

THE DAILY WEATHER REPORT

BRITISH SECTION

1st October to 31st December

1933.



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, Jonsbu, Storfjord, and Torgilstu 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 by the use of this table. 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 is issued in the same manner as the International Section. It contains maps, diagrams and tables showing upper air currents, pressures and temperatures over the British Isles and on 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. The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

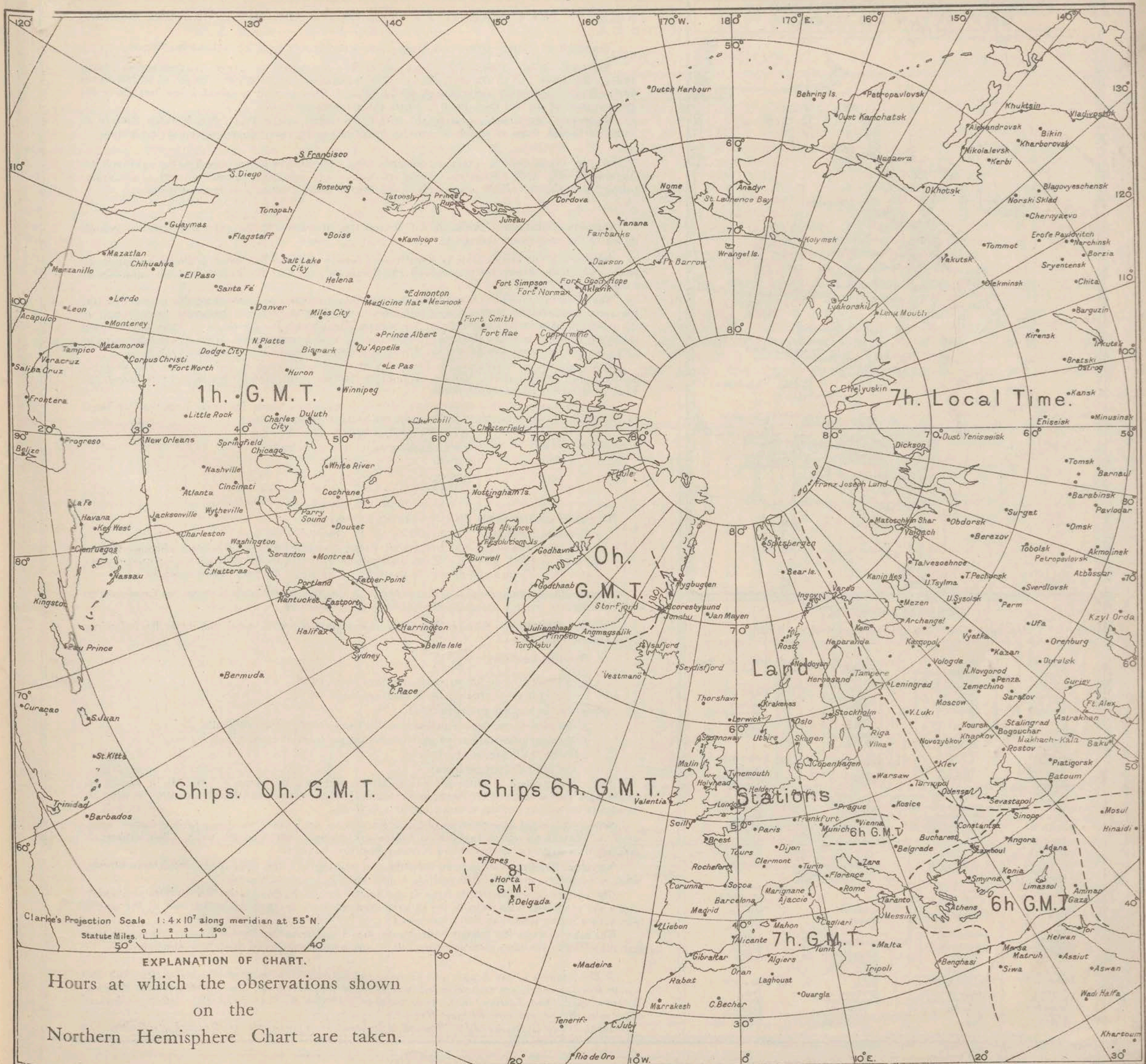
For gales commencing from East or West the North Cone will be hoisted if the gale is expected to change to a Northerly direction. For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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.



A map of the British Isles, including Great Britain and Ireland, divided into 20 numbered regions for a geography quiz. The map features a grid of latitude and longitude lines. Latitude lines are marked at 50°, 55°, and 60° North. Longitude lines are marked at 10°, 5°, and 0° (Greenwich) West, and 0° East. Various locations are labeled, including Lerwick, Wick, Stornoway, Dalwhinnie, Aberdeen, Leuchars, Inchekeith, Renfrew, Easdalemuir, Tynemouth, Malin Hd, Aldergrove, Blacksod Point, Birr, Valentia, Roches Point, St. Ann's Head, Ross, Upper Hayford, Leafield, Kew, Shoeburyness, Felixstowe, Gorleston, Cranwell, Birmingham, Sealand, Liverpool, Manchester, Holyhead, Catterick, Harrogate, Spurn Head, Dungeness, Lympne, Croydon, S. Farnborough, Boscombe Down, Plymouth, Portland, Calshot, The Lizard, Scilly, and Guernsey.

1. <i>England, S.E.</i> Kent. Sussex. Surrey. Hampshire. Berkshire. Wiltshire.	6. <i>Wales, S.</i> Glamorgan. Brecknock. Carmarthen. Pembroke. Cardigan. Radnor.	12. <i>Scotland, S.W., and Isle of Man.</i> Isle of Man. Dumfries. Kirkcudbright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling.	18. <i>Orkneys and Shetlands.</i>
2. <i>England, E.</i> Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Suffolk. Norfolk. Lincoln.	7. <i>Wales, N.</i> Montgomery. Merioneth. Flint. Denbigh. Carnarvon. Anglesey.	13A. <i>Scotland, W.</i> Argyll. Bute.	17. <i>Ireland, N.W.</i> Galway. Roscommon. Mayo. Sligo. Leitrim.
3. <i>Midlands, E.</i> Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham.	8. <i>England, N.W.</i> Cheshire. Lancashire. Westmorland. Cumberland.	13B. <i>Scotland, N.W.</i> Hebrides. Western parts of Inverness. Ross and Cromarty, Sutherland. (Boundary line runs from Rannoch Station through Fort Augustus, Beaulieu and Lairg to Mel- vich).	18. <i>Ireland, N.E.</i> Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. Donegal.
4. <i>Midlands, W.</i> Gloucester. Hereford. Worcester. Shropshire. Stafford.	9. <i>Midlands, N.</i> Derby. Yorkshire, W.	14. <i>Mid. Scotland.</i> Perth.	19. <i>Ireland, S.E.</i> Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. Kildare. Dublin.
5. <i>England, S.W.</i> Dorset. Somerset. Monmouth. Devon. Cornwall.	10. <i>England, N.E.</i> Yorkshire, N. & E. Durham. Northumberland.	15. <i>Scotland, N.E.</i> Kincardine. Aberdeen. Banff. Elgin. Nairn. Caithness. Eastern parts of Inverness, Ross, Sutherland.	20. <i>Ireland, S.W.</i> Cork. Kerry. Limerick. Tipperary. Clare.

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

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.

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.

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 $\frac{1}{2}$ inch apart the corresponding speed is 24 m.p.h.

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.

8 mb isobars on 1: 4×10^7 Charts.

Miles per hour.

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

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

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

$$x = t - .444 (t - t') \text{ for wet bulb readings above } 32^\circ \text{ F.}$$

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

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.

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 at the end of the month and errors in the Report so found are noted.

The reports from the London Stations on page 1 and from the Health Resorts on page 2 are not subjected to the same close scrutiny, but if any errors are found these are also 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.

Persistently cold, except in the extreme North. Abnormally dry. More fog than usual in England and South Scotland.

Rainfall was markedly deficient. At Eskdalemuir, Gorleston, Lympne and Renfrew it was the driest December since records began in 1910, 1871, 1920 and 1921 respectively. Temperatures were below normal, except in the extreme North. Mean pressure was much above normal.

On 1st - 2nd a trough of low pressure moved across western districts with gales and rain. The anticyclone over Scandinavia on 1st spread east to the Faeroes by 5th - 6th and gave mainly dry, cold to very cold conditions, with E. to S.E. winds in most areas, except the extreme W. and N. where milder conditions and scattered showers were experienced. Gales occurred in England and Wales on 3rd. On 6th fog was widespread in England and low temperatures were recorded (Manchester maximum 23°F.).

On 7th a trough moving S. across the country caused drizzle generally, with sleet or snow locally on E. coast.

From 8th - 11th an anticyclone from Norway moved across the country to the Atlantic and cold, cloudy, but mainly dry conditions were experienced generally, with fresh to strong E. to N.E. winds. Snow showers occurred in E. England on 8th and rain, with sleet or snow locally in the W. and N. on 9th. Night frosts, severe locally, were experienced. (Dalwhinnie screen min. 13°F. grass min. 7°F. on 10th.)

On 12th a depression moved from Iceland to the Bay of Biscay causing cold, dull conditions, with rain in places and also snow showers.

From 13th - 21st cold to very cold anticyclonic conditions prevailed in the S., with E. winds reaching gale on 13th and 14th. Scattered showers of sleet or snow occurred. Fog also was experienced, being widespread on 17th, 19th, 20th and 21st. In the W. and N. occasional slight rain or drizzle occurred, with winds variable at first, freshening later from S.W. and reaching gale locally on 21st.

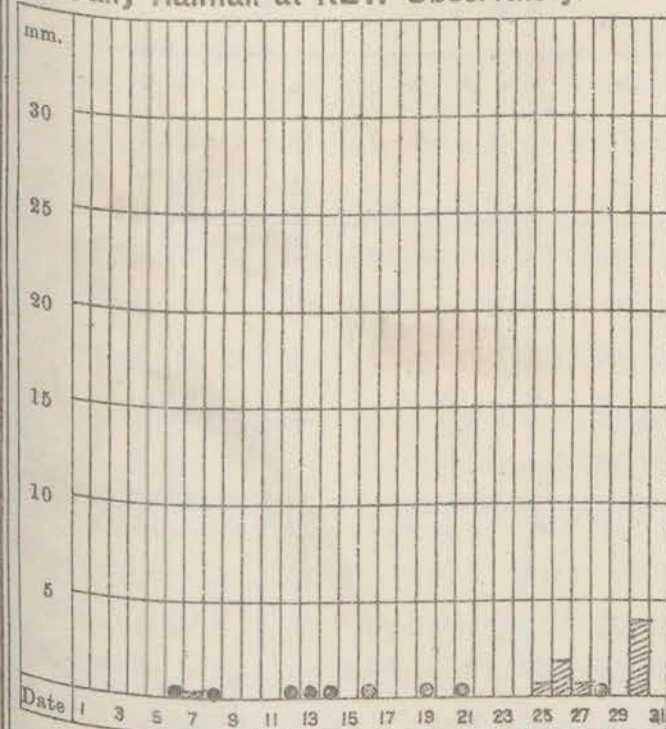
From 22nd - 24th the anticyclone over France persisted and S. to S.W. winds were general, reaching gale in extreme N. and N.W. on 22nd. Dull, dry conditions continued except in the W. and N., where occasional rain or drizzle occurred.

On 25th - 26th a trough from the Atlantic became stationary over the country and gave rain or drizzle at most places, with fog, dense locally, on 26th.

On 27th - 28th a depression off N.W. Ireland moved S.E. and rain or drizzle occurred in most districts, with sleet and slight snow locally. Winds were mainly S.E. backing to between F. and N., reaching gale in extreme S.W. on 28th.

On 29th - 31st troughs crossing the country caused rain or drizzle at many places, particularly in the W. and N., with sleet or hail locally on 30th and local fog on 29th and 31st. Gales occurred in the West and North.

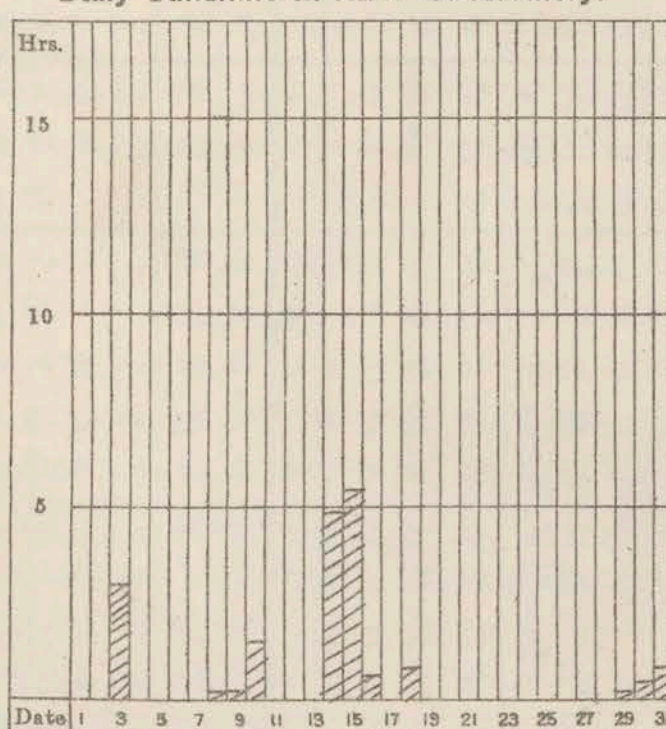
Daily Rainfall at KEW Observatory.



* = Less than 0.5 mm.

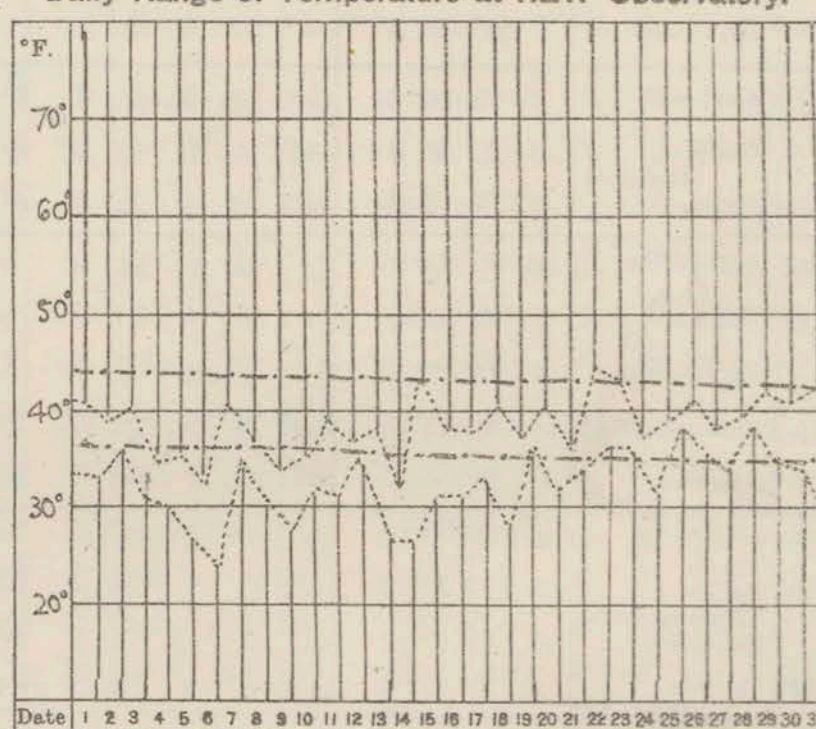
RAINFALL. Total for Month. 8 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 19 hrs.

Daily Range of Temperature at KEW Observatory.



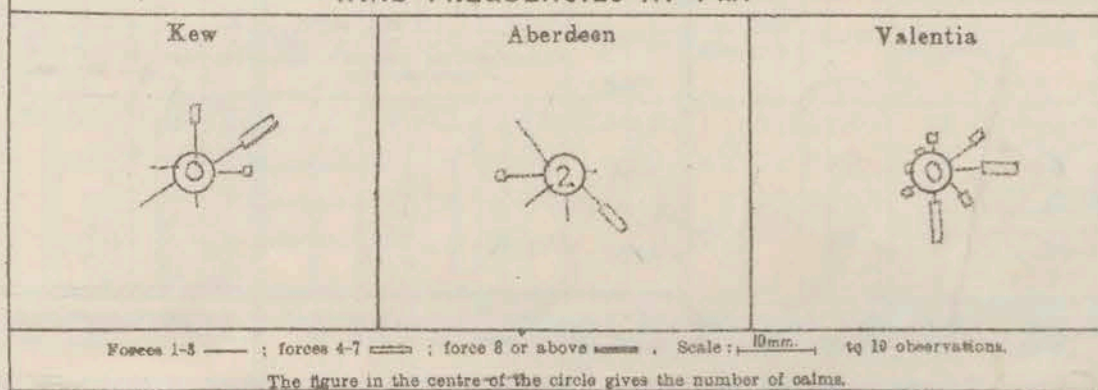
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1021.7	+ 8.0	°F. 35.5	- 4.3
Aberdeen	1022.3	+ 15.4	33.4	- 0.8
Valentia	1025.4	+ 3.7	42.5	- 3.1

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

WIND FREQUENCIES AT 7 hr.



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

	miles.
Kew	6250
Aberdeen	6458
Lerwick	13,239
Valentia	7782

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

STATIONS.		† TEMPERATURE.												LOW CLOUD.					FOG, MIST and GOOD VISIBILITY.							
		Number of daily readings within fixed limits.					Extremes—Warmest and Coldest							Number of observations within fixed limits.					Number of observations within fixed limits.							
							Days.				Nights.			7 h.		13 h.		18 h.	7 h.			13 h.				
		Maximum.	Normal Max.	Minimum.	Normal Min.	Highest Max.	Lowest Max.	Highest Min.	Lowest Min.	Number of Ground Frosts.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
32° or below	33° - 41°	42° - 50°		51° - 59°		Date.	Date.	Date.	Date.		Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.
32° or below	33° - 41°	42° - 50°		51° - 59°		Date.	Date.	Date.	Date.		Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.	Date.
1	London ... (Kew Obsy). Croydon ... Calshot** ... (Southampton) Lympe ...	1 25 5 0 1 27 3 0 0 25 6 0 3 28 0 0	44.7 * * *	0 15 16 0 1 13 11 0 0 16 18 0 2 20 9 0	35.9 * * *	44 22 32 14 44 22 31 6 44 21 33 14 41 22 28 4	38 26 24 7 19 36 32 20 23 6 22 39 12 25 10 21 36 20 21 18 23	19 22 21 23	3 26 0 8 18 0 4 22 0 8 20 0	9 21 0 7 21 0 5 20 0 11 16 0	6 17 0 9 15 0 2 16 0 11 10 0	0 1 1 4 8 0 1 3 2 7 0 1 2 2 15 0 1 4 0 10	0 1 5 8 0 0 3 4 7 0 0 1 5 0 10 0 2 2 4 10													
2	Shoeburyness ... Gorleston ... Cranwell ...	0 28 3 0 0 24 7 0 0 26 5 0	44.9 43.6 42.4	1 16 14 0 0 11 20 0 1 14 16 0	35.9 35.2 34.6	43 15 33 14 44 20 33 21 43 15 33 12	38 2 22 18 19 40 2 28 22 7 38 23 23 6 18	19 7 18	7 23 0 4 25 0 9 16 1	6 25 0 3 25 0 7 17 3	4 16 0 3 24 0 9 17 0	1 0 2 0 14 0 1 1 2 10 0 2 7 2 8	0 0 4 3 14 0 0 2 5 8 0 3 6 1 7													
3	Birmingham ... (Edgbaston)	1 26 4 0	43.2	0 15 16 0	34.9	43 19 31 5	36 16 25 6 20	20	7 18 0	7 19 0	6 17 0	0 0 7 2 8	0 1 6 7 0													
4	Ross-on-Wye ...	3 22 6 0	45.1	2 14 15 0	34.9	45 30 31 5	37 29 31 22 7 22	22	10 17 0	6 21 0	9 17 0	0 5 3 1 7	0 0 6 2 10													
5	The Lizard ...	1 8 19 3	*	0 6 16 9	*	52 26 32 11	46 22 27 11 *	*	0 31 0	0 31 0	0 30 0	0 0 0 0 30	0 0 0 0 26													
7	Holyhead ...	0 10 21 0	46.9	0 2 21 8	39.9	50 22 38 10 31 12	45 22 31 7 6	6	3 25 1	2 28 0	2 24 1	0 1 0 1 12	0 0 0 0 10													
8	Liverpool ... (Bidston)	0 23 8 0	44.8	0 12 19 0	36.8	48 22 33 18 39 16 23 26 6	39 16 23 26 6 9	9	6 20 0	8 19 0	6 17 0	0 1 6 1 14	0 2 5 5 8													
10	Tynemouth ...	0 13 18 0	44.3	0 3 25 3	34.7	49 22 36 12 44 7 31 21 18	44 7 31 21 6	6	3 28 0	2 29 0	3 28 0	0 0 0 4 14	0 0 11 5 9													
11	Inchkeith** ...	0 12 19 0	*	0 2 23 6	*	48 23 38 11 50 22 30 11	45 23 31 17 9	9	6 25 0	5 26 0	3 28 0	0 2 4 0 22	0 1 3 2 18													
12	Renfrew ...	1 15 18 0	*	1 14 11 5	*	50 22 30 11	47 23 17 11 18	18	4 22 1	1 23 1	3 24 0	0 1 2 2 10	1 1 6 2 2													
	Eskdalemuir ...	1 25 5 0	*	3 15 12 1	*	44 22 32 17	43 23 21 17 16	16	14 15 0	15 14 0	12 16 0	0 2 5 1 15	0 3 2 1 14													
13	† Stornoway C.G.	0 2 27 2	44.4	0 1 20 10	35.4	53 22 41 30 49 23 32 14 *	49 23 32 14 *	*	2 29 0	0 31 0	1 30 0	0 0 0 0 27	0 0 0 0 27													
15	Aberdeen ...	0 12 19 0	42.9	0 4 24 3	34.0	50 22 37 10 43 26 29 10 14	43 26 29 10 14	14	1 28 0	0 24 0	0 24 0	0 0 0 0 10	0 0 0 1 8													
18	Aldergrove ...	0 14 17 0	*	0 9 16 6	*	49 22 38 26 52 22 40 10, 11 12, 14	45 25 28 27 10	10	5 20 0	3 24 0	4 25 0	0 0 2 1 23	0 2 0 0 22													
19	Dublin ... (Phoenix Park) Birr Castle ...	0 8 20 3 0 13 17 1	46.5 46.1	0 11 17 3 2 14 12 3	35.2 35.0	52 22 40 10, 11 12, 14 51 1 38 28 29	44 22 25 7 17 47 25 22 16 21	17 21	* * * 0 24 0	* * * 0 26 0	* * * 0 27 0	* * * 0 0 0 0 30	* * * 0 0 0 0 28													
20	Valentia ... (Cahirciveen)	0 5 21 5	40.8	0 8 12 11	41.1	52 24 36 10	50 1 30 10 10	10	1 29 0	4 25 2	4 26 0	0 0 0 0 29	0 0 0 0 30													

UPPER AIR TEMPERATURE.

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

UPPER AIR TEMPERATURE.									No. of Records of Velocity (miles per hour).																				STATION.										
Pressure. mb.	Normal Height. Feet.	Normal Temperature. ° F.	DUXFORD.		S. FARNBOROUGH.		FELIXSTOWE.		STATION. Height. Feet.	LYMPNE.						PLYMOUTH (Mt. Batten).						HOLYHEAD.						RENFREW.						STATION. Height. Feet.					
			Mean. ° F.	No. of Reports.	Mean. ° F.	No. of Reports.	Mean. ° F.	No. of Reports.		No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75	No. of Obs.	9 or less	10 to 25	26 to 45	46 to 75	Above 75						
										miles per hour.						miles per hour.						miles per hour.						miles per hour.											
950	1730	35	30	33	30	12	31	7	2,000	49	6	26	17	-	-	38	5	19	13	1	-	-	60	15	21	21	3	-	44	8	26	10	-	-	2,000				
850	4640	29	26	34	26	13	25	7	5,000	8	3	1	3	1	-	7	2	4	1	-	-	15	2	7	6	-	-	12	2	8	2	-	-	5,000					
750	7870	21	21	34	22	9	19	7	10,000	1	-	1	-	-	-	-	-	-	-	-	-	4	-	3	1	-	-	-	-	-	-	-	-	10,000					
650	11490	9	11	34	13	6	10	6	15,000	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,000					
550	15620	-4	-3	30	-3	2	-6	6																															

† The readings used, are, except in the case of Phoenix Park, the maximum for the period 7 h.-18 h., and the minimum for the period 18 h.-7 h. The normal values given above are based on extremes taken over the 24 hours.

METROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C.2
G. C. SIMPSON, C.B., D.Sc., F.R.S., Director.

SUNSHINE, RAINFALL, AND HUMIDITY DECEMBER, 1933

Page 2

District.	STATIONS.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		Number of Days with duration.					Maximum Duration.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.			Number of days with amount.	Maximum fall in 24 hrs.	Total for past 12 months.	Difference from Average.	Total for Month.	Difference from Average.	Highest and Lowest Totals on record for Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Nil.	0.1-3h.	3.1-6h.	6.1-9h.	Above 9h.						First year of record.	Highest.	Year.							Lowest.	Year.	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.	mm.	Date.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.

MINIMUM SURFACE HUMIDITY.										STATE OF GROUND AT 18h.																
No. of Days (Mdt. to Mdt.) with Minima between Fixed Limits.										No. of Days each type was recorded.																
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 %	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.					
London (Kew)	3	7	8	5	6	0	2	0	0	London (Kew)	10	12	0	0	9	0	0	0	0	0	0	0	0	Dry.		
Ross-on-Wye	7	3	9	7	2	3	0	0	0	Ross-on-Wye	11	19	0	0	1	0	0	0	0	0	0	0	0	1	Wet.	
Falmouth (Obsy.)	2	7	9	10	2	1	0	0	0	Renfrew	0	27	0	0	3	1	0	0	0	0	0	0	0	2	Flooded.	
Renfrew	5	9	10	7	0	0	0	0	0	Eskdalemuir	0	23	0	0	5	0	1	0	2	0	0	0	0	3	Covered with thawing snow.	
Eskdalemuir	8	9	5	8	1	0	0	0	0	Aberdeen	0	31	0	0	0	0	0	0	0	0	0	0	0	4	Frozen hard and dry.	
Aberdeen	0	3	15	10	3	0	0	0	0	Valentia	6	25	0	0	0	0	0	0	0	0	0	0	0	5	Covered with ice or glazed frost.	
Valentia	1	3	10	11	5	0	1	0	0															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.

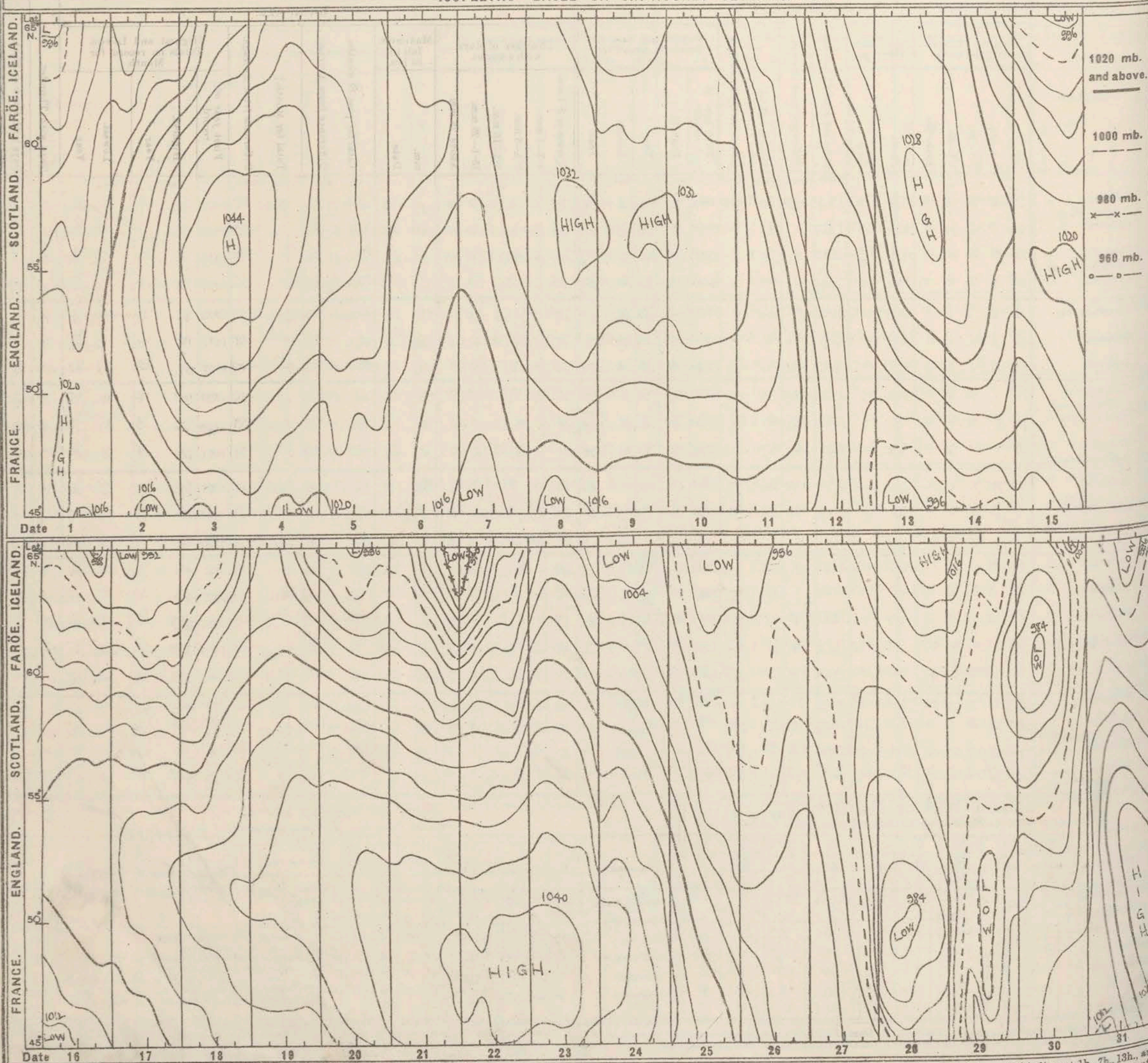
** In extremes of rainfall the short period returns from Inchkeith are supplemented by those from Leith, and extremes of rainfall and sunshine from Calshot by those from Southampton.

† 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.

†† Observations Coast Guard began Sept., 1930. Normals and extremes for old Station.

PRESSURE: ICELAND TO GULF OF LIONS DECEMBER 1933.

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. 44° N., Long. 4° E. in the south.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 1st December 1933.

No. 26307

STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 30 th November														OBSERVATIONS at 18h. G.M.T. 30 th November														PAST 24 HOURS.								
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.								
			Direc.	Force 0-12					Low	Med.	High	Low	Med.			High	Form.					Amount.	Height of Base (feet)	Direc.	Force 0-12	Low			Med.	High	Form.	Amount.	Height of Base (feet)	7h.-13h. 30 th	13h.-18h. 30 th	18h.-1st 1 st	1st-7h. 1 st
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)				
1 London (Kew)...	1012.7	-6	SSE	2	c	40	55	6	5	-	10	10	2500	1023.6	+4	SE	2	c	39	75	5	5	-	-	3+	3+	2500	1	*	c3.	c3.	c3.	c3.				
Croydon	1012.7	-2	SE'S	2	3.	39	65	6	5	-	10	10	2500	1023.5	+2	SE'S	2	3.	38	75	6	5	-	-	10	10	2500	1	*	cm.	cm.	cm.	cm.				
S. Farnborough	1012.3	-2	SE'E	2	3.	40	65	6	5	-	9+	9+	4000	1023.1	+4	ESE	2	m	38	75	4	5	-	-	9+	9+	2500	1	*	cm.bcc3.	c3.c3	cm.	cbccmo				
Boscombe Down	1021.6	-4	E	2	c	39	75	6	5	-	9+	9+	2500	1022.0	+2	E'S	2	c	35	85	6	5	-	-	9	9	2500	0	*	c3.	c3.m	cb.cm	cmo				
Calshot, S'thmtn	1021.5	-6	ENE	4	c	42	75	6	5	-	9+	9+	2500	1022.0	0	ENE	4	c	41	85	6	5	-	-	7-8	7-8	4000	0	2	cam.	cm.	bcm.bcc	cmo				
Dunegess	*	*	SE	1	c			6	5	-	10	10	1500			SE'S	1	c			6	5	-	*	10	10	1500	*	2	o	o	o	o				
Lympe	1023.0	-2	EN	2	3.	37	85	6	5	-	10	10	1500	1024.0	+8	SSE	1	3.	37	85	6	5	2	-	7-8	10	1500	1	2	om.	ocm.	cm.	bcmo				
2 Shoeburyness	1022.8	0	SSW	1	c	40	75	6	5	-	9+	9+	1500	1023.8	+6	-	0	c	38	85	5	5	-	-	9+	9+	2500	0	*	cm.	cm.	cm.	c				
Felixstowe	1022.9	-2	N	1	3.	40	85	6	5	-	10	10	2500	1023.9	+6	NE'E	2	3.	42	75	6	5	-	-	10	10	1500	0	1	c3.	c3.	ego	bc				
Gorleston	1022.8	-2	ENE	2	0	40	85	6	5	-	10	10	1500	1024.1	+10	W'S	1	0	40	85	6	5	-	-	10	10	1500	0	2	oir.	o	c3.c	c				
Cranwell	1023.2	-4	SE	1	c	38	85	6	5	-	10	10	1500	1023.7	+4	SE'E	1	0/5	37	95	4	5	-	-	10	10	2500	0	2	cm.	cmo	cmo	cmo				
3 Birmingham	1021.7	0	SE	2	om	38	85	4	5	-	10	10	800	1022.1	-2	SE	2	bc	36	95	5	-	-	1	0	2-3	-	1	*	cam	cbc	bcc	c				
Upper Heyford	1021.6	+2	SSE	1	c	39	85	6	5	-	9+	9+	2500	1023.0	+4	SE	2	3.	35	85	5	5	-	-	4-6	4-6	2500	1	*	cd.m	cbcm.	bcmo	cbcmo				
Ross-on-Wye	1020.9	-6	E	2	3.	41	75	6	5	-	9	9	4000	1021.2	0	ESE	2	3.	38	75	5	-	-	7	0	9+	-	1	*	om,c3.	c3.	egbcmo	cmo,omo				
4 Portland Bill	1020.2	-6	E'S	5	c	46	75	7	5	-	1	4-6	7-8	2500	1020.3	+4	SE	4	c	45	75	8	4	4	-	7-8	9+	2500	0	4	c	c	c	c			
Plymouth	1019.3	+2	E	4	c	45	75	7	5	3	4	4-6	7-8	1500	1018.9	0	ESE	3	c	43	85	7	5	7	-	7-8	9+	1500	0	2	bccb.	c	c	c			
The Lizard	1018.2	+4	ESE	4	bc	46	75	8	8	4	-	4-6	4-6	2500	1017.9	0	ESE	3	c	45	85	8	8	-	-	9+	9+	2500	0	3	bcc.	bcc	cq	cq			
Scilly (St. Mary's)	1016.4	-6	S'E	4	c	48	75	6	5	-	10	10	2500	1016.1	0	SSE	5	c	49	85	7	5	-	-	10	10	2500	1	4	ccc	c	coc	poib				
Guernsey	1020.1	-4	SSE	3	bc	41	75	6	3	-	0	2-3	-	1020.5	0	SSE	3	bc	41	85	6	5	-	-	4-6	4-6	4000	0	3	bccbc.	bc	bccbc	coifm				
5 Pembroke	1018.2	0	SSE	4	cq	45	85	6	5	6	-	7-8	9	2500	1016.9	0	SE	4	cq	47	75	6	5	-	-	9+	9+	2500	0	3	cq3.c	cqm.	cq	com.c			
Holyhead	1019.9	+2	E'S	3	3.	41	75	6	5	-	-	4-6	4-6	2500	1018.5	-2	E	3	3.	41	75	6	5	-	6	7-8	10	2500	1	1	bm.x	bccm.	c3.b3.	b3.c			
Chester (Sealand)	1021.3	-4	SE'S	3	3.	40	85	5	5	-	-	7-8	7-8	2500	1021.1	0	SE	2	3.	33	95	5	-	7	6	0	9	-	0	*	ocm.bc	bccm.	cm.x	c3.c			
L'pool (Bidston)	1021.0	0	ESE	4	3.	40	85	5	5	-	-	7-8	7-8	800	1020.6	0	ESE	4	m	36	95	4	5	3	1	4-6	4-6	800	0	*	cm.	bccm	cbc	bcc			
Manchester	1021.8	-6	SE'S	3	3.	40	75	5	5	-	-	10	10	1500	1021.5	+2	SE'S	3	3.	38	75	5	5	-	2	2-3	9+	1500	1	*	cm.r.	cm.	cbm.c	cmo			
6 Harrogate	1022.4	0	S	1	c	37	85	5	5	2	-	7-8	10	2500	1022.7	0	SE	1	c	37	85	5	5	2	-	9	10	2500	1	*	c	c	c	c			
Spurn Head	1022.2	0	E	3	id.	40	95	6	6	2	-	7-8	10	1500	1023.1	+2	SE	2	c	39	95	6	5	2	-	4-6	10	2500	1	2	cid.	d.c	o	oc			
Catterick	1022.0	-8	SSE	2	0	38	95	6	5	-	-	10	10	1500	1022.9	0	SE'E	2	c	37	95	5	5	-	-	10	10	2500	0	*	com.	om.cm.	omo	omo			
Tynemouth	1021.9	-10	S	3	0	41	75	5	5	-	-	10	10	1500	1023.3	+4	S	3	0	40	75	6	6	-	-	10	10	1500	1	2	om.	om.	oco	o			
7 Incheith	1021.6	-4	SSE	3	c	40	75	8	5	7	-	7-8	9+	2500	1020.8	-12	ESE	3	c	40	75	8	5	3	-	7-8	9+	2500	0	2	c	c	cbc	bcc			
Leuchars	1021.1	-4	SSE	1	c	41	85	7	5	-	-	9+	9+	4000	1020.8	-8	SSE	1	c	38	75	7	5	-	-	7-8	7-8	4000	1	*	cm.c	cbcc	cbccbx	bcbcc			
Renfrew (Abbots)	1020.7	-2	E	2	0	38	85	3	5	-	-	10	10	2500	1020.3	0	SE'E	2	3.	37	85	6	5	3	8	4-6	9+	2500	1	*	cm.xff.	c3.m	cbcmo	bcm.x			
Eskdalemuir	1021.4	-6	SSE	3	c	36	85	7	5	-	-	10	10	1500	1020.9	-4	E'S	2	c	35	85	6	5	-	-	10	10	1500	1	*	cm.c	cm.c	cbccbx	bccmo			
8 Tires	1014.4	0	SSE	7	c	45	75	6	5	8	-	9+	9+	1500	1013.5	-4	SE'S	7	c/r	45	75	6	5	2	-	7-8	10	1500	0	5	c	c	c	c			
Stornoway	1015.4	-6	S	6	b	43	65	7	-	1	0	Tr	-	1014.0	-8	S	7	c	46	65	7	8	7	-	4-6	7-8	2500	0	3.	bcb	bcb.c	c	c				
9 Dalwhinnie	1019.2	-8	SE	6	c	35	85	7	3	2	-	7-8	10	800	1019.6	0	S	3	bc	34	85	8	4	-	-	4-6	4-6	1500	0	*	c	bc	*	bc			
Aberdeen	1019.0	-6	SSE	4	c	45	65	6	5	-	-	10	10	2500	1021.4	+4	SW'S	2	0	41	75	6	5	-	-	10	10	2500	1	1	oc3	coid.	o3	o3			
Wick	1019.3	0	SSE	8	c	45	85	8	3	1	-	7-8	9+	1500	1019.4	+2	S	8	c	45	85	8	3	2	-	7-8	10	1500	1	4	c	c	c	c			
Lerwick	1021.9	+4	S	8	c	46	75	7	5	-	-	10	10	1500	1022.2	+2	S	7	c	44	75	7	5	-	-	10	10	1500	0	*	c	c	c	c			
10 Blacksod Point	1007.3	-2	SE	5	c/r	47	95	7	9	-	-	10	10	800	1008.1	0	SE	3	c/r	49	85	7	9	-	-	10	10	800	1	3	pr.cq	pr.cq	pr.cq	pr.cq			
Malin Head	1011.5	-14	SE	5	3.	44	85	6	5	4																											

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.
f, fog, visibility 220-1100 yds.
F, thick fog, less than 220 yds.
fg, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 1100-2200 yds.
h, hail.
ip, intermittent.
jp, precipitation within eight 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.
o, overcast sky.
p, passing showers.

q, squalls.
r, rain.
s, snow.
ra, sleet.
t, thunder.
u, ugly, threatening sky.
v, unusual visibility.
w, dew.
x, hoar frost.
y, dry air.
z, dust haze; the turbid atmosphere of dry weather.

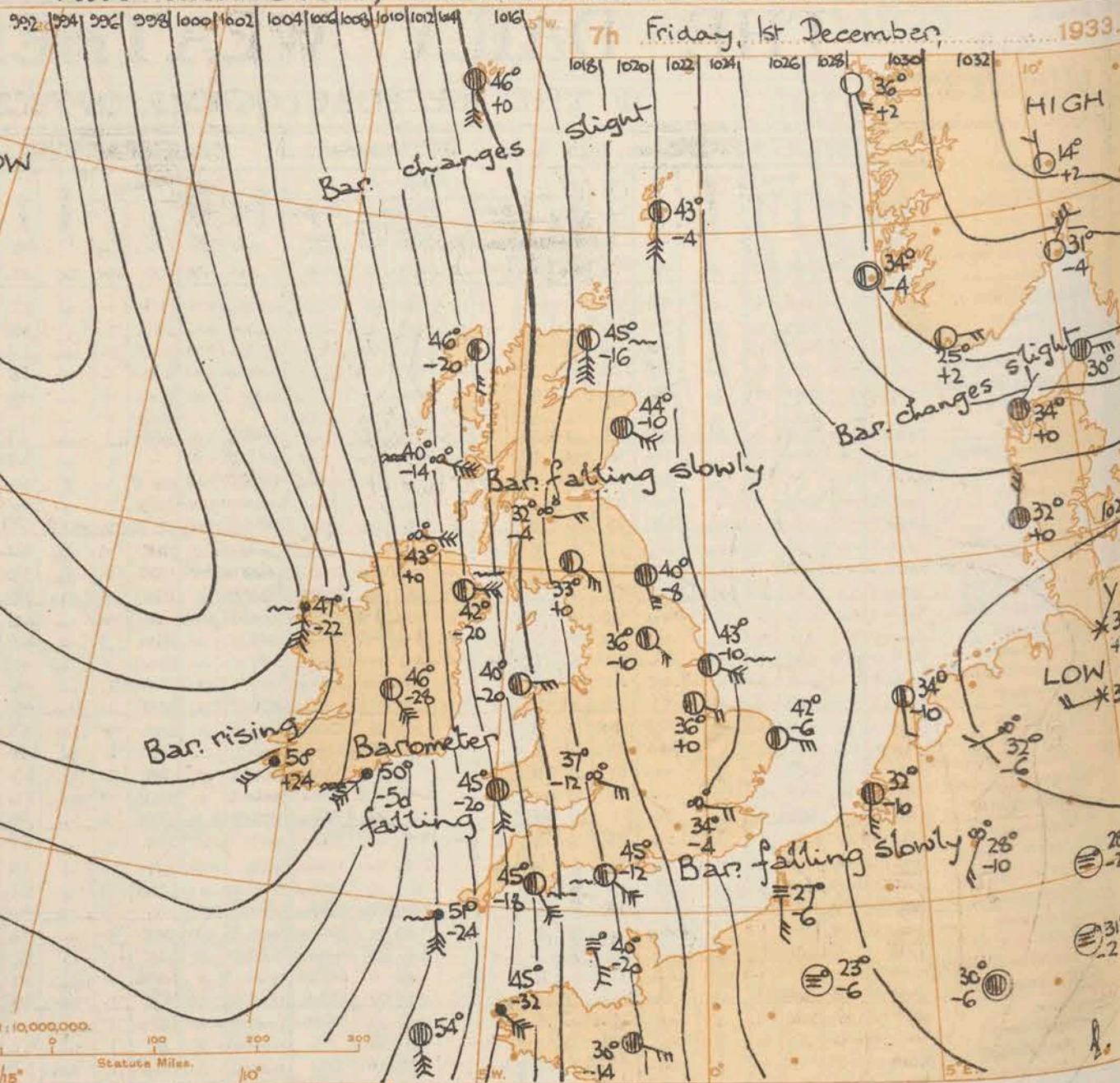
b(r), "hail" or "rain and hail."
Capital letters indicate intense;

REPORTS from HEALTH RESORTS for 30th November 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 30th.	Max. 9h. to 30th.	Night 17h. to 9h.	Day 9h. to 30th.	
1	Tunbridge W.	o	o	36	38	-	-	0.0
	Bournemouth	mo	cm	33	44	-	-	0.5
	Ventnor	oco	colbc	39	44	-	-	0.2
	Southsea	bccm	cm	36	43	-	-	0.2
	Bognor Regis	co	o	36	41	-	-	0.0
	Littlehampton	c	c	35	41	-	-	0.0
	Worthing	o	o	36	41	-	-	0.0
	Brighton	bcc	bc	37	41	-	-	0.0
	Eastbourne	o	o	39	42	-	-	0.0
	Hastings	o	o	37	39	-	-	0.0
	Folkestone	o	o	36	39	-	-	0.0
	Dover	o	o	39	40	-	-	0.0
2	Deal	o	o	38	40	-	-	0.0
	Ramsgate	c	c	38	41	-	-	0.0
	Margate	c	c	39	40	-	-	0.0
	Southend	o	o	39	40	-	-	0.0
	Maldon	o	o	39	40	-	-	0.0
	Clacton-on-Sea	o	o	39	41	-	-	0.0
	Dovercourt	oc	oc	40	41	-	-	0.0
	Lowestoft	c	c	39	39	-	-	0.0
	Skegness	agd	o	39	40	Tr	Tr	0.0
	Mablethorpe	admo	admo	40	43	-	-	0.0
	Cleethorpes	admo	admo	40	41	-	-	0.0
3	Leamington S.	o	o	38	40	-	-	0.0
	Cheltenham	omac	ocbc	36	39	-	-	0.3
	Bath	cbc	bbcc	33	42	-	-	2.5
	Weymouth	cb	bbc	38	48	-	-	3.3
	Jersey	cb	bc	34	40	-	-	4.5
	Torquay	bbc	ca	41	48	-	-	4.3
	Penzance	cb	c	45	50	-	-	0.9
	St. Ives	c	c	42	49	-	-	0.5
	Bude	xbbcc	cbc	35	48	-	-	3.1
	Ilfracombe	b	bbcc	36	47	-	-	4.3
	Aberystwyth	xzbc	bcc	33	44	-	-	4.9
	Llandudno	xb	bbc	33	43	-	-	4.4
4	Colwyn Bay	xb	bbcc	28	43	-	-	5.1
	Rhyl	b	bbcc	34	42	-	-	4.9
	Wallasey	ocbc	bcc	38	41	-	-	0.0
	Southport	o	ocbcc	37	39	-	-	0.0
	Blackpool	o	oc	36	40	-	-	0.0
	Morecambe	c	c	35	41	-	-	0.0
	Ilkley	o	o	37	38	-	-	0.0
	Berwick-on-T.	o	o	39	41	-	-	0.0
	Dunbar	bca	bc	36	41	-	-	0.0
	Troon	coxc	coxc	32	42	-	-	0.0
	Douglas	cq	co	39	43	-	-	0.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st Dec, 1933.
1. S.E. England	Wind east or southeast, moderate, probably freshening; dull or cloudy; rather cold.
2. E. England...	
3. E. Midlands	As 8.
4. W. Midlands	
5. S.W. England	Wind southerly, strong, gale locally at first, veering and moderating; dull or cloudy; rain or showers; becoming milder.
6. South Wales	
7. North Wales	
8. N.W. England	Wind southeast or south, fresh, strong locally; cloudy or dull; perhaps local rain later; rather cold.
9. N. Midlands	
10. N.E. England	Wind southeast, moderate or fresh, probably strong locally on coast; cloudy or dull; rather cold.
11. S.E. Scotland	As 8.
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotland B. N.W. Scotland land.	Wind southeast or south, strong or gale, moderating; cloudy or dull; local rain or showers; rather low to moderate temperature.
14. Mid-Scotland	
15. N.E. Scotland	Wind southeast or south, fresh or strong, gale locally; cloudy or dull; rather low to moderate temperature.
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind west or northwest, fresh, strong locally; cloudy, brighter intervals, showers of rain or hail; moderate temperature.
18. N.E. Ireland	
19. S.E. Ireland	As 5 - 7.
20. S.W. Ireland	As 17.

BAROMETER. Isolars 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 1/4 cloudy. ○ Sky 1/4 to 1/2 cloudy. ○ Sky 1/2 to 3/4 cloudy. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. ▲ Hail. ☼ Fog. ☼ Mist. T Thunder. K Thunderstorm. ☼ Slight haze. SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone is situated over Scandinavia. Pressure is low over Southeast Greenland and a trough of low pressure over our west and southwest coasts is moving east. Weather will be milder and unsettled in the West and Southwest, but cloudy, mainly dry and rather cold elsewhere. A southerly gale is probable on the West and Southwest coasts at first.

Further Outlook.

None issued.

FURTHER OUTLOOK.

Times of issue of Gale Warnings.

South Cone at 0145 on 30th in districts 13B, 15 and 16. South Cone at 0200 on 1st in district 17 and 20. South Cone at 0800 on 1st in districts 5, 6, 7, 8, 12, 13A.

Forecasts issued at 1035 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.

1933.

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Morning of
Friday,
1st DECEMBER,
1933.

Calm is indi-
cated by a
circle with
no feathers
or a circle
with a dot
in the center.
Temperature
is given in
degrees F.

Weather
obable
st.

13B,
on 1st.

Director.

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).

Scale 1:4 x 10⁷ along meridian at 55° N
Statute Miles 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 1st December 1933.

No. 26307

DATE.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 1 st December														OBSERVATIONS at 7 hr. G.M.T. 1 st December														PAST 24 HOURS.									
		Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-3	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-3	Cloud.			State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs. 30 th							
					Direc.	Force.					0-12	Low.	Med.			High.	Low.					Total 0-10	Height of Base (feet)	Low.			Med.	High.	Low.	Total 0-10	Height of Base (feet)		Max. Day 7h-12h °F.	Min. Night 12h-7h °F.	Min. on Grass °F.	Day 7h-12h mm.	Night 12h-7h mm.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)				
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1019.7	-10	E'S	3	C	35	75	5	5	-	-	10	10	1500	1	*	41	33	28	-	-	0.0				
	Croydon ...	217	1023.0	-2	ESE	2	30	36	85	5	5	-	-	10	10	1500	1020.2	-4	E'S	2	30	34	85	6	5	-	-	10	10	1500	1	*	39	33	29	-	-	0.0	
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1019.1	-10	ESE	2	C	33	85	6	5	-	-	10	10	1500	1	*	40	32	25	-	-	0.0				
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1017.7	-10	ESE	4	C	36	85	6	5	-	-	10	10	800	0	*	40	31	28	-	-	0.0				
	Calshot (S' thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	1018.0	-12	ESE	5	C	42	85	7	5	-	-	10	10	2500	0	3	42	39	35	-	-	0.0				
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	SE	3	C	*	*	6	8	-	-	9	9+	1500	2	*	41	34	*	-	-	*				
	Lympne ...	346	1023.6	+2	SE	E	2	30	36	75	6	5	-	-	9	9	2500	1021.1	-10	ESE	4	30	35	75	6	5	-	-	10	10	1500	1	*	38	32	29	-	-	0.0
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1021.3	0	SE	4	C	35	85	7	5	1	-	9	9+	1500	0	*	40	35	32	-	-	0.0				
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1021.9	+2	SE	4	C	38	75	7	7	-	-	7-8	7-8	1500	0	2	42	37	33	-	-	0.0				
	Gorleston ...	5	1023.3	-2	SE	4	C	40	85	7	5	-	-	9+	9+	2500	1021.6	-6	SE/E	3	C	42	75	7	5	-	-	9+	9+	2500	0	2	41	39	38	Tr	-	0.0	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1020.7	0	SE/E	2	C	36	95	5	5	-	-	10	10	1500	1	*	40	36	35	-	-	0.0				
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1018.2	-8	ESE	3	C	36	85	6	5	-	-	10	10	1500	1	*	39	34	29	-	-	0.0				
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1019.4	-6	E	2	C	33	85	6	5	1	-	7-8	7-8	2500	1	*	39	33	27	Tr	-	0.0				
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1016.8	-12	E'S	3	30	37	85	6	5	-	-	10	10	1500	1	*	41	33	25	-	-	0.0				
5	Portland Bill ...	32	1018.7	-10	SSE	4	C	45	75	7	4	-	-	7-8	7-8	2500	1015.8	-12	SE	5	C	45	85	7	5	-	-	10	10	2500	0	4	47	44	*	-	*		
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1012.3	-18	SE	5	C	45	85	7	5	-	-	10	10	1500	0	3	47	43	39	-	-	3.6				
	The Lizard ...	240	1014.3	-24	E	S	q	45	85	8	8	-	-	10	10	4000	1009.3	-12	SE	6	pr	48	95	7	5	-	-	10	10	2500	1	3	48	43	*	-	Tr		
	Scilly (St. Mary's) ...	163	1011.4	-28	SSE	6	C	48	85	6	8	-	-	9+	9+	2500	1005.7	-24	SSE	6	ir	51	95	6	3	-	-	10	10	1500	1	4	49	48	*	-	0.2		
	Guernsey ...	175	1018.8	-22	SSE	4	bc	39	85	6	8	-	-	4.6	4.6	2500	1015.3	-20	SSE	4	m	40	95	4	5	-	-	10	10	800	0	3	42	39	35	-	-	3.8	
6	Pembroke ...	142	1015.8	-12	SSE	4	q	45	75	6	5	-	-	9+	9+	2500	1009.6	-20	SSE	5	q	45	75	6	8	-	-	10	10	2500	0	4	47	43	*	-	0.0		
7	Holyhead ...	26	1016.3	-16	SE	E	3	bc	38	75	7	-	-	S	0	2.3	1012.6	-20	ESE	3	C	40	75	7	-	2	8	0	9+	-	1	3	42	36	31	0.1	-	2.8	
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.3	-10	SE	5	C	37	75	6	5	2	-	9	10	1500	1	*	41	30	22	-	Tr	0.7	
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.6	-10	E	5	q	36	75	6	5	-	-	4-6	4-6	2500	0	*	40	33	31	-	-	0.5	
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.8	-6	SE'S	4	30	37	75	6	5	-	-	10	10	1500	1	*	40	33	29	Tr	-	*	
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.5	-10	SE	2	C	36	95	5	5	2	-	9	10	2500	1	*	39	35	34	-	-	0.0	
10	Spurn Head ...	29	1022.6	+2	SSE	4	C	40	85	7	-	2	-	0	10	-	1019.9	-10	SE	5	C	43	75	7	5	2	-	4-6	9+	4000	0	4	41	39	*	0.1	-	0.0	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	-6	SE'S	3	0	37	85	6	5	-	-	10	10	2500	0	*	39	36	36	-	-	0.0	
	Tynemouth ...	100	1021.8	-2	S	3	0	40	65	6	5	-	-	10	10	1500	1018.8	-8	SSE	3	0	40	65	6	5	-	-	10	10	800	1	2	43	37	34	-	-	0.0	
11	Incheith ...	190	1020.7	-4	SE	3	bc	35	85	6	5	-	8	2.3	4.6	1500	1018.7	-4	SE	3	C	37	75	6	5	-	-	10	10	1500	0	2	41	35	26	-	-	0.0	
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.4	-12	SE	3	C	39	75	7	5	-	-	10	10	2500	1	*	41	29	21	Tr	-	0.0	
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.2	-4	E	2	30	32	85	6	5	-	-	7-8	7-8	2500	5	*	39	29	24	-	-	0.0	
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.0	0	SE'S	3	C	33	85	6	5	-	-	10	10	2500	4	*	36	25	19	-	-	0.0	
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.8	-14	SE/E	8	30	40	85	6	8	1	-	7-8	9+	1500	0	6	45	39	37	Tr	-	0.0	
13B	Stornoway ...	34	1013.8	-6	SSE	4	C	47	65	7	8	7	-	7-8	9	1500	1010.6	-20	SSE	3	C	46	65	7	8	6	-	4-6	7-8	1500	0	1	46	48	*	-	3.0		
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.6	-14	W	2	C	34	85	8	4	-	-	7-8	7-8	800	0	*	35	34	29	-	-	0.0	
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.4	-10	SE'S	5	C	44	75	6	6	-	-	10	10	2500	1	3	45	40	40	Tr	-	0.0	
	Wick ...	81	1018.4	-4	S	8	C	44	85	8	9	1	-	7-8	9+	1500	1016.5	-16	S	8	C	45	95	8	8	2	-	7-8	9	1500	0	4	45	43	*	-	*		
16	Lerwick ...	54	1022.2	+4	S	7	C	44	85	7	5	2	-	7-8	9+	1500	1021.4	-4	S	6	C	43	75	7	5	2	-	7-8	9+	1500	0	*	48	42	*	-	Tr	0.0	
17	Blacksod Point ...	18	1002.4	-40	SE	5	q	49	85	7	3	-	-	9+	9+	800	996.1	-22	S	8	rr	47	95	7	6	-	-	10	10	-	0	5	52	(48)	*	1	3	*	
18	Malin Head ...	52	1008.7	-30	SE	6	30	46																															

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 2nd December 1933.
No. 26308

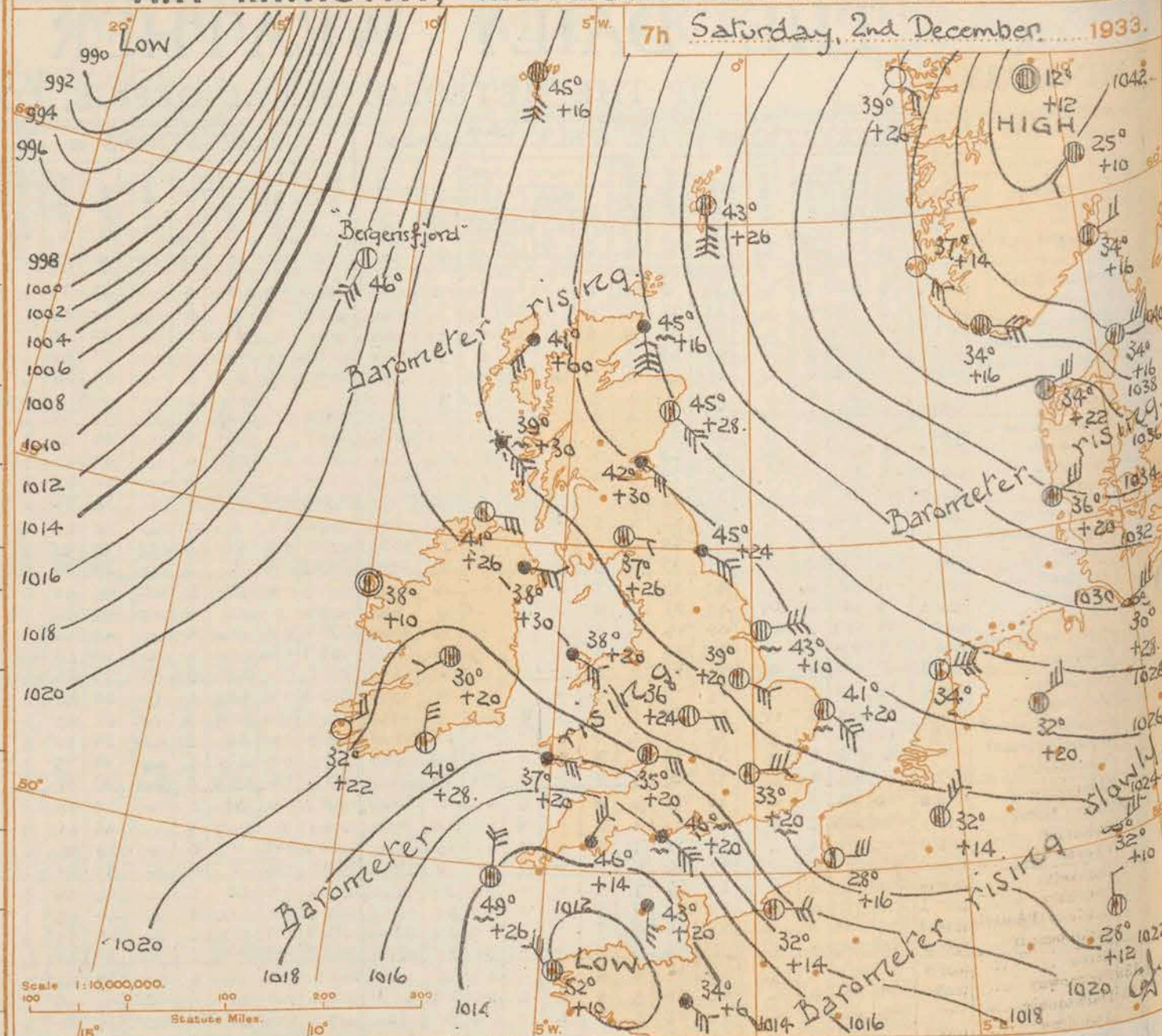
STATIONS.	OBSERVATIONS at 13h. G.M.T. 1st December														OBSERVATIONS at 18h. G.M.T. 1st December														PAST 24 HOURS.							
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea.	WEATHER.							
			Direc.	Force.					Low.	Med.	High.	Low.	Total.			Height of Base (feet).	Form.					Amount.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).			7h.-13h. 1st	13h.-18h. 1st	18h. 1st to 1h. 2nd	1h.-7h. 2nd				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	
(For heights see p. 4.)																																				
1 London (Kew)...	1018.6	-6	ESE	3	c	39	75	6	5	-	-	10	10	1500	1018.0	+4	E	4	c	37	75	6	5	-	-	10	10	1500	1	*	c3.	c3.	c3mo	bcbmo		
Croydon	1018.8	-6	SE	4	3.	39	75	6	5	-	-	10	10	1500	1017.7	-2	E	4	3.	35	85	6	5	7	6	4.6	7.8	2500	1	*	cm.	cm.	bcm.	bcbmo		
S. Farnborough	1017.1	-10	SE	4	c	40	75	6	5	7	6	4.6	9.4	2500	1017.0	0	E'S	3	c	37	75	6	5	-	-	10	10	1500	1	*	cb3.	cb3.	cbmo	bcbmo		
Boscombe Down	1015.2	-6	SE	5	c	40	85	7	5	-	6	3	9.4	1500	1014.2	-6	ESE	4	0	37	85	6	5	-	-	10	10	800	0	*	cm.	cm.	cm.	cm.		
Calshot, S. Hampt.	1015.8	-10	ESE	6	c	44	85	6	5	6	6	7.8	9.4	1500	1014.7	-8	E	6	c	44	85	6	5	-	-	10	10	1500	0	4	cm.	cm.	cor.	oirc		
Dungeness	1015.8	-10	ESE	6	c	44	85	6	5	6	6	7.8	9.4	1500	1014.7	-8	E	6	c	44	85	6	5	-	-	10	10	1500	0	4	cm.	cm.	cor.	oirc		
Lympne	1020.2	-6	SE	3	3.	37	75	6	4	-	-	9	9	1500	1019.5	-2	ESE	4	3.	35	65	6	5	-	3	6	0	9.4	-	1	cb3.	cb3.	bcb3.	bcbmo		
2 Shoeburyness	1020.0	-6	SE	4	c	39	75	7	5	3	6	2.5	7.8	2500	1019.3	-2	ESE	4	c	38	75	7	5	7	6	2.5	7.8	2500	0	*	bc	cm.	cm.	cm.		
Felixstowe	1020.5	-8	SE	4	bc	42	65	8	7	-	4	4.6	4.6	1500	1020.2	+2	E'S	4	c	41	65	7	5	-	-	9.4	9.4	1500	0	3	bcb.	bcb.	cb3.	c		
Gorleston	1020.4	-8	SE	4	c	42	75	6	4	-	-	9.4	9.4	2500	1020.4	0	E	4	c	42	85	7	5	-	-	10	10	2500	0	3	c	cm.	cm.	cm.		
Cranwell	1018.3	-12	SE	4	3.	37	85	6	-	-	6	0	7.8	-	1019.4	+10	ESE	4	c	35	85	6	5	5	-	1	9	2500	1	*	cb3ps.	cm.	cm.	cm.		
3 Birmingham	1016.6	-10	ESE	4	c	36	85	5	5	-	-	10	10	1500	1016.6	+2	E	4	c	35	85	5	5	-	-	10	10	1500	1	*	c	c	c	c		
Upper Keyford	1017.3	-6	SE	2	3.	37	85	6	5	-	-	9.4	9.4	1500	1017.3	+4	SE	3	3.	35	85	5	5	-	-	10	10	800	1	*	bcbm.	cm.	bcbm.	cb3.		
Ross-on-Wye	1015.1	-10	ESE	3	3.	39	75	6	5	7	2	9	9.4	2500	1014.5	-4	E	3	0	39	75	6	5	-	-	10	10	1500	1	*	cm.	cm.	cm.	cm.		
5 Portland Bill	1012.3	-16	SE	6	c	45	85	7	5	-	-	10	10	2500	1011.8	-8	SE	6	id.	48	85	7	5	-	-	10	10	1500	1	5	c	c	c	c		
Plymouth	1010.0	-14	SE	4	dy	47	95	6	5	-	-	10	10	800	1009.0	0	SE	5	rr	49	95	5	5	-	-	10	10	450	1	4	cm.	cm.	cm.	cm.		
The Lizard	1007.0	-14	SE	6	RR	49	95	6	5	-	-	10	10	2500	1007.4	+12	WNW	4	0	49	95	7	5	-	-	10	10	1500	1	3	ORm	ORm	ORm	ORm		
Scilly (St. Mary's)	1005.7	+4	NW	4	c	50	95	7	5	-	-	7.8	7.8	2500	1008.7	+20	NNW	5	c	50	85	7	8	-	-	9	9	2500	1	3	rr.	c	cb3.	cb3.		
Guernsey	1012.9	-8	SSE	4	0	44	85	6	5	-	-	10	10	1500	1011.9	-2	SSE	5	rr	44	95	6	6	-	-	10	10	1500	2	3	cm.	cm.	cm.	cm.		
6 Pembroke	1007.7	-16	SSE	7	cqm	48	75	4	8	-	-	10	10	1500	1009.4	+10	ESE	6	rr	45	95	6	6	2	-	7.8	10	1500	1	4	cm.	cm.	cm.	cm.		
Holyhead	1010.8	-2	SSE	3	ir	45	75	6	5	2	8	4.6	10	4000	1012.3	+14	ENE	3	rr	42	95	6	6	-	-	10	10	800	1	2	c3.	cm.	cm.	cm.		
Chester (Sealand)	1014.5	-12	SE	6	3.	37	75	6	5	1	-	4.6	7.8	1500	1015.9	+10	SE	5	c/r	37	75	5	5	2	-	4.6	10	1500	0	*	c3.	cm.	cm.	cm.		
8 L'pool (Bidston)	1013.4	-4	E'S	8	cq	37	75	6	5	7	-	2.3	7.8	1500	1015.0	+2	E'S	6	oq	37	75	7	5	-	-	10	10	1500	0	*	cm.	cm.	cm.	cm.		
Manchester	1016.8	-6	SE	4	3.	37	75	6	5	-	-	9.4	9.4	2500	1017.2	+6	SE	5	3.	37	85	5	5	-	-	9	9	4000	1	*	cm.	cm.	cm.	cm.		
9 Harrogate	1018.5	-10	SE	3	c	36	75	6	5	9	6	4.6	9	2500	1019.7	+6	SE	1	c	34	95	5	5	3	-	9	9.4	2500	1	*	c	c	c	c		
Spurn Head	1019.1	-2	SE	5	bc	42	85	7	5	1	8	2.3	4.6	4000	1019.1	0	SE	5	c	43	85	7	5	2	-	4.6	9.4	4000	0	4	cb3.	bcb.	bcb.	bcb.		
Catterick	1018.4	-10	SE	4	c	38	75	7	5	-	7	9.4	10	1500	1020.0	+14	-	0	c	35	95	6	5	-	-	9.4	9.4	4000	0	*	cm.	cm.	cm.	cm.		
Tynemouth	1017.7	-14	S	5	0	42	65	6	6	-	-	9.4	10	1500	1019.2	+16	S	4	c	42	75	7	6	-	-	9	9	1500	1	3	oq	oq	oq	oq		
11 Inchkeith	1015.6	-16	ESE	4	c	41	65	7	8	-	-	9.4	9.4	1500	1017.2	+8	SE	5	c	40	65	8	5	4	-	4.6	7.8	2500	0	4	c	c	c	c		
Leuchars	1017.3	-16	SE	4	c	42	65	7	5	-	-	9.4	9.4	1500	1018.8	+14	ESE	4	c	41	65	7	5	-	-	7.8	7.8	2500	1	*	cidc	cqc	cb3.	cb3.		
Renfrew (Abbots)	1014.3	-10	ESE	3	cm	40	75	4	7	-	-	7.8	7.8	2500	1016.5	+18	E'S	2	3.	38	75	6	5	7	-	9	10	2500	1	*	bcb.	cb3.	cb3.	cb3.		
Eskdalemuir	1015.9	-14	ESE	5	c	35	75	6	5	-	-	9.4	9.4	1500	1017.9	+18	SE	3	c	34	75	6	5	3	-	9	9.4	1500	1	*	cm.	cm.	cm.	cm.		
13 Tise	1007.9	0	SE	8	3.	41	75	6	5	2	-	4.6	10	1500	1011.5	+26	SE	6	rr	39	95	6	6	2	-	7.8	10	1500	1	6	c3.	c3.	cm.	cm.		
13 Stornoway	1009.2	-14	SE	6	c	46	65	8	4	6	2	4.6	7.8	4000	1012.3	+14	SE	7	c	46	65	7	8	7	-	7.8	9	1500	0	4	c	c	cm.	cm.		
15 Dalwhinnie	*	-16	WSW	4	c	36	75	8	3	2	-	7.8	9	800	1017.2	+20	SE	5	c	36	75	7	4	4	-	9	9	800	0	*	c	c	c	c		
Aberdeen	1018.2	-6	SE	5	0	44	65	7	6	-	-	10	10	2500	1020.1	+16	SE	6	ir	43	75	6	9	3	-	4.6	7.8	2500	1	3	oir	cir	cir	cir		
Wick	1017.4	0	S	8	c	45	85	8	8	1	-	7.8	9	1500	1018.5	+8	S	8	c	45	85	8	8	1	-	7.8	9	1500	0	4	c	c	c	c		
16 Lerwick	1012.7	+16	SE	7	cq	42	75	7	5	2	-	4.6	10	1500	1023.5	+12	SE	7	cq	42	75	7	5	2	-	7.8	9.4	1500	0	*	cq	c	c	c		
17 Blacksod Point	1003.9	+16	W'S	4	c	49	85	7	8	-	-	9	9	1500	1008.5	+40	SW	3	bc	44	75	8	3	-	-	4.6	4.6	1500	0	3	PR					

REPORTS from HEALTH RESORTS for 1st December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 1st.	Max. 9h. to 17h. 1st.	Night. 17h. to 9h. 1st.	Day. 9h. to 17h. 1st.	
1	Tunbridge W.	o	o	31	38	-	-	0.0
	Bournemouth	o	o	33	45	-	-	0.1
	Ventnor	cbco	ou	40	44	-	-	0.6
	Southsea	cmu	om	39	43	-	-	0.2
	Bognor Regis	cbc	o	39	42	-	-	0.4
	Littlehampton	bc	bcc	38	42	-	-	0.7
	Worthing	cbc	bcc	37	43	-	-	1.0
	Brighton	cbc	bc	37	42	-	-	0.9
	Eastbourne	ccc	cc	38	41	-	-	0.3
	Hastings	ccc	c	36	40	-	-	0.9
	Folkestone	bcmy	bcb	34	39	-	-	4.2
	Dover	bc	bcc	35	40	-	-	4.8
2	Deal	ccc	b	35	38	-	-	4.5
	Ramsgate	bc	bcc	34	40	-	-	4.6
	Margate	bc	bc	35	39	-	-	4.4
	Southend	cbc	bccc	34	40	-	-	3.6
	Maldon	cb	bc	34	39	-	-	3.5
	Clacton-on-Sea	bc	bcc	37	41	-	-	3.2
	Dovercourt	bc	bcc	38	43	-	-	5.2
	Lowestoft	cbc	bc	38	44	0.1	-	0.6
3	Skegness	b	bcc	39	42	-	-	3.1
	Mablethorpe	omc	com	38	42	-	-	0.0
	Cleethorpes	o	o	37	41	Trace	-	2.1
	Leamington S.	cbc	o	34	38	-	-	0.0
	Cheltenham	bcmy	cbc	32	38	-	-	0.2
	Bath	c	c	34	43	-	-	0.0
	Weymouth	c	cdc	41	48	-	Trace	0.0
	Jersey	fc	crz	35	43	-	0.3	0.0
4	Torquay	oq	aqor	44	49	-	6	0.0
	Penzance	rmorr	morre	45	53	5	7	0.0
	St. Ives	r	r	43	52	16	21	0.0
	Bude	o	r	36	48	-	6	0.0
	Ilfracombe	o	orr	41	47	-	5	0.0
	Aberystwyth	crr	cro	37	43	-	4	0.0
	Llandudno	c	cor	35	40	-	0.3	0.0
	Colwyn Bay	bcc	bccr	35	40	-	1	0.1
5	Rhyl	xc	cor	33	39	-	0.3	0.1
	Wallasey	cc	cbcc	35	38	-	-	0.0
	Southport	o	ccc	34	38	-	-	0.0
	Blackpool	c	c	33	38	-	-	0.0
	Morecambe	o	c	35	40	-	-	0.0
	Ilkley	c	c	35	38	-	-	0.0
	Berwick-on-T.	o	o	35	42	-	-	0.0
	Dunbar	bcc	bc	31	42	-	-	1.1
6	Troon	ccc	ccc	32	40	-	Trace	0.0
	Douglas	com	pcrs	39	42	-	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.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd Dec. 1933.
1. S.E. England	Wind easterly, fresh, strong locally; mainly cloudy, perhaps local wintry showers near East Coast; cold, perhaps local night frost.
2. E. England...	Wind easterly, moderate or fresh; mainly cloudy; cold, perhaps local night frost.
3. E. Midlands	Wind easterly, moderate or fresh; mainly cloudy; cold, perhaps local night frost.
4. W. Midlands	Wind northeast or east, moderate or fresh; cloudy, local rain at first; rather cold or cold.
5. S.W. England	Wind east or southeast, moderate; mainly cloudy; cold, perhaps local night frost.
6. South Wales	Wind east or southeast, fresh or strong; cloudy or dull, showers; rather cold.
7. North Wales	As 8 - 9.
8. N.W. England	Wind southeast or south, fresh or strong; cloudy, local rain at first, perhaps again later; rather cold.
9. N. Midlands	Wind southeast or south, fresh or strong; cloudy, local showers; rather cold.
10. N.E. England	Wind variable, perhaps freshening from south later; variable cloud, perhaps rain later; rather cold.
11. S.E. Scotland	Wind easterly or variable, light or moderate; cloudy, local rain at first; rather cold.
12. S.W. Scotland & Isle of Man	As 17.
13. { A. W. Scotl. B. N. W. Scot- land.	
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	

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. — ○ TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: — ○ Clear sky. ○ Sky less than $\frac{1}{2}$ clouded. ○ Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. ▲ Hail.
 ≡ Fog. ≡ Mist. T Thunder. T Thunderstorm. ☼ Slight haze.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone over Scandinavia is spreading southwest. Pressure is high west of Spain. A depression over Brittany is filling up and a large low pressure system on the Atlantic is moving northeast. Weather will be mainly cloudy and cold, with local showers on or near the East Coast. There will be local rain at first in the West, and perhaps again later in Ireland and West Scotland.

FURTHER OUTLOOK.

Cold in most districts with wintry showers in the East. Perhaps some rain in the extreme West and Northwest.

Time of issue of Gale Warnings.

South Cone at 0145 on 30th in districts 13B, 15 and 16.

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.

1933.

1042.
25°
+10

34°
+16

34°
+16
1038

22°
+10
1036

36°
+20
1032

30°
+28
1028

30°
+28
1026

26°
+12
1022

20°
+6
1020

14°
0
1018

8°
-6
1016

2°
-12
1014

-4°
-18
1012

-10°
-24
1010

-16°
-30
1008



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 2nd December 1933.

No. 26308

DUPPLCT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 2nd December														OBSERVATIONS at 7 hr. G.M.T. 2nd December														PAST 24 HOURS.								
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN- SHINE 1st Hr.		
					Direc.	Force. 0-12					Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Direc.					Force. 0-12	Low	Med.	High	Low 0-10			Total 0-10	Height of Base (feet)	Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-12h mm. (34)	Night 12h-7h mm. (35)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	+30	E	3	bc	34	85	6	-	3	1	0	2-3	-	4	*	40	33	29	-	-	0.0		
	Croydon ...	217	1019.0	+2	E	3	30	32	85	6	-	-	8	0	7-8	1021.9	+20	E	4	bc	33	85	6	-	3	8	0	4-6	-	4	*	39	31	28	-	-	0.0	
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	+18	E	3	bc	31	85	6	-	7	1	0	4-6	-	4	*	41	31	27	-	-	0.0		
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	+22	E	4	C	33	85	6	5	-	6	9	9+	2500	1	*	41	33	32	-	1	0.0		
	Calshot, (S'thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	*	1018.8	+20	NE'E	5	C	39	85	6	5	-	-	9+	9+	1500	1	4	44	39	36	-	2	0.3		
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	E	5	C	*	*	6	4	7	-	7-8	9	1500	*	4	40	34	*	-	-	*		
	Lympe ...	346	1019.6	-4	ESE	4	b	34	75	6	5	-	-	1	1	1500	1022.4	+20	E'S	5	C	34	85	6	5	-	-	7-8	7-8	800	0	*	38	33	29	-	-	2.9
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	1022.9	+20	ESE	4	C	38	75	7	5	-	-	9+	9+	1500	0	*	40	38	33	-	-	3.9		
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	1024.5	+20	E'N	5	C	40	75	7	5	-	-	10	10	1500	0	3	42	39	37	-	-	5.3		
	Gorleston ...	5	1021.6	+6	E'S	6	C	41	85	7	5	-	-	9+	9+	1500	1024.1	+20	SE'E	6	C	41	85	6	5	-	-	10	10	1500	0	4	42	40	38	-	-	0.0
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	1024.6	+20	E'S	4	C	39	75	6	5	2	-	7-8	10	2500	1	*	39	34	29	Tr	-	1.2		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	1022.9	+24	E	3	C	36	85	5	5	-	-	10	10	1500	1	*	36	33	31	-	-	0.3		
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	*	1022.3	+22	E	4	bc	34	85	7	5	7	1	1	2-3	2500	1	*	37	33	29	-	-	*		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	1021.3	+20	E	3	C	35	75	6	6	7	-	Tr	9+	2500	1	*	40	33	32	-	3	0.0		
5	Portland Bill ...	32	1012.1	+6	ESE	6	C	46	85	7	5	-	-	10	10	1500	1015.9	+20	ESE	6	bc	46	85	7	5	-	-	10	10	1500	1	5	49	43	*	Tr	4	*
	Plymouth ...	32	*	*	*	*	*	*	*	*	*	*	*	*	1014.5	+14	NE	4	dr	46	95	6	6	-	-	10	10	800	1	2	49	45	44	24	15	0.0		
	The Lizard ...	240	1009.9	+6	N'E	2	bc	47	95	8	4	7	-	2-3	4-6	2500	1013.7	+20	NE'N	2	pr	48	95	8	8	-	-	10	10	2500	1	3	51	45	*	15	1	0.5
	Scilly (St. Mary's) ...	163	1010.9	+4	N'W	6	bc	49	85	7	5	6	-	2-3	4-6	4000	1015.1	+26	N'E	5	pr	49	95	7	9	-	-	10	10	1500	1	4	52	48	*	6	2	0.5
	Guernsey ...	175	1011.6	-2	SE	4	0	44	95	6	5	-	-	10	10	1500	1013.8	+20	S	3	rr	43	95	6	6	-	-	10	10	1500	2	3	44	42	41	2	19	0.0
6	Pembroke ...	142	1014.0	+18	ENE	4	q	42	85	5	6	-	-	10	10	1500	1018.1	+20	E	3	bc	37	95	6	5	-	-	10	10	1500	1	3	49	36	*	13	7	0.0
7	Holyhead ...	26	1016.5	+18	SE	3	bc	41	95	6	6	-	-	10	10	800	1020.6	+20	E'S	4	bc	38	95	6	6	-	-	10	10	800	1	2	45	37	36	11	23	0.0
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	+24	SE	2	30	37	85	6	5	2	-	7-8	10	1500	0	*	38	36	33	Tr	Tr	0.0		
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	*	1023.4	+20	E	3	C	38	85	7	5	-	-	9+	9+	1500	0	*	37	35	23	-	-	0.3		
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	1023.8	+26	ESE	5	q	41	75	6	5	-	-	9+	9+	2500	1	*	38	35	32	-	-	*		
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	1025.2	+14	ESE	3	C	39	75	7	5	2	-	9	10	4000	1	*	37	34	33	-	-	0.0		
10	Spurn Head ...	29	1020.9	+4	ESE	6	C	43	85	7	5	7	-	7-8	9+	4000	1024.4	+10	E	6	C	43	85	7	5	2	-	7-8	9+	4000	0	4	43	40	*	-	1.3	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	1026.3	+24	E'N	1	old	40	85	7	5	-	-	10	10	4000	0	*	38	34	32	-	Tr	0.0		
	Tynemouth ...	100	1021.8	+8	S	2	0	42	75	6	5	-	-	10	10	800	1024.9	+24	SE	5	bc	45	85	7	6	-	-	10	10	1500	1	3	42	40	37	-	1	0.3
11	Inchkeith ...	190	1022.4	+20	E	2	C	41	65	7	5	7	-	4-6	9+	2500	1026.6	+22	ESE	2	C	42	85	7	5	-	-	9+	9+	2500	0	1	42	40	31	-	-	0.3
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	1026.9	+30	ESE	3	bc	42	95	7	6	-	-	9+	9+	2500	1	*	43	40	37	0.1	0.1	0.0		
12	Renfrew (Abbotts L) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1026.1	+30	E	2	30	41	75	6	5	-	-	10	10	2500	1	*	40	36	33	-	Tr	0.0		
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1026.0	+26	E	1	C	37	75	7	5	3	-	4-6	9+	1500	1	*	36	32	29	-	-	0.0		
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1024.1	+30	SE	5	rs	39	85	6	6	2	-	7-8	10	1500	1	4	42	39	37	5	1	0.0		
13b	Stornoway ...	34	1018.7	+30	S	5	C	44	95	6	9	6	-	4-6	10	1500	1024.8	+60	SSW	3	cr	41	95	6	9	-	-	10	10	1500	1	1	47	39	*	-	5	0.4
15	Dalwhinnie ...	H76	*	*	*	*	*	*	*	*	*	*	*	*	*	+28	S	2	C	37	85	7	4	2	-	4-6	10	800	0	*	36	36	32	-	-	0.0		
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	1028.2	+28	SE	5	C	45	75	7	5	-	-	9	9	2500	1	3	45	42	40	0.5	2	0.0		
	Wick ...	81	1022.4	+8	SE	8	C/pr	46	85	8	8	2	-	7-8	10	1500	1027.6	+16	SE	8	pr	45	95	8	8	1	-	7-8	9	1500	1	4	45	43	*	-	0.4	
16	Lerwick ...	54	1026.7	+8	SE	7	C	42	75	7	5	2	-	4-6	10	1500	1031.2	+26	S'E	7	C	43	75	7	5	2	-	7-8	9+	1500	0	*	43	41	*	-	0.4	
17	Blacksod Point ...	18	1016.3	+8	-	0	b	42	85	8	-	-	-	0	0	-	1021.0	+10	-	0	bc	38	85	8	-	1	-	0	2-3	-	0	1	53	36	*	5	-	0.0
18	Malin Head ...	52	1016.0	+20	S'E	3	30	42	85	6	8	1	-	7-8	10	800	1022.6	+26	E	3	30	41	85	6	8	2	-	7-8	10	800	1	2	44	39	*	4	-	0.0
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	+30	E	4	bc	38	95																	

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Sunday, 3rd December 1933.
 No. 26309

STATIONS.	OBSERVATIONS at 13h. G.M.T. 2nd December														OBSERVATIONS at 18h. G.M.T. 2nd December														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Barom. at m.b.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humid. %	Visibility 0-9	Cloud.					Barom. at m.b.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			Direc.	Force.					Low.	Med.	High.	Low.	Total 0-10			Height of Base (feet)	Direc.					Force.	Low.	Med.	High.	Low.			Total 0-10	Height of Base (feet)	7h.-13h. 2nd	13h.-18h. 2nd	18h. 2nd to 1h. 3rd	1h.-7h. 3rd																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
(For heights see p. 4.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

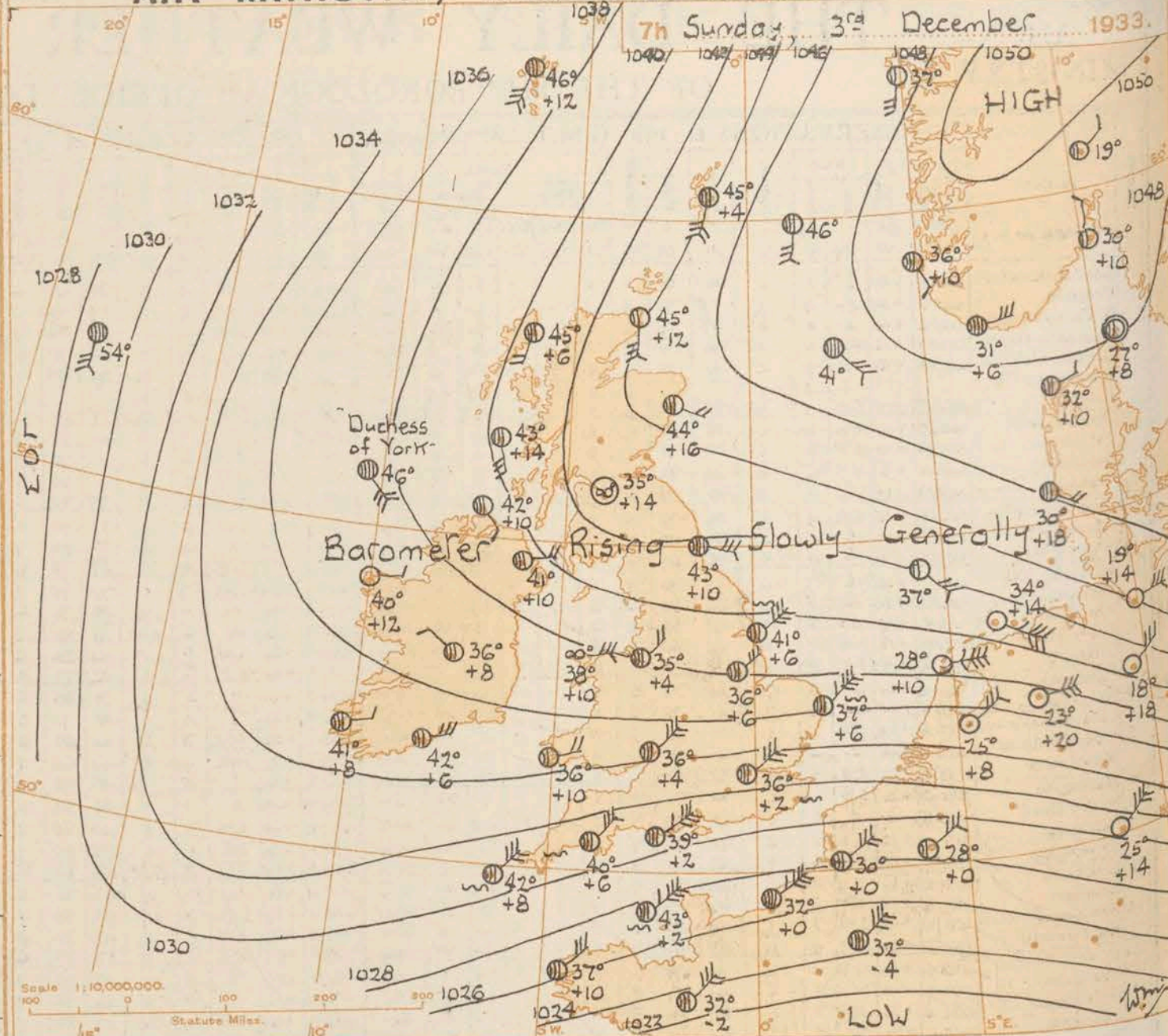
b, blue sky (not more than a quarter covered with cloud).
 bc, sky partly cloudy (one half covered). c, generally cloudy.
 d, drizzle. e, wet air. g, gloom.
 f, fog, visibility 220-1100 yds.
 F, thick fog, less than 220 yds.
 fg, fog over sea (coast station).
 fg, fog on lower ground (inland station).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

REPORTS from HEALTH RESORTS for 2nd December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 2nd 9h.	Max. 9h. to 17h.	Night 17h. to 2nd 9h.	Day 9h. to 17h.	
1	Tunbridge W.	o	o	29	36	-	-	0.0
	Bournemouth	oro	ou	35	38	8	-	0.0
	Ventnor	c	c	40	41	3	-	0.0
	Southsea	c	c	36	39	-	-	0.1
	Bognor Regis	cbcc	co	36	39	-	-	0.3
	Littlehampton	cbc	bc	35	38	-	-	0.1
	Worthing	oc	o	35	39	-	-	0.2
	Brighton	bc	bc	35	39	-	-	1.8
	Eastbourne†	co	oc	38	40	-	-	1.3
	Hastings†	bccc	oc	35	38	-	-	1.0
	Folkestone	o	bco	35	39	-	-	0.9
	Dover...	c	c	37	40	-	-	0.2
2	Deal...	o	o	36	39	-	-	0.1
	Ramsgate	c	c	36	40	-	-	0.3
	Margate	c	c	36	40	-	-	0.1
	Southend	c	co	36	40	-	-	0.0
	Maldon	o	o	36	39	-	-	0.0
	Clacton-on-Sea	c	c	37	41	-	-	0.0
	Dovercourt	bcc	bcc	38	40	-	-	0.0
	Lowestoft	c	c	38	40	-	-	0.0
	Skegness	o	o	39	42	-	-	0.0
	Mablethorpe	o	o	39	42	-	-	0.0
	Cleethorpes	oco	o	38	42	-	-	0.0
	Leamington S.	o	o	35	40	-	-	0.0
3	Cheltenham†	cq	coc	34	39	Trace	-	0.0
	Bath	c	cbcb	35	38	14	-	0.0
	Weymouth	mc	c	38	40	6	-	0.0
	Jersey	crc	c	37	39	23	5	0.0
	Torquay	Rym	orpoq	43	43	28	3	0.0
	Penzance	cdoo	oddo	47	48	0.2	1	0.0
	St. Ives	r	r	42	48	Trace	1	0.0
	Bude	r	o	36	38	6	4	0.0
	Ilfracombe	rr	ro	37	41	22	3	0.0
	Aberystwyth	Rroc	c	35	40	26	-	0.0
	Llandudno	og	ogc	33	40	12	-	0.0
	Colwyn Bay	o	ocbcc	34	40	8	-	0.0
4	Rhyl	om	oc	33	41	7	-	0.0
	Wallasey	oc	c	36	41	Trace	-	0.0
	Southport	o	co	36	42	-	-	0.3
	Blackpool	oc	c	36	41	-	-	0.0
	Morecambe	c	co	37	42	-	-	0.0
	Ilkley	o	o	34	40	-	-	0.0
	Berwick-on-T.	or	roo	39	46	1	0.2	0.1
	Dunbar	rbc	cm	38	44	Trace	-	0.0
	Troon	chscx	coc	32	43	6	-	0.0
	Douglas	cq	c	36	43	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.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd Dec. 1933.
1. S.E. England	Wind easterly, fresh to strong, gale on coast; fair or fine; cold, frost locally at night.
2. E. England	Wind easterly, fresh, strong on coasts; cloudy; cold, frost locally at night.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind easterly, fresh, strong on coasts; fine; rather cold.
6. South Wales	
7. North Wales	Wind easterly, moderate or fresh; bright intervals; rather cold.
8. N.W. England	
9. N. Midlands	As 2 - 4.
10. N.E. England	Wind easterly, moderate; cloudy, wintry showers; cold.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Wind southeasterly, light to moderate; variable cloud; rather cold, frost locally at night.
13. A. W. Scotland & N.W. Scotland	
14. Mid-Scotland	
15. N.E. Scotland	Wind southeast to south, moderate; coastal showers; moderate temperature.
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind easterly, light; cloudy, bright intervals in West; rather cold.
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 $\frac{1}{8}$ clouded. ☉ Sky $\frac{1}{8}$ to $\frac{1}{4}$ clouded. ☉ Sky $\frac{1}{4}$ to $\frac{1}{2}$ clouded. ☉ Overcast sky. ☉ Rain falling. * Snow. * Sleet. * Hail.

☉ Fog. ☉ Mist. T Thunder. T 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.

An intense anticyclone centred over Scandinavia is spreading westward and southward. Cold east winds will persist for some time. Apart from wintry showers on the coast of East Scotland and Northeast England weather will be dry.

FURTHER OUTLOOK.

Similar conditions.

Time of issue of Gale Warnings.

- North cone at 1510 on 2nd in Districts 1 and 5.
- North cone at 0745 on 3rd in District 2.

Forecasts issued at 1500 G.M.T.

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

J.A.B.

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 3rd December 1933.

No. 26309

No.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 3rd December														OBSERVATIONS at 7 hr. G.M.T. 3rd December														PAST 24 HOURS.									
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN- SHINE 2nd Hrs.							
					Direc.	Force.					Form.	Amount.	Height of Base. (feet)			Direc.	Force.					Form.	Amount.	Height of Base. (feet)			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Glass °F.	Day 7h-18h mm.	Night 18h-7h mm.								
																																	Low	Med	High	Low	Total	Low	Total
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1033.8	0	NE	5	cq	37	65	7	5	-	-	10	10	2500	0	*	39	36	35	-	-	0.0				
	Croydon ...	217	1032.3	+6	ENE	4	C	38	75	6	5	-	-	10	10	1500	1032.8	+2	NE	5	C	36	75	6	5	-	-	10	10	1500	1	*	37	36	34	-	-	0.2	
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1033.1	+2	NE	5	cq	36	65	7	5	-	-	10	10	2500	0	*	38	36	34	-	-	1.1				
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1033.0	+2	NE	5	C	35	75	8	5	-	-	10	10	1500	0	*	36	34	31	-	-	0.2				
	Calshot, (S'thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	1031.7	+2	NNE	6	C	38	75	7	5	-	-	10	10	1500	0	4	40	36	34	-	-	0.2				
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	1031.7	+2	NE	6	C	38	75	7	5	-	-	10	10	1500	0	4	40	35	*	-	-	0.2				
	Lympne ...	346	1031.8	+4	NEE	4	30	36	75	6	5	-	-	10	10	2500	1031.7	-2	NE	5	30	34	75	6	5	-	-	10	10	2500	1	4	40	35	*	-	0.0		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1033.5	+4	NE	6	C	37	75	7	5	-	-	10	10	1500	0	*	41	37	36	-	-	0.1				
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1035.0	+4	NE	6	C	38	75	7	5	-	-	9+	9+	1500	0	3	41	37	36	-	-	0.0				
	Gorleston ...	5	1035.9	+6	ENE	5	C	38	85	6	5	-	-	10	10	1500	1037.0	+6	NE	7	C	37	85	6	9	-	-	10	10	1500	0	5	41	36	35	-	-	0.0	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1038.3	+6	ENE	3	C	36	75	7	5	2	-	9	10	2500	1	*	39	36	32	-	-	0.0				
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1036.6	+2	NE	5	C	35	65	7	5	-	-	9+	9+	2500	1	*	38	34	32	-	-	0.0				
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1035.5	+6	NE	5	C	33	75	8	5	-	-	10	10	1500	0	*	38	33	31	-	-	0.0				
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1035.1	+4	NE	5	cq	36	75	7	5	-	-	10	10	2500	1	*	39	36	33	-	-	0.0				
5	Portland Bill ...	32	1030.0	+20	ENE	7	C	41	85	7	5	-	-	10	10	2500	1030.7	+2	ENE	7	C	39	65	7	5	-	-	10	10	2500	1	5	45	37	*	-	0.0		
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1031.6	+6	NE	4	C	40	75	8	5	-	-	10	10	1500	1	2	48	37	35	*	0.4	-	0.0			
	The Lizard ...	240	1028.1	+16	NE	7	C/pf	41	85	8	8	-	-	10	10	2500	1030.1	+12	NNE	6	C	41	75	7	8	-	-	10	10	2500	1	4	49	39	*	6	Tr	0.0	
	Scilly (St. Mary's) ...	163	1029.0	+16	ENE	5	bc	40	85	7	2	-	-	4.6	4.6	4000	1030.8	+8	NE	5	C	42	75	7	8	-	-	10	10	2500	1	4	49	39	*	0.3	0.0		
	Guernsey ...	175	1027.1	+16	E/S	6	0	40	76	6	5	-	-	10	10	1500	1027.5	+2	NE	7	cq	43	65	8	8	-	-	10	10	2500	0	4	43	40	37	9	-	0.0	
6	Pembroke ...	142	1032.6	+20	E	3	30	37	85	6	5	-	-	4.6	4.6	2500	1035.0	+10	E	2	bc	36	85	7	7	-	-	4.6	4.6	2500	0	1	38	35	*	2	-	0.0	
7	Holyhead ...	26	1036.0	+22	E/S	3	30	38	75	6	-	-	-	0	0	*	1037.8	+10	E/S	4	bc	38	75	7	4	-	-	2.3	2.3	2500	1	2	41	37	31	1	-	0.0	
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1039.0	+4	ENE	2	C	35	85	6	5	-	-	10	10	4000	0	*	41	31	19	-	-	0.0				
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1039.3	+4	NE	3	C	37	75	7	5	-	-	7.8	7.8	2500	0	*	40	35	32	-	-	0.0				
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1038.9	+6	E	5	C	40	65	7	5	-	-	7.8	7.8	2500	0	*	43	35	29	-	-	*				
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1040.4	+6	E	3	C	38	75	7	5	-	-	10	10	4000	1	*	39	37	29	-	-	0.0				
10	Spurn Head ...	29	1037.3	+8	ENE	6	C	41	85	8	5	7	-	4.6	9	4000	1038.2	+6	NE	6	C	41	85	7	5	7	-	4.6	9	4000	0	4	43	40	*	-	0.0		
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1041.6	+16	N	1	C	38	85	7	5	7	-	7.8	10	2500	0	*	41	36	31	-	-	0.0				
	Tynemouth ...	100	1038.7	+12	SE	5	C/pr	43	85	8	6	-	-	7.8	7.8	1500	1041.8	+10	ESE	4	o/r	43	75	8	6	-	-	10	10	1500	1	3	46	42	38	Tr	0.4	1	0.0
11	Inchkeith ...	190	1040.7	+20	E	2	C	42	85	8	5	3	-	2.3	7.8	2500	1042.2	+14	E	3	C	42	85	8	5	-	-	7.8	7.8	2500	0	2	44	41	34	Tr	-	0.0	
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1043.3	+12	ESE	4	pr	43	75	8	7	-	-	9+	9+	2500	1	*	46	36	29	2	2	0.1	0.0			
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	1042.8	+14	-	0	30	35	85	5	5	-	-	9+	9+	4000	1	*	42	33	25	Tr	-	0.0				
	Ekdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1042.2	+12	NE	2	C	36	85	8	5	-	-	9+	9+	4000	1	*	41	34	32	Tr	-	1.2				
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1041.0	+14	SSE	3	C	43	65	7	5	7	-	7.8	9	4000	0	3	44	40	37	*	0.3	-	2.1			
13b	Stornoway ...	34	1038.5	+44	SSW	3	C	46	55	7	7	7	-	4.6	7.8	2500	1040.8	+6	SSW	2	C	45	65	7	5	7	-	7.8	9+	2500	1	1	46	41	*	Tr	-	0.9	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1043.8	+16	S	1	ir	36	95	6	3	4	-	7.8	10	800	1	*	39	35	32	-	1	0.0				
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	1044.7	+16	SE	2	C	44	55	8	5	7	-	9	9+	2500	1	2	47	42	39	2	2	0.0				
	Wick ...	81	1041.9	+14	SSW	4	bc	45	95	8	8	1	-	4.6	4.6	1500	1043.9	+12	S	4	bc/pr	45	85	8	8	1	-	4.6	4.6	2500	1	3	47	44	*	0.1	0.2		
16	Lerwick ...	54	1043.1	+16	SSW	5	C	46	75	7	5	7	-	4.6	7.8	1500	1044.1	+4	S	5	C	45	85	7	5	7	-	7.8	9	1500	0	*	46	43	*	0.2	0.0		
17	Blacksod Point ...	18	1033.5	+4	SE	2	bc	41	85	7	5	6	-	2.3	4.6	1500	1037.7	+12	E	1	C	40	75	7	-	-	0	0	-	0	2	46	38	*	Tr	-	1.6		
18	Malin Head ...	52	1037.2	+20	SE	1	30	42	65	6	5	-	-	9+	9+	1500	1039.5	+10	SE	1	C	42	65	7	5	-	-	9+	9+	1500	0	1	43	41	*	-	0.0		
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	1039.8	+10	E/S	2	C	41	65	7	5	-	-	10	10	4000	0	*	42	40	38	0.3	-	0.0				
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	1039.7	+10	E	4	c/p	44	65	7	5	-	-	9	9	1500	0	3	45	43	*	2	-	0.0				
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	1036.4	+8	NW	1	C	36	85	7	5	-	-	9+	9+	2500	1	*	40	35	29	-	-	0.0				
20	Valentia Obay.†	30	1032.5	+10	ENE	3	bc	39	95	8	7	-	-	4.6	4.6	4000	1038.4	+8	E	1	C	41	75	8	7	-	-	9+	9+	4000	1	2	49	36	32	0.1	0.1		
	Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	*	1034.5	+6	E	3	C	42	65	8	3	-	-	9	9	1500	0	3	45	39	*	Tr	Tr	5.5				
LONDON OBSERVATIONS.		Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sun- shine to Sunset hrs.	Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.	EXPLANATION OF FIGURES, LETTERS, etc.																								
Day 7h-18h, Kew & Croydon.			Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Glass °F.	Day.	Night.	Yester- day.	To-day.	24 hrs. ended 7h. G.M.T. 3rd				COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.				COLUMNS 8, 22.—Code for surface visibility. Objects not visible at 55 yards.																		
9h-18h, Kensington.													°F.				°F.				°F.				COLUMNS 4, 18. The BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.				COLUMNS 30.—Code for State of Sea.										
9h-21h, other stations, except Greenwich & Hampstead rainfall, 9h-18h.													24 hrs. ended 9h.				°F.				°F.				COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.				COLUMNS 36, 37. Tr. = rain has fallen, but amount less than 0.1 mm.										
Kew ...	18	bm. c3.	c3.	c3. cq	39	36	35	-	-	0.0	*	*	6	0.6	17h 2nd	Nil	4-6h. 3rd	0.8	19h 2nd	0.1	3h-8h 3rd	0	1	4	13-18	9	47-54	0	Calm.	5	Very rough.								
CROYDON ...	217	bc. m.	cm. bc	cm.	37	36	34	-	-	0.2	*	*	7		1	1-3	5		19-24	10	55-63		1	Smooth.	6	High.													
GREENWICH (Royal Observatory) ...	149	C	C	C	39	36	31	-	-	0.0	7.4	6.7	6		2	4-7	6		25-																				

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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 Valentinia W/T station ‡ Maximum and Minimum Temperatures and Rainfall are for the 24 hours ending 9h.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 4th December 1933.

No. 26310

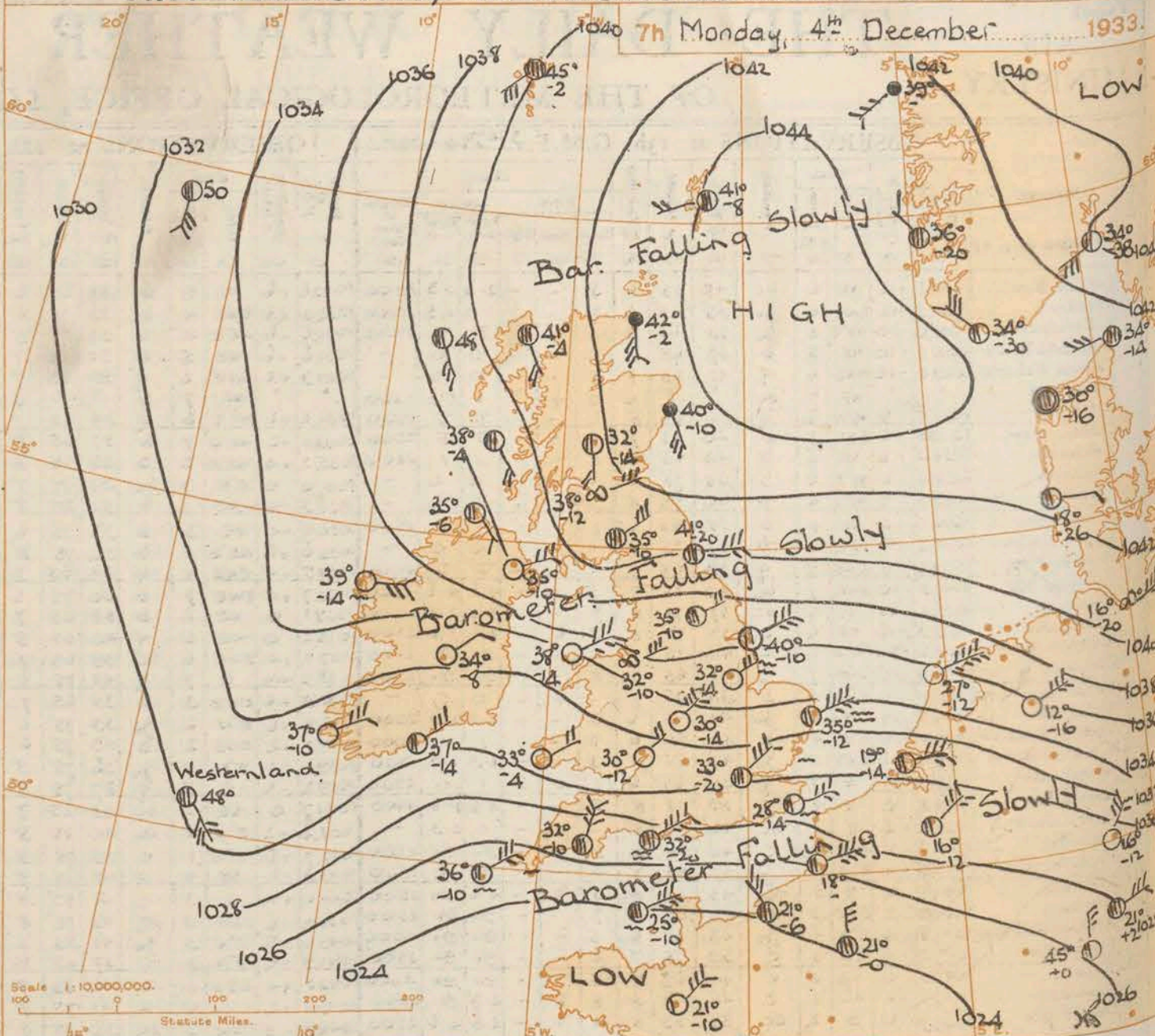
STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 3 rd December														OBSERVATIONS at 18h. G.M.T. 3 rd December														PAST 24 HOURS.						
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						State of Ground. 0-9	Sea. 0-9	WEATHER.				
			Direc.	Force.					Low.	Med.	High.	Low. 0-10	Total 0-10	Height of Base (feet)			Direc.	Force.					Low.	Med.	High.	Low. 0-10	Total 0-10	Height of Base (feet)			7h.-13h. 3 rd	13h.-18h. 3 rd	18h. 3 rd 4 th	1h.-Th. 4 th	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
1 London (Kew)...	1033.2	-12	NE	6	bc	40	55	6	5	-	-	2-3	2-3	2500	1033.6	+6	NE	5	b	37	65	6	-	-	-	0	0	-	0	*	cb	30	bc	bc	bc
Croydon	1032.5	-12	ENE	6	30	38	65	6	7	-	-	2-3	2-3	2500	1033.6	+8	ENE	4	b	35	75	6	-	-	-	0	0	-	0	1	cb	30	bc	bcc	
S. Farnborough	1032.0	-10	NE	5	30	38	65	5	5	-	-	2-3	2-3	2500	1032.6	+6	NE	4	b	35	75	5	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
Boscombe Down	1031.1	-20	NE	5	b	37	65	7	-	-	-	0	0	-	1031.6	+6	NE	5	b	34	65	7	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
Calshot, S'thmtn	1029.6	-22	NNE	6	q	41	65	7	-	-	-	0	0	-	1029.9	+4	NNE	6	q	39	65	7	-	-	-	0	0	-	0	4	cb	30	bc	bcc	
Dungeness	*	*	NE	7	bc	*	*	6	5	4	*	1	2-3	2500	*	*	NE	7	b	37	65	6	5	-	-	-	0	0	-	0	5	cb	30	bc	bcc
Lympe	1032.4	-6	NE	6	q	36	65	8	1	-	-	2-3	2-3	2500	1032.2	+2	NE	6	q	34	65	7	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
2 Shoeburyness	1033.3	-2	ENE	7	b	40	65	7	1	-	-	2-3	2-3	2500	1033.4	+2	NE	7	b	37	65	8	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
Felixstowe	1035.3	-6	NE	6	b	40	65	8	1	-	-	1	1	2500	1035.2	+4	NE	6	b	38	65	8	-	-	-	0	0	-	0	4	cb	30	bc	bcc	
Gorleston	1038.0	-2	NE	8	b	38	75	6	-	-	-	0	0	-	1037.0	0	E	7	bc	38	75	7	-	4	-	0	2-3	-	0	6	cb	30	bc	bcc	
Cranwell	1038.8	-6	NE	4	b	40	55	8	-	-	-	0	0	-	1038.5	-4	NE	3	b	32	85	8	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
3 Birmingham	1036.4	-6	NE	4	b	38	65	6	1	-	-	1	1	2500	1036.9	+4	NE	3	b	33	75	6	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
Upper Heyford	1034.5	-18	NE	6	b	37	75	8	-	-	-	0	0	-	1035.0	+6	NE	6	b	32	75	8	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
Ross-on-Wye	1034.0	-8	ENE	5	q	39	65	7	1	-	-	2-3	2-3	4000	1034.5	+4	ENE	4	b	34	65	7	-	-	-	0	0	-	0	*	cb	30	bc	bcc	
4 Portland Bill	1027.5	-20	ENE	7	bc	40	75	7	5	-	-	4-6	4-6	2500	1028.7	+4	ENE	7	b	40	75	6	-	-	-	0	0	-	0	5	cb	30	bc	bcc	
Plymouth	1029.1	-24	NE	6	bc	37	75	8	7	-	-	2-3	2-3	2500	1028.1	0	NE	6	b	38	65	7	-	-	-	0	0	-	0	1	cb	30	bc	bcc	
The Lizard	1028.3	-16	NE	6	c	39	75	8	8	6	-	4-6	7-8	2500	1026.6	0	NE	6	q	40	65	8	8	7	-	4-6	7-8	4000	1	4	c	cb	30	bc	bcc
Scilly (St. Mary's)	1029.2	-20	NE	6	c	40	75	7	9	-	-	9+	9+	2500	1027.2	+4	ENE	6	bc	39	65	7	5	-	-	2-3	2-3	4000	1	4	c	cb	30	bc	bcc
Guernsey	1025.3	-18	E	7	q	42	65	7	8	-	-	9+	9+	2500	1025.2	+10	E	7	q	41	75	7	8	-	-	7-8	7-8	2500	0	4	c	cb	30	bc	bcc
5 Pembroke	1033.5	-6	ENE	3	b	38	75	7	-	4	-	0	1	-	1032.9	+4	ENE	3	b	38	65	7	-	-	-	0	0	-	0	2	cb	30	bc	bcc	
Holyhead	1036.5	-14	E	6	30	41	65	6	5	-	-	2-3	2-3	2500	1036.9	+6	E	6	30	39	75	6	-	-	-	0	0	-	0	1	3	cb	30	bc	bcc
Chester (Sealand)	1039.1	-10	E	4	b	42	55	6	4	-	-	1	1	4000	1039.1	+2	E	4	b	39	75	6	-	-	-	0	0	-	0	0	0	0	0	0	0
L'pool (Bidston)	1039.5	-6	ENE	5	30	40	55	5	5	-	9	2-3	2-3	1500	1039.4	+4	E	5	30	36	75	5	-	-	-	0	0	-	0	0	0	0	0	0	0
Manchester	1039.4	-6	E	7	q	41	65	6	1	-	-	1	1	2500	1039.2	-2	E	5	q	37	75	5	-	-	-	0	0	-	0	0	0	0	0	0	0
6 Harrogate	1040.8	0	E	4	bc	39	75	8	5	-	-	4-6	4-6	4000	1041.7	0	NE	2	bc	33	85	7	5	-	-	2-3	2-3	4000	1	5	cb	30	bc	bcc	
Spurn Head	1039.2	+4	E	7	bc	40	75	8	-	1	-	0	2-3	-	1038.6	-2	E	7	bc	40	75	8	-	1	-	0	2-3	-	0	5	cb	30	bc	bcc	
Catterick	1042.3	-6	ENE	3	c	40	65	8	5	-	-	9+	9+	2500	1042.7	+6	NW	1	c	35	75	8	5	-	-	7-8	7-8	2500	0	3	c	cb	30	bc	bcc
Tynemouth	1042.9	-4	ESE	5	0	43	65	8	6	-	-	10	10	1500	1043.3	+6	SE	4	0	41	65	8	6	-	-	10	10	1500	1	3	c	cb	30	bc	bcc
7 Incheith	1044.6	0	E	3	c	43	65	8	5	7	-	4-6	9+	2500	1044.0	+4	E	3	c	41	85	8	5	-	-	10	10	2500	0	2	c	cb	30	bc	bcc
Leuchars	1044.0	-2	ESE	3	pt.	43	65	8	7	-	-	9+	9+	2500	1044.3	+6	ENE	3	pt.	43	75	8	5	-	-	10	10	2500	1	0	c	cb	30	bc	bcc
Renfrew (Abbott)	1042.8	-8	E	4	30	43	65	6	5	-	-	9+	9+	4000	1043.2	+6	E	4	30	41	85	6	5	-	-	10	10	4000	1	0	c	cb	30	bc	bcc
Eskdalemuir	1042.5	-4	E	3	c	39	75	7	4	-	-	9+	9+	2500	1042.9	+6	E	3	c	37	65	8	5	-	-	9+	9+	4000	1	0	c	cb	30	bc	bcc
8 Tires	1041.9	0	SE	4	c	44	65	9	5	-	-	9+	9+	4000	1042.1	+4	ESE	4	c	42	65	8	8	-	-	7-8	7-8	4000	0	3	c	cb	30	bc	bcc
Stornoway	1043.2	+4	SW	1	c	45	65	9	8	6	-	2-3	9	2500	1043.1	+2	-	0	c	42	75	8	4	6	-	7-8	9	2500	1	0	c	cb	30	bc	bcc
15 Dalwhinnie	1043.8	0	S	2	bc	37	85	8	4	1	-	2-3	4-6	2500	1044.8	-8	SW	3	bc	35	85	7	4	1	-	4-6	4-6	800	0	0	c	cb	30	bc	bcc
Aberdeen	1045.2	0	SE	3	c	43	65	6	5	-	-	10	10	4000	1045.0	0	SE	4	0	43	65	6	5	-	-	10	10	2500	1	2	c	cb	30	bc	bcc
Wick	1045.5	+8	S	3	c	45	75	8	5	1	-	7-8	9+	2500	1045.3	-2	S	3	c	44	75	8	5	2	-	9	10	1500	1	3	c	cb	30	bc	bcc
Lerwick	1046.1	+4	SW	4	c	45	75	8	7	8	4-6	7-8	1500	1046.3	+4	SW	3	c	42	85	8	5	-	-	9	9	1500	0	0	c	cb	30	bc	bcc	
17 Blacksod Point	1037.0	+2	SE	2	bc	42	65	7	-	7	-	0	4-6	-	1038.0	+2	E	3	b	42	65	7	-	4	-	0	1	-	0	3	bc	bc	bc	bc	
Malin Head	1040.0	-6	SE	3	c	45	75	7	8	-	-	9	9	1500	1040.4	0	SE	3	c	43	75	7	5	-	-	9+	9+								

REPORTS from HEALTH RESORTS for 3rd December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 3rd 9h.	Max. 9h. to 17h.	Night, 17h. to 3rd 9h.	Day, 9h. to 17h.	
1	Tunbridge W.	cbc	bc	33	38	-	-	4.8
	Bournemouth	beb	b	35	39	-	-	4.7
	Ventnor	ob	b	37	41	-	-	4.4
	Southsea	beb	b	36	41	-	-	5.0
	Bognor Regis	cb	b	35	41	-	-	5.4
	Littlehampton	bc	bc	35	41	-	-	5.5
	Worthing	cbeb	b	35	40	-	-	5.5
	Brighton	bc	bc	36	40	-	-	5.2
	Eastbourne†	cbeb	b	36	41	-	-	4.2
	Hastings†	cbc	beb	35	38	-	-	4.1
	Folkestone	bc	b	34	38	-	-	4.6
	Dover...	bc	beby	35	40	-	-	5.2
2	Deal	cbeb	b	35	38	-	-	4.5
	Ramsgate	beb	b	34	39	-	-	5.4
	Margate	bc	bc	36	40	-	-	5.2
	Southend	cq/bcb	bq	37	40	-	-	4.1
	Maldon	cb	b	37	40	-	-	5.0
	Clacton-on-Sea	bc	beb	36	40	-	-	4.2
	Dovercourt	bv	bv	37	41	-	-	5.8
	Lowestoft	b	b	35	39	-	-	6.0
	Skegness	beb	bc	38	40	-	-	6.0
	Mablethorpe	cbc	bc	39	40	-	-	5.1
	Cleethorpes	cb	bc	39	40	-	-	4.3
3	Leamington S.	b	b	35	40	-	-	6.0
	Cheltenham†	cbc	beb	34	37	-	-	3.8
4	Bath	bc	beb	35	39	-	-	3.3
	Weymouth	cb	b	34	40	-	-	4.8
	Jersey	c	cbc	36	41	-	-	0.1
	Torquay	p/cq	bcq	37	41	Tr	-	3.6
	Penzance	beb	b	36	41	Tr	-	5.7
	St. Ives	b	b	37	40	Tr	-	4.6
	Bude	cbc	b	34	39	-	-	5.0
	Ilfracombe	beb	b	35	42	-	-	6.2
5	Aberystwyth	cbc	cbc	37	40	-	-	5.7
	Llandudno	cbc	cbc	36	41	-	-	1.6
	Colwyn Bay	obc	beb	32	40	-	-	2.2
	Rhyl	c	cbeb	34	41	-	-	2.8
6	Wallasey	cbc	beb	34	41	-	-	1.4
	Southport	c	cbeb	32	41	-	-	5.5
	Blackpool	cbc	bc	36	42	-	-	4.0
	Morecambe	cbeb	cbbc	36	42	-	-	2.5
7	Ilkley	c	c	37	40	-	-	0.0
	Berwick-on-T.	op/o	op/o	41	44	1	0.3	0.0
	Dunbar	c	c	39	44	1	Tr	0.1
	Tron	ocbx	beb	35	44	-	-	3.2
	Douglas	cbq	bcq	40	42	-	-	3.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th Dec. 1933.

1. S.E. England	Fresh east or northeast wind, strong to gale locally on coast; fair or fine; very cold, with day temperature below freezing point in many places.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Moderate or fresh east or northeast wind; fair or fine; very cold.
7. North Wales	
8. N.W. England	
9. N. Midlands	Moderate or fresh easterly wind; cloudy, local showers of rain, sleet or snow; rather cold or cold.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Moderate east or southeast wind; fair; rather cold or cold.
13. { A. W. Scotl. B. N.W. Scot- land.	
14. Mid-Scotland	Light or moderate southerly wind; cloudy, local showers of rain, sleet or snow; rather cold.
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate easterly wind; fine or fair; cold.
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 indi-
cated by circle outside weather symbol. TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: — Clear sky. — Sky less than 1/2 cloudy. — Sky 1/2 to 3/4 cloudy.
— Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.
— Fog. — Mist. T Thunder. K Thunderstorm. oo 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 anticyclone, of which the central regions stretch from the Northern North Sea to the Black Sea, is decreasing in intensity. Except for local wintry showers near the Northeast Coast weather will be fair or fine and in the South very cold.

FURTHER OUTLOOK.

Continuing cold.

Time of issue of Gale Warnings.

- North Cone at 1510 on 2nd in Districts 1 and 5.
- North Cone at 0745 on 3rd in District 2.
- North Cone at 0900 on 3rd in Dogger.

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.

1933.

LOW

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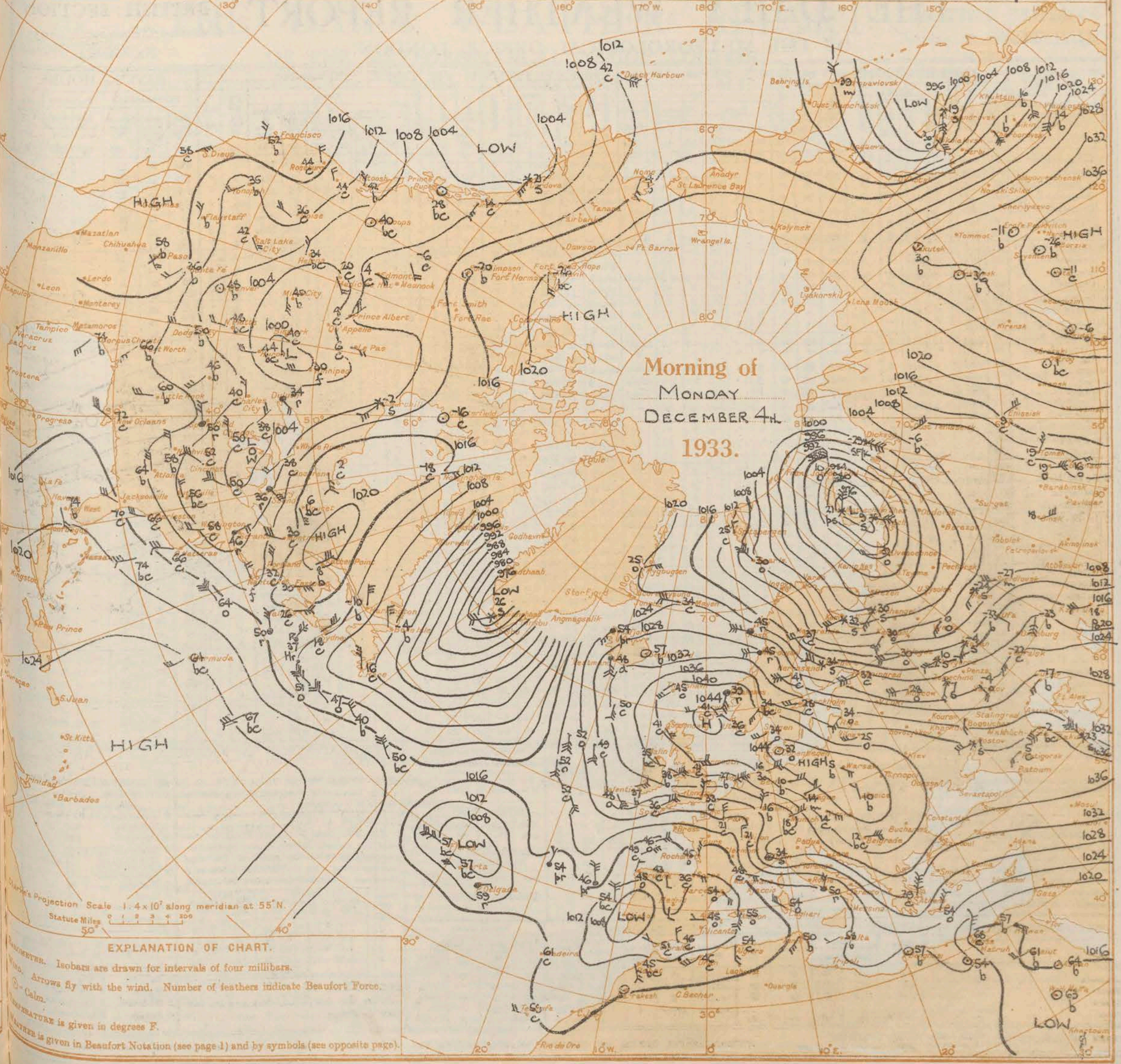
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Sc. F.R.S.
Director.



Morning of
Monday
December 4th
1933.

Scale 1:4 x 10⁷ along meridian at 55° N.

Statute Miles 0 100 200 300

EXPLANATION OF CHART.

Isobars are drawn for intervals of four millibars.
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).

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday 4th December 1933.
No. 24310

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 4th December														OBSERVATIONS at 7 hr. G.M.T. 4th December														PAST 24 HOURS.								
		Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (8)	Humid. % (7)	Visibility 0-9 (9-8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Direc. 0-12 (17)	Force. (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud.					State of Ground. 2-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. 3-9 (38)		
					Direc. (3)	Force. (4)					Low (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)									Height of Base (feet) (14)	Low (23)	Med. (24)	High. (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1029.2	-10	NE/N	4	C	32	75	5	7	-	-	9+	9+	2500	0	*	40	31	29	-	-	3.4			
	Croydon ...	217	1031.5	-10	NE	5	bc	33	75	7	5	-	-	4.6	4.6	1029.3	-20	NNE	4	C	33	75	7	5	-	-	9	9	2500	4	*	39	33	29	-	-	3.1	
	S. Farborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1029.0	-10	NE	4	C	31	75	6	5	-	-	7.8	7.8	2500	0	*	39	30	27	-	-	3.5			
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1028.9	-12	NE	5	C	30	75	8	5	-	-	9	9	2500	4	*	38	29	27	-	-	5.0			
	Calshot (S'thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	1027.5	-16	NE	5	C	35	75	7	7	-	-	9	9	2500	0	3	41	33	28	-	-	5.2			
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	NE	7	bc	*	*	6	4	-	*	4.6	4.6	2500	*	4	41	28	*	-	-	*			
	Lympne ...	346	1031.2	-14	NE/E	5	b	29	75	7	1	-	-	1	1	1028.6	-14	ENE	5	C	28	75	7	4	-	-	7.8	7.8	1500	4	*	36	27	22	-	-	5.4	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1029.7	-16	ENE	7	q	34	75	8	5	-	-	2.3	2.3	1500	0	*	40	34	28	-	-	5.0			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1030.5	-18	NE	6	bc	36	65	8	1	-	-	4.6	4.6	1500	0	4	40	34	32	-	-	5.2			
	Gorleston ...	5	1036.7	-9	NE/E	7	bc	36	75	7	2	-	-	4.6	4.6	1033.2	-12	ENE	7	b	35	65	7	2	-	-	1	1	4000	0	5	39	32	31	-	-	5.5	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1035.0	-14	NE	3	b	32	85	7	-	-	0	0	-	4	*	40	32	25	-	-	5.0				
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1032.9	-14	NE	4	b	30	75	5	-	-	0	0	-	0	*	39	29	24	-	-	3.6				
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1031.5	-10	ENE	5	b	28	85	8	-	-	0	0	-	4	*	37	28	22	-	-	*				
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1013.4	-12	NE	2	b	30	75	8	-	-	0	0	-	4	*	39	30	25	-	-	4.0				
5	Portland Bill ...	32	1027.8	-6	ENE	7	C	36	95	6	4	-	-	7.8	7.8	1025.6	-20	ENE	7	bc	32	75	7	5	-	-	4.6	4.6	2500	0	5	41	32	*	-	-	*	
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1026.0	-10	NNE	6	C	32	75	8	5	-	-	9+	9+	1500	1	2	40	31	28	-	-	6.0			
	The Lizard ...	240	1025.9	-2	NNE	7	Q	39	85	8	8	-	-	7.8	7.8	1024.6	-6	NE	7	q	36	75	8	8	-	-	9+	9+	2500	0	4	42	36	*	-	-	*	
	Scilly (St. Mary's) ...	163	1026.3	-4	ENE	6	C	40	75	6	5	-	-	9+	9+	1024.8	-16	ENE	5	C	36	75	7	5	-	-	9+	9+	2500	1	4	43	36	*	-	-	1.8	
	Guernsey ...	175	1025.2	-8	E/S	5	q	38	75	7	8	-	-	4.6	4.6	1023.6	-10	ENE	7	q	35	85	7	8	-	-	10	10	2500	0	4	43	35	34	-	-	0.0	
6	Pembroke ...	142	1031.4	+2	ENE	2	b	34	65	8	-	-	-	0	0	1030.2	-4	ENE	2	b	33	65	7	-	-	0	0	-	4	2	39	31	*	-	-	6.1		
7	Holyhead ...	26	1036.8	0	E/N	6	q	39	75	6	-	-	-	0	0	1034.2	-14	ENE	6	q	38	85	7	5	-	-	1	1	2500	1	3	42	37	34	-	-	5.4	
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1036.1	-10	E/N	3	30	32	75	5	5	-	-	1	1	4000	4	*	42	29	15	-	-	3.6			
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1035.7	-12	NE/E	5	b	35	75	6	-	-	0	0	-	4	*	40	34	31	-	-	1.7				
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1035.0	-6	E/S	5	30	36	75	6	5	-	-	1	1	2500	4	*	41	35	31	-	-	*			
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1037.7	-10	ENE	2	C	35	85	7	5	-	-	9+	9+	4000	1	*	39	32	26	-	-	0.4			
10	Spurn Head ...	29	1037.9	-4	E/N	7	bc	39	85	8	-	2	-	0	2.3	1035.2	-10	ENE	6	bc	40	85	8	-	7	-	0	2.3	-	0	5	41	38	*	-	-	4.8	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1038.9	-16	NE	2	C	37	75	8	5	-	-	9+	9+	2500	0	*	40	31	27	-	-	0.2			
	Tynemouth ...	100	1042.6	-6	E	5	C	41	75	8	6	-	-	7.8	7.8	1039.7	-20	E	5	C	41	65	8	6	-	-	9	9	1500	1	3	43	40	36	-	-	*	
11	Inchkeith ...	190	1044.0	0	E	2	C	40	65	8	5	2	-	4.6	10	1041.2	-12	E	2	C	40	75	8	5	2	-	4.6	10	2500	0	2	43	40	35	Tr	-	0.0	
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1044.1	-10	ENE	3	10	40	65	8	5	-	-	10	10	2500	1	*	44	39	37	0.1	0.1	0.0			
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	1040.7	-12	ENE	3	30	38	75	6	5	-	-	10	10	4000	1	*	43	34	23	-	-	0.6			
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1040.0	-10	NE/E	3	C	35	75	8	5	-	-	10	10	1500	1	*	39	34	32	Tr	-	0.2			
13	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1039.8	-4	SE/E	2	C	38	75	9	5	-	-	9	9	4000	0	2.4	45	37	33	-	-	0.3			
13a	Stornoway ...	34	1042.3	-8	-	0	C	39	75	8	8	6	-	7.8	9	1041.2	-4	SE	2	C	41	65	8	8	6	-	7.8	9	2500	1	1	45	35	*	-	-	0.0	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	-14	S	2	C	32	55	7	4	1	-	4.6	7.8	1500	5	*	37	30	22	Tr	-	0.2		
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	1042.6	-10	SE	3	10	40	65	6	5	-	-	10	10	2500	1	2	44	39	37	-	Tr	0.0			
	Wick ...	81	1044.3	-8	S	4	C	43	75	8	5	2	-	7.8	10	1042.6	-2	S	4	10	42	95	8	8	1	-	7.8	10	1500	1	3	46	41	*	-	0.1		
16	Lerwick ...	54	1045.0	-8	SSW	4	C	43	75	8	8	2	-	7.8	9+	1044.2	-8	WSW	2	C	41	75	9	5	2	-	4.6	9+	1500	0	*	45	40	*	Tr	0.4		
17	Blacksod Point ...	18	1037.9	-4	E	3	b	39	75	7	-	-	-	0	0	1034.6	-14	E	4	b	39	75	7	-	-	0	0	-	0	4	44	37	*	-	-	*		
18	Malin Head ...	52	1039.8	-6	SE	3	b	37	85	7	5	-	-	Tr	Tr	1037.6	-6	SE	1	bc	35	85	7	2	-	-	2.3	2.3	1500	0	1	45	35	*	-	-	1.3	
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	1038.1	-10	E	4	b	35	85	8	-	-	0	0	-	4	*	43	31	23	-	-	0.0				
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	1037.5	-20	SE	6	q	40	75	8	8	3	-	4.6	4.6	2500	0	3									

ON	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF
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blue sky (not more than a quarter covered with cloud).
 sky partly cloudy (one half covered). c, generally cloudy.
 drizzle. e, wet air. g, gloom.
 fog, visibility 220-1100 yds.
 thick fog, " less than 220 yds.
 fog over sea (coast station).
 fog on lower ground (inland station).
 mist, visibility 1100-2200 yds.
 hail. i, intermittent.
 precipitation within sight of station.
 storm of drifting snow.
 slight storm of drifting snow (generally low).
 heavy storm of drifting snow (generally low).
 slight storm of drifting snow (generally high).
 heavy storm of drifting snow (generally high).
 line squall. l, lightning.
 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 interfix o indicates slight: repetition of letters indicates continuity: t
 R, heavy rain. r_o, slight rain.
 rr, continuous rain.
 < , less than (for cloud height).
 ☉, Solar halo. ☾, lunar halo.

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.

- 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 Nimbus.
- 7 Fair weather Cu and St-Cu.
- 8 Large Cu (or Cu-Nb) and St-Cu.
- 9 Large Cu (or Cu-Nb) and Nb.

Note.—Nimbus—ragged low clouds of bad weather.

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

- 0 No medium clouds.
- 1 Typical A-St (thin).
- 2 Typical A-St (thick). (Sun or moon invisible).
- 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 part 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.

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

- 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° alti-
tude: 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).

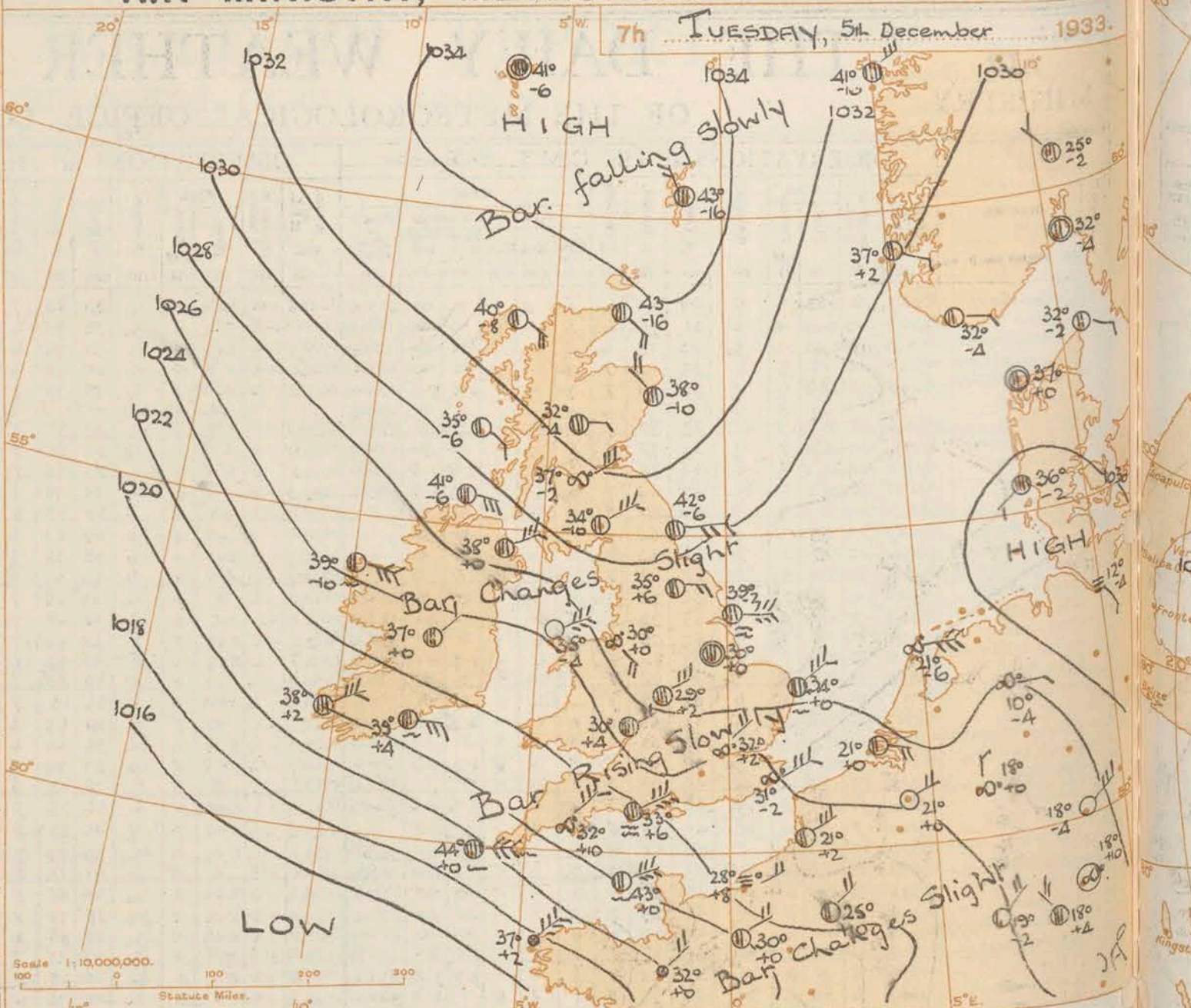
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REPORTS from HEALTH RESORTS for Monday 4th December 1933

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Fore-noon.	After-noon.	Min. 9h. to 4h.	Max. 4h. to 9h.	Night. 17h. to 9h.	Day. 9h. to 4h.	
1 Tunbridge W.	bc	bc	28	31	-	-	4.1
Bournemouth	bcc	bc	30	35	-	-	3.5
Ventnor	oco	ou	31	32	-	-	0.0
Southsea	bcb	bcc	32	36	-	-	4.7
Bognor Regis	bcb	bcc	30	33	-	-	4.0
Littlehampton	bcc	c	30	32	-	-	4.4
Worthing	bcc	bcc	30	32	-	-	1.3
Brighton	bc	bc	29	31	-	-	3.4
Eastbourne	co	oc	30	35	-	-	0.0
Hastings	c	co	29	33	-	-	0.4
Folkestone	xc	c	28	30	-	-	0.1
Dover	c	co	30	31	-	-	0.6
Deal	oc	co	29	31	-	-	0.2
Ramsgate	bcc	c	28	32	-	-	0.5
Margate	bc	bcc	29	32	-	-	0.8
2 Southend	bcc	co	33	33	-	-	0.3
Maldon	c	co	32	35	-	-	0.9
Clacton-on-Sea	bcc	co	34	36	-	-	0.0
Dovercourt	bcc	ocbc	34	35	-	-	1.7
Lowestoft	b	b	33	36	-	-	6.3
Skegness	b	b	37	40	-	-	6.4
Mablethorpe	bcb	bcb	38	41	-	-	5.6
Cleethorpes	b	b	37	40	-	-	5.4
3 Leamington S.	b	b	32	39	-	-	6.0
4 Cheltenham	max	b	23	33	-	-	6.7
5 Bath	b	bcc	30	35	-	-	5.5
Weymouth	cb	c	32	36	-	-	2.5
Jersey	bcc	bcc	28	32	-	-	2.0
Torquay	c	coq	34	37	-	-	0.0
Penzance	o	o	32	35	-	-	0.0
St. Ives	o	o	32	36	-	-	0.0
Bude	xbcb	bccp	29	39	-	-	5.3
Hilfrcombe	b	b	34	38	-	-	6.0
6 Aberystwyth	bcb	bzo	33	39	-	-	6.9
7 Llandudno	xbcz	bcz	35	40	-	-	0.0
Colwyn Bay	xbz	bcc	33	38	-	-	1.0
Rhyl	xbmo	bzo	33	39	-	-	0.0
8 Wallasey	xb	b	34	39	-	-	2.0
Southport	bcc	bcb	34	40	-	-	5.5
Blackpool	bc	bc	35	41	-	-	6.1
Morecambe	bcc	bc	35	40	-	-	6.0
9 Ilkley	bc	bc	33	40	-	-	3.9
10 Berwick-on-T.	o	o	39	41	-	-	0.0
11 Dunbar	cp	cp	38	41	-	-	0.0
12 Troon	bccx	b	31	41	-	-	1.8
Douglas	xbcc	bcc	37	41	-	-	3.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th Dec. 1933.

1. S.E. England	Moderate east or northeast wind; cloudy; less cold but still cold.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate or fresh east or northeast wind, strong on coasts at first; cloudy, perhaps local rain or sleet; rather cold.
6. South Wales	
7. North Wales	Light or moderate east or northeast wind; mainly fair; cold.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Moderate east or northeast wind, fresh locally; cloudy, local rain or sleet; rather cold.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	As 6 - 9.
13. { A.W. Scotl. B.N.W. Scot- land	Light or moderate east or southeast wind; fair; rather cold.
14. Mid-Scotland	
15. N.E. Scotland	Light northeasterly variable wind; cloudy, local rain or sleet; rather cold.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Moderate or fresh easterly wind; mainly fair; rather cold.
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 1/8 clouded. ○ Sky 1/8 to 1/2 clouded. ○ Sky 1/2 to 3/4 clouded. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. ▲ Hail.
Fog. ☼ Mist. T Thunder. T Thunderstorm. ☼ Slight haze.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclonic system, with its centres of highest pressure near the Faeroes and over Southeast Europe, is decreasing in intensity. Cold easterly winds will continue. Weather will be mainly dry but local rain or sleet may occur on the Northeast Coasts and in Southwest England.

FURTHER OUTLOOK.

Probably continuing cold.

Time of issue of Gale Warning.

North Cone at 1510 on 2nd in District 5.

Forecasts issued at 1010 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.

933.

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Morning of
TUESDAY,
5th DECEMBER,
1933.

Calm is indi-
cated by a
circle with
no feathers.
Arrows fly with the wind. Number of feathers indicate Beaufort Force.

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Coasts

Chart's Projection Scale $1:4 \times 10^7$ along meridian at $55^\circ N$.

Statute Miles 0 50 100

EXPLANATION OF CHART.

Isobars are drawn for intervals of four millibars.
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).

Sc. F.R.S.
Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 5th December 1933.

No. 26,311.

DATE.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 5th December														OBSERVATIONS at 7 hr. G.M.T. 5th December														PAST 24 HOURS.														
		Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force.	Weather.	Temp. of.	Humid. %	Visibility 0-9	Cloud.				Height of Base (feet).	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force.	Weather.	Temp. of.	Humid. %	Visibility 0-9	Cloud.				Height of Base (feet).	State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 4th Hr.								
											Form.			Amount.										Form.			Amount.				Form.			Amount.	Form.			Amount.	Max. Day 7h-18h of.	Min. Night 18h-7h of.	Min. on Grass of.	Day 7h-18h mm.	Night 18h-7h mm.	
											Low	Med.	High	Low										Med.	High	Low	Med.				High	Low	Med.	High	Low		Med.	High	Low	Med.	High	Low	Med.	High
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)									
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1026.6	+6	NE	3	C	33	75	6	5	-	-	10	10	2500	0	*	35	30	29	-	-	0.0									
	Croydon ...	217	1026.1	0	NE	2	C	29	75	6	5	-	-	9+	9+	1500	1025.9	+2	NE/N	2	30	32	85	6	5	-	-	10	10	1500	4	*	33	29	28	-	-	0.0						
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1026.2	+4	E/N	2	0	31	85	6	5	-	-	10	10	1500	4	*	34	28	27	-	-	0.1									
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1025.9	+2	NE	3	C	28	85	6	5	-	-	9+	9+	2500	4	*	33	26	25	-	-	1.8									
	Calshot (S'thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	1025.7	+8	NE/N	3	b	30	95	6	-	-	0	0	-	4	2	36	27	24	-	-	3.0										
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	ESE	3	C	*	*	6	2	1	*	4-6	7-8	1500	2	*	32	25	*	-	-	*									
	Lympne ...	346	1026.4	0	NE	3	b	23	85	6	4	-	-	1	1	2500	1026.2	-2	ENE	4	30	31	85	6	5	-	-	10	10	1500	4	*	28	22	19	-	-	1.1						
2	Sheerness ...	11	*	*	*	*	*	*	*	*	*	*	*	1026.7	+2	ENE	4	0	35	75	8	5	-	-	10	10	1500	4	*	35	29	29	-	-	0.2									
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1027.2	+2	ENE	3	C	35	85	6	5	-	-	10	10	1500	0	1	36	31	30	-	-	0.2									
	Gorleston ...	5	1028.5	-2	ENE	4	C	33	86	6	5	-	-	10	10	1500	1028.0	0	NE/E	4	C	34	75	6	5	-	-	10	10	1500	0	4	38	32	32	-	-	6.4						
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1028.9	0	-	0	C	30	95	7	5	-	-	10	10	4000	4	*	40	29	24	-	-	6.4									
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1028.1	+2	ENE	3	C	29	85	5	5	-	-	10	10	1500	4	*	38	28	23	-	-	4.9									
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1027.9	+8	NE	2	C	29	85	7	5	-	-	10	10	1500	4	*	34	29	26	-	-	*									
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1027.2	+4	E/N	2	0	30	85	6	5	-	-	10	10	2500	0	*	37	29	25	-	-	7.2									
5	Portland Bill ...	32	1022.9	+8	E	6	0	33	95	7	5	-	-	10	10	1500	1023.3	+6	ENE	6	0	33	85	7	5	-	-	10	10	1500	0	5	37	31	*	-	*							
	Plymouth ...	83	*	*	*	*	*	*	*	*	*	*	*	1022.9	+10	NNE	4	30	32	85	6	5	-	-	10	10	1500	0	2	35	32	32	-	-	1.0									
	The Lizard ...	240	1019.1	0	ENE	6	q	41	95	7	5	-	-	10	10	2500	1020.3	+10	ENE	7	q	40	95	6	5	-	-	10	10	1500	1	4	39	38	*	Tr	1	*						
	Scilly (St. Mary's) ...	163	1018.3	+2	E/N	5	Tr	41	95	5	8	-	-	10	10	1500	1019.5	+8	E	6	q	44	95	6	9	-	-	10	10	1500	1	4	37	37	*	Tr	1	0.0						
	Guernsey ...	175	1020.9	+2	E/S	4	C	37	85	7	8	-	-	7.8	7.8	2500	1020.5	0	E/N	6	C	43	75	6	8	-	-	10	10	2500	0	4	35	35	32	-	-	0.0						
6	Pembroke ...	142	1024.3	0	E	3	q	34	76	7	5	-	-	10	10	2500	1023.9	+2	E	4	q	32	95	6	5	-	-	10	10	2500	4	2	38	31	*	-	-	6.0						
7	Holyhead ...	26	1026.2	-10	E/S	6	bc	40	65	6	5	-	-	4.6	4.6	2500	1026.0	-4	E/N	6	b	35	75	8	-	-	0	0	-	1	3	41	35	32	-	-	4.9							
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1028.7	0	SE	2	30	30	85	6	5	-	-	7-8	7-8	4000	4	*	39	28	19	-	-	5.3									
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1028.6	0	E/S	2	bc	29	75	6	5	-	-	2-3	2-3	1500	4	*	39	28	24	-	-	0.0									
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1028.4	+2	SE	4	30	31	85	6	5	-	-	1	1	2500	4	*	40	30	20	-	-	*									
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1029.7	-6	E	2	C	36	85	7	5	-	-	9	9	4000	1	*	39	35	32	-	-	4.0									
10	Spurn Head ...	29	1028.3	0	E	6	bc	38	75	8	-	7	-	0	2.3	-	1028.0	-2	E	6	C	39	85	8	5	S	-	2-3	7-8	4000	0	5	41	38	*	-	-	6.0						
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1030.3	-6	NE	2	C	38	75	7	5	-	-	9+	9+	2500	0	*	41	36	32	-	-	1.6									
	Tynemouth ...	100	1032.7	-12	E	5	C	42	65	8	9	-	-	9	9	1500	1030.8	-6	E	4	C	42	65	8	9	-	-	7-8	7-8	1500	1	3	42	40	37	-	-	*						
11	Inchkeith ...	190	1033.6	-10	E	4	C	40	65	8	5	-	-	10	10	4000	1032.1	-6	E	3	Tr	41	85	8	9	-	-	10	10	2500	1	2	41	39	31	0.4	0.5	0.4						
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1032.4	-6	ENE	3	Tr	38	95	8	7	-	-	9	7-8	2500	1	*	41	37	31	1	0.6	0.2									
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	1031.8	-2	NE/E	3	30	37	95	6	5	-	-	9+	9+	4000	1	*	40	36	33	-	Tr	0.0									
	Esksdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1030.9	-10	ENE	4	bc	34	75	8	5	-	-	4-6	4-6	2500	1	*	37	33	31	Tr	-	-	0.0								
13	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1031.2	-6	ESE	1	bc	35	85	9	5	4	-	2-3	2-3	4000	0	2	40	31	21	-	-	1.6									
14	Stornoway ...	34	1034.5	-6	SE	3	bc	40	65	8	8	7	-	2.3	4.6	2500	1033.0	-8	ESE	2	bc	40	75	8	8	7	-	2-3	4-6	2500	1	1	42	39	*	-	-	4.3						
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1033.6	-4	E	1	C	32	85	8	4	1	-	2-3	9	2500	5	*	38														

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 6th December 1933.












No. 26,312.

STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 5th December														OBSERVATIONS at 18h. G.M.T. 5th December														PAST 24 HOURS.							
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.											
			Direc.	Force.					Low.	Med.	High.			Low.	Total 0-10					Height of Base (feet)	Direc.	Force.			Low.	Med.	High.	Low.	Total 0-10	Height of Base (feet)	7h.-15h. 5th.	15h.-18h. 5th.	18h. 5th. to 1h. 6th.	1h.-1h. 6th.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	
1 London (Kew)...	1027.1	-10	NE	3	f	35	85	3	5	-	-	10	10	<150	1026.3	-4	NE'E	4	0	34	75	5	5	-	-	10	10	800	0	*	cm, mif	ofommo	bm, x	bm, x		
Croydon	1026.8	-6	NE	3	m	35	85	4	5	-	-	10	10	1500	1026.2	0	NE	3	30	33	85	6	5	-	-	10	10	1500	1	*	cmom	ommo	bc, bm, x	bm, x		
S. Farnborough	1026.6	-10	NE'E	3	m	34	75	4	5	-	-	10	10	800	1026.1	-2	NE	3	m	33	85	4	5	-	-	10	10	800	0	*	cm	ommo	bc, bm, x	bm, x		
Boscombe Down	1026.0	-10	NE	3	c	33	85	6	5	3	-	4-6	9	1500	1025.3	+2	NE	3	0	31	95	5	5	-	-	10	10	800	4	*	cm	ommo	bm, x	bm, x		
Calshot, S'thmtn	1025.2	-16	NNE	4	c	37	85	6	-	3	-	0	7-8	-	1025.0	0	NNE	3	30	34	85	5	-	-	0	0	-	0	2	*	bm, bem	bm, bem	bm, bem	bm, bem		
Dungeness	*	*	ENE	3	bc	*	*	6	5	-	*	2-3	2-3	2500	*	*	NE	4	bc	*	*	6	4	-	*	4-6	4-6	1500	*	3	*	bc	bc	bc	bc	
Lymne	1026.7	-12	NE'N	3	b	35	75	6	-	-	-	0	0	-	1025.9	-4	NE'N	4	b	31	95	6	-	-	0	0	-	4	*	cm, bc, zo	bc, zo	bc, x	bc, x			
2 Shoeburyness	1027.0	-8	NE	3	c	38	75	6	5	-	-	9+	9+	1500	1026.6	0	NNE	2	c	34	95	6	5	-	-	10	10	1500	0	*	cm	cm	cm, bm	cm, x		
Felixstowe	1027.6	-6	NNE	3	c	37	75	6	5	-	-	9+	9+	1500	1027.2	-2	NW	2	30	30	85	6	5	-	-	2-3	2-3	1500	0	1	*	cm	cm, bm	bm, x	bm, x	
Gorleston	1028.2	-6	NE'E	3	bc	37	75	6	4	-	-	4-6	4-6	2500	1027.3	-2	ENE	4	b	36	75	7	1	-	-	7	7	2500	0	2	*	cm, bc	bc	bc	bc	
Cranwell	1028.9	-6	NNW	1	c	33	85	6	5	-	-	9	9	2500	1028.5	-2	NE	2	b	28	85	6	-	-	0	0	-	0	0	4	*	cm	cm, x	bx	bx	
3 Birmingham	1028.5	-2	ENE	3	c	29	85	5	5	-	-	10	10	1500	1027.5	-4	ENE	3	b	31	85	5	-	-	0	0	-	0	0	4	*	c	cb	bx	bx	
Upper Heyford	1028.4	-4	ENE	3	zo	30	85	6	5	-	-	10	10	800	1027.4	-4	NE	3	30	29	95	6	5	-	-	10	10	800	4	*	cm	cm	bx	bx		
Ross-on-Wye	1027.6	-6	ENE	3	o	31	85	6	5	-	-	10	10	2500	1026.8	-4	ENE	2	30	30	85	6	5	-	-	10	10	1500	0	*	o	cm	om, cm, x	bm, x		
4 Portland Bill	1021.8	-20	ENE	6	bc	38	85	7	4	4	-	2-3	4-6	2500	1022.6	+10	ENE	6	c	36	95	6	5	-	-	10	10	1500	0	5	*	obc	bc, zo	bc, zo	bc, zo	
Plymouth	1021.2	-22	NE	5	bc	38	65	7	-	3	1	0	4-6	-	1021.1	+2	ENE	4	bc	38	75	7	5	3	-	4-6	4-6	5700	1	2	*	cm, bc	bc	bc	bc	
The Lizard	1020.0	-10	ENE	6	c	41	95	6	5	-	-	9+	9+	1500	1019.2	0	ENE	6	c	44	95	7	5	-	-	10	10	2500	1	4	*	ogc	cm, po	cm, po	cm, po	
Scilly (St. Mary's)	1020.4	-6	E	5	c	42	95	6	5	-	-	9+	9+	1500	1019.2	-4	E	5	c	45	95	6	8	-	-	10	10	2500	1	4	*	cm, po	cm, po	cm, po	cm, po	
Guernsey	1020.4	-6	E	5	bc	45	75	6	5	7	8	4-6	4-6	4000	1020.4	+8	E	5	bc	44	75	7	5	-	-	4-6	4-6	4000	0	4	*	cm, bc	bc	bc	bc	
5 Pembroke	1025.2	-4	ENE	2	bc	35	75	7	5	4	-	2-3	2-3	2500	1023.1	-8	ENE	2	bc	35	85	7	5	-	-	2-3	2-3	4000	4	1	*	cbc	cm, bc	cm, bc	cm, bc	
Holyhead	1026.5	-6	ESE	2	b	39	75	7	-	-	-	0	0	-	1025.2	-6	E	4	b	35	85	6	-	-	0	0	-	0	0	1	*	b	bc	bc	bc	
Chester (Sealand)	1028.9	-10	S'E	3	zo	35	75	6	-	-	-	0	0	-	1028.3	0	SSE	2	30	25	95	5	-	-	0	0	-	0	0	4	*	cm, bc, zo	bc, zo	bc, zo	bc, zo	
L'pool (Bidston)	1028.3	-2	E'S	3	b	33	85	6	-	-	-	0	0	-	1028.0	0	ESE	2	b	30	95	6	-	-	0	0	-	0	0	4	*	cm, bc	bc	bc	bc	
Manchester	1028.8	-6	-	0	bf	37	75	3	1	-	-	7	7	2500	1028.2	-2	-	-	32	85	4	-	-	0	0	-	0	0	4	*	cm, bc	bc	bc	bc		
6 Harrogate	1029.5	0	E	1	b	38	75	5	5	-	-	7	7	4000	1029.0	0	-	0	35	85	5	-	-	0	0	-	0	0	1	*	cb	bc	bc	bc		
Spurn Head	1026.9	+2	E	4	bc	41	85	8	-	4	-	0	4-6	-	1028.0	-4	E'S	4	bc	40	85	8	-	-	0	2-3	-	0	4	*	cbc	bc	bc	bc		
Catterick	1029.5	-14	ENE	2	bc	41	65	8	4	-	-	4-6	4-6	4000	1029.4	-2	-	0	31	95	7	-	-	0	0	-	0	0	0	*	cbc	bc, bc	bc, bc	bc, bc		
Tynemouth	1030.4	+14	E	3	bc	43	55	8	9	-	-	4-6	4-6	1500	1029.2	-4	E	2	c	43	65	8	9	-	-	7-8	7-8	1500	0	2	*	cbc	bc	bc	bc	
7 Inchkeith	1031.3	-8	E	2	c	42	85	8	5	-	-	10	10	4000	1030.2	-6	SE	2	0	42	85	8	5	-	-	10	10	1500	0	1	*	cm	cm	cm	cm	
Leuchars	1031.1	-12	N	2	cl	41	95	7	5	-	-	9	9	800	1029.8	-8	-	0	40	95	7	5	-	-	10	10	800	1	*	cm	cm	cm	cm			
Renfrew (Abbotts)	1030.9	-10	ENE	3	cl	40	85	6	8	-	-	9+	9+	2500	1029.8	-4	E'S	2	30	40	75	6	5	-	-	10	10	4000	1	*	cm, po	cm, po	cm, po	cm, po		
Eskdalemuir	1030.3	-10	NE'N	3	pr	37	85	8	5	-	-	9	9	800	1029.5	-6	ENE	2	c	35	85	8	5	-	-	9	9	2500	1	*	cm, po	cm, po	cm, po	cm, po		
8 Tiree	1030.7	-8	ESE	3	bc	39	75	9	7	4	8	2-3	2-3	4000	1029.6	-12	E'S	3	c	41	75	9	5	5	-	-	7-8	9	4000	0	2	*	bc	bc	bc	bc
9 Stornoway	1032.3	-8	ESE	2	bc	43	65	9	8	6	-	2-3	4-6	4000	1030.3	-4	SSW	1	b	40	75	8	1	-	-	1	1	4000	1	1	*	bc	bc	bc	bc	
10 Dalwhinnie	1031.5	-16	NNW	3	cl	40	95	5	6	-	-	9	9	1500	1029.8	-12	NNW	3	cl	40	95	5	6	-	-	10	10	1500	1	1	*	cm, bc	bc	bc	bc	
Aberdeen	1032.4	-8	E	2	cl	45	95	7	8	6	-	7-8	9+	1500	1031.3	-12	W	1	cl	42	95	7	6	-	-	10	10	1500	1	2	*	cm, bc	bc	bc	bc	
Wick	1032.8	-10	NNE	3	c	45	85	6	5	2	-	4-6	10	1500	1031.1	-8	NNE	4	c	45	85	6	5	2	-	9	10	1500	0	1	*	cm	cm	cm	cm	
11 Lerwick	1025.9	-10	E	3	bc	39	75	7	-	-	4	0	4-6	-	1025.1	0	E	3	b	38	75	7	-	-	0	0	-	0	0	0	3	*	bc	bc	bc	bc
12 Blacksod Point	1028.2	-14	E	4	c	43	75	7	8	-	-	9+	9+	1500	1027.3	0	E	3	c	42	75	7	8	-	-	9+	9+									

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to Sunset. 5th...
				9h.—4h. to 9h. 5th.	9h.—17h. 5th.	17h.—4h. to 9h. 5th.	9h.—17h. 5th.	
1	Tunbridge W.	a	cbe	24	34	-	-	1.7
	Bournemouth	mbeom	mtom	26	36	-	-	2.4
	Ventnor ...	xa	ocb	29	37	-	-	0.1
	Southsea ...	bm	btom	27	37	-	-	2.5
	Bognor Regis	oocbe	beobc	27	36	-	-	2.3
	Littlehampton	bc	beb	26	38	-	-	2.9
	Worthing ...	cbe	beb	25	37	-	-	4.0
	Brighton ...	cbe	b	25	38	-	-	3.8
	Eastbourne†	ocb	b	26	38	-	-	3.0
	Hastings† ...	ocbeb	b	25	37	-	-	4.2
	Folkestone ...	xocbeb	b	27	37	-	-	3.6
	Dover... ..	bc	bc	29	39	-	-	5.9
	Deal	ocb	beo	28	37	-	-	3.5
	Ramsgate ...	bc	bce	28	37	-	-	3.8
	Margate ...	cbe	bc	29	38	-	-	2.6
2	Southend ...	om	om	31	36	-	-	0.0
	Maldon ...	o	o	32	36	-	-	0.0
	Clacton-on-Sea	oc	cm	31	37	-	-	0.0
	Dovercourt ...	oc	ocbe	32	37	-	-	0.0
	Lowestoft ...	cbeb	beb	31	36	-	-	2.3
	Skegness ...	bebe	beb	34	38	-	-	2.8
	Mablethorpe	bc	beb	35	39	-	-	3.3
	Cleethorpes...	b	b	36	40	-	-	5.2
3	Leamington S.	o	o	29	31	-	-	0.0
	Cheltenham†	om.	om.	29	31	-	-	0.0
5	Bath	c	c	30	33	-	-	0.0
	Weymouth ...	c	bc	29	37	-	-	2.3
	Jersey	crobe	cbe	29	44	0.5	-	3.0
	Torquay	oom.	op. bea	32	38	-	Trace	1.2
	Penzance ...	o	o	33	42	Trace	-	0.1
	St. Ives	o	c	33	41	-	-	0.1
	Bude	xocbe	cbe	29	38	-	-	3.4
	Ilfracombe ...	cbe	cbe	31	36	-	-	2.2
6	Aberystwyth	zbobb	obz	30	36	-	-	6.2
	Llandudno ...	beb	b	32	36	-	-	4.3
7	Colwyn Bay ...	obcbb	b	31	35	-	-	5.2
	Rhyl	bebbe	beb	29	36	-	-	5.0
8	Wallasey ...	xm bc	bc	28	35	-	-	3.0
	Southport ...	bz	bzz	30	34	-	-	0.0
	Blackpool ...	cz	cz	31	36	-	-	1.3
	Morecambe ...	cbece	bbce	36	42	-	-	3.9
9	Hikley	bc	bc	33	40	-	-	3.2
	Berwick-on-T.	co	o	39	43	-	-	0.0
11	Dunbar	r bc	bc	37	44	0.3	-	0.0
	Troon... ..	bc bcz	cbebe	32	42	-	-	1.5
	Douglas	xcbg	cbebe	37	41	-	-	1.1

[illegible]

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th December,
1. S.E. England	Light variable or northerly wind; fair apart from local fog night and morning; cold with frost at night; less cold tomorrow.
2. E. England...	Light or moderate northeast or north wind; variable sky perhaps local rain or sleet later; less cold.
3. E. Midlands	As 1.
4. W. Midlands	Light variable wind; fair apart from local fog night and morning; cold with frost at night, less cold tomorrow.
5. S.W. England	Moderate east to southeast wind; cloudy perhaps local rain; rather cold.
6. South Wales	
7. North Wales	Light or moderate southeast wind, mainly fair; cold with local frost at night.
8. N.W. England	As 4.
9. N. Midlands	
10. N.E. England	Light to moderate northerly wind; cloudy, local rain or sleet showers; rather cold.
11. S.E. Scotland	As 4.
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotland B. N.W. Scotland	Light northeast to north or variable wind; cloudy; rather cold.
14. Mid-Scotland	
15. N.E. Scotland	Light or moderate northerly wind; cloudy, local rain or sleet; rather cold.
16. Orkneys and Shetlands.	
17. N.W. Ireland	
18. N.E. Ireland	Moderate east or southeast wind; mainly fair; cold, local frost.
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 $\frac{1}{8}$ clouded.  Sky $\frac{1}{8}$ to $\frac{3}{8}$ clouded.  Sky $\frac{3}{8}$ to $\frac{5}{8}$ 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

An anticyclone centred near the Faeroes is decreasing in intensity. A trough of low pressure extending over Denmark from a depression over Russia is moving southeast or south. Conditions will be mainly dry, but there will be local rain or sleet near the Northeast coast, perhaps extending to the East coast later while local rain may occur in Southwest England.

FURTHER OUTLOOK

Probably less cold.

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.

1933.



Calm is indicated by a circle with a dot. ☉ - Calm. ☁ - Partly cloudy. ☀ - Partly sunny. ☀ - Partly sunny. ☀ - Partly sunny.

are in the North Atlantic. The weather is mainly the same as in the North Atlantic.

Sc. F.R.S. Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 6th December														OBSERVATIONS at 7 hr. G.M.T. 6th December														PAST 24 HOURS.							
	Height above M.S.L. in feet.	Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		Sun-shine Hrs.				
				Direc.	Force.					Form.	Amount.	Direc.				Force.	Form.					Amount.	Max. Day 7h-18h of (31)	Min. Night 18h-7h of (32)			Min. on Grass of (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)							
																														Low.	Med.		High.	Low.	Med.	High.
1 London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1022.5	-14	N'E	2	m	28	85	4	5	-	-	1	1	2500	4	*	35	27	18	-	-	0.0		
Croydon ...	217	1024.3	-6	*	m	27	95	4	*	*	0	0	1022.6	-10	*	0	bf	23	95	3	-	-	0	0	-	4	*	35	23	19	-	-	0.0			
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1022.6	-10	WNW	1	m	22	95	4	-	4	1	0	1	-	4	*	34	21	16	-	-	0.0		
Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1022.8	-6	N	1	c	27	95	6	-	3	-	0	9	-	4	*	34	25	23	-	-	0.7		
Calshot (St. Thomas) ...	8	*	*	*	*	*	*	*	*	*	*	*	1022.3	-6	NNW	3	m	31	95	4	-	7	-	0	9	-	0	1	37	31	27	-	-	1.2		
Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	N'E	2	bc	*	*	5	4	-	-	2.3	2.3	1500	*	2	37	25	*	-	-	*	
Lympne ...	346	1024.6	-6	E'N	2	3	26	95	6	-	-	0	0	1021.9	-12	NNE	3	3	31	95	6	-	5	-	0	0	-	4	*	36	24	19	-	-	4.7	
2 Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1022.3	-12	NNE	2	c	31	95	6	5	-	-	9+	9+	2500	4	*	38	24	18	-	-	0.1		
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1022.7	-14	NNW	1	c	29	95	6	5	-	-	7.8	7.8	2500	4	1	37	26	21	-	-	0.0		
Gorleston ...	5	1024.3	-12	NE	4	6	36	95	7	-	-	0	0	1022.5	-10	NE'E	3	b	38	75	7	-	-	0	0	-	0	2	37	36	32	-	-	0.2		
Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1024.6	-10	NW	1	bf	24	95	3	-	-	-	0	0	-	4	*	35	23	18	-	-	0.6		
3 Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1024.2	-10	NNE	1	bf	27	95	3	-	-	-	0	0	-	4	*	31	25	12	-	-	0.0		
Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1023.4	-18	NNW	1	m	24	95	4	-	4	-	0	1	-	4	*	31	23	19	-	-	0.0		
4 Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1023.8	-14	ESE	1	bcf	25	95	3	-	5	-	0	4.6	-	4	*	31	23	16	-	-	0.0		
5 Portland Bill ...	32	1022.2	-12	E'NE	6	0	36	95	6	5	-	10	10	1021.0	-10	ENE	5	d.d.	37	95	6	5	-	-	10	10	1500	1	4	40	35	*	-	Tr.	*	
Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1020.7	-2	NE	4	3	38	95	5	5	-	-	10	10	800	0	2	40	32	35	-	-	2.4		
The Lizard ...	240	1018.0	0	E'N	6	c	43	95	7	8	-	10	10	1018.4	+2	ENE	5	0	47	95	7	5	-	-	10	10	2500	1	3	44	42	*	-	*		
Scilly (St. Mary's) ...	163	1016.5	-12	E	5	c	46	95	5	9	-	10	10	1017.1	+8	SE	5	c	49	95	7	8	-	-	9+	9+	2500	1	4	45	44	*	-	4	0.0	
Guernsey ...	175	1021.0	-2	SSE	3	bc	44	95	6	-	1	0	4.6	1020.4	-4	SE	1	c	44	95	6	8	3	-	4.6	7.8	2500	0	3	45	43	35	Tr.	-	1.4	
6 Pembroke ...	142	1022.4	-8	E'NE	3	m	33	95	4	5	-	9+	9+	1021.2	-6	ESE	3	c	35	85	7	5	-	-	9+	9+	4000	4	2	37	31	*	-	-	2.7	
Holyhead ...	26	1024.0	-2	E	4	6	37	85	6	-	-	0	0	1022.3	-6	ESE	2	bc	35	95	6	5	-	-	4.6	4.6	1500	4	1	40	33	24	-	-	5.7	
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1024.6	-10	SSE	2	m	23	95	4	5	-	-	9	9	1500	4	*	35	19	14	-	-	3.3		
8 L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1024.7	-6	E'S	2	bf	27	95	2	-	-	-	0	0	-	4	*	34	26	24	-	-	-	3.6	
Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1024.8	-4	*	*	F	21	95	0	5	-	-	10	10	<150	5	*	38	20	14	-	-	*		
9 Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1025.4	-6	*	0	b	28	75	7	-	-	-	0	0	-	4	*	38	28	19	-	-	-	3.5	
10 Spurn Head ...	29	1025.3	-4	E	3	bc	39	95	8	4	-	0	2.3	1023.9	-2	NE	3	c	38	95	7	5	7	-	4.6	7.8	4000	5	2	41	38	*	-	-	5.8	
Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1025.2	-8	W	1	bc	31	95	6	5	-	-	4.6	4.6	2500	4	*	42	25	19	-	-	2.4		
Tynemouth ...	100	1026.8	-12	E	2	bc	41	75	8	2	-	4.6	4.6	1023.9	-8	WSW	2	bc	38	85	5	2	-	-	4.6	4.6	2500	0	2	43	37	31	-	-	-	
11 Inchkeith ...	190	1027.3	-8	ENE	1	c	41	95	7	5	7	-	4.6	1025.6	-8	ENE	2	c	42	95	8	8	-	-	10	10	1500	0	1	43	41	38	0.1	Tr.	0.0	
Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1025.0	-16	WNW	1	c	40	95	6	5	-	-	9+	9+	1500	1	*	43	37	32	0.4	0.2	0.1		
12 Renfrew (Abbotts D) ...	18	*	*	*	*	*	*	*	*	*	*	*	1025.4	-8	-	0	3	35	95	6	5	-	-	9+	9+	2500	1	*	41	34	32	Tr.	-	0.0		
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1025.8	-8	-	0	b	28	85	8	-	3	-	0	1	-	4	*	39	27	21	Tr.	-	1.4		
13a Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1026.0	-8	E'N	3	c	40	85	9	5	7	-	7.8	9+	4000	0	2	41	37	31	-	-	0.4		
13b Stornoway ...	34	1028.3	-8	WNW	1	c	37	85	8	6	-	4.6	10	1026.3	-6	N	2	c	40	95	8	9	-	-	10	10	2500	1	1	43	33	*	-	-	5.7	
15 Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1025.1	-16	NW	3	c	41	95	6	6	7	-	4.6	7.8	1500	1	1	40	40	38	0.6	1.0	0.0		
Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	1026.9	-16	NNW	4	c	43	85	7	5	2	-	7.8	10	1500	0	2	45	40	*	-	-	0.0		
Wick ...	81	1028.1	-10	NNE	2	c	46	95	6	6	-	10	10	1026.9	-16	NNW	4	c	45	95	7	6	-	-	10	10	1500	1	2	45	40	*	-	-	0.0	
16 Lerwick ...	54	1028.4	-10	NNE	3	c	43	85	7	5	2	-	4.6	1025.9	-16	NNW	4	c	43	85	7	5	2	-	7.8	10	1500	0	2	46	42	*	-	-	0.0	
17 Blacksod Point ...	18	1024.0	-12	E	3	6	40	85	7	-	-	0	0	1022.0	-10	E	3	b	40	85	7	-	-	0	0	-	0	3	40	35	*	-	-	0.6		
18 Malin Head ...	52	1025.9	-10	E	1	6	37	85	7	5	-	Tr	Tr	1024.4	-6	S	1	b	35	95	7	5	-	-	Tr	Tr	1500	5	1	43	31	*	-	-	0.1	
Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	1024.8	-10	NE	2	b	29	95	6	-	-	-	0	0	-	4	*	41	29	22	-	-	Tr.	*	
Donaghadee ...	46	*	*	*	*	*	*	*	*	*	*	*	1024.3	-8	S'E	3	c	41	85	8	8	3	-	4.6	7.8	2500	0	2	44	40	*	-	-	5.0		
19 Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	1021.6	-6	ESE	1	bc	23	95	8	-	4	-	0	2.3	-	4	*	39	22	15	-	-	Tr.	0.1	
20 Valentia Obs.† ...	30	1021.2	-10	E'S	3	c	41	95	8	5	-	7.8	7.8	1019.1	-6	E	4	bc	43	85	8	8	-	-	2.3	2.3	2500	1	*	44	35	32	-	-	*	
Roches Point ...	22	*	*	*	*	*	*	*	*	*	*	*	1019.7	-6	NE	3	c	43	85	7	5	-	-	9	9	1500	0	4	42	38	*	-	-	*		

LONDON OBSERVATIONS.													EXPLANATION OF FIGURES, LETTERS, etc.																													
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h—18h.													Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 hrs. ended 7h. G.M.T. 6th.												COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.						COLUMNS 8, 22.—Code for surface visibility. Objects not visible at											
Height above M.S.L., in feet.													Weather				Temperature.			Rainfall.		Sun- shine to Sunset, hrs.		Humidity.		Visibility 8h.																
													Morning.			Afternoon.			Night.			Day Max.	Night Min.	Min. on Grass	Day.	Night.	Yesterday.		To-day.													
													24 hrs. ended 9h.						°F.	°F.	°F.	mm.	mm.																			
Kew 18													cm.	mf.	of.	mm.	bx.	35	27	18	-	-	0.0	.	.	3																
CROYDON 217													cm.	mf.	of.	mm.	bx.	35	23	19	-	-	0.0	.	.	2																
GREENWICH (Royal Observatory) ... 149													cm.	mf.	of.	mm.	bx.	35	25	14	-	-	0.0	79	90	2																
CITY (Bunhill Row)													cm.	mf.	of.	mm.	bx.	.	.	.	-	-	0.0	.	.	.																
WESTMINSTER (St. James' Park) ... 27													.	.	.	.	.	36	27	24	-	-	0.0	79	85	.											
REGENTS PK. (Botanic Gardens) ... 168													.	.	.	.	.	(35)	27	21	-	-	0.0	79	87	.											
CAMDEN SQUARE 110													o	o	.	.	.	35	27	21	-	-	.	.	82	.																
KENSINGTON 80													co	co	.	.	.	35	27	21	-	-	0.0	At 18h.	.	.																
HAMPSTEAD OBSERVATORY 450													o	o	.	.	.	bx.	33	26	21	-	-	0.0	12	99	.															
FOREIGN OBSERVATIONS.													18h. G.M.T. 5th. December.						7h. G.M.T. 6th. December.						Past 24 Hours.						0 1 4 13-18 9 47-54											
STATIONS.													Barom. mb.		Wind. Direc. Force.		Weather.	Temp. °F.	Barom. mb.		Wind. Direc. Force.		Weather.	Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall. Day. Night. mm. mm.		1 1-3 5 19-24 10 55-63													
PARIS													1023.7		NE 1		c	34	1021.3		NNE 1		m	25	39	25	-		-		2 4-7 6 25-31 11 64-75											
BRUSSELS													1025.4		NE 2		b	23	1022.0		~ 0		b	18	19	16	-		-		3 8-12 7 32-38 12 75											
BERLIN													1029.4		WSW 1		3.	25	1021.7		WSW 3		F.	19	25	19	-		-													
ZÜRICH													1026.0		ENE 1		m.	28	1023.6		WSW 1		3.	27	28	.	.		.													
ROME													1019.8		ENE 2		d.d.	52	1017.7		ENE 3		o	48	54	46	1		-													
																															COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.											
																																					COLUMNS 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.					

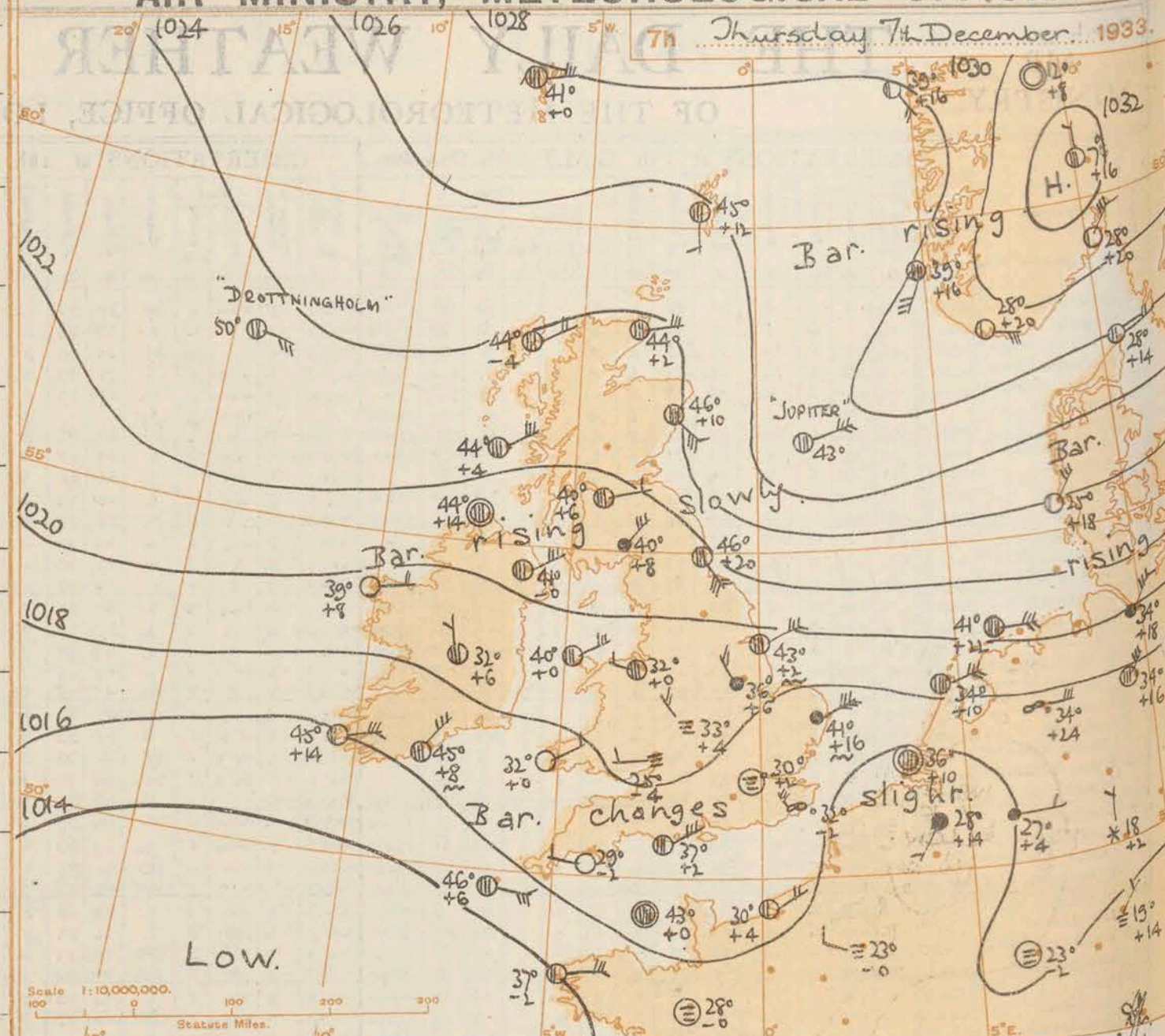
STATIONS.	OBSERVATIONS at 13h. G.M.T. 6th December														OBSERVATIONS at 18h. G.M.T. 6th December														PAST 24 HOURS.						
	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3-4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility (8)	Cloud. (9-13)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17-18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility (22)	Cloud. (23-27)					State of Ground. (29)	Sea. (30)	WEATHER. (31-34)						
			Dir. (3)	Force. (4)					Low. (9)	Med. (10)	High. (11)	Low. (23)	Med. (24)			High. (25)	Low. (26)					Total (27)	Height of Base (feet) (28)	Th. - 13h. (31)	13h. - 18h. (32)	18h. 6th. to 1h. 7th. (33)			1h. - 7th. (34)						
																														Form. (9)	Amount. (10)	Height of Base. (feet) (13)	Form. (23)	Amount. (24)	Height of Base. (feet) (27)
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	
1 London (Kew)...	1020.7	-20	S	1	F	31	85	1	5	-	-	10	10	<150	1019.2	-8	NW	1	bf	31	95	2	-	-	-	0	0	-	4	*	bmx o f x	b f x b f x	b b c f x	b e f x o m x	
2 Croydon	1020.9	-14	-	0	F	30	95	1	5	-	-	10	10	<150	1019.4	-2	-	0	F	28	95	2	5	-	-	10	10	<150	5	*	b o f f x	o f f x	o f f x	o f x c f m	
3 S. Farnborough	1020.7	-18	N'E	1	c f	32	85	3	5	-	-	9+	9+	1500	1019.5	-4	-	0	b f	30	95	3	-	-	-	0	0	-	4	*	b m a b e f x	c f b f x	b f x	b m x c m x	
4 Boscombe Down	1020.7	-18	NE	2	b c	35	85	6	5	8	1	Tr	2-3	800	1019.3	-6	NNE	1	0	31	85	5	5	-	-	10	10	800	4	*	e m x b e m	b e m	c m b x m	b x m	
5 Calshot, S'thmtn	1020.6	-14	NW	2	30	36	75	5	-	3	-	0	2-3	-	1019.0	-4	NW	3	m	32	95	4	-	5	-	0	4-6	-	0	1	c m x b e m	b e m	b m b x m	b x m c m x	
6 Dungeness	1020.2	-14	N	2	c	37	85	4	4	-	-	9+	9+	1500	1018.6	-6	NNE	2	c f	32	95	3	-	-	-	7-8	7-8	800	4	*	f	c	b c	b c	
7 Lympne	1020.2	-14	NNE	2	m	37	85	4	4	-	-	9	9	1500	1018.6	-6	N	2	b f	32	95	3	-	-	-	0	0	-	4	*	b m x e m	e m b f x	b f e m x	c x m o	
8 Shoeburyness	1020.3	-14	N'E	2	b c	39	75	5	5	-	-	2-3	2-3	2500	1018.4	-14	NW	2	b	32	85	6	-	-	-	0	0	-	0	*	c x b e m	b m	b m x	c i d. m o	
9 Felixstowe	1020.5	-14	N'E	2	30	40	75	6	-	-	-	0	0	-	1018.7	-6	NW	2	30	33	85	6	5	-	-	4-6	4-6	2500	0	1	e m x b m	b z b c z o	b c z o c z o	c z o f e	
10 Gorleston	1020.4	-12	NNE	3	c	42	85	7	4	-	-	7-8	7-8	2500	1018.6	-8	WN	2	c	40	85	6	4	-	-	9	9	2500	0	2	b b c c	e m c	c i d. m	o d d f g	
11 Cranwell	1022.0	-18	NW	1	b	34	85	5	5	3	1	Tr	1	4000	1020.0	-12	WS	2	m	33	95	4	5	-	-	9+	9+	2500	4	*	b f x f f	b m c m	c m o d d	d d m f	
12 Birmingham	1022.2	-8	-	0	b F	31	95	1	-	-	-	0	0	-	1020.2	-8	NNE	2	c	34	85	5	5	-	-	9+	9+	1500	4	*	b f f	F c	c	c o f e o	
13 Upper Heyford	1021.8	-10	NNE	2	30	33	85	5	-	3	-	0	1	-	1020.2	-10	N	3	b F	27	95	1	-	-	-	0	0	-	4	*	b a m	b m f x	b F x c	c f d d	
14 Ross-on-Wye	1021.2	-16	NE	2	b f	30	85	3	-	-	9	0	61	-	1020.1	-8	E	1	c f	25	95	2	5	-	-	9	9	800	4	*	b f a b f	b f f	o f x	o f f x	
15 Portland Bill	1020.0	-12	ENE	4	c	38	85	6	5	4	-	4-6	7-8	1500	1018.7	-10	ENE	4	b c	37	85	7	4	-	-	2-3	2-3	2500	0	3	i d p r c z o	e b c	b c b c z	b c c	
16 Plymouth	1018.8	-14	ENE	4	30	41	85	5	7	6	4-6	9	5700	1018.3	0	NE	3	30	37	95	5	5	-	-	-	4-6	4-6	800	0	2	c m	c b c m o	b c m b f	b c c	
17 The Lizard	1017.3	-8	E	4	c	52	85	8	8	7	4	4-6	7-8	4000	1016.4	-4	E	4	c	48	85	7	8	-	-	9	9	1500	1	3	o c	e b c c	b c c c	c o	
18 Scilly (St. Mary's)	1016.3	-6	SE'S	4	c	52	85	7	2	4	-	4-6	7-8	2500	1015.7	-2	SE'S	4	c	49	85	7	2	4	-	4-6	7-8	2500	1	3	c b c c	e b c c	b c b c	b c c	
19 Guernsey	1019.3	-8	-	0	30	47	85	5	-	1	8	0	4-6	-	1018.4	-8	E	2	b c	44	85	6	-	1	8	0	4-6	-	0	2	c b c c z	b c b c	c o	o	
20 Pembroke	1019.8	-8	E	2	30	38	85	6	5	-	-	9+	9+	2500	1018.6	-6	E	2	30	37	85	6	5	-	-	7-8	7-8	2500	0	1	c c m o	c m c	c m b c m	b c m b x	
21 Holyhead	1020.6	-14	ENE	3	30	41	75	6	5	-	-	2-3	2-3	2500	1019.5	-6	E'S	1	b	35	95	6	-	-	-	0	0	-	1	0	c b c z o	b c z o	b m c m	b x c m o	
22 Chester (Sealand)	1022.4	-18	SE'S	1	m	33	85	4	-	-	-	0	0	-	1021.3	-2	SE'E	1	b f	26	95	3	-	-	-	0	0	-	4	*	b c x b m f	m b f a	b m f a	b f f c	
23 L'pool (Bidston)	1022.1	-12	E	2	b f	35	75	2	-	-	-	0	0	-	1021.2	-2	SE'E	2	b F	30	95	1	-	-	-	0	0	-	0	*	a b f	b f m f a	b f x f	x f e	
24 Manchester	1022.4	-18	-	-	F	22	95	0	5	-	-	10	10	<150	1020.8	-10	-	F	19	95	0	5	-	-	-	10	10	<150	5	*	o f e x	o f e x	o f e x	o f e x	
25 Harrogate	1022.4	-10	NW	1	c	38	85	7	5	-	-	9	9	4000	1019.9	-6	WSW	1	c	40	95	6	5	-	-	10	10	4000	1	*	b b c c	c	o f f d d	o f f d d	
26 Spurn Head	1021.0	-6	WN	4	c	40	95	6	5	7	-	4-6	9+	2500	1018.6	-8	WNW	4	30	39	95	6	5	-	-	10	10	1500	0	2	c b c c	c o z	f f d c	c d c	
27 Catterick	1022.0	-18	SWW	1	c	39	85	6	5	-	-	9+	9+	2500	1020.0	-4	NW	2	DD	41	95	6	5	-	-	10	10	1500	1	*	b x m c m o	c m o	o m o d d	o d d m	
28 Tynemouth	1021.9	-12	WNW	2	d d	42	95	4	6	-	-	10	10	1500	1019.9	-12	NNE	3	o r	46	95	7	6	-	-	10	10	1500	1	2	b c m o i d	o i d r	o c r	o i r g	
29 Inchkeith	1023.4	-14	ENE	2	i d o	43	95	6	8	-	-	10	10	1500	1021.6	-4	NE	4	c	43	85	8	8	-	-	10	10	1500	0	3	c i d	p d c	c	c i r o	
30 Leuchars	1023.2	-8	NNE	2	i d o	45	95	7	5	-	-	9+	9+	800	1021.8	-6	NE	3	c	42	85	8	5	-	-	9+	9+	2500	1	*	d d m i d o	c b c c d d c	c	c i r o i r	
31 Renfrew (Abbott)	1023.4	-12	-	0	i d o	40	95	4	6	-	-	10	10	1500	1021.4	-10	E'N	2	o d	44	85	6	5	-	-	10	10	2500	1	*	e f d m	c f d c	c i d c	c b c c	
32 Eskdalemuir	1022.3	-12	NNE	2	o i d	41	95	6	5	-	-	10	10	450	1021.0	-2	NE	4	i d o	41	95	6	5	-	-	10	10	800	1	*	b x c i d o	c i d o	c i d o c	c i d o d d	
33 Tiree	1013.9	-10	E'N	2	c	44	75	9	5	-	-	9+	9+	4000	1022.4	-8	E'N	2	c	43	85	9	5	-	-	9+	9+	4000	0	1	c	c	c	c	
34 Stornoway	1025.3	-10	ENE	2	c p r	46	95	9	8	6	-	7-8	10	1500	1024.2	-4	ENE	2	c p r	44	85	7	8	2	-	4-6	10	1500	1	1	c i d p r o	c p r o	c	c	
35 Dalwhinnie	-	-	-	-	-	36	85	8	4	4	-	2-3	9	1500	1023.6	-8	N	2	c	37	95	6	4	4	-	7-8	10	800	1	*	c	c	*	b c	
36 Aberdeen	1023.8	-10	NW	2	i d o	44	95	5	6	-	-	10	10	1500	1022.3	-8	NW	3	0	42	85	6	6	-	-	10	10	2500	1	1	o m i r o	i d o	d b e o d	b c o i r	
37 Wick	1025.3	-6	NNW	3	c	45	85	8	5	2	-	7-8	10	1500	1023.2	-12	N	3	c	45	95	8	8	2	-	7-8	10	1500	1	2	o c	c o f d c	c i d c	c p r c	
38 Lerwick	1024.3	-14	N	4	c	44	85	7																											

REPORTS from HEALTH RESORTS for Wednesday 6th December 1933.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Fore-noon.	After-noon.	Min. 9h.-5th. to 9h. 6th.	Max. 9h.-17h. 6th.	Night. 17h. 5th. to 9h. 6th.	Day. 9h.-17h. 6th.	
1 Tunbridge W.	bc	bc	22	36	-	-	4.6
Bournemouth	obcm	bcm	24	38	-	-	2.4
Ventnor	xobcc	bcz	33	39	-	-	3.1
Southsea	bc	bc	28	38	-	-	1.6
Bognor Regis	bcb	bcb	29	37	-	-	4.9
Littlehampton	bcb	b	27	38	-	-	5.0
Worthing	b	b	29	37	-	-	5.8
Brighton	b	b	30	38	-	-	4.7
Eastbourne	bc	mbm	28	38	-	-	3.6
Hastings	xobcc	bcc	28	37	-	-	3.8
Folkestone	xobcm	bcbm	29	39	-	-	1.3
Dover	fpmc	mcb	30	40	-	-	1.9
Deal	fz	bc	29	39	-	-	0.0
Ramsgate	bcm	bcm	32	41	-	-	2.3
Margate	bc	bc	34	42	-	-	3.3
2 Southend	cf	bcbf	29	39	Trace	-	1.8
Maldon	cb	b	28	39	-	-	3.9
Clacton-on-Sea	ebcm	bcm	29	40	-	-	4.4
Dovercourt	xbm	bc	28	40	-	-	6.0
Lowestoft	b	bcbz	33	42	-	-	3.9
Skegness	bco	o	38	41	-	-	0.8
Mablethorpe	co	o	37	42	-	-	0.0
Cleethorpes	etc	co	36	41	-	-	0.8
3 Leamington S.	om	qf	20	31	-	-	0.0
4 Cheltenham	oxsf	ctxf	21	30	-	-	0.0
5 Bath	mcb	bcm	26	35	-	-	2.2
Weymouth	c	ccb	31	40	-	-	1.1
Jersey	bc	bcz	37	44	-	-	5.5
Torquay	om	obcm	33	40	-	-	0.0
Penzance	mccc	mcbcc	38	50	0.3	Trace	0.6
St. Ives	o	c	37	48	-	-	0.0
Bude	xc	cbcb	30	38	-	-	0.8
Hfracombe	o	o	32	41	-	-	0.0
6 Aberystwyth	cxzbc	bc	30	40	-	-	4.5
7 Llandudno	xb	b	29	41	-	-	5.9
Colwyn Bay	xbb	b	26	39	-	-	6.4
Rhyl	xb	b	29	40	-	-	6.1
8 Wallasey	xfb	bcf	29	38	-	-	2.7
Southport	bfbz	bzcf	23	33	-	-	0.0
Blackpool	bc	bcc	28	39	-	-	5.0
Morecambe	xbccb	bbbm	28	37	-	-	6.5
9 Ilkley	bc	bc	24	43	Trace	Trace	3.2
10 Berwick-on-T.	opco	o	36	46	Trace	Trace	0.0
11 Dunbar	cdm	cd	39	46	0.5	1	0.0
12 Troon	cxcm	coecf	32	43	-	-	0.0
Douglas	xbc	bcx	36	41	-	-	6.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



BAROMETER. Isobars are drawn for intervals of two millibars.
 WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. TEMPERATURE is given in degrees F.
 WEATHER SYMBOLS: — Clear sky. — Sky less than 1/2 clouded. — Sky 1/2 to 1/2 clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.
 SEA DISTURBANCE. — Rough. — High.
 BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone with the centre of highest pressure over Southern Scandinavia is spreading south and southeast. Weather will be less cold in the Southeast and Central districts. There will be local rain or drizzle in the East and North but in the West and Southwest conditions will be mainly dry.

FURTHER OUTLOOK.

Rather cold.

Forecasts issued at 1000 G.M.T.

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

DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th Dec. 1933.

1. S.E. England	Light variable to easterly winds; dull, local rain or drizzle; some mist or fog; less cold.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light or moderate easterly wind; cloudy, bright intervals locally; moderate temperature.
6. South Wales	Light easterly wind; variable sky; less cold.
7. North Wales	
8. N.W. England	Light or moderate easterly wind; cloudy or dull, local drizzle; local mist or fog; less cold.
9. N. Midlands	
10. N.E. England	Light or moderate easterly wind; cloudy, occasional local rain; moderate or rather low temperature.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	As 7 - 9.
13. { A. W. Scotland. B. N.W. Scotland.	Light or moderate easterly wind; mainly cloudy; moderate temperature.
14. Mid-Scotland	
15. N.E. Scotland	Light or moderate east or southeast wind; cloudy, local showers; moderate or rather low temperature.
16. Orkneys and Shetlands.	
17. N.W. Ireland	As 19-20
18. N.E. Ireland	As 7 - 9.
19. S.E. Ireland	
20. S.W. Ireland	Light or moderate easterly wind; cloudy bright intervals; less cold.

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

1933.

1032

28° +16

28° +14

18

34° +18

34° +16

18 +1

15° +14

Calm is indicated by degrees F.

to 10 clouded

leaf

temperature

West

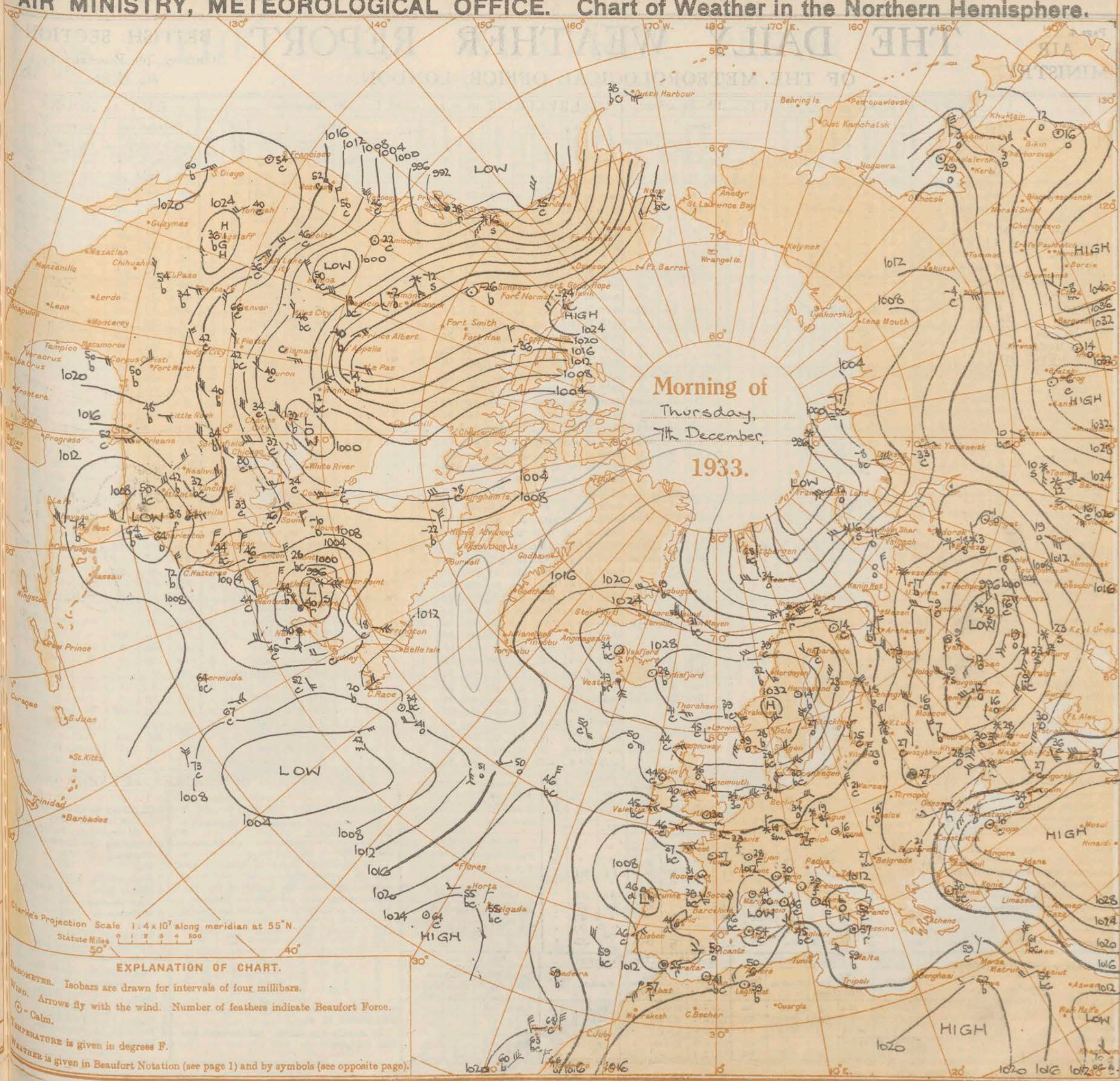
South

the local

West

Sc. F.R.S.

Director.



† 1-hr observations are from Valencia W/T station ‡ Maximum and Minimum Temperatures and Rainfall are for the 24 hours ending 9h

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

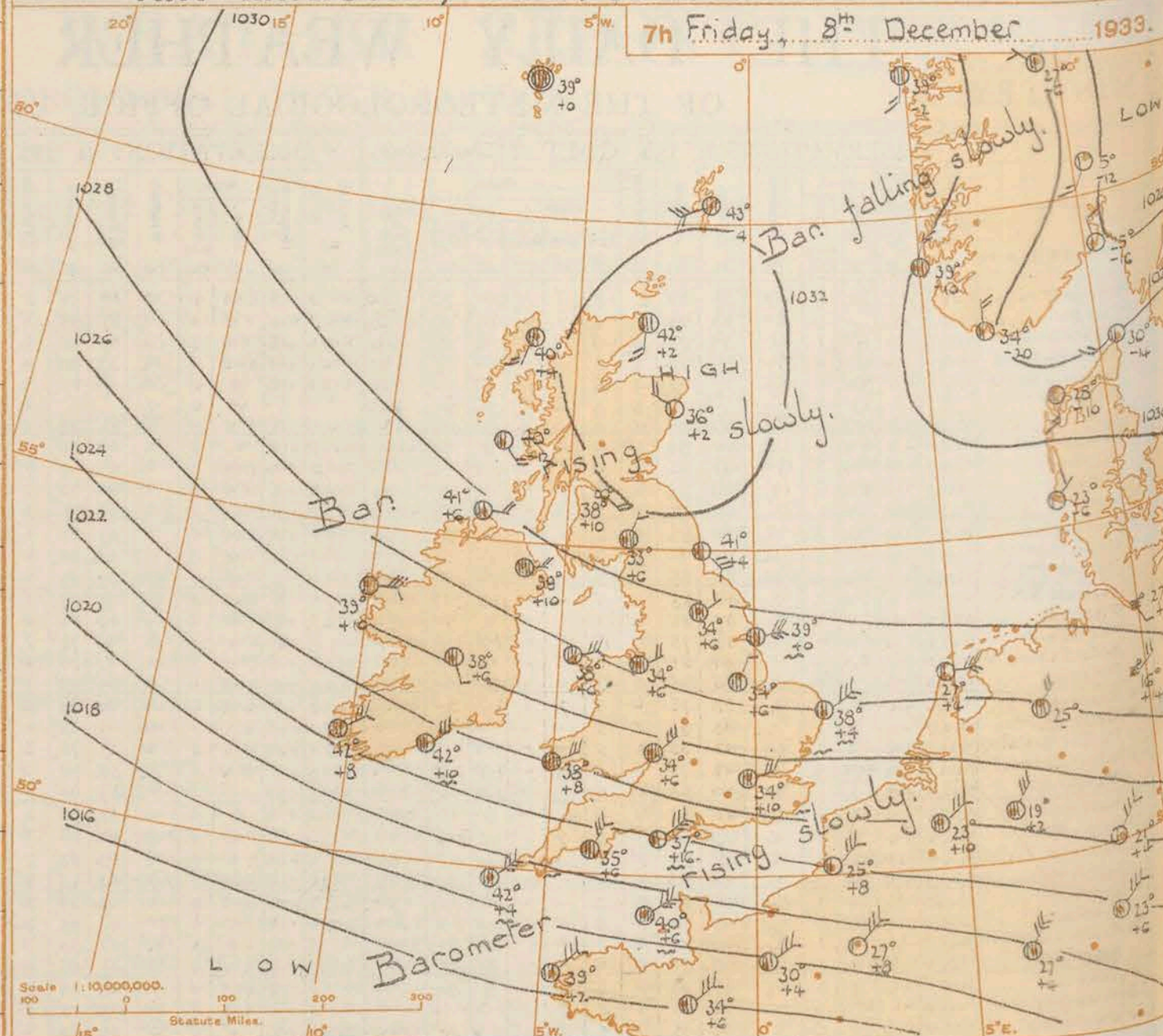
STATIONS.	OBSERVATIONS at 13h. G.M.T. 7 th December.														OBSERVATIONS at 18h. G.M.T. 7 th December.														PAST 24 HOURS.						
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.										
			Direc.	Force.					Low.	Med.	High.			Low.	Med.					High.	Low.	Med.			High.	Low.	Total 0-10	Height of Base (feet)	7h.-15h. 7 th	15h.-18h. 7 th	18h. 7 th to 1h. 8 th	1h.-7h. 8 th			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
(For heights see p. 4.)																																			
1 London (Kew)...	1018.6	-2	NE	2	df	38	95	2	5	-	10	10	<150	1021.3	+18	ENE	4	0	39	75	7	5	-	-	10	10	1500	1	*	ofdo	omdo	o	cy		
Croydon	1018.3	+2	-	0	df	33	95	1	5	-	10	10	<150	1020.9	+20	E'N	4	id	37	95	5	5	-	-	10	10	450	1	*	offdo	offddom	omdo	cs. bcc		
S. Farnborough	1018.4	-4	N'E	1	df	34	95	2	5	-	10	10	220	1020.6	+16	E'N	3	id	37	95	6	5	-	-	10	10	450	1	*	oidf	ogdfoid	odoc	cbcc		
Boscombe Down	1018.4	-6	NE'N	2	m	36	95	4	5	-	10	10	220	1020.1	+14	ENE	4	m	37	95	4	5	-	-	10	10	450	1	*	bcmoim	omsmom	omoc	cbx		
Calshot, S'thmtn	1018.2	-2	N'W	2	df	37	95	2	5	-	10	10	800	1019.3	+10	NE	4	id	40	85	6	5	-	-	10	10	800	1	2	cmoadf	omfcmo	cidomc	bc		
Dungeness	*	*	NE	3	df	37	95	5	3	-	9+	9+	800	*	*	NE	4	q	*	*	6	8	-	*	9+	9+	1500	*	3	d	c	cidomc	bc		
Lympne	1017.9	+6	NE'E	4	df	39	95	4	6	-	10	10	220	1021.0	+18	E'N	5	3o	36	85	6	5	-	-	10	10	800	1	*	id fddm	ddmomo	omsc	cbq.v		
2 Shoeburyness	1018.4	+8	E'N	3	id	40	95	6	5	2	-	9	10	1500	1022.0	+14	E	5	c	39	75	7	5	-	-	7-8	7-8	2500	1	*	cidmo	cidmc	c	cq.yv	
Felixstowe	1019.7	+18	ENE	5	cl	41	85	7	6	2	-	7-8	10	1500	1022.9	+20	ENE	5	c	40	65	7	5	-	-	10	10	1500	1	3	feeldzo	circ	c	cps cy	
Gorleston	1021.2	+16	E'N	6	q	40	95	6	9	-	-	10	10	1500	1023.9	+12	E'N	6	c	40	75	7	5	-	-	9+	9+	1500	0	5	oirg	cq	cq	cph	
Cranwell	1022.0	+14	E'N	4	c	41	75	7	8	-	-	7-8	7-8	4000	1025.1	+16	NE'E	2	c	34	95	6	5	-	-	9	9	2500	1	*	ofdo	bc	cmo	cs.	
3 Birmingham	1020.7	+10	ENE	3	m	39	85	4	6	-	-	9+	9+	800	1023.4	+14	ENE	4	c	37	85	6	5	-	-	9+	9+	1500	1	*	fdof	cm	cbcc	c	
Upper Heyford	1019.8	+8	ENE	3	id	38	95	6	5	1	-	9+	10	800	1022.5	+20	ENE	3	c	36	95	6	5	-	-	10	10	800	1	*	ofdo	cm	cmo	c	
4 Ross-on-Wye	1019.8	+4	E'S	2	fold	32	95	2	5	-	-	10	10	1500	1021.6	+10	ENE	4	ofdo	38	85	4	5	-	-	10	10	800	1	*	fdof	cm	cmo	c	
5 Portland Bill	1017.4	+6	NE	3	c	42	85	6	4	-	-	7-8	7-8	2500	1017.5	+2	ENE	5	dd	41	95	6	5	-	-	10	10	1500	1	3	c	cgododo	o	oc	
Plymouth	1018.1	-6	E	2	b	37	85	6	1	-	1	7	7	4000	1018.7	+8	NE	2	if	39	85	4	5	-	-	7-8	7-8	1500	1	2	bffxm	cm	cmw be	cbcy	
The Lizard	1017.0	0	ENE	4	c	43	75	7	2	-	-	7-8	7-8	2500	1017.3	0	ENE	3	c	42	75	7	4	-	-	9	9	2500	0	2	obcc	c	cpr	cpgc	
Scilly (St. Mary's)	1017.1	0	E'N	3	c	44	85	6	5	-	-	10	10	2500	1017.9	+4	ENE	3	bc	41	75	6	4	-	-	2-3	2-3	2500	0	2	c	cbc	cmcd	idoc	
Guernsey	1016.4	-4	-	0	3o	45	75	5	8	-	-	9+	9+	1500	1016.7	+4	ESE	2	o	44	85	7	5	-	-	10	10	1500	0	2	omc	o	oprocc	cq	
6 Pembroke	1019.2	+4	E	1	3o	39	75	6	5	7	-	2-3	9+	4000	1019.8	+8	ENE	2	id	40	85	6	5	7	-	4-6	7-8	4000	0	2	bccmnc	cmidc	c	cq	
Holyhead	1020.9	+10	E	4	c	43	85	5	5	-	-	10	10	1500	1023.5	+22	E'N	3	m	41	85	4	5	-	-	4-6	4-6	1500	1	1	cmc	rcm	bccm	cm3c	
Chester (Sealand)	1022.2	+10	E	2	cl	41	85	4	5	-	-	7-8	7-8	1500	1025.1	+22	E'S	3	b	37	75	6	5	-	-	7-8	7-8	2500	1	*	ffoidc	cbmb	b, c	c	
8 L'pool (Bidston)	1022.2	+6	ENE	4	m	42	75	4	5	-	-	7-8	7-8	800	1024.8	+12	E'N	3	3o	38	75	5	-	-	0	0	-	0	-	0	*	Fin	cm	m, c	co
Manchester	1022.5	+18	-	-	pr	40	95	4	6	2	-	7-8	10	800	1025.2	+20	-	-	m	37	75	4	-	-	0	0	-	0	-	5	*	Fpm	cbmx	bmxcn	cm
9 Harrogate	1023.6	+10	E	3	3o	41	85	6	6	2	-	9	10	2500	1026.3	+14	E	2	c	37	95	6	6	2	-	9	10	2500	1	*	fdocir	cir	cir	c	
10 Spurn Head	1022.4	+4	E	6	c	43	75	7	5	7	-	2-3	7-8	2500	1025.3	+6	E	5	bcpr	40	95	7	3	7	-	2-3	4-6	2500	1	4	dc	cprbc	bcc	prh	
Catterick	1024.4	+24	ESE	1	c	42	85	8	8	-	-	9+	9+	4000	1027.2	+20	E	3	c	39	85	7	5	-	-	9+	9+	2500	1	*	mcp	cir	cbfc	c	
Tynemouth	1024.6	+20	ESE	5	c	45	65	8	6	-	-	9	9	1500	1027.6	+22	ESE	5	clpr	43	65	8	9	-	-	7-8	7-8	1500	1	3	ocq	cprq	cpocq	oq	
11 Inchkeith	1026.3	+14	NE	3	clpr	42	85	8	9	-	-	10	10	1500	1027.9	+16	ENE	3	c	42	85	8	8	-	-	7-8	7-8	2500	1	3	rcpr	cpr	c	c	
Leuchars	1026.4	+14	ESE	3	clpr	45	75	8	8	-	-	7-8	7-8	2500	1029.0	+18	E	4	pr	41	85	8	8	-	-	9+	9+	1500	1	*	cirbc	cprpr	c	cpr	
12 Renfrew (Abbots)	1025.1	+14	E	2	3o	45	75	5	5	-	-	9+	9+	4000	1027.5	+16	E	3	3o	42	75	5	5	-	-	10	10	4000	1	*	cmz	czo	c3o	c3o	
Esksdalemuir	1025.4	+16	E	3	cl	39	85	8	6	-	-	9+	9+	1500	1027.7	+18	E'N	3	clpr	37	85	8	5	-	-	7-8	7-8	2500	1	*	cirir	cirpr	c	c	
13 Tiree	1024.7	+6	E	3	ir	45	75	9	5	7	-	9	9+	2500	1027.0	+18	ESE	4	c	44	75	9	5	7	-	7-8	9	2500	0	2	c	circ	cbcc	c	
13 Stornoway	1026.0	+6	ESE	3	bc	45	75	8	7	1	2-3	4-6	2500	1028.4	+20	SSE	3	bc	46	75	8	4	4	-	2-3	2-3	4000	1	2	cprcbc	bccb	bcc	bcc		
15 Dalwhinnie	1026.9	+16	-	0	c	40	75	7	4	4	-	4-6	10	1500	1029.7	+18	-	0	ir	36	85	6	3	4	-	7-8	10	1500	1	*	ir	ir	*	ir	
Aberdeen	1027.9	+16	SE'E	4	c	44	75	7	8	-	-	9	9	2500	1030.7	+18	ESE	4	c	42	65	7	5	-	-	7-8	7-8	2500	1	2	cprc	cprbc	bcq, bc	bc3o	
Wick	1028.3	+20	S	4	c	46	95	8	8	8	-	4-6	7-8	1500	1030.5	+10	S	4	id	45	95	8	6	-	4-6	4-6	1500	1	3	cprc	cprbc	cprc	c		
16 Lerwick	1029.4	+10	SW	2	pr	44	85	7	8	7	-	7-8	9	800	1031.3	+14	WSW	3	clpr	43	85	7	9	2	-	4-6	7-8	1500	1	*	cpr	cpr	c	c	
17 Blackod Point	1021.7	+10	E	3	bc	40	85	7	-	-	4	0	2-3	-	1023.3	+16	E	2	b	40	95	7	-	-	0	0	-	0	3	b	b	cr	bc		
18 Malin Head	1022.6	+6	E'N	4	pr	46	85	7	8	-	-	9+	9+	1500	1024.5	+20	E	2	clpr	43	95	7	3	-	-	9+	9+	1500	1	1	c	cpr	c	c	
Aldergrove	1022.9	+10	E	3	c	44	85	8	8	-	-	9+	9+	1500	1025.0	+14	NE'E	2	clr	41	85	7	5	-	-	9+	9+	1500	1	*	edbcc	cprc	c	c	
Donaghadee	1022.4	+4	ESE	3	ir	46	85	8	6	-	-	9	9	1500	1024.9	+12	ESE	3	c	46	75	7	5	-	-	9	9	1500	0	2	cir	cir	cprc	c	
19 Birr Castle	1020.8	+12	N	1	bc	40	85	7	-	-	2	0	2-3	-	1021.2	+6	N	1	c	39	95	7	5	-	-	9+	9+	2500	0	*	cbc	bcc	c	c	
20 Valentia Obay.	1019.3	+6	E'N	1	bc	47	75	8	1	-	-	2-3	2-3	5700	1020.5	+14	-	0	b	39	95	8	1	-	-	7-8	7-8	2500	1	1	bc	bcb	bx bc	bcc	
Roches Point...	1019.3	+12	NE	3	bc	44	75	8	5	-	-	2-3	2-3	2500	1019.6	+6	N	3	bc	40	85	8	5	-	-	2-3	2-3	2500	0	3	cbc	bc	bc	c	

REPORTS from HEALTH RESORTS for 7th DECEMBER 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Forenoon.	Afternoon.	Min. 9h. to 7h.	Max. 9h. to 7h.	Night 7h. to 9h.	Day 9h. to 7h.	
1	Tunbridge W.	ofd	od	20	39	-	0.3	0.0
	Bournemouth	mo	norm	24	38	-	1	0.0
	Ventnor	xco	odou	30	40	-	0.3	0.2
	Southsea	cm	com	28	40	-	0.3	0.0
	Bognor Regis	smc	oido	30	39	-	Tr	0.0
	Littlehampton	c	cir	26	39	-	0.1	0.1
	Worthing	o	d, d	30	40	-	0.3	0.0
	Brighton	cod	do	30	40	-	1	0.3
	Eastbourne	mod	no	30	40	-	1	0.0
	Hastings	amd	odo	31	40	Tr	1	0.0
	Folkestone	gmod	omid	34	41	-	1	0.0
	Dover	ford	odo	34	41	0.1	1	0.0
2	Deal	ofr	so	30	42	-	0.3	0.0
	Ramsgate	odom	cm	36	44	0.4	0.2	0.0
	Margate	cd	c	33	44	0.3	0.1	0.0
	Southend	ofd	odt	31	41	0.2	1	0.0
	Maldon	oc	cod	32	41	-	Tr	0.0
	Clacton-on-Sea	omps	o	31	41	-	0.2	0.0
	Dovercourt	ford	doc	31	43	Tr	Tr	0.0
	Lowestoft	c	c	37	41	1	-	0.0
	Skegness	obe	bcodo	32	43	1	Tr	2.0
	Mablethorpe	con	cbe	37	43	1	Tr	4.1
	Cleethorpes	ocbe	bcro	37	43	1	0.1	1.5
3	Leamington S.	ome	oro	26	39	Tr	1	0.0
	Cheltenham	ofid	oidf	23	39	Tr	1	0.0
4	Bath	fo	fo	21	33	-	1	0.0
	Weymouth	cb	cedo	26	41	-	Tr	2.2
	Jersey	cz	cz	37	44	-	-	0.0
	Torquay	cm	bcod	28	41	-	Tr	3.6
	Penzance	cm	bbcm	38	44	-	-	2.7
	St. Ives	b	b	39	43	-	-	4.0
	Bude	ab	obe	20	40	-	-	6.0
	Ilfracombe	cm	cm	24	41	-	-	0.0
5	Aberystwyth	cm	ife	24	41	-	-	0.0
	Llandudno	cm	ome	23	42	-	Tr	0.0
	Colwyn Bay	mb	djbc	23	42	-	Tr	0.0
	Rhyl	cm	mb	23	42	-	Tr	0.0
6	Wallasey	xf	c	29	43	-	0.3	0.0
	Southport	od	oco	27	40	-	0.1	0.1
	Blackpool	co	c	30	43	0.3	-	0.4
	Morecambe	cid	debc	28	44	Tr	Tr	0.6
7	Ilkley	cd	cd	24	42	1	Tr	0.3
	Berwick-on-T.	oc	o	36	45	0.4	Tr	0.1
	Dunbar	bc	cb	40	45	2	1	0.1
	Troon	dc	bc	33	47	Tr	Tr	1.1
	Douglas	cc	cc	34	45	-	1	0.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th December, 1933.

1. S.E. England	Moderate or fresh easterly wind; cloudy, snow showers, especially near East Coast; cold.
2. E. England...	
3. E. Midlands	
4. W. Midlands	Light or moderate easterly wind; cloudy, perhaps bright intervals; cold.
5. S.W. England	Moderate or fresh easterly winds; cloudy, bright intervals locally; rather cold.
6. South Wales	
7. North Wales	As 4.
8. N.W. England	
9. N. Midlands	Light or moderate easterly wind; cloudy, local wintry showers; rather cold or cold.
10. N.E. England	
11. S.E. Scotland	Light easterly or variable wind; cloudy, local wintry showers; rather cold.
12. S.W. Scotland & Isle of Man	
13. { A.W. Scotl. B.N.W. Scot- land	Light variable wind; cloudy, bright intervals locally; moderate or rather low temperature.
14. Mid-Scotland	
15. N.E. Scotland	Light variable wind; cloudy; moderate or rather low temperature.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Moderate easterly wind; cloudy, bright intervals locally; rather cold.
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 $\frac{1}{4}$ clouded. ○ Sky $\frac{1}{4}$ to $\frac{1}{2}$ clouded. ○ Sky $\frac{1}{2}$ to $\frac{3}{4}$ 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 large anticyclone is centred over East Scotland. A trough of low pressure over Southern Scandinavia, extending from a depression over Russia, is moving southeast. There will be wintry showers in Eastern districts especially near the coast.

FURTHER OUTLOOK.

Cold in the South; rather cold in the North.

Forecasts issued at 10.10 G.M.T.

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

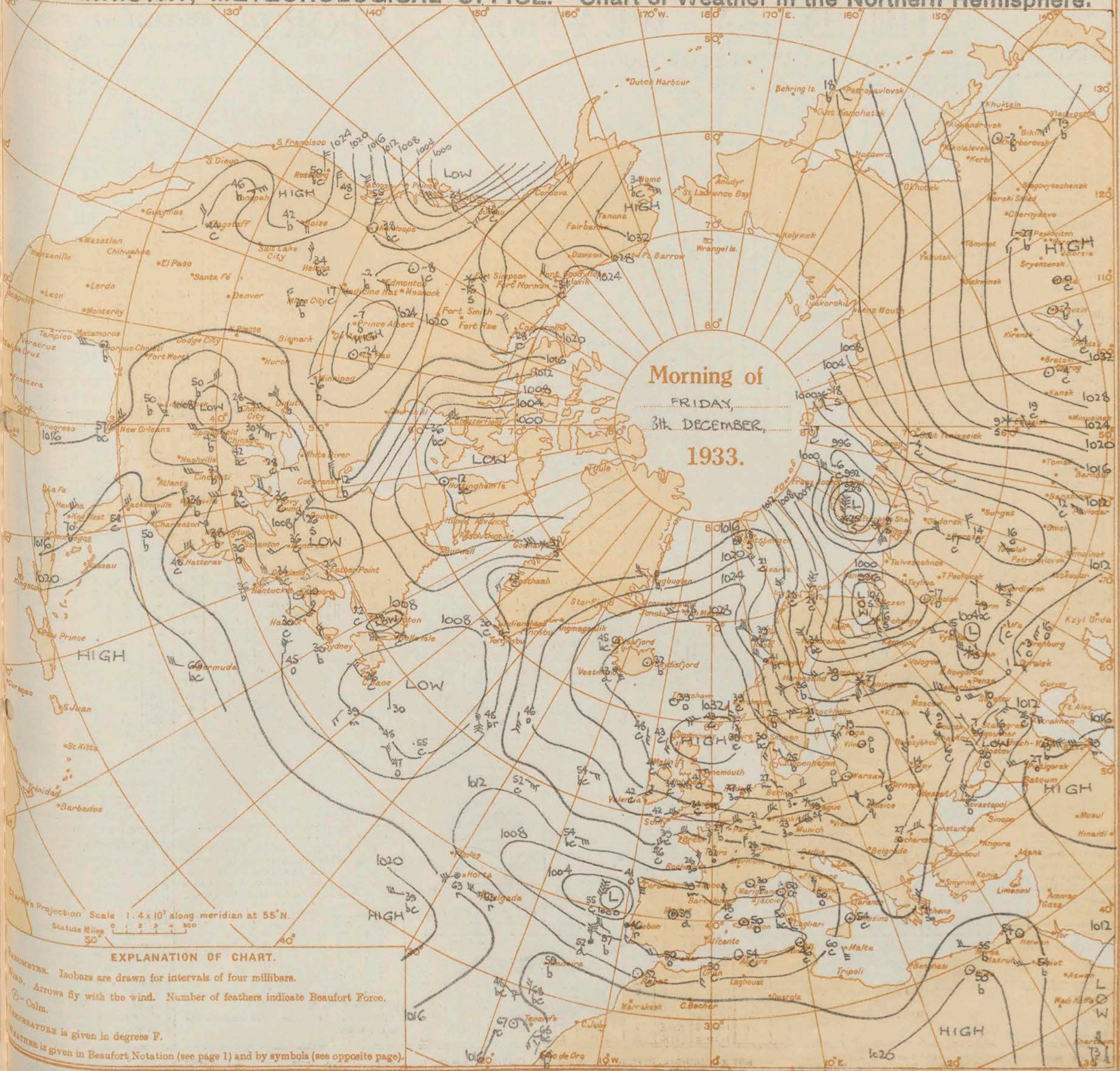
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

1933.

LOW

Calms is indi-
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday, 8th December 1933.
No. 26314.

DISTANCE.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 8 th December														OBSERVATIONS at 7 hr. G.M.T. 8 th December														PAST 24 HOURS.							
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)	State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHADE 7 th Hrs.				
					Direc.	Force.					Form.	Amount.	Height of Base (feet)			Direc.	Force.					Form.	Amount.	Max. Day 7h-18h °F.				Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																Low		Med	High	Low	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)		
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1025.4	+6	NE	4	C	36	55	4	5	-	-	10	10	2500	0	*	40	35	31	0.5	-	0.0		
	Croydon ...	217	1023.7	+10	E	3	C	34	75	7	7	-	-	7.8	7.8	1024.8	+10	E	3	C	34	65	4	5	-	-	9+	9+	4000	4	*	39	33	30	1	Tr.	0.0
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1025.1	+10	E	3	C	33	65	7	8	-	-	9+	9+	2500	4	*	38	32	28	0.5	Tr.	0.0		
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1024.7	+8	NE	3	b	30	75	7	5	-	-	1	1	2500	4	*	38	29	26	Tr.	-	0.0		
	Calshot (St. thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	1023.8	+16	NE	5	b	34	75	8	5	-	-	1	1	2500	0	2	40	32	29	0.3	Tr.	0.0		
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	NE	6	q	*	*	6	4	4	*	2.3	2.3	2500	*	4	43	31	*	0.3	-	*		
	Lympe ...	346	1023.4	+2	E	4	C	34	75	8	5	-	-	9+	9+	1024.4	+8	E	5	C	31	55	9	1	-	-	7.8	7.8	2500	4	*	39	31	27	0.6	-	0.0
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1025.8	+6	E	6	C	36	55	9	5	-	-	9+	9+	2500	0	*	42	34	31	0.6	-	0.0		
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1026.2	+6	NE	5	C/PS	37	55	7	5	-	-	9+	9+	2500	0	4	42	36	34	0.2	Tr.	0.0		
	Gorleston ...	5	1027.1	+10	E	6	C	37	85	7	9	-	-	7.8	7.8	1027.4	+4	E	5	C	38	65	7	3	-	-	9	9	1500	0	4	42	33	32	Tr.	Tr.	0.0
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1028.5	+6	NE	1	C/S	34	75	8	5	2	-	9	10	2500	4	*	42	33	29	0.5	Tr.	0.7		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1027.6	+8	E	3	C	34	55	6	5	-	-	10	10	1500	1	*	40	33	28	0.2	-	0.0		
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1026.8	+12	E	3	C	34	65	7	5	-	-	10	10	1500	1	*	38	33	31	Tr.	-	*		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1025.9	+6	E	3	C	34	55	8	5	-	-	10	10	2500	4	*	38	34	32	0.5	-	0.0		
5	Portland Bill ...	32	1020.2	+4	E	6	0	39	75	7	5	-	-	10	10	1021.6	+16	E	6	bc	37	75	7	4	-	-	4.6	4.6	2500	1	5	(42)	36	*	Tr.	0.2	*
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1021.7	+8	NE	4	C	35	55	8	5	-	-	7.8	7.8	2500	1	2	41	35	32	-	-	3.9		
	The Lizard ...	240	1018.2	0	NE	6	pt	42	95	7	8	-	-	10	10	1019.1	+10	NNE	6	q	40	75	7	8	-	-	9+	9+	4000	1	4	44	37	*	-	1	*
	Scilly (St. Mary's) ...	163	1018.4	+2	E	5	cd	42	95	5	5	-	-	10	10	1019.0	+4	E	6	q	42	85	7	8	-	-	9+	9+	2500	1	4	46	40	*	-	0.3	0.7
	Guernsey ...	175	1017.9	+10	E	5	C	42	75	6	8	-	-	10	10	1019.0	+6	E	6	q	40	65	7	8	-	-	10	10	2500	0	4	45	39	37	-	1	0.0
6	Pembroke ...	142	1022.7	+6	E	4	C	38	75	7	5	2	-	7.8	10	1025.2	+8	E	3	q	38	75	7	5	2	-	7.8	7.8	2500	0	2	40	35	*	Tr.	-	2.7
7	Holyhead ...	26	1027.1	+6	E	4	C	39	85	5	5	-	-	10	10	1027.8	+6	E	4	C	38	75	6	5	-	-	9	9	4000	1	2	44	38	34	Tr.	-	0.0
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1028.9	+6	E	2	C	34	75	6	5	-	-	10	10	4000	5	*	41	32	23	0.2	-	0.0		
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1029.1	+6	NE	3	0	37	75	6	5	-	-	10	10	1500	0	*	42	36	34	0.1	-	0.0		
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1028.8	+8	E	3	m	37	75	4	5	-	-	10	10	1500	4	*	42	36	30	0.5	-	*		
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1029.5	+6	E	1	C	34	85	7	5	-	-	10	10	4000	1	*	41	34	31	1	0.1	0.3		
10	Spurn Head ...	29	1028.1	+4	E	5	C	40	75	7	5	2	-	4.6	9+	1027.1	0	E	6	C	39	85	8	3	7	-	4.6	9+	4000	1	4	44	38	*	1	1.2	
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1030.3	+4	NE	1	C	35	85	7	5	-	-	10	10	4000	1	*	43	35	33	0.1	-	0.3		
	Tynemouth ...	100	1030.2	+10	E	5	0	41	75	8	6	-	-	10	10	1030.3	+4	E	4	0	41	65	8	6	-	-	10	10	1500	1	3	46	40	36	0.3	Tr.	*
11	Inchkeith ...	190	1031.2	+16	E	2	C	39	75	8	5	-	-	10	10	1032.3	+2	E	1	C	40	65	8	5	2	-	7.8	10	2500	0	1	44	39	35	0.4	-	0.4
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1032.3	+2	E	2	C/PS	39	65	8	5	-	-	9+	9+	2500	1	*	46	38	35	2	0.3	1.1		
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	1032.2	+10	SE	2	30	38	65	6	5	-	-	10	10	1500	1	*	45	38	35	Tr.	-	0.0		
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1031.6	+6	NE	1	C	33	85	8	5	-	-	10	10	1500	1	*	41	32	32	1	-	0.2		
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1031.4	+12	SE	3	C	40	55	8	5	7	-	9	9+	4000	0	2	45	40	37	Tr.	-	0.7		
13b	Stornoway ...	34	1030.8	+10	SE	2	bc	44	75	7	4	6	-	2.3	4.6	1031.8	+4	SSW	2	C	43	75	8	6	6	-	7.8	9	1500	1	1	46	41	*	Tr.	-	1.5
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1033.1	+4	-	0	C	32	95	7	4	2	-	4.6	10	1500	1	*	40	31	30	1	Tr.	0.1		
	Aberdeen ...	37																																			

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 9th December 1933.
No. 26,315.

DISTANCE.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 8 th December														OBSERVATIONS at 18h. G.M.T. 8 th December														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.									
				Direc.	Force.					Low.	Med.	High.			Low.	Total 0-10					Height of Base. (feet)	Direc.	Force.			Low.	Med.	High.	Low.	Total 0-10	Height of Base (feet)	7h.-13h. 8 th	13h.-18h. 8 th	18h. 8 th to 1h. 9 th	1h.-7h. 9 th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)		
1	London (Kew) ...	1025.4	-10	NE	4	c/s	36	75	6	5	-	9+	9+	1500	1024.7	-2	NE	5	C	35	55	6	5	-	-	9+	9+	1500	4	*	cs.m.	cm.y	cm.o	c	
	Croydon ...	1024.9	-8	ENE	5	c/ps	35	65	6	8	-	7-8	7-8	1500	1024.5	-2	ENE	5	30	33	65	6	5	-	-	9+	9+	1500	0	*	cs.ps	bccz	c3c	bcc	
	S. Farborough ...	1025.0	-10	ENE	4	bc/s	34	75	6	8	-	4-6	4-6	1500	1024.6	0	E	4	bc	33	55	6	8	-	-	4-6	4-6	1500	4	*	cs.s.cq	cbcy	bey cbc	cc.ccm	
	Boscombe Down ...	1024.6	-10	NE	4	c/s	33	75	7	5	-	7-8	7-8	1500	1024.1	+2	NE	5	b	31	55	7	5	-	-	1	1	1500	4	*	bccz	bccy	b bcb	b bcc	
	Calshot, S'thmtn ...	1023.8	-12	NE/N	5	bc	36	65	8	5	-	4-6	4-6	4000	1023.4	+2	NE	5	b	34	75	8	-	-	0	0	-	-	0	3	*	cbcy	beyyb	bxbcx	b bcc
	Dungeness ...	1024.8	-10	NE/E	6	q	31	65	8	7	-	4-6	4-6	2500	1024.1	-4	ENE	5	bc	31	65	8	4	-	-	7-8	7-8	1500	4	*	c	bcy	bccy	bcc	
	Lympe ...	1024.8	-10	NE/E	5	bc	31	65	8	4	-	4-6	4-6	2500	1024.1	-4	ENE	5	bc	31	65	8	4	-	-	4-6	4-6	2500	4	*	c	bcy	bccy	bcc	
2	Shoeburyness ...	1026.0	-4	E	6	bc	36	65	8	4	-	4-6	4-6	2500	1025.3	-2	NE	6	bc	34	55	8	8	-	-	4-6	4-6	2500	0	*	cs.ps	cbcy	bccy	bccy	
	Felixstowe ...	1027.1	+2	NE/E	5	c	36	65	8	5	-	7-8	7-8	2500	1026.3	-2	NE/E	6	bc	35	65	8	5	-	-	4-6	4-6	2500	0	4	cs.ps	cbcy	bccy	bccy	
	Gorleston ...	1028.4	-6	ENE	5	c	37	75	7	8	-	7-8	7-8	2500	1027.6	-4	NE/E	5	c	37	65	7	8	-	-	7-8	7-8	2500	0	4	cs.ps	cbcy	bccy	bccy	
	Cranwell ...	1029.3	-2	ENE	1	c	35	95	6	5	-	10	10	1500	1028.7	-2	NE	2	c	33	85	7	5	-	-	9	9	4000	1	*	cs.m.	cbcy	bccy	bccy	
3	Birmingham ...	1027.6	-2	ENE	6	c	35	65	5	6	3	2-3	7-8	2500	1027.7	0	NE	3	c	33	75	6	5	-	-	9+	9+	2500	0	*	cbcy	bccy	bccy	bccy	
	Upper Heyford ...	1026.4	-10	ENE	4	bc	35	65	8	7	3	4-6	4-6	2500	1026.8	+4	ENE	3	b	29	75	8	5	-	-	1	1	2500	1	*	cs.bc	bccy	bccy	bccy	
4	Ross-on-Wye ...	1026.1	-6	E/N	4	bc	37	55	8	7	-	2-3	2-3	4000	1026.3	0	ENE	2	30	31	65	6	5	-	-	1	1	2500	0	*	cs.bc	bccy	bccy	bccy	
5	Portland Bill ...	1022.2	-4	E	6	c	37	65	7	5	7	7-8	10	2500	1022.1	+2	ENE	6	bc	35	75	7	5	-	-	4-6	4-6	2500	0	5	c	bccy	bccy	bccy	
	Plymouth ...	1022.4	-10	ENE	6	c	36	55	8	5	-	7-8	7-8	4000	1022.7	+4	NE	6	c	35	65	7	5	-	-	10	10	2500	1	3	bccy	bccy	bccy	bccy	
	The Lizard ...	1021.0	0	ENE	7	ps	37	75	7	8	-	9+	9+	2500	1021.2	+10	ENE	7	q	37	65	7	5	-	-	10	10	2500	1	4	cs.ps	bccy	bccy	bccy	
	Scilly (St. Mary's) ...	1020.5	0	E/N	6	c	39	75	7	2	4	2-3	7-8	2500	1020.7	+6	ENE	6	c	37	65	8	8	-	-	9	9	4000	1	4	c	bccy	bccy	bccy	
	Guernsey ...	1019.9	-2	ENE	6	q	37	65	7	8	-	9+	9+	2500	1019.6	+4	ENE	6	q	37	65	7	8	-	-	10	10	2500	0	4	cbcy	bccy	bccy	bccy	
6	Pembroke ...	1026.1	-4	ESE	3	c	37	55	7	5	2	7-8	9	2500	1024.3	+4	ENE	3	bc	35	65	7	5	7	-	4-6	4-6	2500	0	2	c	bccy	bccy	bccy	
7	Holyhead ...	1028.7	-2	E	4	30	40	65	6	5	-	9+	9+	4000	1028.4	+2	E	4	30	40	65	5	5	-	-	10	10	2500	1	2	c	bccy	bccy	bccy	
	Chester (Sealand) ...	1029.5	-4	ENE	2	m	37	75	4	5	-	9+	9+	4000	1029.0	0	ENE	2	m	36	75	4	5	-	-	10	10	2500	1	*	c	bccy	bccy	bccy	
8	L'pool (Bidston) ...	1029.5	-2	NE/N	3	cf	38	75	3	5	-	9+	9+	800	1028.9	0	NE	3	30	37	75	5	5	-	-	10	10	1500	0	*	c	bccy	bccy	bccy	
	Manchester ...	1029.1	+8	-	-	m	39	65	4	5	-	10	10	1500	1028.7	-4	-	-	m	37	75	4	5	-	-	10	10	1500	0	*	c	bccy	bccy	bccy	
9	Harrogate ...	1030.2	0	NNE	1	c	37	75	7	6	2	4-6	9+	4000	1029.8	0	E	1	bc	34	85	5	-	3	-	0	2-3	-	1	*	c	bccy	bccy	bccy	
10	Spurn Head ...	1028.6	0	E/N	5	c/ph	40	75	8	5	7	4-6	9+	4000	1028.1	0	E/N	5	bc	39	85	8	-	4	-	0	2-3	-	0	4	c	bccy	bccy	bccy	
	Catterick ...	1031.0	-2	NE	2	c/ph	38	75	8	8	-	10	10	4000	1030.5	-2	NNE	1	c	35	75	8	5	-	-	9+	9+	4000	1	*	c	bccy	bccy	bccy	
	Tynemouth ...	1031.4	0	ESE	3	bc	40	55	8	9	-	4-6	4-6	1500	1030.6	-4	E	3	0	41	65	8	6	-	-	10	10	1500	1	2	cbcy	bccy	bccy	bccy	
11	Inchkeith ...	1032.6	-4	E	1	c	40	65	8	5	-	9+	9+	4000	1032.3	-2	NNE	2	c	39	65	8	5	2	-	7-8	10	2500	0	1	c	bccy	bccy	bccy	
	Leuchars ...	1032.8	-2	N	1	c	39	75	8	5	-	9+	9+	4000	1031.9	-2	N	1	c	38	75	7	5	-	-	9	9	4000	1	*	c	bccy	bccy	bccy	
12	Renfrew (Abbotstn) ...	1032.7	-2	E/S	1	30	39	75	5	5	-	10	10	4000	1032.3	-2	NE/E	1	30	36	75	6	5	-	-	10	10	4000	1	*	c	bccy	bccy	bccy	
	Eskdalemuir ...	1032.0	-4	NE/N	3	c	35	65	7	5	-	9+	9+	1500	1031.7	0	NE/N	2	30	33	75	8	5	-	-	7-8	7-8	2500	1	*	c	bccy	bccy	bccy	
13	Tiree ...	1032.5	0	SE/E	3	c	40	65	8	5	7	9+	10	2500	1032.3	-2	E	2	c	39	65	8	5	-	-	10	10	2500	0	2	c	bccy	bccy	bccy	
13	Stornoway ...	1032.4	+4	SSW	2	c	42	65	8	5	6	7-8	9	4000	1032.2	-2	-	0	c	39	85	8	5	7	-	7-8	9+	1500	1	0	c	bccy	bccy	bccy	
15	Dalwhinnie ...	1034.2	-2	S	1	c	34	65	8	4	1	4-6	10	2500	1034.0	-2	-	0	c	30	95	6	4	4	-	4-6	10	800	0	*	c	bccy	bccy	bccy	
	Aberdeen ...	1033.1	-2	NW/W	2	c	36	75	6	5	-	9+	9+	2500	1032.5	-6	NW/W	2	c	36	75	6	5	-	-	9+	9+	2500	1	1	cbcy	bccy	bccy	bccy	
	Wick ...	1033.5	+2	SW	2	bc	39	95	8	1	-	2-3	2-3	2500	1032.6	-8	SW	2	bc	31	95	8	5	-	-	2-3	2-3	2500	1	2	cbcy	bccy	bccy	bccy	
16	Lerwick ...	1032.4	+4	NW/W	4	c	43	75	8	5	3	4-6	9	1500	1031.8	-2	NW/W	3	c	42	75	8	5	-	-	10	10	1500	0	*	c	bccy	bccy	bccy	
17	Blacksod Point ...	1029.1	+6	E	3	c	39	85	7	-	7	0	7-8	-	1029.6	+4	SE/E	4	c	39	75	7	4	7	-	2-3	7-8	2500	0	3	c	bccy	bccy	bccy	
	Malin Head ...	1030.4	0	E/S	2	c	41	75	7	5	-	9+	9+	2500	1030.5	0	E/S	2	c	40	65	7	8	-	-	9+	9+	1500	0	0	c	bccy	bccy	bccy	
	Aldergrove ...	1030.6	-2	E/N	3	c	39	75	7	5	-	9+	9+	4000	1030.9	0	NNE	1	c	36	85	7	5	-	-	10	10	2500	1	*	c	bccy	bccy	bccy	
	Donaghadee ...	1030.5	+4	ESE	5	q	41	75	8	5	-	7-8	7-8	1500	1030.1	-2	ESE	5	q	42	65	8	5	-	-	9	9	1500	0	3	c	bccy	bccy	bccy	
19	Birr Castle ...	1028.1	+6	SE	3	c	39	55	8	5	-	9+	9+	2500	1028.5	0	SE	1	c	35	75	8	5	-	-	9+	9+	2500	0	*	c	bccy	bccy	bccy	
20	Valentia Obay. ...	1025.4	+12	E/S	4	c	40	55	8	5	-	7-8	7-8	2500	1026.0	+6	E/S	4	bc	36	65	8													

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.		COLUMNS 9, 23.—FORM OF LOW CLOUD.		COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.		COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.	
b, blue sky (not more than a quarter covered with cloud).	q, squalls. r, rain. s, snow.	0 No low clouds.	0 No medium clouds.	0 No cirriform cloud.		0 No cirriform cloud.	
bc, sky partly cloudy (one half covered). c, generally cloudy.	rs, sleet. t, thunder.	1 Fair weather Cu.	1 Typical A-St (thin).	1 Fine Ci not increasing: sparse.		1 Fine Ci not increasing: sparse.	
d, drizzle. e, wet air. g, gloom.	n, ugly, threatening sky.	2 Large Cu without anvil.	2 Typical A-St (thick). (Sun or moon invisible).	2 Fine Ci not increasing: abundant but not a continuous layer.		2 Fine Ci not increasing: abundant but not a continuous layer.	
f, fog, visibility 220-1100 yds.	v, unusual visibility. w, dew.	3 Cu-Nb.	3 Single layer of A-Cu or high St-Cu.	3 Anvil Ci (usually dense).		3 Anvil Ci (usually dense).	
P, thick fog, less than 220 yds.	x, hoar frost. y, dry air.	4 St-Cu formed by the spreading out of Cu.	4 A-Cu in isolated bands. Individually decreasing (often lenticular).	4 Fine Ci increasing: usually in tufts.		4 Fine Ci increasing: usually in tufts.	
fs, fog over sea (coast station).	z, dust haze; the turbid atmosphere of dry weather.	5 Layer of St or St-Cu.	5 A-Cu in bands (increasing).	5 Ci or Ci-St increasing: still below 45° altitude: often in polar bands.		5 Ci or Ci-St increasing: still below 45° altitude: often in polar bands.	
fg, fog on lower ground (inland station).	h(r), "hail" or "rain and hail."	6 Nimbus.	6 A-Cu formed from the spreading out of Cu.	6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.		6 Ci or Ci-St increasing and reaching above 45° altitude: often in polar bands.	
m, mist, visibility 1100-2200 yds.	Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus.	7 Fair weather Cu and St-Cu.	7 A-Cu associated with A-St or A-St with parts resembling A-Cu.	7 Veil of Ci-St covering whole sky.		7 Veil of Ci-St covering whole sky.	
h, hail. i, intermittent.	R, heavy rain. r _o , slight rain.	8 Large Cu (or Cu-Nb) and St-Cu.	8 A-Cu Castellatus (or A-Cu in ragged fragments).	8 Ci-St not increasing and not covering whole sky.		8 Ci-St not increasing and not covering whole sky.	
jp, precipitation within sight of station.	cr, continuous rain.	9 Large Cu (or Cu-Nb) and Nb.	9 A-Cu in several layers generally associated with fibrous veils and a chaotic appearance of the sky.	9 Ci-Cu predominating, and a little cirrus. (Ci-Cu may occur with any of the types 1 to 8).		9 Ci-Cu predominating, and a little cirrus. (Ci-Cu may occur with any of the types 1 to 8).	
ks, storm of drifting snow.	<, less than (for cloud height).	COLUMNS 12, 13, 26, 27.		COLUMN 29.—STATE OF GROUND.		COLUMN 29.—STATE OF GROUND.	
k _{so} , slight storm of drifting snow (generally low).	⊕, Solar halo. ⊙, lunar halo. ☊, gale.	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.		0 Dry.		5 Covered with ice or glazed frost.	
K/S, heavy storm of drifting snow (generally low).	With present weather is combined, whenever possible, the general character of the weather.			1 Wet.		6 Partly covered by snow or hail.	
a _o /k, slight storm of drifting snow (generally high).	A "solidus" divides actual existing weather from preceding conditions: thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.			2 Flooded.		7 Covered with snow, less than 6 ins., but ground not frozen.	
S/k, heavy storm of drifting snow (generally high).				3 Covered with thawing snow.		8 Covered with snow, less than 6 ins., and ground frozen.	
KQ, line squall. l, lightning.				4 Frozen hard and dry.		9 Covered with snow greater than 6 ins. deep.	
o, overcast sky. p, passing showers.							

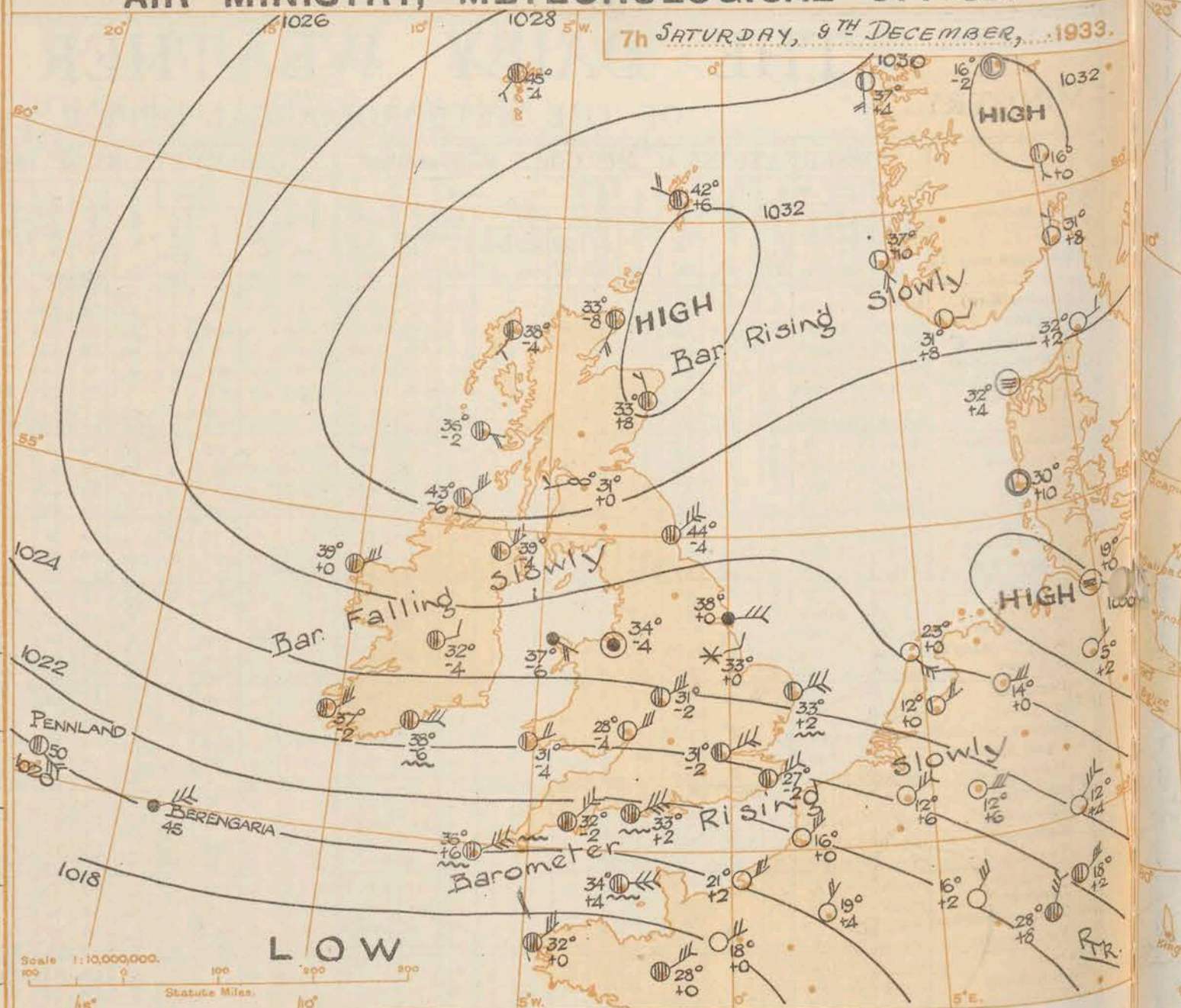
REPORTS from HEALTH RESORTS for 8th DECEMBER 1933.

DISTRICT.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 5h.	Max. 5h. to 9h.	Night. 17h. to 9h.	Day. 9h. to 5h.	
1	Tunbridge W.	bc	bc	29	36	Trace	-	4.5
	Bournemouth	bc	b	27	36	-	-	5.0
	Ventnor	opcu	ocbc	33	36	-	-	1.3
	Southsea	beb	bb	32	38	0.2	-	4.9
	Bognor Regis	bc	bc	31	37	-	-	4.5
	Littlehampton	c	cbc	31	38	-	-	4.4
	Worthing	cbc	beb	31	37	-	-	4.7
	Brighton	cbc	bco	31	36	-	-	3.6
	Eastbourne	cbc	bco	33	38	-	-	3.5
	Hastings	bc	cbc	32	37	-	-	5.1
	Folkestone	xbx	bc	33	35	-	-	3.6
	Dover	bco	cbc	34	42	-	-	2.7
2	Deal	ocbc	cbco	34	37	-	-	3.6
	Ramsgate	bc	bc	34	36	-	-	4.1
	Margate	cbc	bc	34	37	-	-	4.4
	Southend	cps	c	35	37	-	-	2.4
	Maldon	cas.c	bco	34	37	-	Trace	2.0
	Clacton-on-Sea	cbc	bco	36	38	-	-	2.6
	Dovercourt	ocsg	bcsghc	36	37	Trace	Trace	3.1
	Lowestoft	cas.h	bbc	35	37	Trace	Trace	2.4
3	Skegness	oio	o	37	38	0.3	1	0.0
	Mablethorpe	oio	ch	36	39	0.3	Trace	0.0
	Cleethorpes	oio	o	36	40	1	Trace	0.0
	Leamington S.	c	c	32	38	-	-	2.4
	Cheltenham	cbc	beb	34	37	-	-	2.3
	Bath	cbc	cbcb	24	36	-	-	1.4
	Weymouth	cbc	bcb	32	37	-	-	4.0
	Jersey	rcbc	bc	36	37	0.2	-	6.5
4	Torquay	pbcc	bccg	30	38	0.1	-	0.5
	Penzance	cbp	bbo	36	44	-	-	4.1
	St. Ives	b	b	36	38	-	-	4.0
	Bude	xcbc	bccc	30	37	-	-	3.0
	Ilfracombe	cbc	cbc	29	39	-	-	1.8
	Aberystwyth	cbc	bco	34	38	-	-	1.1
	Llandudno	com	o	35	39	-	-	0.0
	Colwyn Bay	o	o	34	38	-	-	0.0
5	Rhyl	cno	cqno	33	38	-	-	0.0
	Wallassey	f.foc	c	36	38	-	-	0.0
	Southport	b	o	35	38	0.2	-	0.0
	Blackpool	o	o	36	38	0.3	-	0.0
	Morecambe	c	c	36	39	0.3	-	0.0
	Ilkley	c	cpsc	35	37	Trace	Trace	0.0
	Berwick-on-T.	c	o	38	41	Trace	-	0.8
	Dunbar	bc	bc	36	42	-	-	0.5
6	Tron	bec	ccp	35	40	-	-	0.0
	Douglas	cide	cideb	38	41	Trace	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.

7th SATURDAY, 9th DECEMBER, 1933.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th December, 1933.
1. S.E. England	Moderate east or northeast winds, fresh locally; cloudy, bright intervals, perhaps local wintry showers near East Coast; cold, with frost at night and locally during day.
2. E. England...	
3. E. Midlands	
4. W. Midlands	Moderate east or northeast wind, fresh locally; variable cloud; cold with frost at night.
5. S.W. England	
6. South Wales	
7. North Wales	Light or moderate easterly wind; cloudy, local rain or sleet at first, perhaps snow; rather cold or cold, frost locally at night.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	Light or moderate east or northeast wind; cloudy or variable sky, local rain or sleet showers; rather cold, frost locally at night.
12. S.W. Scotland & Isle of Man	
13. { A.W. Scotld. B.N.W. Scot- land.	Light variable winds; cloudy or variable sky, local fog night and morning; rather cold or cold, frost locally at night.
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Light or moderate easterly wind; variable cloud; cold, frost locally at night
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.
WEATHER SYMBOLS. — Clear sky. — Sky less than 1/2 clouded. — Sky 1/2 to 1/2 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone covers Scotland and Southern Scandinavia while depressions to the north of Scandinavia are likely to move southeast. Apart from local rain, sleet or snow at first in North England and local wintry showers near the East Coast, weather will be mainly dry. Cold conditions will continue.

FURTHER OUTLOOK.

Continuing cold.

Forecasts issued at 1010 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.

1933.

1032

1030

1028

1026

1024

1022

1020

1018

1016

1014

1012

1010

1008

1006

1004

1002

1000

998

996

994

992

990

988

986

984

982

980

978

976

974

972

970

968

966

964

962

960

Morning of
SATURDAY,
9th DECEMBER,
1933.

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.

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

0.8c. F.R.S.

Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 9th December 1933.
No. 26,315.

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 9 th December.														OBSERVATIONS at 7 hr. G.M.T. 9 th December.														PAST 24 HOURS.								
		Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)	State of Ground 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN- SHINE 8 th Hrs.				
					Direc.	Force.					Low.	Med.	High.				Low.	Total 0-10					Direc.	Force.	Low.				Med.	High.	Low.	Total 0-10	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)			
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1024.5	+2	NE	3	C	31	75	7	5	-	-	9+	9+	2500	4	*	37	31	27	Tr	-	0.3			
	Croydon	217	1024.3	-2	ENE	3	bc	30	65	7	5	-	-	4.6	4.6	1023.7	-2	E'N	5	C	31	75	7	5	-	-	9+	9+	1500	4	*	37	30	27	Tr	-	2.4	
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	1024.1	+2	ENE	4	C	29	75	7	5	-	-	9+	9+	2500	4	*	35	28	23	Tr	-	1.3			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1023.8	+8	ENE	3	C	27	75	7	5	-	-	9+	9+	4000	4	*	34	25	22	Tr	-	3.0			
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	1023.4	+12	NE'E	4	C	30	95	7	5	-	-	10	10	1500	0	2	39	27	24	-	-	5.1			
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	ENE	5	q	*	*	*	6	8	-	*	9+	9+	1500	*	3	37	26	*	-	-	*		
	Lympne	346	1024.3	-6	ENE	4	C	27	75	7	4	-	-	9	9	1023.9	+2	ENE	4	C	27	85	7	5	-	-	9	9	1500	4	*	34	25	22	-	-	3.8	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1024.7	0	E	5	C	32	85	8	8	-	-	7.8	7.8	2500	4	*	38	29	27	Tr	-	3.1			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1025.4	0	NE'E	4	C	33	75	7	5	-	-	7.8	7.8	2500	0	3	38	31	28	Tr	-	2.7			
	Gorleston	5	1026.8	-6	NE'E	5	bc	35	85	7	1	-	-	4.6	4.6	1026.6	+2	ENE	5	bc	33	75	7	4	-	-	2.3	2.3	2500	0	4	38	33	30	Tr	-	3.3	
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1027.3	0	ENE	1	is.	33	95	6	5	-	-	9+	9+	800	6	*	35	31	25	1	0.2	0.1			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1026.3	+2	ENE	3	C	31	85	6	5	-	-	7.8	7.8	2500	0	*	35	31	29	-	-	0.4			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1025.7	0	NE	3	b	25	85	7	5	4	-	-	Tr	Tr	2500	0	*	36	25	20	Tr	-	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1025.2	-4	ENE	3	b	28	85	7	5	-	-	Tr	Tr	4000	4	*	37	28	22	-	-	3.9			
5	Portland Bill	32	1021.4	-6	ENE	6	C	34	75	7	5	-	-	7.8	7.8	1021.6	+2	ENE	6	C	33	65	7	5	-	-	10	10	2500	0	5	38	31	*	-	*		
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1021.8	-2	NE	5	C	32	65	8	5	-	-	10	10	1500	0	2	37	31	30	-	-	1.0			
	The Lizard	240	1020.1	-4	NE'N	6	0	36	75	7	5	-	-	10	10	1019.7	+2	NE	5	q	35	75	7	5	-	-	10	10	2500	0	4	40	34	*	Tr	-	*	
	Scilly (St. Mary's)	163	1020.3	-4	ENE	6	C	36	65	7	5	-	-	7.8	7.8	1019.9	+6	ENE	6	C	35	75	7	5	-	-	9	9	2500	1	4	42	35	*	-	2.5		
	Guernsey	175	1019.3	-4	ENE	5	0	35	75	7	5	-	-	10	10	1019.6	+4	E	6	C	34	75	7	8	-	-	7.8	7.8	2500	0	4	40	34	30	-	-	1.4	
6	Pembroke	142	1025.6	0	ENE	3	bc	32	75	7	-	8	-	0	4.6	1026.5	-4	ENE	2	bc	31	75	7	5	-	-	2.3	2.3	4000	4	2	39	29	*	-	1.7		
7	Holyhead	26	1027.9	-4	ENE	3	30	39	75	6	5	-	-	9+	9+	1026.5	-4	SE'E	2	ir.	37	95	5	5	-	-	10	10	1500	1	0	40	37	36	-	0.2		
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1027.1	-4	-	0	id.	34	95	4	5	-	-	10	10	1500	1	*	37	34	30	-	-	0.1			
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	1027.4	-2	NE	1	ir.	35	95	4	5	-	-	10	10	1500	1	*	38	33	31	-	-	0.3			
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1026.8	-2	-	-	id.	34	95	4	5	-	-	10	10	800	1	*	39	32	27	Tr	0.2	*			
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	1027.4	-6	NNE	1	ir.	37	95	7	6	-	-	9+	9+	2500	1	*	37	34	31	-	-	0.0			
10	Spurn Head	29	1027.3	-2	E	3	clpr	39	95	8	3	2	-	4.6	9+	1027.1	0	E	4	pr	38	95	7	3	2	-	4.6	9+	2500	1	3	40	37	*	Tr	0.4		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1028.0	-2	NE'N	2	clpr	40	95	8	9	-	-	9	9	2500	1	*	38	35	33	Tr	1	0.0			
	Tynemouth	100	1028.6	-8	NE	5	C	45	75	8	9	-	-	9	9	1028.2	-4	NE	5	clpr	44	75	8	9	-	-	7.8	7.8	1500	1	3	41	40	36	-	-	2	
11	Inchkeith	190	1031.8	0	NNE	2	C	38	75	8	5	2	-	4.6	9+	1030.9	-4	NNE	3	C	39	55	8	5	-	-	10	10	2500	0	2	41	38	35	-	-	0.1	
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	1031.0	-2	WNW	2	C	37	65	8	5	-	-	9+	9+	4000	1	*	40	35	32	-	-	0.6			
12	Renfrew (Abbotts I)	18	*	*	*	*	*	*	*	*	*	*	*	1031.5	0	W'S	1	30	31	95	5	5	3	-	2.3	4.6	4000	1	*	39	31	26	-	-	0.0			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1029.9	0	NNE	5	bc	35	85	8	5	-	-	4.6	4.6	2500	1	*	35	32	31	-	-	0.1			
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1031.6	-2	E	2	C	36	75	8	5	3	-	4.6	9+	4000	0	2	40	32	22	-	-	0.0			
13b	Stornoway	34	1032.2	-2	SSW	1	C	39	85	8	8	2	-	7.8	10	1031.7	-4	SW	1	C	38	85	8	8	6	-	4.6	10	2500	1	1	43	37	*	-	0.3		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1032.1	+6	-	0	b	20	95	8	4	-	-	1	1	2500	4	*	36	15	10	-	-	0.0			
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	1032.1	+8	NNW	1	C	35	75	7	5	-	-	9+	9+	2500	1	1	37	35	33	-	-	0.0			
	Wick	81	1032.3	0	SW	2	bc	32	95	8	1	1	-	2.3	2.3	1031.7	-8	SSW	2	C	33	95	8	7	-	-	7.8	7.8	2500	0	2	42	28	*	-	-	0.0	
16	Lerwick	54	1031.7	0	N	2	C	42	75	7	5	3	-	7.8	9	1031.8	+6	WNW	2	C	42	75	8	5	3	-	7.8	9+	1500	0	*	44	40	*	-	-	0.0	
17	Blacksod Point	18	1029.4	+2	ENE	4	C	39	75	7	-	1	-	0	10	1028.9	0	ENE	3	C	39	75	7	-	7	-	0	9+	-	0	3	41	39	*	-	Tr	*	
18	Malin Head	52	1030.8	0	SE	1	C	37	75	7	5	-	-	9+	9+	1030.1	-6	NE	3	C	43	65	7	5	-	-	9+	9+	1500	0	1	41	33	*	-	-	0.0	
	Aldergrove	298	*	*	*	*	*	*	*	*	*	*	*	1029.6	-4	NE	3	C	39	75	7	5	-	-	9+	9+	2500											

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 10th December 1933.
No. 26,316.

STATIONS.	OBSERVATIONS at 13h. G.M.T. 9 th December.														OBSERVATIONS at 18h. G.M.T. 9 th December.														PAST 24 HOURS.										
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°F.	Humid. %	Visibility 0-2	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	°F.	Humid. %	Visibility 0-2	Cloud.					Sea. 0-2	WEATHER.											
			Dir.	Force.					0-12	Low.	Med.	High.	Low.			Med.	High.					Low.	Total 0-10	Height of Base (feet)	0-2	0-2		7h.-13h. 9 th	13h.-18h. 9 th	18h. 9 th to 1h. 10 th	1h.-7h. 10 th								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1 London (Kew)...	1024.9	-4	NE'E	3	c	33	65	5	5	-	-	7-8	7-8	2500	1024.9	0	NE'N	3	b	32	75	5	-	-	-	0	0	-	0	*	cm, bcm	bc bz	bz x	bx					
Croydon	1024.2	-4	NE'E	3	30	33	65	6	7	-	-	9	9	2500	1024.2	0	NE'E	3	30	30	75	5	-	-	-	0	0	-	4	*	cm	cm, bcm	bm x	bm x					
S. Farnborough	1024.5	-2	NE'N	4	30	33	65	6	2	-	-	Tr	Tr	1500	1024.4	+2	NE	3	30	28	75	6	-	-	-	0	0	-	4	*	cm, bcm	bc bz	bm x	bm x					
Boscombe Down	1024.0	-6	NE'E	3	30	31	75	5	5	-	-	1	1	1500	1024.5	+10	NE	3	30	27	75	6	-	-	-	0	0	-	4	*	cb	bz	bz x	bx					
Calshot, S'thmtn	1023.2	-10	NE	4	b	35	65	7	-	-	-	0	0	-	1023.1	+6	NNE	3	b	31	75	6	-	-	-	0	0	-	0	2	bc, cb, cm	bm	bm x	bm x					
Dungeness	*	*	ENE	6	q	*	*	6	4	-	-	2-3	2-3	2500	1024.0	+2	ENE	6	q	*	*	7	4	-	*	2-3	2-3	4000	*	4	bc	bc	bx	bx					
Lympne	1024.1	-6	ENE	5	bc	31	65	7	4	-	-	2-3	2-3	2500	1024.0	+2	ENE	5	b	30	75	7	-	-	-	0	0	-	4	*	bc	b	bx	bx					
2 Shoeburyness	1024.9	-6	E'N	4	c	34	95	8	5	-	-	7-8	7-8	1500	1025.0	0	E'N	5	b	33	95	8	-	-	-	0	0	-	0	*	c	bc	b	bx					
Felixstowe	1026.1	0	NE'E	4	bc	35	65	8	1	-	-	2-3	2-3	1500	1025.9	0	ENE	5	b	36	65	7	-	-	-	0	0	-	0	4	cbc	bc	b	b					
Gorleston	1027.6	+2	ENE	5	b	35	65	7	-	-	-	0	0	-	1027.7	+2	ENE	6	b	36	65	7	-	-	-	0	0	-	0	4	bc, bq	bq	bq	bb, bq					
Cranwell	1028.1	-2	ENE	3	bc	37	65	8	1	-	-	4-6	4-6	4000	1028.8	+4	NE'E	3	bc, p	32	85	7	5	-	-	4-6	4-6	4000	1	*	cbc	bc	bcc	c					
3 Birmingham	1026.7	-2	NE	4	b	33	65	5	1	-	-	1	1	2500	1027.1	+6	NE	3	b	30	75	5	-	-	-	0	0	-	0	*	bc	b	bbc	bc					
Upper Heyford	1026.5	-2	E	4	c	30	75	7	5	-	-	9+	9+	1500	1026.4	+4	NE'N	3	b	27	75	7	-	-	-	0	0	-	4	*	bb, c	bc	bbc	bc					
Ross-on-Wye	1025.2	-4	ENE	3	bc	31	65	7	1	-	-	2-3	2-3	4000	1026.2	+6	ENE	2	30	29	75	6	-	-	-	0	0	-	4	*	bbc	bc, bz	bz	bx					
5 Portland Bill	1021.8	+4	ENE	6	c	34	75	7	5	3	7-8	7-8	2500	1022.4	+8	ENE	5	b	33	75	6	-	-	-	-	0	0	-	0	4	c	bc	bc	bc					
Plymouth	1022.0	+2	NE	6	ps	31	75	6	5	-	-	10	10	1500	1022.7	+10	NE	5	is	32	75	6	5	-	-	10	10	1500	0	2	cp, sm	cm, s	cm, s, bc	cm					
The Lizard	1019.6	-6	NE	6	rs	35	95	6	5	-	-	10	10	2500	1020.4	+6	NE	6	q	37	85	7	5	-	-	10	10	1500	1	4	cp, sm	pr, s	cp, s	op, s					
Scilly (St. Mary's)	1019.7	-4	ENE	5	c	36	75	7	5	-	-	10	10	2500	1020.5	+8	ENE	5	c	38	85	6	5	-	-	10	10	2500	1	3	c	cm	cm	bc, cm					
Guernsey	1019.8	-2	ENE	5	c	34	75	7	8	-	-	7-8	7-8	2500	1019.7	+8	ENE	6	c	38	75	7	8	-	-	7-8	7-8	2500	0	4	cbc	cbc	cbc	cbc					
6 Pembroke	1024.0	-10	ENE	2	b	35	65	7	5	-	-	1	1	1500	1024.6	+6	E	3	b	31	75	7	5	-	-	1	1	4000	4	2	bb	bc	bx	bx					
Holyhead	1026.5	-6	E'N	4	c	40	85	6	5	-	-	9+	9+	4000	1027.3	+10	E'N	4	30	36	75	5	-	-	-	0	0	-	1	2	bc	cm, bz	bz, x	bb, bz					
Chester (Sealand)	1028.2	0	ESE	3	c	36	75	6	5	-	-	9	9	2500	1029.0	+12	E	2	30	31	75	6	-	-	-	0	0	-	0	*	bc, bz	bc, bz	bx, bz	c-b					
8 L'pool (Bidston)	1027.9	0	ENE	4	m	36	85	4	5	-	-	9	9	1500	1028.9	+4	NE'E	4	30	34	75	6	-	-	-	0	0	-	0	*	bc	bc	b	b					
Manchester	1028.1	+6			30	38	65	5	5	-	-	9	9	1500	1029.2	+14			30	35	75	5	5	-	-	4-6	4-6	2500	0	*	bc	bc	bc, bz	bz, x					
9 Harrogate	1028.9	+6	E	2	c	36	95	5	6	-	-	9+	9+	2500	1030.3	+6	E	1	c	35	75	5	5	-	-	10	10	2500	1	*	c	c	c	c					
Spurn Head	1027.8	0	E	6	c	37	85	8	5	7	4-6	7-8	4000	1028.4	+2	E	6	c	37	85	8	-	2	-	-	0	10	-	0	4	pr	c	c	cc					
Catterick	1029.2	+6	SSE	2	c	38	95	7	9	-	-	9+	9+	1300	1030.8	+10	E'S	1	c	37	85	7	4	-	-	10	10	2500	1	*	cp, pr	c	c	bc, c					
Tynemouth	1028.5	+4	E	3	c/pr	43	85	8	9	-	-	7-8	7-8	1500	1030.3	+8	SSE	3	cr	41	85	7	6	-	-	10	10	1500	1	2	cp	c	c	op					
11 Inchkeith	1030.3	0	NNE	3	cr	40	65	8	5	7	-	4-6	9+	1500	1030.6	+2	NNE	4	cr	41	85	7	8	-	-	10	10	1500	1	3	cr	c	c	c					
Leuchars	1031.3	-6	N	1	c/p	41	65	7	5	-	-	9	9	4000	1031.2	+2	NNE	2	c	39	75	8	5	-	-	9+	9+	4000	1	*	cc	c	c	c-b					
12 Renfrew (Abbots)	1031.4	-2		0	c/f	36	85	3	8	-	-	9+	9+	5700	1031.6	+2	NE'E	1	c/pr	33	75	7	5	-	-	10	10	2500	1	*	bc	c	c	cc, bc					
Eskdalemuir	1029.5	-4	NE'N	4	rs	38	95	6	6	-	-	10	10	1500	1030.3	+6	NE	4	bc	38	95	8	5	-	-	4-6	4-6	1500	1	*	bc	c	c	c					
13a Tires	1031.8	-2	NE	2	c	43	65	9	3	-	-	0	9+	-	1031.6	+2	NE	3	b	41	65	9	-	4	-	0	1	-	6	1	cv	bc	b	cc					
13b Stornoway	1032.1	0	W	2	c	40	85	8	7	-	-	7-8	9+	2500	1032.2	+2	W	2	c	39	85	7	8	6	-	7-8	9+	1500	1	1	c	c	c	bc					
15 Dalwhinnie		-4	0	0	c	29	75	8	4	1	-	2-3	7-8	2500		0	0	0	29	95	6	4	4	-	7-8	10	800	4		bc	c	b	bc						
Aberdeen	1032.5	-4	NW	3	c	38	75	7	5	-	-	9	9	2500	1032.5	+2	NW	2	bc	36	75	7	5	-	-	4-6	4-6	2500	1	1	c	bc	bc	bc					
Wick	1032.8	0	SSW	2	bc	41	95	8	5	-	-	4-6	4-6	2500	1032.7	0	W	2	bc	31	95	8	5	-	-	2-3	2-3	2500	4	2	bc	bc	bc	bc					
16 Lerwick	1032.0	+2	WNW	1	c	43	75	9	5	-	-	9+	9+	1500	1031.9	-2	0	0	41	75	8	5	1	-	4-6	9	1500	0	*	c	c	bc	bc						
17 Blacksod Point	1028.3	-4	ENE	3	c	41	85	7	7	-	-	0	10	-	1028.6	-4	ENE	4	bc	41	85	7	-	4	-	0	4-6	-	0	3	c	c	c	b					
18 Malin Head	1030.2	0	NE	3	c	44	65	3	5	-	-	9+	9+	2500	1031.0	+6	E'N	3	c	45	65	7	8	-	-	9	9	1500	0										

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 20-1100 yds.
ff, thick fog, less than 20 yds.
fs, fog over sea (coast station).
fg, fog on lower ground (inland station).
m, mist, visibility 100-2200 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).
%k, slight storm of drifting snow (generally high).
%K, heavy storm of drifting snow (generally high).
Q, line squall. l, lightning.
o, overcast sky. p, passing showers.

q, squall. 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

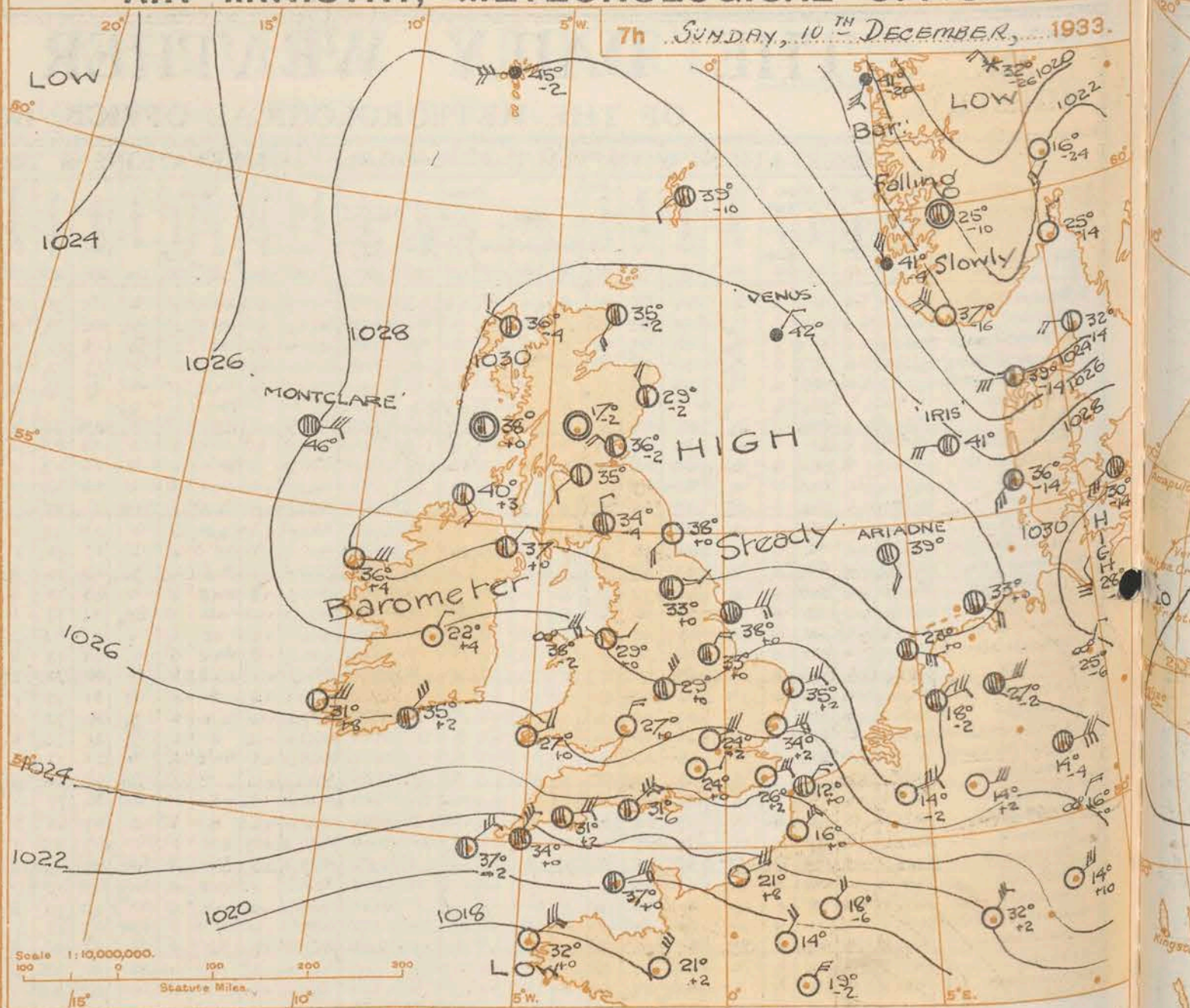
REPORTS from HEALTH RESORTS for 9th DECEMBER, 1933.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th SUNDAY, 10th DECEMBER, 1933.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Fore-noon.	After-noon.	Min. 9h. to 9h.	Max. 9h. to 17h.	Night. 17h. to 9h.	Day. 9h. to 17h.	
1 Tunbridge W.	cbcb	b	25	33	-	-	3.5
Bournemouth	cb	bm	27	35	-	-	4.1
Ventnor	ou	ob	29	34	-	-	3.1
Southsea	b	bbm	25	34	-	-	6.0
Bognor Regis	cbcb	b	26	34	-	-	6.2
Littlehampton	cbcb	b	25	35	-	-	6.2
Worthing	b	b	26	34	-	-	6.2
Brighton	b	b	27	34	-	-	6.3
Eastbourne	cbcb	b	29	34	-	-	5.2
Hastings	cbcb	cbcb	27	33	-	-	5.7
Folkestone	cbcb	b	28	34	-	-	5.3
Dover	bbc	bbc	(29)	(36)	-	-	6.0
Deal	cbcb	bbc	29	34	-	-	4.9
Ramsgate	bc	bc	29	35	-	-	5.1
Margate	bc	bc	29	35	-	-	4.5
2 Southend	c	cbcb	31	34	-	-	1.5
Maldon	c	cb	30	34	-	-	3.2
Clacton-on-Sea	bc	cbcb	32	36	-	-	2.9
Dovercourt	bc	bc	31	36	-	-	6.3
Lowestoft	b	b	31	35	Tr	-	6.6
Skegness	b	bco	36	37	-	-	5.6
Mablethorpe	cbcb	bbc	35	39	-	-	4.2
Cleethorpes	c	c	37	38	0.2	-	1.6
3 Leamington S.	bbc	bc	26	34	-	-	5.9
4 Cheltenham	bcxb	bbmo	26	33	-	-	4.9
5 Bath	cbcb	b	25	32	-	-	4.5
Weymouth	c	cb	29	35	-	-	2.2
Jersey	cb	bc	28	34	-	-	6.5
Torquay	copsc	o	31	36	-	Tr	0.0
Penzance	c	c	31	35	-	-	0.1
St. Ives	c	c	32	35	-	-	0.0
Bude	cbcb	bbc	29	33	-	-	2.0
Ilfracombe	cbcb	bbc	29	33	-	-	2.0
6 Aberystwyth	zbc	bcz	33	37	-	-	6.4
7 Llandudno	cmc	ebcb	35	38	-	-	0.2
Colwyn Bay	odo	ocbcb	34	37	0.3	-	0.2
Rhyl	domc	cmcb	34	38	1	-	0.0
8 Wallasey	rmoc	mcbcb	33	38	1	-	0.0
Southport	oc	cbcb	33	38	0.2	-	0.3
Blackpool	od	oc	34	40	0.5	0.2	0.3
Morecambe	c	cbcb	35	42	0.3	-	0.9
9 Ilkley	d.c	c	33	39	3	Tr	0.0
10 Berwick-on-T.	opr	prc	37	44	3	2	0.2
11 Dunbar	crr	crr	36	43	7	4	0.0
12 Troon	bcxhc	coc	32	41	-	Tr	0.4
Douglas	cbcb	oroc	37	42	0.3	0.5	0.0

+ Max. Temp. for period 21h. yesterday to 17h. to-day; Min. Temp. 21h.-9h. | Min. Temp. 17h.-9h.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th December, 1933.
1. S.E. England	
2. E. England...	Moderate easterly wind, falling light; fine apart from local mist or fog; cold, sharp frost at night.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate easterly wind, falling; variable cloud; rather cold.
6. South Wales	
7. North Wales	As 1 - 4.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	Light variable winds; fair apart from local mist or fog; rather cold, sharp frost at night.
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotland. B. N.W. Scotland.	As 15 - 16.
14. Mid-Scotland	As 13A.
15. N.E. Scotland	
16. Orkneys and Shetlands.	Light variable winds, becoming westerly; mainly fair but occasional slight showers; rather cold.
17. N.W. Ireland	
18. N.E. Ireland	As 8 - 13A.
19. S.E. Ireland	
20. S.W. Ireland	As 1 - 4.

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 1/4 clouded. ○ Sky 1/4 to 1/2 clouded. ○ Sky 1/2 to 3/4 clouded. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. ▲ Hail.
Fog. — Mist. T Thunder. K Thunderstorm. oo Slight haze.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An elongated anticyclone has one centre over Scotland. Weather will be cold and mainly dry in all districts.

FURTHER OUTLOOK.

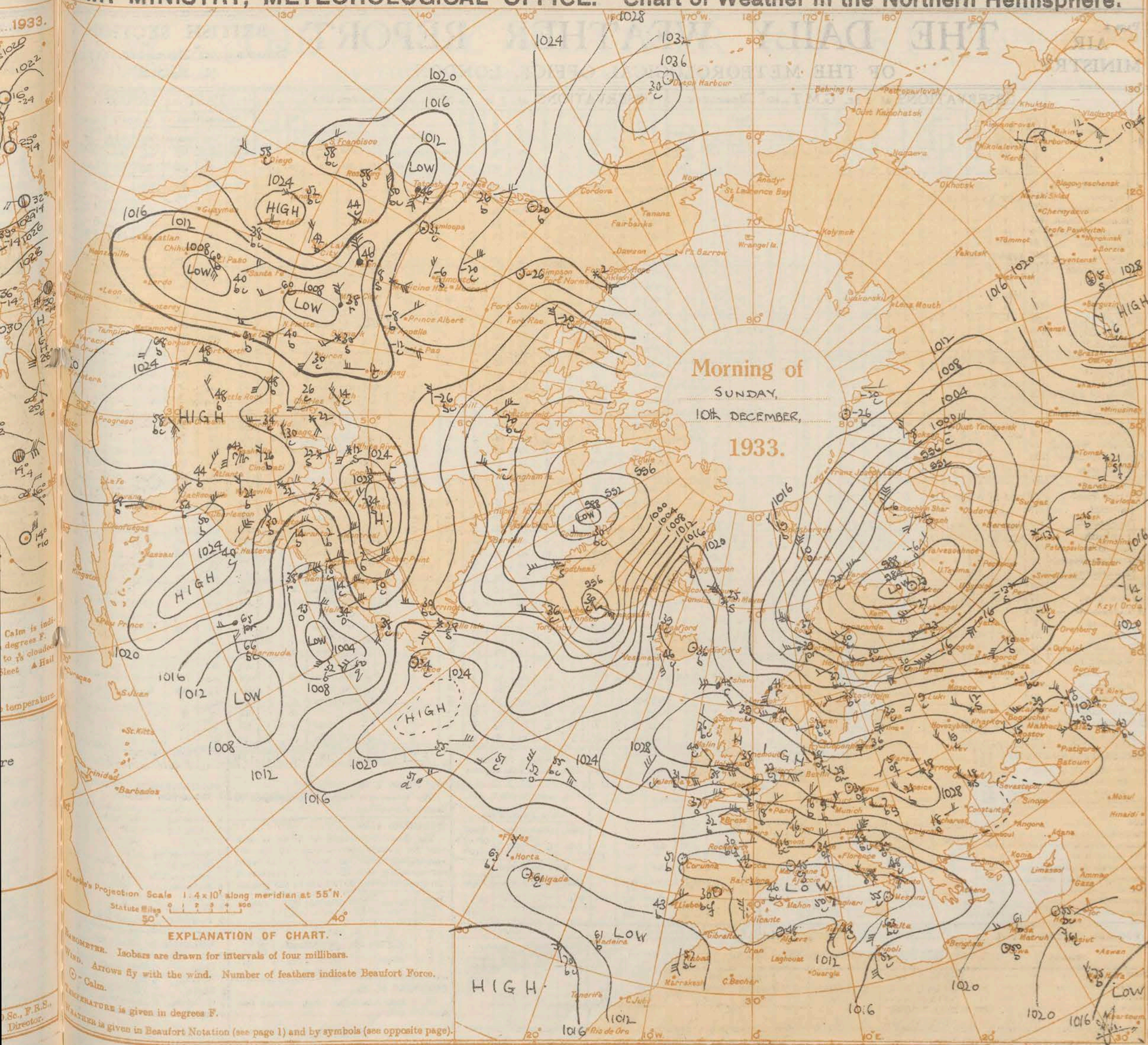
Continuing cold.

Forecasts issued at 1100 G.M.T.

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

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

1933.



Calm is indi-
cated by a circle
to 10 clouded
Sleet & Hail
temperature

re

Chart Projection Scale 1:4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500
50°

Sc. F.R.S.
Director.

OF THE METEOROLOGICAL OFFICE, LONDON.

[illegible]

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

† The observations are from Valencia W/T station ‡ Maximum and Minimum Temperatures and Rainfall are for the 24 hours ending 9h.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

STATIONS.	OBSERVATIONS at 13h. G.M.T. 10th December														OBSERVATIONS at 18h. G.M.T. 10th December														PAST 24 HOURS.					
	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3-4)		Weather. (5)	Temp. (6)	Humid. (7)	Visibility (8)	Cloud. (9-14)						Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17-18)		Weather. (19)	Temp. (20)	Humid. (21)	Visibility (22)	Cloud. (23-28)						State of Ground. (29)	Sea. (30)	WEATHER. (31-34)			
			Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High. (11)	Low. (12)	Total. (13)	Height of Base. (feet) (14)			Direc. (17)	Force. (18)					Low. (23)	Med. (24)	High. (25)	Low. (26)	Total. (27)	Height of Base. (feet) (28)			7h.-13h. 10th. (31)	13h.-18h. 10th. (32)	18h. 10th. 11th. (33)	11h.-17h. (34)

1	London (Kew)...	1025.2	-6	NE	3	bc	35	75	5	5	-	-	2-3	2-3	2500	1025.3	+6	NE	N	4	c	33	85	5	5	-	-	9	9	4000	4	*	bm, bc	bc, mx, mx	cc	cm
	Croydon ...	1024.8	-10	ENE	3	bm	34	75	4	-	-	-	0	0	-	1024.8	-2	NE	E	3	c	31	75	6	5	-	-	7-8	7-8	2500	0	*	bm, mx	bc, mx, mx	cm, x	c
	S. Farnborough ...	1024.9	-10	N	2	b	33	75	5	-	-	-	0	0	-	1024.8	+2	NE	E	2	o	30	75	6	5	-	-	10	10	1500	4	*	bm, o	b-c, o	cx, x	cx, o
	Boscombe Down ...	1024.5	-10	NE	4	b	33	75	7	-	-	-	0	0	-	1025.0	+10	NNE	E	4	b	27	85	7	-	-	0	0	-	4	*	bm, x, b	bm, b, x	bx	bcc	
	Calshot, S'thmtn ...	1024.2	-2	NE	N	4	b	35	75	6	-	-	0	0	-	1023.7	+4	N	E	3	b	31	85	6	-	-	0	0	-	4	1	bm, x	bm, x	b, x, mx, bc	b, x, cc	
	Dungeness ...	*	*	ENE	6	bq	*	*	7	-	-	-	0	0	-	*	*	ENE	5	cq	*	*	7	8	-	-	7-8	7-8	1500	*	4	b	bc	bc	bc	bc
	Lympne ...	1024.5	-8	NE	5	b	33	65	7	-	-	-	0	0	-	1024.1	0	NE	E	4	bc	32	85	7	5	-	-	2-3	2-3	1500	4	*	b, m, b	b, bq	bq, bc, x	b, cc, x
2	Shoeburyness ...	1025.2	-10	E, S	4	bc	37	65	7	1	-	-	Tr	Tr	2500	1025.0	0	ENE	E	3	c	35	75	7	5	-	-	7-8	7-8	1500	0	*	b, b	b, bc	b, cc	c
	Felixstowe ...	1026.3	-10	NE	4	bc	36	65	7	5	-	-	+6	4-6	2500	1026.1	0	NE	E	4	c	35	75	7	5	-	-	9	9	2500	0	3	b, bc	b, cc	b, cc	c
	Gorleston ...	1027.2	-10	ENE	5	c	35	85	7	8	-	-	7-8	7-8	2500	1026.9	0	ENE	E	5	b	35	75	7	-	-	0	0	-	0	4	cq	c, bcq	b, cc, cq	c, pr	
	Cranwell ...	1023.5	-8	NE	2	c	35	75	7	5	-	-	9+	9+	2500	1023.2	0	NE	E	2	c	33	75	7	5	-	-	10	10	2500	4	*	cis, c	c	c, mo	c, mo
3	Birmingham ...	1027.7	-8	NE	3	c	33	75	5	5	-	-	9	9	2500	1027.3	+4	ENE	E	3	c	33	75	5	5	-	-	10	10	1500	4	*	c, bc	c, c	c, bc	b, cc
	Upper Rayford ...	1026.4	-12	NE	3	bc	33	75	7	5	-	-	2-3	2-3	2500	1026.8	+6	NE	E	3	c	31	75	6	5	-	-	10	10	1500	4	*	b, bc	b, bc	c, mo	c, x
4	Ross-on-Wye ...	1026.1	-10	ENE	3	c	33	75	7	5	-	-	9+	9+	4000	1026.5	0	ENE	E	3	c, z	32	75	6	5	-	-	9+	9+	2500	0	*	c, bc	c, bc	c, b, bc	b, x, c
5	Portland Bill ...	1022.0	-14	NE	5	b	36	65	7	-	-	-	0	0	-	1022.7	+10	NE	E	5	bc	33	75	6	5	-	-	2-3	2-3	2500	0	4	b, c	b, bc, z	b, c, z	c
	Plymouth ...	1022.6	-12	NE	5	b	34	65	8	-	-	-	0	0	-	1022.8	+8	NE	E	5	b	33	65	7	-	-	0	0	-	0	2	c, bc	c, bc	b, y	b, c	
	The Lizard ...	1021.9	-2	NE	5	c	37	85	7	5	-	-	9+	9+	2500	1022.2	+4	NE	E	4	bc	37	65	7	7	-	-	2-3	2-3	2500	0	3	o, c	c, bc	b, c	b, c, x
	Scilly (St. Mary's) ...	1021.4	-4	ENE	5	c	40	85	6	5	6	-	7-8	9+	2500	1023.0	+10	NE	E	4	bc	36	75	7	5	-	-	2-3	2-3	2500	0	3	c	c, bc	b, c, b	b, c, bc
	Guernsey ...	1026.4	-2	ENE	5	bc	39	75	6	1	1	-	2-3	2-3	4000	1020.1	+8	ENE	E	6	bc	41	75	7	1	-	-	2-3	2-3	2500	0	4	c, b, c	b, c, bc	b, cc	c, q
6	Pembroke ...	1024.7	-8	ENE	3	b	36	85	7	5	-	-	Tr	Tr	5700	1025.3	+4	ENE	E	3	b	34	75	7	5	-	-	2-3	2-3	4000	5	2	b, b	b, q, bx	b, x	b, x
7	Holyhead ...	1027.4	-6	ENE	5	b, z	37	75	7	5	-	-	1	1	2500	1027.8	+2	E	N	4	o, z	38	75	5	5	-	-	10	10	2500	0	2	c, bc, z	b, bc, z, o	o, z, o	o, z, c
	Chester (Sealand) ...	1029.0	-10	NE	1	c, z	35	75	6	5	-	-	9	9	4000	1028.8	+2	ESE	E	2	o, z	34	75	6	5	-	-	10	10	2500	0	*	b, m, c	b, m, c	c, z, o	c, z, c
8	L'pool (Bidston) ...	1029.0	-2	NNE	2	c, f	35	75	3	5	-	-	9	9	450	1028.5	+2	NE	E	3	c	35	75	6	5	-	-	10	10	1500	0	*	x, b, m, c, f	g, f, c, m, c	c	c, o
	Manchester ...	1023.8	-6	*	*	c, z	37	65	6	8	-	-	9	9	1500	1023.6	+2	*	*	z	36	65	6	5	-	-	10	10	1500	4	*	b, z, f, c	c, z, o	c, z, m	c, m	
9	Harrogate ...	1029.5	-6	ESE	1	c	35	95	6	6	2	-	7-8	9+	2500	1028.7	0	-	o	c	34	85	5	5	-	-	9+	9+	2500	1	*	c	c	c	c	
10	Spurn Head ...	1028.5	-4	E	4	c	38	85	8	5	2	-	7-8	9+	2500	1027.7	-2	NE	N	3	o	38	75	8	-	2	-	0	10	-	0	2	b, c	c, o	o, c	c, z
	Catterick ...	1029.4	-14	-	0	c	37	75	8	7	-	-	10	10	4000	1029.1	0	NW	W	1	c	36	85	7	5	-	-	10	10	2500	1	*	c	c	c	c, o
	Tynemouth ...	1029.3	-10	NW	1	c	39	85	4	6	-	-	9	9	1500	1028.4	-4	W	2	c	40	85	6	5	-	-	7-8	7-8	1500	1	2	o, c, m	c	o, i, c	c, o	
11	Inchkeith ...	1030.8	-2	NW	1	bc	41	75	8	5	-	8	4-6	4-6	2500	1029.8	-6	NW	2	c	39	65	8	5	3	-	4-6	7-8	1500	0	1	c, bc	b, cc	b, c, z	b, c, z, o, f	
	Leuchars ...	1029.9	-14	W	1	bc	40	75	6	5	-	-	Tr	Tr	4000	1029.2	0	WNW	1	c	36	85	7	5	-	-	9	9	4000	1	*	b, c, b, v, x	b, m, c, x	b, c, bc, x	b, c, bc, x	
12	Renfrew (Abbott) ...	1030.2	-12	-	0	b, z	44	75	6	5	8	-	1	1	4000	1030.3	+2	W	3	1	m	29	95	4	-	-	0	0	-	4	*	b, c, b	b, z, o, b, m, x	b, m, c	b, m, c	
	Esksdalemuir ...	1029.5	-10	NNE	3	r, s	38	95	7	5	-	-	10	10	1500	1029.2	0	N	E	1	c	35	85	7	5	-	-	7-8	7-8	1500	1	*	cis, s	cis, s, c	c	c, b, x
13	Tiree ...	1031.2	-6	NE	1	b	45	65	9	1	4	-	Tr	Tr	5700	1030.6	0	NNE	2	b	40	75	9	5	5	-	Tr	1	4000	0	1	c, b, r, v	b, m, v, w	b, w, b, c, z, w	b, c, pr	
14	Stornoway ...	1031.2	-4	NW	1	bc	42	85	8	8	1	2-3	4-6	2500	1030.8	0	WNW	1	c	40	95	8	8	6	-	4-6	10	2500	1	1	b, c	b, cc	c	c		
15	Dalwhinnie ...	1030.8	-4	-	0	b	38	75	8	-	-	-	0	0	-	*	+2	-	o	b	20	95	8	4	-	Tr	Tr	1500	4	*	b	b	b	b		
	Aberdeen ...	1029.6	-16	WNW	3	c	37	75	6	5	-	7-8	7-8	2500	1029.1	-2	WNW	3	bc	35	85	6	5	-	-	Tr	Tr	2500	1	1	b, x, bc	c, bc, b	b, cc, z	c, z, c		
	Wick ...	1029.5	-2	WNW	2	c	39	95	8	8	1	7-8	9+	2500	1028.8	-6	WNW	2	c	39	95	8	9	1	8	4-6	9	1500	1	2	b, cc	c, pr, c	b, c, z	b, c		
16	Lerwick ...	1027.0	-16	WNW	2	bc	45	75	8	4	4	-	2-3</																							

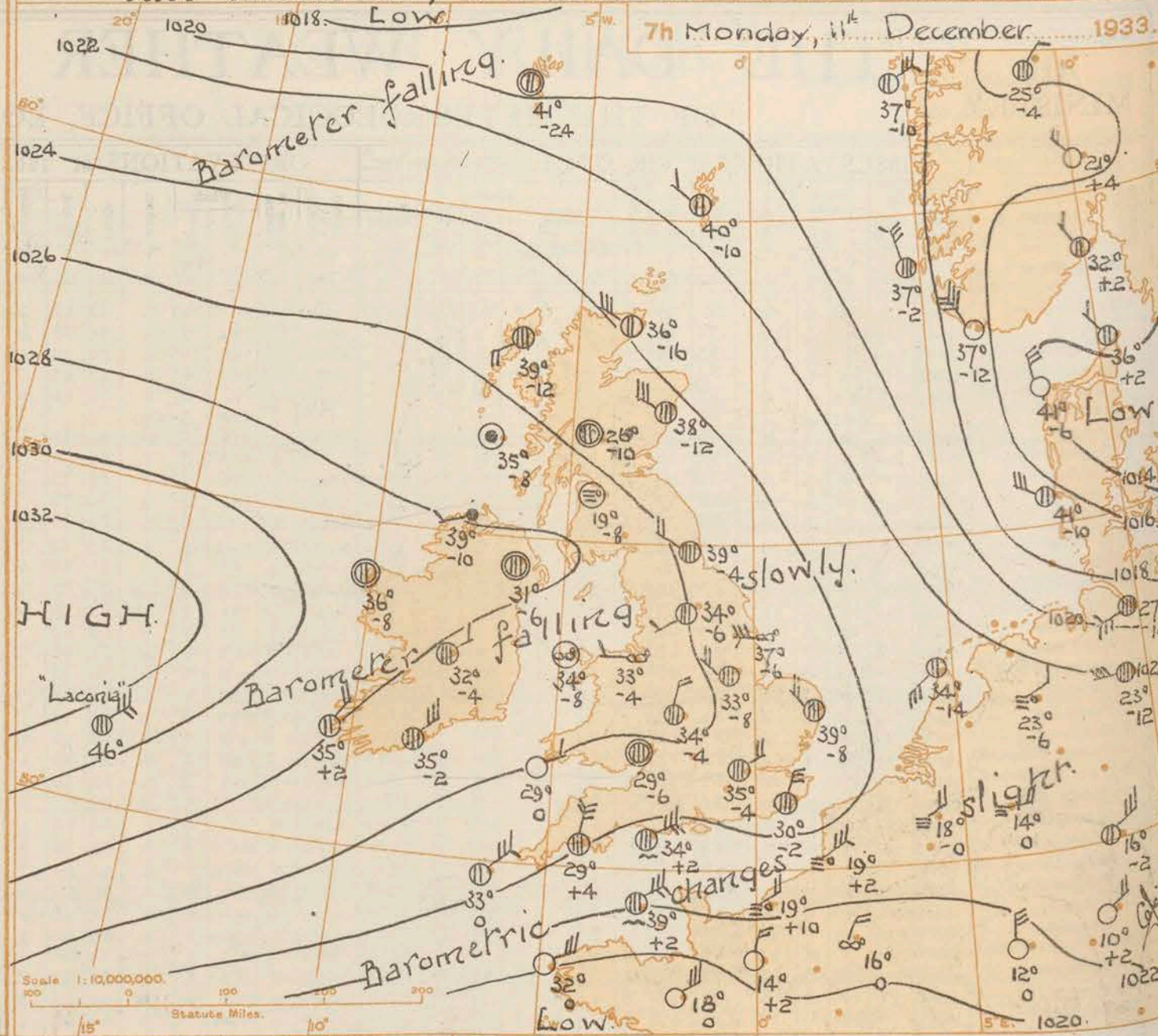
REPORTS from HEALTH RESORTS for Sunday, 10th December, 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	
				9h. to 9h. 10th.	9h. to 10th.	17h. to 9h. 10th.	9h. to 10th.	
1	Tunbridge W.	b	b	26	35	-	-	6.6
	Bournemouth	b	bm	22	35	-	-	5.2
	Ventnor	xbb	bb	29	36	-	-	6.0
	Southsea	bb	bbm	27	36	-	-	6.0
	Bognor Regis	bbb	b	26	37	-	-	6.9
	Littlehampton	b	b	24	38	-	-	7.0
	Worthing	b	b	25	37	-	-	6.7
	Brighton	b	b	26	37	-	-	6.8
	Eastbourne†	b	b	23	36	-	-	5.6
	Hastings†	bbb	bbbc	26	35	-	-	6.3
	Folkestone	xb	b	29	34	-	-	6.1
	Dover...	b	bbcc	29	35	-	-	6.7
2	Deal ...	b	bbc	30	34	-	-	6.1
	Ramsgate ...	bc	bc	31	36	-	-	5.7
	Margate ...	bc	bc	30	36	-	-	6.0
	Southend ...	bm.	bbcc	31	36	-	-	5.8
	Maldon ...	xb	bco	27	36	-	-	5.4
	Clacton-on-Sea	bbc	bcc	32	37	-	-	4.7
	Dovercourt ...	bx	bcc	32	36	-	-	4.7
3	Lowestoft ...	bc	c	32	35	-	-	0.5
	Skegness ...	o	o	35	(38)	-	-	0.0
	Mablethorpe	o	oco	36	39	-	-	0.0
	Cleethorpes ...	ose	o	35	38	-	-	0.0
	Leamington S.	c	co	25	35	-	-	1.9
4	Cheltenham†	cxb	bcb	25	32	-	-	3.6
	Bath ...	b	b	26	35	-	-	6.9
5	Weymouth ...	b	b	26	37	-	-	6.7
	Jersey ...	b	b	28	38	-	-	6.7
6	Torquay ...	bczab	bzo	31	37	-	-	5.2
	Penzance ...	c	cbb	30	37	-	-	2.2
7	St. Ives ...	c	b	31	35	-	-	3.1
	Bude ...	xb	bb	22	37	-	-	5.0
8	Ilfracombe ...	b	b	31	35	-	-	5.8
	Aberystwyth	xbc	bbe	30	37	-	-	6.3
9	Llandudno ...	b	bccgo	32	37	-	-	4.4
	Colwyn Bay ...	b	b	29	36	-	-	4.6
10	Rhyl ...	xbb	bccm	31	38	-	-	4.0
	Wallasey ...	xffo	fo	30	36	-	-	0.0
11	Southport ...	b	bco	28	36	-	-	2.2
	Blackpool ...	cbe	co	30	38	-	-	3.4
12	Morecambe ...	xbc	cbcc	30	38	-	-	1.7
	Ilkley ...	c	c	32	36	-	-	0.0
13	Berwick-on-T.	opr	prc	36	43	2	2	0.0
	Dunbar ...	bc	bc	40	43	5	-	0.6
14	Tron ...	cgec	ccfcl	33	40	-	-	0.0
	Douglas ...	xbcc	bco	36	40	-	-	0.9

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th Monday, 11th December, 1933.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th December, 1933.

1. S.E. England	Light wind, backing northwest or west; mainly cloudy, local mist and perhaps fog later; less cold, but perhaps slight frost locally tonight.
2. E. England...	
3. E. Midlands	
4. W. Midlands	Moderate or fresh northeast wind, falling light, backing later; mainly cloudy; local mist or perhaps fog later; less cold, but perhaps local frost tonight.
5. S.W. England	
6. South Wales	As 1 - 4.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light to moderate or fresh westerly wind; mainly cloudy, local showers at first, perhaps rain later; milder.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotl. B. N.W. Scot- land.	Moderate or fresh westerly wind; cloudy, rain at times; milder.
14. Mid-Scotland	As 7 - 12.
15. N.E. Scotland	As 13.
16. Orkneys and Shetlands	
17. N.W. Ireland	As 7 - 12.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	As 1 - 4.

BAROMETER. Isobars are drawn for intervals of two millibars. WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. TEMPERATURE is given in degrees F. WEATHER SYMBOLS: — Clear sky. — Sky less than $\frac{1}{8}$ clouded. — Sky $\frac{1}{8}$ to $\frac{1}{4}$ clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail. — Fog. — Mist. T Thunder. K Thunderstorm. oo Slight haze. SEA DISTURBANCE. — Rough. — High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone is centred over the Atlantic, and its extension over the British Isles is moving slowly south and giving way. Secondary disturbances will move southeast from Iceland to Denmark. Weather will be milder generally and will be unsettled in the North, but dry for a time in the South.

FURTHER OUTLOOK.

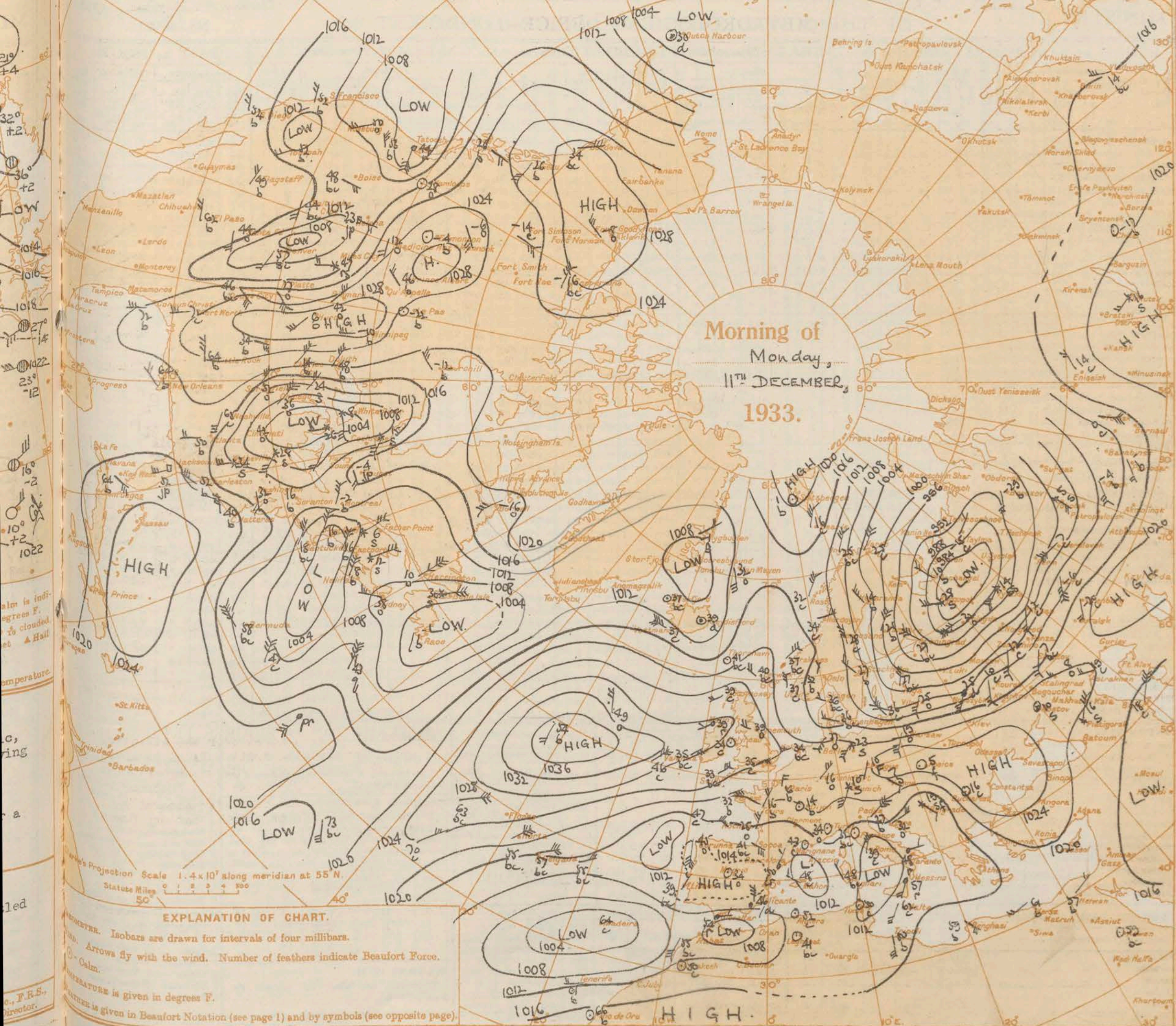
Considerably milder than of late. Unsettled in the North, and probably less settled in the South.

Forecasts issued at 10000 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.

1933.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday 11th December 1933.
No. 26,371.

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 11th December														OBSERVATIONS at 7 hr. G.M.T. 11th December														PAST 24 HOURS.										
		Height above M.S.L. in feet.	Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 10th Hr. (89)								
					Direc.	Force.					Low.	Med.	High.			Low.	Total.					Low.	Med.	High.			Low.	Total.	Min. on Grass °F.	Day 7h-12h mm.	Night 12h-7h mm.									
																																	Form.	Amount.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Max. Day 7h-12h °F.	Min. Night 12h-7h °F.
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1024.6	0	NE	3	C	36	85	6	5	-	-	10	10	2500	4	*	35	32	30	-	-	3.5					
	Croydon ...	217	1024.2	0	ENE	3	C	33	75	7	5	-	-	10	10	2500	1024.4	-4	ENE	2	C	35	75	7	5	-	-	10	10	2500	4	*	35	31	29	-	-	3.5		
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1024.7	0	NE	2	C	33	75	6	5	-	-	10	10	2500	4	*	33	29	22	-	-	0.8					
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1024.8	+2	NE	2	C	31	75	7	5	-	-	9+	9+	1500	4	*	33	25	23	-	-	7.0					
	Calshot (St. Mary's) ...	8	*	*	*	*	*	*	*	*	*	*	*	1024.5	+4	NNE	2	C	33	85	8	5	-	-	9	9	4000	4	2	35	29	23	-	-	5.1					
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	ENE	4	bc	*	*	7	5	7	*	2-3	4-6	2500	*	2	37	29	*	-	-	*					
	Lympe ...	346	1024.3	-2	NE	4	C	30	85	7	5	2	-	4.6	7.8	2500	1024.5	-2	NE	3	C	30	85	8	5	-	-	9+	9+	4000	4	*	33	25	18	-	-	7.0		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1024.4	0	NNE	3	C	37	75	7	5	-	-	9	9	2500	0	*	37	33	29	-	-	5.2					
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1024.6	0	NNW	2	C	35	75	7	5	-	-	9+	9+	2500	0	2	37	34	32	-	-	4.5					
	Gorleston ...	5	1025.9	-10	NE	3	C	36	95	7	5	-	-	9+	9+	2500	1024.5	-8	NW	2	C	39	85	7	8	-	-	9+	9+	2500	0	2	36	35	32	-	-	0.2		
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1025.9	-8	NW	2	C	33	85	5	5	-	-	10	10	2500	1	*	35	33	31	Tr	-	-	0.0				
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1026.2	-4	NNE	2	C	34	65	6	5	-	-	10	10	1500	4	*	33	31	25	-	-	0.3					
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1026.1	-4	-	0	C	36	85	7	5	-	-	10	10	1500	4	*	34	24	18	-	-	*					
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1025.9	-6	-	0	C	29	85	6	5	-	-	10	10	2500	4	*	33	25	13	-	-	1.1					
5	Portland Bill ...	32	1023.3	-2	ENE	5	C	34	85	6	5	-	-	10	10	1500	1023.4	+2	ENE	5	C	34	85	8	5	-	-	10	10	2500	0	4	37	31	*	-	*			
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1025.0	+4	NNE	5	C	29	75	8	5	-	-	10	10	2500	0	2	37	29	27	-	-	5.4					
	The Lizard ...	240	1023.6	0	NE	4	bc	35	75	7	8	-	-	4.6	4.6	2500	1024.4	+4	NE	3	0	29	95	7	5	-	-	10	10	2500	4	3	37	27	*	-	0.1			
	Scilly (St. Mary's) ...	163	1024.0	+4	ENE	4	b	34	85	6	-	-	-	0	0	-	1024.5	0	NE	4	bc	33	85	7	4	-	-	4-6	4-6	2500	0	3	40	33	*	-	0.1			
	Guernsey ...	175	1021.1	+2	ENE	5	C	39	75	7	8	-	-	7.8	7.8	2500	1021.1	+2	ENE	5	9	39	65	7	8	-	-	10	10	1500	0	4	42	38	35	-	-	5.4		
8	Pembroke ...	142	1025.3	+4	NE	2	b	30	75	7	5	-	-	1	1	5700	1026.1	0	ENE	1	b	29	85	7	5	-	-	1	1	5700	5	1	37	26	*	-	6.3			
7	Holyhead ...	26	1028.0	0	E	3	3	37	65	5	5	-	-	10	10	2500	1027.2	-8	-	0	3	34	75	6	5	-	-	9+	9+	2500	0	0	38	32	29	-	-	6.0		
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1027.3	-4	W	1	3	33	75	5	5	-	-	10	10	4000	0	*	37	31	27	-	-	1.0					
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1027.0	-6	WSW	2	0	35	65	7	5	-	-	10	10	2500	4	*	36	34	30	-	-	1.7					
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1026.7	-4	-	-	m	32	95	4	5	-	-	10	10	1500	4	*	37	31	29	-	-	*					
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1025.9	-6	WSW	1	C	34	95	7	5	-	-	9+	9+	4000	1	*	36	33	27	-	-	0.0					
10	Spurn Head ...	29	1026.5	-4	ENE	2	C	40	85	8	5	2	-	2.3	10	4000	1024.4	-6	W	4	3	37	95	5	5	3	-	4-6	7-8	1500	0	2	39	36	*	-	0.0			
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1025.7	-10	WNW	2	c/r	39	95	7	6	-	-	9	9	1500	1	*	38	35	30	-	-	0.1					
	Tynemouth ...	100	1026.8	-10	W	2	C	39	95	6	6	-	-	7.8	7.8	1500	1025.7	-4	NW	2	0	39	85	7	6	-	-	10	10	1500	1	2	40	38	34	-	-	0.3		
11	Inchkeith ...	190	1028.9	-6	SW	2	3	35	95	5	5	-	-	4.6	4.6	1500	1026.7	-2	WSW	3	cf	32	95	3	5	3	-	7-8	9+	800	0	2	44	31	24	-	-	3.7		
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1025.5	-8	W	3	C	35	75	8	5	-	-	9	9	4000	1	*	42	31	24	-	-	5.4					
12	Beaufort (Abbots) ...	18	*	*	*	*	*	*	*	*	*	*	*	1027.7	-8	-	0	m	19	95	4	-	-	-	0	0	-	4	*	44	17	15	-	-	4.3					
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1027.7	-4	-	0	b	25	85	8	5	-	-	1	1	2500	4	*	38	25	18	0.4	-	-	0.0				
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1026.9	-8	-	0	id	35	95	9	3	5	3	1	2-3	2500	1	1	47	30	16	-	-	5.2					
13b	Stornoway ...	34	1028.4	-10	W	1	C	40	85	7	8	6	-	7.8	10	2500	1025.2	-12	SW	2	C	39	85	8	4	6	-	4-6	7-8	2500	1	1	43	38	*	-	-	5.3		
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	-10	-	0	bc	26	95	8	4	-	-	-	4-6	4-6	2500	4	*	38	15	7	-	-	3.4					
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	1024.6	-12	W	3	C	38	75	7	5	-	-	7-8	7-8	2500	1	1	37	34	31	-	-	2.3					
	Wick ...	81	1027.2	-6	WNW	3	bc	36	95	8	8	1	-	4.6	4.6	2500	1023.7	-16	WNW	3	bc	36	95	8	5	-	-	2-3	2-3	2500	1	2	41	35	*	0.4	-	*		
16	Lerwick ...	54	1024.1	-6	NW	1	bc	41	95	8	4	-	-	4.6	4.6	1500	1021.5	-10	NW	1	bc	40	85	8	5	1	1	2-3	4-6	2500	1	*	45	39	*	Tr	1	2.4		
17	Blackod Point ...	18	1030.7	-4	-	0	C	39	85	7	9	-	-	7.8	7.8	-	1029.7	-8	-	0	bc	36	95	7	8	-	-	4-6	4-6	-	0	2	40	36	*	-	0.2			
18	Malin Head ...	52	1029.5	-6	-	0	C	39	95	9	4	-	-	7.8	7.8	1500	1027.6	-10	W	1	r	39	85	8	3	-	-	9+	9+	1500	1	0	45	38	*	Tr	0.3	0.0		
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	1028.5	-6	-	0	C	31	95	7	5	-	-	10	10	2500													

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday, 12th December 1933.
No. 26318

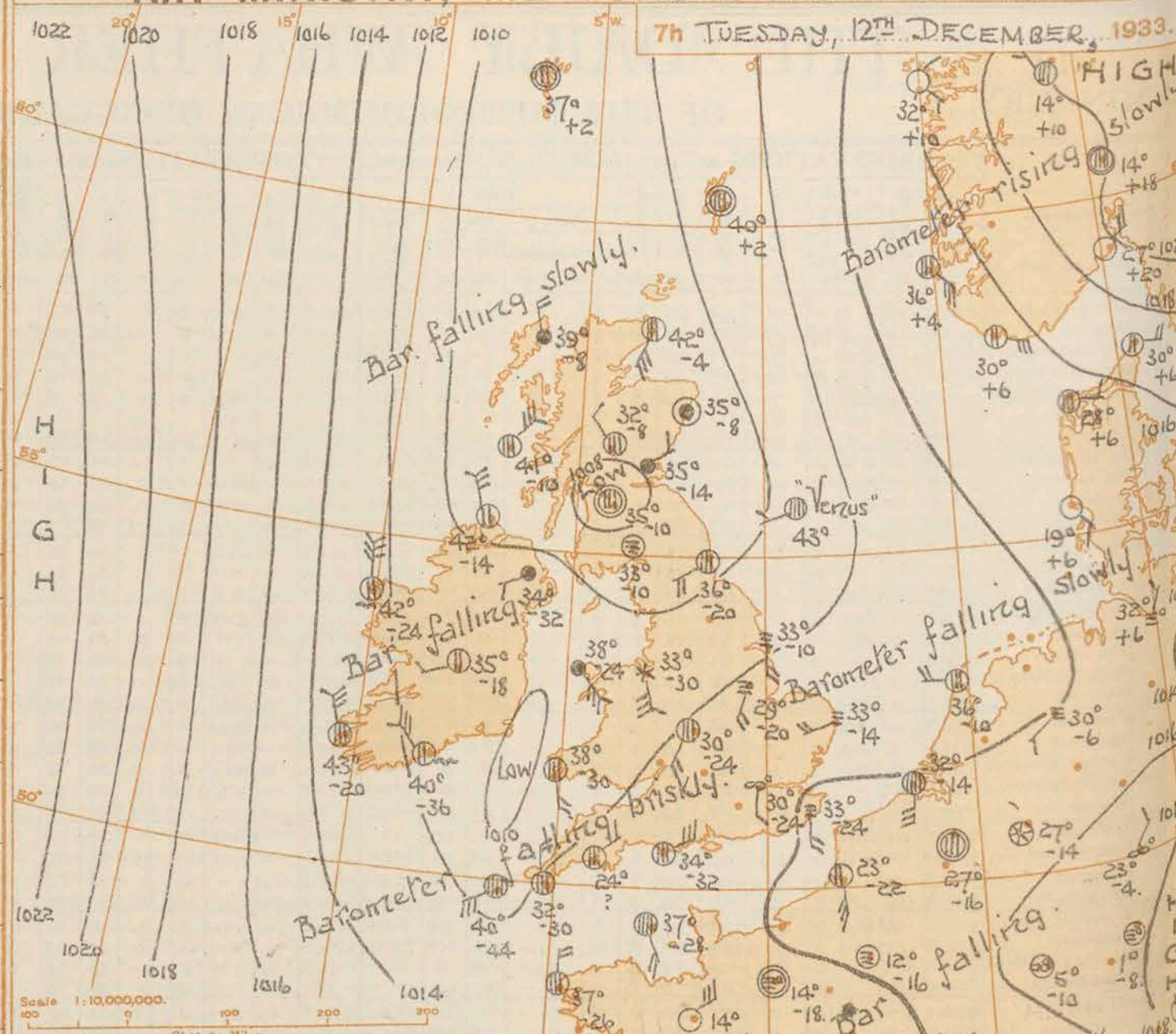
STATIONS.	OBSERVATIONS at 13h. G.M.T. 11th December														OBSERVATIONS at 18h. G.M.T. 11th December														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Direc.	Force					Form.	Amount.	Height of Base. (feet)	Direc.	Force	Form.			Amount.	Height of Base. (feet)					Direc.	Force	Form.	Amount.	Height of Base. (feet)	7h.-13h. 11h.			13h.-18h. 1h.	18h. 11h. 12h.					1h.-7h. 12h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
(For heights see p. 4.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

REPORTS from HEALTH RESORTS for... 11th December... 1933.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Fore-noon.	After-noon.	Min. 9h. to 9h. 11h.	Max. 9h. to 17h.	Night. 17h. to 9h. 11h.	Day. 9h. to 17h.	
1. Tunbridge W.	0	0	26	36	-	-	0.0
Bournemouth	0	0	27	36	-	-	0.0
Ventnor	0	0	31	38	-	-	0.0
Southsea	bcc	c	28	39	-	-	0.0
Bognor Regis	bc	bc	27	39	-	-	0.3
Littlhampton	bcc	c	28	39	-	-	0.2
Worthing	c	c	27	40	-	-	0.1
Brighton	c	c	28	39	-	-	0.1
Eastbourne	c	c	27	38	-	-	0.1
Hastings	coc	co	27	37	-	-	0.1
Folkestone	xc	cda	31	37	-	-	0.0
Dover	c	cda	31	38	-	-	0.0
Deal	oc	of	31	38	-	Trace	0.1
Ramsgate	coc	ocd	33	39	-	Trace	0.0
Margate	cda	cda	32	40	-	0.3	0.0
2. Southend	cfa	cm	33	39	-	-	0.0
Maldon	c	co	32	39	-	-	0.0
Clacton-on-Sea	cm	cm	34	40	-	-	0.0
Dovercourt	bcc	bcc	34	40	-	-	1.2
Lowestoft	ciz	beb	33	40	-	-	0.4
Skegness	cbe	b	38	42	-	-	3.7
Mablethorpe	cmob	bcm	34	43	-	-	4.1
Cleethorpes	bfc	cm	33	42	-	-	1.9
3. Leamington S.	0	0	27	38	-	-	0.0
4. Cheltenham	oxbc	coca	23	33	-	-	0.0
5. Bath	c	c	27	35	-	-	0.0
Weymouth	c	c	27	36	-	-	0.0
Jersey	cbe	bc	30	40	-	-	5.3
Torquay	qae	cze	29	36	-	-	0.0
Penzance	xcc	c	27	35	-	-	0.0
St. Ives	c	c	29	34	-	-	3.1
Bude	xc	c	30	34	-	-	0.1
Hracombe	coc	c	33	37	-	-	0.2
6. Abersystwyth	xcz	c	28	36	-	-	0.4
7. Llandudno	c	bcc	31	39	-	-	0.4
Colwyn Bay	oc	bcc	30	40	-	-	0.7
Rhyl	c	bcc	30	37	-	-	0.0
8. Wallasey	cbe	bc	31	38	-	-	0.0
Southport	ocbe	bccb	32	41	-	-	0.7
Blackpool	c	c	34	41	-	-	0.4
Morecambe	c	bcc	30	40	-	-	1.8
9. Ilkley	c	bcc	30	36	-	-	0.0
10. Berwick-on-T.	c	bcb	32	38	-	-	0.7
11. Dunbar	bcc	bc	33	40	-	-	2.4
12. Troon	bccbx	cbe	28	48	-	-	3.1
Douglas	xbe	cb	26	44	0.3	-	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. 12th December, 1933.
1. S.E. England	Light or moderate south to southeast wind; cloudy or dull, probably occasional slight snow or sleet; local mist or fog; cold.
2. E. England...	
3. E. Midlands	Light or moderate south to southeast wind; dull, slight snow; local mist or fog; cold.
4. W. Midlands	
5. S.W. England	Light or moderate variable wind, finally easterly; cloudy or dull, some rain or sleet, snow locally inland; cold.
6. South Wales	
7. North Wales	Light or moderate southeast to east wind; dull, some snow or sleet, mainly slight; cold.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light or moderate southeast to east wind; dull, occasional rain or sleet, snow locally inland; becoming less cold.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Light or moderate variable wind, finally easterly; cloudy or dull, occasional rain, sleet or snow; rather cold.
13. { A.W. Scotld. B.N.W. Scot- land.	
14. Mid-Scotland	Moderate or fresh southeast wind; dull, occasional rain, sleet locally; temperature about normal.
15. N.E. Scotland	
16. Orkneys and Shetlands.	Fresh northerly wind, veering northeast; mainly cloudy, some showers; rather cold.
17. N.W. Ireland	
18. N.E. Ireland	Light or moderate north to northeast wind; cloudy or dull, occasional rain or sleet; rather cold.
19. S.E. Ireland	
20. S.W. Ireland	As 17.

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 1/4 clouded. ☉ Sky 1/4 to 1/2 clouded. ☉ Sky 1/2 to 3/4 clouded. ☉ Overcast sky. ☉ Rain falling. * Snow. * Sleet. * Hail.
☉ Fog. ☉ Mist. T Thunder. T Thunderstorm. ☉ Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A complex shallow depression over the British Isles is moving south and growing somewhat deeper. In its rear a ridge of high pressure will develop to northward of Scotland, joining the Atlantic anticyclone with a new anticyclone developing over Scandinavia. Wintry weather will continue, and snow will fall in many districts though not in large amounts.

FURTHER OUTLOOK.

Easterly winds, cold for some days, especially in the South; local wintry showers.

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.

1933.

High slowly

14° +18

27° 1020

+20

1018

30° +6

1016

32° +6

1014

1016

23° -4

1018

1016

1018

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Morning of
TUESDAY,
12TH DECEMBER,
1933.

Calm is indi-
cated by F.
to 16 clouded
feet. Hail
temperature

British
paper,
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not

pecially

So., F.R.S.
Director

EXPLANATION OF CHART.

ISOBARS. 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.

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

1016

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Tuesday, 12th December 1933.
 No. 26318

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 12 th December														OBSERVATIONS at 7 hr. G.M.T. 12 th December														PAST 24 HOURS.								
		Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs.						
					Direc.	Force.					Low.	Med.	High.			Low. 0-10	Total 0-10					Height of Base (feet)	Low.	Med.			High.	Low. 0-10	Total 0-10	Height of Base (feet)	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.		
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	1013.2	-30	NE E	1	C	31	95	5	5	-	-	9+	9+	2500	4	*	39	31	27	-	-	0.0				
	Croydon	217	1018.3	-20	W S	1	30	31	85	5	5	2	-	4.6	10	2500	1013.2	-24	S	1	30	85	6	5	-	9+	9+	2500	4	*	39	29	27	-	-	0.0		
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.0	-24	E N	1	30	85	3	5	1	-	9	10	4000	4	*	37	28	20	-	-	0.0		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.6	-28	E	2	C	26	85	6	5	3	-	4.6	7.8	2500	4	*	35	24	20	-	-	0.0	
	Calshot (St. Thomas)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.8	-28	-	0	C	33	85	8	5	-	10	10	4000	0	2	38	32	28	-	-	0.0		
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NE	1	C	*	*	6	5	-	9+	9+	1500	*	0	38	(32)	*	-	-	*		
	Lympne	346	1018.3	-22	N W	1	30	33	75	5	5	-	-	10	10	1500	1014.2	-24	SE	2	Cf	33	85	3	5	-	10	10	1500	1	*	37	31	29	Tr	-	0.2	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.3	-30	N	2	C	33	85	5	5	-	9+	9+	4000	0	*	40	31	27	-	-	0.0		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.7	-20	NW	1	C	31	95	4	5	-	9	9	4000	0	0	40	29	27	-	-	1.4		
	Gorleston	5	1016.6	-18	WSW	2	F	34	95	1	-	-	-	10	10	<150	1013.6	-14	WSW	2	f	33	95	2	5	-	10	10	<150	0	1	43	32	30	-	Tr	0.2	
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.8	-20	SSW	2	Cf	29	95	3	-	7	6	0	9	-	4	*	37	28	21	-	-	0.7	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.3	-24	SSW	2	C	30	85	7	-	1	-	0	7.8	-	4	*	36	29	27	-	-	0.0	
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.6	-32	E	1	30	85	6	5	-	9+	9+	1500	4	*	36	30	27	-	-	0.0			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.3	-28	ESE	1	30	85	5	5	-	9+	9+	2500	0	*	35	29	22	-	-	0.0			
5	Portland Bill	32	1017.8	-22	NE	3	C	35	75	6	5	-	-	9	9	1500	1012.0	-32	ENE	3	C	34	75	7	5	-	10	10	1500	0	3	37	30	*	-	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.4	-30	NE	1	Cf	24	85	7	5	-	9	9	450	5	0	35	24	19	-	Tr	0.2		
	The Lizard	240	1013.3	-22	N	2	bc	31	95	7	4	-	-	4.6	4.6	4000	1012.1	-30	N	2	C	32	95	7	5	-	9	9	2500	4	2	32	30	*	-	-	*	
	Scilly (St. Mary's)	163	1013.3	-22	NNE	4	bc	38	65	7	2	-	-	4.6	4.6	2500	1011.6	-44	SW	3	Cfpr	40	85	7	8	-	10	10	2500	1	2	36	34	*	-	Tr	0.2	
	Guernsey	175	1017.6	-22	SE	1	0	38	85	6	5	-	-	10	10	1500	1013.0	-28	SSE	2	0	37	85	7	5	-	10	10	2500	0	3	31	37	35	-	-	3.4	
6	Pembroke	142	1017.8	-24	SW	1	bc	36	65	7	5	4	-	1	2.3	4000	1010.9	-30	SSE	2	C	38	85	7	5	-	7.8	7.8	2500	4	2	36	27	*	-	Tr	3.6	
7	Holyhead	26	1015.6	-38	SW	4	bc	41	75	6	5	-	-	10	10	2500	1010.7	-24	SE	4	Cf	38	95	6	6	-	10	10	1500	1	2	43	38	33	-	4	0.0	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.8	-30	S E	4	Sf	33	95	4	6	-	10	10	1500	7	*	39	26	26.7	-	2	0.1		
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	-30	SE	3	rs	33	95	8	5	-	10	10	1500	3	*	37	32	32	-	1	0.1		
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.3	-24	-	-	SS	33	95	4	6	-	10	10	800	8	*	39	27	17	-	1	*		
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.7	-10	S	1	bc	32	85	7	5	-	2.3	2.3	2500	4	*	39	30	23	-	-	0.4		
10	Spurn Head	29	1016.4	-10	W	3	f	37	95	3	5	-	-	10	10	<150	1011.7	-10	SSW	2	Cf	33	95	3	5	7	-	4.6	9	<150	5	1	40	32	*	-	1	3.7
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.3	-18	SSE	2	f	30	95	2	5	-	10	10	<150	0	*	40	30	24	-	1	0.0		
	Tynemouth	100	1013.9	-28	WSW	2	0	35	85	6	5	-	-	10	10	1500	1009.7	-20	WSW	2	C	36	95	6	4	-	7.8	7.8	4000	1	1	40	34	28	-	-	0.1	
11	Inchkeith	190	1012.3	-34	S	2	bc	37	95	7	9	-	-	10	10	1500	1008.5	-2	SW	1	C	38	95	8	5	7	-	7.8	9+	2500	1	1	38	34	29	-	1	1.5
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.4	-14	NE	1	id.	35	95	6	5	-	9+	9+	1500	1	*	41	26	19	Tr	1	1.6		
12	Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.2	-10	-	0	30	95	6	8	-	9+	9+	2500	5	*	30	28	24	-	4	0.0			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.7	-10	-	0	f	33	95	2	5	-	10	10	<150	8	*	39	23	19	-	5	6.0		
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.3	-10	NE N	4	C	41	85	8	8	7	-	7.8	9+	2500	1	3	43	40	37	4	3	0.6	
13b	Stornoway	34	1010.2	-14	WSW	1	pr	39	85	7	8	7	-	7.8	10	1500	1008.3	-8	NNW	2	pr	39	85	7	8	7	-	4.6	7.8	1500	1	1	44	37	*	Tr	5	1.7
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.4	-8	NW	1	C	32	95	8	4	-	10	10	2500	8	*	36	25	16	-	1	3.0		
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.5	-8	-	0	ir	35	95	5	6	-	10	10	1500	1	1	41	33	28	-	1	0.0		
	Wick	81	1010.3	-18	SW	3	bc	35	95	8	5	1	-	4.6	4.6	2500	1008.7	-4	SSW	3	C	42	95	8	5	1	-	4.6	7.8	2500	1	2	40	32	*	-	-	*
16	Lerwick	54	1011.2	-12	SW	1	bc	40	95	8	8	-	-	4.6	4.6	800	1010.5	-2	-	0	C	40	85	8	8	-	7.8	7.8	1500	1	*	44	39	*	Tr	Tr	1.4	
17	Blacksod Point	18	1016.4	-20	W	4	q	42	95	7	4	-	-	4.6	4.6	-	1012.8	-24	N	6	q	42	65	7	8	-	4.6	4.6	1500	0	4	48	39	*	0.5	1	*	
18	Malin Head	52	1012.0	-14	W	2	bc	41	75	7	4	-	-	4.6	4.6	1500	1008.6	-14	N W	4	bc	42	75	7	3	-	2.3	2.3	1500	1	1	45	38	*	4	5	3.2	
	Aldergrove	238	*	*	*	*	*	*	*	*	*	*																										

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 12 th December.														OBSERVATIONS at 18h. G.M.T. 12 th December.														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.									
				Direc.	Force					Low.	Med.	High.			Low.	Total 0-10					Height of Base (feet)	Direc.	Force			Low.	Total 0-10	Height of Base (feet)	7h.-13h. 12 th	13h.-18h. 12 th	18h. to 1h. 13 th	1h.-7h. 13 th			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
(For heights see p. 4.)																																			
1	London (Kew)...	1009.1	-30	E	2	m	36	75	4	5	-	9+	9+	2500	1006.8	-4	NE	3	C	36	85	5	5	-	-	10	10	2500	0	*	cs, cm	cf, cm	cb, cm	C	
	Croydon	1010.1	-22	ENE	2	m	35	75	4	5	-	9+	9+	4000	1007.7	-8	NE	2	bm/f	33	95	4	-	-	-	0	0	-	0	*	cm, fm	cm, f	bmb, cm	bcc	
	S. Farnborough	1008.5	-30	NE	2	cm/s	35	75	4	5	-	9	9	4000	1006.1	-12	ENE	3	bc, f	33	85	3	5	-	-	4.6	4.6	2500	4	*	cf, ss, s	ci, s, cf, f	bef, cm	cm, is	
	Boscombe Down	1008.1	-18	E, N	2	ss	31	95	5	5	-	10	10	450	1005.6	-10	NE	2	m	31	95	4	5	-	-	10	10	450	6	*	co, ss, m	os, s, m	omb, m	bmo	
	Calshot, S. thmtn	1007.8	-30	ENE	2	c/r, s	37	95	6	9	-	9+	9+	1500	1005.0	-16	NE	4	C	35	75	7	5	-	-	10	10	1500	0	3	cm, os, s, m	cm, c	eb, m, c	bmb, cb, c	
	Dungeness	*	*	E	2	C	*	*	7	4	6	*	7.8	9	2500	*	*	NNE	4	bc	*	*	7	5	-	-	4.6	4.6	2500	*	3	o	o	bc	bcb, c
	Lympe	1010.1	-30	ESE	3	C	36	75	7	5	-	9+	9+	1500	1007.0	-22	E, N	4	b	35	65	7	-	-	-	0	0	-	4	*	cm, h, s	cb	bg	bcb, g	
2	Shoeburyness	1009.9	-22	NE	1	cf	36	95	3	5	-	9+	9+	5700	1007.6	-12	E, N	4	C	37	75	8	5	-	-	9+	9+	4000	0	*	cm, cf	cf, p, r, s, c	C	cg	
	Felixstowe	1010.4	-20	-	0	cf	36	95	3	5	-	10	10	2500	1008.8	-6	NE, N	3	cm, r, s	36	85	4	5	-	-	10	10	1500	0	1	cm, x, f, f	or, s, c	C	C	
	Gorleston	1010.4	-14	SSE	1	m	35	95	4	4	-	9+	9+	2500	1009.5	-4	NE	3	C	37	85	7	5	-	-	10	10	1500	0	2	oc, f, f	cm, c	cp, r, g	cp, r, s, s	
	Cranwell	1010.2	-12	-	0	sf	32	95	3	5	-	10	10	800	1010.1	+2	E, S	1	f	30	95	2	5	-	-	10	10	<150	6	*	cf, f, s	os, s, f, f	cp, r, g	cp, r, s, s	
3	Birmingham	1009.5	-14	SE	2	bc	35	75	5	1	-	2.3	2.3	1500	1008.4	-4	ENE	3	C	33	75	5	-	7	-	0	10	-	4	*	cb, cb	cp, s	ci, s	ci, s	
	Upper Keyford	1009.8	-18	SE	1	is	32	85	5	5	-	9+	9+	2500	1007.6	-10	ENE	2	m	32	85	4	5	-	-	10	10	4000	4	*	cm, s	cm, s	cr, s	cr, s	
4	Ross-on-Wye	1008.2	-20	SE	2	3o	34	75	5	-	3	-	0	9+	-	-	-	-	-	-	-	-	-	-	-	9+	9+	800	0	*	cz, bc, cz	cop, s, om	om, op, s	oc, op, s	
5	Portland Bill	1006.4	-28	ESE	4	C	39	75	7	8	-	10	10	1500	1002.9	-16	ENE	5	C	37	75	7	8	-	-	10	10	1500	1	4	C	CP, c	oc	C	
	Plymouth	1005.9	-40	E	3	C	32	75	7	5	-	9+	9+	1500	1002.7	-6	NE	3	C/d	37	85	6	5	-	-	10	10	1500	1	1	cf, x, sh	cm, id, o	cm, ss, b	b, g, c	
	The Lizard	1004.8	-30	E, S	2	ss	34	95	6	5	-	10	10	2500	1001.0	-20	NE, E	2	pr	38	85	7	5	-	-	10	10	2500	3	2	cs, s	ss, r, s, pr	op, s	oc, g	
	Scilly (St. Mary's)	1003.9	-26	N, W	4	C/p, r	41	95	7	9	-	9+	9+	1500	1001.0	-8	E, N	4	pr	39	95	8	9	-	-	10	10	2500	1	3	ph, r, sh	po, r, s	pr, s	bcb, g	
	Guernsey	1006.9	-46	SE	1	C	36	65	6	5	1	-	4.6	9	2500	1002.8	-20	ENE	3	bc	34	75	7	5	-	-	2.3	2.3	2500	0	3	oc	cb, c	bc, b	bcb, g
6	Pembroke	1006.2	-16	S	2	C	37	95	7	4	-	7.8	7.8	4000	1004.5	-8	E	3	3o	34	95	6	5	-	-	10	10	2500	1	2	cp, r, c	cm, c	C	cg, mo	
7	Holyhead	1007.3	-26	S, E	3	r, c	38	95	6	5	-	9+	9+	2500	1007.4	+2	SE, S	2	o, r	36	95	6	5	-	-	10	10	1500	1	0	cp, h, r, m	ci, r, m, o	cm, fo	of, bc, mo	
8	Chester (Sealand)	1008.5	-14	SSE	2	ss	33	95	5	5	1	-	10	10	1500	1008.8	+8	SSE	2	m	28	85	4	5	-	1	2.3	4000	6	*	om, s, s, m	cb, cm	bcb, mo	cp, r, mo	
	L'pool (Bidston)	1008.0	-8	SSE	3	o, s	33	95	5	5	-	10	10	1500	1008.5	+4	E	3	3o	32	85	5	5	-	-	4.6	4.6	1500	8	*	os, m, s, o	m, o, bc	com	o	
	Manchester	1009.2	-12	-	-	cm/s	33	85	4	5	7	2	9+	9+	1500	1008.7	+4	-	-	34	85	3	6	-	-	10	10	1500	8	*	ss, f, cm	cb, m, c, f	eff, m	cm, g	
9	Harrogate	1010.1	-6	-	0	bc, f	31	85	2	5	-	8	2.3	4.6	<150	1010.3	0	-	0	f	30	95	3	5	-	-	10	10	<150	4	*	bb, cf, x	bc, off, x	off	oc, is
10	Spurn Head	1009.9	-6	SE	2	r, f	37	95	3	5	7	-	7.8	9	<150	1009.4	-2	S	2	f	34	95	3	5	-	-	10	10	<150	0	2	fr	fr	fr, p, c	cg
	Catterick	1009.7	-6	SSE	1	f	31	95	3	5	-	10	10	<150	1010.2	+8	WNW	1	f	31	95	2	5	-	-	10	10	<150	4	*	of, x, s, f	of, b, f	fom, r, o	oir, c	
	Tynemouth	1009.6	-2	SW	2	of	35	85	3	5	-	10	10	800	1009.8	+8	SW	2	of	35	95	3	6	-	-	10	10	1500	1	1	co, ff	off	off, r, o	op, g	
11	Inchkeith	1008.3	0	S	1	C	38	85	7	5	-	10	10	1500	1010.9	+24	ESE	1	bc	37	95	8	5	-	-	4.6	4.6	2500	0	1	3o, oc	ci, r	cp, s	cp, s	
12	Leuchars	1009.0	-2	SE	1	C	40	95	7	5	1	-	4.6	10	4000	1011.6	+18	E	1	bc	34	95	6	5	-	-	2.3	2.3	4000	1	*	id, p, r, c	cf, r, b, x	bmb, cpr	cc, PH
	Renfrew (Abbotts)	1007.1	-6	E, N	3	f	35	95	3	5	-	10	10	1500	1009.9	+26	ESE	2	r, f, o	37	95	5	5	-	-	10	10	1500	1	*	bc, f, f, o	of, m, r, o	cm, o	bc, x	
	Eekdalemuir	1008.2	-4	SE	1	ss	33	95	6	6	-	10	10	220	1010.2	+14	-	0	bc	32	85	6	5	-	-	4.6	4.6	1500	8	*	of, s, s, oss	ois, bc	bcc, is	cc, s	
13a	Tiree	1007.2	-6	NE	4	r, f, o	41	95	8	6	2	-	7.8	10	1500	1008.7	+22	E	3	C	40	75	8	5	2	-	9	10	2500	1	3	cr, r	ci, r	cb	b
13b	Stornoway	1008.7	+16	E	2	bc	41	75	8	5	7	-	4.6	4.6	2500	1011.3	+18	ENE	2	C	41	85	8	7	-	4.6	7.8	1500	1	1	cp, r	bcc	bc	x, b, c	
15	Dalwhinnie	1007.8	+2	NW	1	C	32	95	7	4	2	-	9	9	800	1011.6	+20	NE	1	is	32	95	7	4	-	-	10	10	800	8	*	C	o	is	is
	Aberdeen	1009.7	+4	SE, S	3	C	42	75	6	9	7	-	7.8	10	1500	1012.4	+22	W	1	ph, r	38	95	5	9	-	-	10	10	1500	1	2	oir, h, c	ci, r, h	eer, h, bc, g	bcb, g, ci, r, h
	Wick	1010.4	+8	SE	3	C	43	85	8	8	1	8	4.6	7.8	2500	1013.3	+18	SE	4	C	45	85	8	8	6	-	4.6	7.8	1500	1	2	cp, r, c	cp, r, c	ci, r	cp, r, c
16	Lerwick	1013.5	+16	S, E	2	C/r	42	95	8	8	2	-	4.6	7.8	1500	1017.1	+16	SSE	2	C	42	75	8	8	-	-	9	9	1500	1	*	ci, r	ci, r	C	bc
17	Blacksod Point	1010.2	-16	N	5	C	41	75	9	9	-	-	7.8	7.8	1500	1008.6	-4	N	3	bc	40	85	8	9	-	-	4.6	4.6	1500	1	4	PH, g	pr, h, c, g	PR	pr, c, g
18	Malin Head	1007.0	-10	N	3	C/p, r	41	85	7	8	-	-	9	9	800	1006.3	0	NE	2	C	42	75	7	3	-	-	7.8	7.8	800	1	2	bcb, pr	cp, r	cp, r	C
	Aldergrove	1007.7	-14	NW	1	bc	38	85	8	8	-	3	2.3	2.3	2500	1007.5	+6	ENE	2	C	35	95	8	5	-	-	7.8	7.8	1500	1	*	cp, r, bc	bcc	bc	bcb, x
	Donaghadee	1007.1	-10	WNW	1	bc	41	85	7	8	3	-	4.6	4.6	2500	1006.6	+2	SE	4	C	42	75	6	5	-	-	9	9	1500	1	3	pr, bc	bcb, pr, c	ci, d, bc, g	cg
19	Birr Castle	1008.4	-16	N	1	C	38	95	8	5	-	-	7.8	7.8	2500	1006.8	-2	N	1	bc	37	95	8	5	-	-	2.3	2.3	2500	1	*	bcc	cb, c	bcc	bc
	Valentia Obay.	1009.8	-30	NE, N	3	C/p, s	39	95	8	6	2	-	7.8	9	1500	1006.9	-8	NNE	4	bc	39	75	8	3	-	-	2.3	2.3	1500	1	4	cp, r, bc, f, s, c	cp, r, s, bc, c	bcb, pr, bc	bcb
20	Roches Point	1008.3	-16	N	4	bc	41	75	8	3	-	-	4.6	4.6	2500	1006.1	-8	N	4	bc	38	85	8	3	-	-	2								

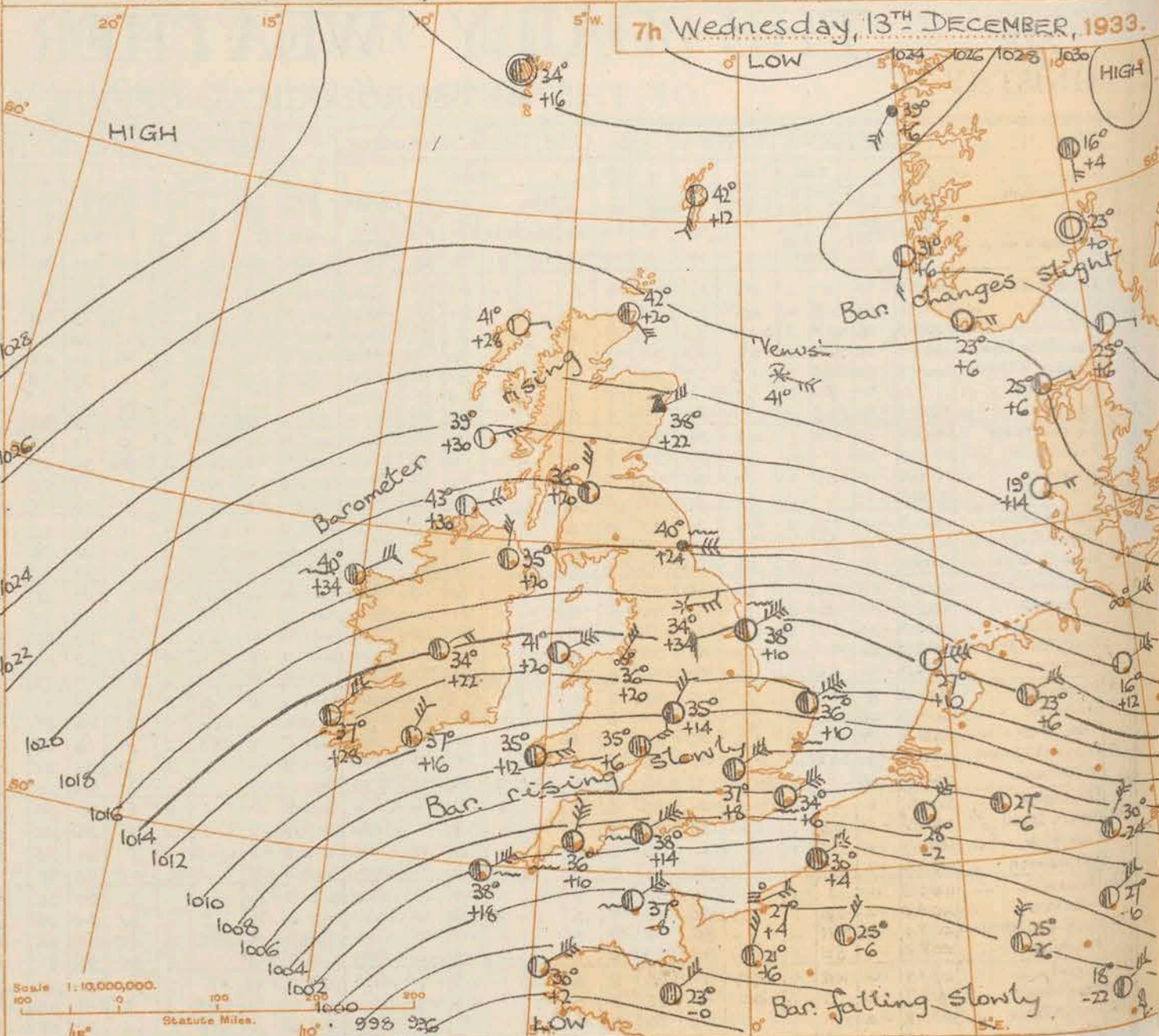
REPORTS from HEALTH RESORTS for 12th December 1933.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th Wednesday, 13th DECEMBER, 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 12h.	Max. 12h. to 5h.	Night 17h. to 9h.	Day 9h. to 17h.	
1	Tunbridge W.	ofo	ocmr	30	35	-	-	0.0
	Bournemouth	os	om	28	37	-	1	0.0
	Ventnor	orsou	copu	33	39	1	Trace	0.3
	Southsea	csoc	c	32	39	-	Trace	0.2
	Bognor Regis	fbcl	c	33	39	Trace	Trace	0.2
	Littlehampton	cbcl	bc	33	39	Trace	-	0.3
	Worthing	c	bcl	34	39	1	-	0.5
	Brighton	cb	cl	34	39	-	-	1.5
	Eastbourne	c	bcl	33	38	-	-	2.2
	Hastings	cl	bc	34	37	-	-	1.7
	Folkestone	omoc	bcb	33	38	-	-	0.6
	Dover	foc	cb	34	40	-	-	0.4
2	Deal	fo	o	32	38	-	-	0.0
	Ramsgate	ofc	fc	32	39	Trace	Trace	0.0
	Margate	cl	c	32	39	-	-	0.0
	Southend	cfo	asgf	33	36	-	-	0.0
	Maldon	mo	rsod	30	38	-	Trace	0.0
	Clacton-on-Sea	cogm	combs	30	37	-	Trace	0.0
	Dovercourt	xfo	ocrs	30	37	-	2	0.0
	Lowestoft	bfbc	pos	30	37	-	Trace	0.0
	Skegness	osom	o	31	38	-	Trace	0.0
	Mablethorpe	fmng	omg	30	36	3	-	0.0
	Cleethorpes	cbcl	rsom	28	36	-	Trace	0.1
	Leamington S.	co	o	30	34	-	-	0.2
3	Cheltenham	bey	ssof	28	35	-	1	1.5
	Bath	cbcl	sc	22	33	-	0.3	0.2
	Weymouth	c	c	27	39	-	-	0.3
	Jersey	c	c	26	32	-	-	0.7
	Torquay	cha	pschp	25	40	-	1	0.0
	Penzance	psrs	ss	30	37	2	10	0.0
	St. Ives	s	s	30	35	Trace	8	0.0
	Bude	xsc	cl	-	34	-	-	0.0
	Ilfracombe	o	o	30	37	-	-	0.0
	Aberystwyth	ogps	psac	30	36	-	Trace	0.0
	Llandudno	lso	rsoc	33	35	1	2	0.0
	Colwyn Bay	lso	rsoc	35	36	5	2	0.0
4	Rhyl	lso	rsoc	34	38	1	3	0.0
	Wallasey	so	o	33	38	2	3	0.0
	Southport	so	oco	33	34	4	3	0.0
	Blackpool	os	sfo	33	34	3	3	0.0
	Morecambe	rsoc	sebc	32	36	3	1	0.1
	Ilkley	psac	cf	29	35	-	Trace	0.1
	Berwick-on-T.	cfo	cl	31	38	2	Trace	0.0
	Dunbar	rlax	bc	33	38	1	-	0.0
	Troon	cmv	cro	29	41	5	Trace	1.0
	Douglas	xcl	lrs	35	40	6	2	0.2

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13 th December, 1933.
1. S.E. England	Fresh or strong east or northeast wind, perhaps a gale locally on coast; mainly cloudy, slight snow showers locally; becoming colder.
2. E. England...	
3. E. Midlands	Fresh east or northeast wind; mainly cloudy, slight snow showers locally; becoming colder.
4. W. Midlands	
5. S.W. England	As 1 - 2.
6. South Wales	As 3 - 4.
7. North Wales	
8. N.W. England	Moderate east or northeast wind, fresh locally at first; cloudy, perhaps bright intervals later; cold.
9. N. Midlands	
10. N.E. England	Fresh or strong east winds, moderating somewhat later; cloudy, showers of rain, sleet or snow; rather cold.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	As 8 - 9.
13. { A.W. Scotl. B.N.W. Scot- land.	Light easterly to variable wind; fine; sharp frost developing locally.
14. Mid-Scotland	Moderate to light easterly to variable wind; cloudy, local wintry showers, especially at first; rather cold, frost locally later.
15. N.E. Scotland	
16. Orkneys and Shetlands	Light variable to westerly wind; mainly fair; moderate temperature.
17. N.W. Ireland	
18. N.E. Ireland	Moderate or fresh northeast wind; cloudy or variable sky; rather cold.
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 1/2 cloudy. ○ Sky 1/2 to 3/4 cloudy. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. * Hail.
 ≡ Fog. ≡ Mist. T Thunder. T Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE: Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A ridge of high pressure extending from south of Iceland to Southwest Russia is moving slowly south. A depression over the Bay of Biscay is moving south, and a deeper depression over the Gulf of Genoa is moving slightly north but will become stationary. East winds will continue except in Northern Scotland, and temperature will fall in most districts.

FURTHER OUTLOOK.

Cold for some days. Temperature about or below freezing point in Southeast and Midlands. Sharp frost locally in Scotland.

Time of issue of Gale Warnings.

North Cone at 0145 on 13th in dist. 1 and at 0810 on 13th in dist. 5.

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.

R, 1933.

1030 HIGH

16° F +4

25° F to light

25° F to light

25° F to light

25° F to light

25° F to light

25° F to light

25° F to light

25° F to light

25° F to light

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25° F to light

25° F to light

25° F to light

25° F to light

Morning of
WEDNESDAY,
13th DECEMBER,
1933.

Calm is indicated by a circle with a dot in the center. If the wind is from the right, the circle is shaded. If the wind is from the left, the circle is unshaded. If the wind is from the front, the circle is half-shaded. If the wind is from the back, the circle is unshaded. If the wind is from the top, the circle is unshaded. If the wind is from the bottom, the circle is unshaded. If the wind is from the left, the circle is unshaded. If the wind is from the right, the circle is shaded. If the wind is from the front, the circle is half-shaded. If the wind is from the back, the circle is unshaded. If the wind is from the top, the circle is unshaded. If the wind is from the bottom, the circle is unshaded.

South by south, south, is by. stricts.

below arp

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O.Sc., F.R.S., Director.

EXPLANATION OF CHART.

BAROMETRIC. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with the wind. Number of feathers indicate Beaufort Force.
TEMPERATURE. is given in degrees F.
WEATHER. is given in Beaufort Notation (see page 1) and by symbols (see opposite page).

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AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 13th December 1933.

No. 26312

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 13 th December														OBSERVATIONS at 7 hr. G.M.T. 13 th December														PAST 24 HOURS.															
		Height above M.S.L. in feet.	Barom. at m.b.	Change in 3 hours.	Wind.		Weather.	Temp. of.	% Humid.	Visibility.	Cloud.				Height of Base (feet).	Barom. at m.b.	Change in 3 hours.	Wind.		Weather.	Temp. of.	% Humid.	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUM- MER (2 nd Br.)										
					Direc.	Force.					Low.	Med.	High.	Low.				Med.	High.					Low.	Med.	High.	Low.			Med.	High.	Max. Day 7h-18h of.	Min. Night 18h-7h of.	Min. on Grass of.		Day 7h-18h mm.	Night 18h-7h mm.								
																																						Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)										
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1006.9	+10	NE	5	C	38	65	7	8	-	-	9+	9+	1500	0	*	37	35	31	Tr.	-	0.0										
	Croydon	217	1006.3	-10	E'N	5	bc	36	65	7	-	3	-	0	4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0										
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	1006.3	+10	ENE	5	is	37	75	6	8	1	-	9	10	2500	4	*	35	31	27	Tr.	Tr.	0.0										
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1005.6	+16	NE	4	C	34	75	7	5	-	8	9	9+	2500	6	*	33	30	28	Tr.	-	0.0										
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	1004.7	+16	NE	6	bc	37	65	8	5	-	4	2-3	4-6	2500	1	3	37	32	27	1	Tr.	0.0										
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	1004.7	+16	NE	6	bc	37	65	8	5	-	4	2-3	4-6	2500	1	3	37	32	27	1	Tr.	0.0										
	Lympe	346	1005.1	-12	E'N	5	q	35	65	7	5	-	-	Tr.	Tr.	1500	1005.9	+6	ENE	6	q	34	75	7	5	-	6	2-3	4-6	1500	4	*	36	33	28	Tr.	-	1.0							
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1007.6	+10	ENE	6	C	37	75	7	5	-	-	7-8	7-8	800	0	*	37	35	33	Tr.	-	0.0										
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1009.3	+18	NE'E	5	C	36	75	8	8	2	-	7-8	9	2500	0	4	37	35	35	0.5	-	0.0										
	Gorleston	5	1009.6	+2	E'N	6	C/ph	39	95	6	9	-	-	9+	9+	1500	1011.7	+10	ENE	7	C	36	85	6	8	-	9+	9+	1500	0	5	38	35	33	-	0.1	0.0								
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1013.2	+22	NE'E	4	O/S	34	75	7	5	-	-	10	10	1500	6	*	33	29	27	0.3	3	0.0										
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1011.0	+14	NE	4	C	35	85	6	5	-	-	9+	9+	800	1	*	35	31	29	-	0.6	1.5										
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1009.3	+16	ENE	4	rs	34	95	6	6	-	-	10	10	800	1	*	33	31	30	Tr.	Tr.	0.0										
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1009.1	+6	ENE	4	O/S	35	85	6	6	-	-	10	10	1500	0	*	35	31	28	Tr.	Tr.	1.0										
5	Portland Bill	32	1001.2	-4	ENE	6	C	36	85	6	5	-	-	7-8	7-8	2500	1002.7	+14	E'N	7	C	38	75	7	8	-	-	10	10	1500	1	5	40	35	*	0.2	-	*							
	Plymouth	82	999.7	-4	NE	5	O	39	85	7	5	-	-	10	10	2500	1002.8	+10	NE	6	q	36	65	8	5	-	-	9+	9+	1500	1	3	37	34	32	Tr.	0.4	0.6							
	The Lizard	240	999.7	-4	NE	5	O	39	85	7	5	-	-	10	10	2500	1001.7	+8	NNE	7	q	38	75	7	8	-	-	10	10	2500	1	4	38	35	*	12	1	*							
	Scilly (St. Mary's)	163	1000.7	+4	ENE	6	bc	37	75	7	3	-	-	4-6	4-6	1500	1002.6	+18	ENE	7	q	38	65	7	8	-	-	7-8	7-8	2500	1	4	43	36	*	8	1	0.1							
	Guernsey	175	999.9	-20	ENE	5	bc	34	65	7	8	-	-	4-6	4-6	2500	999.6	-8	ENE	6	q	37	75	7	5	-	-	10	10	2500	0	4	37	33	29	-	-	0.1							
6	Pembroke	142	1005.9	+4	ESE	3	C	34	85	6	5	-	-	10	10	4000	1008.3	+12	E	4	q	35	85	6	5	-	-	9+	9+	2500	0	2	39	33	*	2	-	0.0							
	Holyhead	26	1011.1	+20	E	5	f	37	85	3	5	-	-	10	10	<150	1013.8	+20	ENE	6	bc	41	85	6	5	-	-	4-6	4-6	1500	1	2	39	35	33	3	-	0.0							
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1013.9	+20	NE	3	3	36	85	5	5	-	-	9	9	1500	3	*	33	27	22	1	Tr.	0.1	0.0									
	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	1014.2	+16	NE'N	4	O	36	85	6	5	-	-	10	10	1500	8	*	33	31	27	2	-	-	0.0									
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1014.0	+16	-	-	C	37	75	6	5	1	-	4-6	9+	1500	6	*	35	32	29	2	-	-	*									
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	1016.4	+34	E	4	is	34	85	7	6	7	-	7-8	9+	2500	8	*	32	28	23	-	1	0.0										
	Spurn Head	29	1010.3	0	E	6	C	40	85	7	5	2	-	4-6	7-8	2500	1013.8	+10	E'N	7	q	38	85	8	5	2	-	4-6	9	4000	0	5	38	32	*	0.1	1	0.3							
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1017.4	+24	ENE	2	C	36	75	8	5	-	-	10	10	4000	1	*	31	31	30	Tr.	0.4	0.0										
	Tynemouth	100	1013.4	+28	ESE	3	O	40	85	7	6	-	-	10	10	1500	1018.5	+24	ESE	6	pr	40	65	8	6	-	-	10	10	1500	1	4	36	35	31	-	4	0.0							
11	Inchkeith	190	1015.6	+18	ENE	2	bc	39	95	8	8	-	-	4-6	4-6	2500	1021.0	+20	ENE	4	C	41	65	8	9	-	-	10	10	2500	1	2	38	34	28	0.2	1	0.0							
	Leuchars	35	1015.6	+18	ENE	2	bc	39	95	8	8	-	-	4-6	4-6	2500	1022.0	+24	NE	3	C/ph	39	75	8	8	-	-	7-8	7-8	2500	6	*	40	31	22	0.3	2	0.0							
	Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	*	1021.3	+20	NE'E	3	C	36	85	7	5	-	-	9	9	4000	5	*	37	32	28	0.2	Tr.	0.0										
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1019.0	+18	NE'N	4	C	34	75	6	5	-	-	10	10	450	8	*	33	29	24	0.4	0.6	0.0										
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1021.6	+30	E'N	3	b	39	85	9	7	-	-	Tr	Tr	4000	0	2	42	37	34	4	-	-	0.0									
13b	Stornoway	34	1019.0	+32	E	3	bc	42	75	7	8	-	-	2-3	2-3	2500	1025.1	+28	E	1	b	41	75	8	8	-	-	1	1	2															

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, 14th December 1933.
No. 26320

STATIONS.	OBSERVATIONS at 13h. G.M.T. 13 th December														OBSERVATIONS at 18h. G.M.T. 13 th December														PAST 24 HOURS.									
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Height of Base (feet).	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Height of Base (feet).	State of Ground.	Sea.	WEATHER.											
			Dir.	Force.					Low.	Med.	High.				Low.	Total.					Low.	Med.	High.				Low.	Total.	7h.-13h. 13 th	13h.-18h. 13 th	18h. 13 th to 1h. 14 th	1h.-7h. 14 th						
																																	Form.	Amount.	Form.	Amount.	Form.	Amount.
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)				
1 London (Kew)...	1009.3	+2	NE	6	C	36	65	6	2	-	7	7.8	10	2500	1012.7	+20	NE	6	q	31	55	7	-	-	-	0	0	-	0	*	cis.c	cq bq	bq	b				
Croydon ...	1009.0	+6	ENE	6	3	34	65	6	5	-	9	9	1500	1011.8	+14	NE	6	q	30	65	6	-	-	-	0	0	-	0	4	*	cs.30	cbe3.g	b3.gb	b				
S. Farnborough ...	1008.7	+4	ENE	5	C	35	65	6	5	-	7	9	9	2500	1012.0	+20	ENE	5	b	29	55	6	-	-	-	0	0	-	0	4	*	cs.cq	c, bq	by	by			
Boscombe Down ...	1008.5	+8	ENE	5	C	34	65	7	5	-	8	9	10	1500	1011.3	+26	NE	6	b	29	45	8	-	7	-	0	1	-	6	*	c	cbe	by	by				
Calshot, S'thmtn ...	1006.9	+6	NE	7	q	36	65	7	5	-	10	10	1500	1009.2	+22	NE	7	q	33	55	7	5	7	-	1	4.6	1500	0	3	*	beg.cq	cq.43.bq	beg.bq	bqx				
Dungeness ...	*	*	NE	7	q	*	*	8	-	-	9	9	1500	*	*	NE	7	q	*	*	6	4	-	*	4.6	4.6	1500	*	5	*	o	bc	bc	bc				
Lympe ...	1007.7	-2	NE	7	q	32	65	7	5	3	-	7.8	9	1500	1010.5	+20	NE	7	q	29	65	7	4	-	-	1	1	1500	4	*	beg.cq	cq bc	bq	bq				
2 Shoeburyness ...	1010.1	+4	NE	7	q	35	65	7	5	-	1	4.6	7.8	1500	1013.0	+20	ENE	7	q	32	75	8	-	-	-	0	0	-	0	*	cq.bq	bq bq	bq	bq				
Felixstowe ...	1011.8	+8	NE	8	q	35	55	8	1	-	6	2.3	7.8	2500	1014.1	+16	NE	8	q	33	45	8	-	-	-	0	0	-	0	5	*	cq	cq.43.bq	by	by			
Gorleston ...	1015.9	+20	NE	8	bc	35	65	6	-	7	-	0	2.3	-	1016.8	+10	ENE	8	b	34	85	7	-	-	-	0	0	-	0	5	*	cbeq	bcbq	bq	bq			
Cranwell ...	1017.4	+16	NE	5	bc	36	45	8	5	-	1	2.3	2.3	5700	1019.7	+12	NE	4	b	31	65	7	-	-	-	0	0	-	0	5	*	cbeq	bey by	bq	bx			
3 Birmingham ...	1013.8	+10	ENE	7	C	34	65	6	7	-	2.3	7.8	1500	1018.0	+14	NE	5	b	31	55	6	-	-	-	0	0	-	0	4	*	cbe	bcb	b	b				
Upper Heyford ...	1012.2	+10	ENE	6	C	34	55	8	-	1	8	0	7.8	-	1015.7	+22	NNE	7	q	28	55	8	-	4	5	0	1	-	4	*	cs.qy	cbq	bq	bq				
Ross-on-Wye ...	1012.0	+10	ENE	6	q	34	55	8	1	-	2	2.3	7.8	4000	1015.8	+26	ENE	5	q	31	45	7	1	-	-	Tr	Tr	4000	0	*	cq	cq	bq	bq				
4 Portland Bill ...	1005.6	+16	ENE	7	C	37	75	7	5	-	-	10	10	1500	1007.8	+20	ENE	7	bc	34	65	7	4	-	-	4.6	4.6	2500	0	5	*	C	cbe	b	b			
Plymouth ...	1006.0	+10	NE	7	is.	37	65	7	5	7	-	9	9	800	1009.1	+20	NE	8	q	33	45	7	5	2	-	2.3	4.6	2500	1	4	*	cq.43.g	cq.43.bq	bq.43	bq.43			
The Lizard ...	1004.8	+8	NE	7	q	39	75	7	8	-	-	10	10	1500	1008.1	+10	NE	7	q	35	65	7	8	-	-	7.8	7.8	2500	0	4	*	cq	cq	cbq	bqx			
Scilly (St. Mary's) ...	1004.7	+10	ENE	7	q	40	65	6	2	-	-	9	9	1500	1007.8	+20	ENE	7	q	37	85	6	8	-	-	4.6	4.6	1500	1	4	*	bccq	cq.43	bcbq	bq			
Guernsey ...	1001.9	+8	NE	7	q	40	65	6	8	-	-	9	9	2500	1004.2	+16	NNE	9	0	39	65	7	5	-	-	10	10	2500	0	5	*	oq	co	oq	oq			
5 Pembroke ...	1013.5	+18	E	4	q	37	65	6	5	-	-	9	9	2500	1014.5	+22	ENE	4	q	33	65	7	8	-	-	2.3	2.3	1500	0	3	*	cq.m	cq.43.bq	bq	bq			
Holyhead ...	1017.7	+12	E	7	q	39	55	7	2	5	-	4.6	7.8	2500	1020.6	+20	E	7	q	38	65	6	5	-	-	7.8	7.8	4000	1	3	*	cphq.3	cq.43	bq.43	bq.43			
Chester (Sealand) ...	1018.3	+16	E	5	C	37	55	7	4	-	9	4.6	7.8	4000	1021.1	+12	E	3	b	34	65	7	5	-	-	1	1	4000	6	*	is.bq	cq.43	bq.43	bq.43				
L'pool (Bidston) ...	1018.1	+16	NE	6	q	37	65	6	5	-	-	4.6	4.6	1500	1021.1	+8	NE	6	q	35	95	7	5	-	-	2.3	2.3	1500	8	*	oq.bq	cq.bq	q.bq	bccv				
Manchester ...	1018.3	+18	-	-	q	37	55	6	8	-	1	9	9	2500	1020.6	+12	-	-	q	36	55	5	5	-	-	2.3	2.3	4000	6	*	cbccyq	cbeq	bq.43	cq				
6 Harrogate ...	1021.3	+10	E	4	C	36	95	8	6	7	-	7.8	10	2500	1022.4	+6	E	3	C	34	95	5	5	-	-	10	10	2500	4	*	cbe	C	C	C				
Spurn Head ...	1017.7	+10	E	3	q	38	65	7	5	7	-	4.6	7.8	4000	1019.6	+8	E	8	q	36	75	8	5	7	-	4.6	7.8	4000	0	5	*	cq	cq	q	cbcc			
Catterick ...	1022.2	+18	ENE	4	C	37	55	8	5	-	-	10	10	4000	1023.8	+8	ENE	3	C	36	65	8	5	-	-	10	10	4000	1	4	*	cs.cq	C	C	cbcc			
Tynemouth ...	1022.7	+18	E	6	q	41	45	8	6	-	-	10	10	1500	1023.9	+4	E	6	q	40	65	8	6	-	-	10	10	1500	1	4	*	oprhq	oprhq	oprhq	o			
7 Incheith ...	1024.9	+8	ENE	4	C	40	55	8	8	-	-	10	10	2500	1026.5	+16	E	3	rr	37	85	8	6	-	-	10	10	1500	1	3	*	C	cprr	cir	cbcc			
Leuchars ...	1025.7	+12	E	3	ir.	41	55	8	5	-	-	9	9	4000	1027.0	+16	NE	2	C	36	85	8	7	-	-	7.8	7.8	4000	1	*	prir	cybe	bcc	cbcc				
Renfrew (Abbotts) ...	1025.2	+16	NE	3	C	38	85	7	5	-	-	10	10	4000	1026.9	+16	NE	3	C	37	85	6	5	-	-	10	10	4000	1	*	cp	cmm	cm	cbcc				
Edinburgh ...	1024.4	+18	NE	4	C	35	75	7	5	-	-	10	10	1500	1025.7	+10	NE	4	ps	34	75	8	5	-	-	9	9	4000	8	*	cp	C	bcc	cb				
8 Tise ...	1026.0	+6	E	3	b	41	75	9	7	5	-	Tr	Tr	4000	1028.1	+14	E	2	b	36	85	9	7	4	-	Tr	Tr	4000	0	2	*	b	bw	bwx	b			
9 Stornoway ...	1027.7	+4	SE	2	b	43	65	8	1	-	-	1	1	4000	1028.9	+6	NNW	2	b	33	85	8	1	-	-	1	1	4000	1	1	*	b	bcb	bbe	b			
10 Dalwhinnie ...	-	+2	NE	1	bc	34	85	8	4	-	-	4.6	4.6	2500	-	+10	ESE	1	bc	30	95	8	4	-	-	4.6	4.6	1500	8	*	bc	bc	*	bc				
Aberdeen ...	1027.0	+2	E	3	C	40	75	6	8	-	-	7.8	7.8	1500	1028.2	+10	NNW	2	ph(r)	36	95	6	9	-	-	9	9	1500	1	3	*	cprr	cprr	cprr	cm			
Wick ...	1027.6	-4	SE	3	C	42	85	8	4	8	4	4.6	7.8	1500	1028.0	0	WNW	2	bc	33	95	8	8	1	-	4.6	4.6	1500	1	3	*	C	cbe	bcc	cm			
11 Lerwick ...	1027.3	+2	SW	4	C	40	75	9	5	3	-	4.6	9	1500	1024.9	-12	W	4	bc	42	75	8	5	1	-	2.3	4.6	1500	0	*	bcc	cbe	bcc	cm				
12 Blackod Point ...	1022.4	+20	NE	4	bc	42	75	8	1																													

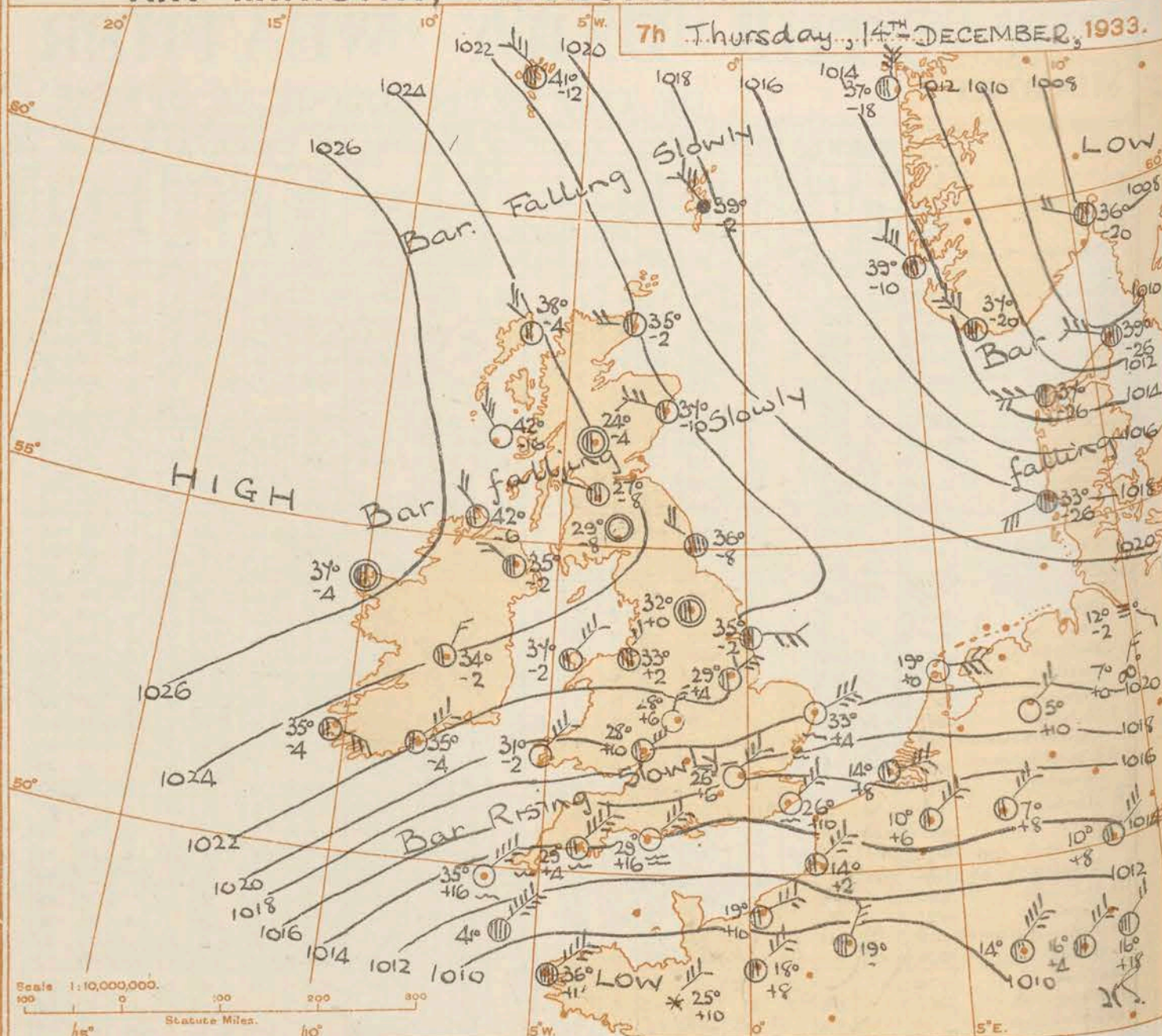
REPORTS from HEALTH RESORTS for 13th December 1933.

DEFINITIONS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 12h.	Max. 12h. to 17h.	Night. 17h. to 9h.	Day. 9h. to 17h.	
1	Tunbridge W.	o	o c o c	30	35	-	-	0.1
	Bournemouth	bo	o	29	38	-	-	1.5
	Ventnor	o u	o u	35	36	-	-	0.0
	Southsea	bcc	cb	32	37	-	-	0.0
	Bognor Regis	co	o	31	36	-	-	0.0
	Littlehampton	c	cb c	31	36	-	-	0.0
	Worthing	c	c	32	36	-	-	0.0
	Brighton	o	o	32	36	-	-	0.0
	Eastbourne†	o	o	35	38	-	-	0.0
	Hastings†	c o c	c q o	35	37	-	-	0.0
	Folkestone	x o c	c	33	35	-	-	0.0
	Dover	c	c b c	34	35	-	-	0.0
	Deal	o q	q	33	37	-	-	0.0
	Ramsgate	q	q	32	36	-	-	0.0
	Margate	c	c	35	36	-	-	1.1
2	Southend	o c	c b c	34	35	-	-	0.0
	Maldon	c	c b	34	35	-	-	2.0
	Clacton-on-Sea	c b c q	b c q	33	36	-	-	2.1
	Dovercourt	b c	b c	32	36	-	-	3.4
	Lowestoft	b c b	b	31	35	1	-	4.6
	Skegness	b	b c b	32	37	1	-	4.1
	Mablethorpe	c b c q	b c q	31	38	-	-	2.8
	Cleethorpes	b c	c	30	38	-	-	1.5
3	Leamington S.	o s c	b c	31	35	trace	-	0.4
4	Cheltenham†	c i s c	c b c q b	32	34	trace	trace	0.5
5	Bath	c	c b c b	25	36	trace	-	0.9
	Weymouth	c b c c	c	22	33	-	-	1.1
	Jersey	c	c	25	37	-	-	0.0
	Torquay	b c q	c q b c q	27	39	0.1	-	0.0
	Penzance	c	c	32	38	1	-	0.0
	St. Ives	o	o	32	37	-	-	0.0
	Bude	x c	c	28	38	-	-	0.1
	Ilfracombe	o c	c o	31	40	-	-	0.2
6	Aberystwyth	p r s c	b c c	33	36	0.3	-	0.6
7	Llandudno	c	c	32	38	0.1	-	0.4
	Colwyn Bay	o b c	b a b c c	28	37	trace	-	0.0
	Rhyl	x o m c	c	30	38	0.4	-	0.7
8	Wallasey	o c	c	33	37	-	-	0.0
	Southport†	c o c	c b c b	32	37	0.2	-	0.3
	Blackpool	c	c	32	37	-	-	0.2
	Morecambe	p s x b c	c b b c c	32	38	trace	-	2.0
9	Hikley	b o s c	c	30	37	1	trace	1.2
10	Berwick-on-T.	o p h	o c	34	42	1	trace	0.0
11	Dunbar	c b s x	c p h	32	42	2	0.5	0.0
12	Tron	c b s x	c m	33	40	-	-	0.1
	Douglas	x c b q	c b q	36	40	trace	-	2.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th Thursday, 14th DECEMBER, 1933.



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. \ominus TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: \bigcirc Clear sky. \bigcirc Sky less than $\frac{1}{2}$ clouded. \bigcirc Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. \bigcirc Sky $\frac{3}{4}$ to $\frac{5}{8}$ clouded. \bigcirc Overcast sky. \bullet Rain falling. \star Snow. \star Sleet. \triangle Hail.
 \equiv Fog. \equiv Mist. \equiv Thunder. \equiv Thunderstorm. \equiv Slight haze.
SEA DISTURBANCE. \sim Rough. \sim High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone off Northwest Ireland with a ridge extending to Germany, is moving slightly south and decreasing in intensity. Pressure is low over South France and North Russia, and a secondary disturbance over Scandinavia is moving southeast. Weather will be fair almost everywhere. Severe frost will occur tonight in the South, but subsequently the cold will become less intense.

FURTHER OUTLOOK.

More cloud. Cold less severe in the South.

4 North Cone at 0145 on 13th in district 1 and at 0810 on 13th in district 5.

Forecast issued at 1010 G.M.T.

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

DISTRICTS.

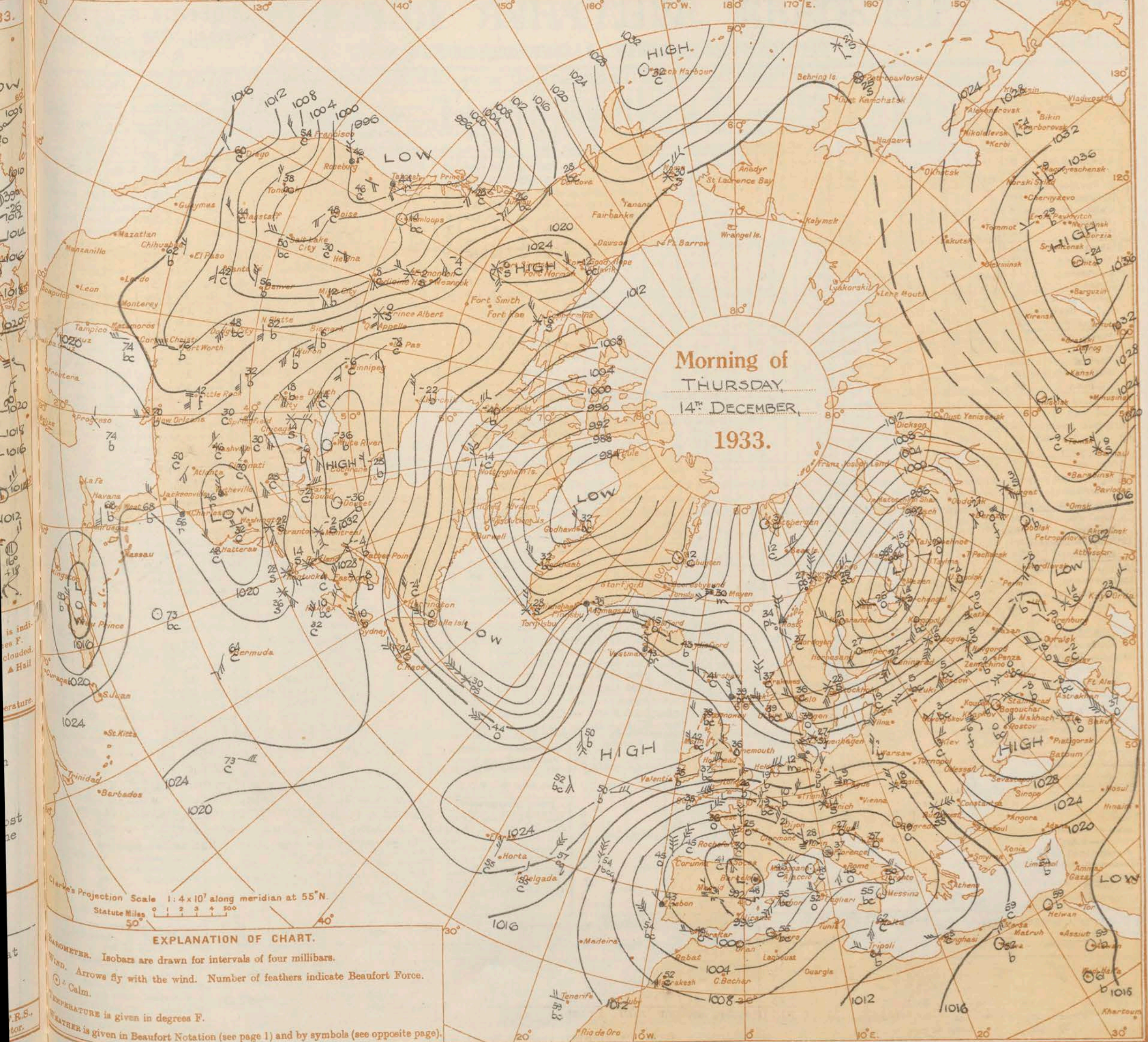
FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th Dec. 1933.

1. S.E. England	Fresh or strong northeast wind, moderating; fine; more cloud tomorrow; very cold, severe frost at night.
2. E. England...	Wind northeast, fresh locally, falling light; fair, cloud increasing; cold, sharp frost locally at night.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	As 1.
6. South Wales	
7. North Wales	As 2 - 4.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light north or northwest wind; fair; local mist or fog later; rather cold, frost at most places tonight.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotl. B. N. W. Scot- land.	
14. Mid-Scotland	
15. N.E. Scotland	Light or moderate northwest wind; cloudy, local showers; somewhat milder.
16. Orkneys and Shetlands.	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Light northeast to variable wind; fair; rather cold, frost locally at night.
20. S.W. Ireland	

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PS 732/2670. Wt. 77. D. 6601. Gp. 208. 28520. 12/33.

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 14th December 1933.

No. 26320

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 14 th December														OBSERVATIONS at 7 hr. G.M.T. 14 th December														PAST 24 HOURS.							
		Height above M.S.L. in feet.	Barom. at station M.S.L.	Change in 3 hours.	Wind. Direc.	Force.	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at station M.S.L.	Change in 3 hours.	Wind. Direc.	Force.	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 13 th to 14 th Hrs.	
											Form.			Amount.										Height of Base (feet)	Form.			Amount.			Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)	Night 12h-7h mm. (35)		
											Low.	Med.	High.	Low.	Total 0-10										Low.	Med.	High.	Low.									Total 0-10
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1017.0	+8	NE	5	5	28	55	7	5	-	-	Tr	Tr	2500	4	*	38	27	23	Tr	-	0.0	
	Croydon	217	1015.4	+6	NE	5	5	28	65	7	-	-	-	0	0	-	1016.2	+6	NE	4	5	26	65	7	-	-	0	0	-	4	*	37	26	23	-	-	0.0
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	1016.4	+8	NE	3	5	26	65	7	-	-	1	0	Tr	-	4	*	37	26	21	Tr	-	0.0	
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1016.6	+14	NNE	3	5	23	55	8	-	-	1	0	Tr	-	4	*	35	22	19	-	-	0.0	
	Calshot (S'hamtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	1014.5	+8	NNE	5	5	29	65	8	-	-	0	0	-	4	*	38	27	23	-	-	0.0		
	Dunegness	20	*	*	*	*	*	*	*	*	*	*	*	*	1014.5	+8	NE	6	5	29	65	8	-	-	0	0	-	4	*	35	29	-	-	-	0.0		
	Lympe	346	1013.4	+6	NE	7	4	28	65	9	4	-	-	Tr	Tr	1500	1014.9	+10	NE	5	5	26	75	8	4	-	Tr	Tr	1500	4	*	34	26	23	-	-	0.1
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1016.8	+8	NE	6	5	30	55	7	-	-	0	0	-	4	*	37	28	23	-	-	0.6		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	1017.9	+8	NE	6	5	31	55	8	1	-	-	Tr	Tr	2500	0	S	37	31	29	-	-	1.9	
	Gorleston	5	1019.9	+8	NE	7	5	32	75	7	-	-	-	0	0	-	1019.7	+4	ENE	6	5	33	55	7	-	-	0	0	-	0	4	36	32	31	-	-	1.1
	Oranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	1022.0	+4	NE	3	5	29	65	6	5	-	-	4.6	4.6	5700	4	*	36	26	20	-	-	4.2	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1021.3	+6	NNE	3	5	28	65	6	-	-	0	0	-	4	*	35	27	22	-	-	0.7		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1019.5	+10	NE	5	5	26	55	9	-	4	-	0	Tr	-	4	*	35	26	20	Tr	Tr	0.5	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1020.2	+10	ENE	3	5	28	65	7	4	-	-	Tr	Tr	4000	4	*	36	27	22	-	-	0.5	
5	Portland Bill	32	1011.3	+6	ENE	7	5	31	75	7	-	-	-	0	0	-	1013.0	+16	ENE	6	5	29	85	7	4	-	2.3	2.3	2500	0	S	39	28	-	-	0.3	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	1013.5	+4	NE	7	5	29	45	8	-	-	1	0	2.3	-	1	4	39	28	27	Tr	-	0.3	
	The Lizard	240	1011.0	+2	NE	7	5	32	65	8	-	-	-	0	0	-	1013.0	+12	NE	7	5	32	65	8	4	-	1	1	4000	4	4	40	31	-	-	0.6	
	Scilly (St. Mary's)	163	1012.3	+8	ENE	7	5	33	85	8	-	-	-	0	0	-	1013.0	+16	ENE	7	5	35	85	8	4	-	1	1	2500	0	4	40	33	-	-	0.6	
	Guernsey	175	1008.0	+14	NE	8	5	36	65	6	5	-	-	0	10	2500	1009.2	+10	NE	8	5	36	75	7	5	-	9+	9+	2500	0	4	40	33	-	-	0.0	
6	Pembroke	142	1020.5	+6	ENE	4	5	31	85	7	-	-	-	0	0	-	1019.3	-2	NE	4	5	31	75	9	-	4	0	2.3	-	4	38	29	-	-	0.0		
7	Holyhead	26	1023.3	+8	ENE	6	5	37	65	6	5	-	-	4.6	4.6	4000	1022.8	-2	NE	4	5	37	65	8	5	-	2.3	2.3	4000	1	2	41	36	33	Tr	-	0.5
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	1023.4	+2	NNE	2	5	33	65	7	5	-	-	7.8	7.8	4000	6	*	37	30	19	Tr	-	1.3	
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	1023.8	0	N	3	5	31	85	9	5	-	-	7.8	7.8	2500	8	*	37	31	29	-	-	0.4	
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	1022.8	+2	ENE	2	5	34	75	6	-	7	-	0	9+	-	6	*	38	33	29	-	-	0.6	
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	1022.9	0	-	0	32	85	7	5	-	-	9	9	4000	4	*	36	32	27	-	-	0.6		
10	Spurn Head	29	1022.3	+4	ENE	6	5	36	75	8	5	2	-	4.6	7.8	4000	1021.3	-2	E	4	35	75	8	-	2	0	9	-	0	3	38	33	-	-	2.3		
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	-2	NW	2	32	85	7	8	-	6	4.6	9	4000	0	*	37	32	24	Tr	-	0.2		
	Tynemouth	100	1025.2	-4	NE	5	5	38	55	8	6	-	-	10	10	1500	1023.0	-8	NW	2	36	75	7	6	-	10	10	1500	1	3	42	35	33	0.2	Tr	0.0	
11	Inchkeith	190	1027.0	-2	NNW	1	5	37	85	8	9	-	-	10	10	2500	1024.7	-10	W	1	34	85	8	5	-	4.6	4.6	2500	0	1	41	34	26	0.2	0.1	0.0	
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	-8	WSW	3	34	75	8	5	-	-	9	9	4000	4	*	42	30	23	-	-	0.0		
12	Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	*	*	1025.0	-8	NNW	1	27	55	8	-	7	8	0	9	-	4	*	39	25	19	0.3	-	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1024.4	-8	-	0	29	85	8	5	-	-	1	1	1500	8	*	36	29	21	Tr	-	0.0		
13	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1025.5	-16	NW	3	42	65	9	1	7	8	Tr	2.3	4000	4	1	42	29	16	-	-	6.4		
13	Stornoway	34	1027.2	-14	W	2	5	36	85	4	9	6	-	2.3	4.6	2500	1025.0	-4	NW	2	38	85	8	4	3	-	2.3	4.6	2500	1	1	43	32	-	-	5.5	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	-4	0	0	24	95	8	4	-	-	4.6	4.6	2500	8	*	35	13	12	-	-	1.6		
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	1022.0	-2	W	2	37	75	7	5	-	-	4.6	4.6	2500	1	2	41	33	28	3	Tr	0.2		
	Wick	81	1025.0	-20	WSW	2	5	37	9																												

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 15th December 1933.

No. 26,321

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 14th December.														OBSERVATIONS at 18h. G.M.T. 14th December.														PAST 24 HOURS.						
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.										
				Dir.	Force.					Low.	Med.	High.			Low. 0-10	Total 0-10					Height of Base (feet)	Dir.	Force.			Low.	Med.	High.	Low. 0-10	Total 0-10	Height of Base (feet)	7h.-13h. 14h.	13h.-18h. 14h.	18h. 14h. to 15h.	1h.-7h. 15h.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)			
(For heights see p. 4.)																																				
1	London (Kew)...	1017.1	-10	NE E	5	b	32	45	6	-	-	-	0	0	-	1015.7	-10	N E	3	b	28	55	6	-	-	-	0	0	-	4	*	b3.	b3-y	b3.c	c.b.c.m.	
	Croydon	1016.6	-10	ENE	5	30	32	45	6	-	-	-	0	0	-	1015.7	-8	N E	3	m	28	55	4	-	-	-	0	0	-	4	*	b33.	b3-y	b3.c.m	c.m.d.d	
	S. Farnborough	1016.6	-14	NE E	4	b	31	55	6	-	-	-	0	0	-	1015.8	-8	NNE	2	b	25	55	6	-	-	-	0	0	-	4	*	byb30	by30	b3.c.b	c.m.d.	
	Boscombe Down	1016.8	-12	NE	5	b	31	35	8	-	-	-	0	0	-	1015.9	-4	N E	3	b	23	75	7	-	-	-	0	0	-	4	*	by	byb	b3.c	b.c.c.	
	Calshot, S'thmtn	1015.5	-6	NNE	5	b	33	55	6	-	-	-	0	0	-	1014.8	-6	N E	4	b	29	45	8	-	-	-	0	0	-	4	*	bq.x30y	b3-y.bay	byx	b.c.c.d.	
	Dungeness	*	*	NE	6	q	*	*	7	4	-	-	2.3	2.3	2500	*	*	NE	5	q	*	*	7	-	-	-	0	0	-	4	*	bq	bq	b3.c.m	c.m.b	
	Lympne	1015.3	-4	NE	6	b	31	45	9	-	-	-	0	0	-	1013.9	-12	NE N	4	b	27	55	9	-	-	-	0	0	-	4	*	bq.vy	bq.vy	b3.c.m	c.m.b	
2	Shoeburyness	1017.1	-8	NE	5	b	33	65	8	1	-	-	Tr.	Tr.	1500	1015.1	-16	NNE	2	b	23	85	7	-	-	-	0	0	-	4	*	bq	bq	b	b.c	
	Felixstowe	1018.0	-10	NE	5	b	33	45	8	5	-	-	Tr.	Tr.	2500	1015.3	-16	NNW	2	b	26	75	7	-	-	-	0	0	-	0	0	byq	byb	c.c.c	c.b.c	
	Gorleston	1018.8	-14	E N	4	bc	33	85	7	4	-	-	4.6	4.6	2500	1015.8	-16	W	2	o	31	85	6	5	-	-	10	10	1500	0	2	b.b.cq	b.c.m.c	c.p.r.s.v	b.c.p.r.	
	Cranwell	1019.9	-14	N E	1	c	37	65	8	5	3	-	7.8	7.8	4000	1016.5	-22	W N	3	bc	33	85	6	5	-	-	2.3	2.3	2500	4	*	b.c.c	b.c.c	b.m.c.r.s.x	c.r.s.x	
3	Birmingham	1019.7	-10	NE	3	m	34	65	4	5	-	2	2.3	2.3	2500	1017.4	-12	NW	2	c	34	65	5	5	-	-	10	10	2500	4	*	b.b.c	b.c	b	b.p	
	Upper Heyford	1018.5	-18	NE E	4	bc	32	55	8	5	-	-	2.3	2.3	4000	1016.7	-14	NNE	2	c	29	75	6	5	-	-	9+	9+	4000	4	*	b.b.c	b.b.c	b	b.c.p.r.	
4	Ross-on-Wye	1018.9	-14	ENE	3	jp	34	55	7	1	-	-	2.3	2.3	4000	1017.2	-10	N	1	30	32	65	5	5	-	-	9+	9+	1500	0	*	b.b.c	b.b.c	b	b.c	
5	Portland Bill	1014.8	-6	ENE	6	b	34	85	7	-	-	-	0	0	-	1014.8	+10	NE	4	bc	30	75	7	5	-	-	2.3	2.3	2500	0	5	b.c.b	b.b.c	b.c.b3	b.p.r.c	
	Plymouth	1015.5	0	NE	6	q	34	35	8	-	-	-	0	0	-	1015.6	+2	NNE	3	b	31	55	7	-	-	-	0	0	-	4	1	b.c.bq	bq.y	by	b.b.c	
	The Lizard	1015.1	0	NE	6	bc	36	65	8	7	-	-	2.3	2.3	4000	1016.0	+4	N	4	bc	29	65	8	7	-	-	2.3	2.3	4000	4	3	bq.b	b.c.x	b.c.bx	b.b.c	
	Scilly (St. Mary's)	1015.1	0	NE	7	q	37	55	8	7	-	-	2.3	2.3	4000	1015.3	+2	NE N	6	bc	37	65	7	2	-	-	2.3	2.3	2500	0	4	b.b.cq	b.cq	b.c	b.c.c	
	Guernsey	1010.8	0	NE N	8	q	37	65	8	8	-	-	4.6	4.6	2500	1011.6	+10	ENE	6	bc	36	65	7	8	-	-	4.6	4.6	2500	0	4	b.cq	b.c	b.c	c.o.f.	
6	Pembroke	1019.7	0	ENE	3	q	35	65	7	7	6	-	2.3	4.6	4000	1019.1	0	ENE	2	bc	34	85	7	7	6	-	2.3	4.6	4000	4	1	b.v.b.cq	b.c	b.c.c	b.c	
7	Holyhead	1021.3	-14	NE N	4	bc	42	65	7	5	-	-	4.6	4.6	2500	1019.1	-14	N	4	b	43	65	8	4	-	-	1	1	4000	0	1	b.c	b.c.b	b.c.b	b.c	
	Chester (Sealand)	1021.5	-16	N W	1	m	36	65	4	5	-	-	2.3	2.3	4000	1018.6	-16	NNW	3	30	32	95	5	-	-	1	0	Tr.	-	6	*	c.b.c3	b3.b.c.m	b.m.	b.c	
8	L'pool (Bidston)	1021.2	-10	N E	2	b	35	65	6	7	-	-	1	1	2500	1018.5	-10	NNW	3	b	36	85	8	-	-	-	0	0	-	6	*	b.c	b	b	b.c.p.c	
	Manchester	1020.8	-18	-	m	36	65	4	5	4	-	-	1	2.3	4000	1018.0	-12	-	b.f	27	95	3	-	-	-	0	0	-	6	*	c.b.f3	b.c.b3.f3	b.f.f3	c.m		
9	Harrogate	1020.2	-10	NE	1	c	37	65	7	-	2	-	0	9+	-	1016.9	-14	W	1	b	34	75	7	-	-	-	0	0	-	4	*	c.b.c	c.b	b.c	b.c	
10	Spurn Head	1019.0	-8	N E	1	c	38	75	8	5	7	-	4.6	9	4000	1014.4	-14	NNW	5	30	37	95	5	5	-	-	4.6	4.6	800	0	3	b.c	c.b.c3	3.ir	ir.c.b.c	
	Catterick	1019.8	-26	NNW	2	c	38	65	7	5	-	1	7.8	7.8	5700	1017.0	-16	NNW	3	bc	36	75	8	-	-	-	2	0	2.3	-	0	*	c.b.c	c.b.c	b.c	b.c.p.r.m.
	Tynemouth	1019.7	-20	NW	2	c	38	75	7	4	-	-	7.8	7.8	4000	1016.7	-12	NW	3	bc	37	75	6	4	-	-	4.6	4.6	4000	1	1	o.b.c.m.c	c.b.c	b.c.c.p.r.g	c.i.g.g	
11	Inchkeith	1021.8	-24	WSW	2	if	37	75	3	5	-	8	4.6	7.8	1500	1019.0	-8	W	1	bc	38	75	7	5	3	-	Tr.	4.6	1500	0	1	30.if	30.c	b.c	c	
	Leuchars	1020.1	-18	WSW	2	c	37	75	8	5	4	8	4.6	7.8	5700	1018.9	-8	NW	2	bc	36	85	8	5	-	8	1	2.3	4000	1	*	b.c.b.x.c	c.b.c.b	b.c.b.c	c.b.c	
	Renfrew (Abbotts)	1022.1	-18	W S	1	30	39	75	6	-	4	6	0	4.6	-	1019.7	-10	W	2	bc	33	95	7	-	3	-	0	4.6	-	1	*	c.x.m.b.c	b.c3	b.c.b	b.c.x	
	Esksdalemuir	1021.1	-20	SE	1	bc	33	75	8	5	-	1	Tr.	2.3	4000	1018.7	-14	N W	3	c	35	75	8	5	-	1	7.8	7.8	4000	6	*	b.c.b	b.c	b.c	b.c	
134	Tiree	1023.5	-8	N	4	bc	45	65	9	5	3	8	1	4.6	4000	1021.3	-10	N	4	bc	45	75	9	5	4	8	2.3	4.6	4000	0	3	b.c.p.r	b.c	b.c.c.p.r	p.r.b	
138	Stornoway	1022.5	-14	NNW	1	c	43	95	8	8	6	-	7.8	9	1500	1021.3	-6	NNW	1	c	39	95	8	8	6	-	4.6	7.8	2500	1	1	c.p.r	c.d.o	c.i.d.c	c.i.d.o	
15	Dalwhinnie	1021.9	-8	NNE	1	bc	35	85	8	4	-	1	4.6	4.6	2500	1020.6	-2	NNE	1	bc	35	85	8	4	-	-	4.6	4.6	2500	8	*	b.c	b.c	b.c	b.c	
	Aberdeen	1018.7	-20	NW	5	c/p.r	40	85	7	5	7	-	7.8	9	1500	1017.3	-12	NW	4	bc	39	85	7	8	7	-	4.6	4.6	2500	1	1	b.c.p.r	b.c.p.r	b.c.i.n.c	c	
	Wick	1020.0	-22	NNW	2	c	42	95	8	8	2	1	7.8	9	2500	1018.6	-8	NNW	3	c	40	95	8	8	1	-	4.6	7.8	1500	1	2	c.p.r.c	c.p.r.c	b.c	b.c	
16	Lerwick	1016.2	-12	N W	4	c/d	44	95	7	8	-	-	9+	9+	800	1015.4	-4	N W	4	c	45	95	7	5	-</											

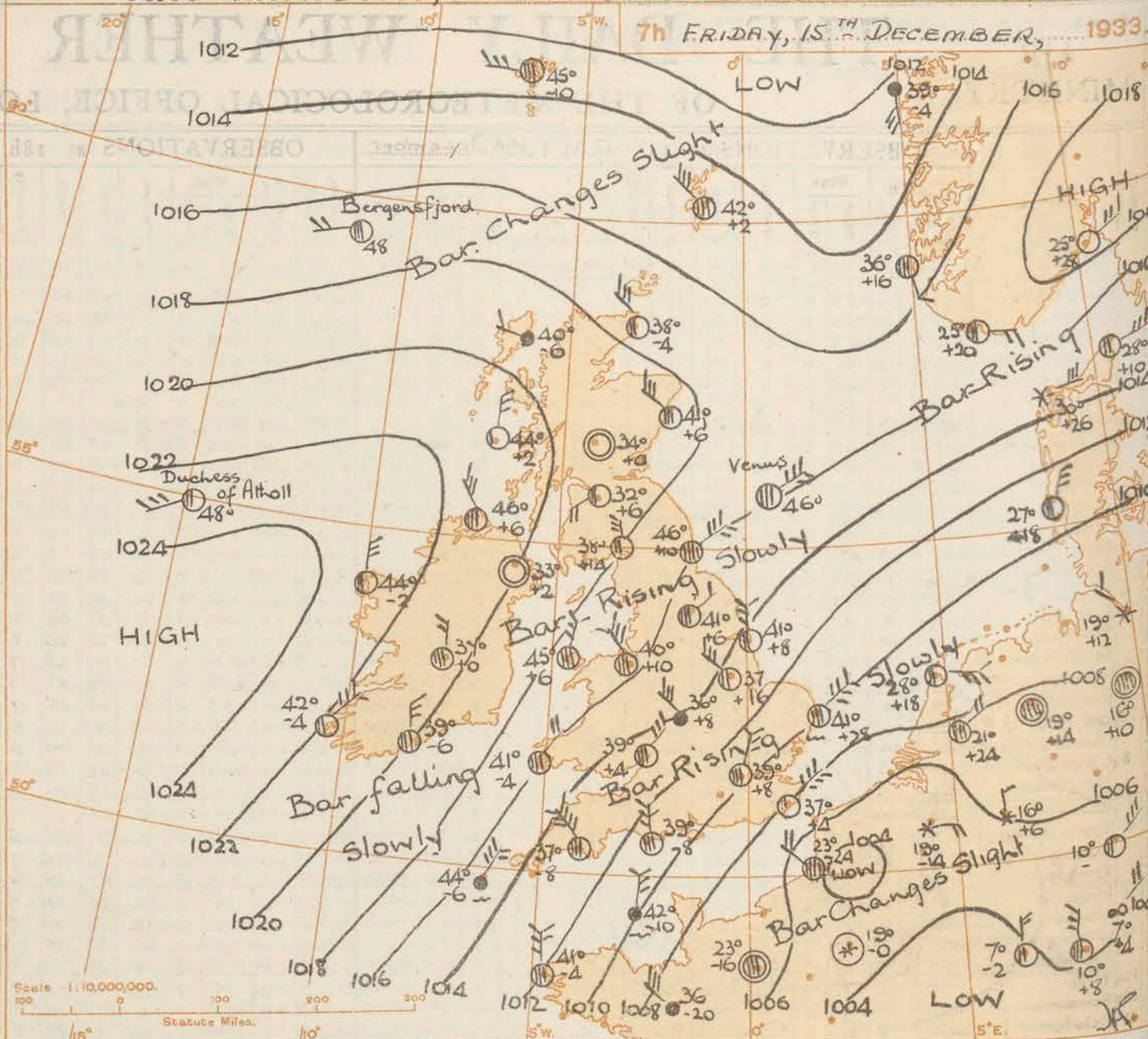
REPORTS from HEALTH RESORTS for 14th December, 1933.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th FRIDAY, 15th DECEMBER, 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 9h. 14h.	Max. 9h. to 17h. (4h.)	Night. 17h. to 9h. 14h.	Day. 9h. to 17h. (4h.)	
1	Tunbridge W.	b	b	27	32	-	-	6.8
	Bournemouth	x b	b	25	32	-	-	6.7
	Ventnor	x b	b	28	34	-	-	6.7
	Southsea	b	b	27	34	-	-	6.3
	Bognor Regis	b	b	27	34	-	-	7.0
	Littlehampton	b	b	28	34	-	-	7.0
	Worthing	b	b	28	34	-	-	6.9
	Brighton	b	b	28	34	-	-	6.8
	Eastbourne	b	b	28	34	-	-	6.9
	Hastings	b	b	27	33	-	-	6.4
	Folkestone	x b	b	28	33	-	-	5.7
	Dover	x b	b	29	34	-	-	6.9
	Deal	x b	b	29	33	-	-	6.8
	Ramsgate	x b	b	29	35	-	-	6.6
	Margate	x b	b	30	33	-	-	6.1
2	Southend	b	b	29	32	-	-	6.8
	Maidon	b	b	29	32	-	-	6.7
	Clacton-on-Sea	b	b	30	33	-	-	6.5
	Dovercourt	x b	b	30	32	-	-	6.8
	Lowestoft	b	b	30	33	-	-	6.2
	Skegness	b	b	33	37	-	-	1.0
	Mablethorpe	x c	b	34	38	-	-	0.0
	Cleethorpes	c	c	34	39	-	-	1.2
3	Leamington S.	c	b	26	35	-	-	3.5
4	Cheltenham	bmb	bccm	23	34	-	-	6.5
5	Bath	b	b	28	34	-	-	7.0
	Weymouth	b	b	26	34	-	-	7.2
	Jersey	b	b	31	37	-	-	4.0
	Torquay	b	b	29	35	-	-	7.1
	Penzance	b	b	18	36	-	-	7.5
	St. Ives	b	b	30	37	-	-	7.0
	Bude	b	b	29	34	-	-	6.3
	Ilfracombe	b	b	32	37	-	-	3.9
6	Aberystwyth	b	b	32	37	-	-	5.3
7	Llandudno	c	b	33	40	-	-	1.9
	Colwyn Bay	b	b	33	38	-	-	2.4
	Rhyl	b	b	33	40	-	-	2.3
8	Wallasey	b	b	31	37	-	-	2.8
	Southport	b	b	28	36	-	-	4.1
	Blackpool	b	b	29	33	-	-	4.5
	Morecambe	b	b	31	39	-	-	4.5
9	Ilkley	b	b	29	38	-	-	1.4
10	Berwick-on-T.	b	b	33	40	-	-	1.9
11	Dunbar	b	b	32	38	-	-	1.5
12	Troon	b	b	31	40	-	-	3.3
	Douglas	b	b	32	42	-	-	5.4

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 15th. Dec. 1933.
1. S.E. England	Moderate or fresh northeast wind, strong locally on coast; cloudy or variable sky, local sleet or snow showers; becoming colder again.
2. E. England...	
3. E. Midlands	
4. W. Midlands	Moderate or light north to northeast wind; cloudy or variable sky; moderate temperature, somewhat colder later.
5. S.W. England	Fresh or strong north to northeast wind; variable cloud, perhaps local showers; becoming somewhat colder later.
6. South Wales	
7. North Wales	As 4.
8. N.W. England	
9. N. Midlands	Moderate or fresh northeast wind falling light; mainly cloudy, local showers, perhaps sleet or snow showers later; moderate temperature; perhaps somewhat colder later.
10. N.E. England	
11. S.E. Scotland	Light variable to westerly wind; fair; moderate day temperature, frost at night; perhaps local fog later.
12. S.W. Scotland & Isle of Man	
13. { A.W. Scotl'd. B.N.W. Scot- land	Light to moderate or fresh westerly wind; mainly cloudy, occasional rain or showers; milder.
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate to light northerly to variable wind; fair; moderate day temperature; frost locally at night.
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 1/2 clouded. — Sky 1/2 to 3/4 clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.
Fog. — Mist. T Thunder. T Thunderstorm. — Slight haze.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is low over Spitzbergen and the Mediterranean and a secondary depression over North France is moving southwest. An anticyclone is centred north of the Azores, and another anticyclone over Scandinavia is developing considerably and moving south. Colder air will spread back to the southeast with local wintry showers, but elsewhere there will be little change.

FURTHER OUTLOOK.

Cold in the South and Midlands, with easterly winds; temperature mainly moderate elsewhere, but local night frost.

Forecasts issued at 1015 G.M.T.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday, 15th December 1933.
No. 26,321

STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 15th December														OBSERVATIONS at 7 hr. G.M.T. 15th December														PAST 24 HOURS.									
	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force. 0-12	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN- SHINE (4th Hrs.)							
				Direc.	Force. 0-12					Form.	Amount. Low 6-10 Total 0-10	Form.									Amount. Low 0-10 Total 0-10	Height of Base (feet)	Max. Day 7h-18h °F.			Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.									
																														Low		Med	High	Low	Total	Low	Med	High
1 London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1009.8	+10	N	4	C	40	85	6	9	-	-	7.8	7.8	2500	1	*	32	27	19	-	0.1	4.9				
Croydon ...	217	1009.1	-24	W	3	30	30	85	5	5	-	-	10	10	1500	1009.8	+8	N'E	4	Cld	39	95	6	6	2	-	7.8	10	800	1	*	33	27	22	-	0.1	5.4	
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1010.2	+8	NNW	4	Cld	35	95	6	6	1	-	9	9+	800	1	*	32	22	13	-	0.3	5.9				
Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1011.1	+2	N	5	O	36	95	6	5	-	-	10	10	800	4	*	31	23	21	-	Tr	7.2				
Calshot (S' thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	1003.6	-4	NNW	5	Cld	38	85	7	5	7	-	4.6	7.8	1500	1	3	33	27	21	-	Tr	6.2				
Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	N	4	ir	*	*	7	8	-	*	4.6	4.6	1500	*	3	39	20	*	-	Tr	*				
Lympe ...	346	1009.2	-36	NW	3	0/ph	29	75	6	5	-	-	10	10	1500	1006.5	+4	NNW	6	b/d	37	85	7	4	-	-	Tr	Tr	1500	1	*	31	26	22	-	0.1	7.1	
2 Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1009.0	+14	NNE	4	bc	35	95	7	4	-	-	2.3	2.3	2500	0	*	33	22	18	-	-	6.9				
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1009.3	+20	N'E	3	bc	37	75	8	1	-	-	4.6	4.6	1500	0	2	33	24	22	-	0.5	6.6				
Gorleston ...	5	1007.3	-18	NNW	5	bc/prs	40	95	8	8	-	-	4.6	4.6	1500	1009.8	+28	NE	6	C	41	85	7	9	-	-	7.8	7.8	2500	0	4	33	31	30	-	1	4.4	
Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1013.8	+16	N'W	3	bc	37	95	7	5	-	-	2.3	2.3	4000	5	*	37	31	28	-	0.6	2.2				
3 Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1014.1	+8	NNW	3	ir	36	95	5	6	-	-	10	10	800	1	*	34	30	25	-	Tr	1.7				
Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1012.6	+16	N	4	b/pr	36	95	7	8	-	-	Tr	Tr	800	5	*	32	26	23	-	0.4	*				
4 Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1013.7	+4	NE	3	C	39	85	6	5	-	-	9+	9+	2500	0	*	34	30	21	-	-	3.6				
5 Portland Bill ...	32	1010.8	-10	NNE	4	b	33	75	6	-	-	-	0	0	-	1011.1	-8	N	5	C	39	85	7	8	7	-	4.6	7.8	1500	1	3	34	29	*	-	Tr	6.9	
Plymouth ...	32	*	*	*	*	*	*	*	*	*	*	*	1013.1	-8	N'W	7	C	37	75	8	5	-	2	4.6	7.8	1500	1	3	35	30	26	-	-	*	*			
The Lizard ...	240	1016.1	-6	N	3	b	34	75	8	-	-	-	0	0	-	1014.2	-8	N	2	bc	35	85	8	7	5	-	2.3	4.6	4000	4	2	36	29	*	-	-	*	
Scilly (St. Mary's) ...	163	1016.9	0	NE/N	5	bc	41	65	9	4	-	-	2.3	2.3	2500	1015.5	-6	N'E	5	pr	44	85	8	3	-	-	9+	9+	1500	1	4	38	37	*	-	0.5	7.0	
Guernsey ...	175	1012.8	-4	N'E	4	C	38	75	7	8	-	-	10	10	2500	1009.8	-16	N'E	4	id	42	85	7	6	-	-	10	10	1500	1	4	38	35	31	-	Tr	2.2	
6 Pembroke ...	142	1015.3	-12	NE	1	ir	40	95	7	5	-	-	10	10	1500	1015.4	-4	NNE	2	bc	41	85	7	7	-	-	4.6	4.6	2500	1	1	37	32	*	-	1	5.4	
7 Holyhead ...	28	1017.3	-6	NNE	3	b	43	75	7	4	-	-	1	1	4000	1017.4	+6	NNE	4	C	45	75	7	5	-	-	9	9	4000	1	2	43	43	38	-	0.4	4.0	
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1016.5	+10	N'W	4	C	40	85	7	5	-	-	9	9	2500	3	*	36	27	21	-	-	0.8				
8 L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1016.8	+6	N'E	3	C	39	95	8	5	-	-	7.8	7.8	2500	1	*	37	34	31	-	Tr	3.1				
Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1015.8	+14	-	-	z	41	85	6	5	2	-	7.8	10	2500	1	*	37	23	16	-	-	*				
9 Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1015.7	+6	NE	1	C	41	95	7	6	-	-	9+	9+	2500	1	*	37	34	28	-	-	0.5				
10 Spurn Head ...	29	1009.3	-6	NW	4	ir	38	95	5	3	2	-	7.8	10	1500	1012.8	+8	N	4	bc	41	95	8	-	7	-	0	2.3	-	1	3	40	36	*	-	3	1.1	
Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1015.8	+12	NNW	2	C	42	95	6	5	-	-	9+	9+	1500	1	*	39	35	32	-	0.5	1.6				
Tynemouth ...	100	1014.0	-8	NNW	4	0/pr	40	95	6	6	-	-	10	10	1500	1015.5	+10	NE	5	0/g	46	85	7	6	-	-	10	10	1500	1	3	40	37	32	-	2	*	
11 Inchkeith ...	190	1018.2	-2	W	1	C	39	85	8	5	-	-	7.8	7.8	2500	1018.8	+6	WSW	2	C	39	85	6	5	1	-	7.8	10	1500	0	1	39	37	30	-	-	1.2	
Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1018.4	+8	WSW	3	C	39	85	8	5	-	-	9	9	4000	1	*	40	33	27	-	-	3.8				
12 Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	1013.4	+6	SWW	2	C	32	85	7	5	3	8	2.3	9	5700	4	*	40	26	19	-	-	4.1				
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1018.1	+14	N	3	bc	38	85	8	5	-	-	4.6	4.6	2500	6	*	37	31	23	-	-	4.1				
13a Tiree ...	22	1020.3	-6	NNW	2	C	42	95	8	8	6	-	7.8	9	1500	1020.8	+2	N	3	b	44	85	9	5	-	-	1	1	4000	1	2	45	43	39	0.1	0.6		
13b Stornoway ...	34	1019.3	-6	NNW	2	C	42	95	8	8	6	-	7.8	9	1500	1019.6	-6	WNW	1	id	40	95	8	8	6	-	4.6	7.8	1500	1	1	43	38	*	0.4	0.5		
15 Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1019.3	0	-	0	bc	34	95	8	4	-	-	2.3	2.3	4000	8	*	35	32	27	-	-	0.0				
Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	1018.2	+6	NW	3	C	41	95	7	5	7	-	7.8	7.8	2500	1	1	40	39	37	0.1	0.3	1.6				
Wick ...	81	1017.8	0	NW	3	bc	43	95	8	5	1	-	2.3	4.6	2500	1017.0	-4	NW	3	bc	38	95	8	5	-	-	2.3	2.3	2500	1	2	43	37	*	1	-	*	
16 Lerwick ...	54	1015.0	-4	NW	3	Cld	43	95	7	5	-	-	7.8	7.8	1500	1014.8	+2	NW	3	Cld	42	95	7	8	1	-	4.6	7.8	1500	1	*	45	41	*	Tr	0.4	0.1	
17 Blacksod Point ...	18	1023.1	-2	N	4	bc	41	75	8	9	-	-	4.6	4.6	800	1023.0	-2	N	3	C	44	75	8	9	-	-	7.8	7.8	1500	1	3	44	38	*	Tr	0.5	*	
18 Malin Head ...	52	1020.2	0	N'W	4	pr	45	95	7	3	-	-	9	9	1500	1020.4	+6	N'W	3	C	46	85	7	3	-	-	7.8	7.8	1500	1	1	45	44	*	Tr	1	0.7	
Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	1020.4	+2	-	0	b	33	95	8	-	-	-	0	0	-	4	*	42	32	25	Tr	0.2	3.9				

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 16th December 1933.
No. 26322

STATIONS.	OBSERVATIONS at 13h. G.M.T. 15th December														OBSERVATIONS at 18h. G.M.T. 15th December														PAST 24 HOURS.						
	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. of.	Humid. %	Visibility	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. of.	Humid. %	Visibility	Cloud.			State of Ground.	Sea.	WEATHER.										
			Direc.	Force					Low.	Med.	High.			Low.	Total					Height of Base (feet)	Low.	Med.			High.	Low.	Total	Height of Base (feet)	7h.-18h. 15h.	18h.-18h. 15h.	18h.-18h. 1h. 16h.	18h.-18h. 16h.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
1 London (Kew)...	1014.5	+10	NNE	5	bc	42	55	6	7	-	-	4.6	4.6	2500	1017.3	+24	N'E	3	b	38	65	6	-	3	-	0	Tr.	-	4	*	bcc30	bcb30	mcb30	bcm30	
Croydon ...	1013.7	+10	NE	5	30	42	65	5	4	-	-	4.6	4.6	2500	1016.8	+12	NNE	3	m	38	65	4	5	-	-	7.8	7.8	1500	4	*	bcbm30	bcb30	bcb30	bcm30	
S. Farnborough	1014.4	+10	NE	4	b	43	65	7	8	-	-	1	1	2500	1017.4	+20	N'E	2	b	36	85	6	4	-	-	1	1	2500	1	*	cm30	bcbm30	bcbm30	bcm30	
Boscombe Down	1015.1	+14	NNE	4	b	42	65	7	1	-	-	Tr.	Tr.	1500	1017.8	+22	NNE	3	b	33	85	7	-	-	-	0	0	-	0	2	*	om30	b	b	bcbcc
Calshot, S'thamtn	1014.2	+12	N'E	4	bc	43	65	7	5	-	-	4.6	4.6	2500	1017.3	+26	NNW	3	b	36	85	8	-	-	-	0	0	-	1	2	*	bcb	bcb	bcb	bcb
Dungeness ...	*	*	NE	6	c/pr	*	*	6	8	-	-	7.8	7.8	1500	*	*	NE	6	q	*	*	6	8	-	-	9	9	1600	*	4	*	bcb	bcb	bcb	bcb
Lymne ...	1012.5	+16	NE	5	pr	39	75	6	9	-	-	9+	9+	800	1016.4	+20	NE	3	sh	35	75	6	8	-	-	7.8	10	800	6	*	bq	bq	bq	bq	
2 Shoeburyness	1013.5	+10	NNE	4	jp	41	65	8	6	3	-	7.8	7.8	2500	1016.6	+22	N'E	2	pr	33	85	8	5	3	-	2.3	2.3	2500	1	*	bcb	bjb	bcb	bcb	
Felixstowe ...	1013.9	+10	NNE	4	c/pr	43	55	7	7	-	-	7.8	7.8	2500	1016.8	+18	N'E	3	orh	35	95	7	6	-	-	10	10	2500	6	3	*	bcb	bcb	bcb	bcb
Gorleston ...	1014.3	+8	NE	6	jp	42	65	7	9	-	-	7.8	7.8	2500	1016.5	+14	NE	4	bc	40	55	7	9	-	-	4.6	4.6	2500	0	4	*	bcb	bcb	bcb	bcb
Cranwell ...	1017.6	+10	NNW	2	c	40	85	6	-	7	-	0	7.8	-	1019.2	+12	N	1	c	36	85	6	5	-	-	9+	9+	4000	0	*	bcb	bcb	bcb	bcb	
3 Birmingham ...	1017.5	+12	NNE	3	m	42	75	4	-	3	-	0	9	-	1019.1	+12	NNW	2	m	40	85	4	-	7	-	0	9	-	0	*	bcb	bcb	bcb	bcb	
Upper Heyford	1016.5	+8	NE	3	b	41	75	7	1	4	-	Tr.	Tr.	1500	1018.7	+18	NNE	3	c	37	85	7	5	-	-	9	9	2500	1	*	bcb	bcb	bcb	bcb	
4 Ross-on-Wye ...	1017.3	+6	NE	3	30	44	65	6	7	3	-	7.8	7.8	4000	1019.1	+12	NNE	1	cf	37	85	3	5	-	-	9	9	450	0	*	bcb	bcb	bcb	bcb	
5 Portland Bill...	1013.0	+20	NE	4	bc	40	95	7	4	-	-	2.3	2.3	2500	1016.0	+20	NNE	3	b	39	75	7	-	-	-	0	0	-	0	3	*	bcb	bcb	bcb	bcb
Plymouth ...	1015.6	+10	NE	6	bc	44	65	8	2	-	-	2.3	2.3	2500	1018.2	+22	N	3	30	40	75	5	-	-	-	0	0	-	0	1	*	bcb	bcb	bcb	bcb
The Lizard ...	1016.1	+20	N'E	3	c	43	75	8	6	-	-	4.6	7.8	4000	1018.3	+20	N'E	3	b	38	75	8	-	-	-	0	0	-	0	2	*	bcb	bcb	bcb	bcb
Seilly (St. Mary's)	1016.8	+8	NE	6	c	47	75	8	8	-	-	3	9	2500	1019.4	+12	NE	5	c	45	75	7	2	-	-	7.8	7.8	2500	0	4	*	bcb	bcb	bcb	bcb
Guernsey ...	1012.6	+16	NE	6	q	44	65	7	8	-	-	4.6	4.6	2500	1014.8	+16	NNE	5	q	43	75	7	8	-	-	4.6	4.6	2500	0	4	*	bcb	bcb	bcb	bcb
6 Pembroke ...	1018.3	+8	N	3	c	45	85	7	5	7	-	4.6	9+	2500	1020.5	+8	N	2	c	49	65	7	5	2	-	7.8	9	2500	0	1	*	bcb	bcb	bcb	bcb
Holyhead ...	1013.6	+6	NNE	3	c	46	85	8	5	3	-	4.6	7.8	4000	1020.7	+6	N	3	bc	46	85	1	5	-	-	4.6	4.6	2500	1	1	*	bcb	bcb	bcb	bcb
Chester (Sealand)	1019.7	+8	NNW	2	m	43	85	4	5	-	-	7.8	7.8	1500	1020.5	+8	NNW	3	id.	40	95	5	5	-	-	10	10	1500	1	*	bcb	bcb	bcb	bcb	
8 L'pool (Bidston)	1013.6	+4	N	2	c	41	95	8	5	-	-	9+	9+	2500	1020.3	+4	N	3	c	40	95	8	5	-	-	7.8	7.8	2500	0	*	bcb	bcb	bcb	bcb	
Manchester ...	1018.4	+6	-	-	30	45	75	5	5	3	-	4.6	7.8	2500	1019.7	+8	-	-	30	41	95	6	5	-	-	10	10	1500	1	*	omr	bcb	bcb	bcb	
9 Harrogate ...	1018.4	+10	NW	2	c	42	95	7	6	7	-	7.8	9+	2500	1019.6	+6	NW	1	m/r	42	95	4	5	-	-	10	10	1500	1	*	cir	comir	cir	cir	
10 Spurn Head ...	1017.4	+4	N'E	3	bc	44	85	7	5	3	9	2.3	4.6	5700	1018.8	+6	N'E	3	c	42	85	7	-	2	-	0	10	-	0	2	*	bcb	bcb	bcb	bcb
Catterick ...	1018.7	+6	N'W	1	df	43	95	3	5	-	-	10	10	450	1019.8	+8	NNW	2	bc	43	95	7	5	-	-	4.6	4.6	1500	1	*	comidd	afdd	bcb	bcb	
Tynemouth ...	1018.0	+12	NNE	4	ofr	45	95	7	6	-	-	10	10	1500	1019.1	+12	N	3	c	44	95	6	6	-	-	7.8	7.8	1500	1	3	*	oirg	oirg	cir	cir
11 Incheith ...	1019.9	-16	WSW	1	m	40	85	4	5	-	-	9+	9+	1500	1020.5	+10	WSW	1	cf	38	95	3	5	-	-	7.8	7.8	800	0	1	*	cf	cf	cf	cf
Leuchars ...	1019.5	-0	WSW	2	bc	39	85	8	5	-	-	2.3	2.3	5700	1020.5	+10	NNW	2	b	34	85	6	5	-	-	1	Tr.	Tr.	5700	1	*	pr	bcb	bcb	bcb
12 Renfrew (Abbotts)	1020.2	-2	WSW	2	30	40	75	5	-	-	-	0	0	-	1020.7	+6	W	3	30	32	95	6	-	-	-	0	0	-	4	*	bcb	bcb	bcb	bcb	
Esksdalemuir ...	1019.4	+2	NNE	2	c	42	75	8	5	-	-	7.8	7.8	4000	1020.7	+4	NW	1	b	35	85	3	-	-	-	0	0	-	4	*	bcb	bcb	bcb	bcb	
13a Tires ...	1021.5	-0	NW	3	c	45	65	9	5	-	-	9+	9+	2500	1020.8	-0	SW	2	c	42	95	9	5	-	-	9+	9+	2500	1	1	*	bcb	bcb	bcb	bcb
13b Stornoway ...	1018.9	-6	WSW	2	c	44	85	8	6	-	-	4.6	7.8	1500	1017.6	-2	SW	3	bc	45	85	8	8	7	-	2.3	4.6	1500	1	2	*	cir	cir	cir	cir
14 Dalwhinnie ...	1021.1	-2	NE	1	bc	36	95	8	4	-	-	4.6	4.6	2500	1021.4	+4	NW	1	bc	35	95	8	4	-	-	2.3	2.3	4000	8	*	bcb	bcb	bcb	bcb	
15 Aberdeen ...	1019.0	-2	NNW	2	b	43	75	8	5	-	-	1	1	2500	1020.1	+8	W	2	c	38	85	6	5	7	-	7.8	9	2500	1	0	*	bcb	bcb	bcb	bcb
Wick ...	1018.1	+4	WSW	2	bc	42	85	8	4	-	-	2.3	4.6	2500	1017.7	-2	SW	3	bc	36	95	8	4	-	-	2.3	2.3	2500	1	2	*	bcb	bcb	bcb	bcb
16 Lerwick ...	1014.5	-0	W	1	cld	44	95	7	8	7	8	4.6	7.8	800	1013.2	-6	WSW	3	befr	44	95	8	5	-	-	4.6	4.6	1500	1	*	cir	cir	cir	cir	
17 Blacksod Point	1024.2	+10	N	2	c	46	75	9	8	-	-	7.8	7.8	1500	1024.5	+10	N'W	2	c	46	65	8	5	-	-	7.8									

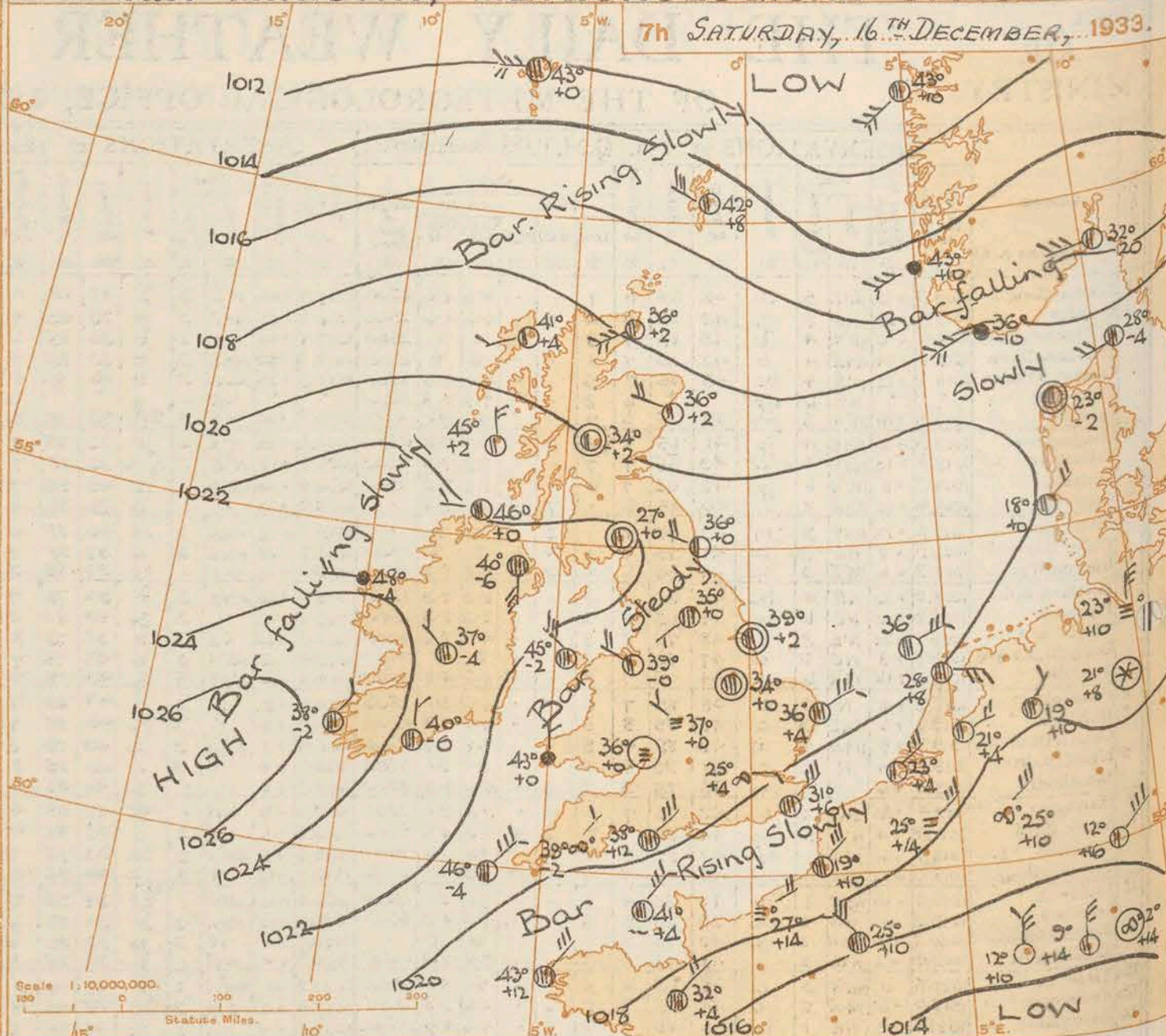
REPORTS from HEALTH RESORTS for 15th December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 15h.	Max. 9h. to 17h.	Night. 17h. to 9h.	Day. 9h. to 17h.	
1	Tunbridge W.	bcb	bcc	24	42	-	-	4.0
	Bournemouth	b	b	25	43	-	-	6.2
	Ventnor	rsb3	bcc	34	42	0.3	-	5.0
	Southsea	b	bcc	27	43	-	-	4.0
	Bognor Regis	b	b	28	43	Trace	-	5.2
	Littlehampton	b	bcc	24	44	Trace	-	5.3
	Worthing	b	bcc	27	43	Trace	-	4.4
	Brighton	bcc	bcc	25	43	-	-	4.5
	Eastbourne	bcc	bcc	26	43	-	Trace	4.1
	Hastings	bcc	bcc	27	43	Trace	0.4	4.0
	Folkestone	xrb	bcc	25	41	1	2	4.1
	Dover	b	bcc	29	43	2	2	4.1
2	Deal	bcc	bcc	31	43	1	2	3.8
	Ramsgate	bcc	bcc	30	44	2	1	3.8
	Margate	bcc	bcc	31	42	Trace	0.2	1.9
	Southend	b3	bcc	25	40	Trace	-	4.2
	Maldon	Xb	bcc	26	41	-	-	3.4
	Clacton-on-Sea	rsb3	bcc	26	42	0.3	-	4.0
	Dovercourt	Xb	bcc	26	43	Trace	Trace	4.1
	Lowestoft	bcc	bcc	26	43	-	0.1	2.9
	Skegness	bcc	bcc	34	43	1	-	4.0
	Mablethorpe	Xb	bcc	33	43	1	-	3.9
	Cleethorpes	b	b	33	42	3	-	3.8
3	Leamington S.	b	com	30	43	-	-	2.2
	Cheltenham	cmbe	bcc	28	44	Trace	-	2.7
	Bath	bcc	bcc	28	43	-	-	3.5
	Weymouth	b	b	27	44	-	-	6.3
	Jersey	rbcc	bcc	34	45	1	-	5.6
	Torquay	b	b	29	45	-	-	4.9
	Penzance	bcc	bcc	31	47	2	-	2.8
	St. Ives	c	c	31	47	1	-	1.1
	Bude	Xbcb	b	22	45	-	-	6.0
	Ilfracombe	bcc	bcc	32	45	-	-	1.0
	Aberystwyth	bcc	c	27	44	-	-	0.3
	Llandudno	c	c	37	45	-	-	0.0
7	Colwyn Bay	bcc	co	35	43	-	-	0.0
	Rhyl	c	c	28	44	-	-	0.0
	Wallasey	bcc	bcc	31	42	-	-	1.1
	Southport	bcc	cc	29	39	0.1	-	0.9
	Blackpool	c	cp	30	44	-	0.1	0.1
	Morecambe	bcc	c	30	42	Trace	-	0.1
	Ilkley	cir	cir	30	43	Trace	2	0.0
	Berwick-on-T.	o	prcc	33	45	4	Trace	0.0
	Dunbar	b	bcc	33	43	-	-	0.7
	Troon	bcc	bcc	30	46	-	-	4.1
	Douglas	bcc	rscc	36	47	-	0.3	0.2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th SATURDAY, 16th DECEMBER, 1933.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 16th Dec. 1933.
1. S.E. England	
2. E. England...	Light northeast to variable wind; variable cloud; local fog, especially later; cold, frost locally night and morning.
3. E. Midlands	
4. W. Midlands	Light variable wind; variable cloud, local fog; rather cold.
5. S.W. England	Light northeast wind, variable cloud, local fog later; rather cold.
6. South Wales	
7. North Wales	
8. N.W. England	As 4.
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	Light or moderate west to southwest wind; cloud increasing, perhaps slight rain locally; moderate temperature.
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotl. B. N.W. Scot- land.	Freshening southwest wind; cloudy, some rain; milder.
14. Mid-Scotland	Wind backing southwest, freshening later; fair at first, perhaps rain later; becoming milder.
15. N.E. Scotland	
16. Orkneys and Shetlands.	
17. N.W. Ireland	Light to moderate west to southwest wind; cloudy, local drizzle; milder.
18. N.E. Ireland	
19. S.E. Ireland	Light variable wind; mainly cloudy; moderate temperature.
20. S.W. Ireland	

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

GENERAL INFERENCE.

A belt of high pressure extending from Southwest Ireland to Russia is moving slowly south and pressure will fall decidedly in Iceland. Weather will be unsettled and milder in the extreme northwest but will be quiet in most districts with local fog.

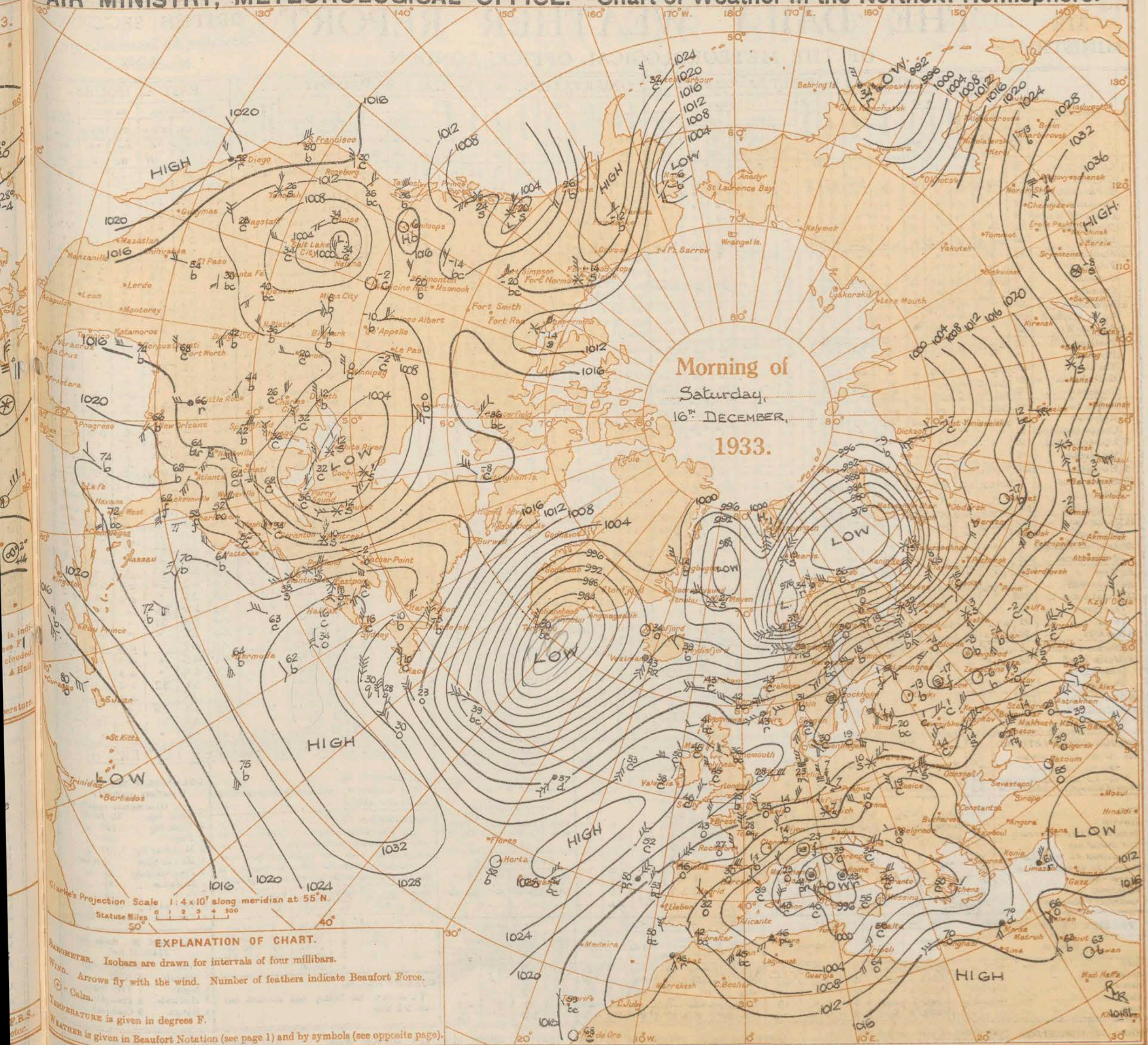
FURTHER OUTLOOK.

Unsettled and mild in the extreme northwest; quiet over most of England with fog at many places; probably some frost in the Southeast.

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

Forecasts issued at 1000 G.M.T.

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 16th December 1933.
No. 26,322

STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 16th December														OBSERVATIONS at 7 hr. G.M.T. 16th December														PAST 24 HOURS.							
	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE (1st Hr.)	
				Dir.	Force.					Low.	Med.	High.	Low.	Total.			Dir.	Force.					Low.	Med.	High.	Low.	Total.			Max. Day 7h-12h of (31).	Min. Night 12h-7h of (32).	Min. on Grass of (33).	Day 7h-12h mm. (34).	Night 12h-7h mm. (35).		
1 London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1020.6	+6	N	2	bc	32	85	6	S	3	-	2.3	4.6	2500	4	*	43	31	21	-	-	5.3	
Croydon	217	1018.3	0	2	3	34	85	5	-	-	-	0	0	1019.9	+4	E	1	3	25	85	6	-	3	-	0	Tr	-	4	*	43	25	19	-	-	4.1	
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	1020.5	+4	2	W	1	C	33	85	6	S	-	-	7.8	7.8	4000	4	*	43	29	21	-	-	5.9
Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	+2	2	E	2	C	33	95	6	S	-	-	9+	9+	800	0	*	42	29	26	-	-	6.4
Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	+2	2	W	3	C	35	95	7	S	-	-	9+	9+	4000	4	1	43	33	27	-	-	5.3
Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	+2	2	W	2	C	*	*	6	4	-	-	9+	9+	1500	4	2	42	31	*	1	Tr	*
Lympe	346	1018.4	+3	NNE	2	32	95	6	5	-	-	-	10	10	1013.4	+6	NE	3	C/ps	31	75	8	S	-	-	9+	9+	1500	6	*	41	31	29	0.3	1	4.4
2 Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1020.1	+6	NE	3	C	30	95	7	4	-	-	7.8	7.8	2500	6	*	43	28	24	Tr	0.4	4.2	
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	1020.1	+4	2	2	C	32	85	7	5	-	-	7.8	7.8	4000	6	1	43	30	28	Tr	0.4	3.8	
Gorleston	5	1018.7	+6	NE	4	C	39	75	7	8	-	-	9+	9+	1013.7	+4	NE	4	C	36	75	7	8	-	-	7.8	7.8	2500	0	3	42	35	33	Tr	-	2.6
Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	1021.2	+6	-	0	C	34	95	6	5	7	-	-	4.6	10	2500	1	*	43	33	29	Tr	Tr	5.1
3 Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1021.2	0	NW	1	of	37	95	3	5	-	-	10	10	800	1	*	42	36	34	Tr	2	0.5	
Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1021.4	+8	2	1	3	34	95	5	5	-	-	9+	9+	800	4	*	41	33	28	-	-	*	
4 Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1020.7	0	-	0	of	36	95	1	5	-	-	10	10	1500	1	*	44	35	30	-	1	2.0	
5 Portland Bill	32	1019.4	+6	NE	3	C	38	85	7	5	-	-	10	10	1020.6	+12	NE	3	0	38	95	6	5	-	-	10	10	1500	0	3	44	36	*	-	-	*
Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	1020.2	-2	NE	1	3	39	95	6	5	-	-	7.8	7.8	2500	0	1	44	36	27	-	-	5.0	
The Lizard	240	1020.1	0	2	2	40	85	7	5	-	-	-	10	10	1019.7	-2	NNE	3	C	42	95	8	8	-	-	10	10	2500	0	3	44	37	*	-	-	*
Scilly (St. Mary's)	163	1021.5	+4	NE	3	C	46	75	7	5	-	-	9+	9+	1021.1	-4	NE	4	C/6	46	95	7	8	-	-	9+	9+	2500	1	3	47	44	*	0.5	4	1.0
Guernsey	175	1017.3	+6	NE	4	41	65	7	8	-	-	-	4.6	4.6	1018.4	+4	NNE	4	C	41	65	7	8	-	-	10	10	1500	0	4	44	40	34	Tr	-	2.4
6 Pembroke	142	1020.5	-2	2	2	43	95	7	5	-	-	-	10	10	1021.6	0	N	1	id	43	95	7	5	-	-	10	10	1500	1	1	49	32	*	-	0.4	0.4
7 Holyhead	26	1021.4	0	2	4	45	85	8	4	-	-	-	4.6	4.6	1021.2	-2	NW	3	C	45	85	7	5	-	-	7.8	7.8	2500	1	2	46	44	40	Tr	0.3	0.5
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	1021.5	0	NW	2	bc	39	95	6	5	-	-	4.6	4.6	2500	1	*	43	38	33	Tr	1	1.2	
8 L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	1021.6	+2	-	0	b	39	95	7	5	-	-	Tr	Tr	2500	1	*	42	39	34	-	0.2	1.8	
Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	1021.2	+6	-	-	F	32	95	0	-	-	-	10	10	1500	1	*	47	30	26	Tr	Tr	*	
9 Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	0	SW	1	C	35	95	7	5	-	-	9+	9+	4000	1	*	42	35	29	1	0.5	0.0	
10 Spurn Head	29	1020.2	+2	NE	3	bc	40	85	7	3	1	-	2.3	4.6	1020.7	+2	-	0	C	39	95	7	5	7	-	2.3	7.8	4000	0	2	45	38	*	-	0.2	4.8
Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	1021.3	+4	NW	1	bc	33	95	7	5	-	-	4.6	4.6	4000	1	*	43	31	26	3	-	0.0	
Tynemouth	100	1020.3	0	2	2	42	85	7	5	-	-	-	2.3	2.3	1020.1	0	NW	2	bc	36	85	6	5	-	-	4.6	4.6	1500	1	1	46	35	32	5	-	*
11 Inchkeith	190	1022.3	0	SW	1	C	36	95	3	5	-	-	9	9	1020.7	0	WSW	1	of	37	95	3	5	-	-	10	10	800	0	1	41	34	31	-	-	0.0
Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	1020.0	0	SW	2	C	34	85	8	5	-	-	7.8	7.8	4000	4	*	44	30	22	Tr	-	2.4	
12 Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	*	*	1021.0	0	ESE	1	df	33	95	2	5	-	-	10	10	1500	5	*	40	29	21	-	0.4	4.7	
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1022.0	0	-	0	bc	27	95	8	5	-	-	4.6	4.6	2500	4	*	43	25	21	-	-	0.3	
13A Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1020.6	+2	N	2	bc/ps	45	95	9	8	-	-	3	2.3	2.3	2500	1	2	45	42	34	0.1	0.4	0.0
13B Stornoway	34	1018.6	+14	W	1	bc	39	95	7	5	-	-	2.3	2.3	1019.5	+4	WSW	1	bc	41	95	8	8	6	-	2.3	4.6	1500	1	1	45	38	*	0.1	1	0.9
15 Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	+2	-	0	bc	34	95	8	4	-	-	4.6	4.6	2500	3	*	39	29	26	-	-	1.7	
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	+2	NW	2	b	36	95	6	5	-	-	Tr	Tr	2500	1	1	44	35	31	-	Tr	4.5	
Wick	81	1017.0	0	SW	3	43	95	8	8	2	-	-	7.8	9+	1018.1	+2	WSW	2	bc	36	95	8	8	1	-	2.3	4.6	2500	1	2	43	35	*	-	0.3	*
16 Lerwick	54	1013.0	+3	NW	3	45	85	8	8	-	-	-	4.6	4.6	1015.3	+8	NW	3	bc	42	85	8	5	-	-	2.3	2.3	1500	1	*	45	42	*	0.6	0.6	0.0
17 Blacksod Point	18	1023.7	-2	NW	2	47	85	7	6	-	-	-	9	9	1023.2	-4	W	2	id	48	95	7	6	-	-	10	10	800	1	3	48	45	*	0.1	1	0.2
18 Malin Head	52	1021.5	0	W'S	2	46	95	7	8	-	-	-	9	9	1021.2	0	W	1	C	46	95	7	8	-	-	9+	9+	1500	1	1	47	44	*	0.5	1	0.2
Aldergrove	238	*	*	*	*	*	*	*	*	*	*	*	*	1022.2	-6	S	3	of	40	95	5	5	-	-	10	10	450	1	*	44	37	32	0.2	0.1	3.9	
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	1021.0	-4	-	0	id	44	75	7	5	-	-	9	9	1500	1	0	47	38	*	0.4	0.2	*	
19 Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	1023.1	-4	NW	1	C	37	95	7	5	-	-	7.8	7.8	2500	1	*	43	34	25	-	-	0.4	
20 Valentia Obsy.	30	1025.5	0	-	0	43	95	7	3	-	-	-	10	10	1025.2	-2	NNE	1	C	38	95	8	5	-	-	9	9	4000	1	-	47	35	31	-		

LONDON OBSERVATIONS.														EXPLANATION OF FIGURES, LETTERS, etc.																										
Day 7h--18h, Kew & Croydon. 9h--18h, Kensington. 9h--21h, other stations, except Greenwich & Hampstead rainfall, 9h--18h.														Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sun- shine to Sunset hrs.		Humidity.		Atmospheric Pollution.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.						COLUMNS 3, 22.—Code for surface visibility. Objects not visible at 55 yards.					
Morning.			Afternoon.			Night.			Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.		15h. G.M.T. %	9h. G.M.T. %	Visibility 0h.	Milligrams of Solid Impurity per cubic metre.																						
24 hrs. ended 9h.									°F.	°F.	°F.	mm.	mm.		Yesterday.		To-day.		24 hrs. ended 7h. G.M.T. 16h.																					
															SOUTH KENSINGTON.														COLUMNS 4, 18. The BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.						COLUMNS 30.—Code for State of Sea.					
														KEW OBSERVATORY.																										
														Max. Time. Min. Time.																										
														0.6 16-21h 40.3 23h 15h																										
														15h 7h 16h																										
														Max. Time. Min. Time.																										
														0.5 22h 15h 0.1 5h 16h																										

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 17th December, 1933.
No. 26,323

District.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 16th December														OBSERVATIONS at 18h. G.M.T. 16th December														PAST 24 HOURS.																
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir.	Force	Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir.	Force	Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir.	Force	Weather.	Temp. °F.	Humid. %	Visib. 0-9	WEATHER.												
										Form.	Amount.	Height of Base.	Feet.									Form.	Amount.	Height of Base.	Feet.									7h.-13h. 16th	13h.-18h. 16th	18h. 16th to 1h. 17th	1h.-7h. 17th									
																																						Low.	Med.	High.	Low.	Total	Low.	Total	Low.	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)							
(For heights see p. 4.)																																														
1	London (Kew)...	1021.6	-2	NE	2	m	37	55	4	5	-	-	7.8	7.8	4000	1022.1	+4	N	1	m	34	75	4	-	-	-	0	0	-	4	*	bcm	y	bcm	bm	bmb	cxm	cm								
	Croydon	1021.4	-2	NE	2	bcf	35	65	3	5	-	-	2.3	2.3	1500	1021.8	+4	ENE	1	bcf	28	75	3	-	3	-	0	2.3	-	4	*	b	bcf	bfb	bmff	baf	ex	off	x							
	S. Farnborough	1021.8	-2	NNE	2	30	37	65	5	5	-	-	1	1	7200	1022.0	+2	NNE	2	m	31	75	4	5	-	-	Tr.	Tr.	4000	4	*	cxm	mb	bcb	ex	bcb	z	mbcm	cm							
	Boscombe Down	1021.9	0	NE	2	c	37	65	7	5	-	-	9	9	4000	1022.1	+2	NW	1	c	33	95	6	5	-	-	10	10	4000	0	*	cm	c	cm	cm	cm	cm	of								
	Calshot, S'thmtn	1021.3	+2	N	2	bc	39	65	7	7	-	-	2.3	2.3	4000	1022.0	+4	NNE	1	30	34	75	5	-	3	-	0	2.3	-	0	0	0	0	0	0	0	0	0	0							
	Dungeness	1021.3	+	NE	2	c	39	65	7	7	-	-	4.6	7.8	1500	1021.4	+2	NE	2	bc	31	75	7	5	-	-	4.6	4.6	1500	2	*	s-rs	bc	bc	bc	cxm	cm	f-3								
	Lympe	1021.2	+2	NE	2	bc	34	75	8	1	-	-	2.3	2.3	4000	1021.4	+2	N	2	bc	31	75	7	5	-	-	4.6	4.6	4000	6	*	cvps	bc	bc	bc	bc	bc	bc	bc							
2	Shoeburyness	1021.4	+4	NNE	2	bc	36	75	7	4	7	1	4.6	4.6	4000	1021.7	0	N	1	b	30	75	7	-	-	-	0	0	-	4	*	cm	bc	bc	bc	bc	bc	bc	bc							
	Felixstowe	1021.4	-2	WNW	1	c	37	65	7	5	-	-	4.6	7.8	4000	1021.3	0	WNW	2	30	31	75	6	-	-	-	0	0	-	6	1	c	bc	bc	bc	bc	bc	bc	bc							
	Gorleston	1021.2	-2	NE	3	bc	39	55	7	4	4	2	2.3	4.6	2500	1021.8	+4	WNW	2	bc	35	65	6	5	-	-	2.3	2.3	2500	0	2	c	bc	bc	bc	bc	bc	bc	bc							
	Cranwell	1022.3	-2	WS	1	ni/d	36	95	4	5	-	-	10	10	4000	1022.5	+6	W	1	m	35	95	4	5	-	-	10	10	2500	1	*	cm	ido	mid	cm	cm	cm	cm								
3	Birmingham	1022.5	+2	-	0	fg	36	95	2	5	-	-	10	10	450	1021.9	+2	-	0	f	37	95	3	5	-	-	10	10	800	1	*	oid	f	of	of	of	of	of								
	Upper Heyford	1022.5	-2	NE	1	30	37	75	6	5	-	-	9+	9+	2500	1022.7	+2	-	0	cf	34	95	3	5	-	-	10	10	2500	1	*	cm	cm	cf	fe	fe	fe	fe								
4	Ross-on-Wye	1022.2	0	ESE	1	of	36	95	2	5	-	-	10	10	220	1022.3	0	-	0	of	36	95	2	5	-	-	10	10	220	1	*	off	off	FFe	FFe	FFe	FFe	FFe								
5	Portland Bill	1021.4	+6	NE	3	c	39	75	7	4	4	-	7.8	10	2500	1021.7	+4	NE	3	c	36	85	7	4	-	-	7.8	7.8	2500	0	3	cc	cm	cm	cm	cm	cm	cm								
	Plymouth	1021.8	+2	E	3	30	41	85	6	5	-	-	9+	9+	1500	1021.8	+4	NE	2	30	41	85	5	5	-	-	10	10	1500	0	0	cm	cm	cm	cm	cm	cm	cm								
	The Lizard	1021.8	0	N'E	2	c	44	75	7	5	-	-	9+	9+	2500	1022.2	0	ENE	2	bc	40	95	7	7	-	-	2.3	2.3	2500	1	2	c	bc	bc	bc	bc	bc	bc								
	Gilly (St. Mary's)	1021.9	-4	NE	5	c	48	15	7	8	-	-	7.8	7.8	4000	1022.4	+2	NE	3	bc	45	75	7	8	-	-	4.6	4.6	4000	1	2	c	bc	bc	bc	bc	bc	bc								
	Guernsey	1020.1	+6	NE	4	bc	41	55	8	8	-	-	4.6	4.6	2500	1020.5	+4	NE	4	bc	39	65	7	8	-	-	4.6	4.6	2500	0	4	c	bc	bc	bc	bc	bc	bc								
6	Pembroke	1022.4	+12	NNE	1	c	45	95	9	7	-	-	7.8	7.8	4000	1022.1	-2	NNE	1	c	44	85	7	5	2	-	-	7.8	10	2500	0	1	cvc	cvc	cm	wc	cm	cm								
7	Holyhead	1021.9	-2	SW	1	id	46	95	9	5	-	-	7.8	7.8	2500	1022.0	+4	-	0	id	45	95	6	5	-	-	10	10	1500	1	0	cir	c	cid	cm	id	cm									
	Chester (Sealand)	1022.7	0	WNW	2	30	40	95	5	5	-	-	9+	9+	2500	1022.6	+6	-	0	c/r	39	95	5	5	-	-	7.8	7.8	1500	1	*	bc	cf	cm	ir	od	cm									
8	L'pool (Bidston)	1022.4	0	-	0	c	39	95	5	5	-	-	9+	9+	2500	1022.4	+2	-	0	ir	40	95	6	5	-	-	10	10	1500	1	*	b	cf	cm	ir	r	of									
	Manchester	1022.5	0	-	-	F	34	95	1	5	-	-	10	10	<150	1022.3	+4	-	0	F	33	95	1	5	-	-	10	10	<150	1	*	of	fe	of	fe	of	fe	of								
9	Harrogate	1021.6	+6	SW	1	c	41	85	5	5	-	-	9+	9+	2500	1021.8	0	SW	1	b	37	95	5	5	-	-	Tr.	Tr.	2500	1	*	c	cb	cir	cir	cir	cir									
10	Spurn Head	1021.6	+2	WNW	2	c	39	95	6	5	2	-	4.6	9+	2500	1021.4	-2	W	2	cm/f	39	95	4	5	-	-	10	10	<150	1	2	id	c	cid	f	ffd	f									
	Catterick	1021.5	-4	-	0	c	39	95	6	5	-	-	9+	9+	4000	1022.0	+8	-	0	cf	36	95	3	5	-	-	9+	9+	4000	1	*	bc	cm	cm	f	cf	bc									
	Tynemouth	1020.9	0	W	2	c	41	85	5	4	-	-	7.8	7.8	4000	1020.6	+6	W	2	c	41	95	6	6	-	-	7.8	7.8	1500	1	1	bc	cm	cm	cm	cm	cm	cm								
11	Inchkeith	1021.3	-4	W	1	of	39	95	4	5	-	-	10	10	800	1022.2	+4	SW	1	F	35	95	1	5	-	-	10	10	220	0	1	cf	cf	cf	cf	cf	cf									
	Leuchars	1020.9	-4	SW	2	c	39	85	6	5	-	-	8	7.8	9	4000	1021.6	+6	W	1	bc	33	95	6	-	-	1	0	2.3	-	1	*	bc	cm	cm	cm	cm	cm								
12	Renfrew (Abbott)	1021.7	-2	WNW	1	F	37	95	1	5	-	-	10	10	<150	1022.2	+4	-	0	F	37	95	1	5	-	-	10	10	<150	1	*	ff	f	ff	f	ff	f									
	Esksdalemuir	1021.6	-4	-	0	o	34	95	5	5	-	-	10	10	<150	1022.3	+4	-	0	id	35	95	4	5	-	-	10	10	220	1	*	exp	exp	exp	exp	exp	exp									
13	Tiree	1022.0	+2	-	0	c	46	85	8	5	-	-	9+	9+	2500	1021.7	0	-	0	c	41	95	8	5	7	-	-	4.6	7.8	2500	1	3	bc	id	c	bc	id	cm								
14	Stornoway	1019.7	0	SW	3	c	45	85	8	5	7	-	9	10	1500	1019.6	-2	SSW	3	c	45	85	8	5	2	-	-	9	10	1500	1	1	bc	c	c	c	c	c								
15	Dalwhinnie	1022.6	+2	NW	1	bc	36	95	8	4	-	-	2.3	2.3	2500	1021.4	+2	NW	1	b	28	95	8	-	-	-	0	0	-	8	*	bc	bc	bc	bc	bc	bc									

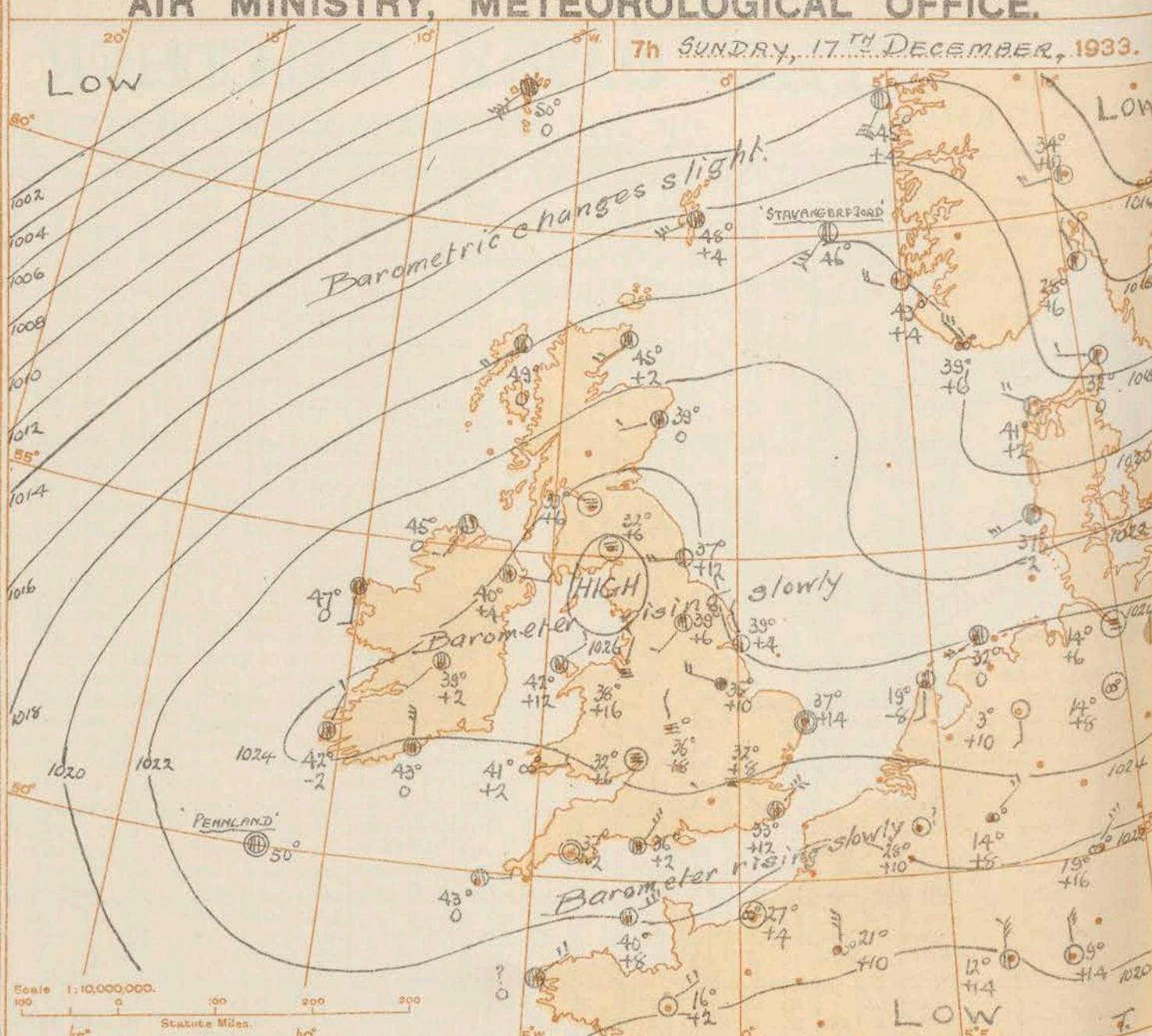
REPORTS from HEALTH RESORTS for 16th December 1933.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th SUNDAY, 17th DECEMBER, 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 16h.	Max. 9h. to 17h.	Night. 17h. to 9h.	Day. 9h. to 17h.	
1	Tunbridge W.	cbe	bc	30	36	Trace	-	2.4
	Bournemouth	o	o	32	39	-	-	0.0
	Ventnor	xccb	b bz	33	42	-	-	6.0
	Southsea	b	b bm	32	39	-	-	4.6
	Bognor Regis	bc	bc	30	38	-	-	5.2
	Littlehampton	bc	bc	27	40	-	-	5.6
	Worthing	cbeb	bbo	29	38	-	-	4.8
	Brighton	cbeb	b	31	38	Trace	-	3.8
	Eastbourne	c	cbeb	31	37	1	-	1.6
	Hastings	cbe	cbe	30	35	1	-	1.9
2	Folkestone	xsc	bc	32	36	3	-	2.2
	Dover	cs	c	33	37	3	Trace	0.0
	Deal	ois	ois	33	38	3	Trace	0.0
	Ramsgate	c	cbe	33	39	1	-	1.1
	Margate	c	bc	35	38	0.6	-	1.6
	Southend	cfb	cbeb	30	36	0.5	-	4.2
	Maldon	xcb	b	27	37	Trace	-	5.3
	Clacton-on-Sea	cpsbc	bc	32	36	0.2	-	2.5
	Dovercourt	s-bc	bc	31	40	1	-	3.9
	Lowestoft	bc	b	34	40	0.1	-	4.3
3	Skegness	o	o	35	40	-	-	0.1
	Mablethorpe	cbe	cbe	34	40	-	Trace	2.1
	Cleethorpe	ofers	o	36	40	0.1	Trace	0.0
	Leamington S.	o	o	35	38	1	-	0.0
	Cheltenham	ofers	ofers	33	36	0.5	0.5	0.0
	Bath	mc	cm	35	38	Trace	-	0.0
	Weymouth	mc	c	33	40	-	-	0.2
	Jersey	rcb	bcc	32	39	0.4	Trace	0.7
	Torquay	cm	om	37	41	-	-	0.0
	Penzance	cbe	eb	39	48	0.3	-	0.8
4	St. Ives	c	c	43	46	0.5	-	0.3
	Bude	cbeb	bbe	28	44	Trace	-	2.2
	Ilfracombe	cbeb	bcc	40	45	-	-	1.7
	Aberystwyth	prbc	c	34	44	0.3	-	2.1
	Llandudno	co	orom	38	44	0.5	Trace	0.0
	Colwyn Bay	obcc	cpc	37	45	0.3	0.3	0.0
	Rhyl	cfc	cmm	32	42	0.2	Trace	0.0
	Wallassey	bcc	cp	32	40	-	0.3	0.0
	Southport	fcf	fof	28	37	-	?	0.0
	Blackpool	om	ome	29	38	0.1	0.2	0.0
5	Morecambe	xcmc	co	31	38	-	-	0.0
	Ilkley	c	c	30	37	Trace	-	0.0
	Berwick-on-T.	orc	co	32	40	Trace	Trace	0.3
	Dunbar	cgm	cem	33	42	Trace	-	0.0
	Troon	cxsf	FFE	32	44	-	-	0.1
	Douglas	xcbcc	idmc	38	47	-	0.3	0.0

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th Dec. 1933.
1. S.E. England	Light east or northeast wind; mainly cloudy; fog widespread especially at night and in early morning. Rather cold; frost locally at night.
2. E. England...	
3. E. Midlands	Light variable wind; cloudy; widespread fog; rather cold; frost locally at night.
4. W. Midlands	
5. S.W. England	Light east or variable wind; cloudy, some brighter intervals; rather cold; local fog.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	As 2 - 4.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A.W. Scotl. B.N.W. Scotl. land.	Moderate south or southwest wind, cloudy, occasional slight rain or drizzle; mild.
14. Mid. Scotland	As 2 - 4.
15. N.E. Scotland	
16. Orkneys and Shetlands.	As 13.
17. N.W. Ireland	
18. N.E. Ireland	Light variable wind, cloudy, some brighter intervals; rather cold; local fog.
19. S.E. Ireland	
20. S.W. Ireland	As 13.

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 1/4 clouded. — Sky 1/4 to 1/2 clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail. — Fog. — Mist. T Thunder. T Thunderstorm. — Slight haze.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone covers the British Isles and Germany, while depressions are centred some 800 miles west of Ireland, to the north of Iceland and over Greenland. Weather will be unsettled in the extreme Northwest, but quiet elsewhere with widespread fog.

FURTHER OUTLOOK.

Similar conditions.

Forecasts issued at 1200 G.M.T.

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

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

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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 17th December 1933.

No. 26,323

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 17th December														OBSERVATIONS at 7 hr. G.M.T. 17th December														PAST 24 HOURS.														
		Height above M.S.L. in feet.	Barom. at station.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at station.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs.								
					Direc.	Force.					0-12	Form.	Amount.	Height of Base (feet).	Direc.			Force.	0-12					Form.	Amount.	Height of Base (feet).	0-9	Max. Day 7h-18h of.			Min. Night 18h-7h of.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.										
																																			Low.		Med.	High.	Low.	Total 0-10	Low.	Total 0-10	Low.	Total 0-10
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1024.2	+10	N	1	m	34	95	4	5	-	-	9+	9+	2500	4	*	38	31	17	-	-	0.7									
	Croydon ...	217	1023.0	+2	-	0	f	31	85	2	5	-	-	10	10	1023.8	+8	W	1	f	32	95	3	5	-	-	10	10	<150	4	*	36	26	23	-	-	1.8							
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1024.2	+10	N	1	m	32	95	4	5	-	-	9+	9+	4000	4	*	39	27	18	-	-	1.2									
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1024.0	+8	NNW	2	f	33	95	2	5	-	-	10	10	<150	0	*	38	28	23	-	-	0.1									
	Calshot (S' thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	1023.8	+4	N	2	3	33	95	5	5	3	-	2.3	9	4000	0	0	39	29	19	-	-	2.7									
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	NNW	2	m	*	*	*	4	8	-	*	7.8	7.8	1500	*	1	37	24	*	6	-	2.7								
	Lympne ...	346	1022.5	+2	ESE	1	c	31	85	7	5	-	-	9+	9+	1023.4	+12	NE'E	4	c	33	95	1	5	-	-	9+	9+	1500	6	*	35	24	20	Tr.	-	2.7							
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1023.5	+14	N	1	c	33	95	6	5	-	-	9	9	4000	4	*	36	26	17	-	-	3.2									
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1023.9	+10	E	2	c	36	95	7	5	2	-	7.8	10	2500	6	2	37	28	24	-	-	3.5									
	Gorleston ...	5	1022.3	+4	NW	2	c	36	85	6	5	-	-	9+	9+	1024.2	+14	-	0	c	37	85	6	5	-	-	10	10	1500	0	1	39	31	30	-	-	2.6							
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1024.3	+10	WNW	2	rf	36	95	1	5	-	-	10	10	<150	1	*	37	32	32	Tr.	0.2	0.0									
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1025.1	+8	N	1	m	36	95	4	5	-	-	10	10	1500	1	*	38	32	24	Tr.	-	0.0									
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1025.0	+10	N	1	f	33	95	2	5	-	-	10	10	<150	1	*	37	33	30	-	-	*									
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1024.7	+6	-	0	of	32	95	2	5	-	-	10	10	<150	1	*	37	31	31	0.2	0.1	0.0									
5	Portland Bill ...	32	1022.6	0	NE	3	c	38	95	7	5	-	-	10	10	1022.7	+2	NE	3	c	36	95	6	5	-	-	10	10	1500	0	3	37	34	*	-	*								
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1023.6	+2	-	0	b	37	95	6	-	-	-	0	0	-	0	0	42	36	29	-	-	0.0									
	The Lizard ...	240	1023.1	+2	NE	2	0	40	95	7	5	-	-	10	10	1023.2	+2	NE	2	bc	39	95	7	2	-	-	2.3	2.3	4000	0	2	44	38	*	-	*								
	Scilly (St. Mary's) ...	163	1023.4	+2	ESE	2	c	43	95	7	5	-	-	10	10	1022.2	+3	E	1	c	43	85	7	5	-	-	7.8	7.8	4000	1	2	48	42	*	2	-	1.1							
	Guernsey ...	175	1021.3	+4	NE	3	bc	39	65	6	8	-	-	4.6	4.6	1022.2	+3	NE'E	3	c	40	75	6	8	-	-	10	10	2500	0	3	41	39	31	-	-	2.4							
6	Pembroke ...	142	1022.7	+8	E	1	m	41	95	4	5	-	-	7.8	7.8	1023.2	+2	E	1	3	41	95	6	5	-	-	9+	9+	2500	0	1	46	40	*	-	0.0								
7	Holyhead ...	26	1023.2	+4	NE	2	c	45	95	7	5	-	-	9+	9+	1024.6	+12	NE	1	c	42	95	7	5	-	-	10	10	2500	1	0	47	39	35	0.3	0.1	0.0							
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	1025.5	+16	NNE	1	f	38	95	2	5	-	-	10	10	<150	1	*	41	37	35	0.1	Tr.	0.0									
8	L'pool (Bidston) ...	193	*	*	*	*	*	*	*	*	*	*	*	1025.6	-4	-	0	f	36	95	2	5	-	-	10	10	<150	0	*	40	36	35	0.1	Tr.	0.0									
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1025.2	+10	-	0	F	33	95	1	5	-	-	10	10	<150	1	*	35	30	27	Tr.	Tr.	*									
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1025.0	+6	SW	1	c	39	95	5	5	2	-	9+	10	2500	1	*	42	36	29	-	Tr.	0.3									
10	Spurn Head ...	29	1021.7	0	NW	4	df	39	95	3	5	-	-	10	10	1023.6	+4	NW	1	bc	39	95	6	5	7	-	2.3	4.6	2500	1	1	39	38	*	0.1	0.3	0.0							
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1025.3	+14	WNW	1	c	36	95	6	5	-	-	10	10	1500	1	*	40	33	27	-	-	0.0									
	Tynemouth ...	109	1022.8	+4	W	2	bc	41	95	6	5	-	-	2.3	2.3	1024.4	+12	W	2	bc	37	95	6	5	-	-	4.6	4.6	800	1	1	42	37	33	-	-	*							
11	Inchkeith ...	190	1024.3	+4	WNW	2	f	33	95	1	5	-	-	10	10	1025.1	0	WSW	1	F	32	95	1	5	-	-	10	10	220	1	1	39	31	31	-	Tr.	0.0							
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1024.2	+2	NW	1	b	29	95	7	-	-	1	0	1	-	4	*	41	28	20	0.1	-	0.3									
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	1025.0	+6	-	0	f	33	95	2	5	-	-	10	10	<150	1	*	38	32	32	Tr.	0.3	0.0									
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1026.3	+6	-	0	bc	22	95	3	5	-	-	2.3	2.3	220	4	*	36	21	17	0.2	-	0.5									
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1022.2	0	SW'S	3	c	47	95	8	5	-	-	10	10	2500	1	2	46	41	37	0.2	Tr.	0.0									
13b	Stornoway ...	34	1019.9	+2	SW	3	c	49	95	7	5	2	-	7.8	10	1019.9	0	SW	2	c	49	85	8	8	6	-	4.6	10	1500	1	1	46	45	*	-	Tr.	0.5							
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1024.1	+4	-	0	bc	35	95	8	4	-	-	2.3	2.3	2500	6	*	38	25	22	-	-	1.4									
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	1022.8	0	W	1	c	39	85	6	5	-	-	9+																			

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday, 18th December 1933.
No. 76,324.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 17 th December.														OBSERVATIONS at 18h. G.M.T. 17 th December.														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-10	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.					
				Direc.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base (feet).	Form.					Amount.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).			Th.-18h. 17 th	18h.-18h. 17 th	18h. 17 th to 18 th	1h.-7h. 18 th		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)		
(For heights see p. 4.)																																			
1	London (Kew)...	1025.3	0	N E	1	f	37	85	2	5	-	-	10	10	<150	1026.9	+10	ENE	3	C	38	75	6	5	-	-	9+	9+	1500	1	*	bcm of	cfm	cm, bc	bcm.
	Croydon	1025.3	+2	E	1	of	36	95	3	5	-	-	10	10	1500	1026.4	+10	ENE	3	30	35	85	5	5	-	-	10	10	1500	4	*	cofm	cfm	cbm, x	bcm.
	S. Farnborough	1025.3	0	N	1	of	35	95	3	5	-	-	10	10	800	1026.5	+6	NNE	2	m	36	85	4	5	-	-	9+	9+	800	1	*	cmfcm	offcm	cmom, x	com, x
	Boscombe Down	1024.5	+2	-	0	m	35	95	4	5	-	-	10	10	220	1026.1	+6	NNE	1	C	33	95	6	5	-	-	10	10	800	0	1	offm	ommc	bcc	c
	Calshot, S'thmtn	1024.7	-2	NNE	2	30	40	85	5	5	-	-	9+	9+	2500	1026.0	+12	NE'N	3	m	37	85	4	5	-	-	10	10	1500	0	1	cm, bcm	cdmc	cmcm	bcm, x
	Dungeness	1025.0	-2	E	3	b	30	75	6	-	-	0	0	-	1026.3	+6	N	2	b	28	75	7	4	-	-	Tr	Tr	2500	0	2	omb	bzo	bx	bx	
	Lympne	1025.0	-2	E'N	2	b	30	75	6	-	-	0	0	-	1026.3	+6	NNE	3	b	28	75	7	6	-	-	0	0	-	6	2	omb	bzo	bx	bx	
2	Shoeburyness	1025.3	-4	ENE	2	C	35	85	7	5	-	-	9	9	2500	1026.7	+6	NE	1	C	34	95	7	5	-	-	9	9	2500	1	*	C	C	cbc	bcx, x
	Felixstowe	1025.5	-6	E	1	C	37	85	7	5	-	-	10	10	1500	1026.8	+10	NE'E	1	30	36	85	6	5	-	-	10	10	1500	0	1	C	cm	bzo	bc, bcm, x
	Gorleston	1026.1	-4	S'E	2	C	38	85	6	5	-	-	10	10	2500	1026.5	+8	SSE	1	C	38	85	7	5	-	-	10	10	2500	0	2	czc	C	c	c
	Cranwell	1026.0	-2	NW	1	F	37	95	1	5	-	-	10	10	<150	1026.9	+10	-	0	F	38	95	1	5	-	-	10	10	<150	1	*	prof	of, f	ofcm	cm
3	Birmingham	1025.7	-4	N E	2	m	39	95	4	5	-	-	10	10	800	1026.8	+8	SSE	1	of	38	95	3	5	-	-	10	10	800	1	*	omfm	of	ofm	mo
	Upper Heyford	1025.3	-2	-	0	F	36	95	1	5	-	-	10	10	<150	1027.3	+10	-	0	F	35	95	1	5	-	-	10	10	<150	1	*	fe, f	Fe	Fe	Feom
4	Ross-on-Wye	1025.2	-4	NW	1	of	36	95	2	5	-	-	10	10	450	1026.6	+10	N	1	of	36	95	1	5	-	-	10	10	<150	1	*	fe, f	of Fe	Fe, f	ofcm
5	Portland Bill	1025.8	+10	NE	4	b	41	85	7	-	-	0	0	-	1025.0	+16	ENE	4	0	39	95	6	5	-	-	10	10	1500	0	3	czc	bczo	acbc, zo	bczo	
	Plymouth	1024.1	-8	SSE	1	30	44	75	6	1	3	-	2-3	2-3	2500	1025.4	+10	ENE	2	30	38	85	6	5	-	-	2-3	2-3	2500	1	1	bef, bzo	bbzo	bcm, x	bcm, x
	The Lizard	1024.2	-6	ENE	2	bc	45	75	8	7	4	-	2-3	2-3	4000	1025.2	+4	E'N	3	C	43	85	8	4	-	-	10	10	2500	0	2	bc	bcc	bc	bc
	Scilly (St. Mary's)	1024.1	-4	SSE	1	bc	51	65	7	2	4	-	1	2-3	4000	1024.8	+4	E	3	bc	43	75	7	2	4	-	2-3	2-3	4000	1	1	cbc	bc	bc	bc
	Guernsey	1022.4	-8	NE	6	bc	44	65	7	8	-	-	4-6	4-6	2500	1025.6	+20	NE	5	bc	39	65	7	1	-	-	2-3	2-3	2500	0	4	cbc	bc	bc	bc
6	Pembroke	1025.2	+8	SE	1	bc	45	85	5	4	1	-	2-3	4-6	2500	1025.6	+10	ESE	1	30	39	95	6	5	-	-	1	1	5700	1	1	cm, bc	bc, m	bcm, c	cbcm
7	Holyhead	1025.0	-2	S'E	1	bc	46	85	6	5	-	-	2-3	2-3	4000	1025.5	+6	SE	1	bc	40	95	6	5	-	-	2-3	2-3	4000	1	0	cbcm	bc, m	bcm, m	cbcm
	Chester (Sealand)	1026.2	-4	SSE	1	dF	37	95	1	5	-	-	10	10	<150	1027.1	+10	SE's	2	dF	33	95	1	5	-	-	10	10	<150	1	*	cf, f	dF	dF	fbc, f
8	L'pool (Bidston)	1025.8	0	-	0	m	39	95	4	-	-	-	0	0	-	1027.0	+4	SE	2	F	32	95	0	5	-	-	10	10	<150	1	*	F, f	bf, f	of	of, f
	Manchester	1025.9	-6	-	-	bf	37	95	2	-	-	-	0	0	-	1026.8	+8	-	-	29	95	0	5	-	-	10	10	<150	4	*	of, f	bf, f	of, f	of, f	
9	Harrogate	1025.7	0	SW	1	b	43	85	6	5	-	-	Tr	Tr	2500	1026.5	+6	-	0	bf	35	95	3	-	-	0	0	-	1	*	cb	bf	bf	of, x	
10	Spurn Head	1024.1	0	NW	2	bcf	42	95	4	5	3	8	2-3	4-6	800	1026.1	+2	N	1	bc	40	95	6	5	1	-	2-3	4-6	1500	0	1	bcf	bzo	bf	Pid, f
	Catterick	1025.7	-4	-	0	b	42	95	6	5	-	-	1	1	4000	1026.5	+6	-	0	m	32	95	4	-	-	0	0	-	1	*	cm, bc	bzo	bmo, f	off, b	
	Tynemouth	1026.5	+4	SW	2	of	38	95	3	6	-	-	10	10	1500	1025.8	6	W	2	bcf	40	85	3	5	-	-	2-3	2-3	1500	1	1	bc, f	bc, f	bc, f	bc, f
11	Inchkeith	1025.2	+2	SW	2	cf	37	95	3	5	3	-	7-8	7-8	800	1025.0	0	SW	2	m	39	95	4	5	-	-	4-6	4-6	1500	1	1	off	off	3, bc	bcc
	Leuchars	1023.7	-10	SW	2	bc	39	85	6	5	4	6	1	4-6	2500	1024.2	+2	W	1	C	38	95	5	5	-	-	10	10	4000	1	*	b, bc	bc, m	ac, bc, m	bc, m
12	Renfrew (Abbott)	1025.3	-6	-	0	of	36	95	2	5	-	-	10	10	4000	1025.3	0	E	1	F	37	95	1	5	-	-	10	10	<150	1	*	ff	ff	Fbm	bcm, m
	Eskdalemuir	1026.4	-2	-	0	C	30	85	6	5	-	-	9+	9+	<150	1026.7	0	-	0	bf	25	95	3	-	-	0	0	-	4	*	bf, bc	cf, bc, f	cf, bc, m	om, d, f	
13a	Tires	1022.8	-30	S	3	C	48	95	7	5	-	-	10	10	2500	1021.8	-4	SSW	5	C	46	85	7	5	-	-	10	10	2500	1	3	C	C	C	C
13b	Stornoway	1019.6	-8	SW	4	c/pr	47	95	8	8	7	-	4-6	9	1500	1018.4	-14	SW	5	C	47	85	8	8	7	-	7-8	9	1500	1	2	cpr	cpr	cpr, q	ap, q
15	Dalwhinnie	1023.8	-6	NW	3	C	38	95	8	4	2	-	4-6	9	800	1023.7	+2	NW	1	C	39	95	8	4	-	-	10	10	1500	6	*	C	C	C	C
	Aberdeen	1023.0	-6	NW'N	2	C	43	95	6	5	-	-	9+	9+	2500	1023.5	+2	SW's	1	C	45	75	6	5	-	-	9+	9+	2500	1	1	cf, m	cm, q	cb, bc, zo	bz, x
	Wick	1021.3	0	SW	2	C	47	85	8	5	2	-	7-8	9	1500	1021.3	-6	WSW	2	C	45	95	8	8	2	-	7-8	9+	1500	1	2	C	C	C	C
16	Lerwick	1018.6	-4	WSW	4	C	49	85	7	5	2	-	7-8	10	1500	1018.4	+4	WSW	5	C	47	85	7	8	2	-	9	10	800	0	*	C	C	C	C
17	Blacksod Point	1023.2	-4																																

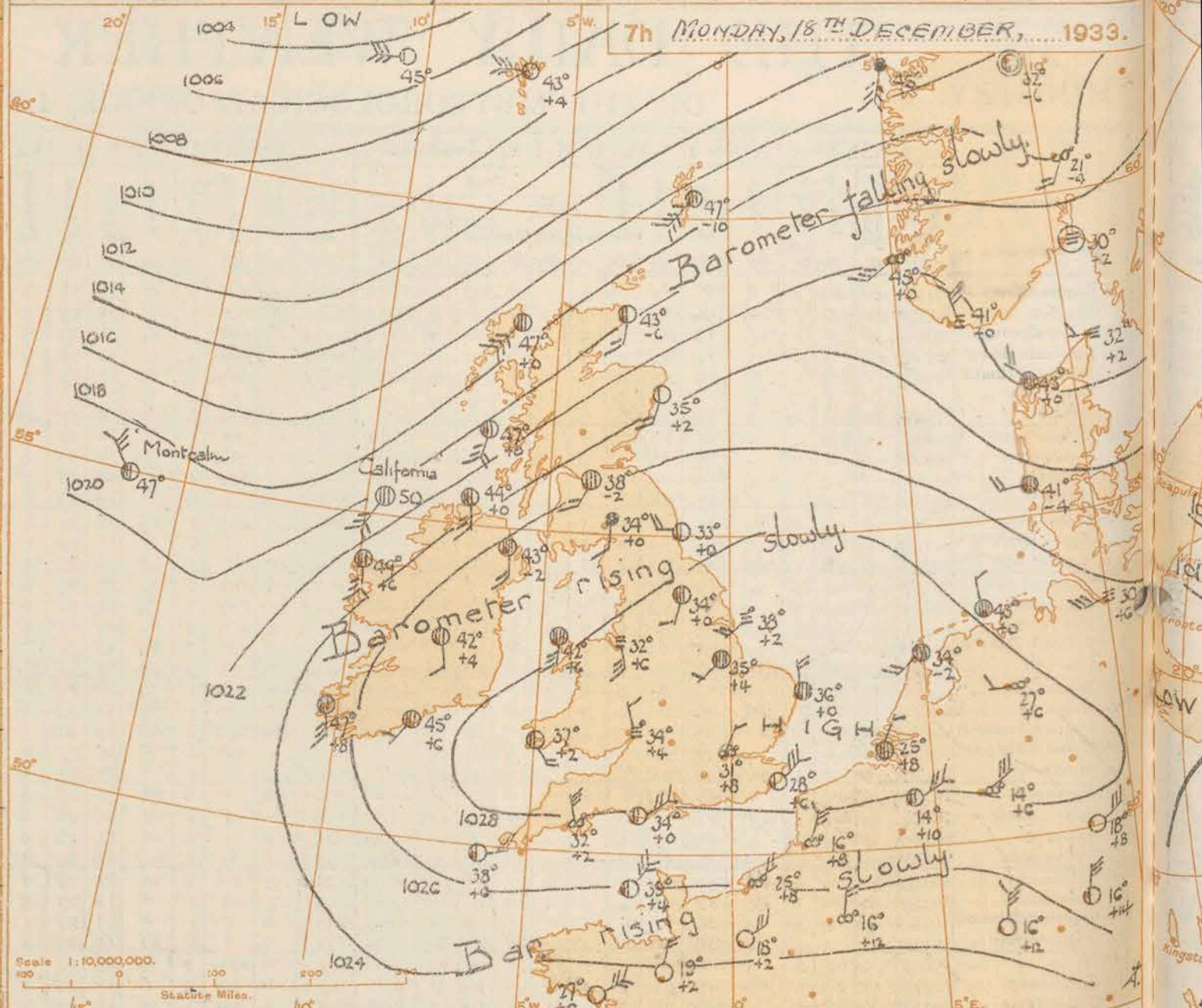
REPORTS from HEALTH RESORTS for 17th DECEMBER, 1933.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Fore-noon.	After-noon.	Min. 9h. 16h. to 9h. 17h.	Max. 9h. 17h. to 9h. 17h.	Night. 17h. 16h. to 9h. 17h.	Day. 9h. 17h. to 9h. 17h.	
1 Tunbridge W.	cbe	co	19	36	-	-	0.6
Bournemouth	mb	cm	32	39	-	-	1.2
Ventnor	xbzb	bcz	34	42	-	-	3.2
Southsea	bbm	bcc	29	42	-	-	1.0
Bognor Regis	cbcc	c	29	39	-	-	1.5
Littlehampton	bcc	cbe	25	39	-	-	0.3
Worthing	c	c	28	38	-	-	0.6
Brighton	fcbe	bc	28	37	-	-	0.3
Eastbourne	oc	cbcb	27	34	-	-	3.9
Hastings	ocbe	bcb	29	33	-	-	3.7
Folkestone	xbcb	b	30	36	-	-	4.9
Dover	bcb	b	30	35	-	-	6.0
Deal	cbcb	b	32	34	-	-	5.4
Ramsgate	bcb	b	30	37	-	-	5.8
Margate	cbe	bc	32	34	-	-	5.0
2 Southend	oco	omo	30	35	-	-	0.0
Maldon	o	o	26	36	-	-	0.0
Clacton-on-Sea	c	co	31	36	-	-	0.0
Dovercourt	oc	oc	28	38	-	-	0.0
Lowestoft	c	c	28	38	-	-	0.0
Skegness	om	om	33	42	Tr	Tr	0.2
Mablethorpe	wbec	bcmf	32	45	-	-	3.5
Cleethorpe	fec	bccc	39	43	0.2	-	2.5
3 Leamington S.	of	of	33	37	1	-	0.0
4 Cheltenham	ofe	ofe	32	36	Tr	Tr	0.0
5 Bath	fc	fc	34	37	-	-	0.0
Weymouth	cb	bc	33	41	-	-	3.0
Jersey	bczbc	bcb	31	43	-	-	5.7
Torquay	xmbw	bemo	33	42	-	-	2.2
Penzance	wb	b	35	49	-	-	6.0
St. Ives	b	b	39	46	-	-	5.6
Bude	xmb	bm	29	44	-	-	4.0
Ilfracombe	bc	bcc	33	43	-	-	1.9
6 Aberystwyth	crbc	bc	36	46	Tr	-	5.1
7 Llandudno	mcbe	bzm	38	47	1	-	3.1
Colwyn Bay	ffc	bc	38	46	1	-	3.8
Rhyl	fcbe	bcbm	31	46	1	-	3.7
8 Wallasey	fcbe	bcf	35	40	-	-	0.9
Southport	fcf	fcf	31	37	-	-	0.0
Blackpool	omc	cm	33	40	-	-	1.2
Morecambe	mcbe	ebbc	32	39	Tr	-	3.0
9 Ilkley	c	c	31	43	-	-	0.4
Berwick-on-T.	bbe	bc	28	37	-	-	3.7
11 Dunbar	bca	bca	29	41	-	-	4.1
12 Troon	fec	cbe	33	45	-	-	0.0
Douglas	xcof	cbcm	33	42	Tr	Tr	0.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th MONDAY, 18th DECEMBER, 1933.



BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. **TEMPERATURE** is given in degrees F.
WEATHER SYMBOLS: — Clear sky. ☁ Sky less than $\frac{1}{2}$ clouded. ☁ Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. ☁ Sky $\frac{3}{4}$ to $\frac{5}{8}$ clouded. ☁ Overcast sky. ☁ Rain falling. * Snow. * Sleet. * Hail.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone covers England, the Netherlands and West Germany. A slight trough of low pressure will move east across Scotland and fill up. A deep depression on the Atlantic will move east or northeast. Weather will be quiet and rather cold today over most of England and Wales, with mild and, except for local rain in Scotland and North Ireland, dry. After today, more generally disturbed conditions are probable in the West, and may extend to most other areas.

FURTHER OUTLOOK.

Milder over most of England. Probably stormy in western districts of British Isles.

Time of Issue of Gale Warning.

† South Cone at 1920 on 17th in district 16.

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

Forecasts issued at 1015 G.M.T.

DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th Dec. 1933.

1. S.E. England	Wind northeast or variable, light; cloudy, or variable sky; local fog; rather cold, night frost.
2. E. England...	Wind variable, light; cloudy or variable sky; local fog; rather cold, night frost.
3. E. Midlands	Wind variable, light; cloudy or variable sky; local fog; rather cold, night frost.
4. W. Midlands	Wind easterly to southerly, light, freshening later; fair; local mist; becoming milder.
5. S.W. England	Wind southerly, light, freshening; mainly cloudy; local mist or fog at first; becoming milder.
6. South Wales	Wind southwest, light or moderate; variable or cloudy sky; local fog or mist; becoming milder.
7. North Wales	Wind southwest, moderate, backing, increasing later; cloudy, occasional local rain; moderate temperature or mild.
8. N.W. England	Wind southwest or south, moderate or fresh; cloudy or variable sky, perhaps local occasional rain; milder.
9. N. Midlands	Wind southwesterly, strong at first; cloudy, occasional rain; mild, or moderate temperature.
10. N.E. England	Wind mainly southerly, moderate or fresh, probably increasing to gale later locally; cloudy, occasional local rain at first, probably more general rain later; moderate temperature.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotl. B. N.W. Scot- land	
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	

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 18th December 1933.

No. 26,324

OBSERVATIONS at 1 hr. G.M.T. 18 th December															OBSERVATIONS at 7 hr. G.M.T. 18 th December															PAST 24 HOURS.									
STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humid.	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humid.	Visibility.	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE.								
				Dir.	Force.					Low.	Med.	High.			Low.	Total.					Dir.	Force.	Low.			Total.	Max. Day 7h-12h of (31).	Min. Night 12h-7h of (32).	Min. on Grass of (33).	Day 7h-12h mm. (34).		Night 12h-7h mm. (35).							
																																	Form.	Amount.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).	
1 London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1025.5	+4	N.E.	1	bc	34	85	6	7	-	-	4-6	4-6	2500	4	*	38	33	25	-	-	0.0					
Croydon	217	1027.9	+4	E	2	0	30	85	6	-	-	-	1029.1	+5	N.E.	1	z.	31	85	6	5	-	-	9+	9+	1500	4	*	37	28	22	-	-	0.0					
S. Farborough	237	*	*	*	*	*	*	*	*	*	*	*	1025.3	+2	N.E.	2	0	34	85	6	5	-	-	10	10	1500	1	*	37	28	21	-	-	1.0					
Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1029.1	+5	N.E.	2	0	33	95	8	5	-	-	9+	9+	1500	0	*	37	30	25	-	-	0.0					
Calshot (St. thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	1025.5	0	NNW	3	0	31	85	6	-	-	0	0	-	1	*	40	29	19	-	-	1.1						
Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	1025.5	0	N.E.	2	bc	*	*	7	4	-	-	2-3	2-3	2500	*	*	32	24	*	-	-	*					
Lympe	346	1027.7	+4	E	3	0	24	75	7	-	-	-	1028.5	+6	N.E.	4	bc	28	85	7	4	-	-	Tr	Tr	1500	6	*	34	21	16	-	-	5.3					
2 Shoaburyness	11	*	*	*	*	*	*	*	*	*	*	*	1025.0	+6	-	0	32	85	7	5	-	-	9+	9+	2500	4	*	36	25	17	-	-	0.0						
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1025.3	+12	-	0	31	85	6	5	-	-	4-6	4-6	2500	0	0	37	30	25	-	-	0.0						
Gorleston	5	1023.0	+13	0	1	0	38	85	6	5	-	-	1028.8	0	NNW	7	0	31	85	6	5	-	-	10	10	2500	0	1	32	35	33	-	-	0.0					
Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1025.5	+4	SW	1	0	32	85	5	5	-	-	10	10	450	1	*	38	35	34	0.2	Tr	0.0					
3 Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1025.7	+4	-	0	34	95	7	5	-	-	10	10	1600	1	*	40	23	33	Tr	-	0.0						
Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1030.0	+8	E	1	0	32	95	5	5	-	-	9+	9+	800	1	*	36	32	30	-	-	*					
4 Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1029.1	+4	NW	1	0	34	85	4	5	-	-	10	10	450	1	*	37	34	32	0.1	Tr	0.0					
5 Portland Bill	32	1026.9	+6	E	4	0	34	95	6	5	-	-	1027.8	+10	E	4	bc	34	95	7	4	-	-	2-3	2-3	2500	0	3	42	34	*	-	-	*					
Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1028.2	+2	NNW	3	0	32	85	6	-	-	0	0	-	0	1	45	31	28	-	-	4.8						
The Lizard	240	1026.2	+4	N.E.	3	0	40	75	8	4	-	-	1027.6	+4	N.E.	3	bc	38	75	7	4	-	-	4-6	4-6	2500	0	2	46	36	*	-	-	*					
Scilly (St. Mary's)	163	1026.7	+8	E	3	0	40	85	7	2	-	-	1027.7	+6	E	3	bc	38	85	8	2	-	-	2-3	2-3	4000	0	1	51	38	*	-	-	6.6					
Guernsey	175	1024.3	+6	N.E.	4	0	33	75	8	-	-	-	1026.0	+4	N.E.	5	bc	39	75	8	3	-	-	4-6	4-6	2500	0	4	44	37	30	-	-	3.2					
6 Pembroke	142	1027.9	+12	E	1	0	41	85	5	5	-	-	1028.5	+2	E	2	bc	37	85	7	5	-	-	2-3	4-6	4000	0	1	47	37	*	-	-	5.2					
7 Holyhead	26	1027.0	+10	0	3	0	43	85	6	5	-	-	1027.5	+6	S	3	0	42	85	6	5	-	-	10	10	2500	1	1	47	37	31	-	-	2.2					
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1025.4	+6	SSE	3	0	32	95	2	5	-	-	10	10	450	1	*	39	26	24	0.1	0.1	0.0					
L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	1020.0	+4	SE	3	0	31	95	2	-	-	0	0	-	4	*	40	29	28	0.1	-	3.1						
Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1029.5	+6	*	*	36	95	4	5	-	-	10	10	300	1	*	37	29	24	Tr	Tr	*						
9 Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	1028.8	0	SW	1	0	34	95	5	5	-	-	7-8	10	2500	1	*	43	33	28	-	0.1	2.0					
10 Spurn Head	29	1028.3	+2	NNW	2	f	37	95	3	5	-	-	1028.6	+2	WSW	2	m	38	95	4	5	-	-	10	10	1500	1	1	45	35	*	-	4.8						
Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1028.8	+4	S	1	f	25	95	2	-	-	0	0	-	4	*	43	25	21	-	-	2.2						
Tynemouth	100	1027.0	+2	W	2	bc	33	85	5	5	-	-	1027.1	0	W	2	m	33	85	4	5	-	-	2-3	2-3	1500	5	1	42	31	28	-	-	*					
11 Inchkeith	190	1025.9	+4	WSW	1	bc	36	95	7	5	-	-	1025.4	-4	W	2	c	41	95	7	5	-	-	7-8	7-8	1500	0	1	40	36	30	0.1	-	1.6					
Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	1024.2	-4	WSW	2	bc	37	85	6	5	-	-	4-6	4-6	2500	1	*	41	33	29	0.1	-	3.1					
12 Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	*	1025.7	-2	SW	2	c	38	95	6	5	-	-	4-6	10	1500	1	*	37	32	25	0.1	-	0.0					
Esksdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1026.9	0	S	1	df	34	95	3	5	-	-	10	10	450	1	*	32	23	19	-	0.1	3.3					
13a Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1021.8	0	SSW	5	c	47	75	7	5	-	-	9+	10	2500	0	3	48	45	44	-	-	0.0					
13b Stornoway	34	1018.3	+6	SW	6	c	47	75	7	8	6	-	1017.1	0	SW	6	c/pr	47	95	7	9	6	-	9	10	1500	1	3	49	46	*	0.1	0.1						
15 Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1023.9	+2	SW	3	bc	40	85	8	4	-	-	4-6	4-6	1500	1	*	39	37	32	-	-	0.0					
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	1023.1	+2	SW	2	bc	35	85	6	5	-	-	Tr	Tr	2500	1	1	46	34	30	-	-	0.1					
Wick	81	1020.5	-2	SW	2	c	44	95	8	5	1	-	1019.8	-6	SSW	2	bc	42	95	8	5	4	-	2-3	4-6	2500	1	2	47	37	*	-	*						
16 Lerwick	54	1027.6	-2	SW	6	c	48	85	8	5	2	-	1016.1	-10	SW	7	c	47	85	8	5	2	-	7-8	9+	800	0	*	49	46	*	Tr	0.0						
17 Blacksod Point	18	1022.7	+4	S	5	c	48	75	7	6	-	-	1023.7	+6	S	4	c	49	85	7	8	-	-	7-8															

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday, 19th December 1933.
No. 26,325

DISTANCE.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 18th December														OBSERVATIONS at 18h. G.M.T. 18th December														PAST 24 HOURS.				
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.				
				Dir.	Force					Low.	Med.	High.	Low.	Total			Height of Base. (feet)	Low.					Med.	High.	Low.	Total	Height of Base (feet)			7h.-18h. 18th	18h.-18h. 18th	18h.-19h. 19th	1h.-7h. 19th	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	
(For heights see p. 4.)																																		
1	London (Kew)...	1030.5	0	E	3	bc	39	65	5	-	-	4.6	1031.8	+6	N	1	m	33	85	4	-	-	-	0	0	-	4	*	bcfc3	b3bm	bmxfcm	cm		
	Croydon	1030.1	-8	ENE	3	3	39	75	5	-	-	4.6	1031.6	+6	-	0	m	30	85	4	-	-	-	7.8	7.8	2500	4	*	cmfbcmm	cmfbcmm	cmfbcmm	ffbmox		
	S. Farnborough	1030.4	-4	ENE	2	m	38	75	4	-	-	Tr	1031.9	+6	-	0	f	28	85	3	-	-	-	0	0	-	4	*	obccbcm	bmbccbcm	befx	bfxcfx		
	Boscombe Down	1030.2	-6	NE	2	b	38	75	6	-	-	1	1031.9	+18	NNE	1	b	29	85	5	-	-	-	0	0	-	4	*	cbfc3	bm	bm	om		
	Calshot, S'thmtn	1029.5	-8	NEE	4	b	40	75	7	-	-	Tr	1031.1	+16	NEE	2	b	34	85	6	-	-	-	0	0	-	0	2	bxm	bm	bmox	bmox		
	Dungeness	*	*	ENE	3	bc	*	*	6	5	3	2.3	1031.1	+6	NE	2	c	34	85	7	-	-	-	7.8	7.8	2500	*	1	bc	bcc	camx	f		
	Lympe	1029.8	-4	ENE	3	b	36	65	7	-	-	Tr	1031.1	+6	NE	3	c	34	85	7	-	-	-	9+	9+	2500	6	*	bxc	bxc	camx	cmabx		
2	Shoeburyness	1030.3	-2	NNE	1	c	39	85	7	-	-	9+	1031.6	+4	NW	1	c	35	85	5	7	-	-	7.8	9+	4000	0	*	cm	cm	cbcm	bccxmo		
	Felixstowe	1030.5	-2	W	1	m	38	85	4	3	-	9	1031.6	+4	-	0	m	37	85	4	-	-	-	10	10	4000	0	0	bcmxcpm	c3	czbc	bccx		
	Gorleston	1030.1	-4	NNE	2	m	39	85	4	5	-	10	1031.8	+8	NNW	2	c	39	75	5	-	-	-	10	10	2500	0	1	cm	cm	cmz	cbcx		
	Cranwell	1030.8	0	WSW	2	o	36	85	5	-	-	10	1031.7	+6	SW	1	b	33	85	3	-	-	-	4.6	4.6	2500	1	*	om	om	bccf	bccf		
3	Birmingham	1030.9	+2	SSE	2	bc	36	85	6	1	-	4.6	1032.3	+6	WSW	1	b	33	85	5	-	-	-	0	0	-	1	*	mcb	bcb	bccm	cm		
	Upper Heyford	1030.1	0	E	2	c	37	85	7	1	-	9+	1032.3	+6	NNE	2	3	34	85	6	-	-	-	10	10	1500	0	*	cbcc	bcc	cbcc	cmx		
4	Ross-on-Wye	1030.9	0	E	1	c	36	85	6	-	-	10	1031.9	+6	NW	1	3	33	85	5	-	-	-	7.8	7.8	2500	1	*	om	c	bfcx	cmx		
5	Portland Bill	1029.6	-2	ENE	4	bc	38	85	7	4	-	4.6	1031.0	+10	E	3	b	39	85	7	-	-	-	0	0	-	0	3	bc	bcb	b3	bbcbz		
	Plymouth	1029.8	+2	ES	3	3	37	75	6	7	-	1	1031.2	+12	NE	2	3	33	85	5	-	-	-	0	0	-	0	1	bmm	bmm	bmox	bmm		
	The Lizard	1029.2	0	NE	3	b	40	75	7	4	-	1	1030.9	+6	NNE	3	bc	38	85	7	4	-	-	2.3	2.3	4000	0	2	bcb	bcb	bcb	bcb		
	Scilly (St. Mary's)	1029.3	0	EN	3	3	43	75	6	2	-	Tr	1030.9	+12	ES	2	bc	38	85	5	4	-	-	2.3	2.3	1500	0	1	bcm	bcm	bcb	bcb		
	Guernsey	1027.2	+2	NE	5	b	42	55	9	-	-	0	1028.7	+12	NE	5	b	40	65	7	-	-	-	0	0	-	0	4	bcb	bcb	bcb	oc		
6	Pembroke	1030.3	0	E	2	m	38	85	4	5	2	7.8	1031.9	+8	E	1	3	36	85	5	-	-	-	10	10	2500	0	1	bmm	bmm	cm	cfc		
7	Holyhead	1029.1	+2	SSW	4	c	44	85	5	-	-	10	1030.4	+10	S	3	c	43	85	5	-	-	-	10	10	4000	1	1	cm	cm	cm	om		
	Chester (Sealand)	1030.8	0	SSE	3	og	32	85	2	-	-	10	1032.0	+8	SSE	3	og	32	85	3	-	-	-	10	10	450	1	*	Fxgeo	5geo	offm	om		
	L'pool (Bidston)	1030.5	+2	SE	3	f	32	85	1	-	-	10	1031.7	+8	SE	4	f	33	85	2	-	-	-	10	10	450	1	*	xFe	Ffe	Ffe	fmo		
	Manchester	1030.9	+2	-	-	cf	35	85	3	-	-	10	1032.0	+6	-	-	ol	34	85	6	-	-	-	10	10	450	1	*	off	off	om	cm		
9	Harrogate	1029.8	0	SW	1	m	37	85	4	5	-	9	1030.4	0	SW	1	o	37	85	5	-	-	-	10	10	2500	1	*	cbccm	mco	oc	cc		
10	Spurn Head	1029.8	0	SW	2	m	39	85	4	5	7	7.8	1030.3	+2	SW	3	m	36	85	4	-	-	-	4.6	4.6	220	0	1	ss	ssm	ff	ff		
	Catterick	1029.6	-2	SSE	3	cf	31	85	3	5	-	7.8	1030.1	+4	SSE	2	f	35	85	3	-	-	-	10	10	450	1	*	bfcmm	cfxog	offm	bcm		
	Tynemouth	1027.6	0	SW	2	cf	37	85	3	5	-	7.8	1027.9	+2	WSW	2	m	39	85	4	-	-	-	7.8	7.8	1500	1	1	bccff	cfmm	offm	bc		
11	Incheith	1026.7	+8	SW	2	c	44	75	7	3	-	4.6	1027.5	+12	WSW	3	c	44	85	7	8	-	-	7.8	7.8	1500	0	2	c	bcc	bcc	cfFfe		
	Leuchars	1025.0	+2	SW	3	b	42	85	5	-	-	1	1026.2	+10	SW	3	b	41	85	5	-	-	-	1	1	2500	1	*	bccbm	bccbm	bccbm	cm		
12	Renfrew (Abbott)	1025.9	+2	SW	4	c	47	85	6	5	-	9	1027.6	+10	WS	3	pr	45	85	6	-	-	-	9	9	2500	1	*	czpr	czpr	cbpr	cbpr		
	Edinburgh	1027.8	+2	SSW	3	f	37	85	3	-	-	10	1029.2	+10	S	3	pr	38	85	2	-	-	-	10	10	450	1	*	odogf	off	off	off		
13	Tiree	1024.0	+14	W	2	c/r	47	85	6	5	1	7.8	1026.3	+14	SW	2	bc	39	85	7	5	-	-	2.3	2.3	2500	1	3	cid	cid	cid	bx		
13	Stornoway	1021.5	+14	WSW	2	wp	46	85	7	8	7	4.6	1025.6	+12	-	0	bc	42	85	7	8	4	-	4.6	4.6	1500	1	1	cid	cid	cid	bbcb		
15	Dalwhinnie	1024.7	+2	S	3	c	43	85	4	1	-	4.6	1025.8	+6	SW	4	ir	41	85	7	4	-	-	10	10	800	1	1	bc	irp	irp	c		
	Aberdeen	1023.4	-2	SW	3	b	44	85	6	-	-	5	1025.8	+16	SW	1	b	37	85	6	-	-	-	0	0	-	1	1	bxf	b3	b3	b3		
	Wick	1020.5	+8	WSW	3	bc	48	85	8	5	4	4.6	1023.6	+18	W	1	bc	40	85	8	5	7	-	4.6	4.6	2500	1	2	bc	bc	bc	bc		
16	Lerwick	1017.1	+6	WSW	5	rr	47	85	7	6	2	7.8	1024.4	+24	WNW	4	bc	45	85	8	-	-	-	2.3	2.3	1500	1	*	crr	crr	bc	bc		
17	Blacksod Point	1026.3	+14	-	0	ir	48	85	8	6	-	10	1028.6	+8	-	0	c	46	85	7	5	-	-	9	9	450	1	2	rr	ir	bc	bc		
18	Malin Head	1025.0	+6	S	3	c	48	85	7	8	-	9+	1027.5	+18	S	1	3	45	85	6	-	-	-	9+	9+	800	1	0	c	cpd	bc	bc		
	Aldergrove	1027.8	+4	S	3	3	45	85	6	5	-	10	1029.3	+10	S	3	c/r	44	85	6	-	-	-	9+	9+	2500	1	*	cm	cm	cm	bc		
	Donaghadee	1027.8	+8	-	0	c	46	85	7	5	-	9	1028.4	+10	W	1	c	45	85	7	-	-	-	7.8	7.8	1500	0	0	c	c	c	bc		
19	Birr Castle	1029.4	+8	SSE	1	c	46	85	8	5	-	9+	1030.1	+14	S	1	c	44	85	8	-	-	-	9+	9+	2500	1	*	c	c	c	c		
20	Valentia Bay	1028.6	+6	SSE	3	c	50	85	8	8	-	9+	1030.6	+14	SSE	2	c	46	85	8	-	-	-	9	9	800	1	3	cbccp	cbccp	cbccp	cbccp		
	Roches Point	1029.3	+8	SW	2	ir	47	85	7	6	-	7.8	1030.3	+8	SW	1	c	46	85	8	-	-	-	7.										

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.
fg, 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.
ksc, slight storm of drifting snow (generally low).
Ks, heavy storm of drifting snow (generally low).
sk, slight storm of drifting snow (generally high).
Sk, 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, B, heavy rain. r, slight rain. rr, continuous rain.
<, less than (for cloud

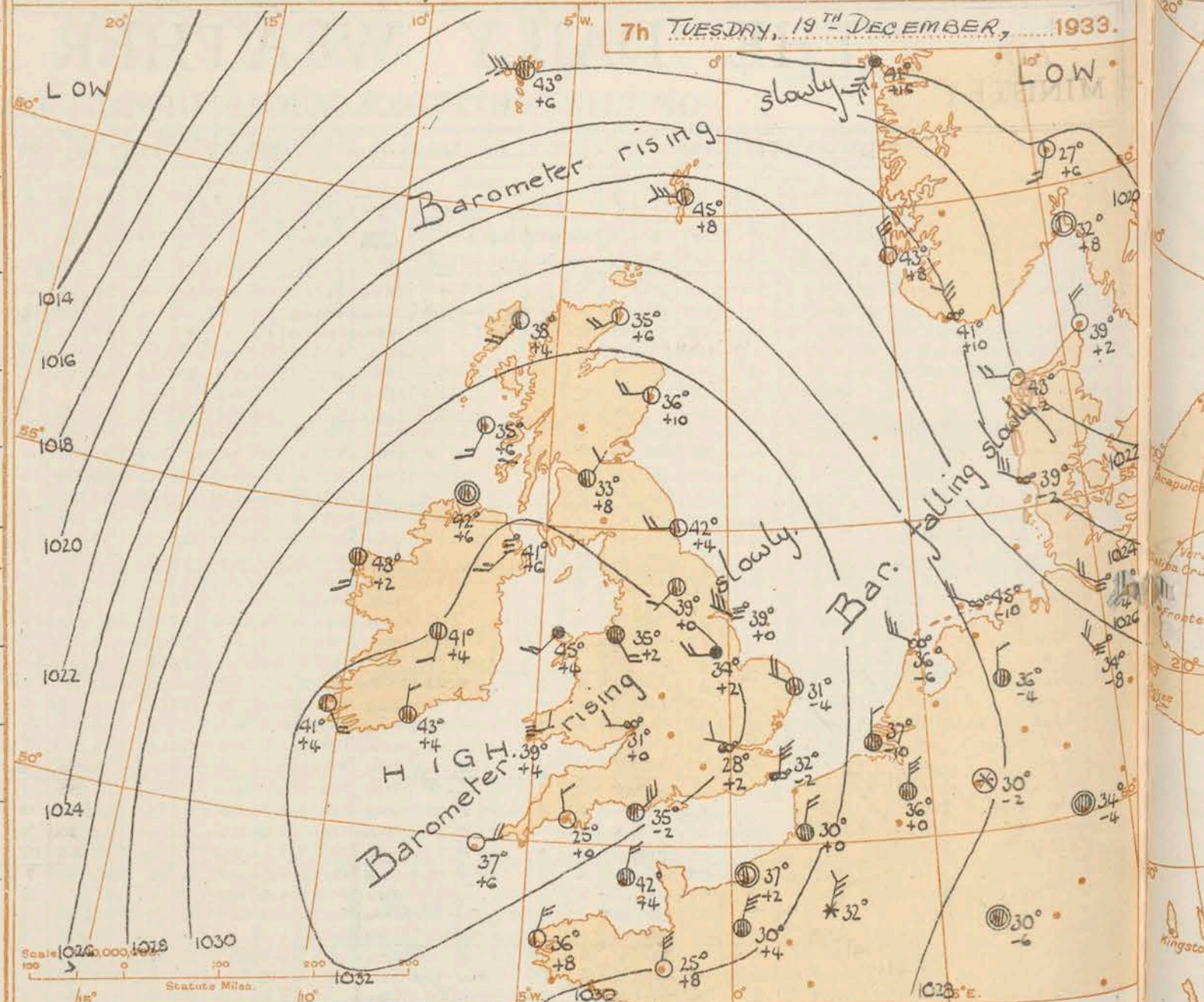
REPORTS from HEALTH RESORTS for 18th December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Forenoon.	Afternoon.	Min. 9h. to 17h.	Max. 17h. to 18h.	Night. 17h. to 18h.	Day. 9h. to 17h.	
1	Tunbridge W.	cbc	bc	18	39	-	-	4.8
	Bournemouth	b	bc	27	39	-	-	6.4
	Ventnor	xbz	bc	33	39	-	-	5.4
	Southsea	bmb	b	28	40	-	-	5.1
	Bognor Regis	b	b	28	39	-	-	6.5
	Littlehampton	b	b	25	40	-	-	6.5
	Worthing	b	b	28	39	-	-	6.5
	Brighton	b	b	27	39	-	-	6.6
	Eastbourne	cbcb	b	25	38	-	-	5.4
	Hastings	cbcb	bcb	26	37	-	-	6.0
	Folkestone	cbcb	bcb	29	37	-	-	5.0
	Dover	cbcb	bo	30	40	-	-	3.8
2	Deal	cbcb	bo	27	38	-	-	3.6
	Ramsgate	bc	bcb	33	39	-	-	1.4
	Margate	c	bcb	32	40	-	-	1.3
	Southend	bcfb	bcb	31	39	Trace	-	0.3
	Maldon	c	co	30	38	-	-	1.0
	Clacton-on-Sea	bcb	cm	32	40	-	-	0.6
	Dovercourt	xoc	ocf	31	39	-	-	0.0
	Lowestoft	bfc	c	34	39	-	-	0.0
	Skegness	o	o	36	39	Trace	-	0.0
	Mablethorpe	om	om	36	40	-	-	0.0
	Cleethorpes	co	ow	30	39	0.1	-	0.0
	Leamington S.	of	om	30	36	Trace	-	0.0
3	Cheltenham	of	of	27	36	Trace	-	0.0
	Bath	c	cbcb	31	37	-	-	0.8
	Weymouth	xb	b	29	40	-	-	5.6
	Jersey	b	b	31	42	-	-	7.2
	Torquay	bcb	com	30	38	-	-	0.3
	Penzance	xmb	bm	33	44	-	-	6.3
	St. Ives	b	bm	33	42	-	-	6.2
	Bude	xb	bm	26	34	-	-	5.1
	Ilfracombe	cbcb	bcb	29	38	-	-	1.1
	Aberystwyth	xzbc	bcoz	29	40	-	-	3.1
	Llandudno	ex	bcb	32	44	-	-	0.7
	Colwyn Bay	xbc	bcb	31	43	-	-	2.7
4	Rhyl	xbc	bcb	29	41	-	-	3.7
	Wallasey	f	ff	30	34	-	-	0.9
	Southport	f	ff	29	35	-	-	0.0
	Blackpool	ofe	bm	29	35	0.2	-	0.0
	Morecambe	x fmo	fmo	24	36	-	Trace	0.0
	Ilkley	mc	c	30	37	-	-	0.4
	Berwick-on-T.	bc	bc	29	41	-	-	0.0
	Dunbar	bex	bcb	30	45	-	(Trace)	1.4
	Troon	bex	bcb	35	48	-	-	0.0
	Douglas	cic	ic	38	46	-	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 TUESDAY, 19th DECEMBER, 1933.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th. Dec. 1933.
1. S.E. England	Wind northwest or west, light; cloudy, local bright intervals; local fog or mist; rather cold, local night frost.
2. E. England	
3. E. Midlands	Wind variable or westerly, light; mainly cloudy; local fog or mist; rather cold, local night frost.
4. W. Midlands	
5. S.W. England	Wind northeast or variable, light; fair; local mist or fog; rather cold in most places.
6. South Wales	
7. North Wales	Wind variable or southerly, light; mainly dull or cloudy; local fog or mist; rather cold in most places.
8. N.W. England	
9. N. Midlands	Wind variable or westerly, light; cloudy or variable sky; local fog or mist; rather cold, local night frost.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A.W. Scotl. B.N.W. Scotl. land.	Wind southwest or south, light, freshening; variable cloud; moderate day temperature, perhaps local night frost.
14. Mid-Scotland	Wind westerly, light or moderate; variable cloud; moderate day temperature, local night frost.
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind southerly, light to fresh; cloudy, perhaps occasional rain; moderate temperature, or mild.
18. N.E. Ireland	Wind southerly, light or moderate; mainly cloudy; moderate temperature.
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 1/2 cloudy. ○ Sky 1/2 to 3/4 cloudy. ○ Sky 3/4 to 1 cloudy. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. ▲ Hail.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone covers the British Isles while a depression on the Atlantic is moving north-east towards Iceland. Weather will be mainly quiet and dry, with fog locally in England, Wales and Southern Scotland.

FURTHER OUTLOOK.

Rather unsettled in the extreme West, probably little change elsewhere.

Forecasts issued at 1010 G.M.T.

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

As 17.

PS 702/2670. W. 47. 6. 6001. QP 908. 20. 4. 1. 1. 1.

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 19th December 1933.

No. 26,325.

STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 19th December														OBSERVATIONS at 7 hr. G.M.T. 19th December														PAST 24 HOURS.											
	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (8)	Humid. % (7)	Visibility 0-9 (9)	Cloud.					Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs. (38)					
				Direc. (3)	Force. 0-12 (4)					Low (10)	Med. (11)	High (12)	Low 0-10 (13)	Total 0-10 (14)			Low (23)	Med. (24)					High. (25)	Low. 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)			Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)							
																																		Form.		Amount.	Form.	Amount.	Form.	Amount.
1 London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1032.9	0	WSW	1	C	30	95	4	5	-	-	9+	9+	1500	4	*	40	28	19	-	-	1.0					
Croydon ...	217	1032.3	+2	W	1	of	33	95	3	5	-	10	10	450	1032.7	+2	W/N	1	Zo	28	95	5	5	3	-	2-3	9	1500	4	*	39	27	22	-	-	4.1				
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.9	0	-	0	P	23	95	3	5	-	-	10	10	1500	4	*	40	21	14	-	Tr	2.5				
Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.1	-2	NW/N	1	m	27	96	4	5	-	-	10	10	450	4	*	38	24	20	-	-	3.4				
Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.2	0	NW/W	3	bc	29	95	5	5	-	-	4-6	4-6	2500	24	1	40	27	22	-	-	6.4				
Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	N	1	bc/f	*	*	*	*	4	8	-	-	4-6	4-6	2500	*	0	38	33	*	-	-	*			
Lympne ...	346	1031.5	0	NNW	3	30	35	85	6	5	-	10	10	1500	1031.6	-2	N	3	Zo	32	75	6	5	-	-	Tr	Tr	2500	6	*	37	32	29	-	-	6.3				
2 Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.1	-2	W/N	2	C	30	95	5	5	7	-	4-6	9+	4000	4	*	40	28	20	-	-	0.8				
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1031.6	-4	W/N	1	Zo	32	85	5	5	-	-	7-8	7-8	4000	0	0	39	30	27	Tr	-	0.0				
Gorleston ...	5	1031.8	-2	WSW	2	C	36	85	6	5	-	9	9	2500	1031.2	-4	WNW	2	m	31	95	4	5	-	-	7-8	7-8	800	0	1	40	31	29	-	-	0.0				
Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	1031.9	+2	W	2	df	34	95	3	5	-	-	10	10	800	1	*	37	32	29	-	Tr	0.0				
3 Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.6	0	WNW	2	m	37	95	4	5	-	-	9+	9+	2500	1	*	36	30	22	-	-	0.0				
Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.0	-2	-	0	m	29	95	4	5	2	-	9+	10	800	4	*	37	28	23	-	-	*				
4 Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.8	0	W	1	Zo	31	95	5	5	-	-	10	10	2500	1	*	36	28	19	-	-	0.0				
5 Portland Bill...	32	1032.6	0	ENE	3	6	33	95	6	-	-	0	0	-	1032.6	-2	NE	3	C	35	85	6	5	-	-	7-8	7-8	1500	0	3	40	32	*	-	-	*				
Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.4	0	NW	1	fj	25	95	5	-	-	0	0	-	4	0	39	24	22	-	-	5.3					
The Lizard ...	240	1032.4	+2	NE/N	2	bc	36	85	7	4	-	4-6	4-6	4000	1033.3	+4	NE/N	3	bc	33	95	7	7	-	-	2-3	2-3	4000	4	2	41	32	*	-	-	*				
Scilly (St. Mary's)	163	1032.3	+4	NE/E	2	bc	42	85	7	5	-	4-6	4-6	4000	1033.0	+6	E	2	b	37	85	6	-	-	0	0	-	1	1	43	36	*	-	-	6.1					
Guernsey ...	175	1030.1	+6	NE	3	0	41	75	9	5	-	10	10	2500	1031.3	+4	NNE	2	C	42	85	7	8	-	-	10	10	2500	0	3	42	40	34	-	-	7.3				
6 Pembroke ...	142	1032.6	+4	E	1	F	35	95	1	5	-	10	10	1500	1033.2	+4	E	1	F	39	95	3	5	-	-	10	10	1500	0	1	40	33	*	-	-	0.9				
7 Holyhead ...	26	1031.8	+6	S/W	3	0	45	95	5	5	-	10	10	1500	1032.4	+4	SW/W	2	id	45	95	4	6	-	-	10	10	800	1	1	44	43	42	-	0.4	0.0				
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.2	+2	SE/S	2	Zo	35	95	5	5	-	-	10	10	800	1	*	33	32	32	0.1	-	0.0				
8 L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.3	+2	-	0	0	35	95	6	5	-	-	10	10	1500	0	*	33	32	32	-	-	0.0				
Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.9	+4	-	0	m	35	95	4	5	-	-	10	10	800	1	*	36	33	31	-	-	*				
9 Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1031.6	0	SW	1	C	39	95	7	5	-	-	9+	9+	4000	1	*	38	36	30	-	-	0.7				
10 Spurn Head ...	29	1030.5	0	W	4	F	37	95	3	5	-	10	10	1500	1030.5	0	W/N	3	m	39	95	4	5	-	-	10	10	4500	0	2	40	34	*	-	-	0.0				
Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	1031.5	0	-	0	F	35	95	4	5	-	-	9	9	4000	1	*	35	31	27	-	-	0.0				
Tynemouth ...	100	1029.5	+6	W	3	bc	42	85	6	2	-	2-3	2-3	2500	1030.7	+4	W	2	bc	42	85	6	5	-	-	4-6	4-6	1500	1	1	40	37	32	-	-	0.0				
11 Inchkeith ...	190	1029.8	+10	WSW	2	C	44	95	7	5	-	9+	9+	1500	1031.0	-4	WSW	2	F	39	95	3	5	-	-	10	10	800	1	1	44	38	37	-	Tr	0.9				
Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	1030.9	+10	SW	2	C	36	95	8	5	-	-	7-8	7-8	4000	1	*	44	34	29	-	-	2.3				
12 Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	1031.7	+8	NE/E	1	C/pr	33	95	5	5	3	-	2-3	7-8	4000	1	*	47	32	28	0.1	1	0.5				
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1031.6	+2	SE/E	1	F	39	95	1	5	-	-	10	10	4500	1	*	38	37	37	0.3	0.2	0.0				
13a Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1030.5	+6	SW/S	2	b	35	95	8	7	7	-	Tr	2-3	2500	4	4	48	33	20	1	-	0.0				
13b Stornoway ...	34	1028.7	+20	WSW	2	6	38	85	8	5	-	Tr	Tr	1500	1029.4	+4	WSW	2	b	38	85	8	4	7	-	1	2-3	2500	1	1	47	36	*	3	-	0.7				
15 Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.2	+8	SW	1	bc	33	95	8	4	-	-	2-3	2-3	2500	5	*	44	27	24	-	0.4	0.6				
Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1030.6	+10	WNW	2	bc	36	95	6	5	-	-	2-3	2-3	2500	1	1	45	34	29	-	Tr	4.5				
Wick ...	81	1029.2	+13	SW	2	bc	35	95	8	5	-	2-3	2-3	2500	1029.1	+6	WSW	2	bc	35	95	8	5	-	-	1	1	2500	1	2	48	33	*	-	-	*				
16 Lerwick ...	54	1024.7	+12	WNW	4	bc	45	75	8	5	-	4-6	4-6	1500	1026.1	+8	W/N	4	bc	45	85	8	8	-	-	4-6	4-6	1500	0	*	48	48	*	2	Tr	0.0				
17 Blacksod Point	18	1030.7	+10	S	2	C	46	95	7	5	-	10	10	800	1031.1	+2	S	2	C	48	95	7	5	-	-	7-8	7-8	800	1	2	49	45	*	S	Tr	*				
18 Malin Head ...	52	1029.6	+10	S	1	6	41	95	7	4	-	1	1	1500	1030.9	+6	-	0	C	42	95	7	4	-	-	7-8	7-8	1500	0	1	43	39	*	Tr	-	0.0</				

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTANCE.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 19th December.														OBSERVATIONS at 18h. G.M.T. 19th December.														PAST 24 HOURS.						
		Barom. at sea level. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-6 (8)	Cloud. (9-11)			Barom. at sea level. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-6 (22)	Cloud. (23-25)			State of Ground. 0-9 (28)	Sea. 0-9 (29)	WEATHER. (31-34)										
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)			Low 0-10 (12)	Total 0-20 (13)					Height of Base (feet) (14)	Low. (23)	Med. (24)			High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.-13h. 19th. (31)	13h.-18h. 19th. (32)	18h. 19th to 1h. 20th. (33)	1h.-7h. 20th. (34)			
1	London (Kew)...	1032.9	-4	SSW	2	cf	34	95	3	5	-	10	10	2500	1033.5	+4	WSW	1	df	37	95	1	-	-	-	10	10	<150	4	*	cf	cf	of	of	of	of
	Croydon ...	1032.6	-2	WN	2	cf	34	85	3	5	-	9+	9+	4000	1033.1	+2	WS	1	df	36	95	3	-	-	-	10	10	<150	1	*	cm,mg	off	off	off	off	
	S. Farnborough ...	1032.9	-4	NW	1	m	35	95	4	5	-	9+	9+	4000	1033.4	+4	NW	1	df	37	95	3	5	-	-	10	10	800	1	*	cf,xc	cm,mg	off	off	off	
	Boscombe Down ...	1033.3	-2	NNW	1	c	36	95	5	5	-	9+	9+	4000	1033.4	+2	NW	1	df	37	95	3	5	-	-	10	10	<150	1	*	om,xc	cm,mg	off	off	off	
	Calshot, S'thamtn ...	1032.8	0	NNW	2	cf	35	95	3	5	-	10	10	2500	1033.1	+6	NNW	2	df	36	95	3	5	-	-	10	10	1500	1	*	bc,xc	cf,xc	off	off	off	
	Dungeness ...	*	*	NW	1	cf	*	*	3	5	-	9+	9+	1500	*	*	NNW	1	df	36	95	3	5	-	-	10	10	220	*	*	f	off	off	off		
	Lympe ...	1031.8	-4	NNW	2	m	36	85	4	5	-	9+	9+	4000	1032.4	+6	NNW	3	df	36	95	3	5	-	-	10	10	800	1	*	bm,cm	cm,mg	off	off	off	
2	Shoeburyness ...	1032.0	-4	NNW	1	m	37	85	4	5	-	9+	9+	4000	1032.4	+4	NNW	1	m	38	95	4	5	-	-	10	10	1500	1	*	cxm	cf	cm,cf	cf	cf	
	Felixstowe ...	1032.0	+2	NNW	1	df	37	95	3	-	-	10	10	<150	1032.1	+6	NNW	2	cf	37	95	3	5	-	-	7.8	7.8	1500	0	0	cf	cf	cf	cf	cf	
	Gorleston ...	1031.2	0	NNW	3	f	41	95	2	5	-	10	10	<150	1031.4	+4	NNW	2	f	40	95	3	-	-	-	10	10	<150	0	1	com,ff	cf	cf	cf	cf	
	Cranwell ...	1032.5	-2	WN	2	cf	41	95	3	5	-	9+	9+	1500	1033.3	+6	WS	1	f	41	95	2	-	-	-	10	10	<150	1	*	cd,ff	cf	cf	cf	cf	
3	Birmingham ...	1033.3	+2	NW	2	cf	41	95	3	5	-	10	10	800	1033.9	+6	NNW	1	off	43	95	4	5	-	-	10	10	800	1	*	ofe	ofe	ofe	ofe	ofe	
	Upper Heyford ...	1033.3	-2	0	cf	37	95	3	-	-	-	10	10	<150	1033.7	+4	N	1	df	37	95	3	5	-	-	10	10	<150	1	*	cm,cf	cf	cf	cf	cf	
4	Ross-on-Wye ...	1033.2	0	WSW	1	pr	32	95	5	5	-	9+	9+	4000	1033.6	+4	N	1	m	37	95	4	5	-	-	9+	9+	2500	1	*	ccm	cm	cm	cm	cm	
5	Portland Bill...	1032.4	-6	NE	3	0	39	95	6	5	-	10	10	1500	1032.8	+6	NNE	3	cf	40	95	6	5	-	-	10	10	1500	1	3	cf	cf	cf	cf	cf	
	Plymouth ...	1034.0	-	W	1	cf	35	85	3	5	-	10	10	2500	1034.1	+2	0	cf	39	95	3	5	-	-	-	10	10	2500	1	0	bm,xc	cm	cm	cm	cm	
	The Lizard ...	1033.9	+2	NNE	2	bc	44	65	7	4	-	4.6	4.6	4000	1034.1	0	N'E	2	0	41	75	7	5	-	-	10	10	2500	1	2	bccbc	bccbc	bccbc	bccbc	bccbc	
	Scilly (St. Mary's) ...	1034.1	+2	E'N	2	c	47	65	7	7	3	-	2.3	7.8	2500	1034.6	+4	E'N	2	c	44	75	7	7	3	-	4.6	9+	2500	0	1	bccbc	c	c	c	c
	Guernsey ...	1032.1	-2	NNE	2	bc	43	85	7	8	1	-	4.6	4.6	2500	1032.1	+2	N	1	0	43	85	6	5	-	-	10	10	2500	0	2	bccbc	bccbc	bccbc	bccbc	bccbc
6	Pembroke ...	1033.5	+2	0	m	45	85	4	5	-	9+	9+	1500	1033.9	+2	ESE	1	c	46	95	7	5	-	-	9	9	1500	0	1	cf,mc	cm	cm	cm	cm		
7	Holyhead ...	1033.3	-2	NNW	2	id.	46	95	6	5	-	10	10	800	1033.7	+6	0	cf	43	95	3	5	-	-	-	7.8	7.8	2500	1	0	dd,cf,cf	cm,ubcm	ff	ff	ff	
	Chester (Sealand) ...	1033.8	0	0	of	41	95	3	5	-	10	10	1500	1034.3	+6	NNW	2	if	40	95	3	5	-	-	2.3	2.3	800	1	*	md,irg	fm,cm	bccbc	bccbc	bccbc		
8	L'pool (Bidston) ...	1033.5	0	NNW	3	off	43	95	4	5	-	10	10	1500	1034.0	+4	NNW	1	bc	40	95	2	5	-	-	2.3	2.3	450	1	*	orgmo	mo,ff	of	of	of	
	Manchester ...	1033.3	-2	0	df	38	95	1	5	-	10	10	450	1033.8	+4	0	f	36	95	0	-	-	-	-	-	10	10	<150	1	*	om,ff	ff	ff	ff	ff	
9	Harrogate ...	1032.4	+6	0	ir	43	95	5	6	2	-	9+	10	4000	1033.4	0	0	c	41	95	5	5	-	-	-	9	9	4000	1	*	cf	cf	cf	cf	cf	
10	Spura Head ...	1031.5	+2	WN	1	m	41	95	4	5	3	-	7.8	9	<150	1031.8	+2	WN	3	bc	40	95	3	5	-	-	4.6	4.6	<150	0	2	ff	ff	ff	ff	ff
	Catterick ...	1032.5	-4	0	id.	43	95	5	6	-	9+	9+	1500	1033.6	+10	0	m	35	95	4	-	-	-	-	0	0	-	1	*	cmd,md	d,cm,b	bm,xb	bm,xb	bm,xb		
	Tynemouth ...	1031.5	+4	W	2	bc	44	85	5	4	-	4.6	4.6	4000	1032.6	+4	W	2	bc	41	85	5	5	-	-	2.3	2.3	800	1	1	bcm	bcm	bcm	bcm	bcm	
11	Inchkeith ...	1032.8	+6	WSW	2	cf	37	95	1	5	-	7.8	7.8	800	1032.8	+4	WSW	2	bc	38	95	3	5	-	-	4.6	4.6	800	0	1	oc,ff	cf,ff	ff	ff	ff	
	Leuchars ...	1032.1	+2	WSW	2	b	42	85	8	5	-	1	Tr	1	4000	1032.5	+6	W	1	b	34	95	7	-	4	-	0	Tr	-	1	*	bc,xb	bb,wx	bx	bx	bx
12	Renfrew (Abbotts) ...	1032.8	+2	0	bf	31	95	0	-	-	-	0	0	-	1033.2	+2	0	F	30	95	1	-	-	-	-	10	10	<150	5	*	b,ff	ff	ff	ff	ff	
	Eskdalemuir ...	1033.3	+2	SE	1	bc	34	95	1	-	-	2.3	2.3	800	1034.2	+6	0	bf	30	95	2	-	-	-	-	0	0	-	4	*	Fe	ff	ff	ff	ff	
13	Tiree ...	1031.7	+2	SW	3	c	46	95	9	5	7	-	9+	9+	4000	1031.7	+4	SW	3	cl	47	95	8	5	-	-	10	10	2500	1	3	c	c	c	c	c
13	Stornoway ...	1029.9	0	SW	2	c	46	85	8	6	-	4.6	9+	1500	1029.2	+2	SSW	3	c	48	95	8	6	-	-	4.6	10	1500	1	2	b,xc	cf	cf	cf	cf	
15	Dalwhinnie ...	*	+4	SW	1	bc	36	85	8	4	-	4.6	4.6	800	1033.6	+2	SW	1	bc	33	95	8	4	8	-	4.6	4.6	1500	5	*	bc	bc	bc	bc	bc	
	Aberdeen ...	1031.6	+4	NNW	2	b	40	75	6	-	5	1	0	Tr	-	1032.2	+4	WN	1	bc	35	85	6	-	3	1	0	2.3	-	1	1	bccbc	bccbc	bccbc	bccbc	bccbc
	Wick ...	1030.5	+8	WSW	2	bc	42	95	8	5	7	1	1	2.3	2500	1029.8	-2	SW	3	cl,pr	41	95	8	8	1	-	7.8	10	1500	1	2	bc	cf	cf	cf	cf
16	Lerwick ...	1027.3	+2	WN	3	cip	44	85	8	7	8	4.6	7.8	1500	1026.8	+2	WN	2	bc,pr	43	95	9	8	-	-	4.6	4.6	1500	1	*	bccpr	bcpr	bccpr	bccpr	bccpr	
17	Blacksod Point ...	1032.4	+4	S	3	c	47	85	8	-	-	10	10	800	1032.0																					

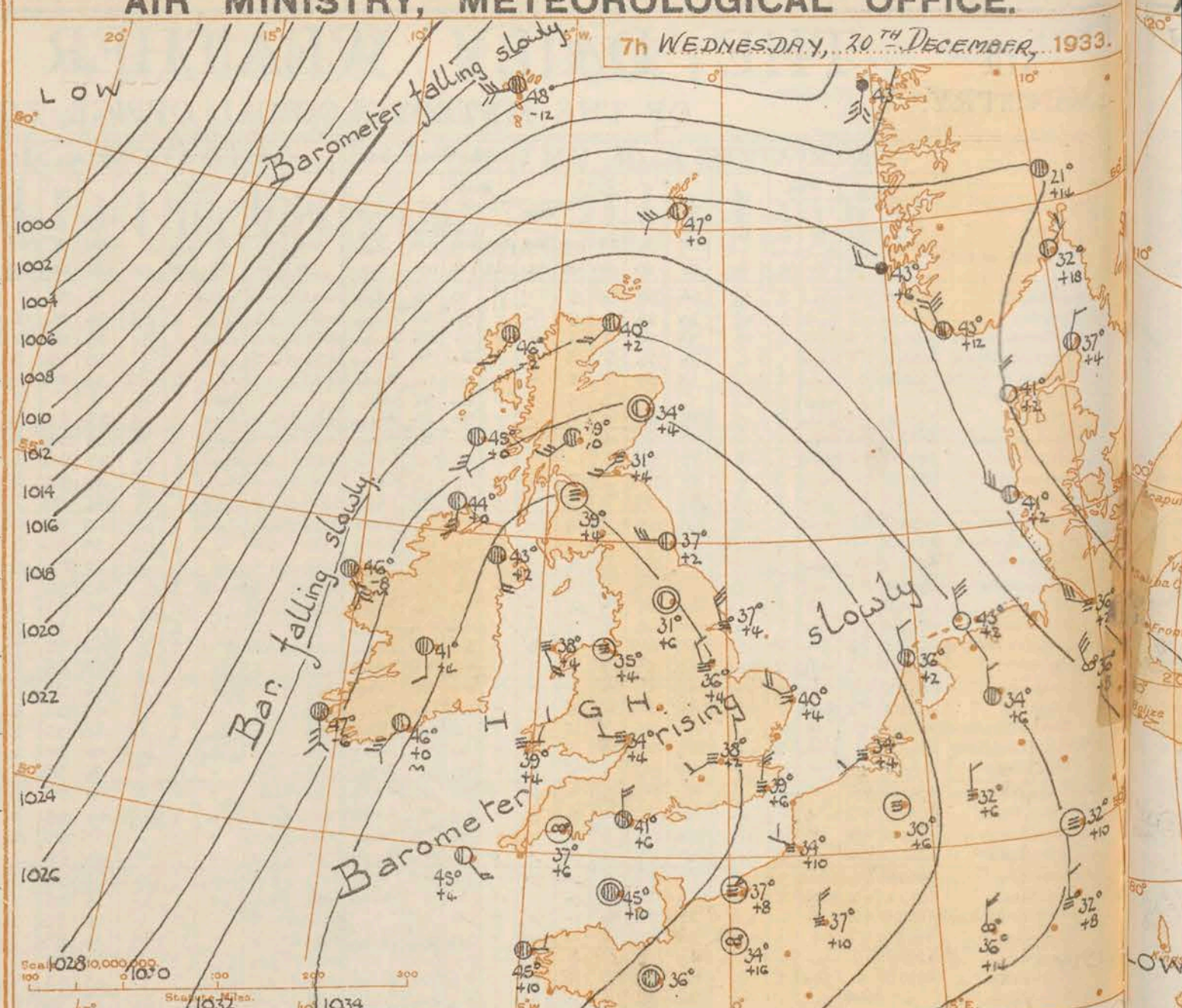
REPORTS from HEALTH RESORTS for 19th December, 1933.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th WEDNESDAY, 20th DECEMBER, 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. 18h. to 9h. 19d.	Max. 9h. 17h. 19d.	Night 17h. 18h. to 9h. 19d.	Day 9h. 17h. 19d.	
1	Tunbridge W.	bbe	com	25	38	-	-	1.6
	Bournemouth	m	om	26	38	-	-	0.0
	Ventnor	xboz	oz	32	39	-	-	0.9
	Southsea	bccm	cwc	26	39	-	-	0.0
	Bognor Regis	bbee	c	32	40	-	-	0.9
	Littlehampton	bcc	c	29	38	-	-	1.0
	Worthing	bbee	co	31	40	-	-	1.5
	Brighton	bcc	c	31	39	-	-	1.2
	Eastbourne†	cbco	o	23	40	-	-	1.0
	Hastings†	cbcc	com	33	40	-	-	0.9
2	Folkestone	bccm	cofe	32	40	-	Trace	1.0
	Dover...	fco	geo	33	40	-	Trace	0.7
	Deal	cf	f	31	37	-	-	0.4
	Ramsgate	bccm	cm	32	38	-	Trace	0.0
	Margate	c	cdm	33	38	-	Trace	0.0
	Southend	cof	of	30	39	Trace	-	0.0
	Maldon	mo	om	26	38	-	-	0.0
	Clacton-on-Sea	cbcom	ogm	29	39	-	-	0.0
	Dovercourt	ocf	ocf	30	38	-	-	0.0
	Lowestoft	cf	cf	29	41	-	-	0.0
3	Skegness	o	o	31	45	-	-	0.0
	Mablethorpe	omc	com	31	45	-	-	0.0
	Cleethorpes	of	of	32	45	-	-	0.0
	Leamington S.	om	o	26	36	-	-	0.0
	Cheltenham†	ofp	of	25	37	-	Trace	0.0
	Bath	cul	cl	27	38	-	Trace	0.0
	Weymouth	xc	co	26	40	-	Trace	0.0
	Jersey	cf	c	36	42	-	-	0.2
	Torquay	xcm	omcm	26	40	-	-	0.0
	Penzance	xfb	fof	30	47	-	-	3.0
4	St. Ives	b	o	32	43	-	-	1.3
	Bude	xcm	co	26	37	-	-	0.0
	Ilfracombe	og	om	31	42	-	-	0.0
	Aberystwyth	F	F	33	42	Trace	0.5	0.0
	Llandudno	drc	dbc	36	45	2	1	0.1
	Colwyn Bay	opopo	obc	35	46	0.3	0.5	0.2
	Rhyl	mld	obcm	32	44	0.1	1	0.1
	Wallasey	Fro	obcf	32	43	-	0.3	0.0
	Southport	roc	cof	34	42	0.5	0.3	0.9
	Blackpool	of	cof	33	43	1	-	0.0
5	Morecambe	fcm	fcm	30	39	1	-	0.0
	Ilkley	fc	c	34	42	Trace	-	0.0
	Berwick-on-T.	roc	bc	32	39	-	-	2.9
	Dunbar	rbc	cm	36	41	Trace	-	3.3
	Troon	rxbm	bm	36	47	2	-	4.6
	Douglas	bc	bcx	40	47	0.5	-	3.7

† 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. 20th. Dec. 1933.
1. S.E. England	Wind northwest or variable, light; dull or cloudy; fog or mist; day temperature a little below normal for the season.
2. E. England...	
3. E. Midlands	
4. W. Midlands	As 6 - 9.
5. S.W. England	Wind northerly or variable, light; dull or cloudy; local fog or mist; day temperature about or below normal for the season.
6. South Wales	
7. North Wales	Wind variable or southerly, light; dull or cloudy; fog or mist; day temperature about or a little below normal for the season.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Wind variable or westerly, light; variable cloud; local fog or mist; day temperature about or a little below normal for season, perhaps slight frost locally at night.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	As 6 - 9.
13. { A.W. Scotland B.N.W. Scotland	Wind southerly, moderate, fresh locally; cloudy, perhaps local drizzle; temperature about normal.
14. Mid-Scotland	Wind southwest, moderate; cloudy, perhaps bright intervals locally; moderate temperature.
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	As 13.
18. N.E. Ireland	Wind southerly, light or moderate; cloudy; moderate temperature.
19. S.E. Ireland	
20. S.W. Ireland	As 13.

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 1/2 cloudy. — Sky 1/2 to 3/4 cloudy. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone centred over Wales and South West England covers the British Isles. Weather will be dull or cloudy almost everywhere, except locally in the Northeast, and fog or mist is likely to persist in England, Wales and Southern Scotland. Temperature will be generally about, or slightly below the seasonal normal.

FURTHER OUTLOOK.

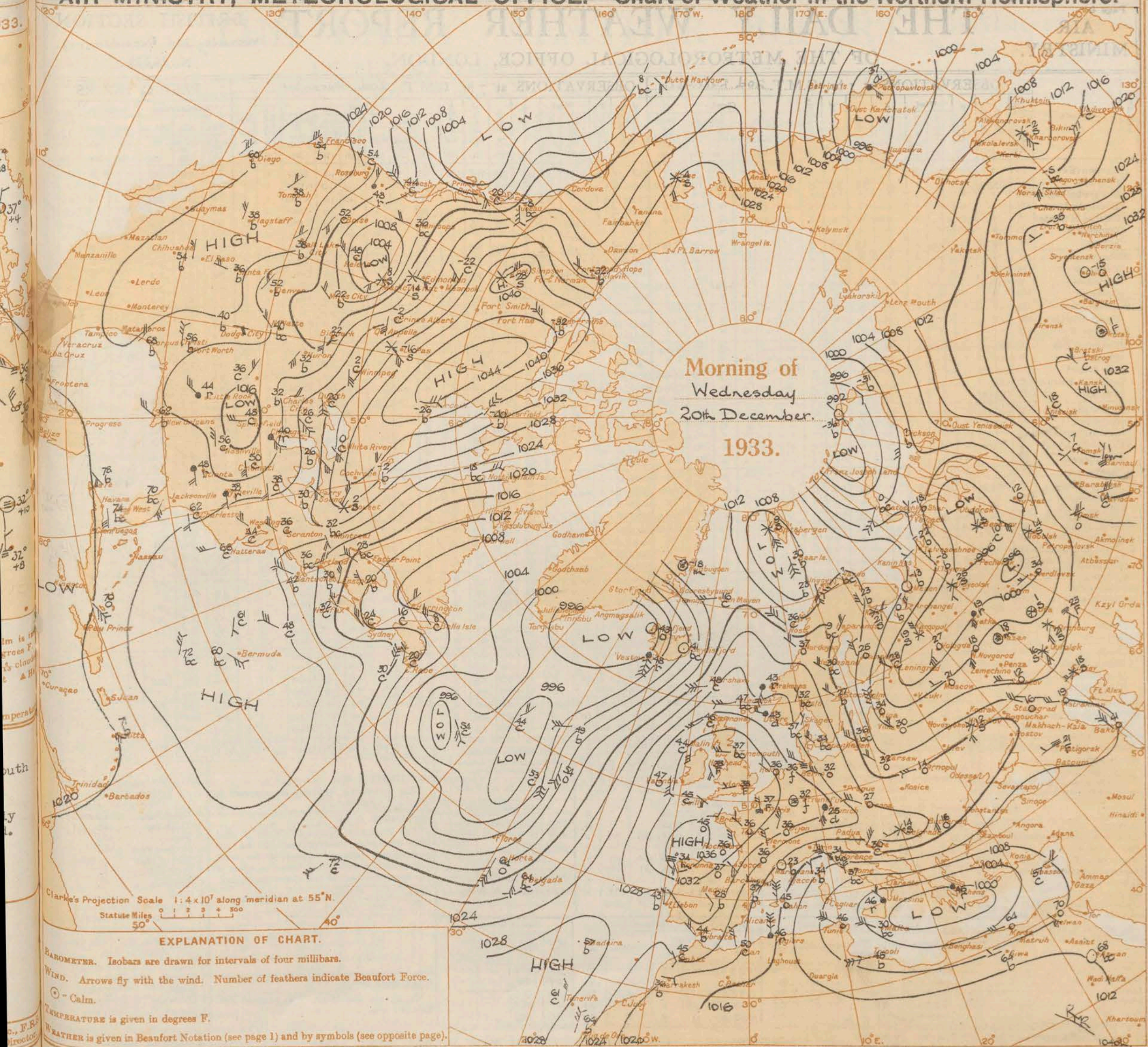
Probably similar.

Forecasts issued at 1010 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.

33.



Clarke's Projection Scale 1:4x10⁷ along meridian at 55°N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

☉ - Calm.

TEMPERATURE is given in degrees F.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 20th December 1933.

No. 26,326

STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 20 th December														OBSERVATIONS at 7 hr. G.M.T. 20 th December														PAST 24 HOURS.																												
	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Force. 0-13	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 100 Hrs.																				
				Direc.	Force. 0-12					Form.			Amount.		Height of Base. (feet)									Low.	Med.	High.	Low. 0-10	Total 0-10	Low.			Med.	High.	Low. 0-10	Total 0-10	Height of Base. (feet)		Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.															
										Low.	Med.	High.	Low. 0-10	Total 0-10																													Low.	Med.	High.	Low. 0-10	Total 0-10										
1 London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1034.9	+6	W'S	1	of	39	95	3	5	-	-	10	10	800	1	*	37	36	35	0.1	0.3	0.0																						
Croydon ...	217	1033.9	+2	W	1	f	38	95	2	5	-	-	10	10	<150	1034.5	+2	W'S	1	F	38	95	1	5	-	-	10	10	<150	1	*	36	36	35	0.2	Tr	0.0																				
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	1034.5	+4	-	0	F	38	95	1	5	-	-	10	10	<150	1	*	38	36	35	0.3	2	0.0																						
Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	*	1035.2	+2	NW	1	of	36	95	2	5	-	-	10	10	<150	1	*	38	34	32	0.1	0.6	0.0																						
Calshot (St'hmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	*	1034.6	+6	NNW	1	f	39	95	2	5	-	-	10	10	<150	1	0	38	37	34	0.2	1	0.0																						
Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NNW	1	F	*	*	0	5	-	-	10	10	<150	*	0	35	35	*	Tr	0.1	*																						
Lympe ...	346	1032.8	0	NNW	3	f	38	95	2	5	-	-	10	10	<150	1033.9	+6	N	2	F	39	95	1	5	-	-	10	10	<150	1	*	37	36	35	Tr	Tr	0.9																				
2 Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	1034.3	+8	-	0	of	39	95	2	5	-	-	10	10	800	1	*	38	36	34	Tr	-	0.0																						
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	1033.9	+2	WNW	1	F	39	95	1	5	-	-	10	10	<150	1	0	39	36	33	Tr	Tr	0.0																						
Gorleston ...	5	1032.3	-2	NNW	2	m	40	95	4	5	-	-	10	10	220	1033.4	+4	WNW	2	m	40	95	4	5	-	-	9+	9+	1500	0	1	42	39	38	-	-	0.0																				
Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	1034.7	+4	NNW	1	m	36	95	4	5	-	-	10	10	2500	1	*	42	36	34	Tr	-	0.0																						
3 Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	1035.0	+2	WNW	1	c f	36	95	3	-	1	-	0	7.8	-	1	*	43	35	30	Tr	-	0.0																						
Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	*	1035.0	0	N	2	f	34	95	3	5	-	-	10	10	<150	1	*	38	34	34	0.4	0.1	*																						
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	1035.0	+4	W	1	o f	34	95	1	5	-	-	10	10	<150	1	*	38	33	29	Tr	0.1	0.0																						
5 Portland Bill ...	32	1034.0	+2	NNW	3	0	41	95	6	5	-	-	10	10	1500	1034.3	+6	N	2	0	41	95	6	5	-	-	10	10	1500	1	3	41	39	*	0.2	2	*																				
Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	1035.2	+8	-	0	30	37	95	5	5	-	-	10	10	1500	1	0	39	37	35	-	Tr	0.0																						
The Lizard ...	240	1034.6	+2	N'E	2	0	42	95	7	5	-	-	10	10	2500	1034.8	+8	NNE	2	0	43	95	7	5	-	-	10	10	2500	1	2	45	41	*	-	1	*																				
Scilly (St. Mary's) ...	163	1034.6	-4	SE	1	C	44	85	7	5	-	-	9+	9+	2500	1035.1	+4	ESE	2	C	45	65	7	7	-	-	9+	9+	2500	0	1	47	43	*	-	-	4.4																				
Guernsey ...	175	1033.6	+4	-	0	0	43	85	6	5	-	-	10	10	2500	1034.4	+10	-	0	45	95	6	5	-	-	10	10	2500	1	3	43	43	38	-	0.2	0.2																					
6 Pembroke ...	142	1033.7	+2	NE	2	30	41	95	6	-	-	-	0	0	-	1034.8	+4	E	1	f	39	85	2	5	-	-	10	10	<150	0	1	46	33	*	-	-	0.0																				
7 Holyhead ...	26	1034.2	0	SSE	1	b f	37	95	1	-	-	-	0	0	-	1034.6	+4	SE	2	F	38	95	1	5	-	-	10	10	<150	1	0	47	34	32	2	0.1	0.1																				
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	1035.5	+4	-	0	F	35	95	1	5	-	-	10	10	<150	1	*	43	34	33	0.2	0.2	0.0																						
8 L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	*	1035.5	0	-	0	d f	34	95	1	5	-	-	10	10	<150	1	*	43	32	32	0.5	0.4	0.0																						
Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	1035.1	+4	-	0	d f	33	95	2	5	-	-	10	10	<150	1	*	39	33	30	0.1	0.2	*																						
9 Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	1034.6	+6	-	0	b	31	85	7	-	4	-	0	Tr	-	4	*	43	31	23	0.2	-	0.0																						
10 Spurn Head ...	29	1032.8	+2	W'N	3	F	35	95	0	5	-	-	10	10	<150	1033.7	+4	NW'N	3	m	37	95	4	5	-	-	10	10	220	0	2	42	34	*	-	0.2	0.0																				
Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	1035.2	+6	-	0	b	24	95	8	-	4	-	0	Tr	-	4	*	43	24	19	Tr	-	0.0																						
Tynemouth ...	100	1033.1	0	W	3	b c f	35	95	2	5	-	-	4-6	4-6	1500	1033.4	+2	W	3	b c	37	95	6	5	-	-	2.3	2.3	1500	1	1	44	34	31	-	-	*																				
11 Inchkeith ...	190	1033.1	-4	WSW	2	o f	37	95	1	5	-	-	10	10	450	1033.4	0	WSW	2	F	39	95	1	5	-	-	10	10	<150	1	1	40	35	30	-	Tr	1.8																				
Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	1033.1	+4	SW	2	b f	31	95	3	-	-	-	0	0	-	48	*	43	30	21	Tr	Tr	4.5																						
12 Renfrew (Abbotts I.) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1033.9	+4	-	0	F	39	95	1	5	-	-	10	10	<150	1	*	34	29	25	Tr	Tr	0.0																						
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1036.2	+4	NW'N	1	f	26	95	2	5	-	-	10	10	<150	5	*	39	24	23	0.1	-	1.5																						
13a Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1031.6	0	SW'S	4	C	45	65	8	5	7	-	9+	10	2500	0	3	47	43	38	0.1	-	0.0																						
13b Stornoway ...	34	1029.5	0	SW	3	C	47	85	7	5	7	-	9	10	1500	1029.0	-2	SW	3	C	46	85	7	5	7	-	7.8	9	1500	1	1	48	45	*	0.1	0.5	0.5																				
14 Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	1033.5	0	SW	3	C	39	85	8	4	2	-	4.6	7.8	800	1	*	40	32	31	-	Tr	2.0																						
Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	1032.0	+4	-	0	b	34	95	7	5	-	-	Tr	Tr	2500	1	1	42	33	27	-	-	4.6																						
Wick ...	81	1029.8	0	SW	2	C	44	95	8	8	1	8	4-6	9+	2500	1030.0	+2	SW	2	C	40	95	8	8	1	-	4.6	7.8	1500	1	2	43	38	*	Tr	Tr	*																				
16 Lerwick ...	54	1026.3	0	W	4	C	48	95	7	8	1	-	4-6	7-8	800	1026.2	0	W'S	4	b c	47	95	8	5	-	-	4.6	4.6	1500	1	*	45	43	*	2	0.4	0.1																				
17 Blacksod Point ...	18	1031.2	-6	E	4	b c	44	95	7	1	-	-	2-3	2-3	1500	1030.5	-8	SE	5	C	46	75	7	9	-	-	10	10	800	0	4	48	42	*	-	-	*																				
18 Malin Head ...	52	1032.4	0	S	2	b c	43	85	7	5	-	-	2-3	2-3	1500	1032.1	0	S	3	C	44	85	7	5	-	-	9+	9+	1500	0	1	48	41	*	-	-	3.1																				
Aldergrove ...	298	*	*	*	*	*	*	*	*	*	*	*	*	1034.2	+2	SE'S	2	C	43	85	7	5	-	-	10	10	4000	1	*	44	39	35	-	-	-	0.0																					
Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	1033.6	+4	-	0	C	44	95	5	5	-	-	7.8	7.8	1500	0	0	46	39	*	-	-	-	*																					
19 Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	1032.6	+4	S	1	C	41	95	8	5	-	-	9+	9+	2500	1	*	47	38	36	-	-	-	0.8																					
20 Valentia Obsy.†	30	1032.2	-6	S	4	C	46	95	8	8	-	-	9+	9+	1500	1031.2	-6	SSE	4	C	47	65	8	5	-	-	10	10	2500	1	-	47	44	41	-	-	4.0																				
Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	1033.7	0	SW	4	C	46	85	8	3	-	-	7.8	7.8	2500	0	4	44	42	*	-	-	-	*																					

LOCAL OBSERVATIONS.													EXPLANATION OF FIGURES, LETTERS, etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h—18h.													Height above M.S.L., in feet.	Weather			Temperature.			Rainfall.		Sun- shine to Sunset, hrs.		Humidity.		Visibility 8h.	Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.						COLUMNS 8, 22.—Code for surface visibility. Objects not visible at																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
														Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day. mm.	Night mm.	15h. G.M.T. %	9h. G.M.T. %	24 hrs. ended 7h. G.M.T. 20 th .																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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 { 2/6 per month ; 5/6 per quarter ; 25/- per year.

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

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

† 1 hr observations are from Valencia W/T station ‡ Maximum and Minimum Temperatures and Rainfall are for the 24 hours ending 9 h

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, 21st December 1933.
No. 26,327.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 20 th December.														OBSERVATIONS at 18h. G.M.T. 20 th December.														PAST 24 HOURS.						
		Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.										
				Direc.	Force.					Low.	Med.	High.			Low.	Total.					Height of Base (feet)	Direc.	Force.			Low.	Med.	High.	Low.	Total.	Height of Base (feet)	7h.-18h. 20 th	18h.-18h. 20 th	18h.20 th to 1h. 21 st	1h.-7h. 21 st	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)			
(For heights see p. 4.)																																				
1	London (Kew)...	1036.1	-2	NNW	2	m	39	95	4	S	-	-	10	10	450	1037.4	+6	NNW	2	m	37	95	4	S	-	-	10	10	1500	1	*	offom	am	am	am	
	Croydon	1036.2	+2	WSW	2	F	38	95	1	-	-	-	10	10	4150	1036.9	+6	WS	1	o/f	37	95	4	S	-	-	10	10	800	1	*	offeFe	offeFe	offeFe	offeFe	
	S. Farnborough	1036.5	-6	NNW	1	o/f	38	95	3	S	-	-	10	10	450	1037.7	+14	NNW	1	m	36	95	4	S	-	-	10	10	800	1	*	Feofof	offom	amoffe	offe	
	Boscombe Down	1036.4	-6	-	0	m	38	95	4	S	-	-	10	10	2500	1037.2	+10	NW	1	f	35	95	2	-	-	10	10	4150	1	*	rffecm	cmof	oif	offe		
	Calshot, St. Mary's	1036.3	-2	NW	2	o/f	39	95	2	S	-	-	10	10	4000	1037.2	+10	N	2	b/f	37	95	5	-	-	0	0	-	1	*	offecf	offecf	offecf	offe		
	Dungeness	*	*	NNW	1	F	*	*	1	-	-	-	10	10	4150	*	*	NNW	1	F	*	*	1	-	-	10	10	4150	1	*	offeFe	offeFe	offeFe	offeFe		
	Lympne	1035.5	-2	N	3	o/f	39	95	2	S	-	-	10	10	4150	1036.8	+10	N/E	2	o/f	38	95	3	S	-	-	10	10	1500	1	*	offeFe	offeFe	offeFe	offeFe	
2	Shoeburyness	1035.7	-2	NNW	1	o/f	41	95	3	S	-	-	10	10	450	1036.5	+8	-	0	m	39	95	4	S	-	-	10	10	800	1	*	off	offom	am, w	off	
	Felixstowe	1035.9	+2	NW	2	o/f	40	95	4	S	-	-	9+	9+	2500	1036.7	+6	NW	1	f	37	95	2	-	-	10	10	4150	1	0	fcm	cmof	fefe	fefe		
	Gorleston	1035.0	-2	NNW	2	m	42	95	4	4	-	-	9	9	2500	1036.1	+8	WS	2	F	36	95	1	-	-	10	10	4150	0	1	cmf	cmof	FFoe	f, f, f, f		
	Cranwell	1036.3	-2	WS	1	F	32	95	1	-	-	-	10	10	4150	1036.9	+4	SWW	1	F	35	95	1	-	-	10	10	4150	1	-	cmof	OF	off	off		
3	Birmingham	1036.3	-2	NNW	1	f	37	95	3	S	-	-	10	10	800	1037.0	+2	NNW	1	o	37	85	5	S	-	-	10	10	1500	1	*	cf	fo	oc	cof	
	Upper Heyford	1037.1	0	NW	1	f	34	95	3	-	-	-	10	10	4150	1037.6	+4	WSW	1	m	34	95	4	S	-	-	10	10	4150	1	*	offcm, of	offcm	am	am	
4	Ross-on-Wye	1036.3	0	NW	1	o/f	33	95	3	S	-	-	10	10	4150	1036.8	0	SE	1	o/f	32	95	2	S	-	-	10	10	4150	1	*	fefe	offe	fefe	fefe	
5	Portland Bill	1036.0	+2	N	2	o	43	85	6	S	-	-	10	10	1500	1036.7	+6	N	2	c	38	95	6	S	-	-	7.8	7.8	1500	1	2	o	offc	offc	off	off
	Plymouth	1035.9	-6	-	0	b, c, f	44	85	2	S	-	-	4.6	4.6	4000	1036.8	+6	NE	1	b, c, f	40	95	3	S	-	-	4.6	4.6	4000	1	0	cm, off, bc	b, c, f, f, w	b, c, f, f, w	cm	
	The Lizard	1035.8	0	ENE	2	c	47	85	7	4	-	-	10	10	2500	1036.9	0	ENE	2	c	46	85	7	4	-	-	10	10	2500	0	2	oc	c	co	oc, y	
	Scilly (St. Mary's)	1035.9	0	SW	2	c	47	75	7	8	7	-	4.6	10	2500	1036.5	+2	SSE	2	c	46	65	7	5	-	-	10	10	2500	0	1	c	c	c	c	
	Guernsey	1035.6	-4	-	0	3	47	85	5	8	-	-	9+	9+	2500	1036.7	+12	-	0	44	95	6	5	-	-	10	10	2500	0	1	cm, f, c, z	c, z	o	o		
6	Pembroke	1035.7	-2	ENE	1	F	37	95	0	S	-	-	10	10	4150	1035.8	+4	ENE	1	F	40	95	0	S	-	-	10	10	4150	1	1	c, f, e, f, e, b	c, f, e, f, e, c	c, f, e, m, b, c	b, c, f, e, m, c	
7	Holyhead	1035.5	-6	SSE	1	b, c	45	85	7	S	-	-	2.3	2.3	2500	1036.0	+8	SE, S	1	b	38	95	6	S	-	-	Tr	Tr	4000	1	0	offecm, b	b	b, w, b, c, m	b, c, m, w	
	Chester (Sealand)	1036.6	-4	-	0	o/f	38	95	4	S	-	-	10	10	450	1037.2	+4	NE/E	1	o/f	37	95	3	S	-	-	10	10	800	1	*	FFef	m, g, g, o	off	off	
8	L'pool (Bidston)	1036.6	-2	-	0	d, F	35	95	1	-	-	-	10	10	4150	1037.3	+2	-	0	F	36	95	1	-	-	10	10	4150	1	*	FddF	Fdd, F	m, o	offe		
	Manchester	1036.7	-2	-	-	o	35	95	3	S	-	-	10	10	450	1037.2	+4	-	-	o	34	95	3	S	-	-	10	10	450	1	*	FFd, off	offr	offm, o	am, o	
9	Harrogate	1035.1	+6	-	0	b	44	75	7	5	4	-	Tr	Tr	800	1035.9	0	SW	1	b	34	95	7	-	-	0	0	-	4	*	b	b, x	b, x	b, x		
10	Spurn Head	1035.3	+4	NNW	3	b, c, f	36	85	3	5	-	-	4.6	4.6	220	1035.6	+2	NNW	2	F	34	95	0	S	-	-	10	10	4150	5	1	m, b, c, f	F, f, x	FFx	x, f, f	
	Catterick	1035.5	-6	-	0	b	40	85	6	-	S	-	0	Tr	-	1035.9	+4	-	0	b, f	29	95	2	-	-	0	0	-	4	*	b, x, b, m	b, m, f	b, f, o, f	off		
	Tynemouth	1034.9	0	W	2	m	41	85	4	4	-	-	7.8	7.8	4000	1034.9	+4	W	2	b, c, f	36	95	3	S	-	-	2.3	2.3	1500	1	1	b, c, c, m	c, h, e, m, f, f	b, e, f, f	b, o, i, f	
11	Inchkeith	1033.8	-6	WSW	1	3	41	95	5	S	-	-	9+	9+	800	1033.7	+6	SW	2	c	43	85	7	5	2	-	4.6	10	2500	0	1	FFz	z, c	c	co	
	Leuchars	1033.4	-6	SW	3	c, f	37	95	2	S	-	-	9	9	4000	1032.7	-4	SW	2	m	41	95	4	5	-	-	10	10	1500	1	*	b, c, m, x, c, f	c, o, f, f, o, m	am, c, c, d, o	c	
12	Renfrew (Abbotts)	1034.0	-2	SW	2	3	43	95	5	5	1	-	9	10	2500	1034.0	0	SW	2	10	43	95	5	5	2	-	9	10	2500	1	*	F, e, f, c, c, f	cm, f, c	cm, f, c	am, c	
	Eskdalemuir	1036.3	-2	-	0	F	30	95	1	5	-	-	10	10	4150	1035.8	0	SSW	1	F	33	95	1	5	-	-	10	10	4150	1	*	off, b, o, F, f, x	cm, F, f, e	off, F, d, d, d	off, F, d, d, d	
13A	Tiree	1031.2	-6	SSW	5	c	45	75	7	5	-	-	10	10	2500	1030.6	0	S, W	5	c	45	75	7	5	-	-	10	10	2500	0	4	c	c	c	b, o, b	
13B	Stornoway	1027.9	-8	SSW	5	c	47	75	7	5	6	-	7.8	9	2500	1027.5	-6	SSW	6	c	47	85	7	5	7	-	7.8	10	1500	1	3	c, b, c, c	c, q	c, p, r, q	c, u, c, h, q	
15	Dalwhinnie	1032.6	-4	SW	4	b, c	41	65	8	4	-	-	4.6	4.6	2500	1032.7	0	SW	4	b, c	39	85	8	4	-	-	4.6	4.6	1500	0	*	b, c	b, c	b, c	b, c	
	Aberdeen	1032.4	-4	SSW	1	b	44	65	6	5	-	-	Tr	Tr	4000	1032.1	-4	SW	1	b	38	85	5	S	-	-	Tr	Tr	4000	1	1	b, f, g	b, z, x	b, z, x	b, z, x	
	Wick	1031.0	+6	WSW	3	b, c	42	95	8	4	1	-	2.3	2.3	2500	1030.0	-2	SSW	2	c	43	85	8	8	6	-	4.6	7.8	1500	1	2	c, b, c	b, c, c	c, b, c	c, b, c	

REPORTS from HEALTH RESORTS for 20th DECEMBER, 1933.

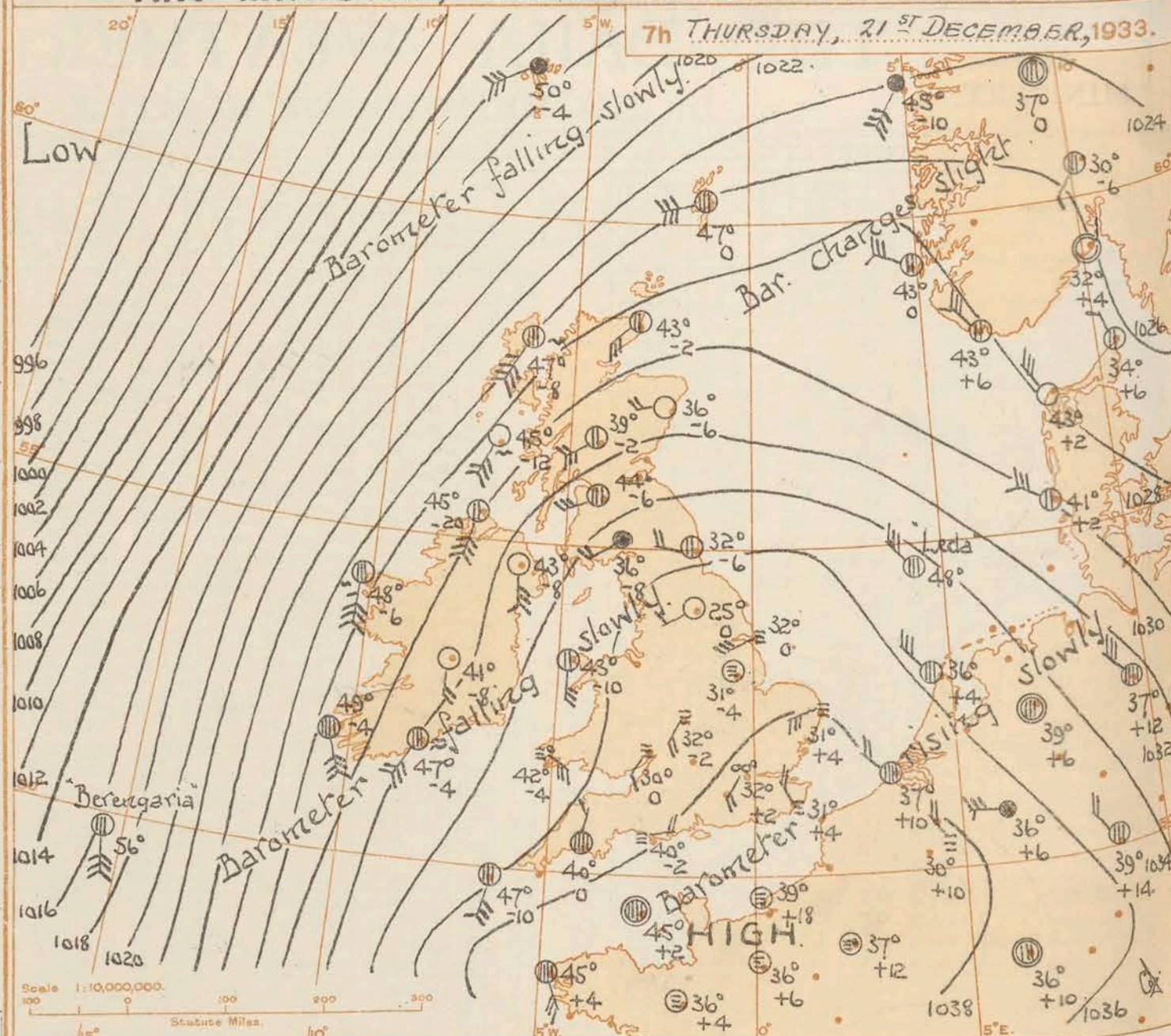
AIR MINISTRY, METEOROLOGICAL OFFICE.

7th THURSDAY, 21st DECEMBER, 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min.	Max.	Night.	Day.	Sunrise to Sunset. 20 th ...
				9h. 12 th to 9h. 20 th ...	9h. 17h. 20 th ...	17h. 12 th to 9h. 20 th ...	9h. 17h. 20 th ...	
1	Tunbridge W.	ofo	of	27	40	-	-	0.0
	Bournemouth	mo	cf	30	41	0.5	-	0.1
	Ventnor	ofo3	o3	32	40	1	-	0.0
	Southsea ...	ocm	cm	31	41	0.5	-	0.0
	Bognor Regis	c	oc	32	41	0.3	Trace	0.0
	Littlehampton	c	c	30	40	0.5	-	0.0
	Worthing ...	mo	om	32	41	Trace	Trace	0.0
	Brighton ...	f	f	32	42	-	-	0.0
	Eastbourne†	of	f	37	42	Trace	-	0.0
	Hastings† ...	omm	omm	38	42	0.3	-	0.0
	Folkestone ...	of	of	35	42	Trace	-	0.0
	Dover ...	fo	fo	36	41	Trace	Trace	0.0
	Deal ...	fo	fo	31	40	-	0.3	0.0
	Ramsgate ...	of	of	32	40	Trace	Trace	0.0
	Margate ...	cf	cf	33	40	-	0.2	0.0
2	Southend ...	of	of	31	40	Trace	Trace	0.0
	Maldon ...	of	of	37	40	-	-	0.0
	Clacton-on-Sea	of	cm	30	41	-	-	0.0
	Dovercourt ...	ocg	ocg	34	40	-	-	0.0
	Lowestoft ...	c	cf	32	43	-	-	0.0
	Skegness ...	om	mf	37	40	0.2	Trace	0.0
	Mablethorpe	cbm	bbcm	32	41	Trace	-	2.8
	Cleethorpes ...	cf	cf	32	37	0.3	-	2.0
3	Leamington S.	of	of	33	36	-	-	0.0
4	Cheltenham†	oem	om	33	36	Trace	Trace	0.0
5	Bath ...	fo	cd	34	39	0.3	Trace	0.0
	Weymouth ...	fo	cm	34	44	0.6	-	0.5
	Jersey ...	cf	c	38	45	-	-	0.0
	Torquay ...	cm	bm	29	46	0.3	-	0.9
	Penzance ...	cf	cm	33	46	Trace	-	0.0
	St. Ives ...	of	p	37	46	-	-	0.0
	Bude ...	xcbo	p	27	50	-	-	2.5
	Ilfracombe ...	og	o	37	44	-	-	0.0
6	Aberystwyth	Fzbc	bc	28	44	0.3	-	6.4
7	Llandudno ...	mo	oc	32	40	-	-	0.0
	Colwyn Bay ...	mo	o	32	39	0.3	-	0.0
	Rhyl ...	om	om	31	40	-	-	0.0
8	Wallasey ...	of	of	32	36	-	Trace	0.0
	Southport|| ...	f	om	31	35	0.2	-	0.0
	Blackpool ...	of	of	32	34	0.3	-	0.0
	Morecambe ...	km	mf	27	33	Trace	Trace	0.0
9	Ilkley ...	bm	bm	24	31	-	-	3.0
10	Berwick-on-T.	bc	bcco	32	40	-	-	5.2
11	Dunbar ...	bcm	bc	30	47	-	-	4.2
12	Troon ...	bcco	cco	36	46	-	Trace	0.0
	Douglas ...	omm	omm	39	44	0.3	-	0.0

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

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st December, 1933
1. S.E. England	Wind southwesterly, light; dull or cloudy; fog clearing slowly but tending to recur at night; temperature rising slowly, but not above normal for the season.
2. E. England...	
3. E. Midlands	
4. W. Midlands	As 8 - 10.
5. S.W. England	Wind southerly, light or moderate, fresh locally; cloudy or variable sky; local fog clearing; moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	Wind southwest or south, light or moderate; cloudy or variable sky; local fog clearing but perhaps recurring at night; rather low to moderate temperature.
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	Wind southwest or south, moderate, fresh locally; cloudy or variable sky; moderate temperature
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotland B. N. W. Scotland land.	Wind south or southwest, fresh or strong, perhaps gale on coast; cloudy; occasional local drizzle or rain; rather mild.
14. Mid-Scotland	As 11- 12.
15. N.E. Scotland	
16. Orkneys and Shetlands	Wind southwest, fresh or strong; cloudy, perhaps occasional rain; moderate temperature.
17. N.W. Ireland	As 13.
18. N.E. Ireland	Wind southerly, moderate or fresh; variable or cloudy sky; moderate temperature.
19. S.E. Ireland	
20. S.W. Ireland	As 13.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. — **TEMPERATURE** is given in degrees F.
WEATHER SYMBOLS: — ○ Clear sky. ○ Sky less than $\frac{1}{2}$ clouded. ○ Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. ○ Sky $\frac{3}{4}$ to $\frac{5}{8}$ clouded. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. ▲ Hail. ☁ Fog. ☁ Mist. T Thunder. T Thunderstorm. ☁ Slight haze.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone centred over North France is moving slowly southeast, while a deep depression on the Atlantic is moving northeast. In western districts of Ireland and Scotland weather will be cloudy, with southerly strong winds or a gale, and perhaps local rain. Elsewhere conditions will be mainly rainless. The fog in England will tend to clear slowly.

FURTHER OUTLOOK.

Milder in England and Wales, but still rather cold in the Southeast; little change in Ireland and Scotland.

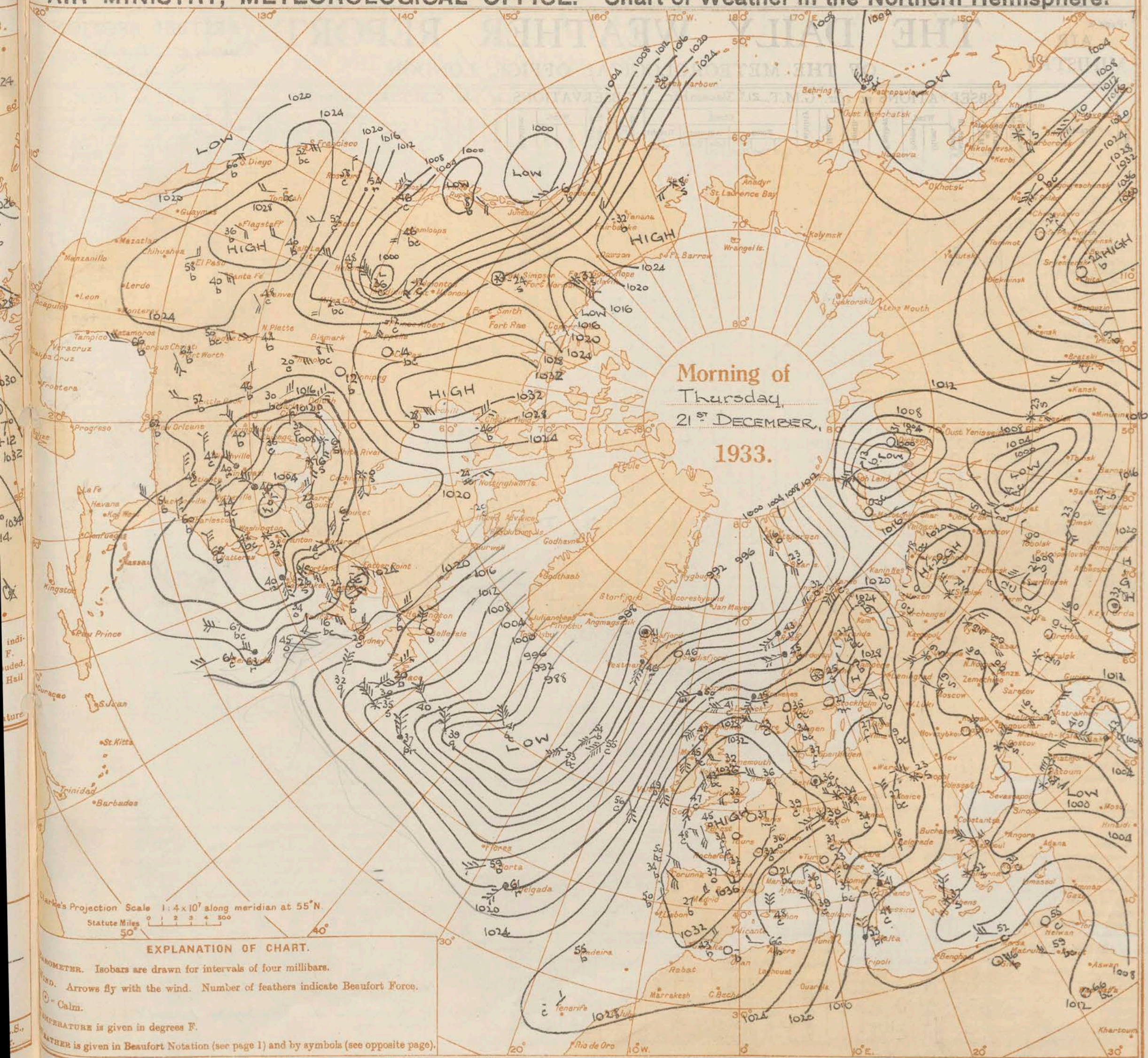
Times of issue of Gale Warnings.

- † South Cone at 1540 On 20th in 17 and 20.
- † South Cone at 1925 on 20th in 13A and 13B.

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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, 21st December 1933.
No. 26.327

STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 21 st December.														OBSERVATIONS at 7 hr. G.M.T. 21 st December.														PAST 24 HOURS.								
	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 20 th Hrs.
				Direc.	Force.					Low.	Med.	High.	Low 6-10.	Total 0-10.	Height of Base. (feet).			Direc.	Force.					Low.	Med.	High.	Low 0-10.	Total 0-10.	Height of Base (feet).			Max. Day 7h-18h °F. (31).	Min. Night 18h-7h °F. (32).	Min. on Grass °F. (33).	Day 7h-18h mm. (34).	Night 18h-7h mm. (35).	
1 London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1038.7	+4	SSW	1	O	34	95	5	5	-	-	10	10	1500	1	*	40	32	32	-	-	0.0		
Croydon ...	217	1038.3	+6	SW	2	F	32	95	1	5	-	-	10	10	<150	1038.5	+2	SW	2	30	95	5	5	-	-	10	10	1500	1	*	39	31	31	Tr	Tr	0.0	
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	1038.6	0	"	0	30	95	3	5	-	-	10	10	1500	1	*	38	32	31	Tr	Tr	0.0			
Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	*	1038.5	0	S'W	2	of	31	95	1	5	-	-	10	10	1500	1	*	38	31	31	Tr	0.1	0.0		
Calshot, (St. thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	*	1038.7	+4	"	0	34	95	1	5	-	-	10	10	1500	1	0	40	33	30	Tr	Tr	0.0			
Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NW	1	p-f	*	*	1	5	-	-	10	10	1500	*	0	41	33	*	-	Tr	0.0		
Lympne ...	346	1038.0	+4	N	2	F	34	95	1	5	-	-	10	10	<150	1038.6	+4	NW	2	f	31	95	2	5	-	-	10	10	1500	1	*	40	31	31	Tr	0.1	0.0
2 Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	1038.1	+6	SSW	1	of	33	95	3	5	-	-	10	10	800	1	*	41	31	31	-	-	0.0		
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	1038.6	+2	W	2	30	95	3	5	-	-	10	10	1500	0	0	40	29	29	Tr	Tr	0.0			
Gorleston ...	5	1037.2	-4	WS	3	F	53	95	0	5	-	-	10	10	<150	1037.0	+4	WSW	3	31	95	1	5	-	-	10	10	1500	0	1	44	29	29	-	-	0.0	
Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	1037.3	-4	"	0	31	95	1	5	-	-	10	10	1500	1	*	36	30	27	Tr	Tr	0.0			
3 Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	1037.6	-2	SSW	2	of	32	95	3	5	-	-	10	10	800	1	*	38	30	27	-	-	0.0		
Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	*	1038.2	0	SSW	1	m	32	95	4	5	-	-	10	10	1500	1	*	35	31	29	-	-	0.0		
4 Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	1037.4	0	SSW	1	of	30	95	1	5	-	-	10	10	1500	1	*	34	(30)	30	Tr	0.1	0.0		
5 Portland Bill ...	32	1038.0	+6	N	2	of	38	95	2	5	-	-	10	10	<150	1037.5	-2	E	2	F	40	95	2	5	-	-	10	10	1500	1	2	44	36	*	Tr	0.1	*
Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	1037.5	0	NNE	1	30	40	95	6	5	-	-	10	10	1500	1	2	47	36	34	-	-	1.0		
The Lizard ...	240	1037.1	+2	S	3	O	47	75	8	5	-	-	10	10	4000	1037.1	0	S'E	3	C	46	55	7	5	-	-	9+	9+	2500	0	2	47	45	*	-	0.0	
Scilly (St. Mary's) ...	163	1036.6	0	S'W	4	C	47	65	7	8	-	-	10	10	2500	1035.8	-10	S'W	4	C	47	75	7	8	-	-	9+	9+	2500	0	2	47	45	*	-	0.0	
Guernsey ...	175	1037.5	+6	"	0	O	44	75	7	5	-	-	10	10	2500	1038.0	+2	"	0	45	65	7	5	-	-	10	10	2500	0	2	47	43	39	-	-	0.0	
6 Pembroke ...	142	1036.3	0	SSE	2	bc	40	95	6	5	-	-	4-6	4-6	2500	1035.2	-4	ESE	3	30	95	6	5	-	-	10	10	1500	1	1	46	38	*	Tr	Tr	0.0	
Holyhead ...	28	1035.6	-6	SE'S	2	bc	35	95	6	5	-	-	4-6	4-6	2500	1034.3	-10	S'E	3	bc	43	85	6	5	-	-	4-6	4-6	2500	1	1	46	34	30	Tr	-	3.9
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	1037.2	-4	SSE	3	30	95	1	5	-	-	10	10	1500	1	*	38	30	31	0.1	Tr	-	0.0		
8 L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	*	1036.7	-2	SE	4	f	32	95	2	5	-	-	10	10	1500	1	*	36	32	32	Tr	-	0.0		
Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	1037.3	-2	"	0	32	95	5	5	-	-	10	10	1500	1	*	35	31	32	Tr	-	*			
9 Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	1036.8	0	WSW	1	b	25	95	7	5	-	-	Tr	Tr	800	4	*	44	24	21	-	-	5.1		
10 Spurn Head ...	29	1036.6	+2	W	3	F	31	95	0	5	-	-	10	10	<150	1036.8	0	SW	3	of	32	95	4	5	-	-	10	10	1500	5	2	37	28	*	-	5.1	
Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	1036.5	-2	S	2	f	25	95	1	5	-	-	10	10	1500	4	*	42	24	21	-	-	6.4		
Tynemouth ...	100	1035.3	-4	W	2	bcf	33	95	2	5	-	-	2-3	2-3	1500	1034.7	-6	W	2	m	32	95	4	5	-	-	4-6	4-6	800	5	1	42	31	28	-	-	0.6
11 Inchkeith ...	190	1033.4	-4	SW	4	C	42	85	8	5	-	-	10	10	2500	1032.9	-2	SW	3	C	43	85	7	5	2	-	4-6	10	1500	0	2	44	41	39	-	-	0.6
Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	1032.0	-6	SW	3	C	42	75	7	5	2	-	7-8	10	4000	1	*	41	40	38	0.1	Tr	1.2		
12 Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1032.6	-6	S'W	3	C	44	75	8	5	-	-	9+	9+	4000	1	*	44	41	38	0.1	Tr	0.0		
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1034.2	-8	SW	2	df	36	95	1	5	-	-	10	10	1500	1	*	33	33	33	0.4	0.6	1.2		
13A Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1028.2	-12	SW	5	b	45	85	8	5	7	-	Tr	1	2500	0	4	45	44	41	-	-	0.0		
13B Stornoway ...	34	1027.1	-2	SSW	7	C	47	85	6	5	7	-	7-8	9+	1500	1025.7	-12	SSW	7	C	47	85	6	8	6	-	4-6	10	1500	1	4	47	46	*	-	0.0	
15 Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	1030.9	-2	SW	5	bc	39	75	8	4	-	-	4-6	4-6	2500	1	*	41	37	31	-	-	0.1		
Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	1030.6	-6	W'S	2	b	36	85	7	5	-	-	Tr	Tr	2500	1	1	46	36	25	-	-	3.7		
Wick ...	81	1028.4	-4	SW	4	C	44	85	8	5	2	-	7-8	10	1500	1027.8	-2	SW	3	bc	43	95	8	5	-	-	2-3	2-3	2500	0	2	44	41	*	-	-	0.0
16 Lerwick ...	54	1025.9	-4	WSW	7	C	46	85	7	5	-	-	9+	9+	1500	1025.6	0	W'S	6	C/r	47	95	7	5	-	-	9+	9+	1500	1	*	48	45	*	-	0.1	0.0
17 Blacksod Point ...	18	1028.5	-2	S	6	C	49	95	7	6	-	-	10	10	800	1026.5	-6	S	7	q	48	85	7	8	-	-	10	10	800	0	4	49	45	*	-	0.0	
18 Malin Head ...	52	1030.7	0	S	3	C	44	85	7	4	-	-	7-8	7-8	1500	1027.2	-20	S	6	bc	45	75	7	4	-	-	4-6	4-6	1500	0	1	45	41	*	-	0.0	
Aldergrove ...	298	*	*	*	*	*	*	*	*	*	*	*	*	1032.4	-8	S'E	4	b	43	75	7	5	-	-	Tr	Tr	4000	1	*	45	43	39	-	-	0.0		
Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	1032.4	-8	WSW	2	C	44	75	7	5	-	-	7-8	7-8	1500	0	1	47	40	*	-	-	0.3		
19 Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	1030.5	-8	SW	2	b	41	85	8	5	-	-	0	0	-	1	*	45	39	31	-	-	0.0		
20 Valentia Obay.†	30	1030.4	-2	S	6	bc	49	95	7	8	-	-	4-6	4-6	4000	1029.1	-4	SSE	6	C/pr	49	85	8	5	-	-	10	10	1500	1	*	49	48	46	-	Tr	0.0
Roches Point...	22	*	*	*	*	*	*	*	*	*	*	*	*	1033.0	-4	SW	5	C	47	75	8	3	-	-	9	9	2500	0	5	47	42	*	-	-	0.0		

[illegible]

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

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

† 1 hr. observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures and Rainfall are for the 24 hours ending 9 h.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday, 22nd December 1933.
No. 26328

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 21 st December													OBSERVATIONS at 18h. G.M.T. 21 st December													PAST 24 HOURS.						
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. op.	Humid. %.	Visibility 0-9.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. op.	Humid. %.	Visibility 0-9.	Cloud.			State of Ground. 0-9.	Sea. 0-9.	WEATHER.								
				Direc.	Force.					Low.	Med.	High.			Low.	Total.					Height of Base (feet).	Low.	Med.			High.	Low.	Total.	Height of Base (feet).	7h.-13h. 21 st	13h.-18h. 22 nd	18h.-1st 23 rd	1h.-7h. 22 nd	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	
(For heights see p. 4.)																																		
1	London (Kew)...	1039.5	+2	SW	2	m	35	95	4	5	-	9	9	800	1039.3	0	WSW	1	F	34	95	1	-	-	-	10	10	<150	1	*	omcm	of	of	ofcm
	Croydon	1039.0	0	SW	2	m	37	95	4	-	-	0	0	-	1038.8	-2	SW	1	F	30	95	0	-	-	-	10	10	<150	1	*	omfcm	of	of	cm
	S. Farnborough	1039.4	+2	-	0	-	33	95	2	-	-	10	10	<150	1039.1	0	-	0	F	35	95	2	-	-	-	10	10	<150	1	*	ofcm	of	of	cm
	Boscombe Down	1039.0	-2	-	0	-	34	95	2	-	-	10	10	<150	1039.0	+2	SSE	1	F	34	95	1	-	-	-	10	10	<150	1	*	ofcm	of	of	c
	Calshot, S'thmtn	1039.2	-2	NE	1	-	35	95	1	-	-	10	10	<150	1039.2	+2	-	0	F	36	95	2	-	-	-	10	10	<150	1	*	ofcm	of	of	affected
	Dungeness	*	*	SW	2	-	*	*	3	-	-	10	10	<150	*	*	W	2	F	*	*	0	-	-	-	10	10	<150	1	*	ofcm	of	of	affected
	Lympe	1039.5	0	WSW	1	-	32	95	1	-	-	10	10	<150	1039.7	+4	NW	1	BF	29	95	1	-	-	-	0	0	-	5	*	ofcm	of	of	affected
2	Shoeburyness	1039.0	-2	SW	2	m	36	95	4	5	-	10	10	800	1038.7	0	WSW	1	m	31	95	4	-	-	-	0	0	-	4	*	ofcm	of	of	affected
	Felixstowe	1039.0	0	SW	1	c/s	34	95	4	5	-	9+	9+	1500	1038.7	+6	WSW	2	m	35	95	4	S	-	-	10	10	1500	1	0	fecm	cm	cm	fecm
	Gorleston	1038.6	-4	SSW	2	-	30	95	3	-	-	10	10	<150	1037.7	+4	WSW	2	3	33	95	5	S	-	-	10	10	1500	0	1	fecm	fecm	fecm	fecm
	Cranwell	1037.7	-2	SW	1	of	32	95	3	5	-	10	10	220	1037.7	+8	SW	3	F	32	95	1	-	-	-	10	10	<150	1	*	fecm	fecm	fecm	fecm
3	Birmingham	1037.8	0	SSW	2	m	37	95	4	-	-	0	0	-	1038.1	0	SW	2	c	32	95	5	S	-	-	7.8	7.8	4000	1	*	fecm	fecm	fecm	fecm
	Upper Heyford	1039.3	+2	SW	1	of	32	95	1	5	-	10	10	<150	1038.9	0	SW	1	-	32	95	3	-	-	-	10	10	<150	1	*	fecm	fecm	fecm	fecm
4	Ross-on-Wye	1037.9	0	WSW	1	c/s	32	95	2	5	-	9+	9+	4000	1037.6	0	W	1	c/s	33	95	2	S	-	-	9+	9+	4000	1	*	fecm	fecm	fecm	fecm
5	Portland Bill	1038.0	+8	E	2	0	43	95	6	5	-	10	10	1500	1038.4	+8	SW	3	0	45	85	7	S	-	-	10	10	1500	1	3	fecm	fecm	fecm	fecm
	Plymouth	1037.3	-2	SSE	4	c	46	65	8	5	-	10	10	4000	1037.7	+2	SW	4	c	47	75	8	S	-	-	10	10	1500	0	3	fecm	fecm	fecm	fecm
	The Lizard	1037.6	0	S	3	c	47	75	8	4	7	7.8	10	2500	1037.2	+4	S	3	c	48	75	8	4	7	-	7.8	10	2500	0	2	fecm	fecm	fecm	fecm
	Scilly (St. Mary's)	1036.5	-6	SSW	4	c	48	75	7	5	-	10	10	4000	1036.3	+6	SW	4	c	48	75	7	8	7	-	9	10	4000	0	2	fecm	fecm	fecm	fecm
	Guernsey	1039.1	+4	SW	1	0	46	55	7	5	-	10	10	2500	1038.9	+2	SSW	2	c	44	65	7	7	-	-	9+	9+	4000	0	1	fecm	fecm	fecm	fecm
6	Pembroke	1036.3	-2	SSW	3	q	47	65	7	5	-	9+	9+	2500	1034.7	0	SSW	3	q	48	75	7	S	-	-	9+	9+	2500	0	2	fecm	fecm	fecm	fecm
7	Holyhead	1034.3	-6	SSW	5	3	47	65	6	5	-	10	10	2500	1033.3	-2	S	4	c	46	85	6	S	-	-	10	10	2500	1	2	fecm	fecm	fecm	fecm
	Chester (Sealand)	1037.0	-6	SSE	3	3	33	95	5	5	-	2.3	2.3	800	1036.6	+2	SSE	2	m	31	95	4	-	-	-	0	0	-	1	*	fecm	fecm	fecm	fecm
8	L'pool (Bidston)	1036.3	-4	SE	4	3	32	95	2	-	-	10	10	<150	1036.5	0	S	4	b	34	95	6	-	-	-	0	0	-	1	*	fecm	fecm	fecm	fecm
	Manchester	1037.3	-2	-	-	of	32	95	1	5	-	10	10	220	1037.2	+2	-	-	of	31	95	0	-	-	-	10	10	<150	1	*	fecm	fecm	fecm	fecm
9	Harrogate	1036.4	0	S	1	bc	30	95	2	5	-	2.3	2.3	<150	1036.3	0	SSW	1	bc	30	95	3	S	-	-	1	1	<150	4	*	fecm	fecm	fecm	fecm
10	Spurn Head	1036.7	0	SW	3	of	32	95	4	5	-	10	10	450	1036.3	0	SW	2	of	32	95	0	S	-	-	10	10	<150	5	1	fecm	fecm	fecm	fecm
	Catterick	1036.3	-8	S'E	2	2	28	95	1	-	-	10	10	<150	1035.8	+4	SSE	3	F	27	95	0	-	-	-	10	10	<150	4	*	fecm	fecm	fecm	fecm
	Tynemouth	1034.1	+4	WSW	2	bc	37	75	3	5	-	4.6	4.6	1500	1034.2	+2	W	2	bc	35	85	3	S	-	-	2.3	2.3	1500	5	1	fecm	fecm	fecm	fecm
11	Inchkeith	1031.9	-2	SW	4	bc	44	85	7	5	4	2.3	2.3	1500	1031.1	0	SW	3	bc	43	85	7	S	-	-	4.6	4.6	1500	0	2	fecm	fecm	fecm	fecm
	Leuchars	1031.2	-10	SW	3	c	43	85	5	5	-	7.8	7.8	2500	1030.6	-2	SW	3	c	41	85	6	S	1	-	2.3	7.8	2500	0	*	fecm	fecm	fecm	fecm
12	Renfrew (Abbots)	1031.5	-10	SSW	2	3	47	75	6	8	6	4.6	7.8	4000	1031.2	0	SW	1	3	45	85	6	S	2	-	9	9+	4000	0	*	fecm	fecm	fecm	fecm
	Eskdalemuir	1033.6	+6	SSW	3	bc	37	35	5	5	-	10	10	220	1033.6	+4	SW	3	c	40	95	5	S	-	-	10	10	450	1	*	fecm	fecm	fecm	fecm
13A	Tiree	1027.1	-8	SW	5	c	47	85	6	5	-	10	10	2500	1025.6	-2	S	6	rr	47	95	7	6	-	-	10	10	2500	1	4	fecm	fecm	fecm	fecm
13B	Stornoway	1023.3	-14	S	8	id.	46	95	6	5	7	9	10	1500	1021.4	0	SSW	6	c/d.	48	95	6	S	2	-	7.8	10	800	1	4	fecm	fecm	fecm	fecm
15	Dalwhinnie	1029.4	-12	SW	5	c	41	75	7	4	4	4.6	7.8	800	1028.4	0	S	6	bc	42	85	8	4	-	-	4.6	4.6	1500	0	1	fecm	fecm	fecm	fecm
	Aberdeen	1029.1	-16	SW	3	b	42	65	6	-	8	0	1	-	1028.4	-6	S'E	3	c	40	85	5	-	-	-	0	9+	-	1	1	fecm	fecm	fecm	fecm
	Wick	1025.8	-4	SSW	3	bc	45	95	8	5	-	2.3	2.3	2500	1025.2	-4	SSW	5	c	47	95	8	S	5	-	4.6	7.8	1500	0	2	fecm	fecm	fecm	fecm
16	Lerwick	1025.2	+4	WSW	4	bc	48	85	7	5	6	2.3	4.6	1500	1023.6	-8	SW	4	c	45	95	7	8	1	-	7.8	9+	800	0	*	fecm	fecm	fecm	fecm
17	Blacksod Point	1025.6	-6	S	8	q	48	95	7	9	-	10	10	450	1025.9	0	S	8	id	50	95	7	9	-	-	10	10	450	1	S	fecm	fecm	fecm	fecm
18	Malin Head	1027.4	0	S	4	c	47	75	7	5	7																							

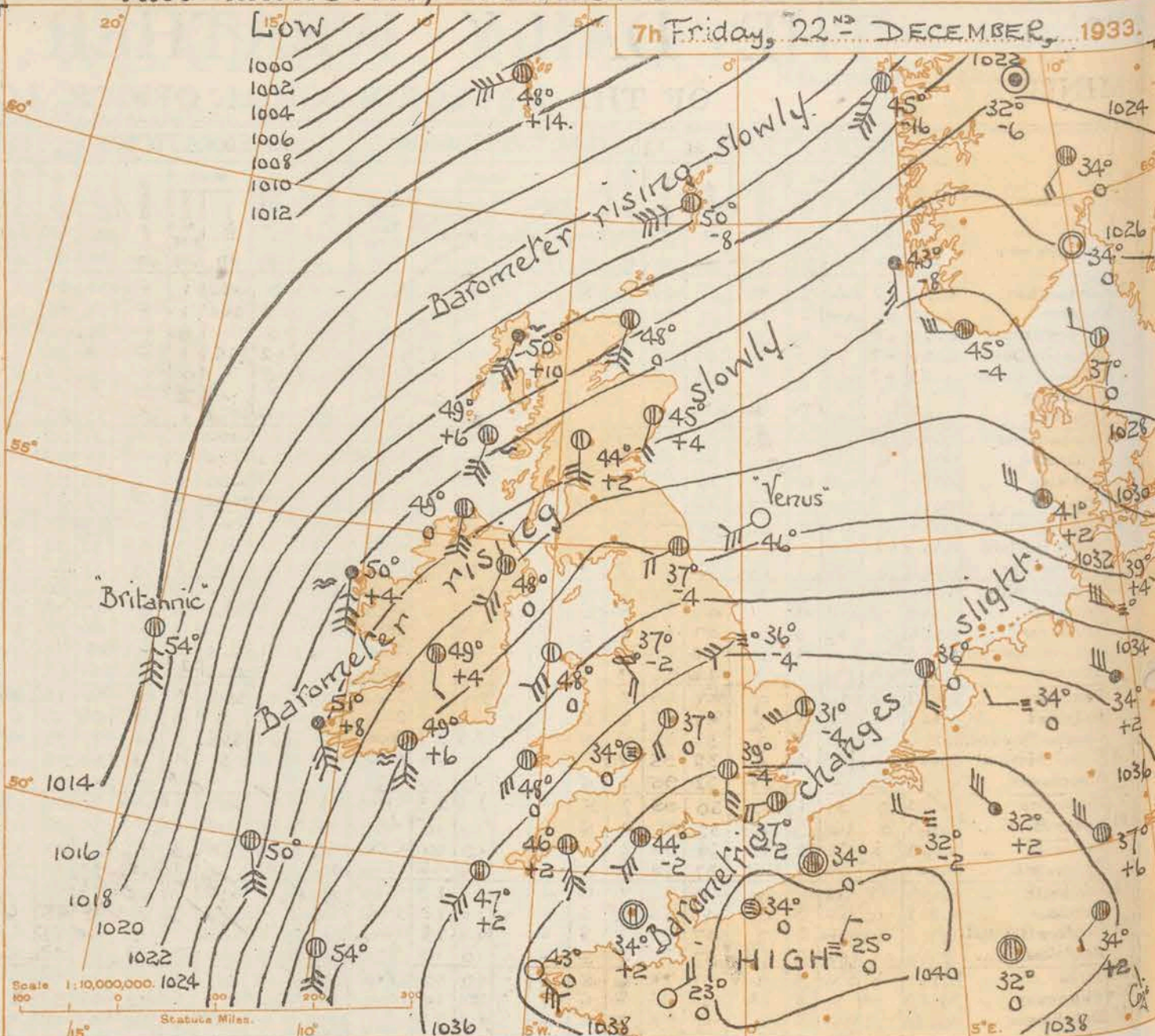
REPORTS from HEALTH RESORTS for 21st December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	
				9h. 20 th to 21 st 9h.	9h. 17h. 20 th to 21 st 9h.	17h. 20 th to 21 st 9h.	9h. 17h. 20 th to 21 st 9h.	
1	Tunbridge W.	ofbc	of	30	33	-	-	0.7
	Bournemouth	f	f	34	36	-	-	0.0
	Ventnor	low	om	36	42	Trace	-	0.0
	Southsea	of	of	32	37	-	-	0.0
	Bognor Regis	f	o	30	36	-	Trace	0.0
	Littlehampton	cfee	c	31	35	Trace	-	0.0
	Worthing	mo	om	31	37	Trace	-	0.0
	Brighton	f	f	31	38	-	-	0.0
	Eastbourne	cfcf	f	31	38	Trace	-	0.0
	Hastings	ofcf	ofcm	31	40	0.1	0.2	0.0
	Folkestone	xcfb	bf	32	37	-	-	1.9
	Dover	fcmb	mcfb	33	40	Trace	-	1.9
2	Deal	ec	o	33	38	-	-	1.2
	Ramsgate	cm	cbcm	31	38	Trace	Trace	0.5
	Margate	bcmc	cm	32	37	Trace	-	0.5
	Southend	cm	cm	33	36	-	-	0.0
	Maldon	moe	of	33	36	-	-	0.3
	Clacton-on-Sea	cogne	ogm	31	35	-	-	0.0
	Dovercourt	ecf	ecf	29	38	Trace	Trace	0.0
	Lowestoft	cf	cfec	28	32	-	-	0.0
	Skegness	fmo	o	29	34	Trace	-	0.0
	Mablethorpe	ofrm	om	28	32	-	-	0.0
	Cleethorpes	bmo	om	27	32	-	-	0.0
3	Leamington S.	of	of	31	33	-	-	0.0
	Cheltenham	ofec	caf	31	36	Trace	Trace	0.0
	Bath	ef	fcm	30	34	-	-	0.0
	Weymouth	fcm	c	34	44	-	-	0.0
	Jersey	efc	o	41	46	-	-	0.0
	Torquay	of	ofmo	36	45	-	-	0.0
	Penzance	c	c	42	49	-	-	0.0
	St. Ives	o	o	43	48	-	-	0.0
	Bude	ce	oe	29	45	-	-	0.0
	Ilfracombe	o	o	32	45	-	-	0.0
4	Aberystwyth	zc	c	33	44	-	-	0.0
	Llandudno	xb	bcbz	31	45	-	-	4.7
	Colwyn Bay	xb	b	27	47	-	-	5.6
	Rhyl	xb	b	28	42	-	-	4.9
5	Wallasey	fo	obcb	31	35	Trace	-	0.0
	Southport	fo	cbob	32	34	0.2	-	0.0
	Blackpool	of	anc	32	35	0.1	-	0.4
	Morecambe	fmbf	mxmco	27	32	-	-	0.0
6	Ilkley	fmbc	bcmf	24	29	-	-	0.0
	Berwick-on-T.	o	c	34	41	-	-	0.0
	Dunbar	bcm	bc	41	45	-	-	1.0
	Troon	cacbc	cbc	41	48	-	-	1.0
7	Douglas	omjcd	cm	40	48	-	Trace	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 Friday, 22nd DECEMBER, 1933.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd Dec. 1933
1. S.E. England	
2. E. England...	Wind southwest, light or moderate; mainly cloudy, perhaps bright intervals locally; local mist; milder.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind southerly, moderate or fresh; mainly cloudy, but local bright intervals; mild.
7. North Wales	
8. N.W. England	As 12.
9. N. Midlands	Wind southwest, light or moderate; cloudy or variable sky; local mist; milder.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Wind southwest or south, moderate or fresh; cloudy; local drizzle or slight rain; mild.
13. { A. W. Scotl. & B. N. W. Scotl. land	Wind south or southwest, fresh or strong; gale locally on coast at first; cloudy, occasional drizzle or slight rain; mild.
14. Mid-Scotland	Wind southwest, moderate or fresh; variable or cloudy sky; mild.
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	As 13.
18. N.E. Ireland	
19. S.E. Ireland	As 12.
20. S.W. Ireland	As 13.

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 1/2 cloudy. — Sky 1/2 to 3/4 cloudy. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone is centred over North France. A depression north of Iceland is moving northeast and there is a trough of low pressure on the Atlantic. Weather will be mainly cloudy generally, with drizzle or slight rain at times in the West and North. Conditions will be milder than of late over most of England.

FURTHER OUTLOOK.

Mild.

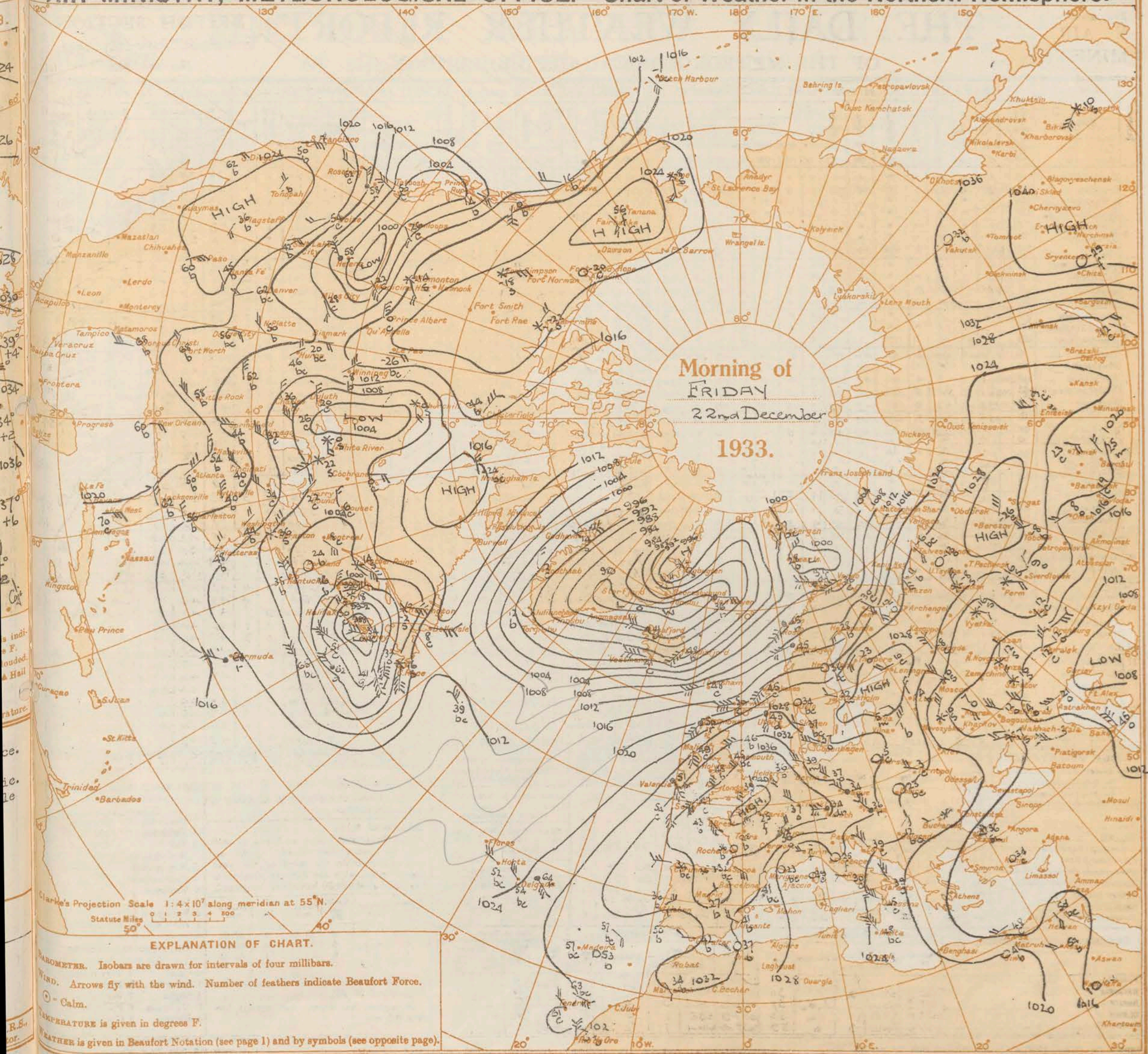
Times of issue of Gale Warnings.

- South Cone at 1540 on 20th in 17 and 20.
- South Cone at 1925 on 20th in 13A and 13B.
- South Cone at 1430 on 20th in 16.

Forecast 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.



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 22nd December 1933.
No. 26328

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 22 nd December														OBSERVATIONS at 7 hr. G.M.T. 22 nd December														PAST 24 HOURS.												
		Height above M.S.L. in feet.	Barom. m.b. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Barom. m.b. (15)	Change in 3 hours.	Wind. Direc.	Force.	Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs. (26)										
					Direc.	Force.					Low.	Med.	High.									Low.	Total 0-10	Form.			Amount.	Height of Base (feet)	Low.	Med.	High.		Low.	Total 0-10	Form.	Amount.	Height of Base (feet)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	1038.9	+2	SW	2	c	37	85	5	5	-	-	9+	9+	2500	1	*	36	34	33	-	Tr	0.0								
	Croydon ...	217	1039.1	-6	SSW	3	c	40	75	7	5	-	-	9+	9+	4000	1038.6	-4	S	3	c	39	75	6	5	-	-	10	10	2500	1	*	38	30	30	-	-	2.0				
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	1038.7	+2	SW	2	c	40	75	6	5	-	-	10	10	4000	1	*	35	35	33	-	-	0.0								
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	1038.5	+2	SW	2	c	38	85	7	5	-	-	10	10	1500	1	*	35	33	33	Tr	-	0.0								
	Calshot (S'thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	1038.2	+4	SW	2	c	40	85	7	5	-	-	10	10	1500	1	0	36	35	33	Tr	Tr	0.0								
	Dunegness ...	20	*	*	*	*	*	*	*	*	*	*	1038.2	+4	SW	1	c	*	*	*	8	-	-	7-8	7-8	1500	*	0	38	33	*	-	-	*								
	Lympe ...	346	1039.5	-4	NW	3	off	34	95	4	5	-	-	10	10	800	1038.3	-2	W	2	30	37	85	5	5	-	-	9+	9+	4000	1	*	34	28	27	Tr	0.1	0.0				
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	1038.4	-2	SSW	2	c	39	75	5	5	-	-	9+	9+	4000	1	*	36	24	20	-	Tr	0.1								
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	1038.5	0	NNW	1	cf	33	95	3	5	-	-	9	9	2500	0	0	35	29	20	Tr	Tr	0.0								
	Gorleston ...	5	1038.1	-4	WSW	3	F	31	95	1	5	-	-	10	10	<150	1038.6	-4	SW	3	bc	31	85	6	4	-	-	2-3	2-3	2500	0	1	33	28	26	-	-	0.0				
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	1038.6	0	SW	2	m	35	95	4	-	-	0	0	-	1	*	34	28	21	Tr	Tr	0.0									
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	1037.2	0	SSW	2	bc	37	95	7	5	-	-	4-6	4-6	4000	1	*	38	33	31	-	-	2.8								
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	1038.7	0	SW	1	30	36	95	6	5	-	-	9+	9+	1500	*	*	33	32	31	Tr	-	*								
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	1037.4	0	-	0	6	24	95	1	-	-	-	0	0	-	4	*	33	24	19	Tr	-	0.0								
5	Portland Bill ...	32	1038.8	-2	SSW	3	0	46	75	7	5	-	-	10	10	1500	1038.7	-2	SSW	4	0	44	85	7	5	-	-	10	10	1500	0	3	46	43	*	-	*					
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	1037.8	+2	SSE	5	c	46	75	7	5	-	-	10	10	1500	1	3	47	46	44	-	-	0.0								
	The Lizard ...	240	1037.4	0	S	4	c	47	85	7	4	-	-	9+	9+	2500	1037.4	+4	S	4	c	47	75	7	4	-	-	7-8	7-8	2500	0	3	46	*	-	*						
	Scilly (St. Mary's) ...	183	1036.1	-2	SW	5	c	48	75	7	5	-	-	10	10	4000	1036.3	+2	SSW	5	c	47	75	7	5	-	-	10	10	4000	0	3	48	46	*	-	0.0					
	Guernsey ...	175	1039.3	+2	-	0	0	43	65	7	5	-	-	10	10	4000	1039.3	+2	-	0	bc	34	85	6	5	-	-	2-3	2-3	2500	0	1	46	33	26	-	-	0.0				
6	Pembroke ...	142	1035.4	0	SSW	3	id.	49	85	7	3	-	-	10	10	1500	1034.9	0	SW	3	c	48	85	7	5	-	-	10	10	2500	0	2	48	47	*	-	Tr	0.0				
7	Holyhead ...	26	1033.4	0	SSW	4	c	49	85	6	5	-	-	10	10	4000	1033.4	0	SSW	4	bc	48	85	7	5	-	-	4-6	4-6	4000	1	2	47	45	43	-	-	0.0				
8	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	1035.1	-2	SE	2	30	37	95	5	5	2	-	7-8	10	2500	1	*	34	29	23	-	Tr	0.9								
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	1035.2	0	SE	2	c	37	95	6	5	-	-	7-8	7-8	2500	1	*	34	33	32	-	-	0.5								
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	1035.8	-2	*	m	34	95	4	5	-	-	10	10	800	1	*	33	28	24	Tr	Tr	*									
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	1034.7	-6	SSW	1	b	37	85	5	-	4	-	0	Tr	-	4	*	32	29	23	-	-	0.0								
10	Spurn Head ...	29	1035.7	-4	SW	5	cf	33	95	4	5	-	-	7-8	7-8	<150	1035.2	-4	SW	4	m	36	95	4	5	-	-	4-6	4-6	150	5	3	33	30	*	-	0.0					
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	1033.9	-2	SE	2	of	33	95	3	5	-	-	10	10	2500	4	*	29	26	26	-	-	0.0								
	Tynemouth ...	100	1032.6	-6	W	2	bc	32	95	4	5	-	-	4-6	4-6	800	1031.5	-4	WSW	2	m	37	95	4	5	-	-	7-8	7-8	1600	5	1	37	32	29	-	-	0.0				
11	Inchkeith ...	190	1030.1	-4	SW	4	c	45	95	7	5	2	-	4-6	10	1500	1029.8	+2	SW	3	0	46	95	7	5	-	-	10	10	1500	0	1	45	42	40	-	-	2.4				
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	1029.3	+3	SW	3	c	48	85	6	5	-	-	10	10	1500	1	*	44	39	35	-	-	1.0								
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	1030.1	+2	SW	1	c	48	85	8	5	-	-	10	10	2500	1	*	47	44	41	-	Tr	2.5								
	Eakdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	1032.0	0	SW	4	bc	43	95	6	5	-	-	10	10	800	1	*	40	39	39	0.1	0.1	0.0								
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	1025.7	+6	SW	6	0	49	95	6	5	-	-	10	10	2500	1	4	47	47	45	0.3	1	0.0								
13a	Stornoway ...	34	1020.8	-8	SSW	8	dg	49	95	6	8	2	-	2-3	10	1500	1021.2	+10	SSW	6	bc	50	95	5	8	-	-	10	10	1500	1	4	48	46	*	0.1	3	0.0				
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	1028.9	+2	S	5	bc	44	95	8	4	-	-	2-3	2-3	2500	0	*	42	40	37	-	-	0.7								
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	1027.5	+4	SW	2	bc	45	95	6	-	7	-	0	4-6	-	1	1	42	40	37	-	Tr	4.3								
	Wick ...	81	1023.5	-4	SSW	5	c	47	95	8	8	1	-	4-6	7-8	1500	1023.6	0	SSW	5	c	48	95	8	8	-	-	7-8	9+	1500	0	3	47	46	*	-	0.8					
16	Lerwick ...	54	1021.3	-10	WSW	6	ir	48	95	7	6	2	-	4-6	10	800	1019.9	-9	WSW	8	c	50	95	7	5	-	-	10	10	800	0	*	49	45	*	Tr	0.1	0.8				
17	Blacksod Point ...	18	1025.2	0	S	8	id	50	95	7	9	-	-	10	10	450	1026.0	+4	S	8	ir	50	95	7	6	-	-	10	10	450	1	5	50	45	*	1	2	*				
18	Malin Head ...	52	1025.7	0	S	5	c	48	85	7	6	-	-	9	9	1500	1026.5	0	S	5	u	49	85	7	6	-	-	9	9	1500	0	1	48	46	*	-	1.7					
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	1030.8	0	SW	5	of	48	85	7	5	2	-	4-6	10	1500	1	*	47	44	44	-	Tr	1.8								
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	1030.5	0	-	0	c	46	95	7	5	-	-	7-8	7-8	1500	0	0	49	44	*	-	-	2.4								
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	1030.2	+4	S	1	c	49	95	8	5	-	-	7-8	7-8	2500	0	*	49	46	43	-	-	2.4								
20	Valentia Obsy.†	30	1028.7	-6	S	6	ir	50	95	6	9	-	-	10	10	2500	1029.2	+8	SSE	6	pr	51	95	7	5	-	-	10	10	1500	1	*	50	50	48	0.6	2	0.0				
	Roches Point...	22	*	*	*	*	*	*	*	*	*	*	1032.4	+6	S	5	c	49	85	7	5	-	-	9	9	2500	0	5	49	48	*	Tr	-	*								
LONDON OBSERVATIONS.		Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sun- shine to Sunset hrs.	Humidity.		Atmospheric Pollution.		EXPLANATION OF FIGURES, LETTERS, etc.																										
Day 7h-18h, Kew & Croydon.			Morning, Afternoon, Night.			Day Max.	Night Min.	Min. on Grass	Day.	Night.		15h. G.M.T. %	9h. G.M.T. %	Variability 9h.	Milligrams of Solid Impurity per cubic metre.		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 ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground. Beau- fort No. Statute m/h. Beau- fort No. Statute m/h. Beau- fort No. Statute m/h. COLUMNS 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.																									
9h-18h, Kensington.			24 hrs. ended 9h.			°F.	°F.	°F.	mm.	mm.					Yesterday.	To-day.											24 hrs. ended 7h. G.M.T. 22 nd .															
9h-21h, other stations, except Greenwich & Hampstead rainfall, 9h-18h.																																										
Kew ...	18	omom	cf	oFefcm	36	34	33	-	Tr	0.0	.	.	.	5	COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																											
CROYDON ...	217	omffbm	bncfoFF	oFbcm	38	30	30	-	-	2.0	88	78	3																													
GREENWICH (Royal Observatory) ...	149	off	obbfFe	Fefcf	38	35	29	-	-	0.0	.	.	.	3																												
CITY (Bunhill Row) ...	-	.	.	.	.	.	.	.	.	.	.	.	.	.															
WESTMINSTER (St. James' Park) ...	27	.	.	.	35	35	32	-	-	0.0	93	78	.																													

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.O.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 and Rainfall are for the 24 hours ending 9 h.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 22 nd December													OBSERVATIONS at 18h. G.M.T. 22 nd December													PAST 24 HOURS.																			
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			Height of Base (feet)		State of Ground.	Sea.	WEATHER.																	
				Dir.	Force					Form.	Amount.	Height of Base (feet)						Dir.	Force					Form.	Amount.	Height of Base (feet)					7h.-18h. 22 nd Dec.	18h.-18h. 23 rd Dec.	18h.-18h. 23 rd Dec.	1h.-Th. 23 rd Dec.													
(For heights see p. 4.)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)												
1	London (Kew)...	1040.5	0	SW	2	C	44	75	5	-	-	-	10	10	2500	1040.8	+2	SW	2	C	39	75	5	-	-	9+	9+	4000	0	*	C ₃	C ₃	C ₃ m ₀	C m ₀													
	Croydon ...	1040.0	+2	SSW	3	C	44	65	6	-	-	-	9+	9+	4000	1040.4	+6	SW	3	3	39	65	6	-	3	-	0	7.8	-	1	*	C m ₀	C ₃ bc ₃	bc m ₀	C m ₀												
	S. Farnborough ...	1040.2	+2	SW	3	C	43	65	6	-	-	-	10	10	4000	1040.7	+4	SW	2	C	35	85	6	-	-	7.8	7.8	4000	1	*	C m ₀	3.0 c m ₀	bc m ₀	C m ₀													
	Boscombe Down ...	1040.0	0	SW	3	C	42	65	7	-	-	-	10	10	4000	1040.7	+6	SW	1	C	39	75	7	-	-	10	10	2500	0	*	C m ₀	C	bc	bc m ₀													
	Calshot, S'thmtn ...	1040.5	-2	SW	1	C	44	65	7	-	-	-	9+	9+	4000	1040.8	+6	-	0	6	33	85	6	-	-	0	0	-	0	0	C	cbcbm, x	bb	co m ₀													
	Dungeness ...	*	*	SW	1	C	*	*	5	2	*	-	4.6	10	1500	*	*	WSW	2	C	*	*	6	-	-	7.8	7.8	1500	*	1	*	C	C	0	0												
	Lymington ...	1040.8	-2	WSW	2	C	41	75	6	-	-	-	9+	9+	4000	1041.5	+8	W	2	3	37	75	6	-	-	0	0	-	1	*	C m ₀	C ₃	bc m ₀	0.3. 2.													
2	Shoeburyness ...	1040.0	-4	SW	2	C	42	75	5	-	-	-	10	10	2500	1040.3	+6	SW	2	C	37	85	6	-	3	-	0	9	-	1	*	C m ₀	C m ₀	C m ₀ bc m ₀	C m ₀												
	Felixstowe ...	1039.9	-2	SW	2	m	40	85	4	-	-	-	9+	9+	4000	1040.0	+8	SW	1	C	39	85	3	-	-	9+	9+	4000	0	0	bc m ₀	bc m ₀	C m ₀	C m ₀													
	Gorleston ...	1039.1	-6	SW	3	m	40	85	4	-	-	-	9+	9+	2500	1039.9	+4	WSW	2	3	41	85	5	-	-	10	10	2500	0	1	bc m ₀	C m ₀	C m ₀	C m ₀													
	Cranwell ...	1037.8	+2	SW	2	C	41	95	5	-	-	-	10	10	1500	1038.3	+4	SW	2	C	42	95	5	-	-	10	10	2500	1	*	bc m ₀	C m ₀	C m ₀	C m ₀													
3	Birmingham ...	1038.4	+2	SSW	2	m	41	85	4	-	-	-	10	10	4000	1039.4	+6	SSW	2	0	41	85	6	-	-	10	10	2500	1	*	C	C	C	C													
	Upper Heyford ...	1039.5	-2	SW	2	3	42	85	6	-	-	-	2.3	4.6	4000	1040.2	+6	WSW	2	3	39	85	6	-	-	9+	9+	4000	0	*	C	C	C	C													
4	Ross-on-Wye ...	1038.3	+4	SW	3	C	41	85	6	-	-	-	10	10	4000	1039.0	+6	SSW	2	3	40	75	6	-	-	9+	9+	4000	1	*	C	C	C	C													
5	Portland Bill ...	1039.8	+6	SW	3	C	44	85	7	-	-	-	10	10	1500	1040.4	+4	SSW	2	6	44	85	8	-	-	0	0	-	0	3	C	C	C	C													
	Plymouth ...	1039.4	+2	SSE	4	C	45	65	8	-	-	-	10	10	4000	1039.4	+2	SE	3	C	42	65	8	-	-	7.8	7.8	2500	0	2	C	C	C	C													
	The Lizard ...	1038.7	0	SSE	3	C	45	65	8	-	-	-	7.8	10	2500	1038.7	0	SE	3	C	42	65	8	-	-	7.8	7.8	2500	0	3	C	C	C	C													
	Scilly (St. Mary's) ...	1038.0	0	SSW	4	C	45	75	7	-	-	-	10	10	4000	1037.9	+2	S'E	4	C	43	75	7	-	-	10	10	4000	0	2	C	C	C	C													
	Guernsey ...	1039.5	-4	SE	2	b	44	65	6	-	-	-	0	0	-	1039.6	0	SE	2	6	39	75	8	-	-	0	0	-	0	2	C	C	C	C													
6	Pembroke ...	1037.1	+4	SSW	3	q	48	75	7	-	-	-	10	10	2500	1037.8	+2	SSW	3	3	47	75	7	-	-	10	10	2500	0	3	C	C	C	C													
7	Holyhead ...	1035.5	+6	SSW	4	C	49	85	6	-	-	-	9+	9+	1500	1036.5	+10	SSW	4	bc	48	85	6	-	-	4.6	4.6	1500	1	2	C	C	C	C													
	Chester (Sealand) ...	1036.8	-2	W	1	C	49	75	6	-	-	-	4.6	7.8	1500	1038.2	+12	-	0	C	45	75	6	-	-	9	9	2500	1	*	C	C	C	C													
8	L'pool (Bidston) ...	1036.8	0	W	3	bc	48	75	6	-	-	-	4.6	4.6	2500	1038.2	+8	WSW	2	C	45	85	7	-	-	2.3	3	2500	0	*	C	C	C	C													
	Manchester ...	1036.8	-2	-	-	C	44	95	4	-	-	-	0	7.8	-	1038.0	+10	-	-	43	95	3	-	-	10	10	450	1	*	C	C	C	C														
9	Harrogate ...	1035.7	+6	SSW	3	C	44	85	6	-	-	-	0	9	-	1036.2	+6	SW	3	bc	45	85	7	-	-	0	4.6	-	1	*	C	C	C	C													
10	Spurn Head ...	1036.0	-2	WSW	3	C	40	95	3	-	-	-	10	10	1500	1036.6	+2	SW	3	bc	41	95	3	-	-	10	10	1500	0	2	C	C	C	C													
	Catterick ...	1033.8	-10	WSW	5	bc	48	75	7	-	-	-	7.8	4.6	2500	1035.5	+12	WNW	1	6	45	85	7	-	-	0	0	-	1	*	C	C	C	C													
	Tynemouth ...	1033.2	0	WSW	2	m	47	85	4	-	-	-	7.8	7.8	1500	1033.7	+10	WSW	2	bc	46	85	5	-	-	2.3	2.3	1500	1	1	C	C	C	C													
11	Inchkeith ...	1030.9	+8	SW	4	C	47	95	8	-	-	-	10	10	2500	1032.9	+8	SW	3	C	47	85	8	-	-	10	10	2500	0	2	C	C	C	C													
	Leuchars ...	1030.6	0	SW	3	C	49	85	7	-	-	-	9+	9+	1500	1031.9	+18	SW	4	id.	48	85	7	-	-	10	10	1500	1	*	C	C	C	C													
	Renfrew (Abbots) ...	1031.5	+6	SSW	4	3	49	85	6	-	-	-	10	10	1500	1033.1	+10	SW	4	3	49	85	6	-	-	10	10	1500	1	*	C	C	C	C													
	Eskdalemuir ...	1032.9	+6	SSW	4	do do	43	95	4	-	-	-	10	10	220	1033.5	+10	SSE	3	do	43	95	6.5	-	-	10	10	800	1	*	C	C	C	C													
13a	Tiree ...	1021.3	0	SSW	5	C	50	95	6	-	-	-	10	10	2500	1029.3	+20	SSW	5	do	49	95	6	-	-	9+	10	2500	1	4	C	C	C	C													
13b	Stornoway ...	1021.6	-4	SSW	8	10	50	95	6	-	-	-	7.8	10	1500	1022.6	+2	SSW	8	C	53	85	6	-	-	4.6	10	1500	1	4	C	C	C	C													
15	Dalwhinnie ...	1021.4	-2	SW	5	id.	45	95	4	-	-	-	7.8	10	450	1029.9	+12	SW	5	C	45	95	7	-	-	7.8	10	800	1	1	C	C	C	C													
	Aberdeen ...	1021.1	-2	SW	4	bc	50	85	6	-	-	-	0	4.6	-	1030.0	+12	SSW	3	bc	48	85	6	-	-	1	4.6	2500	1	1	C	C	C	C													
	Wick ...	1025.1	+18	SSW	5	C	49	95	8	-	-	-	4.6	9	1500	1025.0	0	SSW	5	C	49	95	8	-	-	4.6	9	1500	0	3	C	C	C	C													
16	Lerwick ...	1022.7	+6	WSW	6	rr	49	95	6	-	-	-	10	10	800	1022.4	0	SW	6	cl	50	95	7	-	-	9+	9+	800	1	*	C	C	C	C													
17	Blacksod Point ...	1028.0	+4	S	3	id	51	95	7	-	-	-	10	10	450	1029.3	+12	S	3	C	50	95	7	-	-	10	10	450	1	4	C	C	C	C													
18	Malin Head ...	1028.6	+14	S	4	C	50	85	7	-	-	-	7.8	9	1500	1031.2	+14	S	4	C	50	85	7	-	-	9+	9+	1500	0	1	C	C	C	C													
	Aldergrove ...	1032.3	-2	SW	4	3	49	85	7	-	-	-	10	10	1500	1033.9	+10	SW	4	3	49	85	7	-	-	9+	9+	1500	1	*	C	C	C	C													
	Donaghadee ...	1033.0	-4	W	2	C	48	85	8	-	-	-	7.8	7.8	1500	1034.5	+12	-	0	C	49	85	7	-	-	9	9	1500	0	0	C	C	C	C													
19	Birr Castle ...	1033.0	+4	S	3	C	49	85	7	-	-	-	10	10	2500	1033.8	+12	S	2	0	48	95	7	-	-	10	10	2500	0	*	C	C	C	C													
20	Valentia Obay ...	1031.5	+4	S'E	5	0																																									

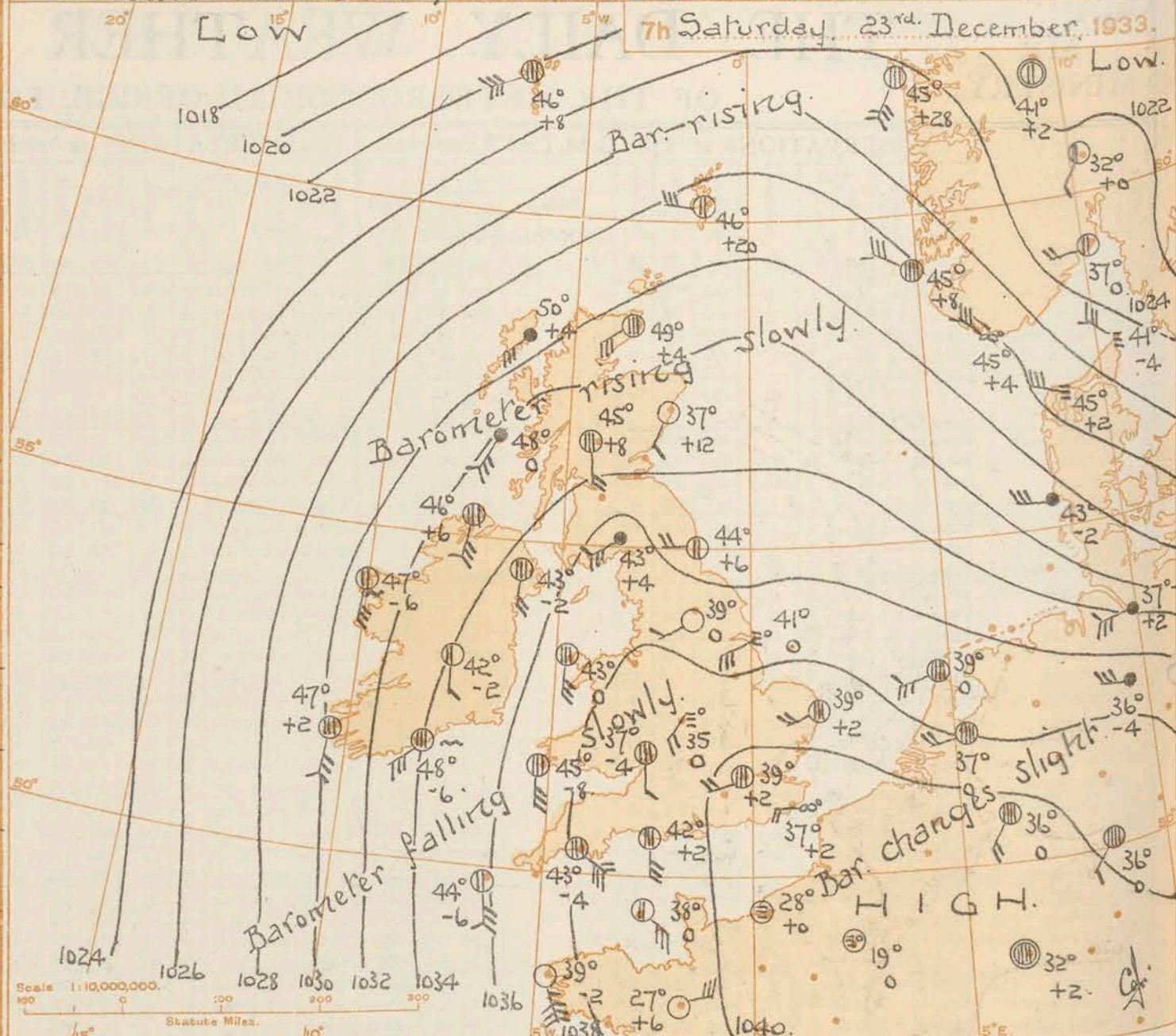
REPORTS from HEALTH RESORTS for 22nd December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 2h.	Max. 2h. to 9h.	Night. 17h. to 9h.	Day. 9h. to 17h.	
1	Tunbridge W.	oc	oc	29	43	Trace	-	0.0
	Bournemouth	mo	om	34	44	-	-	0.0
	Ventnor	ob	b3	37	47	-	-	3.9
	Southsea	c	c6m	34	45	-	-	2.8
	Bognor Regis	c	c6	32	46	-	-	2.6
	Littlehampton	c6c6	b	31	47	-	-	2.0
	Worthing	mo	c6c6	31	45	-	-	1.6
	Brighton	c6c	b6	32	45	-	-	0.0
	Eastbourne†	c	c	35	44	-	-	0.0
	Hastings†	c6c	c	38	43	-	-	0.0
	Folkestone	xof	of	31	44	-	-	0.0
	Dover	fo	om	34	45	-	-	0.0
2	Deal	o	o	32	44	-	-	0.0
	Ramsgate	com	am	31	43	-	-	0.0
	Margate	c	c	32	43	-	-	0.0
	Southend	cmbc	bcmc	31	41	Trace	-	0.0
	Maldon	o	o	32	42	-	-	0.0
	Clacton-on-Sea	cm	c6cm	28	39	-	-	0.0
	Dovercourt	xocf	bccmf	28	42	Trace	-	0.0
3	Lowestoft	cfc	cfc	27	40	-	-	0.1
	Skegness	o	am	28	41	Trace	-	0.0
	Mablethorpe	c6cmo	am	28	42	-	-	1.3
	Cleethorpes	cmo	o	28	41	-	-	0.1
	Leamington S.	o	o	29	43	-	-	0.0
	Cheltenham†	b6mb	bccom	36	41	-	-	3.6
4	Bath	c	c	30	45	-	-	0.0
	Weymouth	c	c	30	45	-	-	0.0
	Jersey	bfb	b3	33	45	-	-	7.0
	Torquay	c3	oc	38	46	-	-	0.0
	Penzance	c	c	42	49	-	-	0.0
	St. Ives	o	o	46	47	-	-	0.0
	Bude	oc	c	33	46	-	-	0.0
5	Ilfracombe	o	o	42	46	-	-	0.0
	Aberystwyth	co	o	40	46	-	-	0.0
	Llandudno	c6c	bcc	36	51	-	-	2.8
	Colwyn Bay	c6c	bcc	39	49	-	-	4.5
	Rhyl	c6c	bcc	31	50	0.1	-	4.5
	Wallasey	ffbc	bcc	31	50	-	-	1.5
	Southport	bco	o	32	43	-	-	0.0
6	Blackpool	o	c	33	47	-	-	0.1
	Morecambe	c	c	27	45	0.3	-	0.0
	Ilkley	c	c	22	45	-	-	0.0
	Berwick-on-T.	oc	b6	38	47	Trace	-	0.0
	Dunbar	b6	b6	39	51	-	-	0.3
	Troon	c6c	o	43	50	Trace	-	0.0
	Douglas	c6bc	bccbc	42	51	-	-	3.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Saturday, 23rd December, 1933.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd Dec. 1933.
1. S.E. England	Wind southwest or south, light cloudy or variable sky; perhaps mist or fog later; moderate or rather low temperature.
2. E. England...	
3. E. Midlands	
4. W. Midlands	As 8.
5. S.W. England	Wind southeast or south, moderate, fresh locally; cloudy or variable sky; moderate or rather low temperature.
6. South Wales	
7. North Wales	
8. N.W. England	Wind southerly, light; cloudy or variable sky; local mist perhaps fog later; moderate or rather low temperature.
9. N. Midlands	
10. N.E. England	As 0-3
11. S.E. Scotland	Wind southwest, light; variable sky; rather mild, or moderate temperature.
12. S.W. Scotland & Isle of Man	Wind southwest or south, moderate; cloudy; perhaps local drizzle; moderate temperature or rather mild.
13. { A. W. Scotl. B. N.W. Scot- land	Wind southwest or south, moderate, fresh locally; cloudy, local occasional drizzle or rain; rather mild.
14. Mid-Scotland	
15. N.E. Scotland	Wind southwest, moderate; mainly fair; mild.
16. Orkneys and Shetlands	
17. N.W. Ireland	As 19-20
18. N.E. Ireland	As 12.
19. S.E. Ireland	Wind southerly, moderate or fresh; variable or cloudy sky; perhaps local drizzle or rain; rather mild.
20. S.W. Ireland	

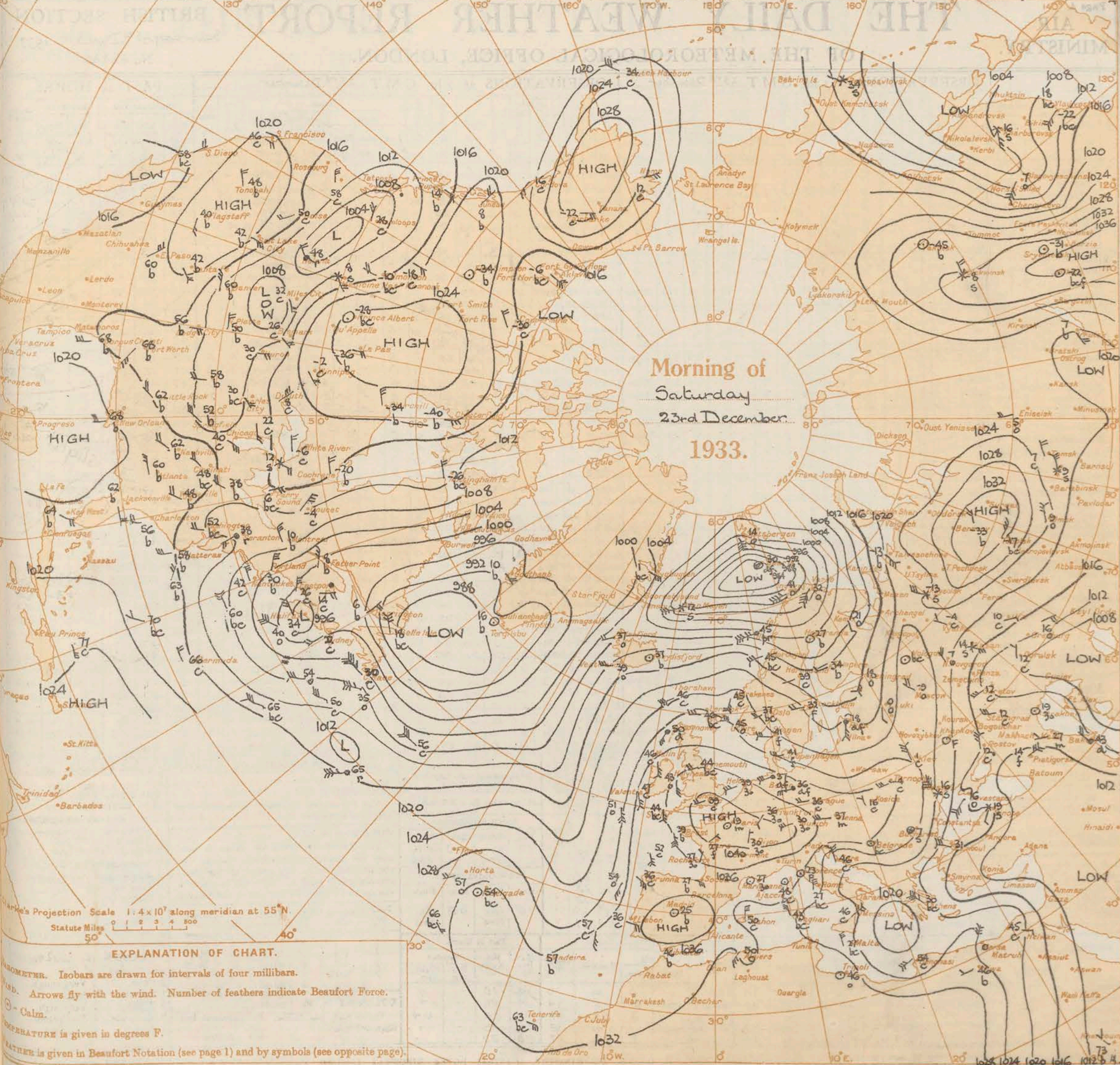
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol.
WEATHER SYMBOLS: — Clear sky. — Sky less than $\frac{1}{2}$ clouded. — Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.
 A large anticyclone is centred over France, while a trough of low pressure on the Atlantic is moving slightly east. Weather will be mainly cloudy. Occasional drizzle or rain is probable in the extreme West and North. Local fog may develop later in eastern and central districts of England. Conditions will be rather mild in the West and North but temperature will be about or rather below normal over most of England.

FURTHER OUTLOOK.
 Rather mild in the West and North, with drizzle or slight rain locally; moderate or rather low temperature, and perhaps some mist or fog, in the Southeast.

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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday, 23rd December 1933.
No. 26329

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 23 rd December														OBSERVATIONS at 7 hr. G.M.T. 23 rd December														PAST 24 HOURS.								
		Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs.
					Direc.	Force.					0-12	Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base. (feet)	Low.					Med.	High.	Low. 0-10	Total 0-10	Height of Base (feet)	Max. Day 7h-18h °F.			Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)			
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1041.0	0	W'S	1	C	36	85	6	5	-	-	10	10	2500	0	*	44	36	32	-	-	0.0		
	Croydon ...	217	1041.1	+2	W'S	2	C	36	85	6	5	-	-	10	10	1040.8	-2	WSW	2	C	39	75	6	5	-	-	10	10	2500	1	*	44	34	31	-	-	0.0	
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	1040.3	0	S	1	O	36	85	6	5	-	-	10	10	2500	4	*	44	31	23	-	-	0.0		
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	*	1040.1	-2	S'W	2	C	37	85	6	5	-	-	10	10	1500	0	*	42	33	28	-	-	0.0		
	Calshot, (S' thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	*	1040.3	-2	NNW	1	m	35	85	4	5	-	-	10	10	1500	4	0	44	28	18	-	-	1.0		
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	W	1	C	*	*	6	5	-	-	24	24	1500	*	0	43	29	*	-	-	*		
	Lympe ...	346	1041.4	-4	NW	2	30	36	75	6	5	-	-	10	10	1041.4	0	W	2	30	36	75	6	5	-	-	10	10	2500	4	*	41	33	22	-	-	0.0	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	1040.7	+2	W	1	C	36	85	6	5	-	-	10	10	2500	1	*	43	33	28	-	-	0.0		
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	1040.7	+2	W'S	1	m	37	85	4	5	-	-	10	10	2500	0	0	41	35	32	Tr	-	0.2		
	Gorleston ...	5	1039.1	+2	WSW	3	C	40	85	6	5	-	-	10	10	1039.4	+2	SWW	2	C	39	85	6	5	-	-	10	10	2500	0	1	41	39	37	-	-	0.0	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	1039.0	0	SW	3	30	39	85	5	5	-	-	10	10	1500	1	*	43	38	37	-	-	0.2		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	1039.7	0	SSW	2	C	35	85	7	4	-	-	10	10	2500	1	*	42	33	28	-	-	0.0		
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	*	1040.6	0	SW	1	30	36	85	6	5	-	-	24	24	800	0	*	43	32	22	-	-	0.0		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	1039.0	-4	S	1	C	37	85	7	5	-	-	10	10	4000	1	*	42	34	25	-	-	0.3		
5	Portland Bill ...	32	1040.0	-4	S	4	C	43	85	7	5	-	-	7.8	7.8	1039.7	+2	S	3	C	42	85	7	5	-	-	10	10	2500	0	3	45	42	*	-	*		
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	1038.5	-4	ESE	5	C	43	75	7	7	-	-	9	9	2500	1	3	47	38	34	-	-	0.0		
	The Lizard ...	240	1038.4	-2	ESE	3	bc	44	75	8	8	-	-	2.3	2.3	1037.4	0	ESE	4	bc	43	85	8	8	-	-	4.6	4.6	2500	0	2	47	41	*	-	*		
	Scilly (St. Mary's) ...	163	1037.3	-6	S/E	5	C	44	75	7	8	-	-	7.8	7.8	1035.9	-6	S/E	4	bc	44	85	8	5	-	-	2.3	2.3	4000	0	2	47	42	*	-	0.0		
	Guernsey ...	175	1039.5	-2	SSE	3	b	41	75	7	-	-	-	0	0	1039.5	0	SE	3	bc	38	75	7	8	-	-	2.3	2.3	2500	5	2	45	38	30	-	-	6.8	
6	Pembroke ...	142	1037.9	0	SE	3	C	44	75	7	5	-	-	10	10	1037.3	-8	S	3	30	45	85	7	5	-	-	10	10	2500	0	3	49	43	*	-	0.0		
7	Holyhead ...	26	1037.0	0	SSW	4	C	46	85	6	5	-	-	10	10	1036.9	0	S	3	30	43	75	6	5	-	-	10	10	2500	0	2	50	43	41	-	-	0.0	
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	1038.5	0	S	1	m	36	85	4	5	-	-	9	9	1500	1	*	51	33	23	-	Tr	0.3		
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	*	1038.3	0	W	1	C	39	75	7	5	-	-	9	9	2500	0	*	48	39	38	-	-	2.7		
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	1038.4	0	*	*	30	44	85	6	5	-	-	10	10	2500	1	*	46	40	38	-	-	*		
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	1037.5	0	SW	1	b	39	85	6	-	-	0	Tr	-	1	*	45	39	31	-	-	0.6			
10	Spurn Head ...	29	1036.7	0	SW/S	3	m/f	42	95	4	5	-	-	10	10	1036.8	0	SWW	3	m	41	85	4	5	2	-	7.8	10	450	0	2	42	40	*	-	0.0		
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	1037.2	+8	SW/S	2	b	37	85	8	4	-	-	Tr	Tr	5700	4	*	48	34	28	-	-	3.6		
	Tynemouth ...	100	1035.6	+2	WSW	2	bc	44	85	7	5	-	-	2.3	2.3	1035.7	+6	W	2	bc	44	85	7	5	-	-	2.3	2.3	1500	1	1	49	43	37	-	-	*	
11	Inchkeith ...	190	1033.7	+4	SW	3	C	46	95	8	8	-	-	10	10	1035.0	+6	SW	3	C	47	95	7	5	2	-	4.6	10	1500	0	2	47	45	44	-	-	0.0	
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	1033.9	+14	WSW	3	bc	46	95	7	5	-	-	1.2	4.6	1500	1	*	50	45	42	Tr	Tr	0.0		
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1034.7	+4	SW/S	3	C	47	95	7	5	-	-	10	10	1500	1	*	50	47	46	-	-	0.0		
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1035.4	+4	SW	4	id	43	95	6	5	-	-	10	10	450	1	*	44	43	42	0.6	0.3	0.0		
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1032.3	0	SSW	4	id	48	95	6	6	2	-	9	10	2500	1	3	50	47	46	0.3	0.4	0.0		
13B	Stornoway ...	34	1029.5	+20	SW	2	C	50	85	7	5	7	-	7.8	10	1029.9	+4	SW	3	id	50	95	7	8	7	-	7.8	34	1500	1	2	53	49	*	1	0.4	0.0	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	1032.6	+8	S	2	C	45	95	8	4	2	-	4.6	10	800	0	*	46	42	41	Tr	-	0.0		
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	1032.9	+12	SSW	1	b	37	95	6	5	-	-	1	1	4000	1	1	50	37	33	-	Tr	3.4		
	Wick ...	81	1029.4	+10	WNW	3	C	51	95	8	8	1	-	4.6	7.8	1030.7	+4	SW	3	C	49	95	8	5	1	8	4.6	9	2500	0	2	51	47	*	-	-	0.0	
16	Lerwick ...	54	1024.8	+32	WNW	4	bc	48	93	8	5	-	-	4.6	4.6	1029.0	+20	W	3	bc	46	95	8	4	1	-	2.3	4.6	1500	1	*	51	45	*	2	1	0.0	
17	Blacksod Point ...	18	1031.9	+4	S	3	C	49	85	7	8	-	-	7.8	7.8	1032.9	-6	S	3	bc	47	85	7	8	-	-	4.6	4.6	800	1	4	51	45	*	1	0.3	*	
18	Malin Head ...	52	1032.8	+10	S	4	C	48	95	7	8	-	-	9	9	1032.6	+6	S	4	C	46	85	7	8	-	-	34	34	1500	0	1	51	45	*	Tr	0.0		
	Aldergrove ...	238	*	*	*	*	*																															

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday, 24th December, 1933.

No. 26330.

STATION.	OBSERVATIONS at 13h. G.M.T. 23rd December														OBSERVATIONS at 18h. G.M.T. 23rd December														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Dir.	Force 0-12 (4)					Low.	Med.	High. (11)			Low. 0-10 (12)	Total 0-10 (13)					Height of Base. (feet) (14)	Low.	Med.			High. (25)	Low. 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.-13h. 23rd (37)	13h.-18h. 23rd (38)	18h. 23rd to 1h. 24th (39)	1h.-7h. 24th (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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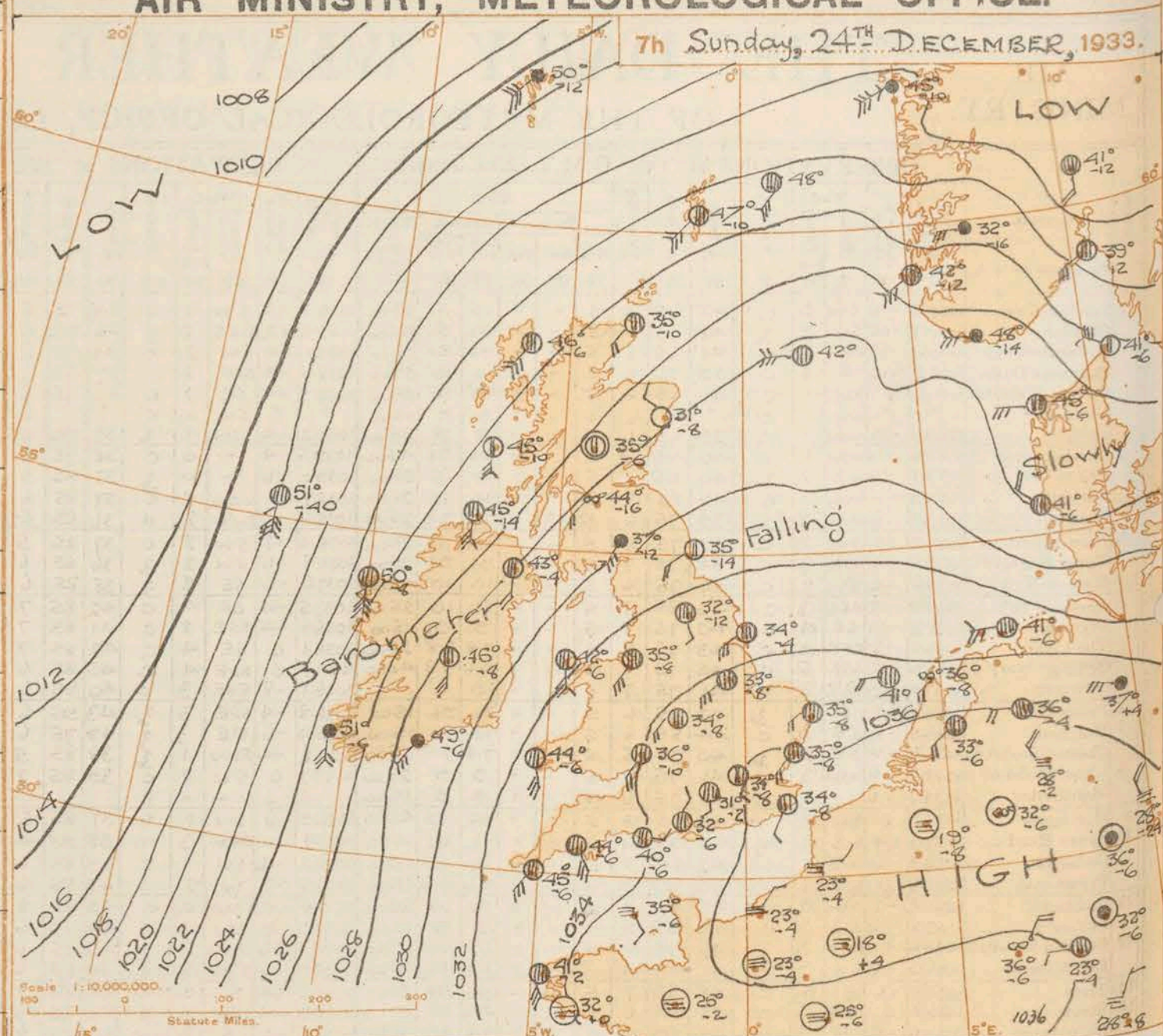
REPORTS from HEALTH RESORTS for 22nd December, 1933.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th Sunday, 24th DECEMBER, 1933.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Fore-noon.	After-noon.	Min. 9h. 22nd. to 9h. 23rd.	Max. 9h. 17th. to 9h. 23rd.	Night. 17h. 22nd. to 9h. 23rd.	Day. 9h. 17th. to 9h. 23rd.	
1 Tunbridge W.	omo	o	24	40	-	-	0.0
Bournemouth	o	o	37	42	-	-	0.0
Ventnor	co	o	40	42	-	-	0.0
Southsea	co	co	32	42	-	-	0.0
Bognor Regis	c	c	33	41	-	-	0.0
Littlehampton	c	c	28	42	-	-	0.0
Worthing	o	o	30	42	Trace	-	0.0
Brighton	o	o	31	42	-	-	0.0
Eastbourne	o	o	29	42	-	-	0.0
Hastings	o	o	35	41	-	-	0.0
Folkestone	co	co	35	40	-	-	0.1
Dover	co	co	37	41	-	-	0.0
Deal	o	o	36	40	-	-	0.0
Ramsgate	cm	cm	36	40	-	-	0.0
Margate	c	c	37	40	-	-	0.0
2 Southend	cm	co	36	40	-	-	0.0
Maldon	o	o	33	40	-	-	0.0
Clacton-on-Sea	cm	cm	35	39	-	-	0.0
Dovercourt	bccf	bccm	36	40	Trace	-	0.1
Lowestoft	c	cbc	33	42	-	-	0.5
Skegness	om	o	34	40	-	-	0.0
Mablethorpe	om	om	36	41	-	-	0.0
Cleethorpe	o	o	35	41	Trace	-	0.0
3 Leamington S.	o	o	33	40	-	-	0.0
4 Cheltenham	cm	com	37	40	-	-	0.0
5 Bath	c	c	36	41	-	-	0.0
Weymouth	c	c	33	43	-	-	0.0
Jersey	b	b	35	41	-	-	6.8
Torquay	c	c	38	43	-	-	0.0
Penzance	cbc	c	42	44	-	-	0.2
St. Ives	c	o	39	44	-	-	0.1
Bude	cbc	bccbc	29	42	-	-	2.7
Ilfracombe	b	b	33	43	-	-	5.5
6 Aberystwyth	c	c	37	42	-	-	0.0
7 Llandudno	g	bcc	34	44	-	-	4.1
Colwyn Bay	bcc	bcb	34	44	-	-	5.6
Rhyl	bcc	bcc	35	43	-	-	3.0
8 Wallasey	gcbc	bcc	39	43	-	-	0.5
Southport	gso	oco	39	40	-	-	0.0
Blackpool	o	o	40	41	-	-	0.0
Morecambe	c	cmc	38	42	-	-	0.0
9 Ilkley	c	c	37	42	-	-	0.0
10 Berwick-on-T.	c	c	45	46	-	-	1.9
11 Dunbar	bc	bc	45	48	-	-	0.2
12 Troon	co	co	45	48	-	-	0.0
Douglas	om	om	43	45	-	-	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. 24th Dec, 1933.
1. S.E. England	Light south to southwest or variable wind; cloudy but bright intervals; local morning mist or fog; rather low temperature; local ground frost at night.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Light to moderate southerly wind, fresh locally on coast; cloudy; rather low temperature.
7. North Wales	
8. N.W. England	
9. N. Midlands	As 1 - 4.
10. N.E. England	
11. S.E. Scotland	Moderate southwesterly wind; cloudy but bright intervals; rather mild.
12. S.W. Scotland & Isle of Man	Fresh south to southwest winds, strong locally on coast and perhaps gale at times; cloudy with occasional slight rain or drizzle; rather mild.
13. { A. W. Scotl. B. N.W. Scot. land.	
14. Mid-Scotland	
15. N.E. Scotland	As 11.
16. Orkneys and Shetlands.	As 12 - 14.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. W. Ireland	Moderate to fresh south to southwest winds, strong locally on coast; cloudy with occasional slight rain or drizzle; rather mild.

BAROMETER. Isobars are drawn for intervals of two millibars. WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. TEMPERATURE is given in degrees F. WEATHER SYMBOLS: — Clear sky. ☁ Sky less than 1/2 clouded. ☁ Sky 1/2 to 3/4 clouded. ☁ Sky 3/4 to 1 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 large anticyclone stretches from West Germany to Spain and the Western Mediterranean while a complex low pressure system extends from Iceland to Southern Greenland. Pressure is falling generally in the British Isles before the slow advance of a trough of low pressure from the Atlantic. Weather will be mainly cloudy. Occasional slight rain or drizzle will occur in Ireland and Scotland. Local morning mist or fog is likely in East and Southeast England. Temperature will be rather low in England and Wales but otherwise rather mild.

OUTLOOK.

Further Outlook. Unsettled in Scotland. Probably continuing quiet in Southern England with increasing tendency for fog.

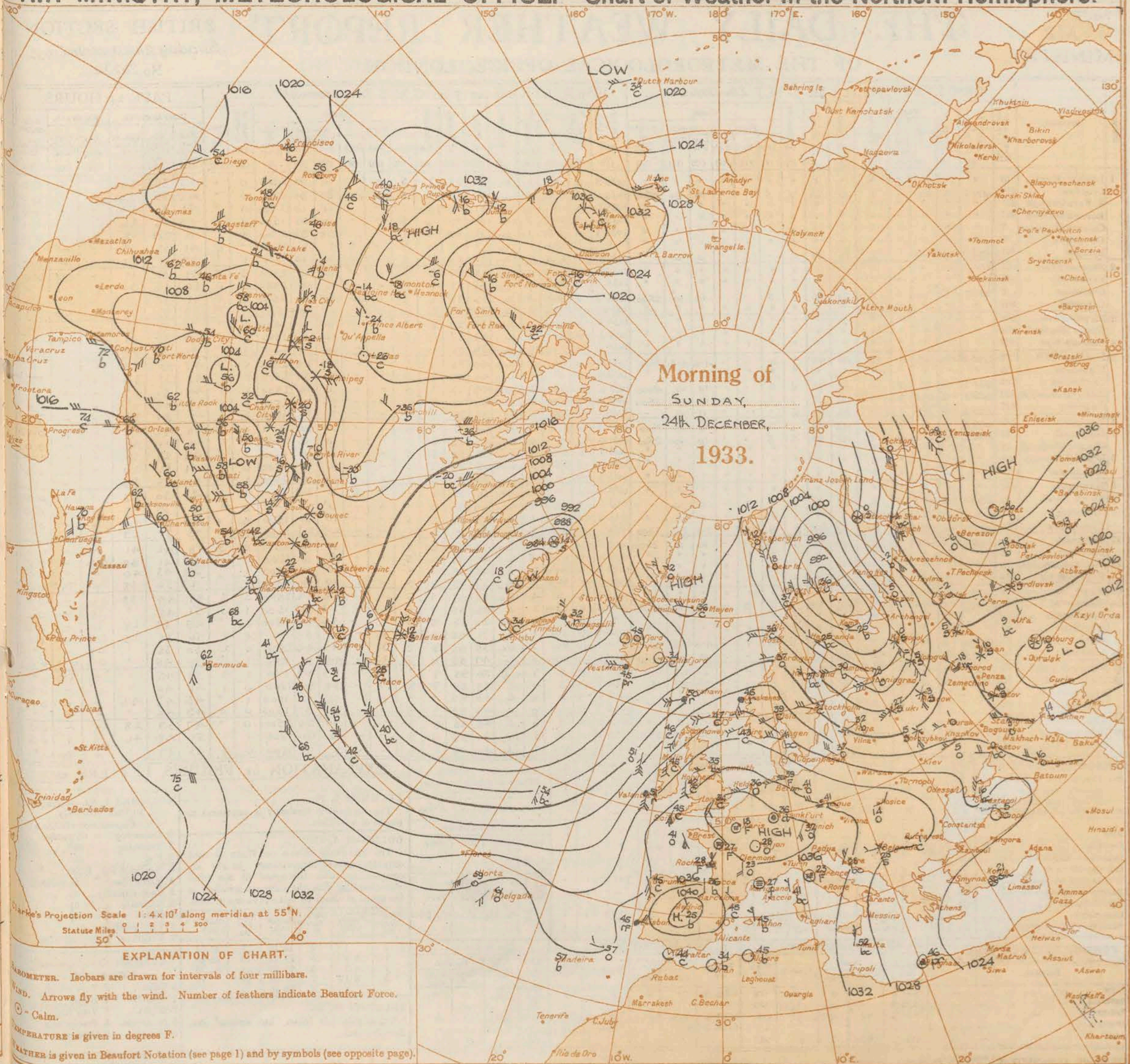
Times of issue of Gale Warnings.

↓ South Cone at 1910 G.M.T. on 23rd in districts 13B and 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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 24 December 1933.
No. 26330

Day or Night.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 24 December.														OBSERVATIONS at 7 hr. G.M.T. 24 December.														PAST 24 HOURS.							
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.				Height of Base (feet)	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.				Height of Base (feet)	State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 24 Hrs.	
					Direc.	Force.					Form.	Amount.	Low 6-10	Total 0-10				Direc.	Force.					Form.	Amount.	Low 6-10	Total 0-10				Max. Day 7h-18h of.	Min. Night 18h-7h of.	Min. on Grass of.	Day 7h-18h mm.	Night 18h-7h mm.		
																																					(1)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1035.8	-6	S	1	C	36	85	7	5	-	-	10	10	2500	0	*	43	36	30	-	-	0.0	
	Croydon ...	217	1037.5	-6	S'E	1	C	35	85	7	5	-	-	9+	9+	1036.0	-8	SSW	1	C	34	85	7	5	-	-	9+	9+	1500	0	*	42	33	28	-	-	0.0
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	1035.6	-2	S	1	O	31	95	5	5	-	-	10	10	2500	4	*	41	30	24	-	-	0.0	
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	1035.0	-4	SE'S	1	C	34	95	6	5	-	-	10	10	1500	0	*	40	32	26	-	-	0.1	
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	1035.3	-6	N'E	1	C	32	95	6	5	-	-	9+	9+	2500	4	1	41	29	18	-	-	0.0	
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0	*	41	32	*	-	-	*	
	Lympne	346	1038.2	-10	NW	1	30	31	85	6	-	-	-	0	0	1036.4	-8	S'W	1	C	34	85	6	5	-	-	10	10	1500	1	*	39	31	21	-	-	0.0
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1035.8	-10	SW'S	1	C	35	85	6	5	-	-	10	10	2500	0	*	41	33	31	-	-	0.0	
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	1035.7	-8	SW'S	2	30	35	95	6	5	-	-	10	10	2500	0	0	40	34	30	-	-	0.0	
	Gorleston ...	5	1037.7	-6	SW	3	C	37	85	6	5	-	-	10	10	1035.3	-8	SW	2	C	35	85	6	5	-	-	10	10	2500	0	1	41	34	33	-	-	0.0
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	1034.5	-8	SW	3	O	33	85	6	5	-	-	10	10	1500	1	*	39	33	33	-	-	0.1	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1034.8	-8	SSW	2	C	34	95	8	5	-	-	10	10	2500	1	*	39	33	33	-	-	0.0	
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1035.3	-6	SW'S	2	C	34	85	7	5	-	-	10	10	1500	0	*	38	33	33	-	-	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1034.5	-10	S'W	2	O	36	85	6	5	-	-	10	10	2500	1	*	40	35	34	-	-	0.0	
5	Portland Bill...	32	1035.4	-8	SE	4	bc	41	95	7	4	-	-	4-6	4-6	1033.8	-10	SE	3	C	40	95	7	5	-	-	7-8	7-8	2500	0	3	43	39	*	-	-	*
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	1033.8	-6	E	1	C	41	85	7	5	-	-	9+	9+	2500	1	1	43	38	34	-	-	0.2	
	The Lizard	240	1034.7	-4	SE	2	O	42	75	8	5	-	-	10	10	1033.5	-6	SE	3	O	44	75	7	5	-	-	10	10	2500	0	3	44	41	*	-	-	*
	Scilly (St. Mary's)	163	1033.5	-6	S'W	3	C	46	75	7	5	-	-	10	10	1032.6	-6	S'W	3	C	45	75	8	5	-	-	9+	9+	2500	0	3	47	44	*	-	-	0.5
	Guernsey	175	1035.3	-6	SSE	1	b	36	95	6	-	-	-	0	0	1034.2	-6	SSE	1	fs	35	95	5	5	-	-	10	10	2500	5	1	41	34	27	-	-	7.0
6	Pembroke	142	1033.5	-6	S	3	C	43	85	7	5	-	-	10	10	1032.4	-6	SSE	3	C	44	75	7	5	-	-	10	10	1500	0	2	48	42	*	-	-	0.1
7	Holyhead	26	1033.2	-12	S'E	4	C	41	85	6	5	-	-	10	10	1031.0	-6	S	4	C	42	85	6	5	-	-	10	10	2500	0	2	45	41	39	-	-	0.0
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	1033.3	-8	S'E	3	C	35	85	6	5	-	-	10	10	2500	1	*	42	27	18	-	-	2.0	
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	1032.8	-8	SSE	3	C	35	85	7	5	-	-	10	10	2500	0	*	41	32	29	-	-	0.7	
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	1033.8	-4	*	*	C	33	85	6	5	-	-	10	10	2500	1	*	40	32	26	-	-	*	
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	1032.0	-6	-	0	bc	30	85	7	-	7	8	0	2-3	-	1	41	30	23	-	-	0.0		
10	Spurn Head	29	1035.5	-2	W'S	4	C	37	95	6	-	2	-	0	10	1033.5	-4	WSW	3	C	34	95	6	-	2	-	0	10	-	0	2	41	33	*	-	-	0.0
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	1032.4	-12	SSE	1	C	32	95	6	5	-	-	10	10	1500	4	*	42	30	24	-	-	0.0	
	Tynemouth	100	1033.2	-4	WSW	2	bc	43	85	6	5	-	-	2-3	2-3	1030.5	-14	WSW	2	bc	35	85	6	5	-	-	2-3	2-3	1500	5	1	45	33	29	-	-	0.0
11	Inchkeith	190	1031.1	-8	WSW	4	C	43	75	8	5	-	-	10	10	1028.3	-14	SW	4	C	43	85	8	5	-	-	10	10	2500	0	3	48	42	41	-	-	0.0
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	1027.1	-12	SW	3	C	42	85	6	5	-	-	10	10	1500	1	*	48	41	38	0.6	-	0.0	
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	*	*	1027.8	-16	SW'W	2	30	44	85	6	5	-	-	10	10	1500	1	*	47	43	40	-	-	0.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1029.3	-12	SSW	4	id.	37	85	6	5	-	-	10	10	450	1	*	43	36	35	-	-	0.0	
13a	Tires	22	*	*	*	*	*	*	*	*	*	*	*	*	1025.3	-10	S	4	bc	45	95	7	5	-	-	4-6	4-6	2500	0	3	47	44	38	-	-	0.0	
13b	Stornoway	34	1024.7	-20	SSW	6	C	46	85	7	5	2	-	9	10	1023.4	-6	SSW	5	C	46	85	7	5	2	-	7-8	10	1500	1	3	51	45	*	Tr	-	0.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	-6	-	0	bc	35	85	8	4	-	-	4-6	4-6	2500	0	*	45	34	28	Tr	-	0.0	
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	-8	NW	1	b	31	95	6	-	7	-	0	1	-	1	50	31	25	0.3	-	1.0		
	Wick																																				

LONDON OBSERVATIONS.

Day 7h-18h, Kew & Croydon.
9h-18h, Kensington.
9h-21h, other stations, except
Greenwich & Hampstead rainfall, 9h-18h.

STATIONS.	Height above M.S.L. in feet.	Weather	Temperature.</
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 25th December 1933.

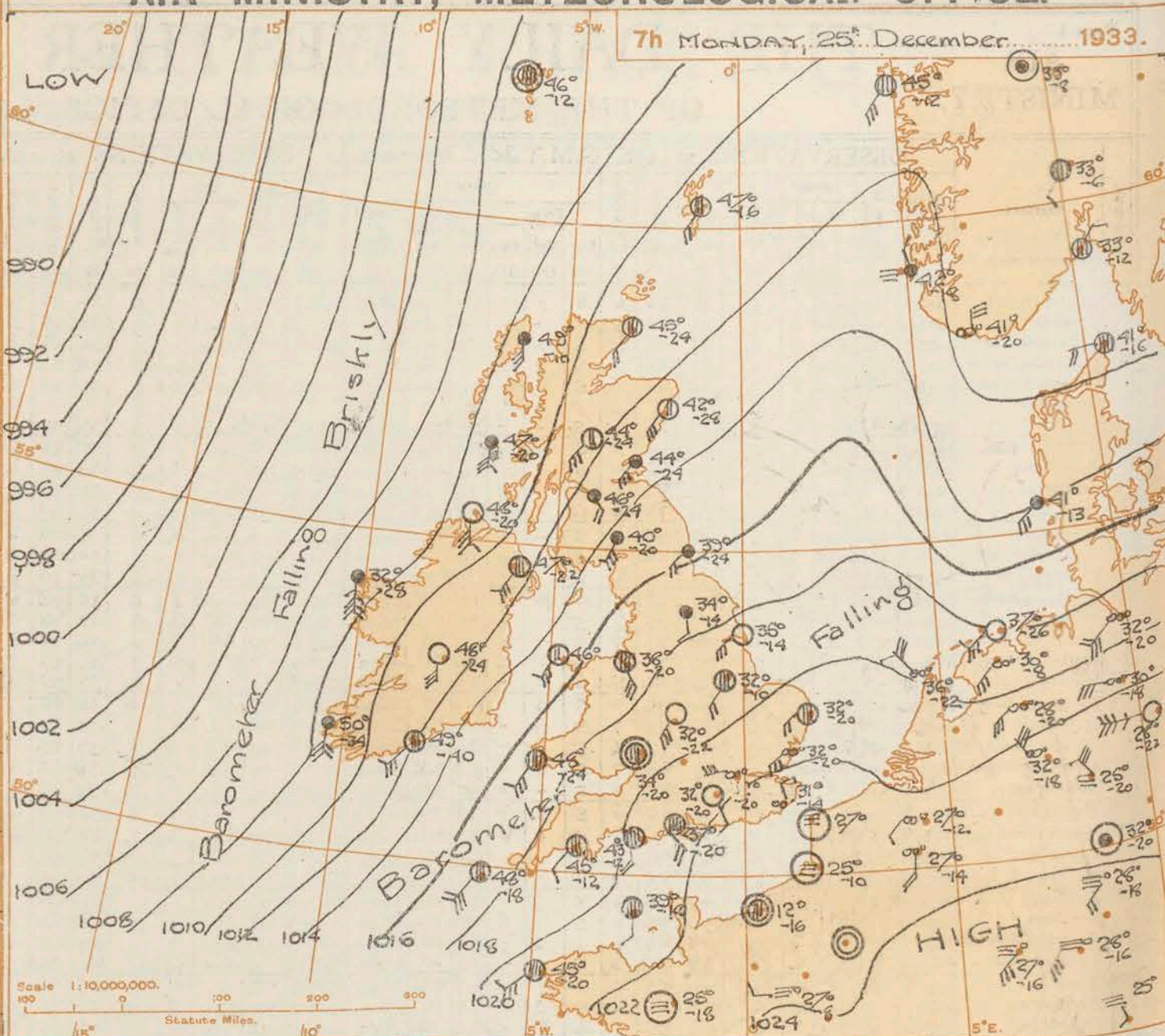
No. 26331

DISTANCE.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 24 th December.													OBSERVATIONS at 18h. G.M.T. 24 th December.													PAST 24 HOURS.								
		Barom. at m.s.l. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility 0-12 (8)	Cloud. (9) (10) (11) (12)				Height of Base. (feet) (14)	Barom. at m.s.l. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-12 (22)	Cloud. (23) (24) (25) (26)				Height of Base. (feet) (28)	State of Ground. 0-8 (29)	Sea. 0-8 (30)	WEATHER. (31) (32) (33) (34)						
				Form. (9)	Amount. (10)					Total (11)	Low 0-10 (12)	Form. (23)	Amount. (24)				Total (25)	Low 0-10 (26)																		
																							Med. (10)	High (11)	Low 0-10 (12)	Med. (24)				High (25)	Low 0-10 (26)					
																																Low 0-10 (12)	Med. (10)	High (11)	Low 0-10 (26)	Med. (24)	High (25)	Low 0-10 (26)
7h.-15h. 24 th	15h.-18h. 24 th	18h. 24 th to 1h. 25 th	1h.-7h. 25 th																																	
1	London (Kew)...	1032.9	-20	W'S	1	C	37	75	6	5	-	-	10	10	2500	1030.3	-10	W	1	C	36	75	6	5	-	-	9+	9+	2500	0	*	cm.	cm.	cm.	cm.	
	Croydon ...	1033.3	-16	WSW	2	3	36	85	5	5	-	-	9+	9+	1500	1030.6	-10	SSW	1	3	34	85	5	5	-	-	10	10	1500	1	*	cm.	cm.	cm.	cm.	
	S. Farnborough ...	1032.7	-22	SW	1	C	37	85	6	5	-	-	9+	9+	1500	1030.6	-14	WSW	1	C	34	85	6	5	-	-	9+	9+	1500	1	*	om.c	cm.	com.	om.	
	Boscombe Down ...	1032.4	-18	W'S	1	C	37	85	5	5	-	-	9	9	1500	1030.3	-14	-	0	C	34	85	6	5	-	-	9+	9+	2500	0	*	cm.	cm.	c	cm.	
	Calshot, S'thmtn ...	1032.6	-14	NW'S	2	3	39	85	5	5	-	-	10	10	2500	1030.7	-10	NNE	1	3	37	85	6	5	-	-	9+	9+	4000	0	0	cm.xcm.	cm.	cm.	cm.	
	Dungeness ...	*	*	S	1	C	*	*	6	5	-	-	9	9	1500	*	*	NE	1	C	37	*	6	5	-	-	9+	9+	1500	*	1	c	c	o	o	
	Lympe ...	1033.3	-22	SSW	2	3	37	85	6	5	-	-	9+	9+	1500	1031.5	-10	NW'S	1	3	33	95	5	5	-	-	10	10	800	1	*	cm.	cm.	om.	cm.	
2	Shoeburyness ...	1033.1	-16	WSW	1	C	36	75	6	5	-	-	9+	9+	2500	1031.3	-12	W	1	C	35	85	5	5	-	-	10	10	1500	0	*	cm.	cm.	cm.	cm.	
	Felixstowe ...	1033.2	-20	SW	3	3	34	85	6	5	-	-	10	10	1500	1030.6	-14	W	1	3	33	85	6	5	-	-	10	10	800	0	0	c ₃	c ₃	c ₃	c ₃	
	Gorleston ...	1032.9	-16	SW	2	C	33	85	6	5	-	-	10	10	2500	1030.7	-10	SSW	2	C	33	85	6	5	-	-	10	10	2500	0	1	c ₃	c ₃	c ₃	c ₃	
	Cranwell ...	1031.8	-20	SW	2	bc	38	75	6	5	-	-	2-3	2-3	7200	1029.2	-16	SW'W	3	0	36	85	5	5	-	-	10	10	1500	1	1	c ₃ bc	c ₃ bc	c ₃ bc	c ₃ bc	
3	Birmingham ...	1031.8	-14	SSW	2	C	35	85	6	5	-	-	9	9	2500	1030.0	-6	SSW	2	C	35	95	5	5	-	-	10	10	1500	0	*	c	c	c	bc	
	Upper Heyford ...	1032.4	-20	SW	3	3	35	85	6	5	-	-	10	10	1500	1030.2	-12	SSW	1	3	34	95	6	5	-	-	10	10	1500	0	*	c	c	c	c	
4	Ross-on-Wye ...	1031.5	-12	SW'W	3	0	37	75	6	5	-	-	10	10	2500	1029.3	-12	S	1	0	36	75	6	5	-	-	10	10	1500	1	*	om.	om.	om.	bc	
5	Portland Bill ...	1032.7	-12	E	2	C	41	85	7	4	4	-	7.8	7.8	2500	1029.7	-10	NW'W	2	C	38	85	6	5	-	-	10	10	1500	0	2	C	oc ₃	c ₃ c	o	o
	Plymouth ...	1031.6	-14	W	2	C	43	75	7	5	-	-	9+	9+	1500	1029.2	-14	SE	3	C	42	75	7	5	-	-	9+	9+	1500	1	2	cm.c	c	c	c	
	The Lizard ...	1031.2	-10	SE	3	0	45	85	7	5	-	-	10	10	2500	1028.6	-10	SE	3	0	45	75	8	4	-	-	10	10	2500	0	2	c	o	oc	cc	
	Scilly (St. Mary's) ...	1030.0	-16	SW'S	3	C	47	75	8	4	6	5	2-3	7.8	2500	1028.0	-6	S'W	4	C	46	85	8	8	6	-	4-6	9+	2500	0	3	c	cbcc	c	c	
	Guernsey ...	1031.9	-18	-	0	3	35	85	5	5	2	-	7.8	10	2500	1030.2	-6	-	0	3	37	95	5	5	-	-	10	10	1500	0	1	ofc ₃	c ₃ c	o	o	
6	Pembroke ...	1030.2	-8	S	3	3	45	75	7	5	4	-	4-6	9	2500	1027.2	-12	S	3	C	45	85	7	5	-	-	9+	9+	2500	0	2	cm.c	cm.c	c ₃ c	c ₃ c	
7	Holyhead ...	1029.2	-18	S	5	q	44	85	7	5	3	-	4-6	7.8	2500	1028.9	-14	S	4	C	44	85	7	5	-	-	10	10	1500	0	2	cm.q	bc ₃ c	cm.q	cm.q	
	Chester (Sealand) ...	1030.3	-18	SW'S	2	C	43	75	6	5	-	-	9+	9+	2500	1027.8	-10	SSE	3	3	37	85	6	5	-	-	9+	9+	2500	1	*	om.c	bc ₃ c	cm.	cm.	
8	L'pool (Bidston) ...	1029.5	-10	S'W	3	C	41	85	7	5	1	-	2-3	7.8	2500	1027.5	-8	SSE	3	C	38	85	8	5	-	-	9	9	2500	0	*	coc	c	bc	bc	
	Manchester ...	1030.8	-16	S	2	3	37	85	5	5	-	-	10	10	2500	1028.5	-10	S	1	of	38	85	3	5	-	-	10	10	2500	1	*	c ₃	c ₃ c	c ₃ c	cm.	
9	Harrogate ...	1030.2	-10	SSW	3	C	36	85	5	5	2	-	7.8	10	2500	1026.6	-10	SW	2	0	38	85	5	5	-	-	10	10	2500	1	*	bcc	co	oc	corr	
10	Spurn Head ...	1030.8	-8	SW'W	3	3	37	85	5	5	1	8	2-3	4-6	1500	1027.4	-10	SW	3	3	38	85	5	5	2	-	4-6	10	1500	0	2	ocbc ₃	c	o ₃	o ₃ c	
	Catterick ...	1029.7	-16	SE	2	m	33	95	4	5	-	-	10	10	2500	1026.5	-18	SE'S	2	bc ₃	31	95	2	5	-	-	2-3	2-3	2500	4	*	cm.c	cm.c	bc ₃ c	c ₃ c	
	Tynemouth ...	1027.5	-20	SW	3	of	37	85	3	5	-	-	10	10	800	1025.0	-8	WSW	2	cf	37	95	3	4	-	-	7.8	7.8	4000	1	1	bc ₃ cf	oc ₃ cf	c ₃ cf	bc ₃ cf	
11	Inchkeith ...	1025.9	-12	WSW	3	C	45	85	6	5	3	-	4-6	9+	1500	1023.9	-16	SW	1	C	46	85	7	5	-	-	10	10	1500	0	1	c	c	c	c	
	Leuchars ...	1024.9	-10	W	3	C	45	85	6	5	-	8	3+	9+	5700	1022.4	-18	SW	2	C	45	85	5	5	-	-	10	10	2500	1	*	cbccm.	cm.	cm.c	cm.c	
12	Renfrew (Abbotts) ...	1025.3	-18	SSW	3	3	48	85	6	5	2	-	2-3	10	2500	1022.9	-10	SSW	3	3	47	85	6	5	2	-	4-6	10	2500	1	*	cm.	cm.	cm.c	cm.c	
	Esksdalemuir ...	1026.8	-14	SW'S	2	df	39	95	3	5	-	-	10	10	4150	1025.2	-10	SW	3	df	40	95	2	5	-	-	10	10	4150	1	*	oddf	df	df	oddf	
13a	Tiree ...	1021.8	-20	S	4	bc	49	85	7	5	6	-	2-3	4-6	2500	1019.2	-12	S	4	C	47	95	7	5	-	-	7.8	7.8	2500	1	3	bc	bcid	cid	ovr.	
13b	Stornoway ...	1020.1	-16	SSW	5	C	48	95	8	5	2	-	7.8	10	2500	1017.0	-10	SSW	5	C	48	95	6	5	7	-	7.8	9	1500	1	3	cq	cidm.	cidm.	cidm.	
15	Dalwhinnie ...	1024.8	-10	SW	3	C	42	85	7	4	2	-	4-6	10	800	1021.9	-12	SW	4	bc	42	95	8	4	-	-	4-6	4-6	1500	0	0	c	c	c	bc	
	Aberdeen ...	1023.8	-12	NW'W	2	m	34	85	4	-	7	8	0	2-3	-	1021.2	-16	S'W	1	m	39	85	4	5	-	-	9+	9+	4000	1	1	bbcz	bccz	cm.	bc	
	Wick ...	1022.2	-6	SW	3	C	44	95	8	5	1	-	7.8	7.8	1500	1019.4	-12	SW	2	C	45	95	8	5	7	-	9+	9+	1500	0	2	bcc	c	bc	c	

7th MONDAY, 25th December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. 24 ^h to 24 ^h .	Max. 9h. 17h. 24 ^h .	Night. 17h. 24 ^h to 9h. 24 ^h .	Day. 9h. 17h. 24 ^h .	
1	Tunbridge W.	bcc	oc	32	38	-	-	1.0
	Bournemouth	o	o	34	40	-	-	0.0
	Ventnor	no	obccu	37	43	-	-	1.0
	Southsea	com	cm.	31	40	-	-	0.0
	Bognor Regis	c	co	36	40	-	-	0.0
	Littlehampton	c	c	34	40	-	-	0.0
	Worthing	bcc	o	37	39	-	-	0.6
	Brighton	cbc	coc	34	39	-	-	0.5
	Eastbourne	c	cbcc	36	39	-	-	1.6
	Hastings	ebc	bccco	34	39	-	-	2.7
	Folkestone	xcm	co	34	38	-	-	0.3
	Dover	co	oco	36	38	-	-	0.0
	Deal	oc	co	35	38	-	-	0.2
	Ramsgate	bcc	c	35	38	-	-	0.3
	Margate	c	c	35	38	-	-	0.2
2	Southend	om.	ocom	34	35	Trace	-	0.0
	Maldon	o	om	34	39	-	-	0.0
	Clacton-on-Sea	c	cm	34	35	-	-	0.0
	Dovercourt	ocom	m	33	34	-	-	0.0
	Lowestoft	om.	om.	33	34	-	-	0.0
	Skegness	om.	oco	34	36	-	-	0.5
	Mablethorpe	cbc	bcc	34	36	-	-	2.2
	Cleethorpes	o	oc	33	38	-	-	2.2
3	Leamington S.	oc	o	35	38	-	-	0.0
	Cheltenham	om	om	34	38	-	-	0.0
5	Bath	c	c	38	39	-	-	0.0
	Weymouth	fc	c	33	43	-	-	0.2
	Jersey	cm	cm	31	37	-	-	0.0
	Torquay	cscm	c	38	44	-	-	0.0
	Penzance	c	c	43	46	-	-	0.0
	St. Ives	o	c	41	46	-	-	0.0
	Bude	o	o	38	43	-	-	0.0
	Ilfracombe	o	o	32	42	-	-	0.0
6	Aberystwyth	c	c	34	42	-	-	0.0
7	Llandudno	cbc	cbcc	34	46	-	-	1.8
	Colwyn Bay	cbc	bcc	34	46	-	-	1.1
	Rhyl	cbc	c	36	43	-	-	0.7
8	Wallassey	f	fc	33	43	-	-	0.0
	Southport	ofso	ofso	32	39	-	-	0.0
	Blackpool	o	o	33	39	-	-	0.0
	Morecambe	c	c	34	39	-	-	0.0
9	Ilkley	c	c	32	37	-	-	0.0
10	Berwick-on-T.	o	o	36	44	0.4	-	0.0
11	Dunbar	bc	cm.	38	47	-	-	0.0
12	Troon	coc	ccc	44	49	-	-	0.0
	Douglas	cm.	om.	41	47	Trace	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, 1933.
1. S.E. England	Moderate southwest wind; cloudy; some rain later; cold today; milder tomorrow.
2. E. England...	
3. E. Midlands	
4. W. Midlands	Fresh southwest wind, strong locally on coast, veering west tomorrow, cloudy, rain at times; temperature moderate or rather mild.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Moderate or fresh southwest wind; cloudy; rain at times; temperature moderate or rather mild.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Fresh or strong southwest wind, veering west later; cloudy; rain at times; rather mild.
13. { A. W. Scotl. B. N.W. Scot- land.	Strong south wind; gale locally; veering west or northwest; cloudy, some rain today, brighter periods tomorrow, mild at first; temperature moderate later.
14. Mid-Scotland	Fresh southwest wind; cloudy; rain at times; mild.
15. N.E. Scotland	
16. Orkneys and Shetlands.	Strong south wind, gale locally on coast, veering northwest tonight; cloudy, rain today, bright intervals and showers tomorrow; mild at first; temperature moderate later.
17. N.W. Ireland	
18. N.E. Ireland	Fresh south wind, strong locally, veering northwest later; cloudy, rain today, bright intervals and showers tomorrow; mild at first; temperature moderate later.
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 $\frac{1}{2}$ clouded, — Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded, — Sky $\frac{3}{4}$ to $\frac{5}{8}$ clouded, — Overcast sky, — Rain falling, * Snow, * Sleet, — Hail, — Fog, — Mist, — Thunder, — Thunderstorm, — Slight haze.

SEA DISTURBANCE. — Rough, — High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression is centred to the south of Iceland and an associated trough of low pressure is approaching Ireland from the West. Weather will be cloudy generally with rain in the West and North spreading later to most districts.

FURTHER OUTLOOK.

Unsettled.

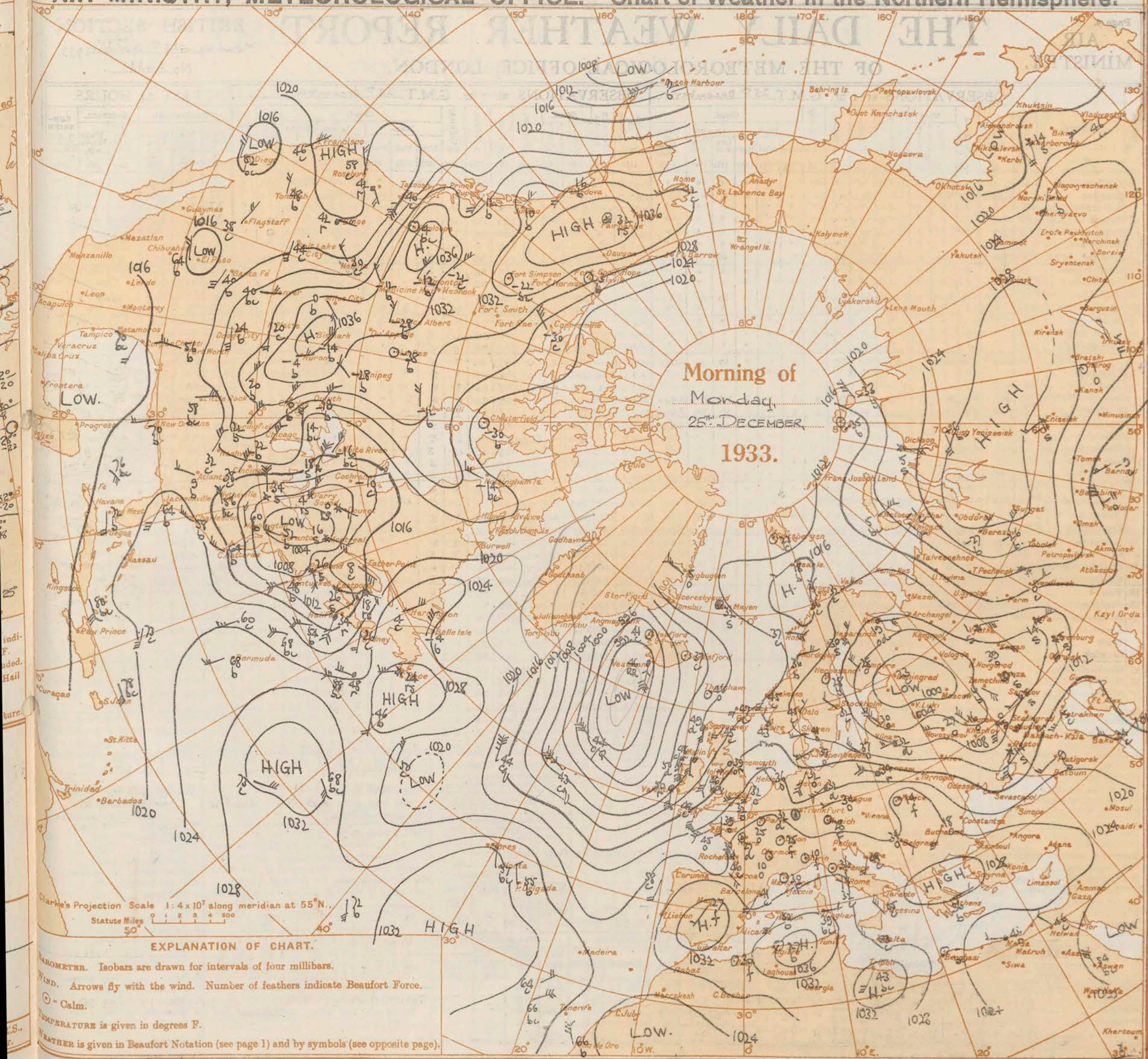
Time of issue of Gale Warning.

South Cone at 0050 on 25th in 13B, 17, and 20.

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.



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 25th December 1933

No. 26331

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 25 th December.														OBSERVATIONS at 7 hr. G.M.T. 25 th December.														PAST 24 HOURS.							
		Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. (6)	Humid. (7)	Visibility 0-9 (8)	Cloud. (9-11)			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. (20)	Humid. (21)	Visibility 0-9 (22)	Cloud. (23-25)			State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE. (31-33)			RAINFALL. (34-35)		SUN-SHINE 24 Hrs. (36)					
					Form. (10)	Amount. (11)					Height of Base. (feet) (14)	Form. (24)	Amount. (25)			Height of Base. (feet) (28)	Max. Day 7h-12h (31)					Min. Night 12h-7h (32)	Min. on Grass (33)	Day 7h-12h (34)			Night 12h-7h (35)										
																												Low (9)	Med. (10)	High (11)	Low (23)		Med. (24)	High (25)	Low (26)	Total (27)	
																																					Low (9)
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	1021.6	-14	SW'S	3	c	33	85	6	5	-	-	9+	9+	2500	0	*	37	32	31	-	-	0.0			
	Croydon ...	217	1026.0	-2.0	WSW	3	*	32	*	*	*	*	1022.0	-2.0	W'S	3	3.	32	85	6	5	-	-	10	10	1500	1	*	37	32	31	-	-	0.0			
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	1021.5	-2.0	S'E	1	0	32	85	6	5	-	-	10	10	1500	1	*	37	32	31	-	-	0.0			
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	1020.7	-2.0	SE	2	c	33	95	6	5	-	-	10	10	1500	0	*	37	31	30	-	-	0.0			
	Calshot (St. thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	1021.3	-2.0	ESE	2	c	37	85	7	5	-	-	9+	9+	2500	0	1	39	33	31	-	-	0.0			
	Dunegness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2500	*	0	40	32	*	-	-	0.0			
	Lympne ...	346	1021.0	-2.0	WSW	2	3.	32	85	5	5	-	10	10	800	1022.5	-14	NW'N	1	3.	31	85	5	5	-	10	10	800	0	*	37	31	31	-	-	0.2	
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	1022.0	-16	SW	2	c	32	85	6	5	-	-	10	10	1500	0	*	36	31	31	-	-	0.0			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	1021.7	-2.0	SW	3	3.	32	85	6	5	-	-	10	10	1500	0	1	35	31	30	-	-	0.0			
	Gorleston ...	5	1025.1	-18	SSW	23	c	33	85	6	5	-	10	10	2500	1020.6	-2.0	SSW	2	c	32	85	6	5	-	10	10	2500	0	1	35	31	31	-	-	0.0	
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	1013.4	-1.0	SSW	2	bc	32	95	6	-	3	1	0	4.6	-	1	*	38	32	30	-	-	2.7			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	1013.3	-2.2	SSW	3	c	32	95	7	-	7	6	0	7.8	-	0	*	36	32	29	-	-	1.1			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	1020.4	-2.2	SSW	3	3.	33	95	6	5	2	-	4.6	10	800	0	*	35	32	28	-	-	0			
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	1019.1	-2.0	-	0	c	34	95	6	5	-	-	9+	9+	4000	1	*	37	32	25	-	-	0.0			
5	Portland Bill ...	32	1024.5	-2.0	NNW	2	c	40	85	7	5	-	10	10	1500	1019.7	-12	S	2	0	43	85	7	5	-	10	10	1500	0	2	43	37	*	-	-	*	
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	1019.7	-2.0	SW	1	c	45	85	7	5	-	-	9+	9+	1500	1	1	43	40	40	-	-	0.0			
	The Lizard ...	240	*	*	*	*	*	*	*	*	*	*	1019.6	-1.6	SE	4	c	46	85	8	8	-	-	10	10	2500	0	3	45	44	*	-	-	*			
	Scilly (St. Mary's) ...	163	1013.1	-2.6	SSW	5	c	47	85	8	8	-	7.8	7.8	2500	1017.4	-18	SSW	5	c	48	85	8	7	-	7.8	10	2500	0	3	49	45	*	-	-	1.7	
	Guernsey ...	175	1025.7	-2.0	-	0	41	85	6	5	-	-	10	10	2500	1021.4	-18	S	1	0	39	85	7	5	-	10	10	2500	0	1	37	37	36	-	-	0.0	
6	Pembroke ...	142	1022.6	-14	SSW	3	c	46	95	7	5	-	10	10	2500	1016.3	-24	SSW	4	cq	48	95	7	5	-	10	10	2500	0	3	48	44	*	-	-	0.2	
7	Holyhead ...	26	*	*	*	*	*	*	*	*	*	*	1015.8	-	SSW	4	bcq	46	95	6	5	-	-	4.6	4.6	1500	1	2	46	42	41	-	-	0.0			
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	1017.8	-2.0	SSE	3	c	38	85	6	5	-	-	9+	9+	2500	1	*	44	35	31	-	-	1.3			
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	1017.5	-1.6	SSE	3	c	38	95	8	5	1	-	2.3	7.8	2500	0	*	42	35	34	-	-	0.1			
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	1018.1	-2.2	x	x	3.	38	85	6	5	2	-	7.8	10	2500	1	*	39	33	29	-	-	*			
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	1017.8	-14	S	1	rr	34	95	5	6	-	-	10	10	2500	1	*	38	32	25	-	-	0.0			
10	Spurn Head ...	29	1023.1	-8	SW	3	3.	36	95	5	-	2	-	0	10	-	1018.1	-14	SW	3	c	35	95	6	5	2	-	4.6	9	4000	0	2	38	34	*	-	2.7
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	1017.1	-1.6	SSE	2	rf	33	95	3	5	-	-	10	10	1500	1	*	34	31	29	-	3	0.0			
	Tynemouth ...	100	1020.7	-2.0	WSW	2	bc	39	95	6	4	-	4.6	4.6	4000	1015.8	-24	SW	2	ir	39	95	6	6	-	10	10	1500	1	1	38	37	33	-	-	0.3	
11	Inchkeith ...	190	1018.1	-2.8	SW	3	c	44	85	8	5	-	9+	9+	2500	1013.5	-2.0	S	1	c	44	95	8	8	2	-	4.6	10	2500	0	0	46	43	41	-	-	0.0
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	1013.5	-2.4	SW	3	id.	44	95	7	5	-	-	9+	9+	2500	1	*	47	43	41	-	-	0.0			
12	Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	1012.0	-2.4	ESE	2	ir	46	95	5	6	-	-	10	10	800	1	*	48	45	44	-	-	0.4			
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	1014.6	-2.0	SSW	4	dd	40	95	4	5	-	-	10	10	1500	1	*	40	39	39	1	4	0.0			
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	1008.3	-2.0	S	4	dd	47	95	6	6	2	-	7.8	10	1500	1	3	49	46	44	0.2	3	0.5			
13B	Stornoway ...	34	1012.3	-24	SSW	4	id.	48	95	5	5	2	-	9	10	800	1003.5	-1.0	S	3	id.	49	95	6	8	2	-	4.6	10	1500	1	1	48	47	*	-	0.0
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	1011.8	-2.4	SW	3	bc	44	85	8	4	-	-	4.6	4.6	1500	0	*	42	40	38	-	-	0.0			
	Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	1012.0	-2.8	SSW	3	bc	42	95	6	5	-	-	4.6	4.6	2500	1	1	39	35	30	-	-	0.7			
	Wick ...	81	1015.3	-1.0	SW	3	c	45	95	8	5	1	-	7.8	10	1500	1010.9	-2.4	SW	2	c	45	95	8	8	1	-	4.6	7.8	1500	0	2	46	42	*	-	*
16	Lerwick ...	54	1014.7	-1.6	SW	4	c/y	46	95	7	8	3	-	7.8	9	1500	1011.1	-1.6	SW'S	2	c	47	95	7	5	1	-	4.6	7.8	1500	0	*	47	45	*	0.6	0.2
17	Blacksod Point ...	18	*	*	*	*	*	*	*	*	*	*	1006.1	-2.8	S	7	dd	50	95	7	6	-	-	10	10	1500	1	6	51	49	*	2	15	*			
18	Malin Head ...	52	*	*	*	*	*	*	*	*	*	*	1008.3	-2.0	S	4	c/pr	48	95	7	3	-	-	9+	9+	1500	1	1	49	47	*	-	15	2.3			
	Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	1011.8	-2.2	SW	4	c	47	95	7	5	-	-	10	10	800	1	*	47	45	44	Tr	2	0.0			
	Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	1011.8	-1.6	WSW	2	c	47	95	7	5	-	-	9	9	1500	1	1	48	45	*	Tr	1	0.0			
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	1011.3	-2.4	S	3	c	48	95	8	5	-	-	9+	9+	2500	1	*	50	47	41	Tr	Tr	0.0			
20	Valentia Obsy.† ...	30	*	*	*	*	*	*	*	*	*	*	1008.4	-3.4	S	5	Y.Y.	50	95	5	5	-	-	10	10	450	1	-	52	50	49	3	3	0.0			
	Roches Point... ‡	22	*	*	*	*	*	*	*	*	*	*	1012.6	-4.0	SW	4	c	49	95	7	3	-	-	7.8	7.8	1500	1	5	49	48	*	Tr	1	*			
LONDON OBSERVATIONS.		Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sun-shine to Sunset hrs.	Humidity.		Visibility 9h.	Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.				EXPLANATION of FIGURES, LETTERS, etc.																		
Day 7h-12h, Kew & Croydon.			Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.		15h. G.M.T. %	9h. G.M.T. %		24 hrs. ended 7h. G.M.T. 25 th .				COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.					COLUMNS 8, 22.—Code for surface visibility. Objects not visible at 55 yards.													
9h-12h, Kensington.															24 hrs. ended 9h.														Yesterday.				To-day.				
9h-21h, other stations, except Greenwich & Hampstead rainfall, 9h-12h.																																					
Kew ...	18	cm.	cm.	cm.	37	32	31	-	-	0.0	*	*	5	SOUTH KENSINGTON.				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.					COLUMNS 30.—Code for State of Sea.														
CROYDON ...	217	cm.	cm.	cm.	37	32	31	-	-	0.0	80	89	5	Max. Time. Min. Time.														0 Calm. 5 Very rough. 1 Smooth. 6 High. 2 Slight. 7 Very high. 3 Moderate. 8 Precipitous. 4 Rough. 9 Confused.									
GREENWICH (Royal Observatory) ...	149	cm.m	cm.	cm.	36	31	29	-	-	0.0	80	89	5	Max. Time. Min. Time.																							
CITY (Bunhill Row) ...	-	*	*	*	37	32	30	-	-	0.0	83	82	*	Max. Time. Min. Time.																							
WESTMINSTER (St. James' Park) ...	27	*	*	*	37	32	30	-	-	0.0	80	89	*	Max. Time. Min. Time.				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																			
REGENTS PK. (Botanic Gardens) ...	108	*	*	*	37	31	31	-	-	0.0	80	89	*	Max. Time. Min. Time.																							
CAMDEN SQUARE ...	110	c	c	*	36	31	31	-	-	0.0	At 18h. 82	81	*	Max. Time. Min. Time.																							
KENSINGTON ...	80	com.	co	*																																	

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

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

† 1 hr observations are from Valentia W/T station ‡ Maximum and Minimum Temperatures and Rainfall are for the 24 hours ending 9 h

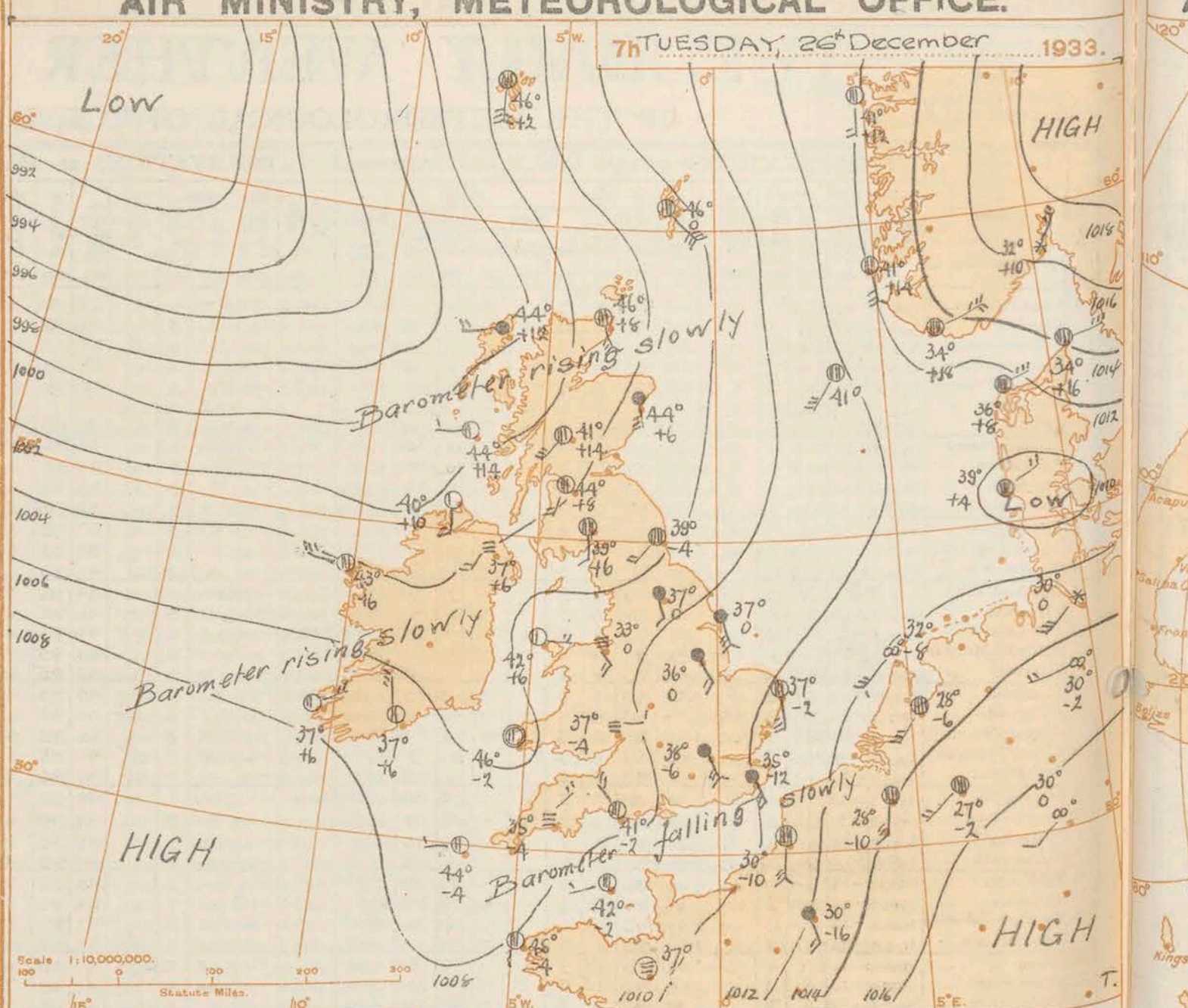
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 25 th December.														OBSERVATIONS at 18h. G.M.T. 25 th December.														PAST 24 HOURS.						
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-8	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-8	Cloud.				State of Ground. 0-9	Sea. 0-9	WEATHER.								
				Direc.	Force.					Low.	Med.	High.	Low.			Total 0-10	Height of Base (feet)					Direc.	Force.	Low.	Med.			High.	Low.	Total 0-10	Height of Base (feet)	7h.-13h. 25 th	13h.-18h. 25 th	18h. 25 th to 1h. 26 th	1h.-7h. 26 th	
(For heights see p. 4.)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	
1	London (Kew)...	1016.6	-30	S'W	1	C	37	85	5	5	-	-	10	10	2500	1013.7	-20	S'W	2	C	38	85	5	5	-	-	9+	9+	2500	0	*	cmo	cmo	m.r.	om.r.	
	Croydon ...	1017.3	-28	S	3	m	35	85	4	5	-	-	10	10	1500	1014.4	-16	S	3	g	36	85	6	5	-	-	10	10	1500	1	*	om.	cm.	cm.	cm.r.d.	
	S. Farnborough ...	1016.5	-30	S'E	2	FE	38	85	5	5	-	-	10	10	1500	1013.3	-18	S'E	2	g	37	85	5	5	-	-	9+	9+	1500	1	*	omem.	cm.	cm.	cm.r.	
	Boscombe Down ...	1015.9	-30	S'W	2	FE	39	85	5	5	-	-	10	10	1500	1012.6	-18	SE'S	2	g	39	95	6	5	-	-	10	10	1500	0	*	cm.	cbcm.	cm.	cm.r.	
	Calshot, St. Martin ...	1017.0	-30	S'W	2	F	39	85	5	5	-	-	9+	9+	4000	1013.7	-18	S'E	2	c	41	95	6	5	-	-	10	10	1500	0	*	cm.m	cfcm.	cm.r.	cm.r.	
	Dungeness ...	1018.1	-28	SSW	3	F	35	95	1	5	-	-	4-6	10	800	1015.2	-14	SSW	3	id.	37	95	4	5	-	-	10	10	800	1	3	c	d	p	p	
	Lympne ...	1018.1	-28	SSW	3	F	35	95	1	5	-	-	10	10	4150	1015.2	-14	SSW	3	id.	37	95	4	5	-	-	10	10	220	1	*	om.	om.f.	odm.	odf.	
2	Shoeburyness ...	1017.4	-30	SWW	2	C	34	85	5	5	-	-	10	10	1500	1014.3	-14	SSW	1	C	36	85	5	5	-	-	10	10	1500	0	*	cmo	cmo	cmo	om.r.	
	Felixstowe ...	1017.3	-26	SW'S	3	FE	33	85	6	5	-	-	10	10	1500	1014.3	-14	SSW	3	FE	36	85	6	5	-	-	10	10	1500	0	*	cm.	cm.	cm.	cm.	
	Gorleston ...	1016.6	-20	SW'S	4	FE	33	85	6	5	-	-	10	10	2500	1014.1	-10	S	3	FE	33	95	6	5	-	-	10	10	2500	0	*	cm.	cm.	cm.	cm.	
	Cranwell ...	1015.3	-22	SSW	2	FE	38	85	5	5	-	-	9+	9+	5700	1012.1	-18	SE'S	1	FE	36	95	5	5	-	-	10	10	4000	1	*	cm.	cm.	cm.	cm.	
3	Birmingham ...	1014.4	-28	SSW	3	FE	38	85	6	6	-	-	9	9	1500	1011.6	-16	S	3	C	37	95	5	6	-	-	6	4-6	10	1500	0	*	bcc	prbce	cm.	cm.
	Upper Heyford ...	1015.8	-34	SSW	3	FE	39	85	6	5	-	-	9	9	5700	1013.0	-12	S	2	FE	37	95	6	5	3	7	2-3	4-6	4000	0	*	cbcc	cc	cm.	cm.	
4	Ross-on-Wye ...	1014.5	-24	WSW	2	FE	41	85	6	5	-	-	9+	9+	4000	1010.9	-16	S	3	FE	41	85	6	5	3	-	1	9	4000	1	*	cm.	cc	cm.	cm.	
5	Portland Bill ...	1015.6	-24	S	2	C	43	85	7	5	-	-	9	9	2500	1012.2	-20	SSW	4	C	44	95	7	5	-	-	10	10	2500	0	3	cc	cc	prcc	cm.	
	Plymouth ...	1015.1	-28	S	4	C	47	75	8	5	-	-	9+	9+	2500	1010.3	-30	S'E	5	rr	46	95	6	5	2	-	9+	10	450	1	4	cvc	cm.	cm.	cm.	
	The Lizard ...	1014.1	-30	S'E	5	C	48	85	8	6	-	-	4-6	9+	2500	1008.8	-24	SSE	6	rr	49	95	6	5	-	-	10	10	1500	1	4	c	cm.	cm.	cm.	
	Scilly (St. Mary's) ...	1011.7	-34	S'W	6	C	48	95	6	6	-	-	9+	9+	1500	1008.7	0	W'N	4	C	49	95	7	5	-	-	6	2-3	7-8	4000	1	4	cm.	cm.	cm.	cm.
	Guernsey ...	1013.0	-22	SSE	2	FE	40	95	6	5	-	-	10	10	1500	1014.1	-22	S'W	2	FE	42	95	6	5	-	-	10	10	1500	0	2	cm.	cm.	cm.	cm.	
6	Pembroke ...	1011.9	-22	S	3	FE	47	85	7	3	-	-	10	10	1500	1006.6	-28	S	4	FE	45	95	4	6	2	-	7-8	10	800	1	3	cm.	cm.	cm.	cm.	
7	Holyhead ...	1011.3	-26	S	5	FE	46	95	5	5	-	-	10	10	800	1007.8	-22	SSE	5	FE	44	95	6	6	-	-	10	10	800	1	2	cm.	cm.	cm.	cm.	
	Chester (Sealand) ...	1012.9	-30	SSE	3	FE	43	95	5	5	-	-	9	9	2500	1009.6	-18	S'E	3	FE	40	95	6	5	-	-	9	9	2500	1	*	cm.	cm.	cm.	cm.	
8	L'pool (Bidston) ...	1012.3	-20	SSE	3	C	43	85	6	5	-	-	9	9	2500	1009.0	-16	SE	3	FE	41	95	6	5	7	-	4-6	9	1500	0	*	cm.	cm.	cm.	cm.	
	Manchester ...	1013.5	-20	S	2	FE	41	85	4	5	-	-	10	10	2500	1010.3	-12	S	2	FE	41	85	3	5	-	-	10	10	1500	1	*	cm.	cm.	cm.	cm.	
9	Harrogate ...	1012.7	-20	S	0	F	40	95	3	5	2	-	2-3	9+	4150	1010.1	-6	SSW	1	m	40	95	4	5	-	-	9+	9+	4150	1	*	cm.	cm.	cm.	cm.	
10	Spurn Head ...	1013.7	-8	SW	3	C	39	95	6	5	2	-	4-6	9	4000	1011.0	-6	S	3	C	38	95	6	5	2	-	7-8	9+	2500	0	2	bc	bc	cm.	cm.	
	Catterick ...	1012.5	-28	SSE	2	F	35	95	3	5	-	-	10	10	4150	1009.8	-8	SE'S	1	F	35	95	1	5	-	-	10	10	4150	1	*	cm.	cm.	cm.	cm.	
	Tynemouth ...	1011.5	-24	SW	2	F	40	95	3	6	-	-	10	10	1500	1009.0	-10	WSW	2	O	40	95	4	6	-	-	10	10	1500	1	*	cm.	cm.	cm.	cm.	
11	Inchkeith ...	1009.7	-14	SW	1	d.d.	46	95	6	8	-	-	9+	9+	1500	1007.1	-10	SSW	2	C	45	95	7	5	-	-	9+	9+	1500	0	1	cd.	cd.	cm.	cm.	
	Leuchars ...	1009.4	-26	SW	2	FE	45	95	7	5	-	-	7-8	7-8	4000	1006.7	-10	W	1	bc	44	95	6	5	-	-	7-8	7-8	5700	1	*	cm.	cm.	cm.	cm.	
12	Renfrew (Abbots) ...	1008.5	-22	S'W	3	FE	49	85	6	5	-	-	10	10	1500	1005.2	-14	SSE	2	FE	47	85	6	5	-	-	10	10	1500	1	*	cm.	cm.	cm.	cm.	
	Eskdalemuir ...	1010.0	-28	SW'S	4	FE	42	95	1	5	-	-	10	10	4150	1006.7	-18	SSW	5	FE	42	95	4	5	-	-	10	10	4150	1	*	cm.	cm.	cm.	cm.	
13a	Tiree ...	1005.0	-16	S'E	4	C	48	95	7	5	2	-	7-8	9	1500	1001.5	-14	SSE	5	FE	47	95	6	6	2	-	9	10	1500	1	3	cm.	cm.	cm.	cm.	
13b	Stornoway ...	1004.2	-20	S	3	C	49	95	6	5	7	-	4-6	9	1500	1002.0	-6	SSW	4	FE	48	95	7	5	2	-	7-8	10	1500	1	2	cm.	cm.	cm.	cm.	
15	Dalwhinnie ...	1007.4	-20	S	3	FE	44	95	4	3	2	-	9	10	450	1005.5	-16	S	4	FE	44	95	7	4	-	-	4-6	4-6	800	0	1	cm.	cm.	cm.	cm.	
	Aberdeen ...	1007.3	-30	SW'S	2	bc	45	95	6	5	3	3	1	2-3	4500	1005.1	-16	S'W	3	id.	45	95	5	6	-	-	10	10	1500	1	1	cm.	cm.	cm.	cm.	
	Wick ...	1006.3	-20	SSW	2	C	47	95	8	8	9	1	4-6	7-8	2500	1004.5	-20	SSE	3	C	46	95	8	5	1	-	7-8	10	1500	1	2	cm.	cm.	cm.	cm.	
16	Lerwick ...	1008.2	-12	S	3	C	46	95	8	5	7	-	4-6	7-8	1500	1006.9	-8	SE	3	FE	46	95	7	3	2	-	7-8	9+	450	0	*	cm.	cm.	cm.	cm.	
17	Blacksod Point ...	1002.0	-20	S	2	C	48	95	3	9	-	-	10	10	800	1001.4	-2	S	2	bcpr</																

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Fore-noon.	After-noon.	Min. 9h. to 2h.	Max. 2h. to 5h.	Night. 17h. to 2h.	Day. 9h. to 17h.	
1. Tunbridge W.	o	o	30	37	-	-	0.0
Bournemouth	o	co	34	44	-	-	0.1
Ventnor	oc	ouoc	37	41	-	-	0.0
Southsea	om	om	34	41	-	-	0.0
Bognor Regis	c	c	34	40	-	-	0.0
Littlehampton	c	c	34	40	-	-	0.0
Worthing	o	om	34	40	-	-	0.0
Brighton	cbc	bc	34	40	-	-	0.0
Eastbourne	fo	o	33	40	-	-	0.0
Hastings	o	o	33	40	-	-	0.0
Folkestone	of	of	32	39	-	-	0.0
Dover	omfe	feom	33	39	-	-	0.0
Deal	o	of	32	36	-	-	0.0
Ramsgate	o	o	31	38	-	-	0.0
Margate	c	c	31	37	-	-	0.0
2. Southend	om	o	32	35	-	-	0.0
Maldon	o	o	32	36	-	-	0.0
Clacton-on-Sea	co	moq	31	35	-	-	0.0
Dovercourt	ocbc	bhc	30	33	-	-	0.0
Lowestoft	o	o	31	34	-	-	0.0
Skegness	bcno	om	31	37	-	Tr	0.1
Mablethorpe	cm	ecom	32	36	-	-	0.0
Cleethorpe	o	o	34	40	-	Tr	0.0
3. Leamington S.	oc	c	31	41	-	-	0.7
4. Cheltenham	cm	ccbc	34	41	-	-	0.1
5. Bath	cm, bc	ocbc	30	45	-	-	0.5
Weymouth	c	c	35	45	-	-	0.0
Jersey	cm	c	31	39	-	-	0.0
Torquay	cmcd	cc	39	49	-	-	1.5
Penzance	c	orrmr	43	49	-	7	0.0
St. Ives	o	r	41	49	-	9	0.0
Bude	o	cr	35	47	-	0.4	0.0
Ilfracombe	oc	cor	38	47	-	1	0.0
6. Aberystwyth	c	c	39	46	-	-	0.0
7. Llandudno	c	c	41	49	-	-	0.4
Colwyn Bay	bcc	clcb	41	48	-	-	1.6
Rhyl	c	bc	38	48	-	-	0.5
8. Wallasey	f	bcc	33	43	-	-	0.0
Southport	fo	oro	35	41	-	0.1	0.0
Blackpool	obo	od	35	41	0.2	0.2	0.0
Morecambe	c	dcro	36	44	0.3	0.3	0.0
9. Ilkley	fc	cm	32	43	-	Tr	0.0
10. Berwick-on-T.	os	ro	44	46	0.2	1	0.0
11. Dunbar	rbc	bc	41	48	0.3	-	0.2
12. Troon	roc	ocrg	44	49	8	1	0.0
Douglas	om, f	oidg	44	47	3	0.3	0.0

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



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th Dec., 1933.

1. S.E. England	Light southerly or variable wind, cloudy or dull with local rain or drizzle, perhaps fair periods later; local mist or fog; rather cool.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate westerly wind, showers and bright intervals; moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	As 1 - 4.
9. N. Midlands	
10. N.E. England	Light or moderate south to southwest wind, veering west later; cloudy with occasional rain, bright intervals later; moderate temperature.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotland. B. N.W. Scotland.	As 5 - 7.
14. Mid-Scotland	Moderate south to southwest wind, veering west later, cloudy with occasional rain at first, bright periods later; rather cool.
15. N.E. Scotland	
16. Orkneys and Shetlands.	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	As 12 - 13.
20. S.W. Ireland	

H.B. Stationary Office Press, Kingston, K.C.2.

P. 702/10270. W. 47. 0.6001. 0.900. 26530. 12/33.

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: — Clear sky. — Sky less than $\frac{1}{2}$ clouded. — Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. — Sky $\frac{3}{4}$ to $\frac{5}{8}$ clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.

SEA DISTURBANCE. — Rough. — High.

BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression is stationary off Southwest Iceland whilst a trough of low pressure extends over the Irish Sea. In the West there will be bright periods and showers. In the East weather will be cloudy or dull with occasional local rain at first and perhaps a fairer period later.

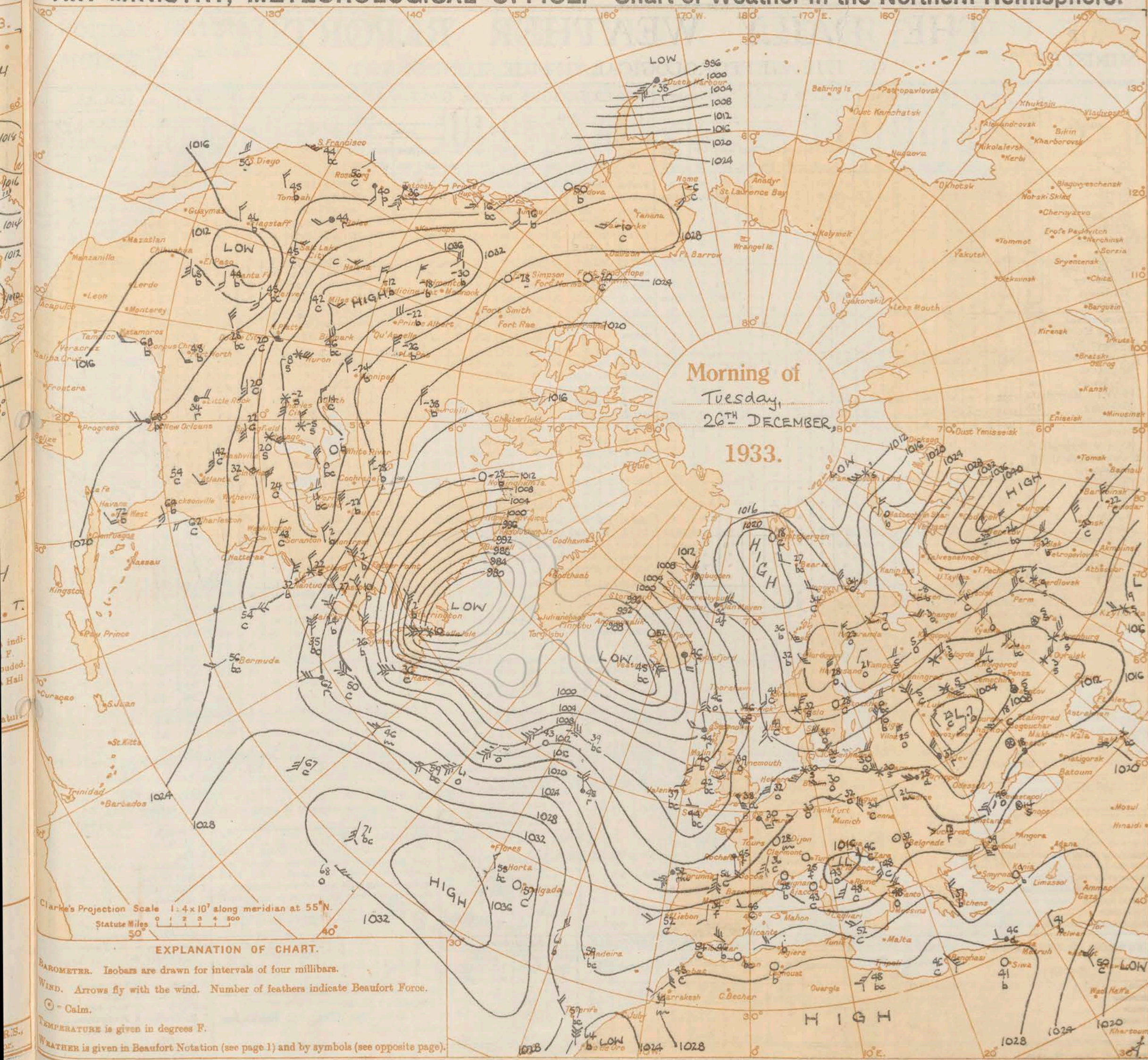
FURTHER OUTLOOK.

Bright periods and showers chiefly in the West

Forecasts issued at 1100 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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 26th December 1933.

No. 26332

STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 26 th December														OBSERVATIONS at 7 hr. G.M.T. 26 th December														PAST 24 HOURS.									
	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.						State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUM- SUN- DRIFT 25 th Hrs.	
				Direc.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10	Height of Base (feet)			Direc.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10	Height of Base (feet)			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)			
1 London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	1008.6	-10	E'S	2	cc	38	95	5	6	-	-	10	10	1500	1	*	39	38	35	-	1	0.0			
Croydon ...	217	1011.5	-10	SSE	3	c	37	95	6	5	-	-	10	1009.5	-6	SE'S	4	dd	38	95	6	6	2	-	9	10	450	1	*	37	37	34	-	0.6	0.0			
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	1008.1	-6	SE	2	cc	39	95	5	6	-	-	10	10	1500	1	*	39	37	35	-	1	0.0			
Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	*	1007.7	-4	-	0	p	38	95	2	5	-	-	10	10	450	1	*	40	36	34	-	1	0.0			
Calshot (St. Mary's) ...	8	*	*	*	*	*	*	*	*	*	*	*	*	1007.6	-10	E'N	3	cc	41	95	5	5	-	-	10	10	1500	1	2	41	38	34	-	3	0.0			
Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3	39	35	*	Tr	0.5	*				
Lympne ...	346	1012.7	-10	SSE	3	dd	35	95	4	5	-	-	10	1010.3	-12	SE	3	df	35	95	3	6	-	-	10	10	450	1	*	37	34	34	Tr	0.5	0.0			
2 Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	1009.7	-8	SSE	3	cc	36	95	5	6	-	-	10	10	800	1	*	36	34	33	-	0.3	0.0			
Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	1010.3	-8	SE'S	3	z	38	95	6	5	-	-	10	10	1500	0	2	36	35	33	-	-	0.0			
Gorleston ...	5	1011.8	-10	SSE	2	c	33	95	6	5	-	-	7-8	1010.0	-2	S'E	3	c	37	95	6	5	-	-	10	10	2500	0	2	34	32	31	-	-	0.0			
Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	1008.8	0	SE	2	df	36	95	3	5	-	-	10	10	450	1	*	39	34	30	Tr	0.5	0.0			
3 Birmingham ...	595	*	*	*	*	*	*	*	*	*	*	*	*	1009.0	-2	SSE	1	f	37	95	2	5	-	-	4-6	4-6	2500	2	*	40	34	32	0.2	1	0.1			
Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	*	1008.4	-4	S	1	f	37	95	3	5	-	-	10	10	450	1	*	40	35	28	-	1	0.1			
4 Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	1007.5	-4	E	1	F	37	95	1	-	-	-	0	1	-	1	*	43	36	30	-	1	0.1			
5 Portland Bill ...	32	1007.3	-14	SSW	4	rr	45	95	6	5	-	-	10	1007.2	-2	NW	2	c	41	95	7	5	-	-	7-8	7-8	1500	1	3	45	40	*	-	4	*			
Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	1007.5	-4	NE	2	F	35	95	1	-	-	-	0	0	-	1	1	47	35	33	1	3	0.0			
The Lizard ...	240	*	*	*	*	*	*	*	*	*	*	*	*	1007.3	0	W'S	2	bc	45	85	8	4	-	-	1	1	2500	1	3	49	45	*	4	0.6	*			
Scilly (St. Mary's) ...	163	1008.1	-4	W	4	bc	47	85	8	2	1	-	2-3	1007.3	-4	W'S	1	bc/pr	44	85	8	3	-	-	4-6	4-6	1500	1	3	50	43	*	3	0.2	0.1			
Guernsey ...	175	1009.2	-2	SW'S	3	0	45	95	6	5	-	-	10	1008.6	-2	W'S	1	c	42	95	7	8	1	-	4-6	9	2500	1	1	42	42	34	3	5	0.0			
6 Pembroke ...	142	1006.3	0	W	2	b	47	85	7	5	-	-	2-3	1008.6	-2	-	0	bc	46	85	7	5	7	-	2-3	2-3	4000	0	1	51	44	*	3	2	0.0			
7 Holyhead ...	26	*	*	*	*	*	*	*	*	*	*	*	*	1006.9	+6	E'S	2	bc	42	95	7	5	-	-	2-3	2-3	2500	1	1	46	42	34	1	1	0.0			
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	1006.8	0	SSE	2	f	33	95	3	-	-	-	0	0	-	1	*	44	33	25	Tr	3	1.4			
8 L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	*	1006.6	+2	SE	3	f	35	95	2	5	-	-	10	10	450	1	*	43	35	33	Tr	5	0.0			
Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	1007.4	0	-	0	z	39	95	6	5	-	-	10	10	1500	1	*	42	38	36	Tr	2	*			
9 Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	1007.2	0	S	1	df	37	95	3	5	-	-	10	10	450	1	*	42	37	33	1	1	0.0			
10 Spurn Head ...	29	1008.3	-4	S	3	c	38	95	6	5	2	-	4-6	1007.8	0	S'W	4	df	37	95	3	5	-	-	10	10	220	1	3	39	36	*	-	0.1	0.0			
Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	1007.1	+2	SE	2	f	36	95	3	5	-	-	10	10	450	1	*	35	35	35	2	0.5	0.9			
Tynemouth ...	100	1006.6	-4	SW	2	0	40	85	4	6	-	-	10	1005.7	-4	SW	2	o/r	39	95	5	6	-	-	10	10	1500	1	1	41	37	36	2	2	*			
11 Inchkeith ...	190	1004.9	-10	S	1	Tr	45	85	7	6	-	-	10	1004.0	+4	S	2	bc/pr	43	85	7	5	-	-	4-6	4-6	1500	1	1	47	42	38	1	3	0.0			
Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	1005.0	+2	SSW	2	Tr	42	95	6	6	-	-	10	10	1500	1	*	47	41	34	0.1	0.4	0.0			
12 Renfrew (Abbotts) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1003.9	+8	SW'S	2	z	44	95	6	5	-	-	9+	9+	1500	1	*	49	43	39	1	1	0.0			
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1005.1	+6	S	1	0	39	95	5	5	-	-	10	10	450	1	*	42	38	38	5	3	0.0			
13a Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1001.7	+14	W	1	bc	44	95	7	5	-	-	4-6	4-6	2500	1	25	48	44	38	6	9	0.0			
13b Stornoway ...	34	999.7	-6	S	2	c	49	95	7	8	6	-	4-6	999.7	+12	W	2	Tr	44	95	8	3	-	-	10	10	450	1	1	49	44	*	1	1	0.0			
15 Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	1003.5	+14	SW	3	c	41	85	8	7	-	-	7-8	7-8	1500	0	*	44	39	37	Tr	-	0.0			
Aberdeen ...	37	*	*	*	*	*	*	*	*	*	*	*	*	1004.5	+6	S	3	cc	44	95	6	6	2	-	7-8	10	800	1	1	45	43	39	0.1	1	1.2			
Wick ...	81	1001.8	-8	SSE	2	c	47	95	8	5	2	-	7-8	1002.2	+8	SSE	4	c	46	95	8	5	1	-	4-6	7-8	1500	1	3	47	45	*	0.1	-	*			
16 Lerwick ...	54	1005.7	+2	SE	4	c	45	85	7	5	2	-	4-6	1005.5	0	SE	6	c	46	85	7	8	2	-	9	10	800	0	*	47	45	*	Tr	-	0.0			
17 Blacksod Point ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1004.1	+6	WNW	3	bc	43	85	7	9	-	-	7-8	7-8	800	0	3	52	39	*	2	3	*			
18 Malin Head ...	52	*	*	*	*	*	*	*	*	*	*	*	*	1002.8	+10	S	2	bc	40	85	7	4	-	-	1	1	1500	0	1	49	39	*	3	3	0.8			
Aldergrove ...	238	*	*	*	*	*	*	*	*	*	*	*	*	1004.7	+6	SW	2	f	37	95	3	5	-	-	10	10	220	1	*	49	35	32	1	3	0.1			
Donaghadee ...	40	*	*	*	*	*	*	*	*	*	*	*	*	1004.7	+12	SW	1	bc	36	95	7	5	-	-	4-6	4-6	1500	0	1	50	35	*	0.4	3	*			
19 Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	*	1006.1	+6	SW	1	c	33	95	7	-	-	7	0	10	-	1	*	49	32	22	3	-	0.0			
20 Valentia Obsy.†	30	*	*	*	*	*	*	*	*	*	*	*	*	1006.4	+6	E	2	bc	37	95	8	8																

LONDON OBSERVATIONS.												EXPLANATION OF FIGURES, LETTERS, etc.											
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations, except Greenwich & Hampstead rainfall, 9h—18h.												The barometric tendency is expressed in tenths of a millibar.											
Kew 18 CROYDON 217 GREENWICH (Royal Observatory) ... 149 CITY (Bunhill Row) WESTMINSTER (St. James' Park) ... 27 REGENTS PK. (Botanic Gardens) ... 168 CAMDEN SQUARE 110 KENSINGTON 80 HAMPSHIRE OBSERVATORY 450												COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.											
COLUMNS 3, 22.—Code for surface visibility. Objects not visible at												COLUMNS 4, 18. The BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.											
COLUMNS 5, 22.—Code for surface visibility. Objects not visible at												COLUMNS 6, 22.—Code for surface visibility. Objects not visible at											
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday, 27th December 1933.
No. 26,333

DISTANCE.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 26th December														OBSERVATIONS at 18h. G.M.T. 26th December														PAST 24 HOURS.					
		Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. (6)	Humid. (7)	Visibility (8)	Cloud. (9-14)						Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. (20)	Humid. (21)	Visibility (22)	Cloud. (23-28)						State of Ground. (29)	Sea. (30)	WEATHER. (31-34)			
				Dir. (4)	Force (0-12)					Low. (9)	Med. (10)	High. (11)	Low. (12)	Total (13)	Height of Base. (feet) (14)			Dir. (18)	Force (0-12)					Low. (23)	Med. (24)	High. (25)	Low. (26)	Total (27)	Height of Base. (feet) (28)			7h.-18h. (37)	18h.-18h. (38)	18h. to 1b. (39)	1b.-7h. (40)
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)	
1	London (Kew)...	1008.2	-4	ENE	1	rs	40	95	2	5	-	10	10	<150	1008.5	+10	NW	1	F	40	95	1	5	-	-	10	10	<150	1	*	od. m. or s. of	cm.	om.	om.	
	Croydon	1008.9	-2	SE	1	rs	40	95	4	5	2	-	9	10	450	1009.1	+2	-	0	45	95	2	5	-	-	10	10	<150	1	*	cd. m. or s. of	od. fm.	om. fm.	om. fm.	
	S. Farnborough	1008.1	-2	NE	1	rs	40	95	3	5	-	-	10	10	800	1008.5	+8	NW	1	45	95	3	5	-	-	10	10	450	1	*	od. s. of	od. fm.	od. fm.	od. fm.	
	Boscombe Down	1007.8	-4	-	0	rs	40	95	2	5	-	-	10	10	<150	1008.7	+6	NNW	1	45	95	2	5	-	-	10	10	<150	1	*	sem. fe	od. fm.	od. fm.	od. fm.	
	Calshot, S. thmtn	1007.6	-2	NW	2	rs	42	95	2	5	-	-	10	10	<150	1008.3	+2	NNW	2	0	41	95	6	5	-	-	10	10	1500	1	0	od. s. of	od. fm.	om. cm.	cm. add. m.
	Dungeness	*	*	S	3	rs	*	*	4	9	-	-	10	10	800	*	*	SE	2	rs	*	*	4	6	-	*	10	10	800	*	2	rs. m.	rs. m.	rs. m.	rs. m.
	Lympe	1009.1	-8	S	3	rs	37	95	2	6	-	-	10	10	<150	1009.3	0	SSE	2	45	95	2	5	-	-	10	10	<150	1	*	od. s. of	od. fm.	od. fm.	od. fm.	
2	Shoeburyness	1008.8	-8	SSE	2	rs	38	95	2	6	-	-	10	10	450	1008.9	+2	SSE	1	0	37	95	5	5	-	-	10	10	450	1	*	od. s. of	od. fm.	om.	cm.
	Felixstowe	1009.2	-10	SE	3	rs	38	95	3	5	-	-	10	10	450	1009.3	0	SE	2	45	95	4	6	-	-	10	10	800	1	2	cm. od. s. of	od. s. of	od. s. of	om. rs. m.	
	Gorleston	1009.6	-8	SE	5	rs	39	85	5	6	-	-	10	10	1500	1009.5	0	SE	5	rs	39	95	5	6	-	-	10	10	800	1	4	od. s. of	od. s. of	od. s. of	od. s. of
	Cranwell	1009.2	-2	SE	2	rs	37	95	1	5	-	-	10	10	<150	1009.2	0	ESE	1	45	95	2	5	-	-	10	10	<150	1	*	od. s. of	od. s. of	od. s. of	od. s. of	
3	Birmingham	1008.0	-2	-	0	rs	39	95	3	5	-	-	10	10	800	1009.0	+4	SSE	1	45	95	3	5	-	-	10	10	800	1	*	od. s. of	od. s. of	od. s. of	od. s. of	
	Upper Heyford	1008.4	-2	-	0	rs	39	95	3	5	-	-	10	10	450	1009.0	+6	SSW	1	30	37	95	6	5	-	-	10	10	450	1	*	od. s. of	od. s. of	od. s. of	od. s. of
4	Ross-on-Wye	1007.9	-4	WNW	2	om	41	95	4	5	-	-	10	10	450	1008.3	+6	-	0	30	40	95	6	5	-	-	10	10	800	1	*	Fe. of	om.	om.	om.
5	Portland Bill	1007.4	-6	WNW	2	om	41	95	4	5	-	-	10	10	<150	1008.5	+6	SW	2	F	39	95	1	5	-	-	10	10	<150	1	2	od. s. of	od. s. of	od. s. of	od. s. of
	Plymouth	1007.5	-6	W	1	bc	41	95	2	-	-	-	0	0	-	1008.4	+6	-	0	41	95	3	-	3	-	0	9+	-	1	1	b. fm. of	od. s. of	od. s. of	od. s. of	
	The Lizard	1007.5	-2	WSW	2	bc	51	65	8	4	4	-	2-3	4-6	2500	1009.0	+6	WSW	2	bc	43	85	8	8	6	-	2-3	4-6	2500	1	2	bc	bc	bc	bc
	Scilly (St. Mary's)	1007.5	-2	NW	2	bc	51	65	8	2	7	-	2-3	4-6	4000	1009.1	+8	NW	3	bc	44	85	8	2	-	4-6	4-6	4000	1	2	bc	bc	bc	bc	
	Guernsey	1008.1	-6	-	0	bc	49	85	8	7	-	-	4-6	4-6	2500	1008.1	0	-	0	bc	43	95	7	8	7	-	4-6	4-6	2500	0	1	bc	bc	bc	bc
6	Pembroke	1006.2	0	E	1	bc	45	85	7	7	-	2-3	4-6	4000	1008.0	+6	NNW	1	bc	41	85	7	7	7	-	2-3	4-6	4000	1	2	bc	bc	bc	bc	
7	Holyhead	1007.8	+2	SSE	3	cu	44	95	8	2	2	-	4-6	10	1500	1008.9	+8	SW	1	rs	43	85	7	6	-	8	7-8	10	2500	1	1	bc	bc	bc	bc
	Chester (Sealand)	1008.0	-2	SSE	1	c/s	36	95	4	5	1	8	2-3	9+	450	1008.9	+8	SSE	2	F	37	95	1	5	-	-	10	10	<150	1	*	od. s. of	od. s. of	od. s. of	od. s. of
8	L'pool (Bidston)	1008.1	0	SE	3	rs	37	95	3	5	1	-	2-3	10	220	1008.5	+2	SE	2	F	37	95	1	5	-	-	10	10	<150	1	*	Fe. of	om.	om.	om.
	Manchester	1008.1	+2	-	0	om	41	95	4	5	-	-	10	10	1500	1008.6	+6	-	0	38	95	2	5	-	-	10	10	220	1	*	cm. om.	om. of	od. fm.	om. d.	
9	Harrogate	1008.0	0	-	0	rs	38	95	1	5	-	-	10	10	<150	1007.2	0	S	1	rs	37	95	2	5	-	-	10	10	<150	1	*	od. s. of	od. s. of	od. s. of	od. s. of
10	Spurn Head	1008.5	0	SSE	4	rs	37	95	3	5	-	-	10	10	220	1008.7	0	SSE	4	rs	37	95	7	3	-	-	10	10	2500	1	3	od. s. of	od. s. of	od. s. of	od. s. of
	Catterick	1008.5	0	SE	1	rs	37	95	2	5	-	-	10	10	<150	1009.0	+4	SSE	1	rs	37	95	3	5	-	-	10	10	<150	1	*	od. s. of	od. s. of	od. s. of	od. s. of
	Tynemouth	1007.6	+6	SW	2	rs	39	85	3	5	-	-	10	10	1500	1007.7	0	SW	2	rs	39	95	4	6	-	-	10	10	1500	1	1	od. s. of	od. s. of	od. s. of	od. s. of
11	Inchkeith	1007.3	+10	W	2	c	42	85	7	5	-	6	4-6	10	1500	1008.6	+4	WSW	1	c	41	95	6	5	3	-	4-6	9+	1500	0	1	c	bc	c/s	od. s. of
	Leuchars	1007.5	+10	W	1	bc	43	85	6	5	-	6	1	4-6	2500	1009.0	+6	-	0	m	34	95	4	-	5	8	0	7-8	-	1	bc	bc	bc	bc	
12	Renfrew (Abbotts)	1007.4	+6	SW	1	30	44	85	6	7	-	1	9	9	4000	1007.3	+4	-	0	30	39	95	5	5	-	7	2-3	10	2500	1	*	cm.	cm.	cm.	cm.
	Eskdalemuir	1007.3	+6	S	1	id.	40	95	6	5	-	-	10	10	450	1008.4	+4	-	0	c	38	95	6	5	-	-	9+	9+	450	1	*	od. s. of	od. s. of	od. s. of	od. s. of
13	Tiree	1005.2	+6	SW	3	c/pr	47	85	7	8	7	-	4-6	7-8	2500	1006.3	+6	SSW	2	c	36	95	7	7	-	8	7-8	2500	0	2	cpr.	bc	bc	bc	
13	Stornoway	1003.7	+13	WSW	2	cpr	43	95	8	5	2	-	7-8	10	1500	1006.3	+6	-	0	c	41	95	8	8	6	-	4-6	7-8	1500	1	0	cir. pr.	cpr.	bc	bc
15	Dalwhinnie	1007.4	+12	SW	3	bc	41	85	8	4	1	-	4-6	4-6	1500	*	+16	-	0	bc	34	95	8	4	1	-	2-3	4-6	2500	0	1	c	bc	bc	bc
	Aberdeen	1006.5	+8	S	3	c	44	95	5	8	-	-	7-8	7-8	4000	1008.4	+12	SW	2	bc	37	95	4	5	-	-	2-3	2-3	2500	1	1	cir. c	bc	bc	bc
	Wick	1004.5	+20	S	3	c	46	95	8	9	1	4-6	7-8	1500	1006.2	+16	S	2	c	44	95	8	5	1	8	4-6	7-8	2500	1	2	cpr.	c	bc	bc	
16	Lerwick	1007.5	+6	SE	6</																														

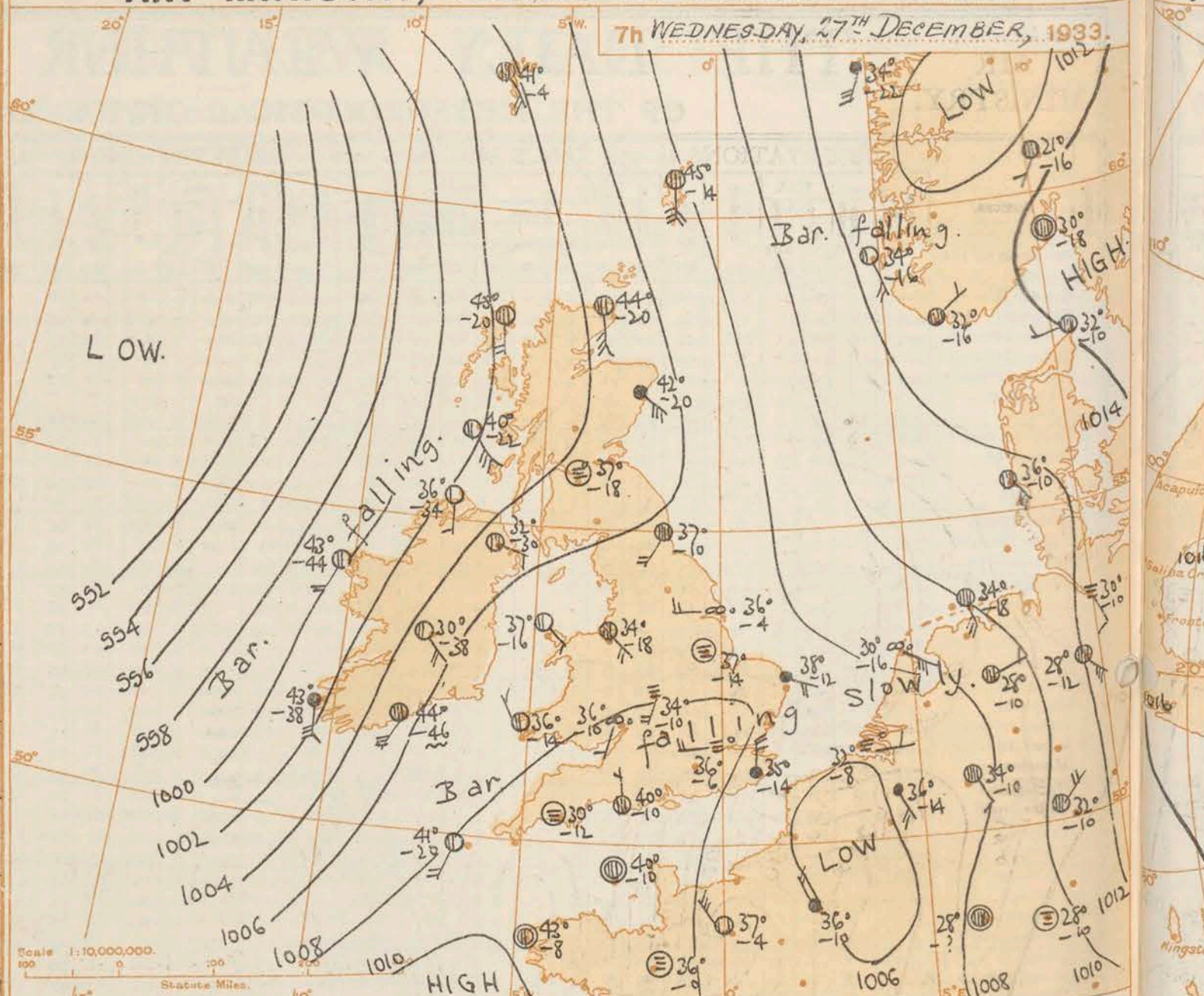
REPORTS from HEALTH RESORTS for 26th December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 26th.	Max. 9h. to 17h. 26th.	Night. 17h. 26th. to 9h. 27th.	Day. 9h. to 17h. 26th.	
1	Tunbridge W.	ovo	omf	32	41	1	3	0.0
	Bournemouth	f	f	38	40	3	—	0.0
	Ventnor	ovscj	cbaj	41	45	6	Trace	1.2
	Southsea	osdo	odow	34	43	5	Trace	0.0
	Bognor Regis	cvc	co	35	44	4	2	0.0
	Littlehampton	cvc	cof	34	43	3	2	0.0
	Worthing	vo	od	34	42	3	2	0.0
	Brighton	fd	f	35	42	4	2	0.0
	Eastbourne	dvo	vow	38	41	5	2	0.0
	Hastings	omd	omvo	37	40	2	1	0.0
	Folkestone	osd	osd	34	38	1	2	0.0
	Dover	o	ovd	34	39	2	1	0.0
2	Deal	od	od	35	38	1	1	0.0
	Ramsgate	odo	ovo	34	39	1	1	0.0
	Margate	cd	cd	33	38	0.1	1	0.0
	Southend	ov	ovf	32	38	2	5	0.0
	Maldon	vv	vv	35	38	2	4	0.0
	Clacton-on-Sea	ogmr	ogmr	38	38	3	4	0.0
	Dovercourt	docm	vocm	31	38	Trace	1	0.0
	Lowestoft	oid	od	31	39	0.4	0.2	0.0
	Skegness	omd	advr	32	38	0.4	4	0.0
	Mablethorpe	fc	c	34	40	3	—	0.0
	Cleethorpes	odm	adv	34	38	0.4	1	0.0
	Leamington S.	o	om	35	40	1	—	0.0
3	Cheltenham	omce	ceom	35	42	2	Trace	0.0
	Bath	fa	fcw	30	41	3	—	0.0
	Weymouth	gom	cfs	39	44	4	—	0.3
	Jersey	fbz	bzf	34	48	4	Trace	2.2
	Torquay	bfbz	bfbz	34	48	1	—	4.2
	Penzance	pbc	bphc	38	51	1	Trace	5.6
	St. Ives	b	b	40	49	4	—	6.7
	Bude	pdkc	b	33	49	0.5	—	4.4
	Ilfracombe	b	b	41	43	3	—	5.0
	Aberystwyth	pr	pr	39	45	2	2	0.0
	Llandudno	co	ovod	39	44	2	0.4	0.0
	Colwyn Bay	co	opo	38	44	3	1	0.0
4	Rhyl	c	cm	35	42	3	—	0.0
	Wallasey	fm	mf	35	39	5	—	0.0
	Southport	om	om	36	41	2	—	0.0
	Blackpool	oso	o	37	41	2	—	0.0
	Morecambe	c	c	38	43	2	—	0.0
	Ilkley	fc	c	34	40	3	—	0.0
	Berwick-on-T.	oc	c	40	42	0.2	—	0.3
	Dunbar	bcm	bcm	38	43	2	—	0.4
	Troon	vc	bcm	38	48	1	—	0.3
	Douglas	xlcacr	omc	38	44	3	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.

7th WEDNESDAY, 27th DECEMBER, 1933.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th Decr. 1933.
1. S.E. England	Light variable wind, freshening from south later; dull with local fog at first, rain probable later; rather low to moderate temperature.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate to fresh southerly wind, strong locally, veering later; cloudy, occasional rain; bright intervals tomorrow; moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	As 1 - 3.
10. N.E. England	
11. S.E. Scotland	Moderate or fresh southerly wind; cloudy, occasional rain; rather low to moderate temperature.
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotl. B. N.W. Scotl. land.	Fresh or strong southerly wind, perhaps gale locally, veering later; cloudy, some rain, bright intervals tomorrow; moderate temperature.
14. Mid-Scotland	
15. N.E. Scotland	Wind southerly, fresh or strong; cloudy, occasional rain; moderate temperature.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Fresh or strong southerly wind, perhaps gale locally in the West, veering later; dull, some rain at first, bright intervals later; moderate temperature.
19. S.E. Ireland	
20. S.W. Ireland	

At Weather Office, Kingsway, N.C.2.

MS 782/2670.41.97.6.6601.02.109.26526.02/34.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Arrows fly with wind. Number of feathers indicate Beaufort Force. Calm is indicated by circle outside weather symbol. — **TEMPERATURE** is given in degrees F.
WEATHER SYMBOLS: — ○ Clear sky. ○ Sky less than $\frac{1}{2}$ clouded. ○ Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. ○ Sky $\frac{3}{4}$ to $\frac{5}{8}$ clouded. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. ▲ Hail. ≡ Fog. ≡ Mist. T Thunder. K Thunderstorm. ∞ Slight haze.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high over the Azores and North Russia and low near Southern Greenland and to southwest of Iceland. A trough of low pressure is approaching western Ireland. Rain is likely to spread from west to all districts.

FURTHER OUTLOOK.

Unsettled.

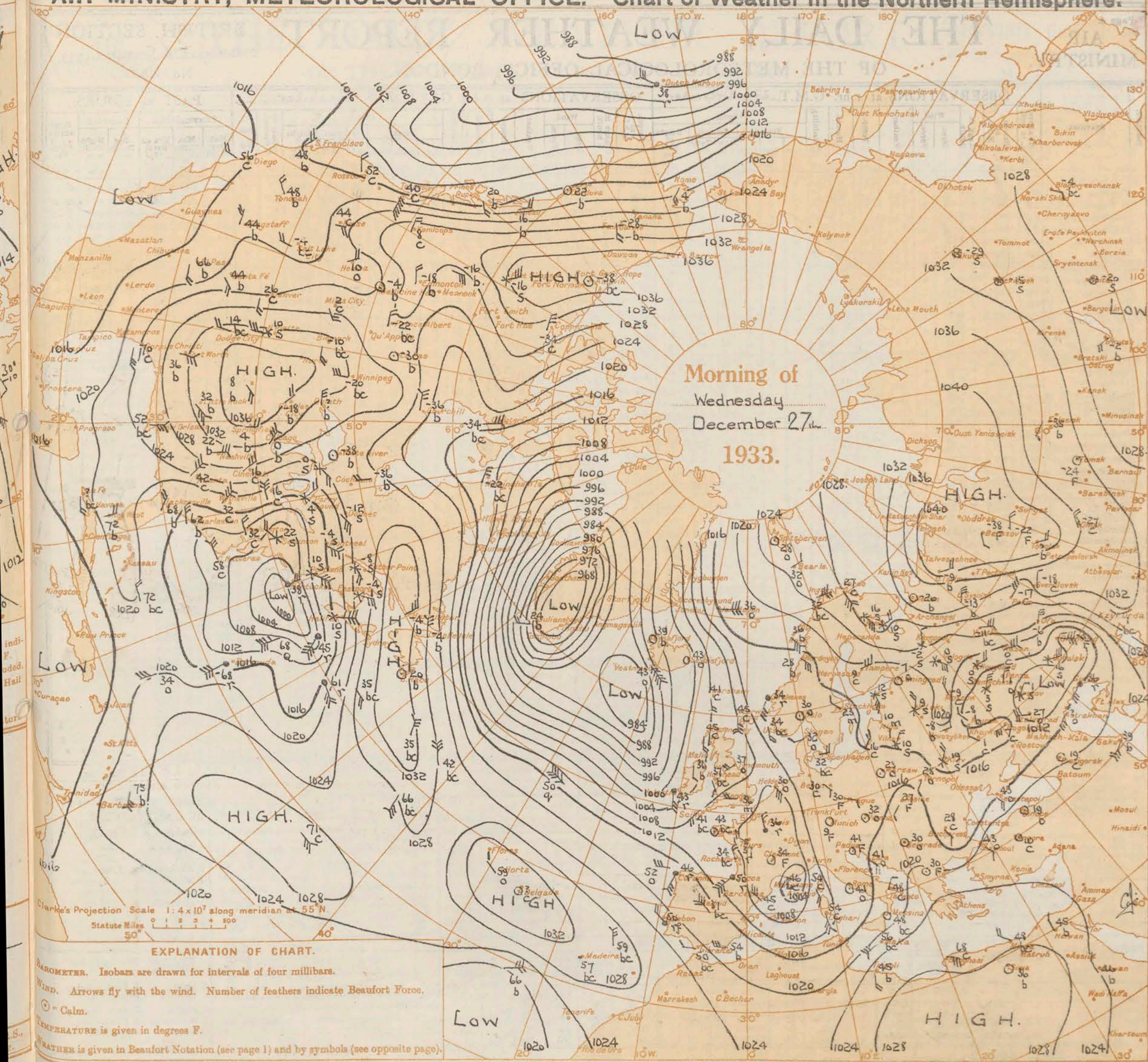
Time of Issue of Gale Warning.

✓ South cone at 0240 on 27th in districts 13B, 17 and 20.

Forecast issued at 1010 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.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 27th December 1933.

No. 26,333.

OBSERVATIONS at 1 hr. G.M.T. 27th December														OBSERVATIONS at 7 hr. G.M.T. 27th December														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp. of air.	Humid.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp. of air.	Humid.	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE.					
										Form.	Amount.	Height of Base (feet).	Form.								Amount.	Height of Base (feet).	Max. Day 7h-18h of.	Min. Night 18h-7h of.			Min. on Grass of.	Day 7h-18h mm.	Night 18h-7h mm.								
																														Low.	Med.		High.	Low.	Med.	High.	
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	1007.8	-8	WNW	2	o	37	95	5	5	-	-	10	10	1500	1	*	41	36	32	2	0.1	0.0			
	Croydon	217	1009.4	0	N	1	m	39	95	4	5	-	10	10	1008.6	-6	W	2	m	36	95	4	5	-	-	10	10	800	1	*	40	36	36	2	0.1	0.0	
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	1008.1	-6	WNW	1	id.	34	95	6	5	-	-	10	10	800	1	*	41	34	34	1	0.1	0.0			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	1007.6	-8	-	0	o	38	95	7	5	-	-	10	10	800	1	*	40	35	35	Tr	Tr	0.0			
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	1008.3	-8	NE'E	2	d.d.	35	95	6	5	-	-	10	10	1500	1	2	43	35	34	0.2	Tr	0.0			
	Dunegess	20	*	*	*	*	*	*	*	*	*	*	*	*	WSW	1	d.d.	*	*	4	6	-	-	10	10	800	*	0	37	36	*	5	0.2	*			
	Lympne	346	1008.3	-2	NNE	2	f	37	96	3	5	-	10	10	1007.1	-14	N	3	rr	35	95	5	6	-	-	10	10	450	1	*	38	35	35	2	0.5	0.0	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1006.8	-12	NNW	1	c	37	95	6	5	-	-	10	10	1500	1	*	39	36	36	7	-	0.0			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	1007.0	-10	NNW	1	r.v.	36	95	5	5	-	-	10	10	800	1	0	38	36	35	6	2	0.0			
	Gorleston	5	1009.2	0	SE'S	1	r.f.	38	95	5	6	-	10	10	1007.4	-12	ESE	2	r.v.	38	95	5	6	-	-	10	10	800	1	3	39	37	36	1	5	0.0	
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1007.5	-14	-	0	f	37	95	2	5	-	-	10	10	<150	1	*	37	36	35	0.3	0.1	0.0			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1007.6	-10	SSW	1	o	34	95	3	5	-	-	10	10	450	1	*	40	33	33	0.1	0.2	0.0			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	1007.8	-18	E	1	f	35	95	2	5	-	-	10	10	<150	1	*	40	35	35	Tr	Tr	0.0			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1008.0	-10	SSW	1	3o	36	95	5	5	-	-	10	10	800	1	*	41	36	34	0.1	-	0.0			
5	Portland Bill	32	1009.6	+6	N	2	F	37	95	1	5	-	10	10	1008.0	-10	N	1	c	40	95	7	5	-	-	10	10	1500	1	3	45	36	*	Tr	Tr	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	1008.7	-12	-	0	bF	30	95	0	-	-	-	0	0	-	1	0	48	29	25	0.1	0.1	4.9			
	The Lizard	240	1010.2	+2	WN	2	bc	39	95	8	7	-	2.3	2.3	1008.5	-12	-	0	b	40	85	8	7	-	-	Tr	Tr	4000	4	2	52	38	*	-	*		
	Scilly (St. Mary's)	163	1011.2	+4	NW	2	bc	44	75	8	2	-	4.6	4.6	1008.2	-20	SW	2	bc	41	85	8	2	-	-	4.6	4.6	4000	1	2	52	40	*	-	6.9		
	Guernsey	175	1009.4	+4	-	0	bc	41	95	7	8	-	4.6	4.6	1008.9	-10	-	0	c	40	95	7	8	-	-	4.6	4.6	1500	1	1	49	39	29	-	-	3.4	
6	Pembroke	142	1009.1	+4	NW	1	bc/pr	43	95	7	7	6	4.6	4.6	1007.3	-14	NNW	1	bc	36	95	7	7	5	-	4.6	4.6	2500	1	2	45	35	*	3	0.2	3.1	
7	Holyhead	26	1009.8	0	-	0	c	41	95	7	4	-	9+	9+	1007.9	-16	SE	1	bc	37	95	7	4	-	-	4.6	4.6	4000	1	0	44	36	30	0.3	1	0.0	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	1006.9	-18	SE'S	2	cm	34	95	4	5	-	-	9+	9+	1500	1	*	38	34	33	Tr	Tr	0.0			
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	1006.5	-10	SE'S	2	3o	36	95	5	5	-	-	10	10	800	1	*	38	35	34	Tr	Tr	0.0			
	Manchester	70	*	*	*	*	*	*	*	*	*	*	1007.1	-16	X	2	id.	38	95	5	5	-	-	10	10	800	1	*	42	36	35	-	Tr	*			
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	1006.9	-10	-	0	o	35	95	5	5	-	-	10	10	2500	1	*	38	35	32	0.5	0.2	0.0			
10	Spurn Head	29	1008.5	0	SSW	1	c	37	95	6	5	2	4.6	9+	1500	1006.6	-4	W	2	3o	36	95	5	5	2	-	2.3	10	800	1	1	39	34	*	5	3	0.0
	Catterick	175	*	*	*	*	*	*	*	*	*	*	1006.5	-12	SE	1	f	35	95	3	5	-	-	10	10	<150	1	*	37	35	35	0.4	0.5	0.0			
	Tynemouth	100	1007.8	+4	SW	2	o/r	38	95	6	6	-	10	10	1006.1	-10	SW	2	om	37	95	4	5	-	-	10	10	1500	1	1	39	36	35	0.2	4	*	
11	Inchkeith	190	1008.7	-4	WSW	1	m	40	95	4	5	-	10	10	1005.9	-26	-	0	o	33	95	3	5	-	-	10	10	800	1	0	43	38	30	-	1	0.4	
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	1004.3	-20	W	2	ir	37	95	4	6	-	-	10	10	1500	1	*	43	32	30	0.1	1	2.3			
12	Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	1005.0	-18	-	0	om	37	95	4	5	-	-	10	10	1500	1	*	46	35	30	-	0.3	0.8			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	1005.1	-22	-	0	o	36	95	2	5	-	-	10	10	<150	1	*	40	34	32	Tr	Tr	0.0			
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	1001.7	-22	S'E	4	bc	40	95	7	5	-	-	4.6	4.6	2500	0	2	47	34	28	0.3	-	0.0			
13b	Stornoway	34	1006.3	-2	SSW	2	bc	44	85	7	2	3	4	2.3	4.6	1002.4	-20	S	2	c	45	85	8	8	6	-	4.6	7.8	2500	1	1	45	39	*	2	-	0.3
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	1004.5	-26	SW	1	bc	31	95	8	7	-	-	2.3	2.3	2500	5	*	42	29	25	-	-	1.1			
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	1005.1	-20	SE'S	3	ir	42	85	6	6	2	-	7.8	10	1500	1	1	45	36	30	0.3	8	0.1			
	Wick	81	1007.8	0	SSW	2	bc	41	95	8	5	1	2.3	4.6	1004.3	-20	S	4	c	44	95	8	3	1	-	7											

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 28th December 1933.

No. 26334

DISTANCE.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 27 th December													OBSERVATIONS at 18h. G.M.T. 27 th December													PAST 24 HOURS.								
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea.	WEATHER.						
				Direc.	Force.					Low.	Med.	High.	Low.	Total 0-10			Height of Base. (feet)	Direc.					Force.	Low.	Med.	High.	Low.			Total 0-10	Height of Base. (feet)	7h.-13h. 27 th	13h.-18h. 27 th	18h.-27 th 28 th	1h.-7h. 28 th	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)			
1	London (Kew)...	1003.8	-2.8	SW	2	0	38	95	5	5	-	-	10	10	1500	998.0	-3.4	SSE	2	0	36	85	5	5	-	-	9+	9+	1500	1	0	am.	am.	cm.	cm.	
	Croydon	1005.0	-2.6	SW	2	0	37	95	5	5	-	-	10	10	800	999.1	-2.0	SE	3	0	35	95	5	5	-	-	9+	9+	450	1	0	am.	am.	cm.	cm.	
	S. Farnborough	1003.6	-3.4	SW	2	0	38	95	6	5	-	-	10	10	800	997.1	-4.2	SE	2	0	35	95	5	5	-	-	4.6	7.8	1500	1	0	ad. m. of	am.	cm.	cm.	
	Boscombe Down	1003.2	-4.0	SSW	1	0	38	85	6	8	-	-	9+	9+	800	996.1	-4.6	ESE	3	0	34	95	2	5	-	-	10	10	1500	1	0	ad. m. of	cm.	cm.	cm.	
	Calshot, S'thamtn	1004.1	-3.2	ESE	2	0	40	95	5	5	-	-	2-3	7-8	1500	996.4	-4.4	E	4	0	38	85	7	5	2	6	4-6	9+	2500	0	2	old. m. of	cm.	cm.	cm.	
	Dungeness	1003.9	-2.6	NW	1	0	37	95	5	5	-	-	9	9	1500	999.7	-2.6	NW	2	0	34	95	5	5	-	-	9+	9+	1500	1	0	ad. m. of	cm.	cm.	cm.	
	Lympe	1003.9	-2.6	NW	1	0	37	95	5	5	-	-	7-8	10	800	999.7	-2.6	SW	2	0	34	95	5	5	-	-	10	10	800	1	0	ad. m. of	cm.	cm.	cm.	
2	Shoeburyness	1003.6	-2.2	NW	1	0	39	95	5	6	-	-	10	10	800	998.4	-3.0	SW	2	0	36	95	4	5	-	-	10	10	800	1	0	ad. m. of	cm.	cm.	cm.	
	Felixstowe	1003.4	-2.6	NW	1	0	37	95	5	5	-	-	10	10	800	998.7	-3.0	-	0	37	95	4	5	-	-	9+	9+	800	1	0	ad. m. of	cm.	cm.	cm.		
	Gorleston	1003.4	-2.4	WNW	2	0	37	95	6	6	-	-	10	10	800	998.3	-3.0	WNW	1	0	36	95	5	5	-	-	10	10	1500	1	0	ad. m. of	cm.	cm.	cm.	
	Cranwell	1003.3	-3.0	-	0	0	37	95	5	5	-	-	10	10	450	997.3	-3.2	SE	1	0	36	95	4	5	-	-	10	10	450	1	0	ad. m. of	cm.	cm.	cm.	
3	Birmingham	1003.3	-3.0	SSW	1	0	37	95	5	6	3	-	2-3	9	1500	996.7	-3.8	SE	3	0	36	95	5	6	3	-	2-3	9	1500	1	0	ad. m. of	cm.	cm.	cm.	
	Upper Keyford	1003.6	-3.0	SSW	2	0	37	95	6	5	-	-	10	10	450	997.0	-3.0	SE	3	0	35	95	6	5	-	-	10	10	450	1	0	ad. m. of	cm.	cm.	cm.	
4	Ross-on-Wye	1002.1	-3.2	SW	2	0	41	95	6	1	-	-	6	2-3	7-8	2500	994.8	-5.0	SE	3	0	36	85	6	6	2	-	10	10	2500	1	0	ad. m. of	cm.	cm.	cm.
5	Portland Bill	1003.4	-2.4	N	1	0	41	95	8	4	-	-	2	4-6	4-6	2500	993.8	-6.0	SSE	4	0	45	95	8	5	-	-	7-8	7-8	2500	0	3	ad. m. of	cm.	cm.	cm.
	Plymouth	1002.7	-4.6	ENE	2	0	39	95	6	5	7	-	4-6	9+	800	990.7	-5.6	SSE	5	0	44	75	6	6	2	-	9	10	800	1	4	ad. m. of	cm.	cm.	cm.	
	The Lizard	1001.2	-4.0	S'E	4	0	46	75	8	8	7	-	7-8	10	2500	997.0	-5.0	S	7	0	45	95	5	6	-	-	10	10	1500	1	4	ad. m. of	cm.	cm.	cm.	
	Seilly (St. Mary's)	999.7	-6.0	SSW	6	0	46	85	7	9	-	-	10	10	2500	996.2	-4.4	NW	6	0	43	95	6	9	-	-	10	10	2500	1	4	ad. m. of	cm.	cm.	cm.	
	Guernsey	1005.1	-2.8	-	0	0	46	75	8	8	2	-	4-6	7-8	2500	995.4	-5.0	SSE	4	0	44	85	7	5	-	-	7-8	7-8	2500	0	3	ad. m. of	cm.	cm.	cm.	
6	Pembroke	999.2	-3.8	SSE	3	0	45	75	7	8	2	-	7-8	10	1500	998.1	-6.2	S	4	0	42	85	7	6	-	-	10	10	1500	1	3	ad. m. of	cm.	cm.	cm.	
7	Holyhead	1001.0	-5.0	SSE	4	0	42	85	7	4	5	6	4-6	9	2500	992.5	-5.0	ESE	4	0	41	85	7	5	-	-	10	10	4000	1	2	ad. m. of	cm.	cm.	cm.	
	Chester (Sealand)	1001.6	-4.0	SSE	2	0	41	85	5	5	1	4	1	7-8	4000	994.9	-3.2	SSE	2	0	34	95	4	5	1	6	2-3	7-8	2500	1	0	ad. m. of	cm.	cm.	cm.	
8	L'pool (Bidston)	1001.4	-3.6	SE	3	0	37	95	5	5	1	4	1	4-6	2500	994.2	-3.2	SE	3	0	36	95	6	5	1	-	2-3	9+	1500	0	0	ad. m. of	cm.	cm.	cm.	
	Manchester	1001.7	-4.0	-	0	0	41	85	5	5	3	-	2-3	9+	1500	995.3	-3.4	-	0	38	85	4	5	-	-	9+	9+	1500	1	0	ad. m. of	cm.	cm.	cm.		
9	Harrogate	1002.7	-2.6	S	1	0	37	95	1	5	-	-	10	10	1500	997.0	-3.0	S	1	0	36	95	1	5	-	-	10	10	1500	1	0	ad. m. of	cm.	cm.	cm.	
10	Spurn Head	1002.4	-1.4	-	0	0	36	95	3	5	-	-	10	10	1500	997.5	-1.8	SSE	2	0	37	95	6	5	2	-	7-8	10	1500	0	1	ad. m. of	cm.	cm.	cm.	
	Catterick	1002.0	-3.0	SSE	1	0	36	95	3	5	-	-	10	10	1500	996.2	-2.8	SSE	2	0	36	95	1	5	-	-	10	10	1500	1	0	ad. m. of	cm.	cm.	cm.	
	Tynemouth	1002.0	-2.0	SW	2	0	39	95	3	5	-	-	10	10	1500	996.4	-3.6	S	2	0	39	85	5	6	-	-	10	10	1500	1	0	ad. m. of	cm.	cm.	cm.	
11	Inchkeith	1001.5	-3.0	S	1	0	40	85	6	5	-	-	9+	9+	1500	996.2	-1.4	ESE	2	0	38	85	7	5	-	-	2-3	10	2500	0	1	ad. m. of	cm.	cm.	cm.	
	Leuchars	1001.5	-2.6	SSE	1	0	39	95	7	5	-	-	9	9	4000	997.0	-3.0	ESE	1	0	35	85	6	5	-	-	9	9	2500	1	0	ad. m. of	cm.	cm.	cm.	
12	Renfrew (Abbotts)	1000.1	-3.4	SSE	2	0	42	75	6	8	-	-	9	9	4000	995.3	-2.2	ESE	3	0	38	85	5	5	7	-	4-6	9+	4000	1	0	ad. m. of	cm.	cm.	cm.	
	Eskdalemuir	1000.4	-3.4	SSE	2	0	36	95	6	5	-	-	10	10	220	995.0	-1.6	E	2	0	36	95	6	5	-	-	10	10	800	1	0	ad. m. of	cm.	cm.	cm.	
13a	Tiree	995.9	-2.8	S	5	0	42	85	8	5	7	-	4-6	7-8	2500	991.2	-1.6	SE	5	0	42	85	8	5	-	-	9	9	2500	0	3	ad. m. of	cm.	cm.	cm.	
13b	Stornoway	997.9	-1.4	S	3	0	44	75	8	5	6	-	4-6	7-8	1500	994.3	-1.2	SE	4	0	43	65	8	4	6	-	4-6	9	2500	1	2	ad. m. of	cm.	cm.	cm.	
15	Dalwhinnie	1000.2	-2.4	S	4	0	35	95	7	3	2	-	7-8	10	450	997.3	-2.2	S	3	0	35	95	8	4	2	-	4-6	7-8	1500	1	0	ad. m. of	cm.	cm.	cm.	
	Aberdeen	1000.9	-2.2	SSW	2	0	39	85	5	8	-	-	9	9	1500	996.8	-2.0	SE	2	0	40	85	5	6	-	-	9	9	1500	1	2	ad. m. of	cm.	cm.	cm.	
	Wick	1000.2	-2.0	SSE	5	0	44	95	8	8	1	-	7-8	9	1500	996.9	-1.6	SSE	4	0	43	95	8	8	1	-	7-8	9+	1500	1	3	ad. m. of	cm.	cm.	cm.	
16	Lerwick	1004.1	-2.0	S'E	4	0	43																													

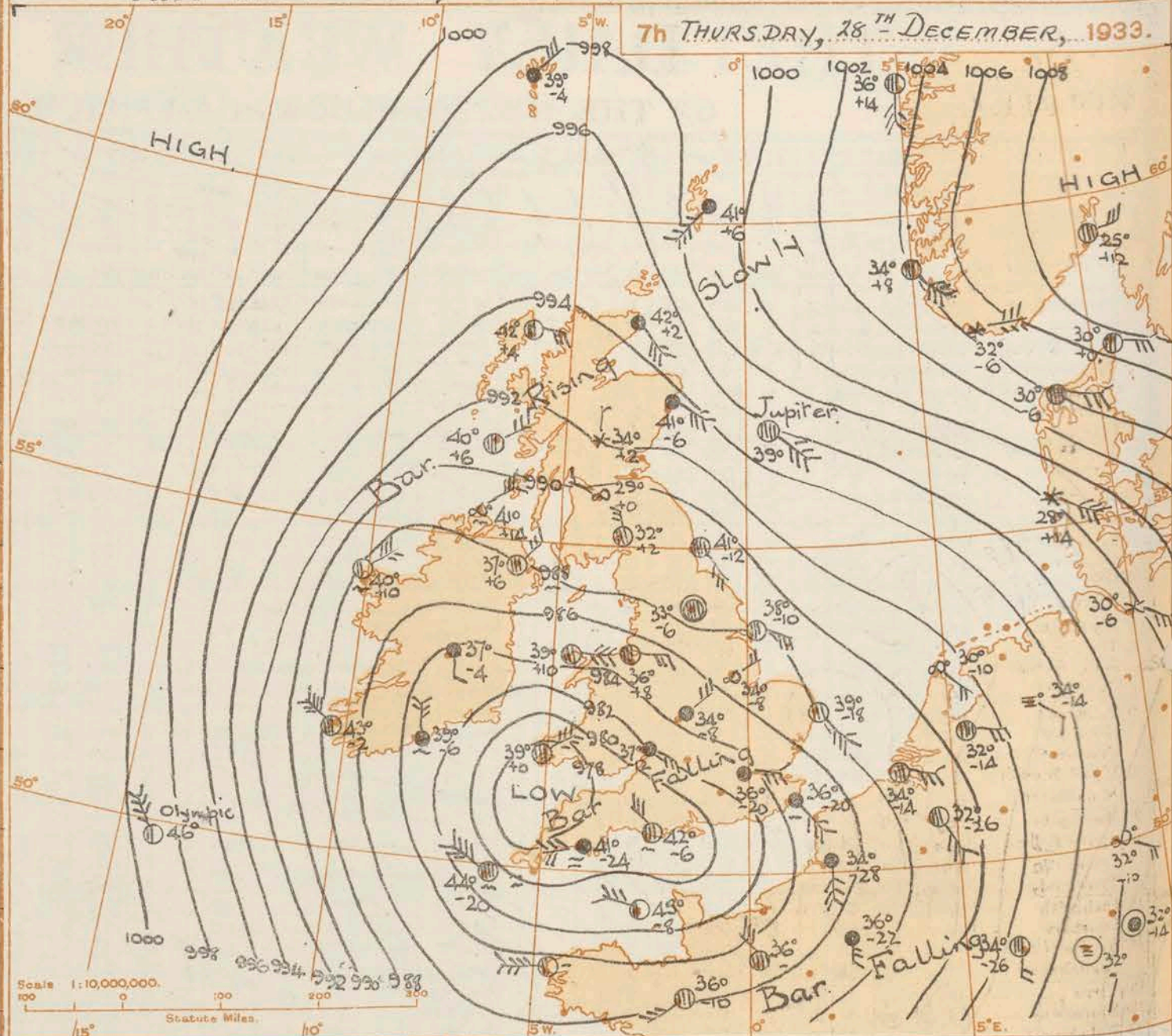
REPORTS from HEALTH RESORTS for 27th December 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 2.7h.	Max. 2.7h. to 9h.	Night. 17h. to 2.7h.	Day. 9h. to 17h.	
1	Tunbridge W.	om	om	35	36	0.3	-	0.0
	Bournemouth	bc	bc	36	40	0.3	-	1.0
	Ventnor	dom	ocor	35	40	trace	trace	0.1
	Southsea	om	ocmc	35	39	0.2	-	0.0
	Bognor Regis	cbe	co	36	38	-	-	0.0
	Littlehampton	c	c	36	37	0.1	-	0.0
	Worthing	oc	o	35	37	0.3	-	0.0
	Brighton	o	oc	37	38	0.1	-	0.3
	Eastbourne	bo	o	37	41	0.1	-	1.3
	Hastings	omc	co	37	40	0.3	-	0.5
	Folkestone	of	of	36	39	3	-	0.0
	Dover	mof	fmo	35	39	5	-	0.0
	Deal	oro	o	35	38	5	1	0.0
	Ramsgate	o	o	36	38	4	0.2	0.0
2	Margate	cd	c	36	38	5	0.3	0.0
	Southend	of	ofm	36	38	2	-	0.0
	Maldon	mo	o	36	39	0.3	-	0.0
	Clacton-on-Sea	ogmr	ogm	36	38	5	1	0.0
	Dovercourt	roc	roc	36	38	4	0.4	0.0
	Lowestoft	oir	c3c	37	39	7	5	0.0
	Skegness	ofm	omv	35	38	2	-	0.0
	Mablethorpe	om	omv	35	37	1	-	0.0
	Cleethorpe	feo	o3	34	37	4	trace	0.0
	Leamington S.	ome	o	35	39	-	-	0.0
3	Cheltenham	ofcbe	bcc	36	40	trace	-	1.6
	Bath	ebc	c	38	40	-	-	0.2
	Weymouth	mebc	c	36	43	0.1	-	1.8
	Jersey	ecbfc	c	38	44	0.1	-	1.7
	Torquay	ofw	cop	31	40	-	0.3	0.0
	Penzance	c	crror	35	47	0.4	4	0.0
	St. Ives	pr	r	38	46	-	6	0.0
	Bude	xc	crc	26	42	0.6	1	0.0
	Ilfracombe	bcc	com	38	42	-	-	0.8
	Aberystwyth	prbc	bcc	37	42	1	-	1.4
4	Llandudno	c	c	35	42	1	-	0.4
	Colwyn Bay	bcb	bcc	36	42	-	-	1.6
	Rhyl	bcc	ebc	35	42	0.3	-	1.4
	Wallasay	fbc	bccf	36	39	1	-	1.0
	Southport	fbc	co	36	39	2	0.2	0.0
	Blackpool	oro	c	36	40	1	-	0.5
	Morecambe	cdc	rbc	37	42	trace	0.3	1.0
	Ilkley	fc	cf	35	38	-	-	0.0
	Berwick-on-T.	oc	bc	35	42	4	-	0.8
	Dunbar	ebc	bc	31	43	3	-	2.6
12	Troon	repbcbcc	bc	38	43	trace	-	2.5
	Douglas	ebc	cidbc	34	43	1	trace	0.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th THURSDAY, 28th DECEMBER, 1933.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th December, 1933.

1. S.E. England	
2. E. England...	Winds mainly easterly, moderate or fresh; mainly dull, occasional rain or sleet, snow locally; rather cold.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Strong northwest to variable wind, probably becoming northeasterly; cloudy, showers of rain, hail or sleet, snow on high ground; rather cold.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Moderate or fresh easterly wind, strong locally; cloudy, local rain or sleet, snow on hills; rather cold.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A.W. Scotl. B.N.W. Scot- land	Moderate east or northeast wind; cloudy, bright intervals, local showers of rain or sleet, snow on hills; rather cold.
14. Mid-Scotland	
15. N.E. Scotland	Moderate or fresh easterly wind, strong locally; cloudy, occasional rain or sleet; rather cold.
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate northeasterly wind; cloudy, bright intervals, showers; rather cold.
18. N.E. Ireland	
19. S.E. Ireland	Moderate or fresh north to northeast wind; cloudy, bright intervals, showers; rather cold.
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 $\frac{1}{2}$ clouded. — Sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h to 7h, in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression centred near Pembroke is moving southeast or south and will soon begin to fill up. Weather will be rather cold generally with occasional rain or sleet in most districts and snow locally especially on high ground.

FURTHER OUTLOOK.

Rather unsettled and cold.

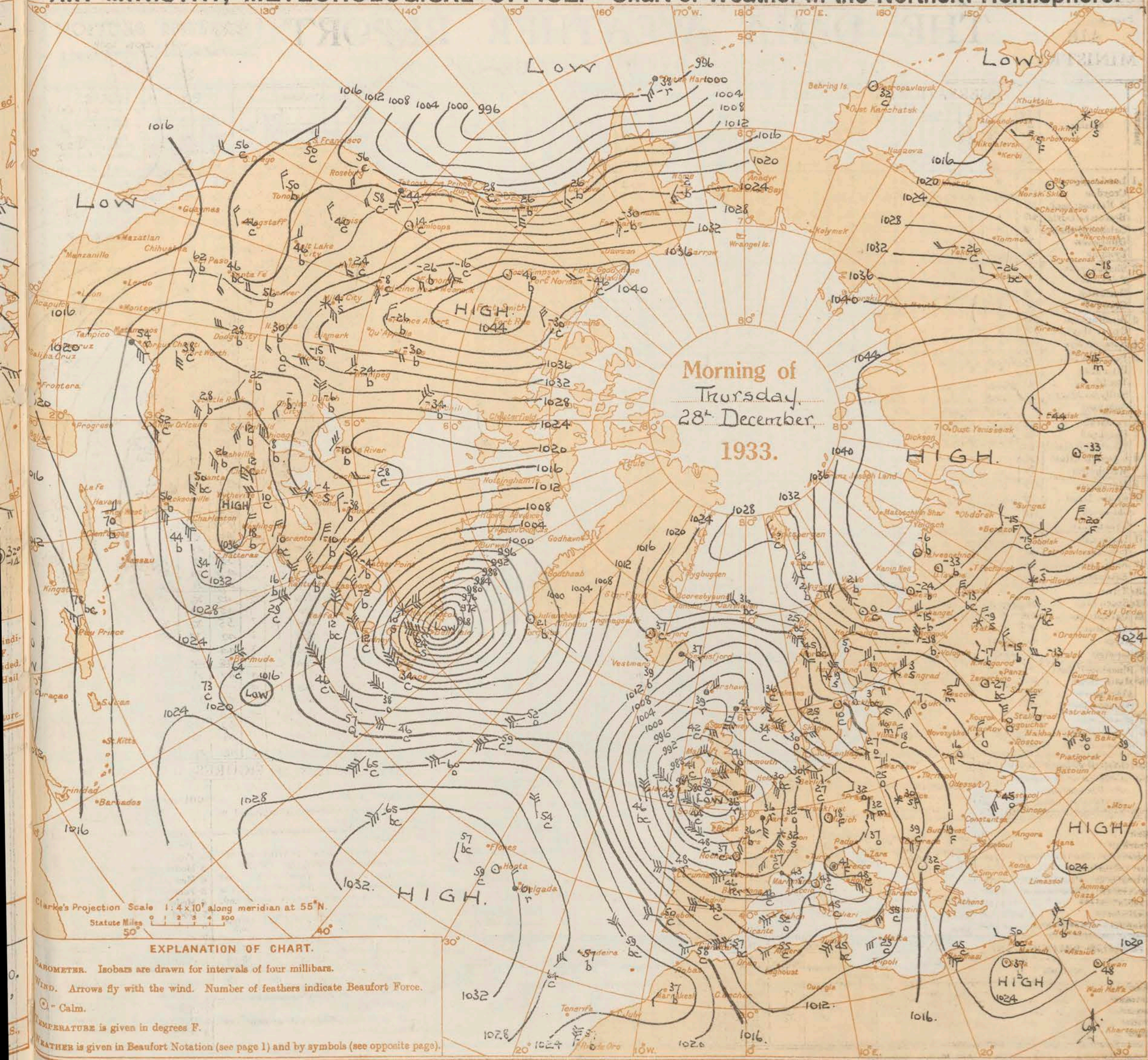
Time of issue of Gale Warnings.

† South Cone at 0240 on 27th in Districts 13, 17 and 20.
† South Cone at 1400 on 27th in Districts 5-8, 11, 12, 15, 16, 18 and 19.

Forecasts issued at 1015 G.M.T.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday, 28th December 1933.
No. 26334

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 28 th December.														OBSERVATIONS at 7 hr. G.M.T. 28 th December.														PAST 24 HOURS.										
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. of.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. of.	Humid. %	Visibility 0-9	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.								
					Direc.	Force.					Low.	Med.	High.			Low.	Total 0-10.					Direc.	Force.	Low.			Med.	High.	Low.	Total 0-10.	Height of Base (feet).		Max. Day 7h-18h of.	Min. Night 18h-7h of.	Min. on Grass of.	Day 7h-18h mm.	Night 18h-7h mm.			
																																						Form.	Amount.	Height of Base (feet).
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	983.3	-14	E	4	ir	37	95	5	6	2	-	7.8	10	800	1	*	38	34	29	-	1	0.0				
	Croydon ...	217	986.5	-43	ESE	4	r.r.	38	95	5	*	*	*	10	450	983.8	-20	E	4	r.r.	36	95	5	5	2	-	7.8	10	800	1	*	38	32	29	-	2	0.0			
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	982.2	-14	ENE	3	r.r.	35	95	6	5	-	-	10	10	800	1	*	38	34	30	Tr	3	0.0			
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	*	*	981.1	-10	E'S	3	r.r.	35	95	7	6	-	-	10	10	800	1	*	39	34	33	-	4	0.0			
	Calshot (S'thmtn) ...	8	*	*	*	*	*	*	*	*	*	*	*	*	*	980.5	-14	NE'E	4	ir	38	95	6	5	-	-	9+	9+	800	1	3	40	38	35	Tr	6	0.7			
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	SSE	6	rr	*	*	5	3	-	-	10	10	800	*	4	41	33	*	-	1	*			
	Lympne ...	346	990.4	-42	SE'S	4	C	37	85	7	5	2	-	2.3	10	800	984.6	-20	SE	5	r.r.	36	95	6	6	-	-	10	10	450	1	*	37	32	26	-	1	0.0		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	985.1	-28	E	5	ir	36	95	5	6	-	-	10	10	450	1	*	39	31	30	Tr	1	0.0			
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*	987.0	-20	ESE	5	C	38	85	7	7	1	-	7.8	9	1500	1	3	38	34	31	2	-	0.0			
	Gorleston ...	5	992.2	-20	SSW	2	m	35	95	4	5	-	-	10	10	800	988.5	-18	SE	5	C	39	85	6	5	-	-	9+	9+	1500	0	3	39	35	34	6	-	0.0		
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	*	*	987.4	-8	ENE	2	3a	34	95	5	5	-	-	10	10	1500	1	*	38	33	31	Tr	-	0.0			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	984.9	-8	ENE	3	r.r.	34	95	5	6	-	-	10	10	800	1	*	39	33	30	Tr	1	0.2			
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	*	*	983.6	-8	ESE	4	r.r.	34	95	7	6	-	-	10	10	800	1	*	38	33	31	0.1	2	*			
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	982.0	-12	E'S	3	ir	37	95	6	6	-	-	10	10	800	1	*	43	36	34	-	5	2.8			
5	Portland Bill ...	32	980.9	-28	SSE	6	rr	44	95	7	5	-	-	10	10	1500	979.8	-6	NW	3	C	42	95	7	5	-	-	7.8	7.8	2500	1	4	45	41	*	-	7	*		
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	*	*	978.9	-24	WSW	5	pr	41	85	7	9	-	-	9	9	800	1	5	46	41	39	2	12	0.4			
	The Lizard ...	240	983.6	-8	W	6	pr	45	75	8	8	6	-	7.8	7.8	1500	979.6	-20	WNW	7	PR	43	85	7	8	-	-	10	10	1500	1	5	46	42	*	7	6	*		
	Scilly (St. Mary's) ...	163	984.3	-6	NW	7	C/pr	45	75	7	9	-	-	7.8	7.8	1500	980.3	-20	NW	7	C/pr	44	75	7	9	-	-	10	10	1500	1	4	47	41	*	7	5	0.0		
	Guernsey ...	175	982.7	-44	WSW	2	C/r	43	95	8	8	-	-	9+	9+	1500	981.8	-8	WN	4	bc	45	75	8	8	-	-	4.6	4.6	1500	1	3	46	41	38	-	14	1.4		
6	Pembroke ...	142	976.6	-20	SSW	2	C/r	42	95	7	7	7	-	7.8	10	800	976.6	0	ENE	6	q	39	85	7	4	-	-	10	10	1500	1	3	46	34	*	1	0.0			
7	Holyhead ...	26	985.2	-28	E'N	5	C/r	39	85	6	6	7	8	4.6	10	2500	984.7	+10	E	6	C	39	85	6	5	-	-	10	10	2500	1	3	43	38	36	-	0.2	0.0		
	Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	985.5	-8	E	3	C/r	36	85	6	5	-	-	9+	9+	2500	1	*	41	34	29	-	Tr	1.1			
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	*	*	985.4	-2	E	5	ir	35	85	7	5	-	-	9	9	2500	0	*	37	34	33	0.2	Tr	0.7			
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	*	*	986.4	0	E'S	5	C	37	65	6	-	2	-	0	9+	-	0	*	41	34	29	Tr	-	*			
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	*	*	988.4	-6	-	0	0	33	95	5	5	-	-	10	10	2500	1	*	37	32	30	-	-	0.0			
10	Spurn Head ...	29	990.6	-12	SSE	3	C	36	95	6	5	2	-	4.6	9+	1500	987.7	-10	ESE	3	bc	38	85	7	-	-	0	4.6	-	0	2	38	34	*	-	-	0.0			
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	989.0	-8	NNE	1	0	34	95	5	5	-	-	10	10	1500	1	*	36	33	32	Tr	-	0.0			
	Tynemouth ...	100	990.8	-10	S	2	0	40	85	7	6	-	-	10	10	1500	988.9	-12	SE	3	0/r	41	85	7	6	-	-	10	10	1500	1	2	40	38	35	-	2	*		
11	Inchkeith ...	190	991.4	-18	E	2	C	39	95	7	5	3	-	4.6	10	1500	991.1	0	E	2	C	39	95	8	8	2	-	4.6	10	2500	0	1	41	37	31	-	Tr	0.0		
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	*	*	992.2	0	E	4	ir	41	75	7	5	2	-	9	10	1500	1	*	39	32	28	0.3	3	0.0			
12	Renfrew (Abbot's) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	991.6	0	W/N	1	3a	29	95	5	5	-	-	2.3	2.3	4000	1	*	43	29	23	-	-	0.9			
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	989.8	+2	NNE	3	C	32	95	7	5	-	-	9+	9+	1500	1	*	37	21	25	-	-	0.0			
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	991.0	+6	ENE	3	bc	40	85	7	5	-	-	2.3	2.3	2500	0	2	42	36	32	0.2	-	0.0			
13s	Stornoway ...	34	992.8	-8	E	2	C	40	85	7	4	1	-	4.6	7.8	2500	993.6	+4	E	3	C	42	85	7	8	7	-	4.6	7.8	1500	1	1	45	39	*	0.1	-	1.0		
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	992.7	+2	N	1	is	34	95	7	4	-	-	10	10	800	7	*	35	32	31	2	0.2				

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 29th December 1933.

No. 26,335

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 23rd December.													OBSERVATIONS at 18h. G.M.T. 23rd December.													PAST 24 HOURS.													
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.				State of Ground. 0-9	Sea. 0-9	WEATHER.													
				Dir.	Force.					Low.	Med.	High.	Dir.			Force.	Low.					Med.	High.	Low.	Med.			High.	7h.-15h. 22h.	15h.-18h. 23h.	18h. 22h. to 29h.	1h.-Th. 29h.									
																																	Form.	Amount.	Height of Base (feet)	Form.	Amount.	Height of Base (feet)	Form.	Amount.	Height of Base (feet)
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)							
1	London (Kew)...	984.2	+2	E	2	m	39	95	4	5	-	-	10	10	800	987.6	+2.6	E	2	cd	39	95	5	5	-	-	10	10	800	1	1	1	1	1							
	Croydon	983.9	+4	E	2	cd	39	95	5	6	-	-	9	10	450	987.2	+2.6	E	2	cd	37	95	5	5	-	-	10	10	450	1	1	1	1	1							
	S. Farnborough	982.8	+6	E	2	cd	38	95	4	5	-	-	10	10	450	986.0	+1.8	E	2	cd	37	95	5	5	-	-	9	9	800	1	1	1	1	1							
	Boscombe Down	982.0	+6	E	2	cd	37	95	5	6	-	-	10	10	450	986.3	+2.3	E	2	cd	37	95	5	5	-	-	9	9	1500	1	1	1	1	1							
	Calshot, S. Hamptn	981.2	+2	E	2	c	40	95	6	5	-	-	9	9	450	985.4	+2.3	E	2	cd	39	95	7	5	2	-	9	10	1500	1	1	1	1	1							
	Dungeness	981.2	+2	E	2	c	40	95	6	5	-	-	9	9	1500	985.4	+2.3	E	2	cd	39	95	7	5	2	-	9	10	1500	1	1	1	1	1							
	Lympne	984.5	-2	E	2	cd	37	95	6	6	-	-	10	10	450	987.7	+2.2	E	2	cd	37	95	6	6	2	-	9	10	800	1	1	1	1	1							
2	Shoeburyness	984.9	0	E	2	cd	38	95	6	6	-	-	10	10	800	988.0	+2.6	E	2	cd	38	95	6	6	-	-	10	10	800	1	1	1	1	1							
	Felixstowe	986.8	0	E	2	cd	38	95	5	6	-	-	10	10	800	988.6	+1.4	E	2	cd	38	95	6	6	-	-	10	10	800	1	1	1	1	1							
	Gorleston	988.0	-2	E	2	c	39	95	6	5	-	-	10	10	1500	990.4	+1.2	E	2	cd	40	95	6	6	-	-	10	10	1500	0	4	1	1	1							
	Oranwell	988.1	+2	E	2	c	37	95	6	5	2	-	7-8	10	1500	991.2	+2.2	E	2	cd	37	95	6	6	-	-	10	10	800	1	1	1	1	1							
3	Birmingham	985.8	+4	E	2	df	35	95	3	6	-	-	10	10	800	990.3	+3.0	E	2	cd	36	95	5	6	-	-	10	10	800	1	1	1	1	1							
	Upper Heyford	984.6	+6	E	2	rs	35	95	6	6	-	-	10	10	800	988.7	+2.0	E	2	cd	36	95	5	6	-	-	10	10	450	1	1	1	1	1							
4	Ross-on-Wye	984.2	+6	E	2	cd	36	95	6	6	-	-	10	10	800	989.0	+2.8	E	2	cd	37	95	5	6	-	-	10	10	800	1	1	1	1	1							
5	Portland Bill	979.9	-6	E	5	pr	41	95	7	5	-	-	10	10	1500	984.5	+2.8	E	5	pr	41	95	7	5	-	-	10	10	1500	1	4	1	1	1							
	Plymouth	976.8	-2	E	4	pr	43	95	8	9	-	-	9	9	800	983.6	+5.8	E	4	pr	39	95	8	5	-	-	4-6	4-6	800	1	3	1	1	1							
	The Lizard	975.1	-4	N	3	pr	43	95	7	9	-	-	10	10	1500	983.2	+5.0	E	5	bc	39	95	8	5	-	-	2-3	2-3	1500	1	3	1	1	1							
	Scilly (St. Mary's)	977.9	0	N	7	c/pr	43	95	6	9	-	-	9	9	1500	984.1	+4.4	E	6	c	43	75	6	9	-	-	9	9	1500	1	4	1	1	1							
	Guernsey	980.9	-8	S	3	c/pr	42	95	8	8	-	-	9	9	2500	982.3	+2.4	E	2	c	43	95	8	8	-	-	9	9	2500	1	3	1	1	1							
6	Pembroke	982.6	+3.2	E	3	q	40	75	7	4	4	-	4-6	7-8	2500	989.2	+4.0	E	3	3	38	95	6	5	-	-	9	9	2500	0	2	1	1	1							
7	Holyhead	989.2	+1.6	N	5	3	40	75	6	5	8	8	1	4-6	2500	994.2	+3.6	E	4	c/p	41	75	6	2	-	-	9	9	2500	1	2	1	1	1							
	Chester (Sealand)	988.1	+8	E	3	m	38	75	4	5	3	-	7-8	9	2500	992.7	+2.8	E	2	3	39	75	5	5	-	-	10	10	2500	1	1	1	1	1							
8	L'pool (Bidston)	988.3	+6	E	4	f	37	75	4	5	-	-	7-8	7-8	1500	992.9	+2.6	E	3	c/pr	36	95	5	5	1	-	9	10	1500	0	1	1	1	1							
	Manchester	989.0	+8	*	*	f	38	75	3	5	7	-	1	9	1500	992.1	+2.8	*	*	39	75	4	5	-	-	10	10	1500	0	1	1	1	1								
9	Harrogate	990.0	+6	E	1	c	36	95	5	5	-	-	7-8	7-8	4000	993.6	+2.0	E	1	c	35	95	5	5	2	-	9	10	2500	1	1	1	1	1							
10	Spurn Head	988.5	+2	E	5	c	40	95	7	5	2	-	4-6	7-8	2500	991.5	+1.2	E	4	c	40	95	7	5	2	-	2-3	10	2500	0	3	1	1	1							
	Catterick	990.2	+10	-	0	m	37	95	4	5	-	1	9	9	4000	994.0	+2.4	N	1	m	35	95	4	5	-	-	9	9	4000	1	1	1	1	1							
	Tynemouth	990.3	+4	E	3	c/pr	42	75	6	6	-	-	10	10	1500	992.0	+2.4	E	4	0	42	95	8	6	-	-	10	10	1500	1	3	1	1	1							
11	Inchkeith	993.0	+10	E	2	c/pr	39	95	8	8	2	-	7-8	10	1500	995.3	+1.6	E	4	cr	39	95	8	8	-	-	9	9	1500	1	3	1	1	1							
	Leuchars	994.8	+10	E	3	3	39	95	6	6	2	-	9	10	800	997.3	+1.8	E	3	c/pr	39	95	8	8	-	-	9	9	4000	6	1	1	1	1							
12	Ronfrew (Abbotts)	993.3	+6	E	3	c/p	39	95	6	8	3	-	7-8	7-8	2500	996.5	+1.8	E	3	3	39	95	6	5	-	-	9	9	4000	1	1	1	1	1							
	Eskdalemuir	991.7	+8	N	3	3	37	95	7	5	-	-	10	10	1500	995.2	+2.0	N	2	3	36	95	7	5	-	-	9	9	800	1	1	1	1	1							
13A	Tiree	984.8	+12	E	2	bc	42	95	8	5	6	-	4-6	4-6	2500	997.0	+1.2	E	3	c	42	95	7	5	-	-	9	9	2500	0	2	1	1	1							
13B	Stornoway	996.4	+10	E	4	c	42	95	9	4	2	-	2-3	10	2500	998.5	+6	E	2	c	42	75	8	8	7	-	2-3	7-8	1500	1	1	1	1	1							
15	Dalwhinnie	*	+8	N	2	c	36	95	8	4	4	-	4-6	10	800	998.3	+1.8	N	1	c	34	95	7	4	4	-	4-6	7-8	800	1	1	1	1	1							
	Aberdeen	995.9	+10	E	5	c/pr	41	75	7	9	7	-	7-8	7-8	1500	997.9	+1.0	E	5	c/pr	39	95	7	9	-	-	9	9	1500	1	3	1	1	1							
	Wick	997.7	+10	E	5	c	42	95	8	8	1	-	7-8	9	1500	999.8	+1.6	E	5	c	41	95	8	8	1	-	7-8	9	1500	1	4	1	1	1							
16	Lerwick	1000.8	+10	S	6	c/pr	39	75	7	8	7	-	7-8	9	1500	1003.2	+1.0	S	6	pr	39	75	7	8	1	-	7-8	9	1500	1	1	1	1	1							
17	Blacksod Point	994.4	+3.6	E	5	c	41	65	7	8	-	-	7-8	7-8	800	998.8	+2.8	E	4	bc	42	95	7	-	5	-	0	4-6	-	1	3	1	1	1							
18	Malin Head	993.4	+2.0	E	4	c	42	75	7	8	8	-	4-6	9	1500	996.3	+2.0	E	3	c	44	95	7	8	-	-	9	9	1500	1	4	1	1	1							
	Aldergrove	992.4	+1.0	N	1	3	37	95	7	5	-	5	1	2-3	4000	995.6	+1.8	E	2	pr	40	95	7	8	-	-	10	10	1500	1	1	1	1	1							
	Donaghadee	991.1	+1.0	E	4	c	42	75	7	5	-	-	9	9	1500	994.9	+2.0	E	4	c	43	75	7	5	-	-	7-8	7-8	1500	0	2	1	1	1							
19	Birr Castle	990.6	+2.8	E	2	c	37	95	8	5	-	2	4-6	7-8	2500	995.6	+3.6	E	2	c	36	95	8	5	-	-	9	9	2500	1	1	1	1	1							
20	Valentia Obay.	990.3	+2.8	E	4	c	40	95	8	6	7	-	7-8	7-8	1500	998.1	+4.2	E	4	c	41	75	7	5	-	-	7-8	7-8	1500	1	4	1	1	1							
	Roches Point	998.1	+1.8	E	4	c	40	95	8	3	-	-	9	9	1500	995.3	+4.0	E	3	bc	40	95	8	5	-	-	2-3	2-3	2500	0	4	1	1	1							

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. h, 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.
L, 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 Nimbus.
- 7 Fair weather Cu and St-Cu.
- 8 Large Cu (or Cu-Nb) and St-Cu.
- 9 Large Cu (or Cu-Nb) and Nb.

Note.—Nimbus—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 in visible).
- 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.	5 Covered with ice or glazed frost.
1 Wet.	6 Partly covered by snow or hail.
2 Flooded.	7 Covered with snow, less than 6 ins., but ground not frozen.
3 Covered with thawing snow.	8 Covered with snow, less than 6 ins., and ground frozen.
4 Frozen hard and dry.	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.

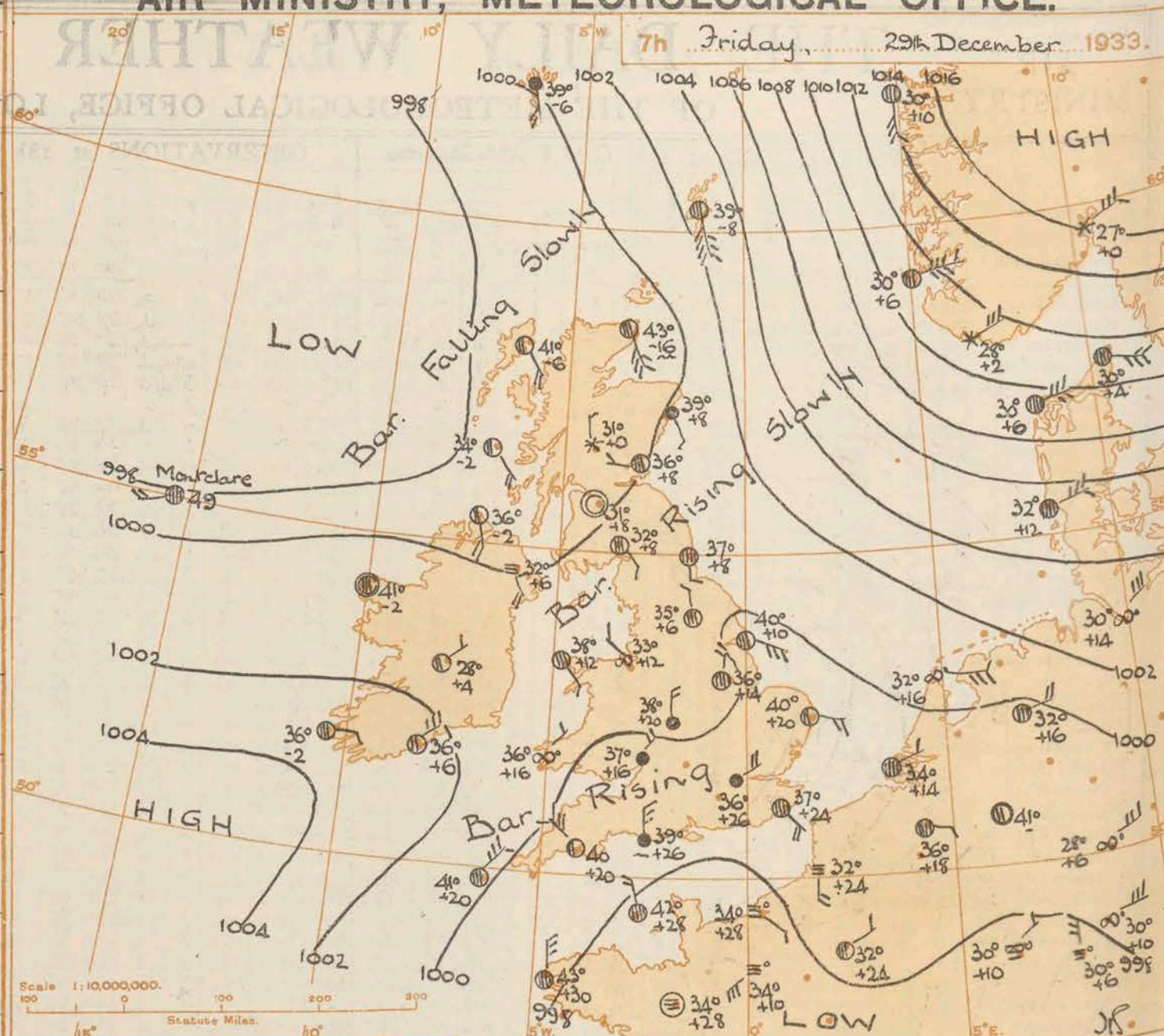
REPORTS from HEALTH RESORTS for Thursday 28th December 1933.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Friday, 29th December 1933.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	Sunrise to Sunset.
			9h. 27th. to 9h. 28th.	9h. 17th. to 9h. 28th.	17h. 27th. to 9h. 28th.	9h. 17th. to 9h. 28th.	
1 Tunbridge W.	od	od	30	38	5	1	0.0
Bournemouth	od	o	37.40	37.40	14	1	0.0
Ventnor ...	ormo	ozom	38	41	10	-	0.0
Southsea ...	orm	om	35	42	6	0.2	0.0
Bognor Regis	rr	rr	35	41	5	3	0.0
Littlehampton	crc	cor	35	41	6	2	0.0
Worthing ...	our	oir	35	41	5	1	0.1
Brighton ...	dc	co	36	41	5	0.2	0.0
Eastbourne	ogo	odrr	37	41	5	2	0.0
Hastings† ...	o	ad	36	40	2	trace	0.0
Folkestone ...	xrod	od	34	39	1	trace	0.0
Dover... ..	ado	o	36	40	2	trace	0.0
Deal	oid	eo	34	39	1	trace	0.0
Ramsgate ...	o	o	34	39	1	-	0.0
Margate ...	cd	c	34	39	1	trace	0.0
2 Southend ...	om	odm	34	37	1	trace	0.0
Maidon ...	oid	oid	34	38	0.4	0.1	0.0
Clacton-on-Sea	ogmr	ogmid	35	38	1	0.5	0.0
Dovercourt ...	roc	roc	35	38	0.3	trace	0.0
Lowestoft ...	c	cod	32	39	-	trace	0.0
Skegness ...	ogo	o	35	39	-	trace	0.0
Mablethorpe	omg	comg	35	40	-	-	0.0
Cleethorpes...	oc	o	32	40	trace	-	0.0
3 Leamington S.	od	ome	34	37	0.4	0.2	0.0
4 Cheltenham†	apis	arco	34	38	3	1	0.0
5 Bath	rre	rre	35	38	12	1	0.0
Weymouth ...	re	rear	38	41	11	3	0.0
Jersey	re	berge	40	44	19	0.1	0.7
Torquay	rrbc	eped	30	45	11	2	0.6
Penzance ...	rre	rre	35	45	23	1	0.0
St. Ives	pr	pr	39	46	8	0.2	0.0
Bude	bc	c	35	41	10	-	1.1
Ilfracombe ...	cod	o	38	42	12	0.2	0.0
6 Aberystwyth	co	c	38	40	0.3	-	0.0
7 Llandudno ...	c	c	36	40	0.4	-	0.0
Colwyn Bay...	o	o	35	39	-	-	0.0
Rhyl	gc	c	34	40	-	-	0.0
8 Wallasey ...	bc	c	35	39	-	-	0.0
Southport|| ...	bccc	co	32	37	-	-	0.8
Blackpool ...	cbc	bec	33	40	-	-	3.5
Morecambe ...	xcbcc	bec	33	42	-	-	2.1
9 Ilkley	cbcc	bec	32	38	-	-	0.0
10 Berwick-on-T.	or	ro	36	42	3	trace	0.0
11 Dunbar ...	cs	cp	35	42	2	1	0.0
12 Troon	bcbox	cbomc	29	40	-	-	0.0
Douglas	xcbc	cb	36	40	-	-	0.7

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th. Dec. 1933.
1. S.E. England	Light east or northeast to variable wind; mainly dull, local drizzle; rather cold.
2. E. England...	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light northeast wind, backing and freshening; cloudy, rain later; rather cold.
6. South Wales	
7. North Wales	Light variable wind, freshening later from south or southwest; cloudy, rain later with sleet or snow locally on hills; rather cold.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	Freshening southeast to east wind; fair at first; rain later with sleet or snow on hills; rather cold.
12. S.W. Scotland & Isle of Man	
13. { A.W. Scotl. B.N.W. Scot- land.	Moderate to strong southeast to east wind; cloudy, local wintry showers at first, rain later with sleet or snow on hills; rather cold.
14. Mid-Scotland	
15. N.E. Scotland	Strong southeast to east wind; cloudy, local showers at first, rain later; rather cold.
16. Orkneys and Shetlands.	
17. N.W. Ireland	Freshening southwest to west wind; cloudy, rain at times; rather cold.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

M.M. Stationary Office Press, Kingston, N.C.2.

PS 762/2670. Wt. 47. 6.6001. Gp. 908. 28526. 12/33.

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 1/4 clouded. — Sky 1/4 to 1/2 clouded. — Sky 1/2 to 3/4 clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail. — Fog. — Mist. T Thunder. T Thunderstorm. oo Slight haze.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high over North Russia and the Azores. A depression situated south of Iceland is likely to move southeast. Conditions will be rather cold and unsettled.

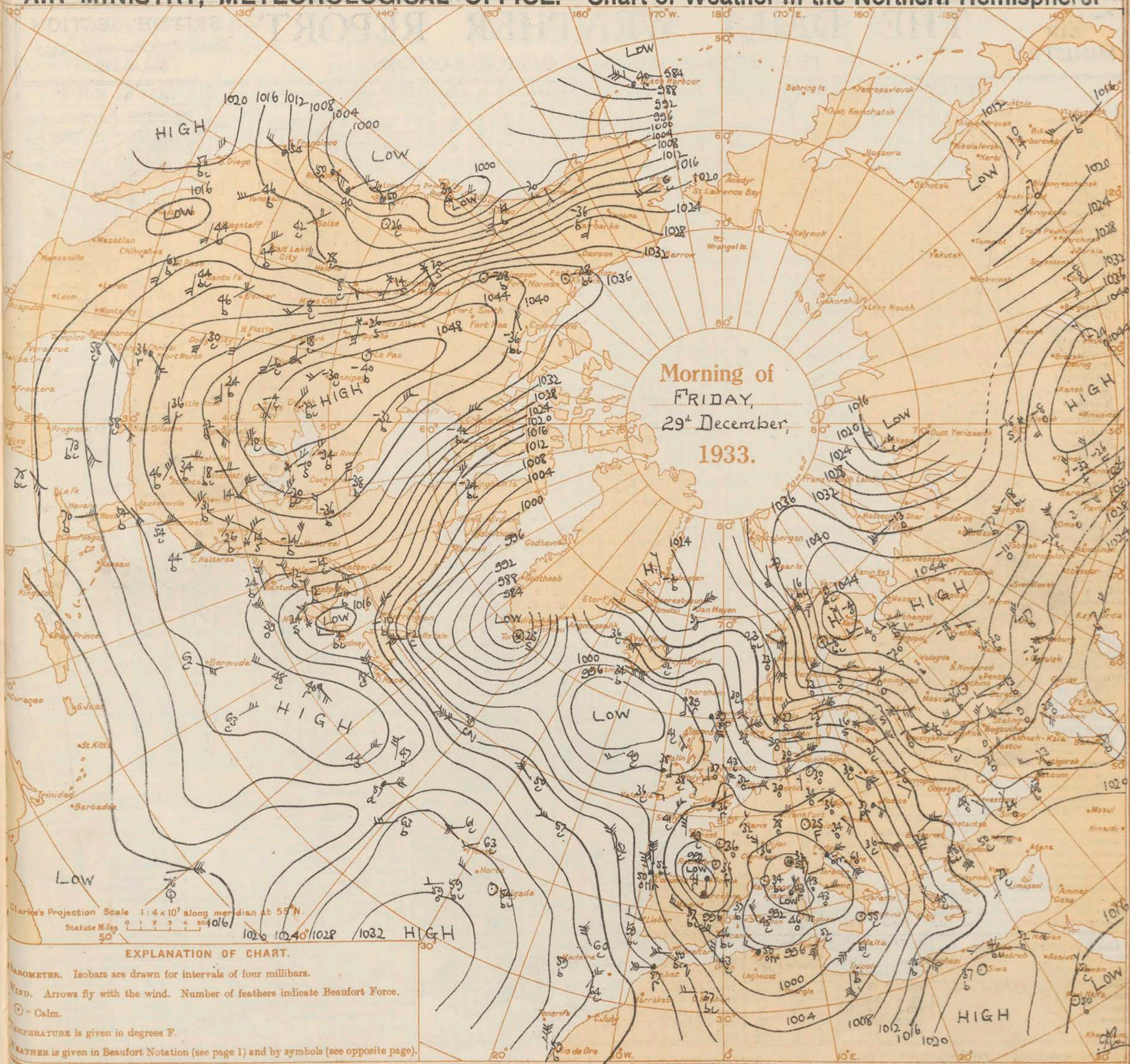
FURTHER OUTLOOK.

Unsettled and rather cold.

Forecasts issued at 1010 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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 29th December														OBSERVATIONS at 7 hr. G.M.T. 29th December														PAST 24 HOURS.																						
		Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. of.	Humid. %	Visibility 0-9	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. of.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 22th Hrs.																				
					Direc.	Force.					Low.	Med.	High.			Low.	Med.					High.	Low.	Med.			High.	Low.	Med.	High.	Min. on Grass of.		Day 7h-18h of.	Night 18h-7h of.	Min. on Grass of.	Day 7h-18h of.	Night 18h-7h of.															
																																						Form.	Amount.		Form.	Amount.		Form.	Amount.		Form.	Amount.		Form.	Amount.	
																																							0-10	10-10		0-10	10-10		0-10	10-10		0-10	10-10		0-10	10-10
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	998.7	+20	E'S	2	c	39	85	5	5	-	-	10	10	1500	1	*	39	38	37	Tr.	0.1	0.0																		
	Croydon	217	993.6	+22	NE	2	id.	36	95	5	5	-	-	10	10	800	998.6	+26	ENE	2	ir.	36	95	5	5	-	-	10	10	1500	1	*	39	36	35	0.3	0.6	0.0														
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	999.3	+26	NE'N	2	id.	37	95	4	5	-	-	10	10	800	1	*	38	36	35	1	0.4	0.0																		
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	997.9	+22	NNE	2	o	37	95	6	5	-	-	10	10	800	1	*	38	36	36	1	0.1	0.0																		
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	997.6	+22	N	3	c	38	95	7	5	7	-	7-8	10	1500	1	3	40	37	35	0.2	-	0.0																		
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	SE	2	c	*	*	6	4	-	*	9+	9+	2500	*	2	41	36	*	Tr.	1	*																		
	Lympne	346	993.3	+18	SE	2	dod.	38	95	5	6	-	-	10	10	450	999.0	+24	SE'E	2	o/d	37	95	5	5	-	-	10	10	800	1	*	38	35	35	0.3	1	0.0														
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	998.7	+24	ESE	2	c	38	95	6	5	-	-	9+	9+	1500	1	*	38	37	35	0.3	0.6	0.0																		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	999.1	+20	E'S	2	3	39	95	6	5	-	-	9+	9+	2500	1	2	38	37	37	1	0.1	0.0																		
	Gorleston	5	995.3	+20	E'S	3	dod.	40	95	6	6	-	-	10	10	1500	999.7	+20	E	2	bc	40	95	6	4	-	-	4-6	4-6	2500	1	3	40	39	38	Tr.	0.1	0.0														
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1000.3	+14	NNE	2	o/d	36	95	6	5	-	-	10	10	1500	1	*	39	35	34	0.3	0.1	0.0																		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1000.8	+20	N	2	r.s.	35	95	5	6	-	-	10	10	800	1	*	38	35	34	0.5	2	0.0																		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	999.8	+28	E	2	r.s.	37	95	5	6	-	-	10	10	450	1	*	36	35	35	1	Tr.	0.0																		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	999.7	+16	NNE	2	r.s.	37	95	5	5	-	-	10	10	800	1	*	37	37	36	3	1	0.0																		
5	Portland Bill	32	992.8	+40	NNE	4	dod.	39	95	6	5	-	-	10	10	1500	998.2	+26	N	3	pr.	39	95	7	5	-	-	10	10	1500	1	4	44	38	*	6	0.2	*														
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	999.3	+20	NW	4	c	40	85	7	5	-	-	10	10	800	1	2	44	38	36	0.6	-	0.7																		
	The Lizard	240	995.0	+36	NNE	3	c	39	85	7	4	-	-	10	10	2500	999.4	+20	NNW	2	o	40	95	7	5	-	-	10	10	1500	1	3	45	37	*	3	-	*														
	Scilly (St. Mary's)	163	995.8	+32	NE	6	c	44	75	6	8	-	-	7-8	7-8	2500	1000.9	+20	N'E	4	c/pr	41	95	6	8	-	-	9	9	2500	1	3	45	40	*	6	0.6	0.0														
	Guernsey	175	991.7	+40	-	o	c	41	95	7	8	2	-	7-8	10	2500	997.0	+28	N	2	o	42	85	7	5	-	-	10	10	2500	2	2	45	41	35	3	4	1.2														
6	Pembroke	142	996.4	+20	NE	2	3	40	75	6	5	-	-	3+	3+	2500	1000.1	+16	NE	1	3	36	85	6	5	-	-	4-6	4-6	2500	0	2	45	35	*	-	-	0.0														
7	Holyhead	26	998.9	+20	NEE	3	b	41	85	6	5	-	-	Tr.	Tr.	4000	1001.8	+12	SE'S	1	c	38	85	7	5	-	-	10	10	4000	1	0	41	38	33	-	-	2.0														
8	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	1000.8	+12	NW	1	3	33	95	5	5	-	-	10	10	4000	1	*	39	33	29	Tr.	-	-	0.2																	
8	L'pool (Bidston)	188	*	*	*	*	*	*	*	*	*	*	1001.1	+12	-	o	c	35	85	6	5	-	-	10	10	1500	0	*	38	35	32	Tr.	-	-	0.0																	
	Manchester	70	*	*	*	*	*	*	*	*	*	*	1000.4	+16	ENE	3	3	35	95	5	5	-	-	10	10	1500	0	*	39	33	29	Tr.	-	-	*																	
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	1000.6	+6	N	1	c	35	95	5	5	-	-	10	10	2500	1	*	36	32	26	-	-	-	0.5																	
10	Spurn Head	29	996.3	+10	E	3	c	40	95	7	5	3	-	4-6	7-8	2500	999.5	+10	ESE	3	c	40	95	7	-	2	-	0	10	-	0	2	40	38	*	-	-	0.0														
	Catterick	175	*	*	*	*	*	*	*	*	*	*	1000.6	+14	-	o	c	34	95	6	5	-	-	10	10	2500	1	*	37	33	28	0.4	-	-	0.3																	
	Tynemouth	100	997.8	+14	-	o	o	33	95	6	6	-	-	10	10	1500	1000.1	+8	S	1	o	37	85	5	6	-	-	10	10	1500	1	3	43	37	32	0.4	1	*														
11	Inchkeith	190	998.4	+14	NW	2	c	37	95	8	8	2	-	7-8	10	2500	1000.6	+10	SW	2	c	38	85	7	5	-	-	9+	9+	1500	0	2	41	37	33	3	0.3	0.0														
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	1000.7	+8	W	1	c	36	95	7	5	7	-	7-8	9+	4000	1	*	40	35	32	3	2	0.0																		
12	Renfrew (Abbotts L)	18	*	*	*	*	*	*	*	*	*	*	1000.4	+6	-	o	c	31	95	6	-	3	-	0	9	-	1	*	40	31	27	Tr.	Tr.	0.0																		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	1000.8	+8	SSE	1	c	32	95	7	5	-	-	9+	9+	1500	1	*	37	32	29	0.4	Tr.	0.0																		
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	998.2	-2	SSE	2	bc	34	95	8	5	6	-	2-3	2-3	2500	1	1	42	31	20	-	-	-	0.0																	
13b	Stornoway	34	992.5	o	SSE	2	bc	41	75	8	1	7	-	2-3	2-3	4000	998.2	-6	SE	2	bc	41	75	8	8	7	-	2-3	4-6	2500	1	1	43	40	*	Tr.	-	0.0														
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	999.3	o	N	1	is.	31	95	7	4	2	-	4-6	7-8	800	6	*	36	30	29	1	1	1	0.0																	
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	1000.4	+8	SE	1																																				

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 29th December.													OBSERVATIONS at 18h. G.M.T. 29th December.													PAST 24 HOURS.												
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force 0-12	Weather.	Temp. of.	Humid. %	Visibility	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. Force 0-12	Weather.	Temp. of.	Humid. %	Visibility	Cloud.						State of Ground. 0-9	Sea. 0-9	WEATHER.										
									Form.			Amount.		Height of Base (feet)								Form.			Amount.		Height of Base (feet)			7h.-15h. 29th.	15h.-18h. 29th.	18h. 29th to 1h. 30th.	1h.-7h. 30th.							
									Low.	Med.	High.	Low.	Total 0-10									Low.	Med.	High.	Low.	Total 0-10								Height of Base (feet)						
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1	London (Kew)...	1002.1	+10	S	2	c	42	85	5	-	-	9	9	1500	1005.2	+18	SW	1	m	39	85	4	5	-	-	10	10	1500	1	*	cm, c3	c3, cm	cm	ofw						
	Croydon	1002.4	+8	SW	2	30	39	85	5	-	-	9	9	1500	1005.4	+22	SE	2	30	35	85	5	5	7	-	-	40	9	1500	1	*	cm, c3, cm	cm, cm	cm	cm, bc					
	S. Farnborough	1001.9	+8	ESE	2	c	40	85	6	-	-	10	10	1500	1005.2	+30	SW/S	1	0	38	85	6	5	-	-	10	10	1500	1	*	cd, cm, cm	cm, mo	cm, cm	cm						
	Boscombe Down	1001.9	+14	NE/N	2	o/d	38	95	5	-	-	10	10	800	1005.2	+28	-	0	m	38	85	4	5	-	-	10	10	450	1	0	cd, cm	cm	om, bc	bc, of, c						
	Calshot, S'thamtn	1001.6	+10	NE/E	3	c/d	40	85	5	6	2	-	7-8	10	800	1004.6	+22	-	0	o/d	38	85	5	5	-	-	10	10	800	1	0	cd, cm, cd	cd, cm	oid, m, f	off, cd, bc					
	Dungeness	1001.6	+10	NE/E	3	c/d	40	85	5	6	2	-	7-8	10	800	1004.6	+22	-	0	o/d	38	85	5	5	-	-	10	10	800	1	0	cd, cm, cd	cd, cm	oid, m, f	off, cd, bc					
	Lymington	1002.5	+6	SW	1	c	36	85	5	-	-	10	10	1500	1005.5	+14	NW	1	c	35	85	5	5	4	2	-	-	40	10	1500	1	0	cd, cm	cm, FF	off, cm, bc	off, cm, bc				
2	Shoeburyness	1002.1	+6	SSW	1	o/f	37	85	3	-	-	10	10	1500	1004.9	+18	WSW	2	cf	35	85	3	-	3	-	-	0	9	-	1	*	fff	fff	cf, bc, m, x	x, f, f, e					
	Felixstowe	1002.3	+2	E/S	1	c	41	85	6	-	-	9	9	4000	1005.0	+20	-	0	m	39	85	4	5	-	-	9	9	4000	1	0	cm	cm, cm	cm, cf	Fe						
	Gorleston	1002.8	+6	ESE	2	c	41	85	6	-	-	10	10	2500	1004.6	+20	-	0	c	40	85	5	5	-	-	10	10	2500	0	2	bc, cm	c3, c3	c3, c3	c3, c3						
	Cranwell	1003.0	+2	-	0	o/f	38	85	3	-	-	10	10	800	1005.5	+20	-	0	m	35	85	1	5	-	-	10	10	800	1	0	cd, f	cd, f	cd, f	cd, f						
3	Birmingham	1003.3	+6	-	0	o/f	37	85	3	-	-	10	10	800	1005.8	+16	SSW	1	o/f	37	85	3	5	-	-	10	10	800	1	*	cd, o	cd, o	cd, o	cd, o						
	Upper Heyford	1002.6	+10	NNE	1	30	38	85	5	6	-	10	10	1500	1005.8	+22	NW	1	m	37	85	4	5	-	-	10	10	450	1	*	cd, cm	cd, cm	cd, cm	cd, cm						
4	Ross-on-Wye	1002.9	+4	NNE	2	m	38	85	4	-	-	9	9	4000	1005.4	+20	ESE	1	bf	34	85	3	-	-	9	0	1	-	1	*	cd, cm	cd, cm	cd, cm	cd, cm						
5	Portland Bill	1001.4	+20	N	3	c	40	85	7	-	-	10	10	1500	1004.8	+30	N	3	0	40	85	6	5	-	-	10	10	1500	1	3	pro	o	bc, c3	c3						
	Plymouth	1002.5	+4	NW	4	30	42	75	6	-	-	4-6	4-6	1500	1005.6	+28	-	0	bc/f	38	85	4	-	3	1	0	4-6	-	1	0	cm, bc	bc, cm	bc, cm	cm, pr, pr						
	The Lizard	1003.1	0	N	2	bc	45	75	7	8	4	-	4-6	4-6	2500	1005.3	+4	NNW	2	c	40	85	8	8	-	4-6	9	2500	1	2	abc	bc	c	cp, bc						
	Scilly (St. Mary's)	1003.9	0	NNW	4	c	45	75	7	8	3	4-6	9	2500	1005.5	+16	NNW	3	c	45	75	7	8	3	-	4-6	7-8	2500	1	3	cp, c	c	c	cp, bc						
	Guernsey	1001.4	+12	NNW	1	c	43	85	6	-	-	9	9	2500	1005.4	+28	NNW	1	0	43	75	7	5	-	-	10	10	2500	0	2	oc	oc	oc	bcw						
6	Pembroke	1003.8	+10	NNE	1	bc	42	85	6	-	-	2-3	2-3	2500	1003.9	+8	-	0	c	42	85	7	5	-	-	9	9	2500	0	1	bc, bc	bc, bc	bc, bc	cd, pr						
7	Holyhead	1003.7	+2	-	0	c/r	40	85	6	5	3	8	7-8	9	1500	1004.4	+6	S	3	c	42	85	6	5	-	-	9	9	2500	1	1	cm, bc	cm	cm	cd, m, bc					
	Chester (Sealand)	1003.0	-2	S	1	m	41	85	4	-	-	6	2-3	7-8	5700	1004.6	+12	SE/S	2	cf	31	85	2	-	7	8	0	9	-	1	*	cm, bc	cm, bc	cd, bc	cd, bc					
8	L'pool (Bidston)	1003.1	+2	-	0	30	37	85	5	4	4	1	4-6	1500	1004.5	+12	SSE	2	c	36	85	6	5	3	-	2-3	7-8	1500	0	*	cd, cm	cd, cm	cd, cm	cd, cm						
	Manchester	1002.8	+2	-	0	cf	35	85	2	-	-	9	9	5700	1004.4	+8	-	0	cf	33	85	3	-	1	-	0	10	-	1	*	f	bc, f	bc, f	bc, f						
9	Harrogate	1002.5	+6	SW	1	c	40	85	6	-	-	3	8	0	7-8	-	1004.5	+10	S	1	m	34	85	4	5	-	-	2-3	2-3	2500	1	*	c	bc, m	bc, m	cd, o				
10	Spurn Head	1002.4	+4	SE/E	2	df	40	85	3	5	7	-	7-8	9	2200	1004.2	+10	-	0	c	40	85	6	5	2	-	4-6	9	1500	0	1	of, d	f, d	ff	ff					
	Catterick	1003.0	+6	-	0	c	37	85	5	5	3	1	9	9	7200	1004.4	+10	S/E	1	c	33	85	5	-	-	7	0	10	-	1	*	cm, d, cm	cm, d, cm	cd, bc	cd, bc					
	Tynemouth	1001.7	+6	NNW	1	o/f	40	85	3	-	-	10	10	1500	1003.3	+12	SW	2	o/f	38	85	3	5	-	-	10	10	1500	1	2	cd, f	cd, f	cd, f	cd, f						
11	Inchkeith	1001.9	-6	SSW	1	30	43	85	5	-	-	9	9	1500	1002.2	-2	S	2	bc	38	85	6	5	-	-	4-6	4-6	1500	0	1	c3	30, bc	c	cp, c						
	Leuchars	1002.0	-4	NW	1	c	37	85	6	5	9	-	4-6	9	4000	1002.6	+2	SSW	1	bc	33	85	6	5	8	8	4-6	5700	1	*	cm, cm	cd, cm	cd, cm	cd, cm						
12	Renfrew (Abbott)	1001.1	-2	-	0	cf	33	85	3	-	-	0	7-8	-	1001.1	0	ESE	1	c	37	85	6	-	2	-	0	10	-	0	*	cd, f	cd, f	cd, f	cd, f						
	Eskdalemuir	1001.9	-2	-	0	bc	35	85	7	-	-	6	2-3	4-6	2500	1002.9	+4	-	0	c	33	85	6	5	-	-	9	9	800	1	*	cd	cd	cd	cd					
13a	Tiree	999.7	-10	SSW	5	cf	41	85	7	6	2	-	7-8	9	1500	999.8	-6	SSW	4	rr	42	85	8	6	2	-	7-8	10	1500	1	3	bc, rr	cd, rr	cd, rr	cd, rr					
13b	Stornoway	999.8	-10	S	4	c	43	75	8	8	7	-	7-8	9	2500	999.5	-6	S	3	c	42	85	8	8	7	-	7-8	9	1500	1	2	bc, rr	cd, rr	cd, rr	cd, rr					
15	Dalwhinnie	999.6	0	S	4	bc	34	75	8	4	2	-	7-8	9	2000	1000.3	-2	SE	4	c	35	85	8	4	1	-	4-6	10	2500	6	*	bc	c	c	bc					
	Aberdeen	1001.1	+2	SW	2	c	39	85	6	6	7	-	2-3	9	1500	1001.2	+2	S	2	c	38	85	5	-	7	6	0	7-8	-	1	3	cd, c	cd, c	cd, c	cd, c					
	Wick	999.4	-4	S	6	df	42	85	7	9	2	-	7-8	10	1500	999.3	-2	SSW	5	c	41	85	8	8	1	-	4-6	7-8	1500	1	4	cd, c	cd, c	cd, c	cd, c					
16	Lerwick	1002.9	-6	SSE	7	cd, bc	39	85	7	8	-	-	9	9	1500																									

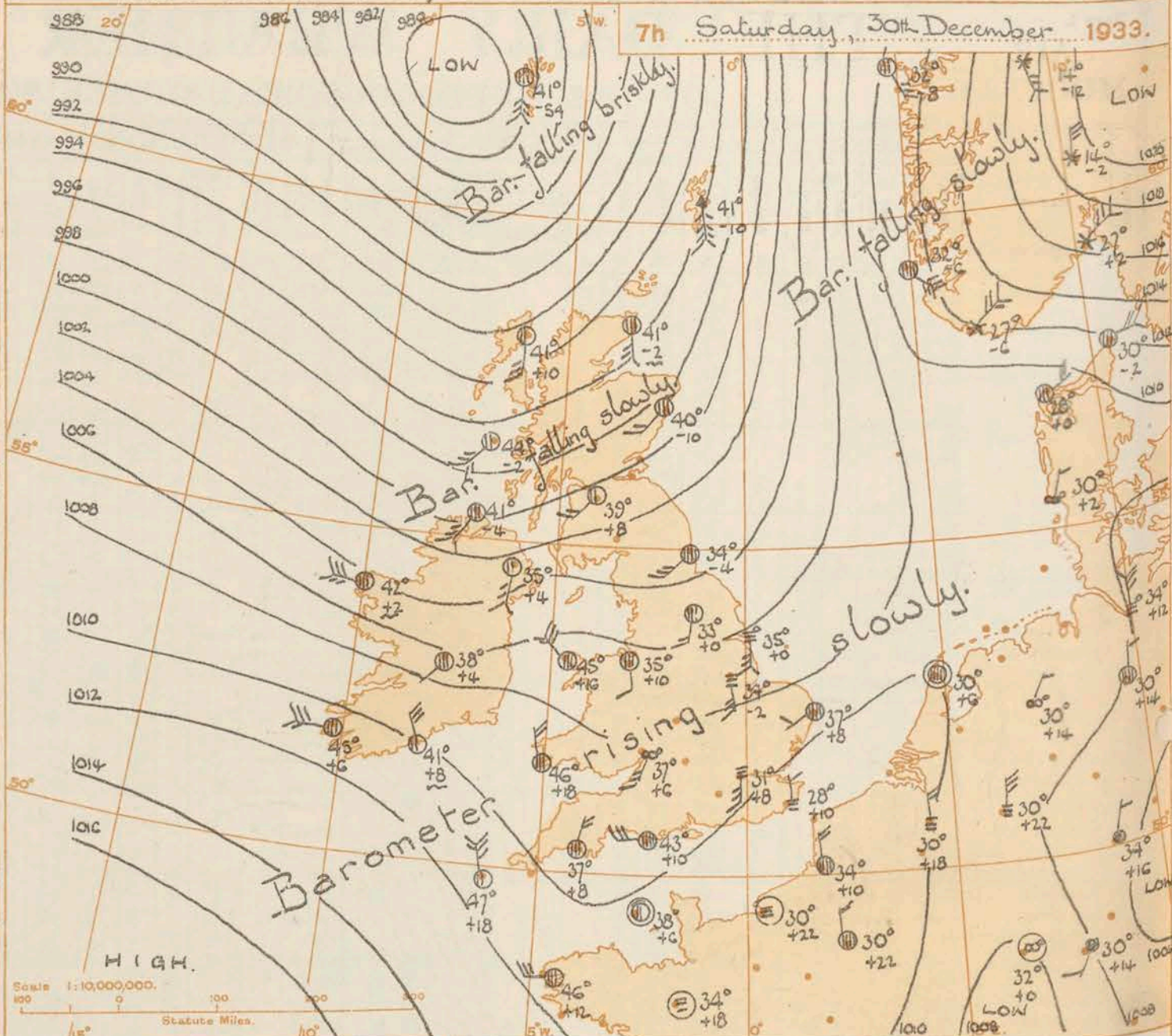
REPORTS from HEALTH RESORTS for Friday, 29th December, 1933.

DISTRICTS.	STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 29h.	Max. 9h. to 29h.	Night. 17h. to 29h.	Day. 9h. to 29h.	
1	Tunbridge W.	o	o	34	38	5	-	0.0
	Bournemouth	co	om	37	40	-	-	1.0
	Ventnor	powor	rou	37	41	0.3	1	0.0
	Southsea	o+d	o+d	37	41	0.4	0.4	0.0
	Bognor Regis	o	o	36	40	6	-	1.9
	Littlehampton	cdcc	c	36	40	12	-	2.1
	Worthing	o	o	36	40	6	-	1.4
	Brighton	o	o	36	40	6	Trace	1.2
	Eastbourne	o	o	36	40	15	-	0.0
	Hastings	o	o	37	40	8	-	0.0
	Folkestone	om	om	36	38	1	-	0.0
	Dover	c	co	37	38	2	-	0.2
2	Deal	o	o	32	38	-	-	0.0
	Ramsgate	bcf	befm	36	41	0.3	Trace	1.9
	Margate	cf	fc	34	38	Trace	-	0.4
	Southend	of	ofcm	36	37	2	-	0.0
	Maldon	o	o	36	41	Trace	-	0.0
	Clacton-on-Sea	c	cbcm	36	42	-	-	1.2
	Dovercourt	robc	oc	37	41	Trace	-	0.0
	Lowestoft	c	c	38	41	0.5	-	0.0
	Skegness	om	om	38	40	Trace	-	0.0
	Mablethorpe	omgc	com	39	40	-	-	0.0
	Cleethorpes	fom	o	36	40	-	-	0.0
	Leamington S.	o	om	35	40	1	-	0.0
3	Cheltenham	cm	ocmf	36	38	0.5	-	0.0
	Bath	c	c	36	41	Trace	-	0.0
	Weymouth	mc	c	38	41	0.2	-	0.0
	Jersey	pcpc	c	39	43	1	0.3	0.2
	Torquay	poem	bcbm	39	42	Trace	-	1.2
	Penzance	cbcb	c	41	47	Trace	-	1.9
	St. Ives	c	o	41	46	-	-	0.4
	Bude	cbc	bc	32	42	-	-	3.1
	Ilfracombe	cbc	bcc	38	42	-	-	1.2
	Aberystwyth	xzbc	bcc	32	43	-	-	5.1
	Llandudno	c	c	34	41	0.1	-	0.2
	Colwyn Bay	oco	bcc	33	39	0.3	-	0.8
4	Rhyl	xbc	cbe	30	38	Trace	-	2.0
	Wallasey	febc	befo	32	39	-	-	0.1
	Southport	oco	oco	32	37	-	-	0.0
	Blackpool	oc	cm	31	37	-	-	0.0
	Morecambe	cmcc	cmcc	32	38	-	-	0.0
	Ilkley	c	c	31	38	-	-	0.0
	Berwick-on-T.	o	o	35	39	0.2	-	0.0
	Dunbar	rbc	be	35	41	4	-	0.2
	Troon	bobx	beem	32	42	-	-	1.0
	Douglas	xebc	oircb	34	42	-	1	0.7

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th Saturday, 30th December, 1933.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th Dec. 1933.
1. S.E. England	Light to moderate southwest to west wind; cloudy, occasional slight rain or showers locally, bright intervals later; rather cold, becoming slowly milder.
2. E. England...	
3. E. Midlands	
4. W. Midlands	Light or moderate westerly wind; cloudy, bright intervals; local showers; moderate temperature.
5. S.W. England	
6. South Wales	Moderate northwest or west wind, fresh locally; showers and bright intervals; moderate temperature.
7. North Wales	
8. N.W. England	Moderate westerly wind, fresh locally; occasional rain or showers, bright intervals; moderate temperature.
9. N. Midlands	
10. N.E. England	Moderate southwest wind; cloudy, occasional rain or showers, bright intervals; becoming milder.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. { A. W. Scotl. B. N.W. Scot- land	Moderate or fresh southwest or west wind, strong locally; occasional rain or showers, bright intervals; moderate temperature.
14. Mid-Scotland	
15. N.E. Scotland	Moderate or fresh southwesterly wind; cloudy, occasional rain or showers; moderate temperature.
16. Orkneys and Shetlands	Wind south to southwest, strong to gale; cloudy, occasional rain or showers; moderate temperature.
17. N.W. Ireland	
18. N.E. Ireland	Moderate or fresh westerly wind, strong locally; showers and bright intervals; moderate temperature.
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 1/8 clouded. ○ Sky 1/8 to 1/4 clouded. ○ Sky 1/4 to 1/2 clouded. ○ Overcast sky. ● Rain falling. * Snow. * Sleet. * Hail. ☼ Fog. ☼ Mist. T Thunder. T Thunderstorm. ☼ Slight haze.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression centred near the Faeroes is moving east and a shallow trough of low pressure is crossing England. Weather will be unsettled with occasional rain or showers in most districts. Conditions will become milder than of late.

FURTHER OUTLOOK.

Rather unsettled but bright intervals.

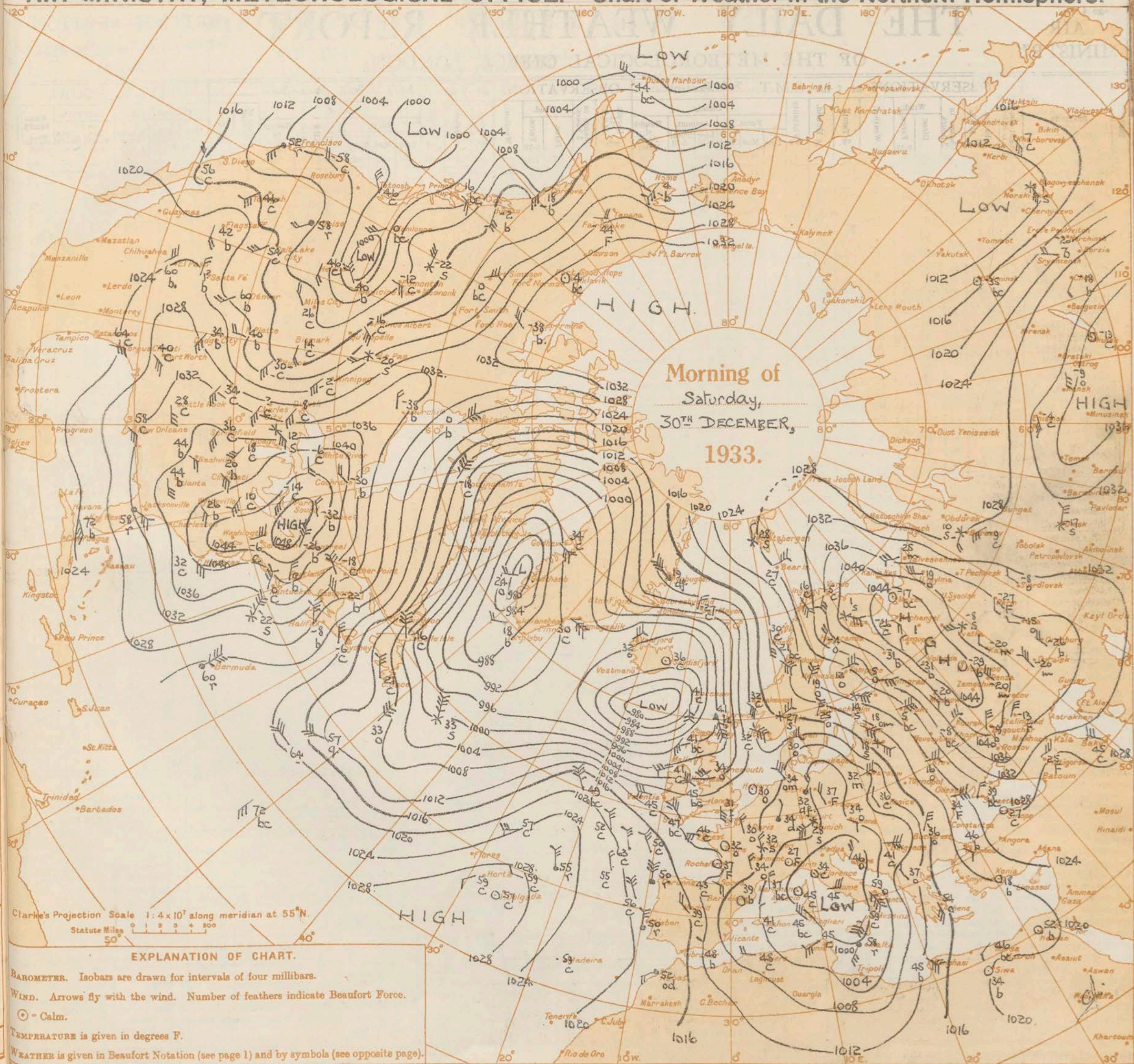
Time of Issue of Gale Warnings.

▼ South Cone at 1405 on 29th. in District 16.

Forecasts issued at 1005 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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 30th December 1933.

No. 36,336.

District.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 30th December														OBSERVATIONS at 7 hr. G.M.T. 30th December														PAST 24 HOURS.									
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind. Direc.	Force.	Weather.	Temp. of air.	Humid. %	Visibility 0-9	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind. Direc.	Force.	Weather.	Temp. of air.	Humid. %	Visibility 0-9	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.			
											Form.	Amount.	Height of Base (feet).	Form.	Amount.									Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Form.			Amount.	Height of Base (feet).	Max. Day 7h-18h of (31).	Min. Night 18h-7h of (32).	Min. on Grass of (33).		Day 7h-18h mm. (34).	Night 18h-7h mm. (35).	
																																							Low.
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	+8	SW	1	F	35	95	1	-	-	-	-	-	-	-	-	-	-	-	-	0.0			
	Croydon	217	1008.1	+10	S	2	30	35	95	5	3	-	9	10	1500	1009.9	+8	S	3	bcs	31	95	3	5	3	-	-	-	-	-	-	-	-	-	-	0.0			
	S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	+6	-	0	m	34	95	4	S	-	-	-	-	-	-	-	-	-	-	-	0.0			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.4	+4	SSE	2	cf	31	95	2	-	-	-	-	-	-	-	-	-	-	-	-	0.0			
	Calshot (S'thmtn)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.9	+12	S	1	f	34	95	2	-	-	-	-	-	-	-	-	-	-	-	-	0.0			
	Dungeness	20	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.9	+12	S	1	f	34	95	2	-	-	-	-	-	-	-	-	-	-	-	-	0.0			
	Lymington	346	1008.4	+10	WN	2	F	31	95	1	5	-	-	10	10	<150	1011.0	+10	NW	1	bf	28	95	2	-	-	-	-	-	-	-	-	-	-	-	-	0.0		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.5	+6	WSW	1	OF	34	95	0	S	-	-	-	-	-	-	-	-	-	-	-	-	0.0		
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.7	+8	SW	1	F	32	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0		
	Gorleston	5	1007.6	+10	SE'E	3	C	39	95	6	5	-	-	10	10	2500	1008.8	+8	WSW	1	C	37	95	5	S	-	-	-	-	-	-	-	-	-	-	-	0.0		
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.8	-2	SE	2	OF	34	95	3	S	-	-	-	-	-	-	-	-	-	-	-	-	0.0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.0	+2	SSW	2	ir	36	95	6	6	-	-	-	-	-	-	-	-	-	-	-	-	0.0		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.0	+2	SW	1	rs	32	95	5	S	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.5	+6	S'W	3	30	37	85	5	S	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
5	Portland Bill	32	1008.1	+12	NNE	3	C	38	95	6	4	4	-	4-6	7-8	2500	1009.4	+10	W	3	0	43	95	6	5	-	-	-	-	-	-	-	-	-	-	-	0.0		
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.5	+8	NNE	2	clpr	37	95	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
	The Lizard	240	1007.6	+4	W	2	C	46	75	8	4	7	-	7-8	9+	4000	1010.1	+10	NW'W	2	C	45	95	8	4	6	-	-	-	-	-	-	-	-	-	-	0.0		
	Scilly (St. Mary's)	163	1007.6	+6	WSW	4	C	47	75	8	5	-	-	9+	9+	2500	1011.4	+18	NNW	5	bcjp	47	85	8	3	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
	Guernsey	175	1008.3	+12	-	0	bc	39	95	7	1	-	-	2-3	2-3	2500	1010.7	+6	-	0	bc	38	95	7	5	4	-	-	-	-	-	-	-	-	-	-	-	0.0	
6	Pembroke	142	1006.3	+4	SW	4	ir	45	75	7	8	-	-	10	10	1500	1009.0	+18	NW	2	C	46	65	7	5	7	-	-	-	-	-	-	-	-	-	-	-	0.0	
7	Holyhead	26	1004.6	-2	SW'W	4	5/6	44	95	6	6	-	-	10	10	1500	1007.3	+16	W'N	5	bc	45	75	7	5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.8	+10	SSE	1	C	35	95	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
8	L'pool (Bidston)	198	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.3	+16	W'N	4	C	41	95	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.1	+6	-	-	m	36	95	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
9	Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.3	0	SSW	2	0	33	95	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
10	Spurn Head	29	1006.6	+4	WSW	2	OF	41	95	1	5	-	-	10	10	<150	1006.3	0	S	4	OF	35	95	4	5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.1	+2	SE'S	2	5	31	95	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	Tynemouth	100	1004.1	+4	SW	2	bc	34	95	6	5	-	-	4-6	4-6	800	1003.2	-4	SW	3	0	34	85	5	6	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
11	Inchkeith	190	1002.0	-4	SSE	2	C	40	75	7	5	2	-	4-6	10	1500	1000.5	+10	SW	3	C	41	75	8	5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
	Leuchars	35	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.5	+2	SW	2	bcjp	38	95	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
12	Renfrew (Abbotts)	18	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.7	+8	SW'W	2	bc	39	85	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.5	+6	SW	3	bc	36	95	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	997.3	-2	WSW	5	bc	44	65	7	8	7	-	-	-	-	-	-	-	-	-	-	-	-	0.0	
13b	Stornoway	34	991.9	-10	SSW	3	clr	42	95	6	8	2	-	4-6	10	1500	993.4	+10	SSW	3	bc	41	75	7	3	4	-	-	-	-	-	-	-	-	-	-	-	-	0.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	999.1	+6	-	0	iso	34	95	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	998.7	-10	SW'S	2	C	40	95	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	Wick	81	995.9	-16	S	6	C	43	95	8	8	1	-	7-8	9	1500	995.9	-2	S	4	C	41	95	8	8	1	-	-	-	-	-	-	-	-	-	-	-	0.0	
16	Lerwick	54	999.1	-6	SSE	8	clpr	40	85	7	9	-	-	10	10	1500	995.6	-10	SSE	8	phr	41	95	6	9	2	-	-	-	-	-								

LONDON OBSERVATIONS.

Day 7h-18h, Kew & Croydon.
9h-18h, Kensington.
9h-21h, other stations, except
Greenwich & Hampstead rainfall, 9h-18h.

STATIONS.	Height above M.S.L. in feet.	Barom.
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 31st December 1933.
No. 26,337

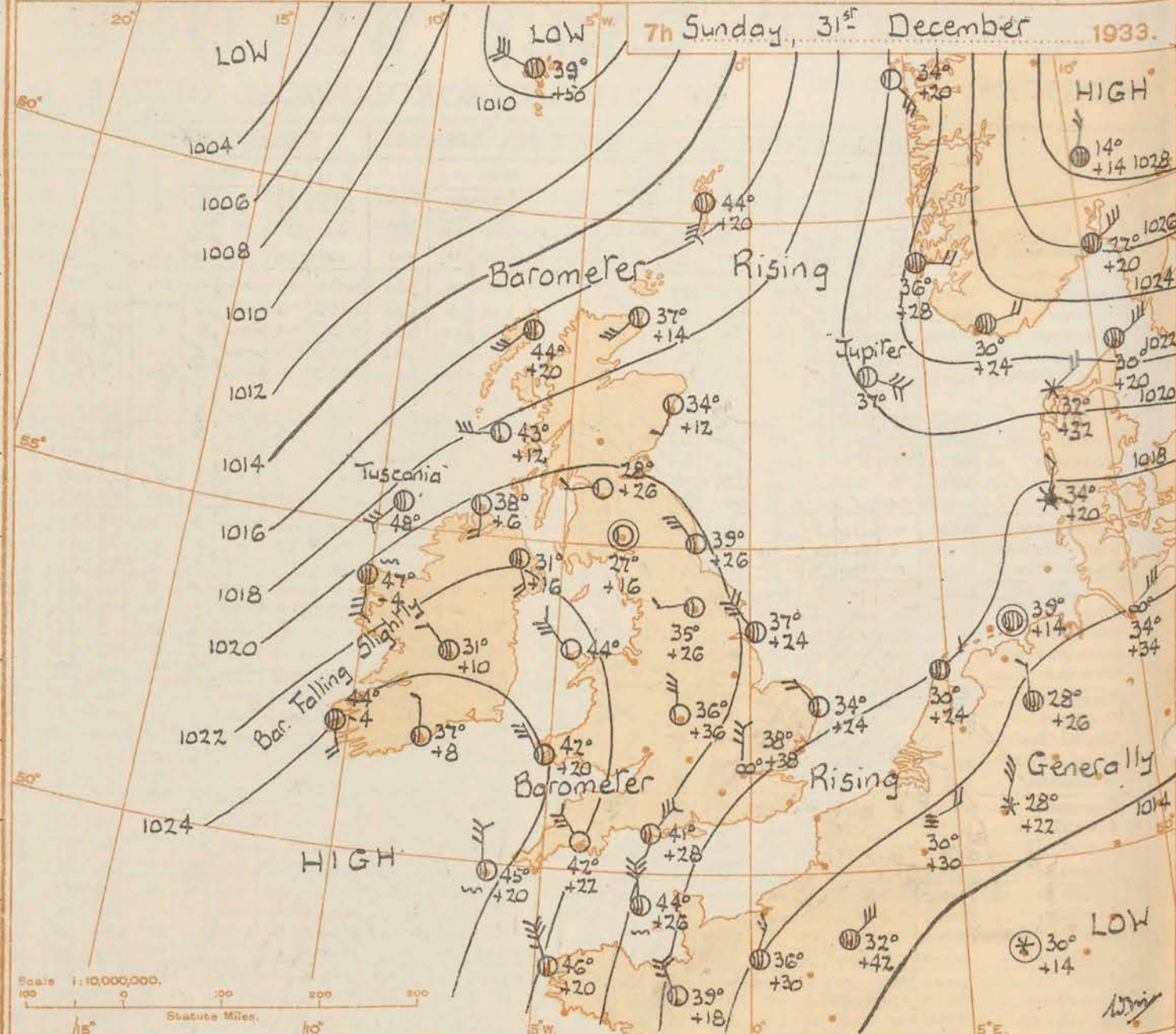
Diurnal.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 30th December													OBSERVATIONS at 18h. G.M.T. 30th December													PAST 24 HOURS.													
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. 0-12	Force.	Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir. 0-12	Force.	Weather.	Temp. °F.	Humid. %	Visibility m.	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.															
										Form.	Amount.	Height of Base. (feet)									Form.	Amount.	Height of Base. (feet)			7h.-18h. 30h.	18h.-18h. 30h.	18h. to 1h. 31st	1h.-7h. 31st												
																														Low.	Med.	High.	Low.	Total	0-10	Low.	Med.	High.	Low.	Total	0-10
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)								
1	London (Kew)...	1009.6	-6	SW	2	m	40	95	4	5	-	10	10	800	1009.1	0	WNW	4	rs	35	95	6	6	-	-	10	10	800	3	*	ofrm	bmors	orscm	cm,c							
	Croydon ...	1010.3	-4	SSW	3	o/r	37	95	5	5	-	10	10	1500	1009.2	-6	W'S	6	rr	39	95	5	6	-	-	9	9	1500	1	*	bcfrnm	bmors	orrsbm	cm,c							
	S. Farnborough ...	1010.2	+2	WSW	4	o	41	95	5	6	-	10	10	1500	1009.3	+4	WSW	3	c	37	95	7	5	-	-	10	10	1500	1	*	cmors	bmors	orrsbm	cm,c							
	Boscombe Down ...	1010.1	-6	W	2	bc	42	95	6	5	-	2.3	2.3	800	1009.9	+10	WNW	3	c	37	95	7	5	-	-	7.8	7.8	4000	1	*	ofrm	bmors	orrsbm	cm,c							
	Calshot, S'thmtn ...	1010.2	-8	SWW	3	c	43	95	6	5	-	9	9	4000	1009.9	0	WNW	3	c/pr	39	95	7	5	-	-	9	9	2500	1	1	offscf	bmors	orrsbm	cm,c							
	Dungeness ...	1010.2	-8	SWW	3	c	43	95	6	5	-	9	9	1500	1009.9	0	SW	3	c	39	95	7	5	-	-	7.8	7.8	1500	1	3	o	bmors	orrsbm	cm,c							
	Lymington ...	1010.7	-14	SSW	2	m	38	95	4	5	-	10	10	2200	1009.2	-10	WSW	3	c/r	39	95	5	5	-	-	9	9	450	1	*	bmors	orrsbm	cm,c								
2	Shoeburyness ...	1009.7	-10	SW	3	d	36	95	4	5	-	10	10	450	1008.1	-6	SSW	3	c	36	95	3	-	-	-	0	7.8	-	1	*	ofrm	bmors	orrsbm	cm,c							
	Felixstowe ...	1009.6	-10	SW	3	c/f	36	95	5	5	-	10	10	4000	1008.1	-6	SW	1	bf	36	95	3	-	-	-	0	0	-	1	1	Feam	bmors	orrsbm	cm,c							
	Gorleston ...	1009.6	-8	SW	3	m	35	95	4	5	-	10	10	2500	1007.4	-2	SW'S	3	m	37	95	4	5	-	-	10	10	1500	0	2	ofcpr	bmors	orrsbm	cm,c							
	Cranwell ...	1006.9	-14	SWW	4	3	41	95	5	5	-	10	10	4000	1007.0	+8	W'S	2	c/r	37	95	6	5	-	-	7.8	10	1500	1	*	ofc	bmors	orrsbm	cm,c							
3	Birmingham ...	1008.1	0	WSW	3	c	41	85	5	5	-	9	9	800	1008.8	+8	WNW	3	bc	37	85	5	6	3	-	1	4.6	800	1	*	rb	bmors	orrsbm	cm,c							
	Upper Keyford ...	1009.4	-6	SW	2	m	37	95	4	5	-	9	10	450	1009.3	+8	W	2	3	37	95	6	5	1	-	9	10	1500	1	*	c/r	bmors	orrsbm	cm,c							
4	Ross-on-Wye ...	1008.7	0	WSW	3	b	44	75	7	7	-	1	1	4000	1010.0	+6	NW	3	b	38	75	8	4	-	-	1	1	4000	1	*	cbcb	bmors	orrsbm	cm,c							
5	Portland Bill ...	1011.1	+4	W	2	bc	45	95	8	4	-	4.6	4.6	2500	1010.8	+4	NW	4	b	42	95	8	4	-	-	4.6	4.6	2500	1	3	prc	bmors	orrsbm	cm,c							
	Plymouth ...	1012.1	0	WNW	4	bc	48	75	7	7	3	-	4.6	4.6	1500	1013.9	+14	NW	4	b	42	65	7	8	-	-	4.6	4.6	1500	1	2	cmfbc	bmors	orrsbm	cm,c						
	The Lizard ...	1013.2	+2	WNW	3	c	48	75	8	7	-	4.6	7.8	2500	1015.4	+20	WNW	5	bc	43	65	8	8	-	-	2.3	2.3	2500	1	3	bc	bmors	orrsbm	cm,c							
	Scilly (St. Mary's) ...	1013.8	-4	WNW	6	bc	49	75	7	3	6	-	4.6	4.6	2500	1017.7	+12	WNW	7	q	45	65	8	3	-	-	4.6	4.6	2500	1	4	bc	bmors	orrsbm	cm,c						
	Guernsey ...	1011.8	-2	NW	5	bc	48	75	7	8	3	-	4.6	4.6	4000	1012.8	+10	WNW	5	c/r	45	75	8	8	-	-	10	10	1500	2	3	bcadd	bmors	orrsbm	cm,c						
6	Pembroke ...	1009.2	-8	NW	4	c/pr	43	95	7	8	-	9	9	2500	1012.3	+20	NW	4	q	43	65	7	5	7	-	-	4.6	7.8	2500	1	3	cbccpr	bmors	orrsbm	cm,c						
7	Holyhead ...	1007.5	-2	WNW	7	pr	43	75	7	6	3	-	9	9	2500	1010.2	+18	WNW	7	q	43	75	8	4	-	-	7.8	7.8	1500	1	4	bcprq	bmors	orrsbm	cm,c						
	Chester (Sealand) ...	1006.3	-10	WSW	4	2R	43	75	6	6	-	9	9	800	1007.9	+10	WNW	5	PRR	40	85	6	9	-	-	9	9	1500	1	*	cbcc	bmors	orrsbm	cm,c							
8	L'pool (Bidston) ...	1005.4	-8	WNW	5	rs	40	95	7	6	-	10	10	800	1007.9	+12	NW	6	c/r	40	75	8	3	-	-	9	9	1500	1	*	cbcc	bmors	orrsbm	cm,c							
	Manchester ...	1005.5	-12	W	2	3	43	75	6	5	3	-	9	9	4000	1006.9	+8	W	2	pr	39	85	5	8	-	-	9	9	2500	1	*	cbcc	bmors	orrsbm	cm,c						
9	Harrogate ...	1004.7	0	SSW	3	pr	40	85	5	6	7	-	4.6	9	2500	1005.1	0	WSW	3	8	35	95	5	5	-	-	9	9	2500	1	*	cbcc	bmors	orrsbm	cm,c						
10	Spurn Head ...	1005.5	-4	SW'S	3	bf	39	95	4	5	3	-	4.6	7.8	450	1004.8	0	W'N	4	r	38	95	6	3	-	-	10	10	2500	1	3	fd	bmors	orrsbm	cm,c						
	Catterick ...	1002.9	-26	SSW	4	bc	39	95	7	9	6	-	2.3	2.3	2500	1004.6	+14	W'S	1	c	36	85	8	8	-	-	4.6	9	4000	1	*	ofx	bmors	orrsbm	cm,c						
	Tynemouth ...	1002.4	-18	SW	2	bc	37	85	3	5	-	2.3	2.3	1500	1002.8	+14	W	2	c	38	95	7	5	-	-	7.8	7.8	1500	1	*	bc	bmors	orrsbm	cm,c							
11	Inchkeith ...	1000.9	-10	SW	3	cr	41	75	8	8	2	-	4.6	10	2500	1004.7	+28	W	4	c	38	85	8	5	2	-	-	2.3	7.8	2500	0	3	bc	bmors	orrsbm	cm,c					
	Leuchars ...	1000.1	-14	SW	4	c/p	41	85	7	8	3	-	7.8	9	2500	1004.5	+34	NW	1	c	37	85	7	5	7	-	-	7.8	9	4000	1	*	bc	bmors	orrsbm	cm,c					
12	Renfrew (Abbot) ...	1000.4	0	WSW	4	c	39	95	7	8	-	10	10	4000	1006.1	+40	W'S	2	bc	37	85	8	8	-	-	4.6	4.6	4000	1	*	bc	bmors	orrsbm	cm,c							
	Eskdalemuir ...	1000.8	-16	SSW	3	rs	35	95	6	5	-	10	10	450	1004.6	+24	NW	5	c	36	85	8	5	1	-	-	2.3	9	1500	1	*	cbcc	bmors	orrsbm	cm,c						
13	Tiree ...	1000.0	+22	N	5	o/pr	43	75	8	8	7	-	4.6	7.8	1500	1008.0	+44	NEN	5	bc/pr	42	85	8	8	6	-	-	4.6	4.6	2500	1	4	bcpr	bmors	orrsbm	cm,c					
13	Stornoway ...	997.9	+28	NW	1	c	35	95	8	5	7	-	7.8	9	1500	1004.9	+22	WSW	1	c	38	95	7	8	6	-	-	4.6	9	1500	1	1	cpr	bmors	orrsbm	cm,c					
15	Dalwhinnie ...	999.1	0	SW	2	ss	33	95	4	4	-	10	10	450	1004.6	+40	NW	2	c	34	75	8	4	-	-	7.8	7.8	1500	6	2	is	bmors	orrsbm	cm,c							
	Aberdeen ...	999.4	+2	SSW	3	bc	41	75	6	8	7	-	4.6	2.3	2500	1002.9	+32	WNW	2	c	34	95	5	5	7	-	-	4.6	7.8	2500	1	2	cbcb	bmors	orrsbm	cm,c					
	Wick ...	997.7	+14	SW	3	bc	40																																		

REPORTS from HEALTH RESORTS for 30th December 1933.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.
	Forenoon.	Afternoon.	Min. 9h. to 30h.	Max. 9h. to 30h.	Night. 17h. to 30h.	Day. 9h. to 17h.	
1 Tunbridge W.	ofar	ocb	30	40	-	0.5	0.0
Bournemouth	obsc	ocb	30	45	0.3	2.1	0.8
Ventnor	war	obsc	36	44	-	0.2	1.5
Southsea	ofar	ocb	32	44	-	0.3	0.1
Bognor Regis	ofar	ocb	33	42	-	0.3	0.1
Littlehampton	ofar	ocb	30	40	-	-	0.0
Worthing	ofar	ocb	31	41	-	Trace	0.0
Brighton	ofar	ocb	32	42	-	0.1	0.0
Eastbourne	ofar	ocb	30	43	Trace	1	0.6
Hastings	ofar	ocb	32	41	-	2	0.0
Folkestone	ofar	ocb	30	42	-	2	1.1
Dover	ofar	ocb	30	42	-	0.2	2.7
Deal	ofar	ocb	30	42	-	1	2.6
Ramsgate	ofar	ocb	30	41	Trace	1	2.2
Margate	ofar	ocb	29	42	-	0.4	1.9
2 Southend	ofar	ocb	32	37	Trace	1	0.0
Maldon	ofar	ocb	28	39	-	Trace	0.0
Clacton-on-Sea	ofar	ocb	32	38	-	0.3	0.0
Dovercourt	ofar	ocb	31	38	-	-	0.0
Lowestoft	ofar	ocb	34	37	-	0.2	0.0
Skegness	ofar	ocb	32	39	Trace	1	0.0
Mablethorpe	ofar	ocb	32	38	Trace	0.5	0.0
Cleethorpes	ofar	ocb	33	41	-	0.2	0.0
3 Leamington S.	ofar	ocb	31	44	-	1	1.5
4 Cheltenham	ofar	ocb	35	39	-	2	0.0
5 Bath	ofar	ocb	29	47	-	3	2.4
Weymouth	ofar	ocb	27	48	0.4	1	2.5
Jersey	ofar	ocb	34	48	1	0.3	1.7
Torquay	ofar	ocb	30	49	-	1	3.6
Penzance	ofar	ocb	41	51	0.4	1	4.2
St. Ives	ofar	ocb	42	48	Trace	Trace	2.6
Bude	ofar	ocb	34	48	2	3	3.3
Ilfracombe	ofar	ocb	36	44	0.4	-	2.6
6 Aberystwyth	ofar	ocb	33	44	2	2	1.1
7 Llandudno	ofar	ocb	35	44	0.4	2	0.4
Colwyn Bay	ofar	ocb	36	46	0.3	3	1.2
Rhyl	ofar	ocb	30	43	Trace	2	1.8
8 Wallasey	ofar	ocb	33	46	1	2	1.9
Southport	ofar	ocb	33	43	1	3	1.3
Blackpool	ofar	ocb	32	44	1	5	1.1
Morecambe	ofar	ocb	31	43	1	5	0.6
9 Ilkley	ofar	ocb	26	42	Trace	5	0.0
10 Berwick-on-T.	ofar	ocb	32	42	Trace	Trace	1.7
11 Dunbar	ofar	ocb	36	43	0.3	0.5	2.1
12 Troon	ofar	ocb	33	45	3	3	0.2
Douglas	ofar	ocb	34	44	5	2	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. 31st. Dec. 1933.
1. S.E. England	Light variable or northerly wind; fair; moderate day temperature; local mist or fog; ground frost locally early.
2. E. England...	
3. E. Midlands	
4. W. Midlands	Light to moderate variable wind, becoming southerly; fair or fine today; moderate day temperature; perhaps rain tomorrow; local mist or fog tonight.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light to moderate southwest wind; fair at first, perhaps rain spreading from west tomorrow; moderate day temperature.
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	
17. N.W. Ireland	Moderate south to southwest wind; cloudy, with rain later; mild.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Printed by the Stationery Office Press, Kingston, 1933.

Printed by the Stationery Office Press, Kingston, 1933.

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 1/2 clouded. — Sky 1/2 to 1/2 clouded. — Sky 1/2 to 1/2 clouded. — Overcast sky. — Rain falling. * Snow. * Sleet. * Hail. — Fog. — Mist. T Thunder. T Thunderstorm. — Slight haze.
SEA DISTURBANCE. — Rough. — High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A ridge of high pressure extends from southwest of the British Isles to Southern Scandinavia. There are indications of a disturbance to the west of Ireland. There will be a fine or fair interval over most of England and Wales, with increasing cloudiness spreading from west tomorrow. Rain may occur in western districts tomorrow.

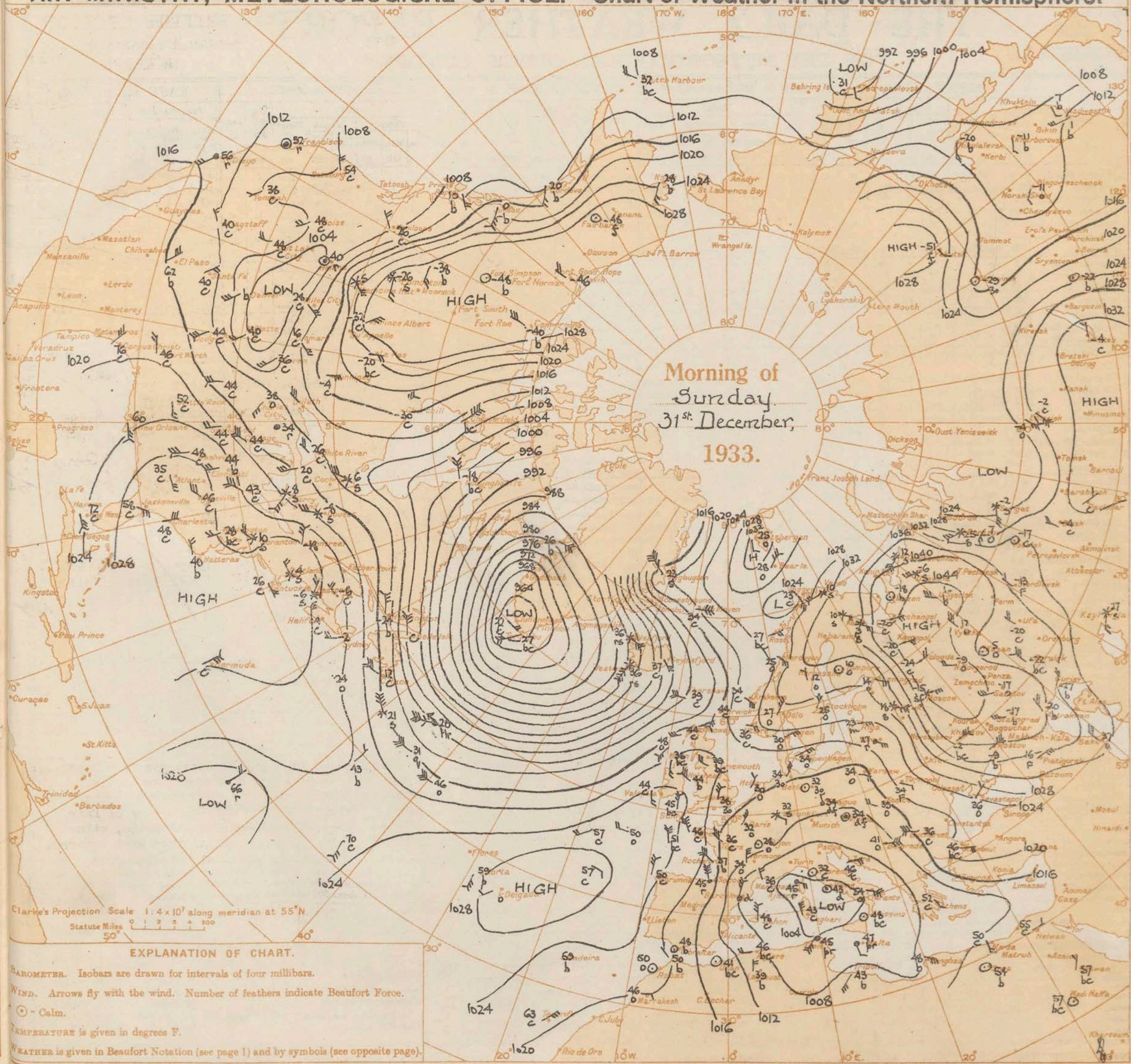
FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 11.30 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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 31st December 1933.
No. 26,337.

DISTRICT.	STATIONS.	OBSERVATIONS at 1 hr. G.M.T. 31st December														OBSERVATIONS at 7 hr. G.M.T. 31st December														PAST 24 HOURS.												
		Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUM-SUNSHINE 30th Hrs.								
					Dirac.	Force.					Low.	Med.	High.	Low.			Total.	Dirac.					Force.	Low.	Med.	High.			Low.	Total.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.						
																																					Form.	Amount.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).
1	London (Kew)...	18	*	*	*	*	*	*	*	*	*	*	*	1019.4	+4.4	N	4	C	39	85	7	5	-	-	9	9	2500	1	*	41	34	31	3	1	0.4							
	Croydon ...	217	1012.4	+20	WNW	2	30	36	85	6	5	7	-	4-6	9	1500	1018.8	+3.8	N.E	4	30	38	85	6	5	-	-	9	9	1500	1	*	40	33	32	0.3	3	0.0				
	S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	1019.6	+4.0	NNW	2	C	38	85	6	5	-	-	10	10	1500	1	*	43	35	30	3	0.2	1.5							
	Boscombe Down ...	417	*	*	*	*	*	*	*	*	*	*	*	1019.8	+3.8	N	4	C	37	85	7	5	-	-	1	1	2500	1	*	45	34	31	1	-	2.4							
	Calshot (St. Mary's) ...	8	*	*	*	*	*	*	*	*	*	*	*	1019.7	+4.0	NNW	4	C	40	85	7	5	-	-	9	9	2500	1	2	43	35	29	1	-	1.0							
	Dungeness ...	20	*	*	*	*	*	*	*	*	*	*	*	1019.7	+4.0	NNW	2	C	*	*	7	5	-	-	9	9	1500	1	2	42	33	*	1	2	0.0							
	Lympe ...	346	1011.3	+18	NNW	4	30	36	85	5	5	1	-	2-3	10	1500	1017.4	+3.8	N	4	30	35	85	6	5	-	-	9	9	1500	1	*	40	33	32	1	1	0.0				
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1018.2	+3.6	NNW	2	60	34	85	6	5	8	-	-	2-3	2-3	2500	1	*	39	33	29	0.4	2	0.0						
	Felixstowe ...	15	*	*	*	*	*	*	*	*	*	*	*	1018.4	+4.0	NW	2	30	34	85	6	-	4	-	-	0	2-3	-	1	1	38	33	27	0.1	0.1	0.0						
	Gorleston ...	5	1010.3	+28	WNW	2	30	37	95	6	5	-	-	9	9	2500	1017.0	+2.4	NW	2	60	34	85	5	5	-	-	4-6	4-6	2500	0	1	37	33	32	Tr	-	0.0				
	Cranwell ...	240	*	*	*	*	*	*	*	*	*	*	*	1020.7	+4.8	NW	4	60	34	85	7	8	3	-	-	2-3	4-6	2500	1	*	42	34	32	1	1	1.4						
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1021.7	+3.6	N	3	60	36	85	8	5	-	-	1	1	2500	1	*	43	33	31	2	1	2.6							
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	*	*	1020.6	+4.4	NNE	3	30	36	85	8	5	-	-	4-6	4-6	1500	1	*	40	35	30	2	-	0							
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1021.0	+3.4	N	1	30	37	85	8	5	-	-	1	1	2500	1	*	45	37	30	3	-	3.5							
5	Portland Bill ...	32	1014.1	+16	NW	5	6	42	85	8	-	-	-	0	0	-	1017.5	+2.8	NNE	4	60	41	75	8	4	-	-	2-3	2-3	2500	0	3	46	40	*	1	-	*				
	Plymouth ...	82	*	*	*	*	*	*	*	*	*	*	*	1022.1	+2.2	NNW	4	6	42	75	8	-	-	-	-	0	0	-	1	2	49	41	38	0.6	0.1	3.7						
	The Lizard ...	240	1019.0	+10	NW	5	9	43	65	8	3	-	-	4-6	4-6	1500	1024.1	+1.6	NNW	4	60	39	75	8	4	-	-	2-3	2-3	2500	1	3	48	38	*	2	0.1	*				
	Scilly (St. Mary's) ...	183	1020.7	+6	NW	6	60	45	65	8	2	-	-	2-3	2-3	4000	1025.5	+2.0	N	4	60	45	65	8	2	-	-	4-6	4-6	4000	0	4	50	44	*	1	-	4.2				
	Guernsey ...	175	1015.7	+24	NW	6	9	44	75	8	8	-	-	10	10	1500	1020.2	+2.6	NW	6	44	65	8	2	-	-	10	10	1500	0	4	49	43	38	8.2	-	3.3					
6	Pembroke ...	142	1018.3	+16	NW	4	9	43	75	7	5	8	-	2-3	4-6	4000	1024.2	+2.0	NW	3	60	42	75	7	5	8	-	2-3	4-6	4000	0	2	48	40	*	1	-	1.9				
7	Holyhead ...	26	1017.3	+30	NNW	6	9	44	85	7	1	-	-	Tr	Tr	2500	1022.6	*	NW	4	6	44	85	7	5	-	-	1	1	2500	1	2	46	41	38	0.6	Tr	1.1				
	Chester (Sealand) ...	18	*	*	*	*	*	*	*	*	*	*	*	1021.9	+2.2	NNW	2	6	34	85	6	-	-	-	-	0	0	-	1	*	47	34	28	3	2	1.9						
8	L'pool (Bidston) ...	198	*	*	*	*	*	*	*	*	*	*	*	1022.8	+1.6	N	3	6	36	85	8	-	-	-	-	0	0	-	0	*	44	36	31	2	-	1.9						
	Manchester ...	70	*	*	*	*	*	*	*	*	*	*	*	1020.9	+2.0	N	3	6	38	75	7	-	-	-	-	0	0	-	0	*	44	35	25	3	0.6	*						
9	Harrogate ...	478	*	*	*	*	*	*	*	*	*	*	*	1021.0	+2.6	N	1	60	35	85	6	5	-	-	-	-	4-6	4-6	5700	1	*	41	33	28	3	1	0.5					
10	Spurn Head ...	29	1010.6	+20	NW	4	C	37	95	7	5	7	-	4-6	7-8	2500	1019.1	+2.4	NW	5	C	37	95	7	5	7	-	4-6	7-8	4000	0	3	40	37	*	0.2	Tr	0.4				
	Catterick ...	175	*	*	*	*	*	*	*	*	*	*	*	1020.7	+2.4	NNW	1	6	36	75	7	-	-	-	-	0	0	-	1	*	40	36	30	1	1	0.6						
	Tynemouth ...	100	1012.2	+4.6	NNW	3	C	39	95	7	6	-	-	7-8	7-8	1500	1020.1	+2.6	NW	3	60	39	65	7	5	-	-	2-3	2-3	1500	1	2	39	37	31	0.5	3	0.6				
11	Inchkeith ...	190	1014.9	+34	N	2	60	39	75	8	5	-	-	2-3	2-3	4000	1019.6	+1.6	WSW	2	60	37	85	6	5	-	-	2-3	2-3	1500	0	1	42	36	31	Tr	-	0.6				
	Leuchars ...	35	*	*	*	*	*	*	*	*	*	*	*	1019.1	+1.6	WSW	2	6	32	85	6	4	-	-	-	Tr	Tr	4000	4	*	42	32	22	Tr	Tr	1.9						
12	Renfrew (Abbots) ...	18	*	*	*	*	*	*	*	*	*	*	*	1021.3	+2.6	N	1	6	28	85	7	-	-	-	-	1	1	-	5	*	42	24	21	1	-	0.0						
	Esksdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1021.7	+1.6	-	0	6	27	75	8	-	-	-	-	1	0	Tr	-	4	38	27	20	2	-	0.9						
13	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1018.5	+1.2	N	3	60	43	85	7	5	1	-	-	2-3	4-6	2500	0	2	44	38	32	4	-	0.0						
14	Stornoway ...	34	1012.0	+34	WSW	3	60	41	95	7	4	6	-	2-3	2-3	2500	1016.8	+2.0	WSW	3	C	44	85	7	5	7	-	7-8	9	1500	1	1	41	37	*	3	2	0.0				
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1018.5	+1.2	S	2	C	30	95	8	4	1	-	-																	