

THE DAILY WEATHER REPORT

BRITISH SECTION

1st October to 31st December

1937.



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

INTRODUCTION

The Daily Weather Report has been issued in three sections since April 1, 1919. The section of which this forms the Introduction is known as the "British Section."

NOTES REGARDING THE BRITISH SECTION.

Description of each issue:—The British section is issued daily by 12.30 p.m. (except that Sunday's issue is printed on Monday) and contains—

(a) On pp. 1 and 4 two tables of observations taken generally at 13h. and 18h. G.M.T. of "yesterday," and at 1h. and 7h. G.M.T. of "to-day" from about 45 stations in the British Isles, which regularly report to the Meteorological Office, and of the weather in the intervening intervals. These observations are telegraphed in a figure and letter code. The stations are arranged according to Forecast Districts as described at the foot of p. 2 of the report, and also on p. 4 of this Introduction. Whenever it is possible to do so without occupying too much space, the decoded values are set out in full in the table; in other cases, code figures are entered; these are interpreted by reference first to the number printed at the head of the column, and then to the Explanation printed at the foot of pp. 1 and 4, where the column numbers are shown in connexion with each of the separate classes of observation.

(b) Observations made at nine London Stations during the 24 hours ending 7h. or 9h.

(c) Table of atmospheric pollution for "yesterday" for South Kensington and Kew Observatory.

(d) Observations for "yesterday evening" and "this morning" from five capital cities on the Continent of Europe.

(e) On p. 2, a table of weather reports from British health resorts for the previous day, arranged under forecast districts.

(f) A weather chart (scale 1 : 10,000,000) for the British Isles and the neighbouring parts of the Continent and of the Atlantic. An explanation of the chart is printed below it.

(g) A "general inference" drawn up by the forecaster from all the weather charts available. This inference sets out the meteorological changes in progress and the deductions to be drawn from them.

(h) Weather forecasts for the 24 hours commencing 12 noon of the day of issue for 20 districts into which the British Isles are divided.

(i) A "further outlook," i.e. an indication of the changes to be expected after the expiry of the term of the forecasts, if the meteorological conditions are such as to warrant the issue of such an extension.

(j) On p. 3, a weather chart for the greater part of the Northern Hemisphere, including the whole of Europe, part of N. Africa, the Northern part of the N. Atlantic, N. America and usually a part of Russia in Asia.

The observations presented on this chart are not synchronous. Those for most of Europe (excluding Russia) and neighbouring countries refer to 7h. G.M.T., exceptions being:—Austria, Bulgaria, Greece, Hungary, Yugoslavia, Turkey, Cyprus, Egypt, Palestine, Syria, Sudan, Iraq (6h. G.M.T.) Azores (8h. G.M.T.). The Greenland observations shown are made at 0h. G.M.T. with the exception of these for Mygbugten, and Torgilsbu which are for 7h. G.M.T.; while those for North America are made at 1h. G.M.T.

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

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

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

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

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

Gale warnings:—A note regarding the meaning of gale warnings and the method of indicating in the Report to what districts warnings may have been issued is also shown below.

THE INTERNATIONAL AND UPPER AIR SECTIONS.

The other two sections of the Daily Weather Report are Royal quarto in size.

The International Section contains 4 pp. per day and is issued daily by 3.30 p.m., but the issues for Saturday and Sunday are made on Monday. The "International Section" contains information received from the Continent of Europe, the Mediterranean Basin, Iceland and the Azores, and from ships on the Atlantic, arranged as follows:—

(a) Two weather maps (Scale 1 : 20,000,000) for Europe, the Mediterranean and Eastern Atlantic for 18h. yesterday and 7h. to-day.

(b) Two inset maps (Scale 1 : 20,000,000) for Northwest Europe for 13h. yesterday and 1h. to-day.

(c) Table of meteorological observations taken at about 80 stations, mostly on the Continent of Europe (not for the British Isles).

(d) Table of meteorological observations received by Wireless Telegraphy from Ships on the Northern Atlantic.

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

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

THE BEAUFORT SCALE OF WIND FORCE.

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

GALE WARNINGS.

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

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

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

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

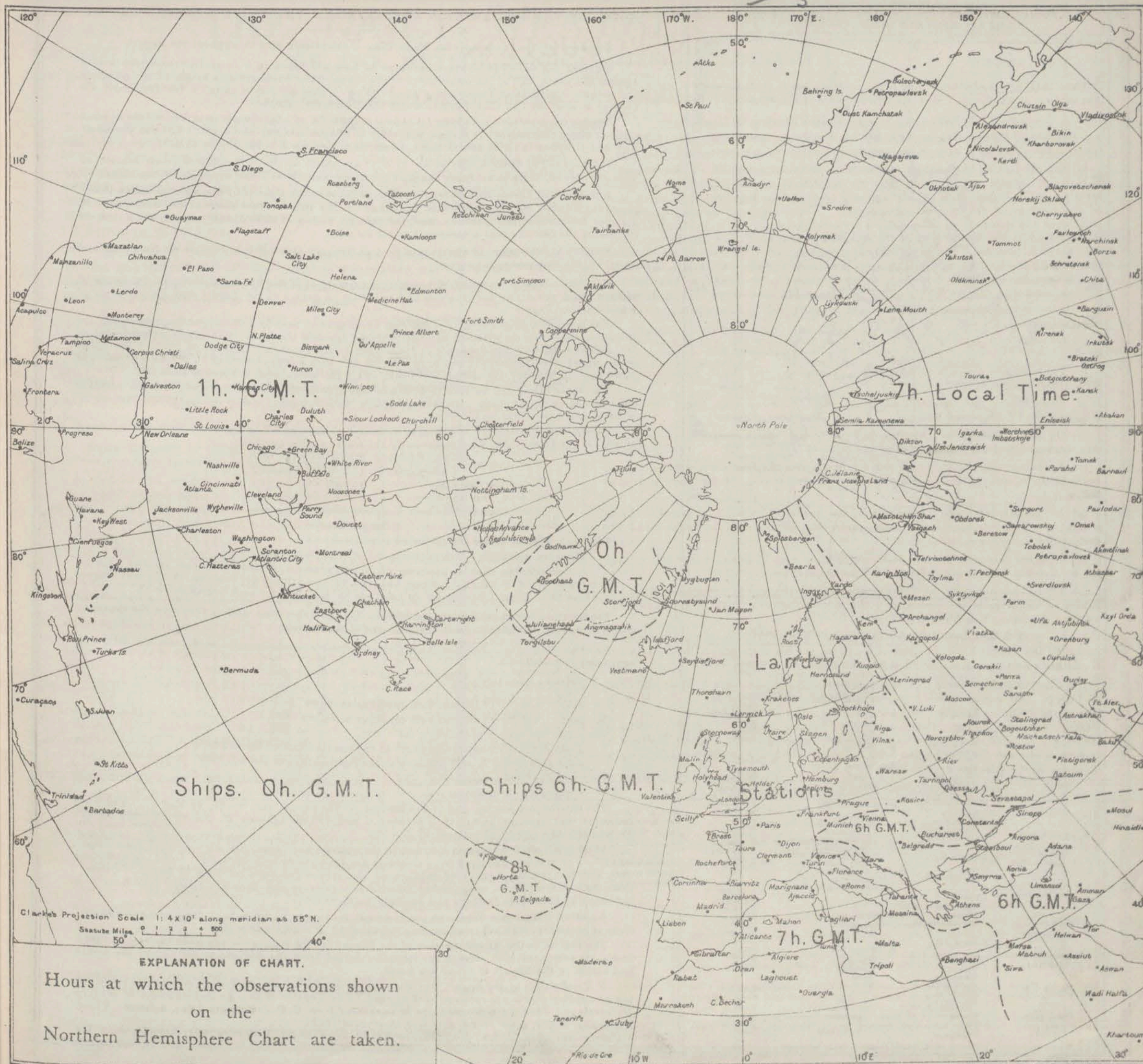
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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

▲ North Cone hoisted:

▼ South Cone hoisted:

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



FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS and the Counties comprised within them.

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

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT.

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

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

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

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

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

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

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

The wind at a height of 1,500-2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1.015 mb; if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

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

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

GEOSTROPHIC WIND SCALE FOR

8 mb isobars on 1 : 4 × 10⁷ Charts.

or 2 mb " " 1 : 10⁷ " "



Miles per hour.

This scale applies under the following conditions:—

Pressure, 1.015 mb. Temperature, 50° F. Latitude, 55°.

Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree above 55°. From Latitude 55° to Latitude 45° add 1½% for each degree below 55°.

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

Relative Humidity.—Relative Humidity at British stations is calculated from the following hygrometric formulæ:—

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

$$x = f - .444(t - t')$$

$$x = f - .400(t - t')$$

where x is the vapour pressure in mb.

F the saturation vapour pressure at the temperature of the dry bulb;

f the saturation vapour pressure at the temperature of the wet bulb;

t the dry bulb temperature; and

t' the wet bulb temperature.

The entries in columns 7 and 21 are limited to 10, 25, 35, etc., to 85, 92 and 97. Entry 10 indicates that relative humidity is between 0 and 19; 25, between 20 and 29;and so on; 92, between 90 and 94; 97 between 95 and 100.

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

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

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

N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map: An Introduction to Modern Meteorology," (2nd Edition, 1930), to be purchased from H.M. Stationery Office, Adastral House, Kingsway, W.C.2, price 3s. 2d. post free. (Reprinted 1933).

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

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.MONTHLY
SUPPLEMENT,
November, 1937 No. 251. Page 1.

A calm, dry month, cold at times, considerable fog.

During the first part of the month an anticyclone was situated over the Baltic regions whilst depressions on the Atlantic to southwest of Ireland moved quickly northwards giving gales in the West and North. On the 5th the anticyclone extended and covered the British Isles and another anticyclone moving northeast to a position south of Iceland became the dominant feature until the 14th. Subsequently this area of high pressure moved southeast across the British Isles to the Continent and a deep depression near the Azores moved northeast to Norway giving gales (Valentia gust 64 m.p.h.) over most of the country from 16th to 19th. From the 23rd to the 28th anticyclones moved respectively east and southeast over the British Isles followed by depressions moving northeast between Iceland and Scotland.

Temperature as a whole was about or somewhat below normal. Towards the end of the month a mild spell set in especially in Scotland. The highest temperatures were recorded during the early part of the month, 60°F. being attained at several places and 61°F. at Paignton on the 8th. There were periods of sharp frost in many places the lowest screen temperatures recorded being 16°F. at South Farnborough on the 20th, 17°F. at Manchester on the 14th and the lowest grass minimum 11°F. at Dalwhinnie on 23rd.

There was a deficiency of rain generally. Renfrew, Eskdalemuir and Leuchars recording their lowest falls for November.

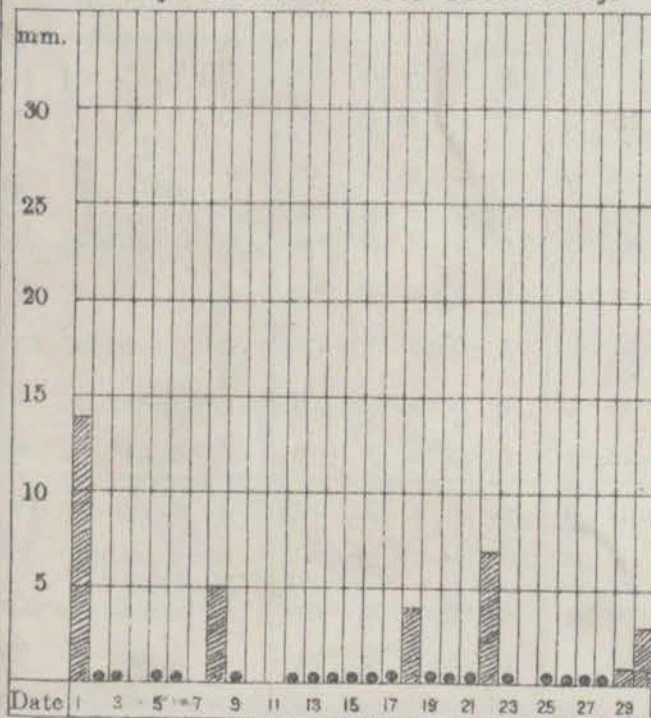
The heaviest falls of rain occurred from 17th to 19th, Valentia 40.6 mm (1.60 ins) on 17th, Malin Head 31 mm (1.22 ins) on 18th and Catterick 27 mm (1.06 ins) on 19th. Hail showers were reported on the 9th and 10th in several places. There were appreciable falls of snow in Scotland between the 10th and 14th and on the high ground in Northern England on 19th.

Sunshine records were very variable. In many places they were well above normal, Renfrew and Lympne having the highest since 1927. Valentia also recorded 52% above the normal. On the other hand Aldergrove's total was the lowest in November since records were commenced.

Thunder was reported locally on the 19th.

Widespread fog was experienced on several occasions and frequently persisted for periods exceeding 24 hours. It was particularly bad in the Midlands and South from the 25th to the 27th.

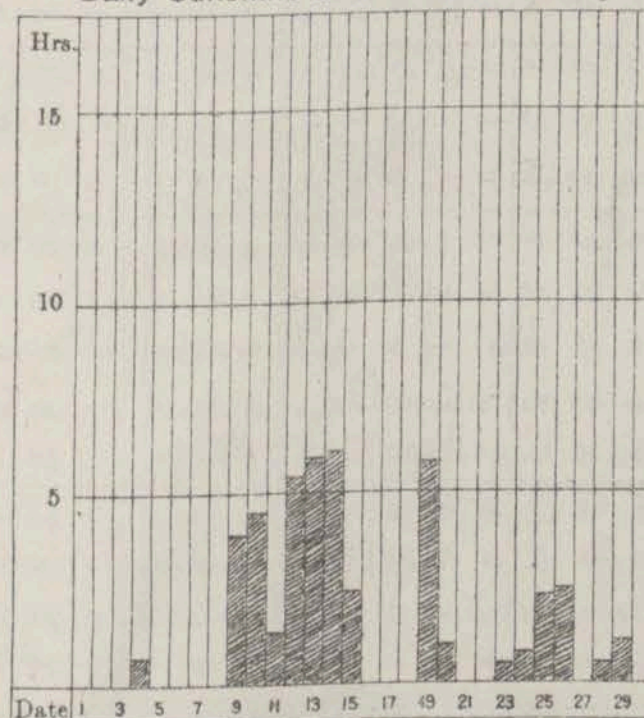
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

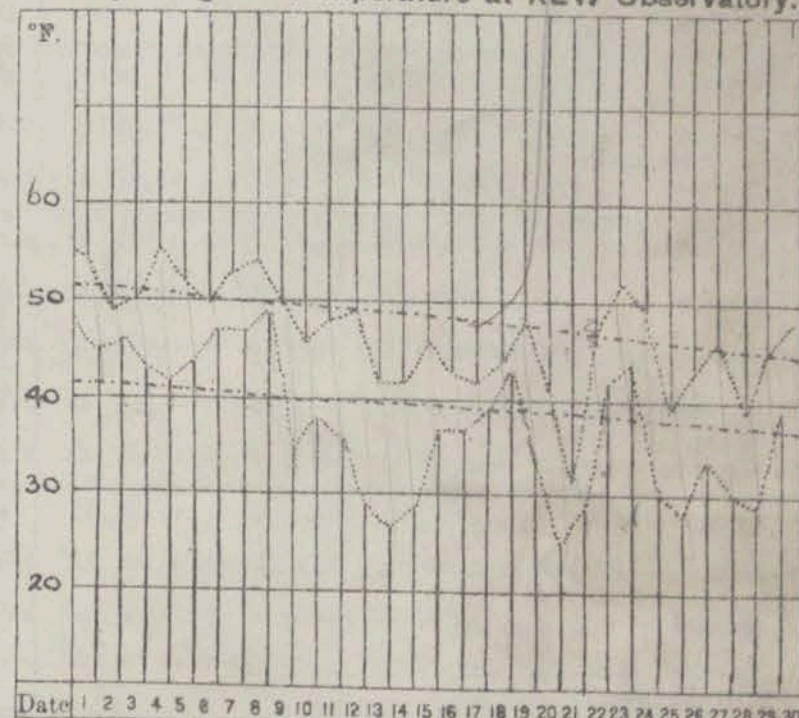
RAINFALL. Total for Month. 35 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 46 hrs.

Daily Range of Temperature at KEW Observatory.



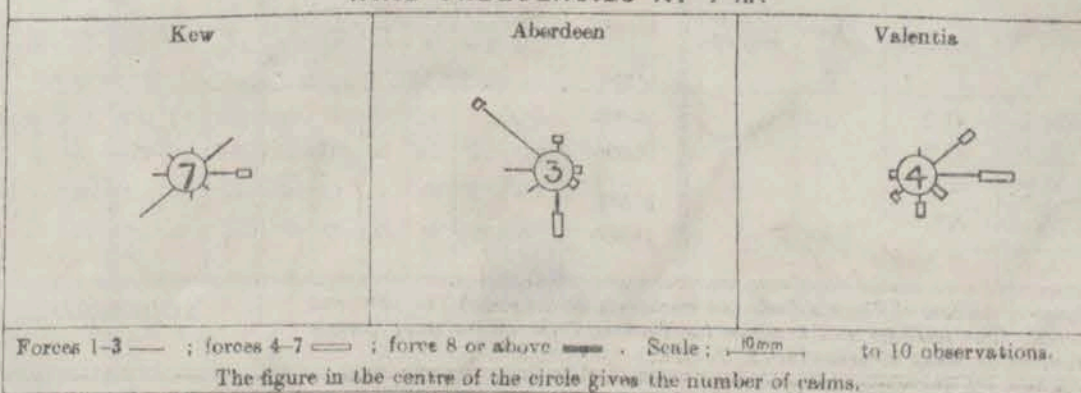
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1017.1	mb. +2.5	°F. 41.3	°F. -2.4
Aberdeen	1016.7	+6.3	42.4	+0.1
Valentia	1014.7	+1.7	46.3	-1.2

*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 15 h. daily corrected.
Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.



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

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

	miles.
Kew	4,583
Aberdeen	5,598
Lerwick	12,821
Valentia	8,614

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

District.	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.																						
		Maximum.					Minimum.					7 h. 13 h. 18 h.						7 h. 13 h.																						
		32° or below					23° or below					Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft.						Dense fog. Thick fog. Fog. Mist. Good Visibility.																						
		32°	33°	41°	50°	59°	23°	24°	32°	41°	50°	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.																		
1	London ... (Kew Obsy). Croydon ... Calshot** ... (Southampton) Lympne ...	1	3	19	7	0	0	10	8	12	0	40.0	56	4	32	21	49	9	25	21	14	13	13	0	5	19	1	9	12	2	0	9	3	0	0	0	3	7	3	0
2	Shoeburyness ... Gorleston ... Cranwell ...	0	2	18	10	0	0	10	11	8	1	49.2	56	2	34	21	51	1	25	16	12	9	17	0	4	16	1	2	15	0	1	3	0	7	6	0	1	1	3	10
3	Birmingham ... (Edgbaston)	0	6	18	6	0	0	6	17	7	0	49.2	56	2	34	21	51	1	25	16	12	9	17	0	4	16	1	2	15	0	1	3	0	7	6	0	1	1	3	10
4	Ross-on-Wye ...	0	6	20	4	0	0	6	17	7	0	49.2	56	2	34	21	51	1	25	16	12	9	17	0	4	16	1	2	15	0	1	3	0	7	6	0	1	1	3	10
5	The Lizard ...	0	0	6	23	1	0	0	8	18	4	60	2	46	14	52	19	36	15	0	0	30	0	0	30	0	0	30	0	0	30	0	0	0	0	29	0	0	0	27
7	Holyhead ...	0	0	20	9	1	0	0	7	20	3	44.4	60	2	45	13	51	30	37	25	1	4	26	0	3	25	0	4	23	0	0	0	0	1	24	0	0	0	1	24
8	Chester ... (Sealand)	0	2	20	8	0	0	6	11	12	0	38.2	56	2	39	22	49	30	23	14	11	7	18	1	4	22	0	2	20	0	1	2	3	9	3	0	1	2	5	6
10	Tynemouth ...	0	3	17	10	0	0	2	15	12	1	40.4	55	30	33	22	51	2	32	14	6	11	19	0	11	19	0	16	14	0	0	0	0	15	0	0	2	7	10	
11	Leuchars ...	0	4	15	11	0	0	9	12	9	0	36.3	57	5	39	28	49	2	27	24	17	1	25	1	2	21	4	1	20	3	0	1	1	0	18	0	0	0	3	16
12	Renfrew ... Eakdalemuir ...	0	5	15	10	0	1	12	9	8	0	36.1	57	5	35	22	50	30	19	24	17	3	20	2	2	20	3	0	18	6	0	2	5	4	10	0	0	5	2	13
13	Stornoway ...	0	10	14	6	0	2	9	11	8	0	34.3	55	1	35	19	47	30	20	13	15	13	15	0	5	25	0	5	22	0	0	0	2	1	17	0	0	0	0	23
15	Aberdeen ...	0	2	19	9	0	0	0	16	14	0	39.6	55	4	40	13	50	30	34	14	9	0	30	0	0	30	0	0	30	0	0	0	0	28	0	0	0	0	28	
18	Aldergrove ...	0	0	22	8	0	0	6	13	9	2	55	35	42	13	51	4	26	20	12	4	25	0	3	25	2	5	22	0	0	0	1	2	22	0	0	0	0	18	
19	Dublin ... (Phoenix Park) Birt Castle ...	0	0	21	9	0	0	9	10	10	1	36.9	58	29	45	13	51	4	25	14	11	0	20	0	0	27	0	0	24	0	0	0	2	0	28	0	0	0	0	30
20	Valentia ... (Cahiriveen)	0	0	12	18	0	0	1	15	9	5	43.7	57	3	45	10	57	4	32	15	8	5	21	0	2	24	2	2	26	1	0	0	0	0	25	0	0	0	0	29

UPPER AIR TEMPERATURE.

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

UPPER AIR TEMPERATURE.																																		
Pressure. mb.	Normal Height. Feet.	Normal Temperature. °F.	MILDENHALL.		ALDERGROVE.		STATION.		LYMPNE.						PLYMOUTH (Mt. Batten).						HOLYHEAD.						RENFREW.						STATION.	
			Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Height. Feet.	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	Height. Feet.
950	1,740	42.0	41.7	44	43.6	43	2,000	70	14	40	15	1	0	58	17	32	9	0	0	55	8	38	8	1	0	67	5	44	18	0	0	2,000		
800	4,360	34.2	35.0	44	36.9	43	5,000	39	8	25	5	1	0	32	3	24	3	2	0	15	3	10	2	0	0	42	4	28	9	1	0	5,000		
750	7,950	25.3	28.6	44	31.0	43	10,000	9	2	6	1	0	0	12	2	7	2	1	0	4	1	3	0	0	0	30	7	6	13	4	0	10,000		
650	11,620	14.2	17.5	44	20.4	43	15,000	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	7	0	3	3	1	0	15,000		
600	15,750	-0.3	2.5	42	5.7	43																												

† The readings and averages 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 readings and averages for Phoenix Park are for daily periods ending 21 h. Averages are for periods of at least 10 years (See M.O. 364).

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

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

SUNSHINE, RAINFALL, AND HUMIDITY NOVEMBER 1937.

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.	Hours.	Date.	Hours.	Hours.	Hours.	Hours.	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.	First year of record.	Highest.	Year.	Lowest.	Year.	
1	London (Kew Obsy.) Croydon Calshot** (Southampton) Lympne	14	10	5	1	0	6.2	14	1393	-76	46	-7	1880	81	'83	26	{	23	2	3	2	0	0	14	1	701	+95	35	-21	1856	130	'26	10	'58	0	0	
		10	12	8	0	0	6.0	19	1353	-172	52	0	1922	83	'23	28	'32	23	2	1	3	1	0	23	1	861	+182	48	-21	1921	160	'29	24	'32	0	0	
		10	10	4	6	0	7.6	14	1623	-123	74	+1	1881	109	'23	31	'88	21	3	3	1	2	0	20	1	787	+141	55	-12	1871	176	'35	13	'79	0	0	
		10	5	8	7	0	7.3	{	1647	-118	94	+25	1921	108	'25	35	34	19	6	2	3	0	0	13	17	780	+56	33	-48	1920	173	'26	26	'32	0	0	
2	Shoeburyness...	8	8	11	3	0	6.3	{	1468	-248	78	+12	1919	104	'20	43	{	21	2	3	3	1	0	21	1	700	+197	46	-8	1920	105	'29	17	'20	0	1	
	Gorleston ...	10	15	3	2	0	7.4	21	1432	-211	45	-21	1908	106	'20	37	12	13	5	9	3	0	0	7	13	583	-39	47	-14	1871	208	'78	20	'20	0	1	
	Cranwell ...	8	9	10	3	0	6.7	21	1258	-280	68	+2	1921	97	'25	38	32	20	2	6	2	0	0	6	19	617	+27	31	-16	1917	124	'35	22	'20	0	1	
3	Birmingham ... (Edgbaston)	16	3	9	2	0	7.7	3	1258	-46	61	+15	1887	93	'13	13	12	20	2	4	4	0	0	9	8	739	+65	40	-21	1893	181	'29	17	'20	0	1	
4	Ross-on-Wye ...	13	10	3	4	0	7.1	21	1354	-131	53	-10	1915	108	'23	26	34	21	2	4	3	0	0	7	8	816	+99	30	-34	1859	227	'29	14	'33	0	0	
5	Falmouth ... (Observatory)	7	13	4	6	0	8.0	10	1578	-132	77	+1	1881	145	'23	38	17	19	2	3	6	0	0	13	16	1077	-30	63	-59	1871	340	'29	21	'01	0	0	
7	Holyhead ...	11	11	6	2	0	6.7	9	1443	-107	61	-3	1914	124	'25	36	22	20	4	3	2	1	0	16	29	891	+4	47	-58	1871	204	'77	40	38	'22	0	0
8	Chester ... (Sealand)	11	11	4	4	0	7.1	13	1312	-64	61	+8	1923	79	'23	34	34	19	3	4	4	0	0	10	18	699	+38	43	-18	1922	116	'25	27	'22	0	0	
10	Tynemouth ...	15	10	5	0	0	4.9	20	1162	*	35	*	1935	*	*	*	*	16	10	2	2	0	0	14	{	706	+85	38	-16	1915	112	'33	19	'22	0	0	
11	Leuchars ...	10	12	6	2	0	6.8	13	1372	-98	58	-12	1922	101	'25	46	33	22	5	3	0	0	0	4	19	719	+66	13	-45	1922	129	'31	17	'25	0	0	
12	Renfrew ...	11	12	6	1	0	7.0	9	1179	-14	50	+6	1921	60	'27	28	{	21	5	4	0	0	0	5	30	895	-44	14	-85	1921	181	'31	18	'25	0	0	
	Eskdalemuir ...	9	11	7	3	0	7.1	13	1094	-107	61	+6	1910	89	'25	31	16	23	3	2	2	0	0	13	30	1423	-6	30	-117	1910	286	'31	52	'25	0	3	
13a	Stornoway ...	10	16	3	1	0	7.7	1	1172	-43	41	-5	1881	67	'11	19	'81	8	7	13	2	0	0	13	29	1045	-221	56	-92	1870	250	'98	45	'33	0	0	
15	Aberdeen ...	10	13	7	0	0	5.9	23	1259	-70	44	-15	1881	83	'04	32	24	10	8	1	1	0	0	8	19	738	-10	41	-34	1871	164	'72	31	'04	1	5	
18	Aldergrove ..	16	7	6	1	0	7.3	9	1161	*	44	*	1927	77	'30	46	36	18	10	1	1	0	0	11	18	890	+52	18	-64	1928	135	'31	18	'34	0	0	
19	Dublin ... (Phoenix Park) Birr Castle ...	13	10	5	2	0	6.7	21	1236	-201	52	-19	1881	104	'35	36	'88	17	6	5	1	0	1	28	22	747	+45	55	-17	1865	159	'16	10	'22	0	1	
		8	14	6	2	0	6.8	9	1150	-156	52	-9	1881	95	{	09	26	17	19	5	4	2	0	0	15	18	911	+84	37	-42	1862	157	'31	21	'22	0	0
20	Valentia ... (Cahiriveen)	7	10	3	10	0	8.1	1	1247	-121	96	+33	1880	118	'09	33	17	15	3	5	4	1	2	41	17	1680	+266	143	+4	1866	310	'31	20	'79	0	0	

MINIMUM SURFACE HUMIDITY.

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

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

STATE OF GROUND AT 18 h.

No. of Days each type was recorded.

STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)	0	28	0	0	2	0	0	0	0	0	0 Dry.
Ross-on-Wye	0	30	0	0	0	0	0	0	0	0	1 Wet.
Renfrew	2	27	0	1	0	0	0	0	0	0	2 Flooded.
Eskdalemuir	5	22	0	1	2	0	0	0	0	0	3 Covered with thawing snow.
Aberdeen	0	25	0	0	5	0	0	0	0	0	4 Frozen hard and dry.
Valentia	14	16	0	0	0	0	0	0	0	0	5 Covered with ice or glazed frost.
											6 Partly covered by snow or hail.
											7 Covered with snow, less than 6 ins., but ground not frozen.
											8 Covered with snow, less than 6 ins., and ground frozen.
											9 Covered with snow, greater than 6 ins. deep.

** The extremes of rainfall and sunshine from Calshot are supplemented by those from Southampton.

† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.

PRESSURE: ICELAND TO GULF OF LIONS NOVEMBER 1937.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. are plotted consecutively and joined to show 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

Monday 1st November, 1937.

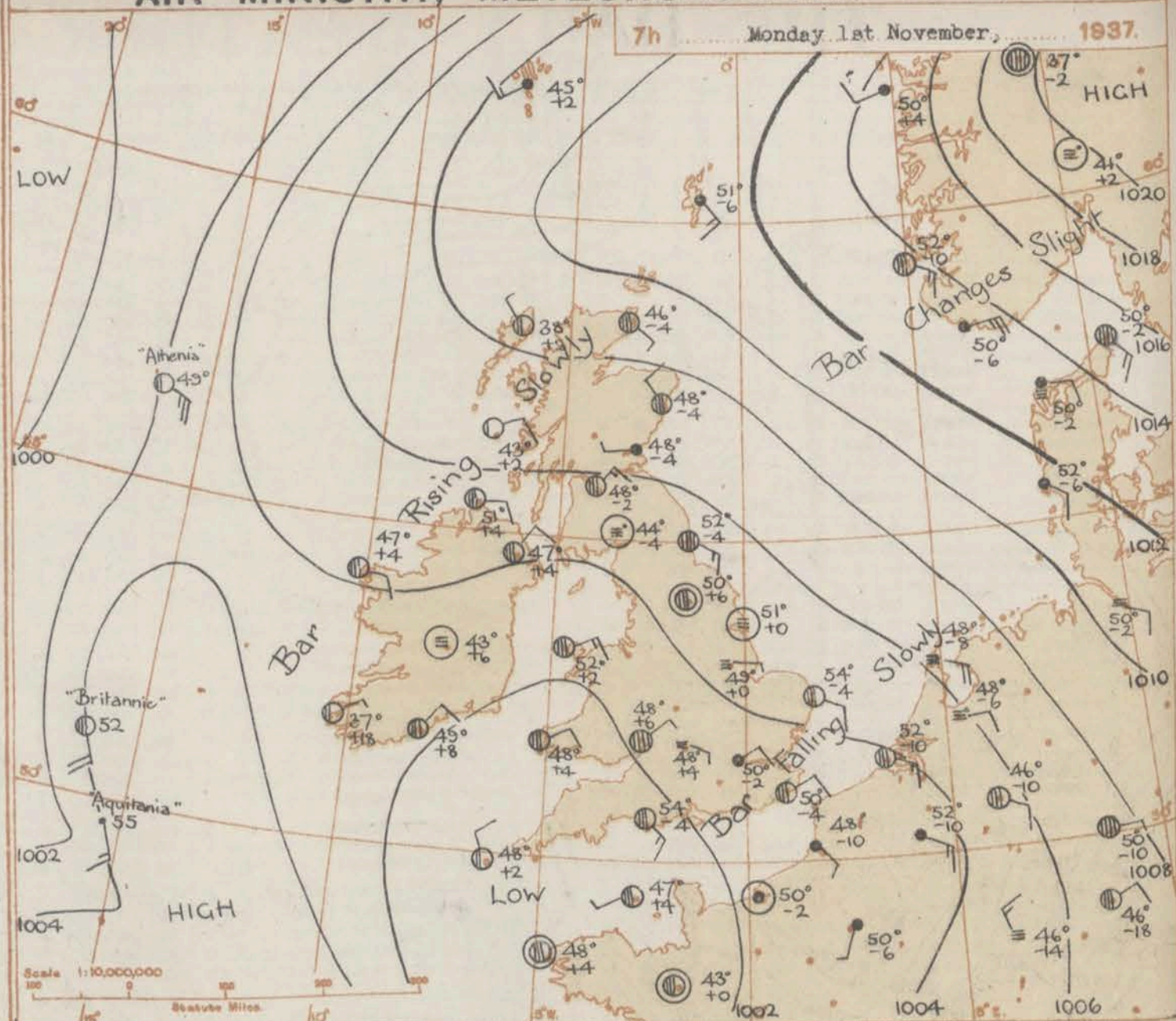
No. 27738.

STATIONS.	OBSERVATIONS at 13h. G.M.T. 31st October														OBSERVATIONS at 18h. G.M.T. 1st November														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-9	Cloud.					Height of Base (feet)	State of ground.	Sea.	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			Dir.	Force					Low	Med.	High	Low 6-10	Total 0-10				Low	Med.					High	Low 6-10	Total 0-10	Dir.	Force				Low	Med.	High	Low 6-10	Total 0-10	7h.—13h. 31st	13h.—18h. 1st	18h.—24h. 1st	24h.—7h. 1st																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
(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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		Sunshine (h)
	Forenoon.	Afternoon.	Min. 9h. to 3h. 31st.	Max. 3h. to 9h. 31st.	Night. 17h. to 5h. 31st.	Day. 9h. to 17h. 31st.	
1. Tunbridge W.	bcc	coco	43	58	0.3	-	1.5
Bournemouth	bcc	coco	44	58	-	0.5	2.5
Ventnor	orc	coco	50	61	2	2	2.2
Southsea	c	cor	49	59	4	1	1.6
Bognor Regis	bcco	cco	50	57	0.5	0.3	1.5
Littlehampton	bcc	crr	50	58	2	0.2	1.4
Worthing	bcc	crr	52	58	1	0.5	1.9
Brighton	cb	cbr	51	58	2	Trace	1.2
Eastbourne	cbcc	crr	53	59	0.3	2	2.2
Hastings	cbc	cor	53	59	1	0.3	2.4
Folkstone	cbc	bccr	54	60	-	Trace	2.4
Dover	cbc	bccr	54	61	Trace	Trace	2.6
Deal	c	cor	51	58	-	Trace	2.1
Ramsgate	bc	bccr	53	57	-	0.4	3.6
Margate	bc	bccr	51	59	-	Trace	3.5
2. Southend	cbc	bcc	51	59	Trace	-	2.3
Clacton-on-Sea	bc	bccz	53	57	-	-	2.5
Dovercourt	bc	bc	51	60	-	-	4.8
Lowestoft	cbc	bcc	50	59	-	-	0.7
Stegness	bc	bcc	47	55	-	-	2.9
Mablethorpe	bcc	cbc	59	53	-	-	2.5
Cleethorpe	cbc	cbc	39	54	0.5	-	2.2
3. Leamington S.	o	o	41	55	-	-	0.0
Cheltenham	cbc	cop	43	56	-	Trace	3.4
4. Bath	cbc	bccr	43	57	Trace	1	1.6
Weymouth	cb	er	46	58	4	2	2.0
Jersey	rcr	rbcc	53	55	1	3	0.1
Torquay	wcbc	ccrcc	42	56	0.4	5	0.6
Falmouth	ocrrc	crrcc	42	55	0.2	10	1.0
Penzance	rcbcp	cpc	44	54	5	2	1.2
St. Ives	p	p	44	55	1	5	0.0
Bude	bc	cc	38	56	0.4	0.2	3.7
Ilfracombe	cbc	bccr	46	57	-	1	3.6
6. Aberystwyth	prcbc	bcc	42	55	2	-	6.0
7. Llandudno	b	cbc	42	53	1	-	4.8
Colwyn Bay	bcc	cbcc	42	55	4	-	4.3
Rhyl	bcbcc	cc	37	54	1	-	4.3
8. Wallasey	mc	om	42	58	Trace	-	1.8
Southport	bcc	bccm	40	53	7	-	2.1
Blackpool	bcc	bccm	42	54	11	-	4.7
Mossbourne	rrbbc	bccm	45	56	2	-	2.9
9. Ilkley	fec	cc	37	50	0.1	-	1.5
Huddersfield	ofc	c	37	46	Trace	-	0.2
10. Berrick-on-T.	ofcc	ccrcc	38	49	Trace	0.3	0.8
11. Dunbar	cm	cm	41	51	Trace	-	3.9
12. Troon	cbcc	bccr	41	53	2	-	5.0
Douglas	cbwx	bccr	37	53	-	1	4.3

1 Max. Temp. for period 24h. yesterday to 17h. today. Min. Temp. 21h. to 6h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st November, 1937.
1 S.E. England	
2 E. England	Light variable winds; occasional rain at first; local fog especially at night; average temperature.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light to moderate winds, variable in direction; fair at first, rain later; average temperature.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	Light variable winds; cloudy; occasional slight rain; local fog; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A.W. Scotland & N.W. Scotland.	Light variable winds; fair; average temperature.
14 Mid Scotland	
15 N.E. Scotland	As 7 - 13A.
16 Orkney and Shetland	
17 N.W. Ireland	As 13B.
18 N.E. Ireland	As 7 - 13A.
19 S.E. Ireland	Light variable winds becoming easterly; fair at first, rain later; average temperature.
20 S.W. Ireland	



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

GENERAL INFERENCE.

Shallow depressions to the west and southwest of the British Isles are moving east. In Northwest Scotland and Northwest Ireland conditions will be fair. Elsewhere there will be rain with local mist or fog. Temperature will remain about average.

FURTHER OUTLOOK.

Generally unsettled.

Forecasts issued at 1025 G.M.T.

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

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

1937.

HIGH

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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 1st November, 1937.

No. 27738

OBSERVATIONS at 1 hr. G.M.T. 1st November															OBSERVATIONS at 7 hr. G.M.T. 1st November															PAST 24 HOURS.								
DISTRICT	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. miles.	Cloud.			Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. miles.	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUR- FACIAL WIND.						
					Dir.	Force.					Form.	Amount.	Height of Base (feet).			Dir.	Force.					Form.	Amount.	Height of Base (feet).			Max. Day 7h-10h "°F."	Min. Night 10h-7h "°F."	Min. on Grass "°F."	Day 7h-10h upr.	Night 10h-7h mm.							
																																	(1)	(2)	(3)	(4)	(5)	(6)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1002.7	+2	NE	2	Cf	51	97	3	5	-	-	10	10	800	1	*	58	48	41	0.1	5	07				
	Croydon	217	1003.5	-10	SSE	3	c	50	92	7	5	-	1002.5	-2	ENE	1	ir	50	97	4	5	-	-	10	10	450	1	*	59	43	44	1	7	1.5				
	S. Farnborough	228	*	*	*	*	*	*	*	*	*	*	1002.3	0	EHE	1	r/f	47	97	4	-	7	-	0	10	-	1	*	57	44	41	0.4	0.5	1.2				
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	1001.8	+2	ENE	2	Z	47	97	6	5	2	-	4-6	10	2500	1	*	56	46	44	1	6	1.0				
	Calshot (Stamtn.)	8	*	*	*	*	*	*	*	*	*	*	1002.1	-4	NNE	2	C/pr	52	97	8	5	7	-	7-8	10	2500	1	1	57	51	47	0.6	8	1.3				
	Lymington	340	1004.6	-1.6	SE	2	c	53	92	7	5	-	1003.1	-4	NNE	2	C	50	92	6	5	7	-	7-8	10	1500	1	51	57	48	46	Tr	Tr	2.5				
	Manston	142	1004.5	-2	SSE	2	bc	51	97	7	5	-	1003.0	-4	-	0	Z	52	97	3	5	7	-	4-6	10	2500	1	*	58	49	45	3	0.1	3.2				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1003.5	-2	ES	2	C	53	97	6	8	-	2	7-8	10	2500	1	*	58	51	46	Tr	1	2.5				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	1003.7	0	ENE	1	ir	53	97	6	5	2	-	9+	10	1500	1	2	59	51	46	-	4	2.5				
	Gorleston	5	1005.5	-10	SE	3	bc	54	97	7	-	3	-	1004.1	-4	ESE	2	C	54	92	6	8	-	9+	10	2500	1	2	57	52	51	1	1.5					
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	1003.4	-2	E'N	2	Z	49	97	6	5	7	-	4-6	10	4000	1	*	60	45	41	Tr	3	1.5				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	1004.4	0	ES	1	F+	49	97	1	-	-	-	10	10	4150	1	*	56	49	47	Tr	3	1.0				
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1003.4	+4	ESE	1	F+	48	97	1	-	-	-	10	10	4150	1	*	54	48	45	-	3	0.2				
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	1003.5	+8	E'N	2	F+	45	97	1	-	-	-	10	10	4150	1	*	55	45	41	0.4	2	-				
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1002.7	+6	NE	1	Z	48	97	6	5	-	-	10	10	800	1	*	55	46	39	1	3	1.2				
5	Bristol	209	*	*	*	*	*	*	*	*	*	*	1002.2	+6	SE	1	Cf	48	97	3	5	-	-	10	10	450	1	*	58	43	38	0.4	4	1.8				
	Portland Bill	32	1000.7	-10	S	3	c	54	85	8	4	-	7-8	7-8	2500	1000.3	-4	SE	3	C	54	85	8	4	-	9	9	2500	1	3	57	52	-	2	0.6			
	Plymouth	82	1000.6	-4	NW	1	c	48	92	8	4	-	7-8	7-8	2500	1000.6	+4	-	0	C	44	97	8	8	3	-	4-6	7-8	2500	1	1	54	43	39	7	3	0.2	
	The Lizard	240	1000.8	-6	NW	0	b	47	97	8	-	-	0	0	-	1000.7	+2	NW	2	C	51	85	8	3	1	-	7-8	9	2500	1	2	55	46	-	5	0.2		
	Scilly (St. Mary's)	183	1000.8	-6	-	0	b	47	97	8	-	-	0	0	-	1001.2	+2	NW'N	2	bc	48	92	9	2	4	-	2.3	2.3	2500	1	2	54	46	-	1	0.2		
	Guernsey	175	1001.0	-14	SSE	1	C/pr	52	85	9	8	-	10	10	2500	1001.9	+4	WSW	1	C	47	97	9	8	1	-	7-8	9	2500	1	1	55	46	42	9	3	0.0	
6	Pembroke	142	1001.0	-2	E'N	3	c	50	97	8	8	-	7-8	7-8	1500	1001.7	+4	ENE	2	C	48	97	7	5	7	-	4-6	7-8	2500	1	2	55	47	-	0.1	3	4.4	
7	Holyhead	26	1002.8	-14	E'N	4	r/o	51	92	5	-	2	-	10	10	1500	1002.1	+2	ENE	3	C	52	85	7	6	2	-	4-6	10	800	1	1	55	49	46	-	4	8.4
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	1002.8	+6	ESE	3	Z	49	97	5	5	-	-	10	10	2500	1	*	51	48	44	-	2	0.2				
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	1003.4	+8	E'S	2	Z	50	92	5	5	7	-	7-8	10	1500	1	*	55	47	43	Tr	3	0.3				
10	Spurn Head	29	1004.8	-16	SE'S	3	c	53	97	6	5	2	-	7-8	10	2500	1004.1	0	-	0	Cf+	51	97	1	5	-	-	10	10	4150	1	1	55	51	-	0.2	7	2.0
	Catterick	175	*	*	*	*	*	*	*	*	*	*	1004.1	+6	-	0	Z	50	97	6	5	2	-	9+	10	1500	1	*	48	47	45	-	2	0.3				
	Tynemouth	108	1006.6	-14	NE	2	rf	51	97	3	6	-	10	10	800	1005.0	-4	ESE	3	9r	52	97	6	6	-	-	10	10	800	1	2	52	50	46	0.1	11	2.4	
11	St. Abbs Head	280	1007.9	-12	ESE	1	C/r	50	92	7	8	6	8	7-8	9	2500	1006.6	-12	ESE	1	F/r	51	97	1	-	-	-	10	10	4150	1	*	51	49	-	1	9	-
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	1006.2	-4	W	1	r/o	48	97	6	5	-	-	10	10	800	1	*	55	44	40	-	1	5.3				
12	Reirfew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	1006.3	-4	-	0	33	44	97	4	5	-	-	10	10	1500	1	*	48	36	30	-	-	1.5				
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	1004.8	-2	NNE	3	C	48	92	6	5	-	-	10	10	450	1	*	49	43	41	0.1	0.6	3.8				
	Point of Ayre	30	1005.3	-10	E	3	bc	52	92	7	5	-	-	4-6	4-6	800	1003.6	0	E	4	rr	51	97	7	6	2	-	4-6	10	1500	1	3	53	50	-	-	3	1.6
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	1006.7	+2	ENE	2	b	43	92	8	-	3	-	0	Tr	-	0	1	53	40	31	-	-	Tr	6.4			
13B	Stornoway	80	1005.1	-8	ESE	2	bc	47	75	8	5	-	-	2.3	2.3	4000	1008.8	+2	NW	1	bc	38	97	8	5	-	-	2.3	2.3	4000	0	1	52	37	-	-	-	7.2
16	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	37	97	7	5	6	-	4-6	9+	2500	0	*	49	32	25	-	-	-	4.1			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	1007.4	-4	NW	2	C/r	45	97	6	6	2	-	9	10	1500	1	2	53	44	41	-	-	4	3.5			
	Wick	81	1009.9	-4	S	3	pr	50	75	8	8	2	-	7-8	10	1500	1008.1	-4	SE	1	C	46	92	7	5	2	-	7-8	10	1500	1	1	52	45	-	-	4	-
18	Lerwick	156	1012.4	-4	SSE	2	bc	49	92	8	5	-	-	4-6	4-6	1500	1010.3	-6	SE	3	r/o	51	97	6	2	-	9	10	450	1	*	53	45	-	-	Tr	2.3	
17	Blackod Point	18	1003.9	-6	-	0	bc	48	85	8	4	-	-	2.3	2.3	1500	1004.7	+4	E	2	C	47	92	8	4	-	-	7-8	7-8	1500	0	3	50	43	-	-	-	-
18	Malin Head	84	1003.2	-10	ENE	2	c	50	97	7	8	-	-	7-8	7-8	800	1004.9	+4	E	2	C	51	97	6	8	-	6	4-6	9	800	0	2	50	46	-	-	-	6.4
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	1004.4	+4	NNE	2	C	47	92	7	5	7	-	9	9+	2500	1	*	51	42	38	-	-	Tr	6.8			
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	1003.8	+6	-	0	Cf	43	97	3	3	-	-	10	10	2500	1	*	54	36	-	-	-	-	8.1			
20	Valentia Obay.†	30	1002.7	+2	-	0	bc	46	97	8	5	-	-	4-6	4-6	1500	1004.3	+18	NE	1	bc	37	97	9	7	-	-	4-6	4-6	4000	1	2	54	36	31	0.4	Tr	1.6
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	1002.9	+8	NNE	2	C	49	97	8	8	-	-	9+	9+	1500	1	2	54	46	-	-	6	1	-			

[illegible]

THE DAILY WEATHER REPORT

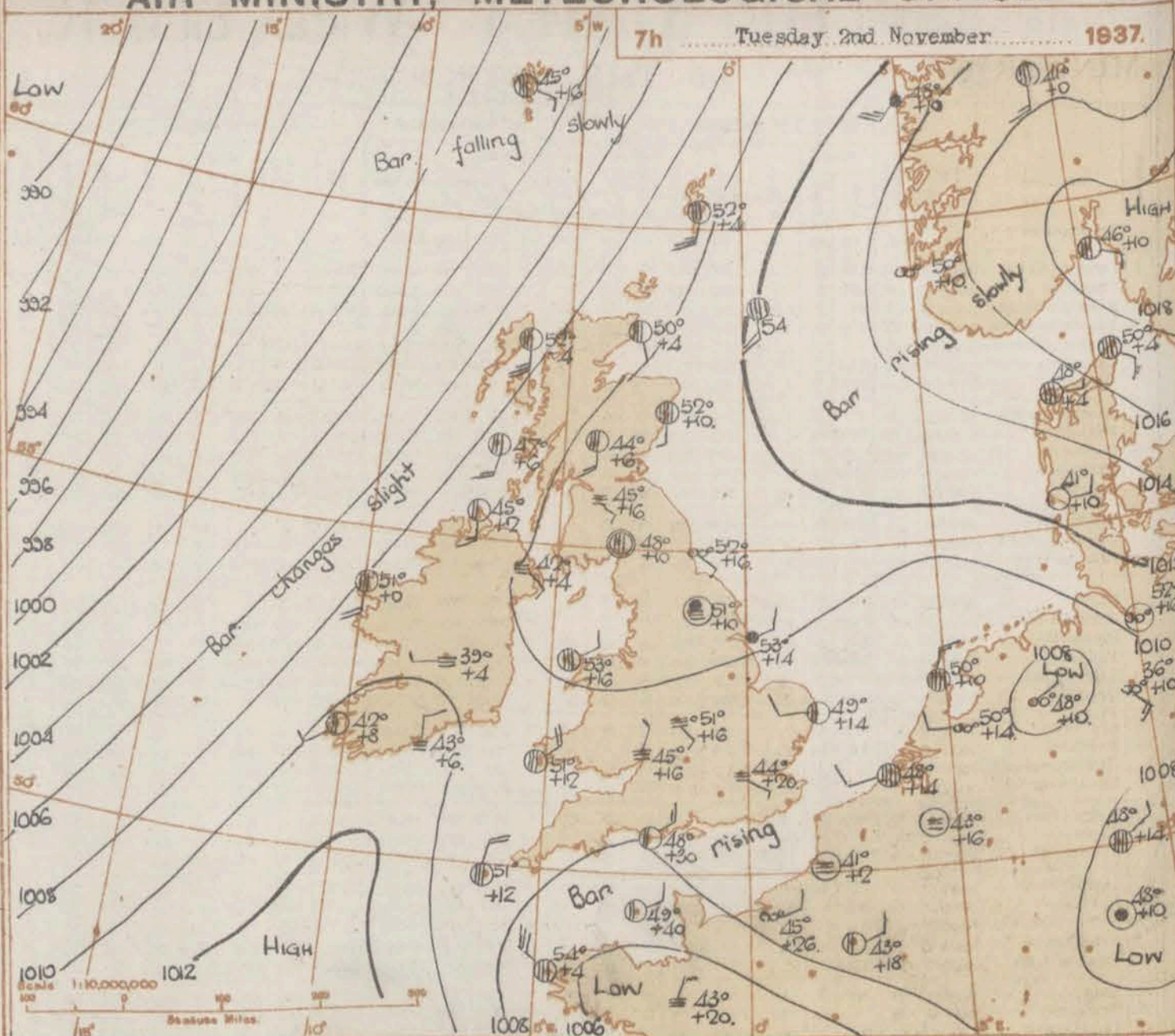
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 2nd November, 1937.
No. 27739.

Dist.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 1st November													OBSERVATIONS at 18h. G.M.T. 1st November													PAST 24 HOURS.																				
		Barom. at m.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.			Height of Base (feet)		Barom. at m.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visib.	Cloud.			Height of Base (feet)		Sea.	WEATHER.																			
				Dir.	Force					Form.	Amount.	Height of Base (feet)					Dir.	Force					Form.	Amount.	Height of Base (feet)					7h.—18h. 1st	18h.—18h. 1st	18h.—1st 2nd	1st—7h. 2nd															
(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)															
1	London (Kew)	1000.8	-1.3	NW	2	rr	53	92	4	2	-	10	10	800	999.5	-4	NE	3	ir	53	92	5	6	2	-	10	10	800	1	*	offrr	offrr	offrr	offrr														
	Croydon	1000.9	-1.4	NNE	2	rr	52	97	3	2	-	10	10	220	999.3	-2	SE	3	ir	51	97	4	6	2	-	10	10	800	1	*	offrr	offrr	offrr	offrr														
	S. Farnborough	1000.8	-1.4	N	2	rr	52	97	3	2	-	10	10	800	999.4	-10	W	1	rr	51	97	5	6	2	-	10	10	450	2	*	offrr	offrr	offrr	offrr														
	Boscombe Down	1001.7	-6	NNE	2	rr	50	92	5	2	-	10	10	800	1001.5	0	NW	3	ir	43	97	5	6	2	-	10	10	450	1	*	offrr	offrr	offrr	offrr														
	Calshot (Stmnt.)	1001.9	-4	-	0	rr	52	97	0	1	-	4	6	1500	1001.7	+2	W	2	rr	48	97	5	6	2	-	10	10	300	1	1	offrr	offrr	offrr	offrr														
	Lympe	1000.9	-1.5	SW	2	rr	52	97	2	1	-	10	10	1500	1001.6	+10	SW	2	rr	48	97	5	6	2	-	10	10	4000	1	3	offrr	offrr	offrr	offrr														
	Manston	999.8	-2.0	ESE	2	rr	52	97	5	2	-	10	10	450	1001.2	+12	SW	3	bc	49	92	7	5	-	-	4	6	2500	1	*	offrr	offrr	offrr	offrr														
2	Shosbury	1000.2	-1.8	E	3	rr	54	97	6	2	-	10	10	800	1000.3	+16	SW	3	bc	52	92	7	4	-	-	4	6	4000	1	*	offrr	offrr	offrr	offrr														
	Felixstowe	1000.8	-1.5	ENE	4	rr	55	97	5	2	-	10	10	800	1001.3	+10	ESE	3	ir	53	97	6	6	7	-	10	10	800	1	2	offrr	offrr	offrr	offrr														
	Gorleston	1002.4	-10	NE	3	rr	55	92	6	1	-	10	10	1500	1002.4	+10	NE	5	ir	55	92	6	6	-	-	10	10	1500	1	3	offrr	offrr	offrr	offrr														
	Mildenhall	1001.4	-16	NNE	3	rr	54	97	5	2	-	10	10	1500	1001.4	+6	NE	4	ir	53	97	5	6	2	-	10	10	450	1	*	offrr	offrr	offrr	offrr														
	Cranwell	1003.7	-6	NNE	2	rr	53	97	5	2	-	10	10	800	1004.0	+4	NE	3	rr	53	97	5	6	2	-	10	10	800	1	*	offrr	offrr	offrr	offrr														
3	Birmingham	1003.8	-2	NNE	2	rr	49	92	4	5	-	10	10	450	1004.2	0	N	2	ir	50	92	5	6	-	-	10	10	800	1	*	offrr	offrr	offrr	offrr														
	Upper Heyford	1002.8	-3	N	2	rr	50	97	4	5	-	10	10	220	1001.8	-6	NW	4	ir	51	97	4	6	2	-	10	10	800	1	*	offrr	offrr	offrr	offrr														
	Rose-on-Wye	1002.7	-4	N	2	rr	51	92	6	5	-	10	10	800	1003.3	+6	NW	2	ir	51	92	5	5	-	-	10	10	1500	1	*	offrr	offrr	offrr	offrr														
5	Bristol	1002.8	0	NE	2	rr	51	97	4	5	-	10	10	800	1003.2	+4	N	3	ir	51	92	6	6	2	-	10	10	800	1	*	offrr	offrr	offrr	offrr														
	Portland Bill	1000.7	+4	ENE	3	rr	54	85	7	3	-	10	10	1500	1001.9	+10	NW	3	ir	53	85	7	5	-	-	10	10	1500	1	3	offrr	offrr	offrr	offrr														
	Plymouth	1001.3	0	NW	3	rr	52	85	8	4	-	4	6	2500	1003.8	+20	NW	3	ir	53	85	6	8	-	-	2	3	2500	1	1	offrr	offrr	offrr	offrr														
	The Lizard	1001.7	0	NNW	3	rr	55	92	8	6	-	4	6	2500	1004.2	+20	NNW	3	ir	49	97	8	8	4	-	2	3	2500	1	2	offrr	offrr	offrr	offrr														
	Scilly (St. Mary's)	1002.3	0	NNW	3	rr	55	92	8	8	-	4	6	2500	1006.6	+20	NNW	3	ir	52	92	8	5	-	-	4	6	4000	1	2	offrr	offrr	offrr	offrr														
	Guernsey	1000.9	-2	SW	1	rr	55	92	9	2	-	4	6	2500	1002.2	+12	dd	52	85	7	5	-	-	10	10	2500	1	2	offrr	offrr	offrr	offrr																
6	Pembroke	1003.0	0	WN	1	rr	54	85	7	5	-	7	8	2500	1004.6	+10	NNE	3	ir	50	92	7	5	2	-	4	6	4000	1	1	offrr	offrr	offrr	offrr														
7	Holyhead	1003.1	-2	NE	3	rr	54	85	7	7	-	10	10	1500	1005.5	+18	NNE	3	ir	52	85	7	5	-	-	4	6	2500	1	2	offrr	offrr	offrr	offrr														
	Chester (Sealand)	1009.0	+2	S	1	rr	52	85	6	5	-	10	10	1500	1005.8	+18	NW	1	ir	47	92	4	5	7	8	0	4	6	1	*	offrr	offrr	offrr	offrr														
	Manchester	1003.6	-6	W	1	rr	52	85	4	5	-	4	6	2500	1004.3	+12	NE	1	ir	49	92	4	5	3	-	4	6	2500	1	*	offrr	offrr	offrr	offrr														
10	Spurn Head	1009.3	-4	NNE	2	rr	55	97	5	2	-	7	8	1500	1004.4	+4	EN	3	ir	54	97	6	5	-	-	10	10	800	1	2	offrr	offrr	offrr	offrr														
	Catterick	1009.3	+4	-	0	rr	55	85	7	3	-	10	10	2500	1006.0	+14	NW	1	ir	50	97	4	5	-	-	10	10	4000	0	1	offrr	offrr	offrr	offrr														
	Tynemouth	1005.1	+4	SE	1	rr	52	85	3	5	-	10	10	1500	1005.6	+12	N	2	ir	52	97	3	5	-	-	10	10	800	1	1	offrr	offrr	offrr	offrr														
11	St. Abbs Head	1005.7	-2	ESE	2	rr	52	97	4	5	-	4	6	800	1007.2	+12	-	0	ir	61	97	4	5	2	-	10	10	450	1	2	offrr	offrr	offrr	offrr														
	Leuchars	1005.7	-4	NE	1	rr	52	97	4	5	-	10	10	450	1007.3	+10	NNE	1	ir	52	97	4	5	-	-	10	10	220	1	*	offrr	offrr	offrr	offrr														
12	Renfrew (Abbots L.)	1005.7	-6	-	0	rr	49	97	5	5	-	10	10	1500	1007.6	+16	-	0	ir	50	97	5	5	-	-	10	10	1500	1	*	offrr	offrr	offrr	offrr														
	Eskdalemuir	1004.6	-2	E	1	rr	54	85	8	8	-	7	8	2500	1007.1	+18	NNE	2	ir	48	92	7	5	-	-	10	10	1500	1	*	offrr	offrr	offrr	offrr														
	Point of Ayre	1004.1	0	SE	1	rr	55	85	7	8	-	7	8	1500	1006.3	+14	NE	1	ir	51	97	8	5	4	-	0	2	3	1	1	offrr	offrr	offrr	offrr														
13	Tiree	1006.4	+4	NE	2	rr	51	75	8	4	-	0	Tr	-	1007.4	+12	NE	1	ir	48	85	8	-	-	8	0	Tr	0	1	offrr	offrr	offrr	offrr															
13	Stornoway	1007.6	-4	-	0	rr	52	75	8	5	-	1	1	4000	1008.1	+4	WNW	1	ir	45	85	8	4	6	-	Tr	2	3	4000	1	0	offrr	offrr	offrr	offrr													
15	Dalwhinnie	-	-10	NE	1	rr	44	92	7	5	-	4	6	1500	-	+14	-	0	ir	43	92	6	5	-	-	10	10	1500	1	*	offrr	offrr	offrr	offrr														
	Aberdeen	1006.7	-4	-	0	rr	50	97	3	5	-	10	10	450	1008.5	+14	-	0	ir	51	97	3	5	-	-	10	10	450	1	1	offrr	offrr	offrr	offrr														
	Wick	1007.3	-4	WNW	1	rr	51	97	5	2	-	7	8	1500	1007.7	+6	W	1	ir	50	97	5	5	2	-	10	10	800	1	1	offrr	offrr	offrr	offrr														
16	Ferriby	1009.2	-6	S	4	rr	51	97	7	8	-	7	8	800	1008.6	+2	S	4	ir	51	97	6	5	2	-	10	10	800	1	*	offrr	offrr	offrr	offrr														
17	Blackod Point	1005.3	0	E	2	rr	52	85	7	-	-	0	0	-	1007.9	+14	SW	2	ir	47	92	7	5	-	-	4	6	800	0	3	offrr	offrr	offrr	offrr														
18	Malin Head	1005.2	-2	NE	1	rr	53	92	6	7	-	4	6	1500	1007.0	+8	ESE	1	ir	48	97	7	8	-	-	10	10	1500	0	1	offrr	offrr	offrr	offrr														
	Aldergrove	1005.0	-2	NE	2	rr	53	95	6	5	-	7	8	1500	1007.2	+20	NE	1	ir	51	85	6	5	-	-	10	10	1500	1	*	offrr	offrr	offrr	offrr														
19	Birr Castle	1004.8	0	NNE	1	rr	49	97	7	5	-	10	10	2500	1006.8	+20	WNW	1	ir	50	92	7	5	-	-	10	10	1500	1	*	offrr	offrr	offrr	offrr														
20	Valentia Obsy.	1006.1	+6	NNW	3	rr	55</																																									

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE (hrs.)
		Fore-noon.	After-noon.	Min. 9h. to 12h.	Max. 12h. to 5h.	Night. 12h. to 1h.	Day. 1h. to 12h.	
1	Tunbridge W.	orr	oro	45	52	5	13	0.0
	Bournemouth	oor	r	50	52	12	4	0.0
	Ventnor	our	or	51	53	7	9	0.0
	Southsea	orr	orr	52	53	7	12	0.0
	Bognor Regis	orr	orr	52	52	5	13	0.0
	Littlehampton	or	or	51	52	8	15	0.0
	Worthing	orr	orr	51	52	15	18	0.0
	Brighton	rr	rr	51	54	4	17	0.0
	Eastbourne	rr	rr	53	56	7	9	0.0
	Hastings	orr	orr	53	56	2	9	0.0
	Folkestone	omrr	orc	51	54	0.3	7	0.0
	Dover	ro	orc	53	55	Tr	13	0.0
2	Deal	pr	rpp	53	56	1	7	0.0
	Ramsgate	er	rorc	52	56	3	9	0.0
	Margate	er	er	52	55	4	10	0.0
	Southend	or	or	51	56	1	22	0.0
	Clacton-on-Sea	orm	orc	52	55	4	19	0.0
	Dovercourt	roc	orc	51	55	5	10	0.0
	Lowestoft	cor	cr	52	55	1	3	0.0
	Skewness	roc	corrc	50	54	3	3	0.2
	Mablethorpe	cfebc	orm	48	54	8	3	0.0
	Cleethorpe	cr	bcc	48	54	6	1	0.4
	Leamington S.	o	od	47	52	3	0.3	0.0
	Cheltenham	mgo	comg	48	53	3	0.3	0.1
3	Bath	cd	cir	47	53	10	Tr	0.0
	Weymouth	c	cip	46	54	3	Tr	0.0
	Jersey	rcbc	pcbc	50	56	0.1	0.1	1.0
	Torquay	bcc	bcc	44	54	5	1	1.1
	Falmouth	b	b	43	53	1	1	4.7
	Penzance	circc	cbeip	41	56	1	0.5	1.3
	St. Ives	pr	pr	46	56	Tr	4	0.0
	Bude	bc	bc	45	57	0.2	1	5.4
	Ilfracombe	pcbc	bcbcc	45	54	1	1	2.7
	Aberystwyth	prbc	bc	47	57	5	1	6.2
	Llandudno	mcbc	bcbm	46	55	4	1	3.6
	Colwyn Bay	bcbe	bcbcc	46	57	4	1	2.3
4	Rhyl	cbe	bcm	43	52	12	1	3.7
	Wallaasey	me	sof	45	52	Tr	1	0.0
	Southport	zcbez	bcbcc	43	53	1	1	1.7
	Blackpool	bcmc	cmbbm	46	54	4	1	0.8
	Morecambe	rmbe	bcbm	46	54	5	1	3.7
	Ilkley	oc	bc	41	56	6	1	1.1
	Harrogate	foe	bcc	38	53	6	1	0.9
	Berwick-on-T.	oc	cmfo	40	53	10	1	0.0
	Dunbar	cmfo	of	42	54	6	0.3	0.2
	Troon	pfoccc	cbccf	37	52	0.3	1	0.3
	Douglas	em	cbmo	44	53	1	1	3.1



Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h. to 1h.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd November, 1937.
1 S.E. England	
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotland B.N.W. Scotland	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

Light variable winds; mainly dry; fog persisting 'n popular area and becoming general at night; temperatures average or rather high.

Light southerly or southwesterly winds, freshening to strong or gale locally: mainly cloudy, occasional rain later; rather mild.

Light variable winds becoming moderate southwest later, becoming cloudy, fog at times, occasional local rain later; rather mild.

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

GENERAL INFERENCE.

A ridge of high pressure covers the British Isles and a deep depression over Mid-Atlantic will move rapidly northeast. Fog will persist near the industrial areas of England and Wales but winds will become fresh or strong in the north. Temperatures will be variable being about the average in foggy places but higher in country districts.

FURTHER OUTLOOK.

Fog likely to persist in the east.

Forecasts issued at 1015 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

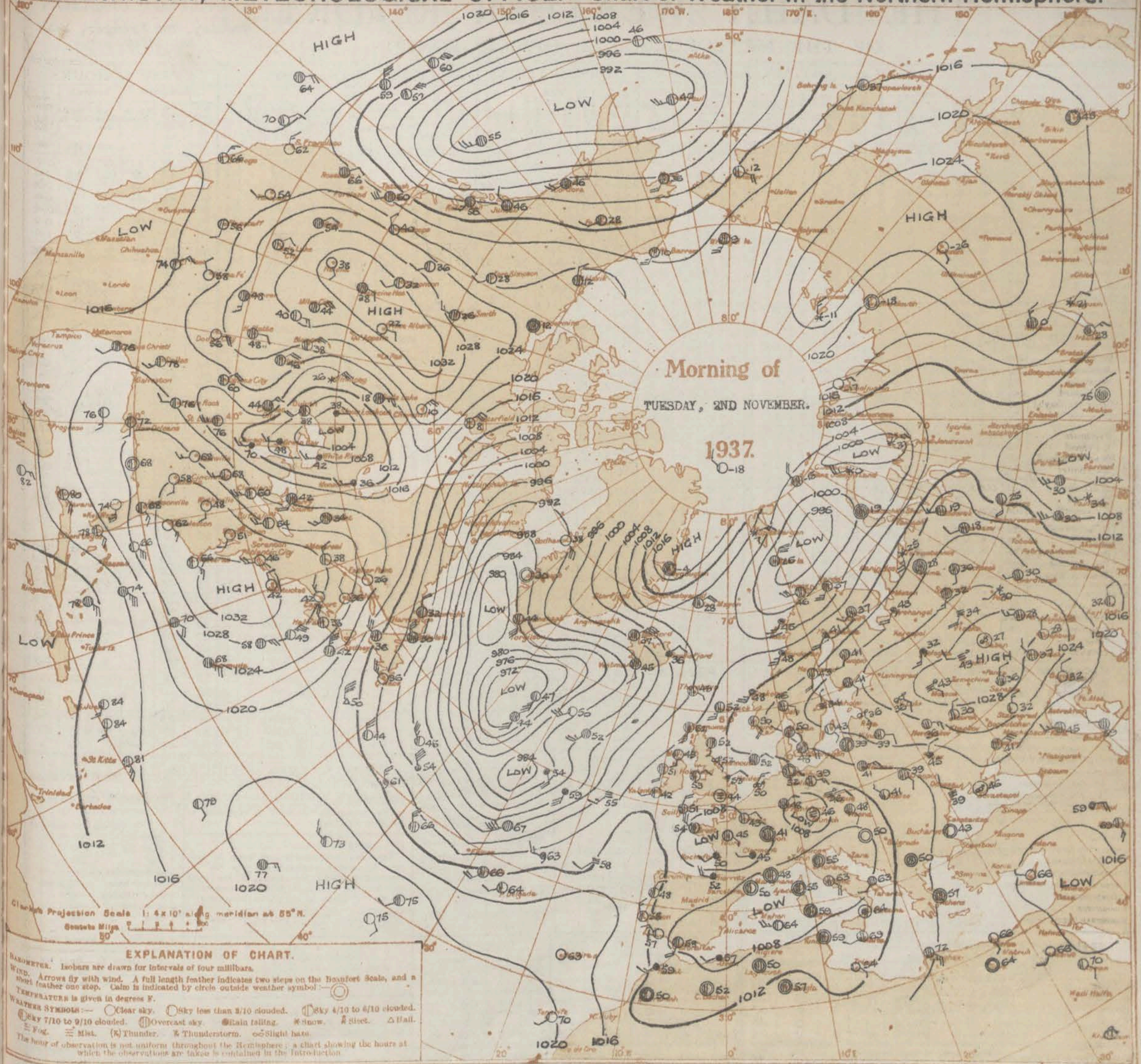
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

637.

High
46° 40'
1018
50° 44'
1016
1014
1012
52° 40'
1010
36° 40'
1008
48° 40'
1006
48° 40'
Low

h
11
nds
atures
y

Sc., F.R.S.
Director.



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: — Clear sky. ☁ Sky less than 2/10 clouded. ☁ Sky 4/10 to 6/10 clouded. ☁ Sky 7/10 to 9/10 clouded. ☁ Overcast sky. ☁ Rain falling. ☁ Snow. ☁ Sleet. ☁ Fog. ☁ Mist. (K) Thunder. ☁ Thunderstorm. ☁ Slight haze.
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 2nd November, 1937.

No. 27739.

OBSERVATIONS at 1 hr. G.M.T. 2nd November														OBSERVATIONS at 7 hr. G.M.T. 2nd November														PAST 24 HOURS															
DISTRICT	STATION	Height above M.S.L. in feet	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Force (4)	Weather (5)	Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours (16)	Wind. Direc. (17)	Force (18)	Weather (19)	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.			Height of Base (feet) (28)	State of Ground (29)	Sea. 0-9 (30)	TEMPERATURE			RAINFALL		SUR- FACE WIND										
											Form.											Form.							MAX. Day 7h-18h °F. (31)	MIN. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h in. (34)	Night 18h-7h in. (35)										
											Low	Med.	High									Low	Med.	High	Low	Total																	
1	London (Kew)	18												1003.8	+20	0	F	46	37	1					10	10	4150	1		54	45	37	4.4	Tr	0.0								
	Croydon	217	1005.5	+20	ENE	2	bF	45	97	1				1002.7	+20	SEE	1	F	44	97	0				10	10	4150	1		53	43	37	23	0.3	0.0								
	S. Farnborough	228												1010.0	+24		0	F	49	97	1				10	10	4150	2		52	45	44	17	0.2	0.0								
	Boscombe Down	417												1005.5	+20	ENE	2	f	45	97	2				10	10	4150	1		51	45	42	4	2	0.0								
	Calshot (Stamtn.)	8												1003.1	+18	N	3	Z	46	97	6	5			34	34	800	1	3	53	45	43	16	5	0.0								
	Lymington	340	1005.9	+18	ESE	2	b	46	92	8	5			1002.1	+14	NE	2	4	41	97	1	8			1	1	2500	1	3	52	53	55	7	0.1	0.0								
	Manston	142	1005.6	+16	HG	0	b	40	55	8				1003.8	+22		0	m	39	97	4	5	3		4-6	7.5	2500	1		54	36	51	10	0.1	0.0								
2	Shoeburyness	11												1003.4	+22	NW	2	c	41	97	4	5	4		2-3	7.5	4000	1		55	39	33	2		0.0								
	Felixstowe	15												1003.1	+14	WNW	2	b	43	97	2	5	4		4-6	4-6	2500	1	1	55	43	37	1	0.1	0.0								
	Gorleston	5	1005.8	+10	SWW	1	f	55	97	3	5			1008.7	+14	W	2	b	43	97	5	5	3		2-3	4-6	2500	1	2	55	48	47	4	0.3	0.0								
	Mildenhall	19												1003.7	+20	SWW	2	F	40	97	1				10	10	4150	1		55	39	36	0	2	0.0								
	Cranwell	240												1003.9	+20	NE	2	m	52	97	4	5			34	34	4000	1		54	51	50	3	1	0.0								
3	Birmingham	535												1009.7	+16	SE	1	m	51	97	4	6			10	10	800	1		51	50	49	0.1	2	0.0								
	Upper Hayford	408												1010.8	+30	NNE	1	F	41	97	1				10	10	4150	1		51	41	43	2	3									
	Rose-on-Wye	223												1010.3	+18	NNE	1	C	45	97	3	5			34	34	800	1		52	45	40	Tr	2	0.0								
5	Bristol	209												1010.0	+34	ENE	1	Z	46	97	0	5			10	10	800	1		54	45	40	Tr	2	0.1								
	Portland Bill	32	1002.1	+14	NNE	4	bc	52	92	7	4			1003.0	+30	NE	3	bc	48	92	7	5			4-6	4-6	2500	1	3	55	47		1	3									
	Plymouth	82												1008.9	+28		0	C	52	85	7	5	3		7-8	9	2500	1	0	57	49	42			1.6								
	The Lizard	240	1006.0	+2	NW	4	bc	49	92	8	4			1008.5	+16	NW	2	C	53	92	7	8	2		3	10	1500	1	2	58	46		0.1	0.1	2.3								
	Selly (St. Mary's)	183	1007.8	+6	NW	4	bc	52	92	6	5			1009.6	+12	NE	4	C	51	97	7	8			7-8	7-8	2500	1	3	56	51			Tr	3.7								
	Guernsey	175	1002.0	-12	NNW	3	rr	53	97	5	5			1007.3	+40	ENE	2	bc	49	85	9	8			2-3	2-3	2500	1	2	56	49	43	0.1	2.4	1.2								
6	Pembroke	142	1007.0	+4	NE	3	g	51	92	7	5			1009.4	+12	NE	4	C	51	92	7	6	7		4-6	7.8	2500	1	1	57	49			Tr	4.0								
7	Holyhead	26	1007.7	+8	NE	3	b	53	92	7				1010.3	+16	NE	2	C	53	92	6	5			34	34	2500	1	1	55	51	45		0.1	3.0								
	Chester (Sealand)	16												1010.8	+20	WNW	2	C	46	97	2	5			2-3	2-3	2500	1		53	45	42		0.5	0.0								
	Manchester	70												1010.7	+20	N	1	Z	53	85	5	5			10	10	1500	1		54	47	43			0.2								
10	Spurn Head	29	1005.8	+20	EN	3	id	53	97	6	5			1010.0	+14	ENE	2	d	53	97	4	5			10	10	450	1	1	55	52		2	0.5	0.4								
	Catterick	175												1011.2	+10		0	d	51	97	3	6			10	10	450	1		56	50	50		0.4	0.6								
	Tynemouth	108	1009.1	+10	NE	2	o	51	97	6	5			1011.0	+16	SE	1	Z	52	97	5	5			10	10	800	1	1	54	51	42			0.5								
11	St. Abb's Head	280	1010.5	+4		0	of	51	97	3	5			1011.1	+12		3	C	51	97	5	5	2		7-8	10	800	1	2	53	50		0.2	Tr									
	Leuchars	36												1010.7	+10		0	F	49	97	1				10	10	4150	1		53	49	46	3	Tr	0.0								
12	Banfrew (Abbots)	19												1011.1	+16	SE	1	of	45	97	2	5			10	10	450	1		52	44	37	0.5	Tr	0.0								
	Blackdale Moor	794												1011.1	+10		0	C	48	97	6	5			10	10	1500	1		55	44	39			1.8								
	Point of Ayre	30	1007.5	+8	NEE	1	bc	50	97	7	5			1010.5	+10		0	C	50	97	7				10	10	800	1	1	58	43		0.2		3.0								
13A	Tiree	22												1008.4	+6	SSW	3	C	47	92	7	2	5	8	1	9	2500	0	2	52	40	30		Tr	7.9								
13B	Stornoway	80	1006.0	0		0	b	40	97	7				1007.1	-4	S	5	C	52	85	7	5	7		7-8	9	4000	1	3	54	38				7.7								
15	Dalwhinnie	1170												1010.9	+6	S	3	C	44	92	7	4	5	1	2-3	7.8	4000	1		44	43	33	1	Tr	0.0								
	Aberdeen	79												1011.1	+10	S	1	o	52	97	5	5			10	10	1500	1	1	52	50	48	2	0.1	0.0								
	Wick	81	1005.6	+4	SE	2	o	51	97	6	5			1008.9	+4	SSE	2	C	50	97	6	5	7		3	94	800	1	1	52	46												
16	Lerwick	156	1005.8	+4	SW	4	off	51	97	6	5			1008.8	+4	SSW	5	C	52	97	6	8	7		7-8	10	800	1		52	51		6	0.2	0.0								
17	Blackad Point	18	1005.0	0	3	4	bc	30	92	7	9			1008.0	0	S	4	C	51	92	8	9			7-8	7-8	1500	1	3	53	45			Tr	3.1								
18	Malin Head	84	1007.5	+4	SW	1	Z	43	97	6				1007.7	+2	S	2	bc	45	92	7	4			2-3	4-6	800	0	1	53	40				1.8								
	Aldergrove	268												1010.4	+4	SE	1	f	42	97	2				10	10	4150	1		54	38	31			2.3								
19	Birt Castle	173												1009.9	+4	W	1	f	39	97	3	5			10	10	2500	1		51	39				0.0								
20	Valentia Obay	30	1005.7	+4		0	b	46	97	8				1010.9	+8	SW	1	bc	42	97	8	5			2-3	4-6	2500	1	1	55	53	33	Tr	Tr	8.1								
	Rothes Point	22												1011.5	+6	N	2	F	43	97	1				10	10	4150	1	1	56	42			0.1									

LONDON OBSERVATIONS.													EXPLANATION OF FIGURES, LETTERS, etc.												
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.													The barometric tendency is expressed in tenths of a millibar.												
HEIGHT above SEA LEVEL, in feet.													COLUMNS 3, 22.—Code for surface visibility.												
													Objects not visible at 55 yards.												
													1 Thick fog 220 "												
													2 Fog 550 "												
													3 Moderate fog 1,100 "												
													4 Mist or haze 1 1/2 miles.												
													5 Poor visibility 2 1/2 "												
													6 Moderate " 6 1/2 "												
													7 Good " 12 1/2 "												
													8 Very good " 31 "												
													9 Excellent " beyond 31m.												
													COLUMN 30.—Code for State of Sea.												
													0 Calm. 5 Very rough.												
													1 Smooth. 6 High.												
													2 Slight. 7 Very high.												
													3 Moderate. 8 Precipitous.												
													4 Rough. 9 Confused.												
													COLUMNS 34, 35.												
													Tr. = rain has fallen, but amount less than 0.1 mm.												

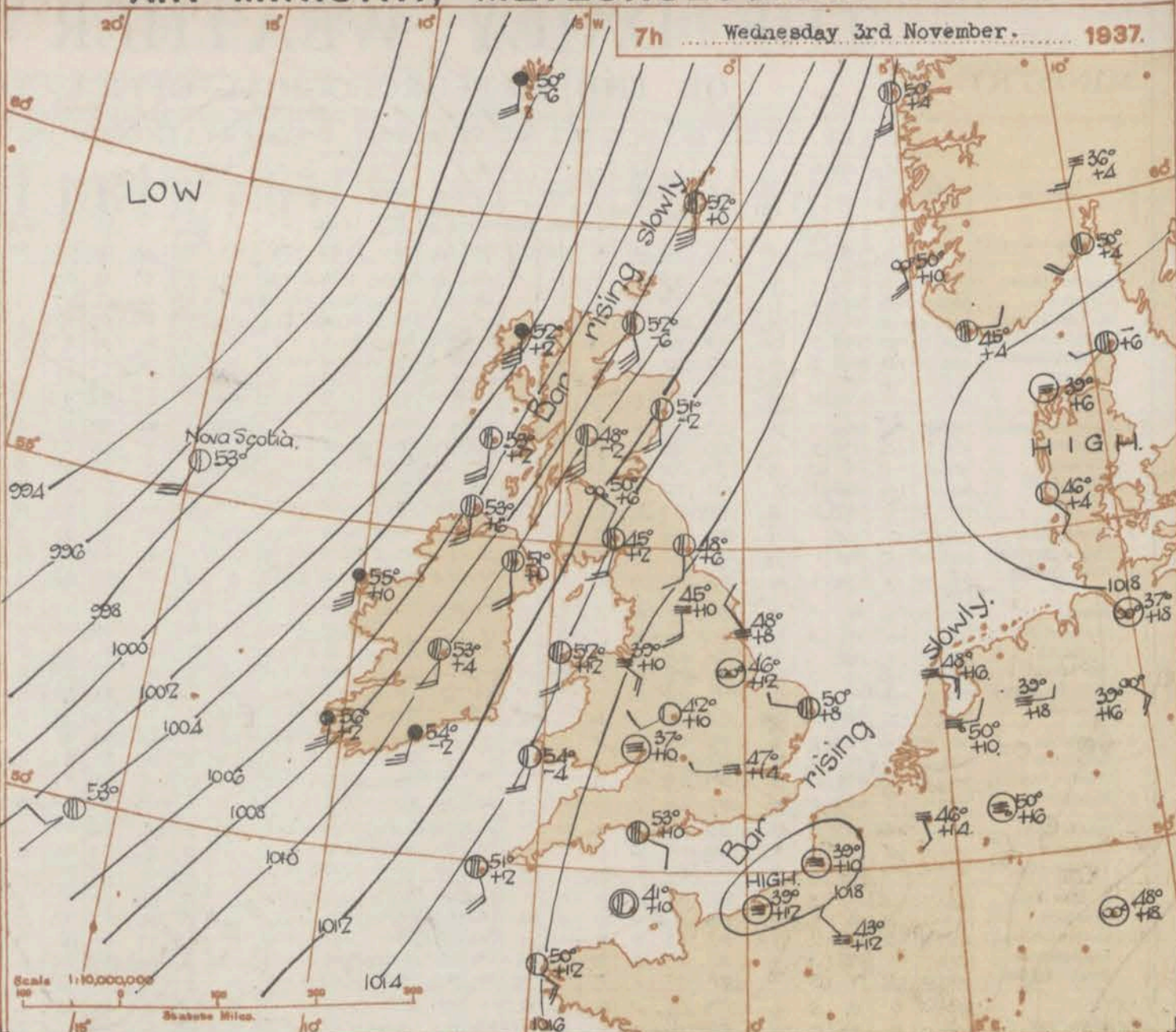
¹ Sea disturbance reported from Dungeness.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
		Fore-noon.	After-noon.	Min. 9h. to 9h.	Max. 9h.-17h.	Night. 17h. to 9h.	Day. 9h.-17h.	
1	Tunbridge W.	fab	bbm	35	56	Tr	-	7.2
	Bournemouth	bcb	b	44	54	6	-	5.3
	Ventnor	rb	bz	47	57	13	-	6.0
	Southsea	b	b	45	56	10	-	6.1
	Bognor Regis	bb	bb	43	55	5	-	8.0
	Littlehampton	bcb	b	44	56	3	-	7.5
	Worthing	b	b	43	55	1	-	7.4
	Brighton	bc	bc	43	56	0.4	-	6.6
	Eastbourne	bcb	b	45	54	-	-	7.4
	Hastings	bcb	b	45	57	1	-	6.3
	Folkestone	cbcb	bcb	45	56	Tr	-	6.7
	Dover	cb	bcb	41	57	-	-	4.9
	Deal	cob	bcb	39	55	-	-	4.6
	Ramsgate	bm	bm	48	57	-	-	7.0
	Margate	bc	bc	46	54	-	-	5.5
2	Southend	bm	bmb	43	59	0.3	-	8.1
	Clacton-on-Sea	bcb	bcb	46	59	Tr	-	6.7
	Dovercourt	bm	bcb	43	58	0.3	-	4.8
	Lowestoft	cfc	ccm	44	55	1	-	0.0
	Skegness	omco	cbb	51	55	1	-	0.4
	Mablethorpe	bco	bc	52	56	1	-	1.4
	Cleethorpe	c	bcc	51	58	1	-	1.5
3	Leamington S.	omo	o	43	52	3	-	0.0
4	Cheltenham	of	ocof	43	51	6	-	0.0
5	Bath	cc	cbcb	46	56	2	-	3.4
	Weymouth	cbb	b	45	55	2	-	6.7
	Jersey	rbc	bc	47	57	18	-	7.7
	Torquay	bcb	bb	49	56	-	-	7.7
	Falmouth	b	b	49	59	-	-	6.9
	Penzance	mcb	bb	50	59	Tr	-	4.5
	St. Ives	c	c	47	56	-	-	1.1
	Bude	bb	bb	47	59	-	-	8.1
	Ilfracombe	bcb	b	47	55	0.5	-	8.5
6	Aberystwyth	zbc	bcc	43	59	-	-	3.6
7	Llandudno	c	cb	44	58	-	-	2.1
	Colwyn Bay	cccc	cbcb	45	58	-	-	1.5
	Rhyl	cm	cm	42	58	Tr	-	0.3
8	Wallasey	co	of	45	56	0.3	-	0.0
	Southport	zocm	mcym	44	56	Tr	-	0.1
	Blackpool	om	cmom	46	57	-	-	0.2
	Morecambe	woemo	o	44	55	Tr	-	0.0
9	Ilkley	o	c	49	55	-	-	0.0
	Harrogate	oc	c	49	54	-	-	0.0
10	Berwick-on-T.	omem	omco	50	53	-	Tr	0.0
11	Dunbar	cm	cm	46	56	-	-	4.7
12	Troon	bcb	bcc	38	54	-	-	4.7
	Douglas	cbwm	cbf	41	56	-	-	1.7

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd November, 1937.
1 S.E. England	Light variable winds, becoming southerly; mainly fair apart from fog near populous areas which will tend to become general at night though clearing later; rather mild except in foggy areas.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light southerly winds, becoming moderate; mainly fair, apart from fog which will tend to clear; rather mild.
5 S.W. England	
6 South Wales	Freshening southerly winds; mainly fair apart from slight local rain or drizzle; rather mild.
7 North Wales	
8 N.W. England	
9 N. Midlands	As 3 - 4.
10 N.E. England	
11 S.E. Scotland	As 5 - 8.
12 S.W. Scotland & Isle of Man	
13 { A.W. Scot. B.N.W. Scot. land. }	Strong southerly winds, a gale at times, veering and moderating later; cloudy, occasional rain; rather mild at first.
14 Mid Scotland	Strong southerly winds, a gale at times; cloudy, occasional rain; rather mild.
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	As 13A. - 13B.
18 N.E. Ireland	
19 S.E. Ireland	As 5 - 8.
20 S.W. Ireland	As 13A. - 13B.

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

GENERAL INFERENCE.

A wedge of high pressure extends southwestwards across Southern England and secondary depressions are moving northeastwards along the western seaboard. There will be rain at times in the North and West. Fog over England will tend to clear slowly first in the Midlands later in Southeast England.

FURTHER OUTLOOK.

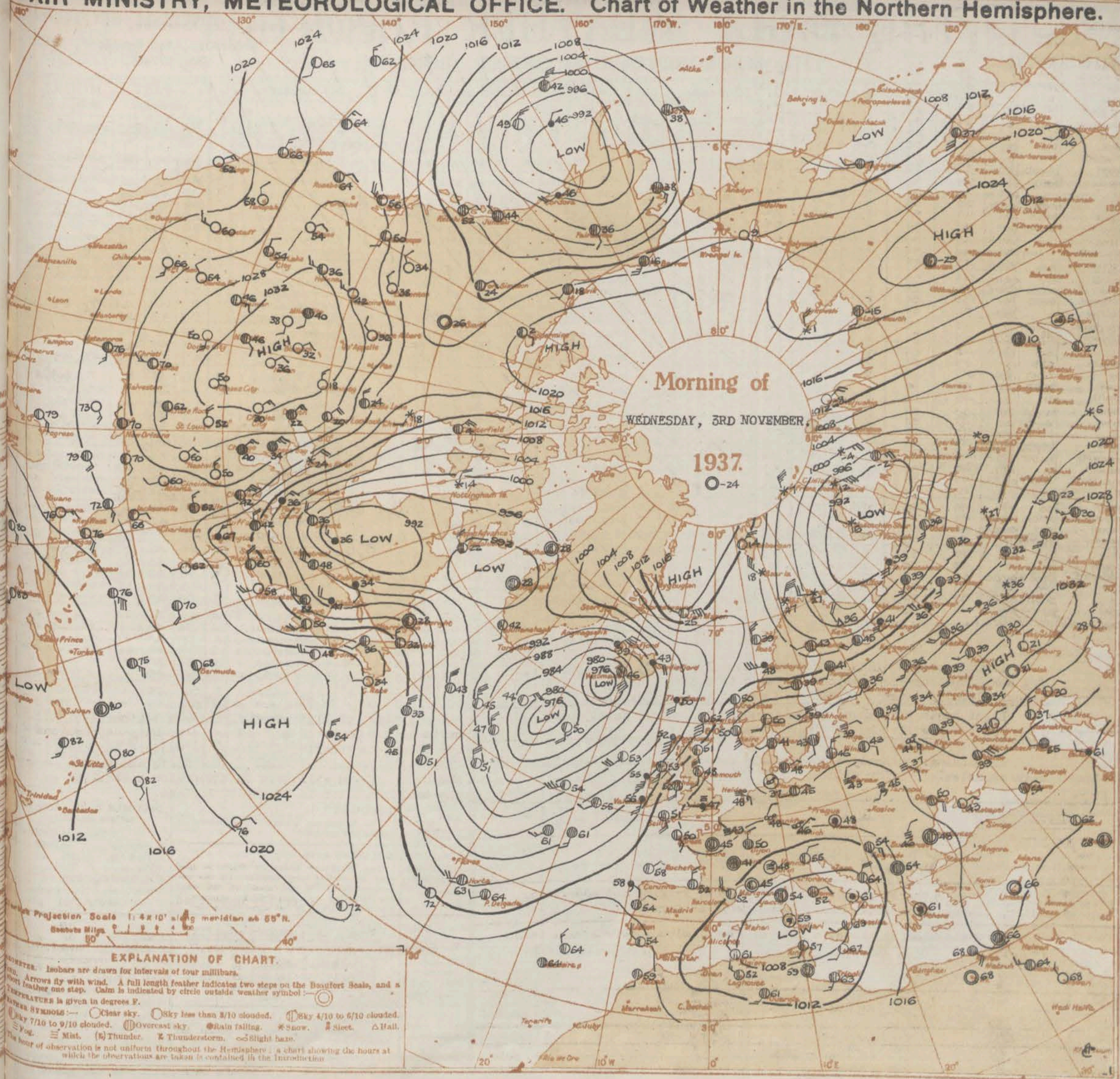
Generally unsettled.

Times of issue of Gale Warnings.

South Cone hoisted at 1550 G.M.T. 2/11/37 in districts 13 and 17 and at 0150 G.M.T. 3/11/37 in districts 15 and 16.

Forecast issued at 1030 G.M.T. **GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.,** Director.

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



10

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

37.

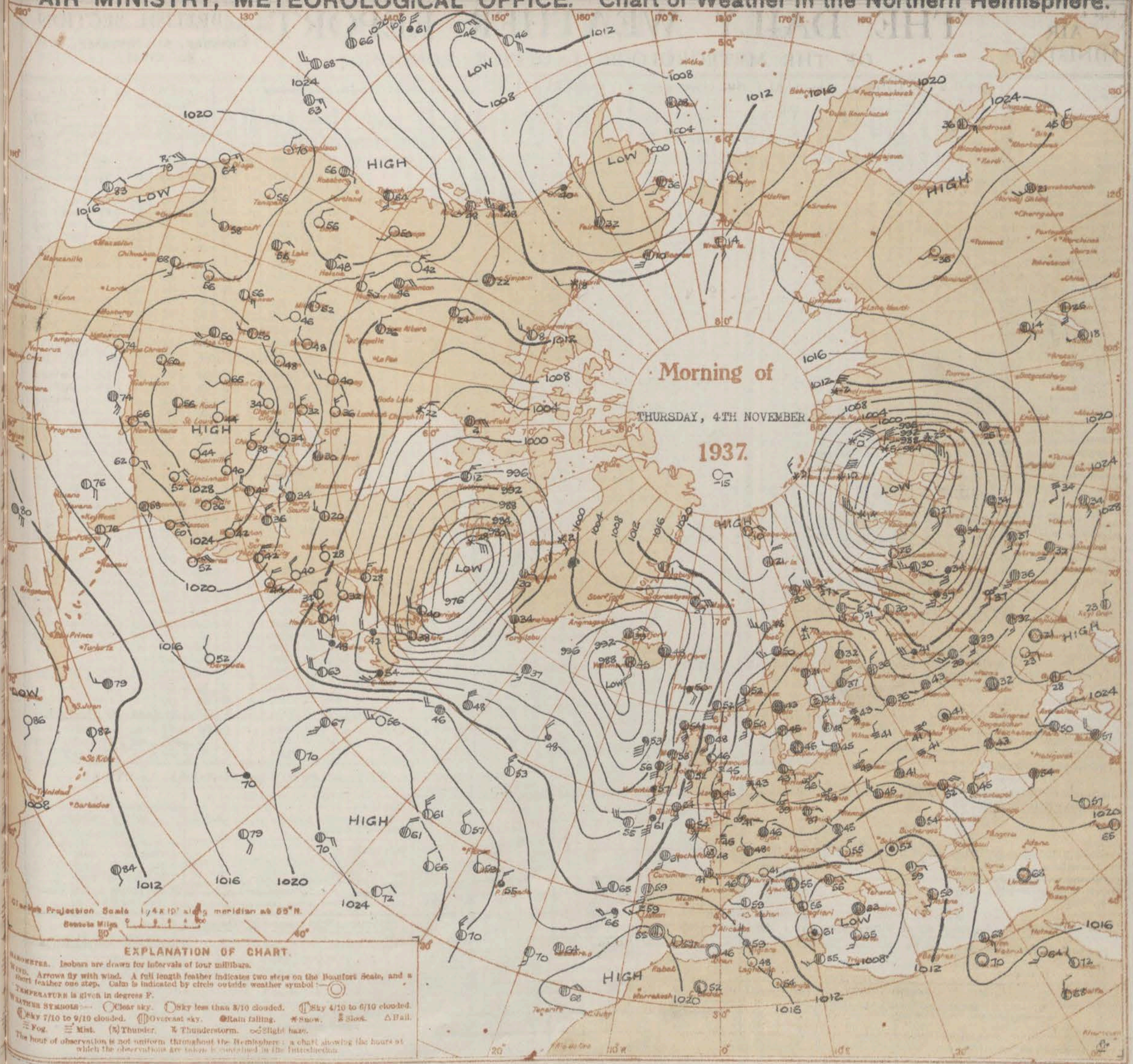
7°
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A hand-drawn weather map of Europe and the North Atlantic on a grid. The map shows isobars, isotherms, and weather symbols. Key features include a 'LOW' pressure system over the North Atlantic and a 'HIGH' pressure system over the British Isles. Weather conditions are noted as 'briskly' and 'rising'. Numerous temperature and wind speed readings are provided for various locations. The map is dated 'Friday, 5th November, 1937' and includes a scale of 1:10,000,000.

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

GENERAL INFERENCE.

A ridge of high pressure extends from West to East of the British Isles. It will be mainly fair in most districts apart from scattered showers in the northwest and widespread fog in England and Wales.

Foggy conditions probably continuing in many districts.

Forecasts issued at 1015 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

37.

6°

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EXPLANATION OF CHART.

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE. Temperature is given in degrees F.

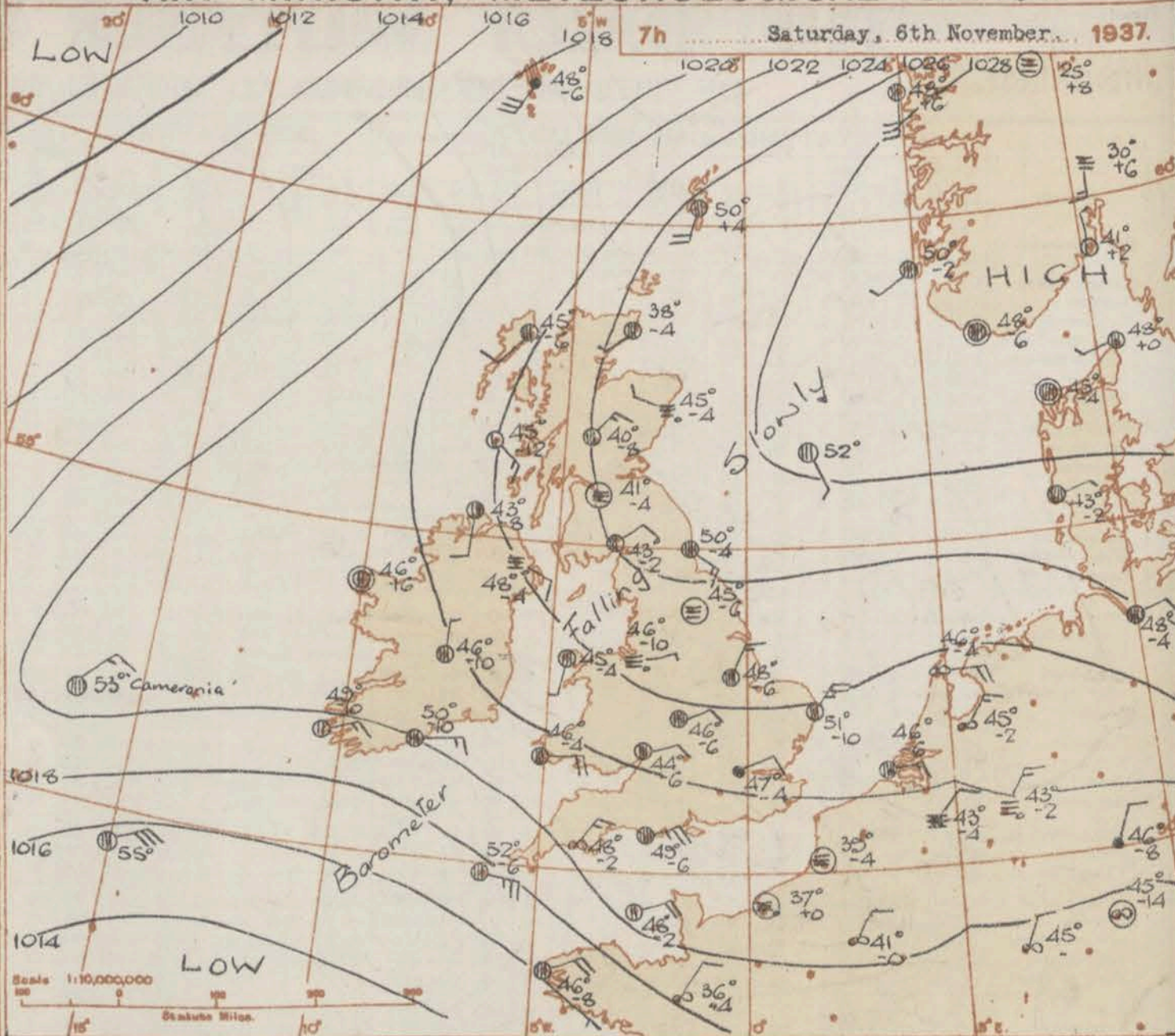
WEATHER SYMBOLS: — Clear sky. ☁ Sky less than 3/10 clouded. ☁☁ Sky 4/10 to 6/10 clouded. ☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☔ Rain falling. * Snow. ❄ Frost. ⚡ Thunder. ⚡☁ Thunderstorm. ☁☁☁☁ Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (ins.)		SUNSHINE (hrs.)
		Forenoon.	Afternoon.	Min. 9h. to 5h.	Max. 5h. to 9h.	Night. 17h. to 5h.	Day. 9h. to 5h.	
1	Tunbridge W.	mcbb	bcbb	37	52	-	-	3.3
	Bournemouth	mc	bcmm	41	51	-	-	0.8
	Venar	ozbz	bczz	45	52	-	-	2.6
	Southsea	ocb	b	44	53	-	-	3.3
	Bognor Regis	cbcb	bcbb	43	52	-	-	4.9
	Littlehampton	cbcb	b	41	53	-	-	5.0
	Worthing	cb	b	43	52	Trace	-	4.5
	Brighton	bc	bcb	43	53	-	-	5.0
	Eastbourne	ocb	b	43	54	Trace	-	5.5
	Hastings	bcbb	b	43	53	-	-	6.8
	Folkestone	bmab	b	43	51	-	-	7.1
	Dover	ocbc	bcbb	43	53	-	-	6.8
	Deal	ocbb	b	44	51	-	-	5.4
	Ramsgate	bc	bc	46	54	-	-	5.0
	Margate	cbc	bc	45	52	-	-	5.7
2	Southend	bcc	cbm	46	52	Trace	-	5.1
	Clacton-on-Sea	bc	bc	46	52	-	-	5.0
	Dovercourt	wbc	bc	44	52	-	-	4.0
	Lowestoft	bbcb	bbcc	43	52	-	-	4.6
	Skewness	c	bcc	45	53	-	-	0.3
	Mablethorpe	bcc	co	43	53	Trace	-	0.5
	Cleethorpe	cmbe	c	40	50	Trace	-	0.1
3	Leamington S.	of	o	38	49	-	-	0.0
4	Cheltenham	of	ocom	36	49	Trace	-	0.0
5	Bath	c	c	37	49	-	-	0.0
	Weymouth	fc	c	43	51	-	-	0.6
	Jersey	bczbc	bc	43	54	-	-	6.0
	Torquay	bczco	oz	49	52	-	-	0.2
	Falmouth	o	o	51	54	0.3	-	0.0
	Penzance	c	c	51	55	20	-	0.0
	St. Ives	o	o	49	53	17	-	0.0
	Bude	c	c	42	53	-	-	0.0
	Llfronbe	oco	oc	44	51	-	-	0.0
6	Aberystwyth	cbc	coz	47	56	-	-	1.2
7	Llandudno	mc	mco	51	52	-	-	0.0
	Colwyn Bay	com	o	50	53	-	-	0.1
	Rhyl	cmbo	com	48	56	-	-	0.2
8	Wallaey	fc	cf	45	47	-	-	0.0
	Southport	bcm	cmof	45	50	-	-	0.0
	Blackpool	cmbo	com	45	52	-	-	0.5
	Morpeth	mcbo	bcmb	47	53	-	-	0.5
9	Ilkley	feo	of	43	45	-	-	0.0
	Harrogate	off	bff	43	45	Trace	-	0.0
10	Berwick-on-T.	bcm	mabc	40	51	-	-	4.2
11	Dunbar	cm	cm	46	56	-	-	3.6
12	Tron	cbcc	bcbb	48	58	-	-	3.5
	Douglas	cb IR	cbfcb	45	54	-	-	0.4

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th November, 1937.
1 S.E. England	Moderate easterly or northeasterly winds; cloudy or dull with drizzle or light rain at times; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light or moderate easterly winds; mainly cloudy, dull at times; occasional local drizzle; average temperature.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Light variable or easterly winds; mainly cloudy, dull at times with occasional local drizzle; fog in places; average temperature.
9 N. Midlands	
10 N.E. England	As 1 - 3.
11 N.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 8 - 9.
13 { A. W. Scotland B. N. W. Scotland	Freshening southerly winds; mainly fair; average temperature.
14 Mid. Scotland	
15 N. E. Scotland	Light or moderate southerly winds; mainly fair; average temperature.
16 Orkney and Shetland	As 13 A - 13B.
17 N. W. Ireland	
18 N. E. Ireland	As 14 - 15.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A wedge of high pressure extends to Western Ireland from an anticyclone over Russia. It will be dull in many districts with drizzle in places, but it will be mainly fair in the West and North.

FURTHER OUTLOOK.

Rain probably spreading from west to western districts; mainly fair in the Southeast.

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

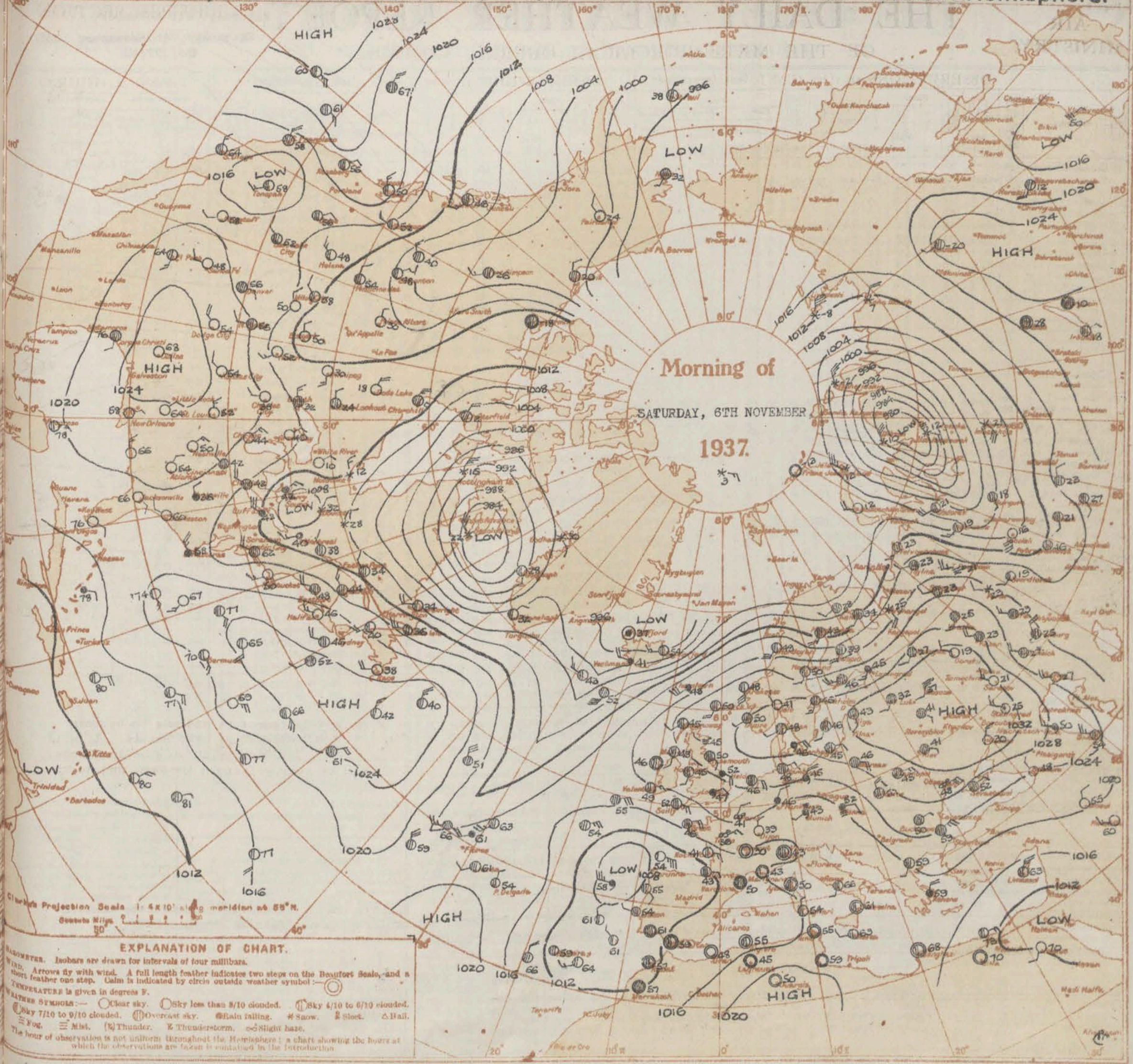
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

37.

43°
+0
48°
-4
46°
-8
45°
-14

11
8,
h.

F.R.S.
ator.



Clark's Projection Scale 1:4X10' along meridian at 55°N.
Scale in Miles 50

EXPLANATION OF CHART.

Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

PAST 24 HOURS.

[illegible]

REPORTS from HEALTH RESORTS for 6th November 1937.

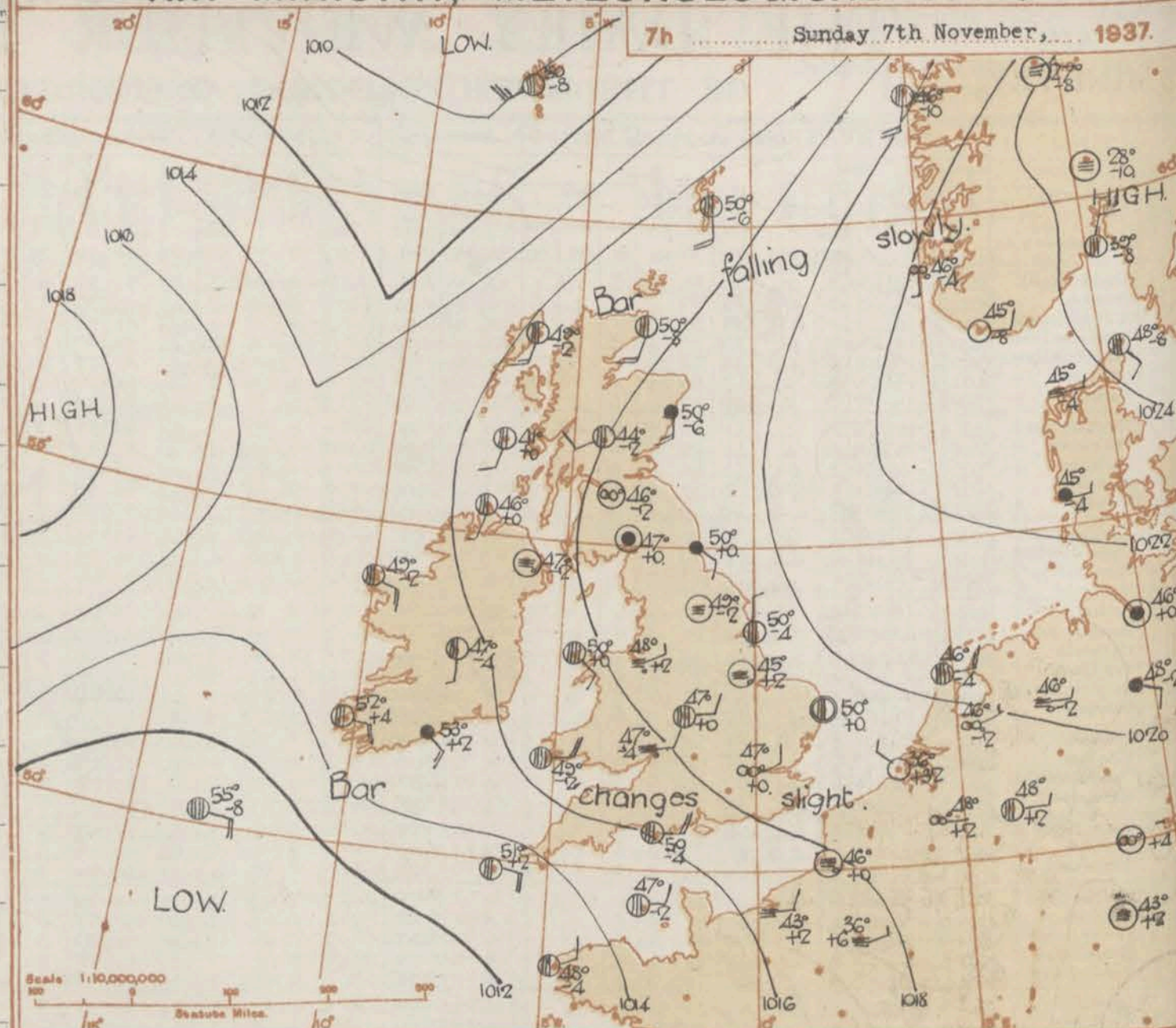
DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE (hr.)
		Fore-noon.	After-noon.	Min. 9h. to 9h. 6h.	Max. 9h. to 17h. 6h.	Night. 17h. to 9h. 6h.	Day. 9h. to 17h. 6h.	
1	Tunbridge W.	odd	od	36	48	Trace	0.3	0.0
	Bournemouth	ou	om	38	49	-	-	0.0
	Ventnor	ou	om	45	51	-	-	0.0
	Southsea	ou	om	43	50	-	-	0.0
	Bognor Regis	ou	om	43	49	-	-	0.0
	Littlehampton	ou	om	41	49	-	-	0.0
	Worthing	ou	om	44	49	Trace	-	0.0
	Brighton	odo	o	43	51	Trace	Trace	0.0
	Eastbourne	ou	om	42	51	-	-	0.0
	Hastings	ou	om	45	50	-	-	0.0
	Folkestone	ou	om	47	50	-	-	0.0
	Dover	ou	om	48	51	-	-	0.0
2	Deal	ou	om	47	51	-	-	0.0
	Ramsgate	c	c	49	55	-	-	0.0
	Margate	c	c	46	52	-	-	0.0
	Southend	ou	om	46	51	Trace	-	0.0
	Clacton-on-Sea	oc	co	49	52	Trace	-	0.0
	Dovercourt	c	oc	46	53	-	Trace	0.0
3	Lowestoft	c	c	49	52	Trace	-	0.0
	Skegness	p.o	r.o	50	52	Trace	Trace	0.0
	Mablethorpe	od.	od.o	51	53	Trace	0.3	0.0
	Cleethorpe	cr	cr	46	51	Trace	1	0.0
	Leamington S.	ou	om	44	50	-	-	0.0
	Cheltenham	om	oid am	38	50	-	Trace	0.0
4	Bath	p.c	cd	39	50	-	Trace	0.0
	Weymouth	mo	mo	42	50	-	-	0.0
	Jersey	b.b	b.b	44	52	-	-	7.4
	Torquay	oz.	o	47	52	-	-	0.0
	Falmouth	c	c	49	55	-	-	0.6
	Penzance	ocbc	c	48	56	-	-	0.9
5	St. Ives	o	o	45	56	-	-	0.0
	Bude	bcc	c	40	54	-	-	1.0
	Ilfracombe	occ	coc	42	51	-	-	0.0
	Aberystwyth	c	coz	43	51	-	-	0.0
	Llandudno	cm	clom	44	50	-	Trace	0.0
	Colwyn Bay	o	odo	43	50	-	Trace	0.0
6	Rhyl	com	om	44	50	-	-	0.0
	Wallsay	fo	ofd	44	50	-	Trace	0.0
	Southport	fo	omid	44	49	-	Trace	0.0
	Blackpool	o	op	43	49	-	Trace	0.0
	Morecambe	o	o	46	53	-	-	0.0
	Ilkley	mod	dd	41	49	-	3	0.0
7	Harrogate	odd	odd	42	48	0.1	2	0.0
	Berwick-on-T.	om	o	45	51	-	-	0.0
	Dunbar	cm	cm	43	50	-	-	0.0
	Troon	bcbcb	bcoco	46	53	-	-	0.7
	Douglas	c	cbf	48	51	-	-	0.0

t Max. Temp. for period 24h. yesterday to 17h. to-day. Min. Temp. 21h. to 9h.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th November, 1937.
1 S.E. England	Light easterly winds veering southeast; dull with occasional slight drizzle today, mainly fair tomorrow; local fog at night; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light southeast winds; mainly cloudy, some brighter intervals; local fog night and morning; average temperature.
5 S.W. England	
6 South Wales	
7 North Wales	Light variable or southeast winds; dull with occasional slight rain or drizzle; local fog night and morning; average temperature.
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 4 - 8.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scotl. land.	Moderate to fresh southwest winds strong locally veering west in North and moderating; cloudy, occasional rain; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	Light southeast winds; cloudy with occasional slight rain today some brighter intervals tomorrow; average temperature.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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AIR MINISTRY, METEOROLOGICAL OFFICE.



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

GENERAL INFERENCE.

A ridge of high pressure extends over the British Isles from an anticyclone centred over South Russia. Weather will be cloudy generally with occasional slight rain or drizzle more particularly in eastern districts.

FURTHER OUTLOOK.

Probably fair in the South.

Forecasts issued at 1230 G.M.T.

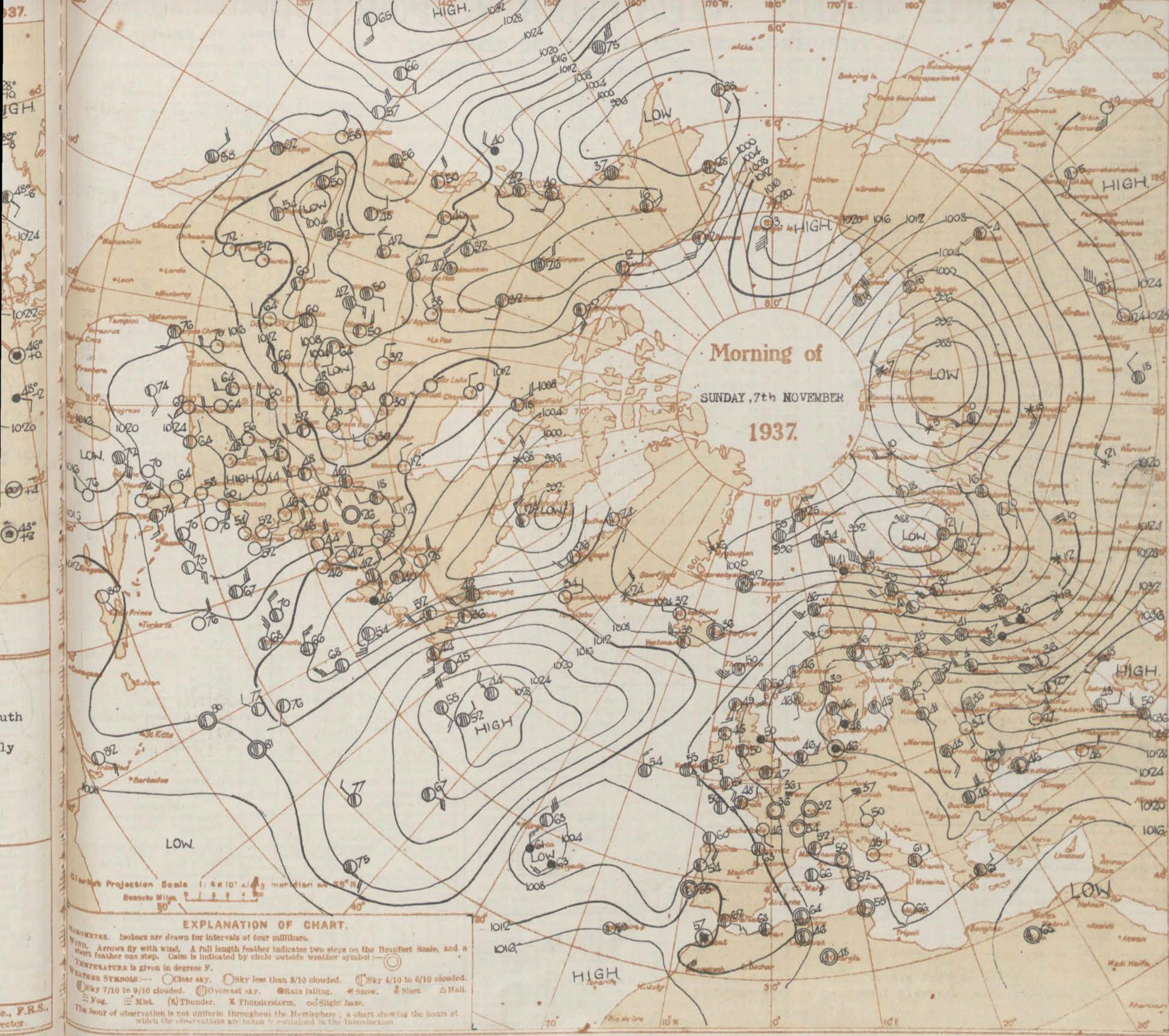
GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.
Director.

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

Morning of
SUNDAY, 7th NOVEMBER
1937.

EXPLANATION OF CHART.

BAROMETRE. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. ❄ Snow. ⚡ Storm. ⚡⚡ Heavy rain. ⚡⚡⚡ Thunder. ⚡⚡⚡⚡ Thunderstorm. ☁☁☁☁ Light haze.
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.



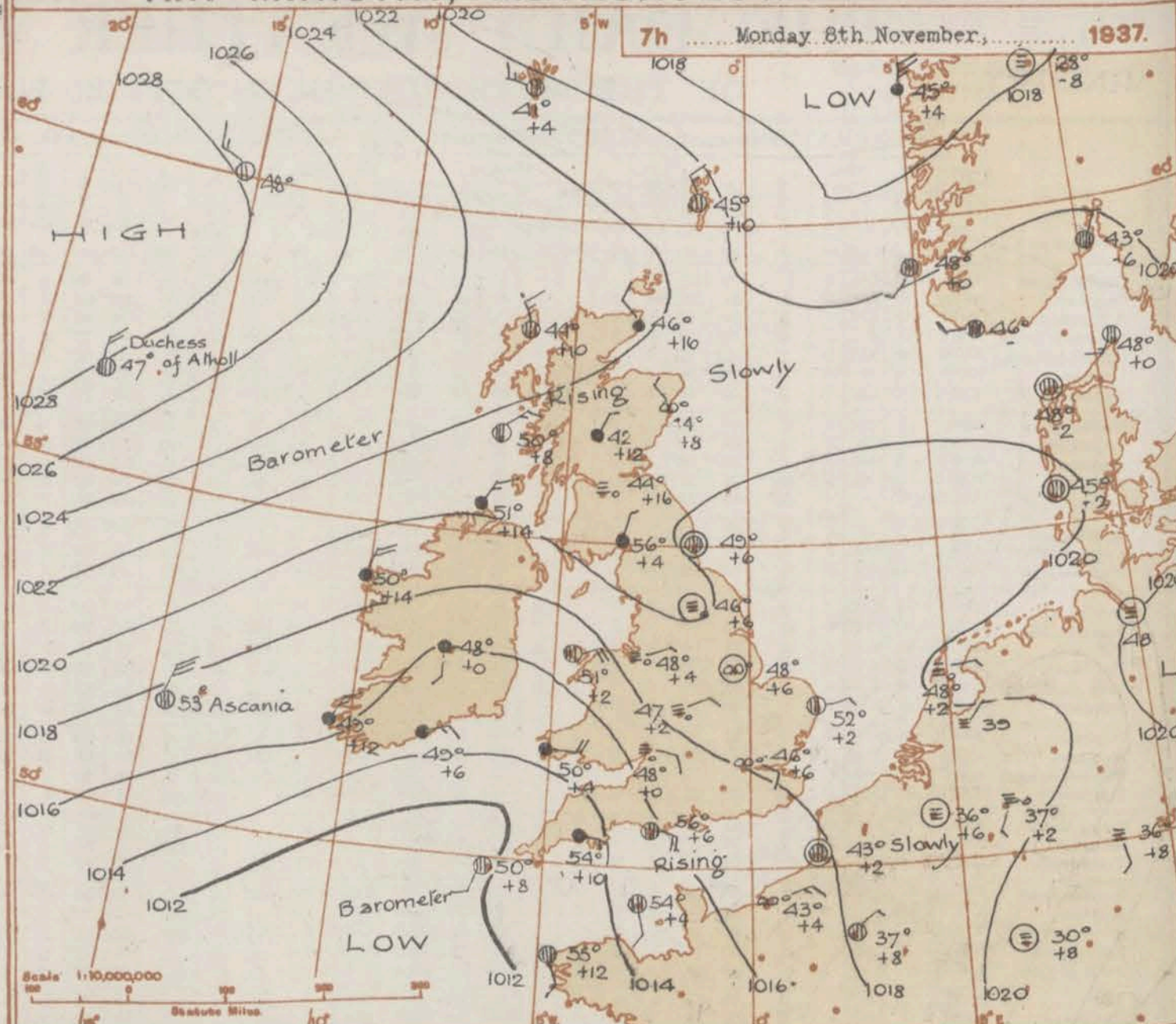
PAST 24 HOURS

† Sea disturbance reported from Dungeness.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs)
	Forenoon.	Afternoon.	Min. 9h. 5th. to 9h. 7th.	Max. 9h. 5th. to 9h. 7th.	Night. 17h. 5th. to 9h. 7th.	Day. 9h. 5th. to 9h. 7th.	
1 Tunbridge W.	0	cc	44	52	Trace	-	0.0
Bournemouth	oc	bbcc	47	54	-	-	0.3
Ventnor	ozeb	bz	48	57	-	-	4.1
Southsea	oc	cbe	47	54	-	-	0.7
Bognor Regis	0	cbe	47	54	-	-	1.0
Littlehampton	oc	cbe	47	55	-	-	0.8
Worthing	0	bbcc	48	54	-	-	0.4
Brighton	ocbe	bc	48	56	-	-	1.2
Eastbourne	oc	cocbe	48	56	-	-	0.3
Hastings	ocbe	bcc	47	55	-	-	1.5
Folkestone	omc	bbcc	48	54	-	-	2.1
Dover	oc	cbe	49	55	-	-	2.5
Deal	0	obo	49	55	-	-	1.5
Ramsgate	c	cbe	50	54	-	-	1.5
Margate	c	cbe	49	55	-	-	1.6
2 Southend	0	ocbbe	47	54	-	-	0.7
Clacton-on-Sea	omc	cbcc	48	54	-	-	0.5
Dovercourt	oc	ocbe	48	54	Trace	-	0.0
Lowestoft	c	c	49	53	0.1	Trace	0.0
Skegness	0	obdo	46	51	Trace	Trace	0.0
Mablethorpe	ocbe	cbcc	49	56	Trace	-	1.5
Cleethorpes	cr	c	48	51	3	2	0.0
3 Leamington S.	0	0	47	50	-	-	0.0
4 Cheltenham	om	om	45	50	Trace	-	0.0
5 Bath	c	cd	46	52	-	Trace	0.0
Weymouth	c	cb	48	56	-	-	1.7
Jersey	zbc	cz	45	50	-	-	0.1
Torquay	oz	cz	51	56	-	-	0.2
Falmouth	c	c	51	54	-	-	0.1
Penzance	cbc	c	51	56	-	-	0.6
St. Ives	0	0	48	56	-	-	0.0
Bude	c	c	40	53	-	-	0.0
Ilfracombe	co	oco	47	52	-	-	0.0
6 Aberystwyth	dzo	oz	48	51	Trace	-	0.0
7 Llandudno	0	oc	47	52	-	-	0.0
Colwyn Bay	0	cbcc	47	51	-	-	0.0
Rhyl	cm	cbccm	48	53	-	-	0.1
8 Wallasey	fc	cf	48	52	0.3	-	0.0
Southport	pmbec	com	46	52	Trace	-	0.2
Blackpool	bmc	com	47	55	-	-	1.4
Morecambe	ocmbcc	cbcc	47	53	-	-	0.1
9 Ilkley	od d	d d	46	49	1	1	0.0
Harrogate	od d	od d	44	49	1	1	0.0
10 Berwick-on-T.	od	od c	48	51	0.1	0.6	0.0
11 Dunbar	cr	c	47	51	Trace	1	0.0
12 Troon	coc	cocf	44	54	-	-	0.0
Douglas	cbid	cbcf	48	52	0.5	Trace	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th November, 1937.
1 S.E. England	Light easterly or variable winds; cloudy to dull with mist or fog locally; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light to moderate variable winds, mainly between east and south; occasional rain at first, fairer periods later; rather mild.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	As 1-4.
10 N.E. England	
11 S.E. Scotland	Light variable winds; cloudy; occasional rain or drizzle; local fog; rather mild.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	Moderate northerly to northwesterly winds; bright periods; showers; average temperature.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	Light to moderate variable winds, mainly between east and north; cloudy; rain at times; average temperature.
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A wedge of high pressure extends eastwards across Scotland and a shallow disturbance over the Bay of Biscay is almost stationary. There will be rain at times in the west and North but it will continue fair in the Southeast apart from local fog.

FURTHER OUTLOOK.

Mainly fair in the Southeast and Northwest.

Forecasts issued at 1015 G.M.T.

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

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

37.

63

3°

48°

1020

1020

1020

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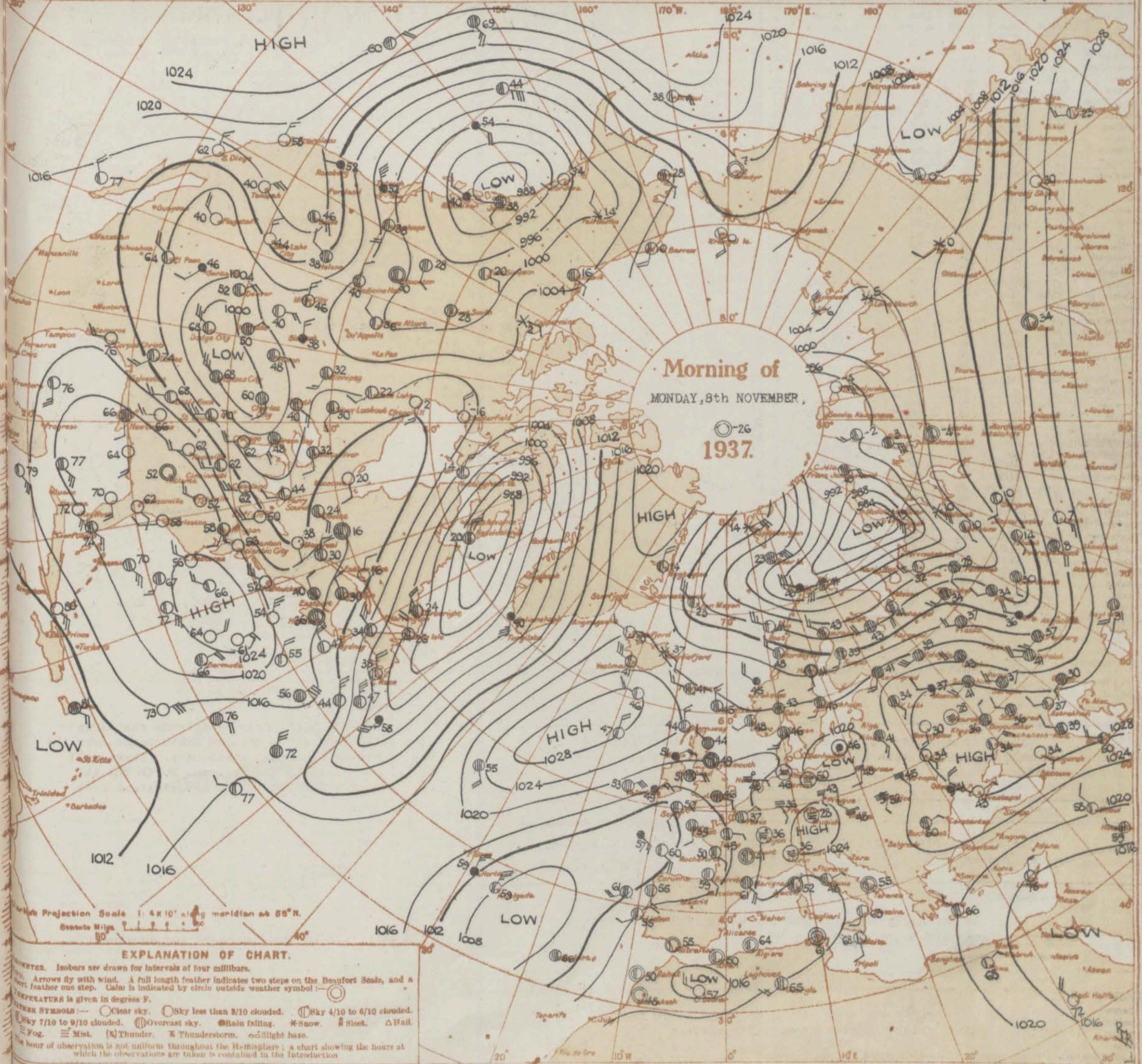
1020

1020

1020

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1020



EXPLANATION OF CHART.

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded.

○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. # Sleet. Δ Hail.

☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm. ☁ Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

F.R.S.
etc.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday, 8th November, 1937.
No. 27745

OBSERVATIONS at 1 hr. G.M.T. 8th November														OBSERVATIONS at 7 hr. G.M.T. 8th November														PAST 24 HOURS.																										
STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					State of Ground.	Sea.	TEMPERATURE.					Sun-shine 7th-8th Hrs.																			
				Dir.	Force					Form.	Amount.		Height of Base (feet).					Dir.	Force					Form.	Amount.		Height of Base (feet).																											
											Low	Med.	High	Total			Low								Med.	High	Total																											
1 London (Kew) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	1017.9	+2	ESE	2	Z	47	92	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

LONDON OBSERVATIONS														EXPLANATION OF FIGURES, LETTERS, etc.																			
Day 7th—18th, Kew & Croydon. 9th—18th, Kensington. 9th—21st, other stations except for rainfall which is 9th—18th.														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.														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.										0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1½ miles. 5 Poor visibility 2½ " 6 Moderate " 6½ " 7 Good " 12½ " 8 Very good " 31 " 9 Excellent " beyond 31m.									
Weather														COLUMNS 30.—Code for State of Sea.																			
Temperature.														COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																			
Rainfall.																																	
Sunshine to Sunset hrs.																																	
Humidity.																																	
Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.																																	
24 hrs. ended 7th G.M.T. 8th.																																	
SOUTH KENSINGTON.																																	
Kew Observatory.																																	
Max. Time. Min. Time.																																	
0.6 13-17h 0.3 5-6h 7th 8th.																																	
0.7 15h 0.1 6h 7th 8th.																																	
Beaufort No. Statute m/h.																																	
0 <1 4 13-18 9 47-54																																	
1 1-3 5 19-24 10 55-63																																	
2 4-7 6 25-31 11 64-75																																	
3 8-12 7 32-38 12 > 75																																	
8 39-46																																	
0 Calm. 5 Very rough																																	
1 Smooth. 6 High.																																	
2 Slight. 7 Very high.																																	
3 Moderate. 8 Precipitous.																																	
4 Rough. 9 Confused.																																	

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		Sunshine (hrs.)
	Forenoon.	Afternoon.	Min. 8h. to 9h.	Max. 9h. to 17h.	Night 17h. to 9h.	Day 9h. to 17h.	
1 Tunbridge W.	oc	c	44	54	-	-	0.1
Bournemouth	o	oram	46	56	-	2	0.0
Ventnor	oz	opz	51	57	-	Trace	0.0
Southsea	c	c	48	57	-	-	0.0
Bognor Regis	oc	bcc	48	55	-	-	0.5
Littlehampton	ocbc	bcc	47	57	-	-	1.3
Worthing	c	c	47	56	-	-	0.9
Brighton	cbc	bcc	49	57	-	-	0.0
Eastbourne	o	o	50	55	-	-	0.0
Hastings	oc	co	47	55	-	-	0.1
Folkestone	om o	o	47	52	-	-	0.0
Dover	o	oc	48	54	-	-	0.0
Deal	o	o	48	53	-	-	0.0
Raingate	om	om	48	52	-	-	0.0
Margate	c	c	49	52	-	-	0.0
2 Southend	o	o	48	52	Trace	-	0.0
Clacton-on-Sea	bcc	com	49	54	-	-	0.0
Dovercourt	woceoc	oc	51	54	Trace	-	0.0
Lowestoft	bcc	c	49	54	-	-	0.2
Skegness	cbc	com	48	54	-	-	0.5
Mablethorpe	bcc	bccc	50	55	Trace	-	0.6
Cleethorpe	c	c	48	53	Trace	-	0.0
3 Leamington S.	o	o	47	52	-	-	0.0
4 Cheltenham	om p	orr	48	52	Trace	6	0.0
5 Bath	cp	err	47	53	-	8	0.0
Weymouth	cr	rre	49	56	-	8	0.0
Jersey	co	ccc	46	57	-	-	0.1
Torquay	o	ocbcc	53	58	1	-	0.4
Falmouth	bc	c	50	56	2	-	1.6
Penzance	cbcc	cbcc	48	55	3	-	1.4
St. Ives	o	o	43	54	-	-	0.0
Bude	c	c	43	52	2	0.2	0.1
Ilfracombe	occc	pcbcc	49	57	1	0.3	0.2
6 Aberystwyth	orr	rff	49	52	1	7	0.0
7 Llandudno	ror	irgm	46	52	-	3	0.0
Colwyn Bay	oro	opmp	42	51	-	2	0.0
Rhyl	om r	ogmr	42	53	-	2	0.0
8 Walsley	for	omr	46	52	-	2	0.0
Southport	ozor	opom	45	51	-	0.2	0.0
Blackpool	o	oro	42	51	Trace	0.3	0.0
Morecambe	e	c	47	52	-	-	0.0
9 Uckley	d.d	od	46	49	1	0.6	0.0
Harrogate	ocid	oc	46	48	0.3	0.2	0.0
10 Berwick-on-T.	co	ro	49	51	0.4	0.5	0.0
11 Dunbar	cpr	cpr	46	51	1	2	0.0
12 Troon	bccbc	bccb	47	53	-	-	0.5
Douglas	cbwfb	cbfeb	48	52	-	-	0.0

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



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th November, 1937.
1 S.E. England	Moderate to strong squally northerly winds, approaching gale at times in exposed places; bright periods; rain or hail showers; rather cool.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Moderate northeasterly winds, freshening; bright periods; occasional rain or hail; cooler than of late.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	As 1 - 4.
10 N.E. England	
11 N.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scotl.	Moderate to strong northerly winds, moderating; bright periods; occasional rain or hail squalls; snow at times on higher hills; rather cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Moderate to strong northerly winds, moderating; bright periods; occasional rain or hail showers; rather cool.
18 N.E. Ireland	
19 S.E. Ireland	Moderate to strong northeasterly winds; bright periods; rain or hail showers; cooler.
20 S.W. Ireland	

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

GENERAL INFERENCE.

A wedge of high pressure extends southeastwards across the British Isles. Weather will be cooler than of late with considerable bright periods and local squally showers of rain or hail.

FURTHER OUTLOOK.

Cooler than of late.

TIME OF ISSUE OF GALE WARNING.

North Cone hoisted at 0840 G.M.T. in district 2 (part of) and in Dogger Bank area on 9th.

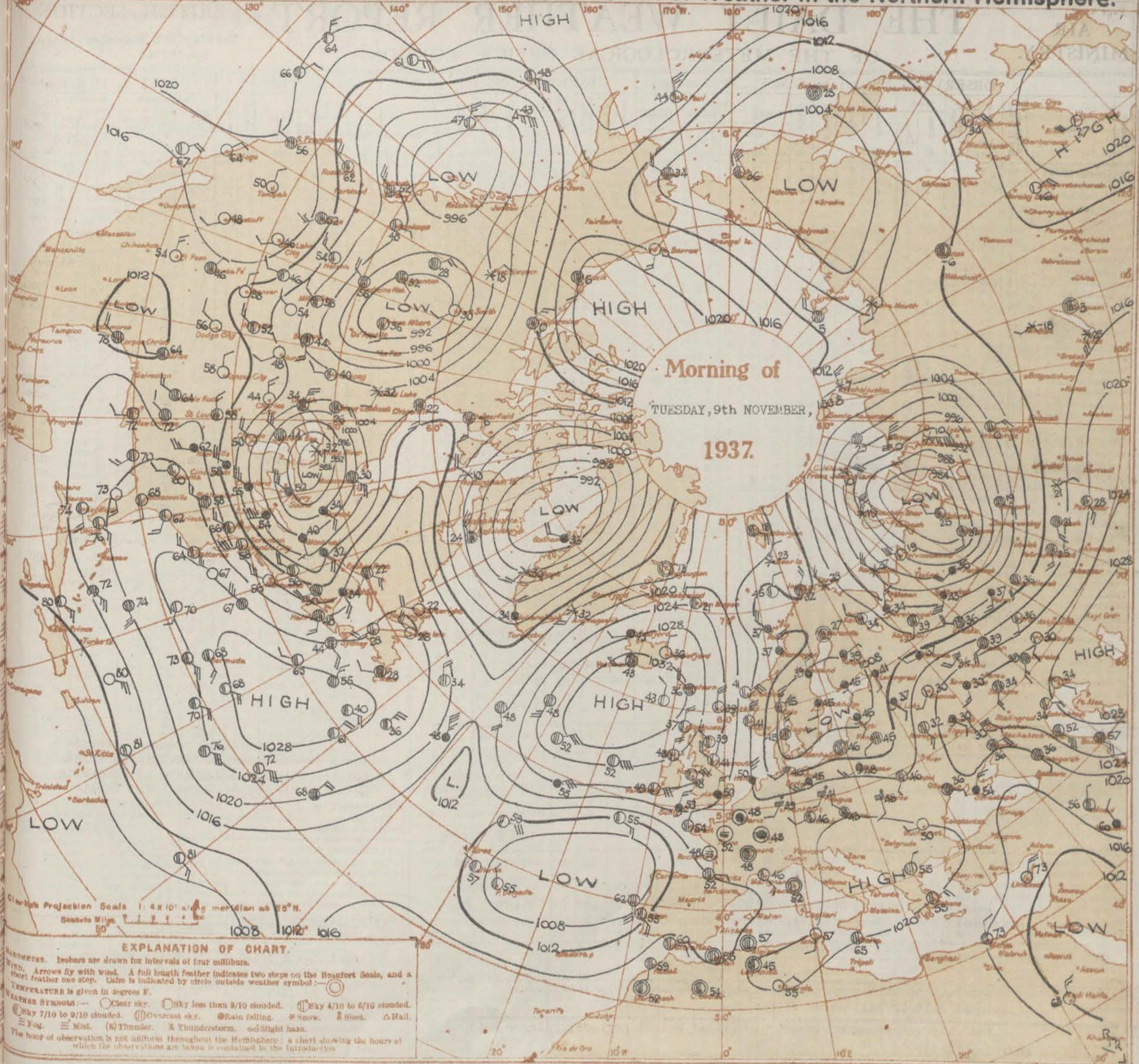
Forecasts issued at 1020 G.M.T.

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

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

37.

1010
22.1008
40.83
59.1006
16 L
W
45°
-10
1006
1008
4010
46°
-24
1014
1016
35°
-16
43°
-2
1018



Clarke's Projection Scale 1:4,000,000 along meridian at 30° N.
Nautical Miles 100 200 300 400 500

EXPLANATION OF CHART.

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE. Temperature is given in degrees F.

WEATHER SYMBOLS: ☉ Clear sky. ☁️ Dusky less than 2/10 clouded. ☁️ 4/10 to 6/10 clouded. ☁️ 7/10 to 9/10 clouded. ☁️ Overcast sky. ☔ Rain falling. ❄️ Snow. ❄️ Frost. ⚡ Thunder. ⚡ Thunderstorm. ☁️ Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

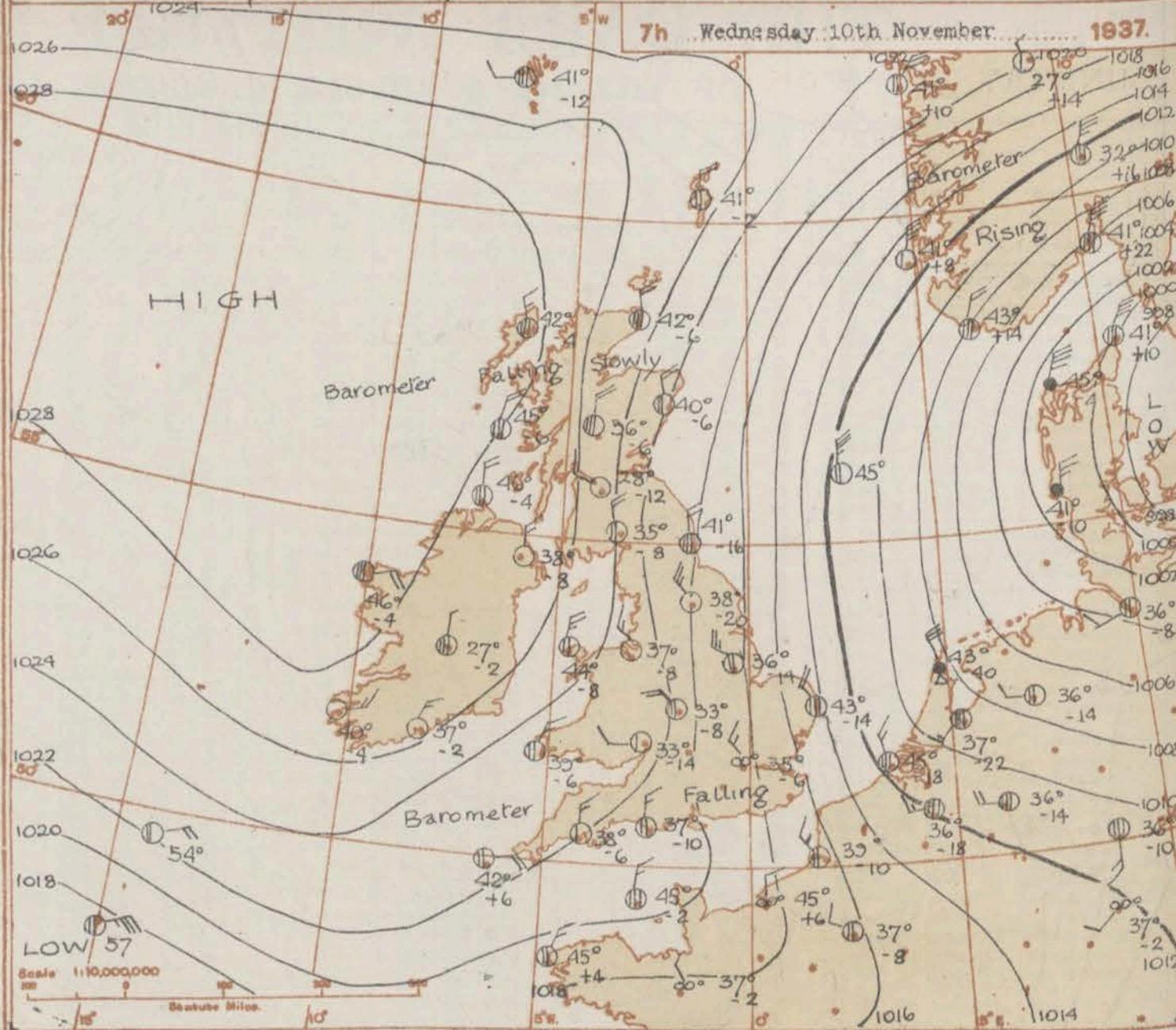
P.R.S.
utor.

DISTRICTS	STATIONS	WEATHER		Temperature (°F.)		Rainfall (mm)		SUNSHINE (hrs)
		Forenoon	Afternoon	Min. 9h. to 9h.	Max. 9h. to 9h.	Night. 17h. to 9h.	Day. 9h. to 9h.	
1	Tunbridge W.	oc	cbcb	47	49	2	-	2.6
	Bournemouth	o	cbbc	48	50	-	-	2.1
	Ventnor	poz	obz	49	51	0.5	-	1.3
	Southsea	o	cb	50	52	Trace	-	1.8
	Bognor Regis	o	cbc	48	51	1	-	2.6
	Littlehampton	ocbc	bc	48	51	0.3	-	2.6
	Worthing	o	bc	49	51	0.5	-	2.0
	Brighton	cb	bc	50	52	Trace	-	2.2
	Eastbourne	o	ocb	49	52	3	-	1.5
	Hastings	ocbc	bc	48	54	2	-	2.2
	Folkestone	adc	cbcb	49	51	3	-	1.4
	Dover	oc	abc	49	52	3	-	2.5
2	Deal	o	abc	49	51	3	-	2.5
	Ramsgate	e	cbc	49	51	5	-	2.9
	Margate	cd	bc	49	52	2	Trace	3.3
	Southend	ocbc	bc	48	51	4	-	4.4
	Clacton-on-Sea	ocbc	bc	48	52	4	-	5.3
	Dovercourt	doctc	bc	47	51	2	Trace	5.6
	Lowestoft	bcpr	bcpr	46	50	2	0.2	0.0
	Skegness	bcp	bpr	45	48	4	2	4.3
	Mablethorpe	bcpr	bpr	45	49	5	0.5	4.0
	Cleethorpe	bcpr	bpr	44	48	0.3	0.5	4.0
3	Leamington S.	bbc	bc	45	49	1	-	5.3
	Cheltenham	cb	bbc	46	50	2	-	4.9
	Bath	cb	bbc	49	50	Trace	-	4.2
	Weymouth	c	cb	50	52	Trace	0.2	1.7
	Jersey	pcbc	cb	46	57	Trace	-	1.9
	Torquay	wom	cbcb	48	53	-	-	0.4
	Falmouth	b	c	48	56	-	-	2.0
	Penzance	bbcc	c	51	58	-	-	2.5
	St. Ives	o	o	45	58	-	-	0.0
	Bude	mc	cbc	48	51	Trace	-	0.6
	Ilfracombe	ac	ocbc	49	53	-	-	2.0
4	Aberystwyth	cb	bc	42	50	-	-	7.2
	Llandudno	b	bpc	46	48	0.5	-	6.0
	Colwyn Bay	bc	bpc	46	47	0.3	-	5.6
	Rhyl	b	bbc	46	50	2	-	6.3
5	Wallsley	b	bc	41	46	-	-	7.4
	Southport	b	bc	37	46	0.2	-	7.3
	Blackpool	b	bbc	39	46	-	-	7.0
	Morecambe	b	bbc	39	46	-	-	7.5
6	Ilkley	b	b	39	46	1	-	6.1
	Harrogate	bbc	bbc	37	44	1	-	6.3
	Berwick-on-T.	bc	bc	40	45	0.1	Trace	2.6
	Dunbar	bc	bc	37	44	-	-	3.2
7	Troon	bc	bc	36	45	-	-	4.9
	Douglas	bcw	bc	40	46	-	-	7.6

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday 10th November 1937.



10th November 1937.

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

1 S.E. England	Moderate northerly winds, strong at times locally; mainly bright, local showers, particularly near coast; rather cold; ground frost locally at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Moderate to fresh north to northeast winds; mainly bright; rather cold, severe ground frost locally at night.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 1 - 2.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotl. B.N.W. Scotl. land	Moderate to fresh north to northwest winds; bright periods at first, occasional rain or sleet later with snow on high ground; rather cold, ground frost locally at night.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	Moderate northerly winds, backing towards west; occasional rain; rather cold.
17 N.W. Ireland	
18 N.E. Ireland	As 3 - 9.
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

An anticyclone is centred to the west of Scotland and a deep disturbance over the Southern Baltic. Cool mainly bright weather will continue with local showers of rain or hail, particularly near the East Coast. Later more general rain will probably spread southwards over Northern Scotland.

FURTHER OUTLOOK.

No important change.

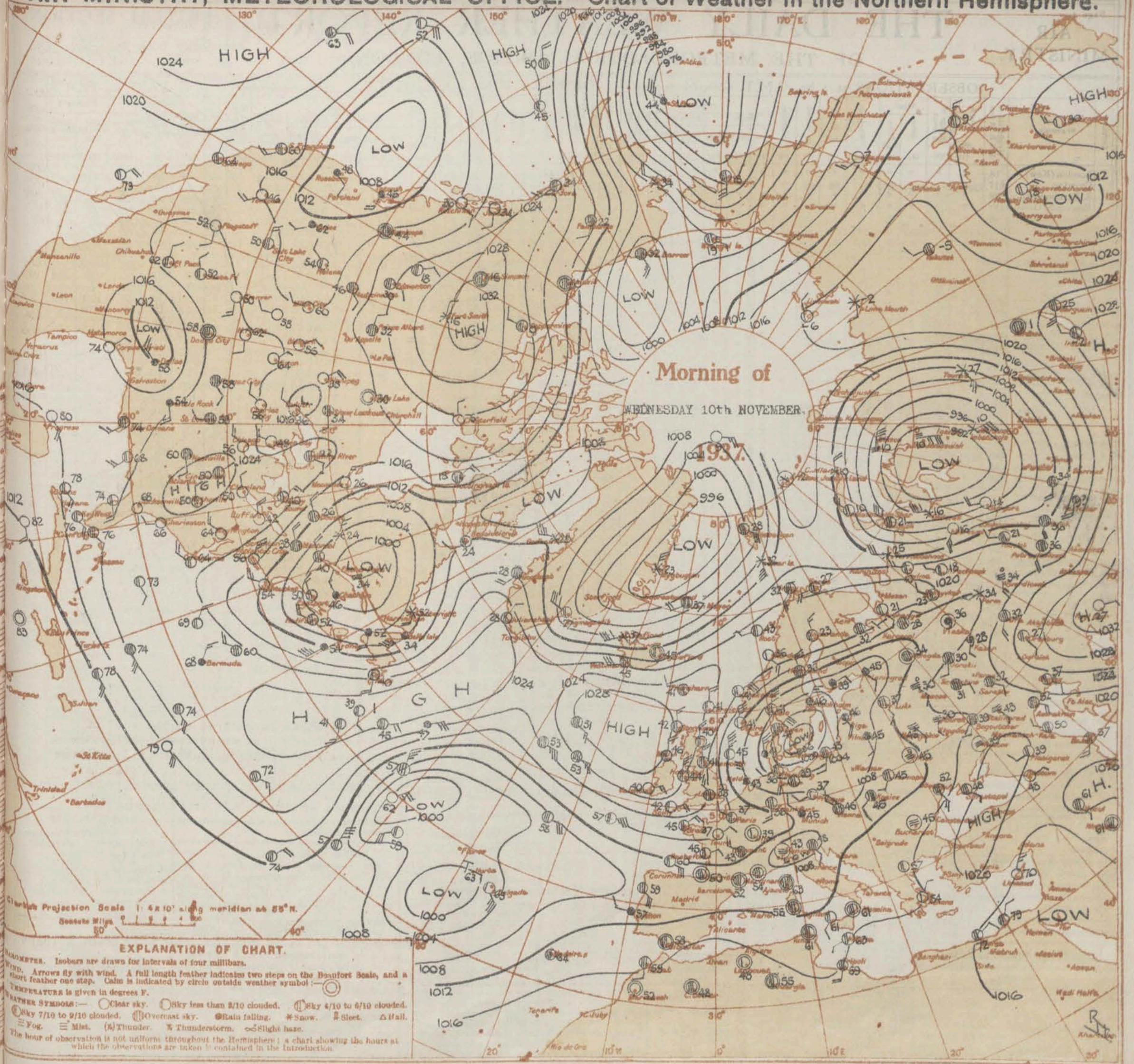
TIMES OF ISSUE OF GALE WARNINGS.

- North Cone hoisted at 0840 on 9th in District 2 (part of) and in Dogger Bank Area.
- North Cone hoisted at 1530 in the remainder of district 2. and District 1 (part of).

Forecasts issued at 1030 G.M.T.

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

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



EXPLANATION OF CHART.

Isobars are drawn for intervals of four millibars.
Isotherms are drawn for intervals of two degrees Fahrenheit.
Wind. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: — Clear sky. ☁ Sky less than 2/10 clouded. ☁ Sky 2/10 to 6/10 clouded. ☁ Sky 7/10 to 9/10 clouded. ☁ Overcast sky. ☁ Rain falling. * Snow. ❄ Sleet. ⚡ Hail.
☁ Fog. ☁ Mist. (N) Thunder. ⚡ Thunderstorm. ☁ Slight haze.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

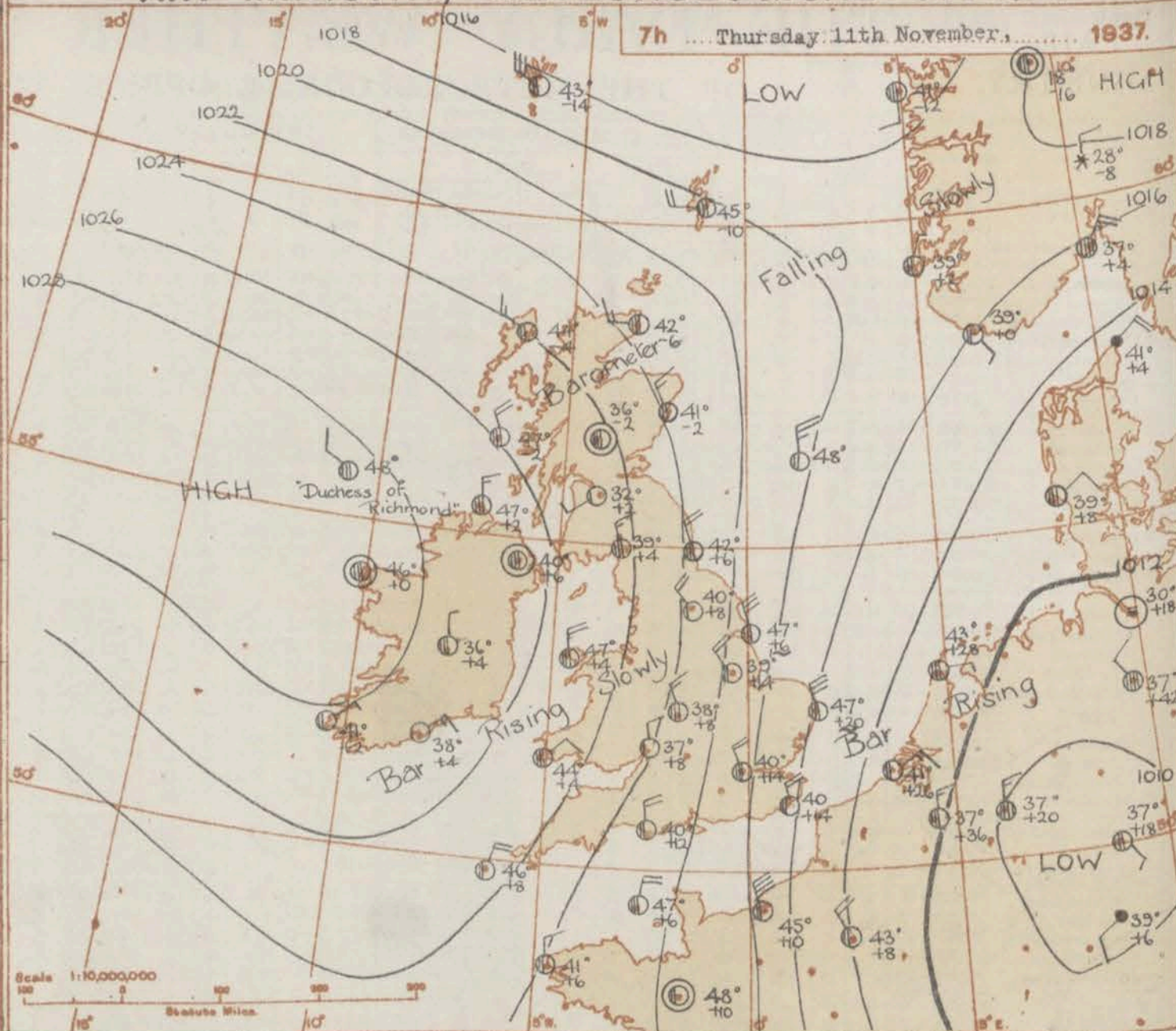
REPORTS from HEALTH RESORTS for 10th November, 1937.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
	Forenoon.	Afternoon.	Min. 9h. to 10h.	Max. 10h. to 17h.	Night 17h. to 9h. 10th.	Day 9h. to 10th.	
1. Tanbridge W.	bcoc	c	35	43	-	-	2.8
Bournemouth	b	b	33	46	-	-	8.1
Ventnor	xbz	bz	35	47	-	-	7.9
Southsea	b	b	36	46	-	-	6.6
Bognor Regis	b	bbcc	35	45	-	-	6.2
Littlehampton	b	bbc	35	46	-	-	5.9
Worthing	b	bbc	34	45	-	-	5.5
Brighton	bbc	bc	35	45	-	-	6.1
Eastbourne	b	bbc	36	45	-	-	7.2
Hastings	bbc	bcbbc	36	45	-	-	6.5
Folkestone	bbc	bcc	37	45	-	-	6.0
Dover	bc	bcabc	39	46	-	-	6.3
Deal	cabc	bcac	38	46	-	Trace	2.6
Ramsgate	cbc	bcapc	40	44	-	Trace	1.8
Margate	c	cbcp	41	46	-	Trace	0.8
2. Southend	bbcb	bbcc	36	46	Trace	-	6.4
Clacton-on-Sea	bcpc	bcpc	35	45	-	-	4.9
Dovercourt	bcpc	bcpc	38	44	-	-	3.2
Lowestoft	cbhbc	bcprh	38	49	5	0.3	3.6
Skegness	bc PH	bcpcp	36	48	12	5	2.1
Mablethorpe	corhbc	bcprh	37	49	5	3	2.5
Cleethorpe	bcns	bcns	37	47	5	4	2.3
3. Leamington S.	bbc	bc	33	44	-	-	5.4
4. Cheltenham	bcc	cm	32	43	-	-	1.9
5. Bath	b	bbc	34	45	-	-	8.0
Weymouth	b	b	35	46	-	-	8.1
Jersey	bc	bcc	44	49	-	-	5.3
Torquay	wmb	b	35	47	-	-	3.5
Falmouth	b	b	33	48	-	-	7.8
Penzance	bbc	bbcc	38	49	-	-	6.7
St. Ives	c	o	39	51	-	-	1.3
Bude	xb	b	28	50	-	-	7.0
Ilfracombe	cbcb	cbcc	41	48	-	-	4.2
6. Aberystwyth	xbcc	bcc	32	47	-	-	5.9
7. Llandudno	c	cbc	43	47	-	-	0.7
Colwyn Bay	bcc	cbc	42	46	-	-	0.4
Rhyl	bc	bc	42	46	-	-	2.4
8. Wallasey	bc	b	39	46	-	-	7.4
Southport	bbc	bc	33	45	-	-	6.2
Blackpool	cbc	bc	38	46	-	-	5.3
Morcambe	bbc	bbc	36	46	-	-	7.3
9. Ilkley	bc	bcpc	34	45	-	Trace	2.9
Harrogate	cbp	cbp	35	42	-	0.3	2.3
10. Berwick-on-T.	cbc	cbpc	40	46	-	-	1.9
11. Dunbar	bc	bc	40	45	-	-	3.0
12. Troon	xbcb	bbcb	34	47	-	-	7.3
Douglas	bex	bc	37	46	-	-	8.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Thursday 11th November, 1937.



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

1 S.E. England	Light to moderate north to northwest winds; mainly fair; rather cold, ground frost locally at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light to moderate northeast to north wind; mainly fair; rather cold, ground frost inland at night.
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	Northwesterly winds, fresh locally; mainly fair apart from a few scattered showers, particularly in coastal districts and on high ground; rather cold; ground frost locally at night.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 A.W. Scotland & N.W. Scotland	Moderate west to northwest winds, becoming strong at times locally; bright periods; occasional rain or sleet with snow at times on high ground; rather cold, ground frost locally at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	As 8 - 12.
18 N.E. Ireland	
19 S.E. Ireland	As 5 - 7.
20 S.W. Ireland	

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

GENERAL INFERENCE.

An anticyclone is centred to the west of the British Isles. Apart from occasional rain in northwestern coastal districts weather will be mainly fair and rather cold.

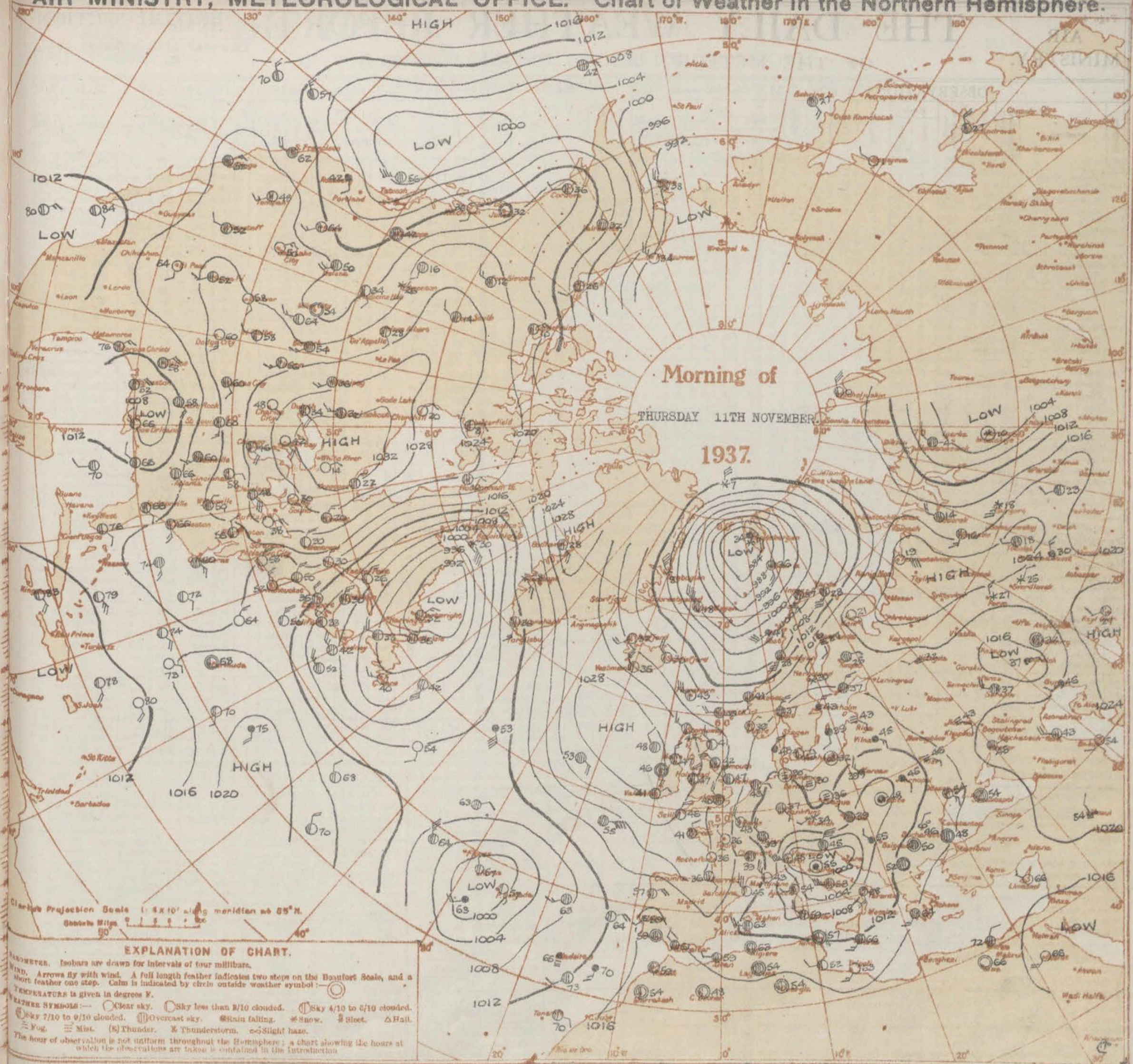
FURTHER OUTLOOK.

Continuing mainly fair and rather cold.

Forecast issued at 1000 G.M.T.

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

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



Clarke's Projection Scale 1:4x10' along meridian at 65° N.
Spherical Miles 0 100 200 300 400 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: — Clear sky. ☁ Sky less than 2/10 clouded. ☁☁ Sky 2/10 to 6/10 clouded. ☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☁☁☁☁☁ Rain falling. ☁☁☁☁☁☁ Snow. ☁☁☁☁☁☁☁ Hail. ☁☁☁☁☁☁☁☁ Fog. ☁☁☁☁☁☁☁☁☁ Mist. (E) Thunder. ⚡ Thunderstorm. ☁☁☁☁☁☁☁☁☁ Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

Friday 12th November, 1937.
No. 27749

Distance.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 11th November														OBSERVATIONS at 18h. G.M.T. 11th November														PAST 24 HOURS.													
		Barom. at m.S.L.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility 0-10	Cloud.						Barom. at m.S.L.	Change in 3 hours.	Wind. Dir. Force	Weather.	Temp.	Humid.	Visibility 0-10	Cloud.						State of Ground.	Sea.	WEATHER.													
									Form.			Amount.		Height of Base (feet)								Form.			Amount.		Height of Base (feet)			Low 0-10	Med. 10-10	High 10-10	Low 0-10	Med. 10-10	High 10-10	Low 0-10	Med. 10-10	High 10-10	7h.—18h. 11th	18h.—18h. 11th	18h.—18h. 11th	18h.—18h. 11th	
									Low	Med.	High	Low	Total									Low	Total	Low	Total	Low																	Total
(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) Croydon S. Farnborough Boscombe Down Culshot (Stmntn.) Lympne Manston	1021.0 1021.1 1021.6 1022.5 1021.8 1021.0 1019.1	+2 +2 0 -10 0 +12 +18	NNW N'W N'W N N N'W NW	4 4 4 4 4 5 5	z z c bc bc bc bc	47 46 48 47 49 47 48	75 85 75 75 75 75 85	6 5 6 7 7 8 7	5 - - 3 - - -	3 - - - - - -	7-8 9+ 7-8 4-6 4-6 4-6 4-6	9+ 9+ 7-8 4-6 4-6 4-6 4-6	1500 4000 2500 2500 2500 1500 1500	1023.5 1022.6 1023.8 1024.2 1023.4 1021.3 1021.0	+18 +12 +18 +4 +4 +4 +18	NNW NNW NNW N'W NNW NW NW	2 3 2 2 3 3 5	z m bc z b c i	44 45 39 40 44 44 47	75 75 85 85 85 85 85	6 4 6 6 7 6 7	- 5 5 3 - 5 5	3 - - 3 - - -	0 7-8 4-6 9 0 9+ 9+	Tr 7-8 4-6 0 0 9+ 9+	- 2500 2500 2500 - 2500 1500	1 1 1 1 1 1 1	* * * * * * *	bcmcz cm bcmcz bbc bmpcm bcm cbc	cbebw cbez bcmcz bcm bcm bcm bcm	bcwm bcm bcm bcm bcm bcm bcm	cm bcm bcm bcm bcm bcm bcm										
2	Shoeburyness Felixstowe Gorleston Mildenhall Cranwell	1019.8 1019.0 1018.0 1020.1 1021.6	+6 +6 +6 +2 +4	NNW NW N'W N NW	4 3 4 4 4	c c/pr c bc/pr b	48 47 48 47 48	85 85 85 85 75	8 7 8 8 6	8 3 - - 4	- - - - -	9+ 9 9 9 4-6	9+ 9 9 9 4-6	1500 1500 2500 1500 4000	1021.8 1021.0 1019.5 1022.1 1023.1	+18 +12 +10 +16 +14	NW NW NW NW W	3 3 2 3 2	bc b z z c	46 45 46 43 44	85 85 85 85 85	7 7 8 6 7	5 5 8 5 5	- - - 3 -	10 Tr 7-8 1 9+	10 Tr 7-8 4-6 9+	2500 2500 2500 2500 4000	1 1 1 1 1	* 2 3 * *	bmc bcm cprc cpr bcm	c cprc cprc bcm bcm	cb bbw cprc bcm bcm	bxc bcm bcm bcm bcm										
3	Birmingham Upper Heyford	1022.9 1022.5	+2 -2	NNW NNW	3 4	m z	45 47	65 65	4 6	- 1	- 3	0 2-3	0 2500	1023.8 1023.9	+10 +12	NW NNW	3 3	z z	43 41	65 85	5 5	- 5	3 5	0 4-6	9+ 9+	- 2500	1 1	* *	cbm bcm	bmc bcm	cb cm	b/c cm											
4	Ross-on-Wye	1023.3	-6	NNW	3	b	48	65	8	1	-	1	4000	1024.9	+10	N'W	1	bc	41	75	6	5	-	2-3	2-3	4000	1	*	bcc bcm	bybc	bcc bcm	bcc bcm											
5	Bristol Portland Bill Plymouth The Lizard Scilly (St. Mary's) Guernsey	1024.0 1022.4 1024.6 1024.8 1025.8 1022.4	-2 +2 +2 +4 +4 +2	N N N'E N'E NEM N'E	3 3 3 2 4 3	bc bc bc bc c c	47 49 49 49 50 50	65 75 55 65 65 75	7 8 8 8 8 8	1 - 7 - 5 8	6 - - - - -	- - - - - -	2-3 4-6 2-3 4-6 7-8 7-8	2-3 4-6 2-3 4-6 2500 2500	4000 2500 4000 2500 2500 2500	1025.4 1024.0 1025.6 1026.0 1026.2 1023.9	+14 +14 +14 +10 +10 +2	NNW N NN N NE N	1 3 3 2 2 4	z bc z c c c	38 45 46 46 48 49	85 85 65 65 65 65	6 7 5 8 8 7	4 1 5 - 5 -	6 - - - - -	2-3 4-6 2-3 2-3 9+ 9+	4-6 4-6 2-3 2-3 9+ 9+	4000 2500 4000 2500 2500 2500	1 0 1 1 2 0	* 2 1 2 2 2	bcm bcm bcm bcm bcm bcm	bz bcm bcm bcm bcm bcm	bcm bcm bcm bcm bcm bcm	bcm bcm bcm bcm bcm bcm									
6	Pembroke	1026.7	+4	NE	2	c	48	65	8	5	2	-	4-6	9+ 2500	1026.4	0	NNE	2	c	47	75	8	8	7	-	7-8	9 2500	0	1	cgc	c	cnc	c										
7	Holyhead	1025.5	-2	N	4	c	48	65	9	7	-	-	9+ 9+ 4000	1025.2	0	NNW	4	c/pr	49	85	8	8	-	-	9 9 2500	0	2	bc	bprc	cpr	bprc												
8	Chester (Sealand)	1024.4	-6	NNW	4	z	48	55	6	7	-	9	1 4-6 2500	1024.6	+2	W	2	z	38	85	6	5	-	-	Tr Tr 2500	1	*	bzbz bcm	bzbz bcm	bzbz bcm	bzbz bcm												
9	Manchester	1023.8	-6	NW	3	bc	47	65	7	-	3	-	0 2-3 -	1024.6	+10	NNW	1	z	38	85	5	5	3	-	2-3 2-3 7200	1	*	bcm bcm	bcm	bcm	bcm												
10	Spurn Head Catterick Tynemouth	1020.7 1022.6 1022.0	+2 -10 -4	NNW NNW N	5 3 3	c bc bc	48 48 47	97 65 65	7 8 7	5 1 7	7 4 -	- 3 -	4-6 2-3 4-6 7-8 2500	1021.3 1022.8 1022.3	+6 +6 +4	NNW NNW NW	5 3 3	c c bc	46 45 45	97 75 75	6 7 6	5 5 2	- 6 -	9+ 9+ 4-6 9+ 4000 1500	1 1 1	4 * 3	cgc cprc cprc	cprc bcm	cbcc cbcc	cprc bcm													
11	St. Abbs Head Leuchars	1021.6 1022.5	-6 -10	NNW NNW	5 4	c c	45 49	32 65	6 9	4 4	4 6	- 6	4-6 2-3 7-8 4000	1020.7 1021.7	-6 +2	NNW NW	4 3	c bc	47 45	92 75	6 8	4 4	- -	4-6 2-3 2-3 4000	0 1	3 *	m.c bcm	m.c bcm	bbcc bcm	cq bcm													
12	Renfrew (Abbott L.) Eskdalemuir Point of Ayre	1023.9 1023.4 1025.1	-16 -10 -2	NNW NNW N	2 5 3	bc c c	49 45 50	75 65 75	8 5 8	5 5 7	5 - 3	- - -	2-3 2-3 4-6 4000 2500 4000	1023.7 1023.7 1024.3	+4 +4 -2	NNW NW N	1 3 4	b bc c/pr	40 40 49	85 85 92	7 8 8	8 4 4	- - -	7-8 7-8 7-8 2500	1 1 1	3 *	bcc bcm	cpr bcm	cbcc bcm	bprc bcm													
13	Tiree	1025.1	-6	NNW	4	c	50	75	8	8	-	-	9+ 9+ 1500	1025.1	0	NNW	5	bc	47	65	8	8	-	-	2-3 2-3 1500	0	3	cpr	cbcc	b	bpr												
14	Stornoway	1023.8	-6	NW	5	c	47	65	8	8	4	-	4-6 7-8 2500	1023.7	+2	NNW	4	c	45	75	8	8	7	-	7-8 9+ 2500	0	2	bprc	cbcc	bprc	bprc												
15	Dalwhinnie	1023.7	-16	SW	2	c	44	75	7	4	2	1	4-6 9 2500	1023.8	0	NW	3	bc	37	85	8	4	6	-	2-3 4-6 4000	1	*	iroc	cprc	cprc	cprc												
16	Aberdeen	1020.8	-10	NNW	4	c	48	75	7	7	4	9	1 7-8 2500	1020.8	+2	NW	3	bc/pr	43	75	7	8	-	-	4-6 4-6 2500	1	1	bprc	cbcc	bprc	bprc												
17	Wick	1020.2	-4	NNW	3	c/pr	46	85	8	8	1	-	4-6 7-8 1500	1019.6	-4	NNW	3	c/pr	42	92	8	8	7	-	4-6 7-8 1500	1	1	cpr	cbcc	bprc	bprc												
18	Lerwick	1016.7	-10	W	4	c/pr	43	85	8	8	7	-	4-6 7-8 1500	1016.5	+10	N	5	c	40	85	8	8	7	-	4-6 7-8 1500	0	2	cpr	cbcc	bprc	bprc												
19	Blackod Point	1023.4	0	NW	1	c	48	75	9	5	-	-	10 10 1500	1023.4	0	NW	1	bc	46	75	8	4	-	-	4-6 4-6 1500	0	2	c	cbcc	cbcc	bprc												
20	Malin Head	1026.6	0	N'W	3	c	49	92	7	9	-	1	7-8 7-8 1500	1025.8	-2	N'W	3	c	49	97	7	8	-	-	4-6 7-8 800	0	4	cprc	cbcc	cbcc	bprc												
21	Aldergrove	1026.9	-6	NNW	3	c/r	46	92	7	5	-	-	7-8 7-8 1500	1026.6	-2	NNW	3	bc	43	92	7	5	3	-	1 2-3 2500	1	*	bprc	cbcc	cbcc	bprc												
22	Birr Castle	1028.0	-2	NNW	1	c	47	75	8	8	7	-	4-6 7-8 1500	1028.1	+4	NNW	1	c	45	85	8	5	7	-	7-8 9+ 1500	1	*	cprc	c	c	cprc												
23	Valentia Obay	1027.2	-2	E'N'W	4	bc	47	65	9	5	-	1	4-6 4-6 4000	1027.3	+4	-	0	0	45	85	9	5	-	-	10 10 4000	0	1	bcc	bcc	o	cprc												
24	Roches Point	1028.4	+2	NNE	2	bc	47	85	8	8	-	-	4-6 4-6 2500	1028.4	+2	NNE	2	c	46	85	8	5	-	-	9+ 9+ 2500	1	2	bcc	bcc	c	cwc												

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

<p>COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.</p> <p>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. fa, low fog over sea (coast station). fg, low fog over land (inland station). m, mist, visibility 1100-2200 yds. h, hail. i, intermittent. jf, fog at a distance, but not at station. jp, precipitation within sight of station. ka, storm of drifting snow. k_{so}, 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.</p>	<p>COLUMNS 9, 23.—FORM OF LOW CLOUD.</p> <p>0 No low clouds. 1 Fair weather Cu. 2 Large Cu without anvil. 3 Cb. 4 Sc formed by the spreading out of Cu. 5 Layer of St or Sc. 6 Ragged low clouds of bad weather (or fractonimbus). 7 Fair weather Cu. and Sc. 8 Large-Cu (or Cb) and Sc. 9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p>	<p>COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.</p> <p>0 No medium clouds. 1 Typical As (thin). 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns). 3 Single layer of Ac or high Sc. 4 Ac in isolated patches. Individually decreasing (often lenticular). 5 Ac in bands (increasing). 6 Ac formed from the spreading out of Cu. 7 Ac associated with As or As with parts resembling Ac. 8 Ac Castellatus (or Ac in ragged fragments). 9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.</p>	<p>COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.</p> <p>0 No cirriform cloud. 1 Fine Ci not increasing: sparse. 2 Fine Ci not increasing: abundant but not a continuous layer. 3 Anvil Ci (usually dense). 4 Fine Ci increasing: usually in tufts. 5 Ci or Cs increasing: still below 45° altitude: often in polar bands. 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands. 7 Veil of Cs covering whole sky. 8 Cs not increasing, and not covering whole sky. 9 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).</p>
<p>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. hr(r), "hail" or "rain and hail." Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain. rr, continuous rain. „ less than (for cloud height). ⊙, Solar halo. ☾, Lunar halo. ♀, gale. With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.</p>	<p>COLUMNS 12, 13, 26, 27.</p> <p>The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.</p>	<p>Cloud form abbreviations:— Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Alto cumulus,—Ac: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb</p> <p>COLUMN 29.—STATE OF GROUND.</p> <p>0 .. Ground dry. 1 .. " wet. 2 .. " flooded. 3 .. " frozen hard and dry. 4 .. " partly covered with snow or hail. 5 .. " covered with ice or glazed frost.</p> <p>6 .. Ground covered with thawing snow. 7 .. " covered with snow, less than 6 ins., deep but ground not frozen. 8 .. " covered with snow, less than 6 ins., but ground frozen. 9 .. " covered with snow greater than 6 ins. deep.</p>	

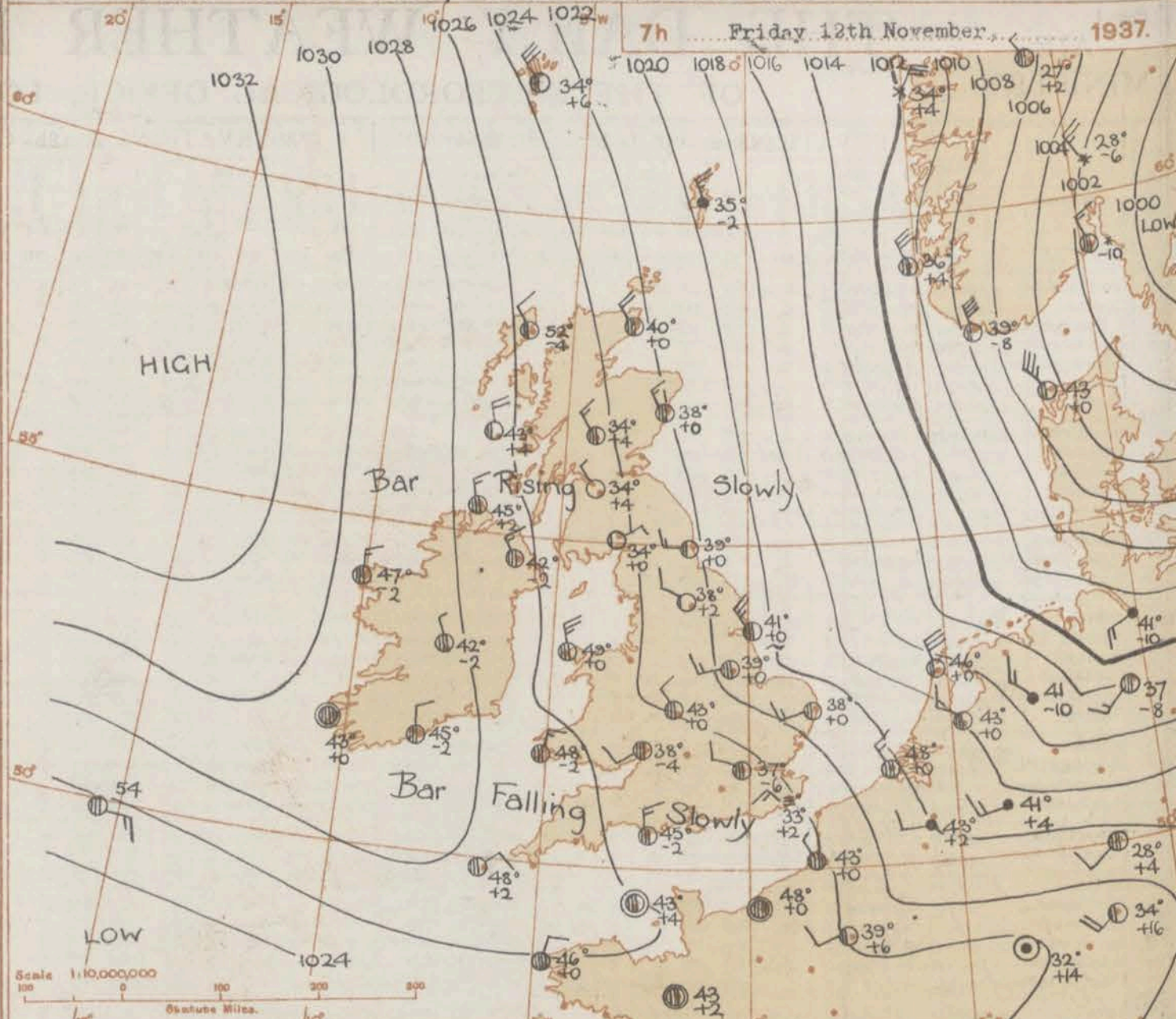
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London. W.C.2

REPORTS from HEALTH RESORTS for 11th November 1937.

STATIONS.	WEATHER		Temperature (°F.)		Rainfall (in.)		Sunshine (hrs.)
	Forenoon.	Afternoon.	Min. 9h. to 11h.	Max. 11h. to 17h.	Night. 17h. to 9h. 11h.	Day 9h. to 11h.	
1. Tunbridge W.	b b c c	c o	37	47	—	—	1.8
Bournemouth	b	b b c	36	50	—	—	6.1
Ventnor	x b z	b b c z	36	49	—	—	6.3
Southsea	b	b b c	38	50	—	—	5.4
Bognor Regis	b	b c b c	37	49	—	—	6.8
Littlehampton	b	b b c	37	50	—	—	6.4
Worthing	b	b b c c	37	50	—	—	6.1
Brighton	b b c	b b c	37	50	—	—	5.8
Eastbourne	b	b b c c o	39	51	—	—	6.4
Hastings	b	b c b c	39	50	—	—	6.0
Folkestone	b	b b c c d	38	50	—	Tr	4.0
Dover	b c	b c e p	41	50	Tr	Tr	4.9
Deal	o b c b	b c e p	40	49	Tr	Tr	3.3
Ramsgate	c b c	b c c	40	50	—	—	3.7
Margate	b c	b c c d	42	49	—	Tr	3.0
2. Southend	b b c	b c c	39	51	Tr	—	5.1
Clacton-on-Sea	b b c	b c c b c	36	48	Tr	—	5.1
Dovercourt	b u	b c v	37	49	Tr	—	3.8
Lowestoft	b c c i r	c i r	40	51	2	0.5	1.2
Skegness	b e p	b e p	36	43	1	Trace	3.5
Mablethorpe	b e p b c c b c	b e p b c c b c	45	49	0.5	—	2.9
Cleethorpe	c b c	b c c r	40	48	2	0.5	2.3
3. Leamington S.	b c	b c o	38	49	—	—	3.6
4. Cheltenham	m b c b	b b c c o	33	47	—	—	6.3
5. Bath	b	b b c	37	49	—	—	7.7
Weymouth	b	b	36	50	—	—	8.4
Jersey	o c	o c	46	50	—	—	0.0
Torquay	w b z b	b b c b	35	50	—	—	7.8
Falmouth	b	c	35	51	—	—	5.3
Penzance	b e b c c	c	37	52	—	—	2.2
St. Ives	o	o	39	54	—	—	0.0
Bude	b	b e c	32	51	—	—	6.7
Ilfracombe	c b c b	b c c	42	50	—	—	6.9
6. Aberystwyth	c	c	37	47	—	—	0.6
7. Llandudno	c	c b c b	45	48	—	—	1.9
Colwyn Bay	b c c	c b c b c	44	47	—	—	1.4
Rhyl	b c c	c b c b	43	49	—	—	3.1
8. Wallasey	b c b	b	38	48	—	—	7.2
Southport	b	b	35	49	—	—	7.8
Blackpool	b m b	b	39	48	—	—	8.0
Morecambe	c b c m c	b b c	35	49	—	—	5.5
9. Ilkley	b c	b c	38	51	1	—	3.9
Harrogate	c b	b b c c	38	48	0.5	—	4.1
10. Berwick-on-T.	b b c c	c b c b	40	48	Tr	—	2.4
11. Dunbar	c m	c m	38	48	—	—	1.6
12. Troon	b b c b c	b c c e	33	50	—	Tr	1.3
Douglas	b c z	b c	37	50	—	—	2.8

* Max. Temp. for period 21h. yesterday to 12h. to-day. Min. Temp. 21h.-9h.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th November, 1937.
1 S.E. England	Light to moderate northwesterly to northerly winds, freshening; mainly fair, occasional showers, particularly near coasts; cold, ground frost locally.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light to moderate northwesterly winds, becoming northerly and freshening; mainly fair, occasional showers, locally of wintry type; cold, ground frost at night.
5 S.W. England	
6 South Wales	
7 North Wales	Light to moderate northeasterly winds; mainly fair; rather cold, ground frost locally at night.
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 3 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl. B.N.W. Scot- land.	Moderate northwest to north winds, becoming strong at times; mainly fair, local wintry showers; cold, ground frost locally at night.
14 Mid Scotland	Moderate to fresh northerly winds, freshening and probably reaching gale force at times; occasional wintry showers; cold, ground frost locally at night.
15 N.E. Scotland	
16 Orkney and Shetland	As 3 - 4.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	As 5 - 6.
20 S.W. Ireland	

N.W. Stationery Office Press, Liverpool, W.C.2.

0.000/0.000 M. 0.000 0.000 0.000 0.000 0.000

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

GENERAL INFERENCE.

An anticyclone is centred to the northwest of the British Isles and a depression is deepening over the Baltic. Weather will be cold but mainly fair apart from occasional showers, chiefly in northern and eastern coastal districts.

FURTHER OUTLOOK.

Continuing cold and mainly fair.

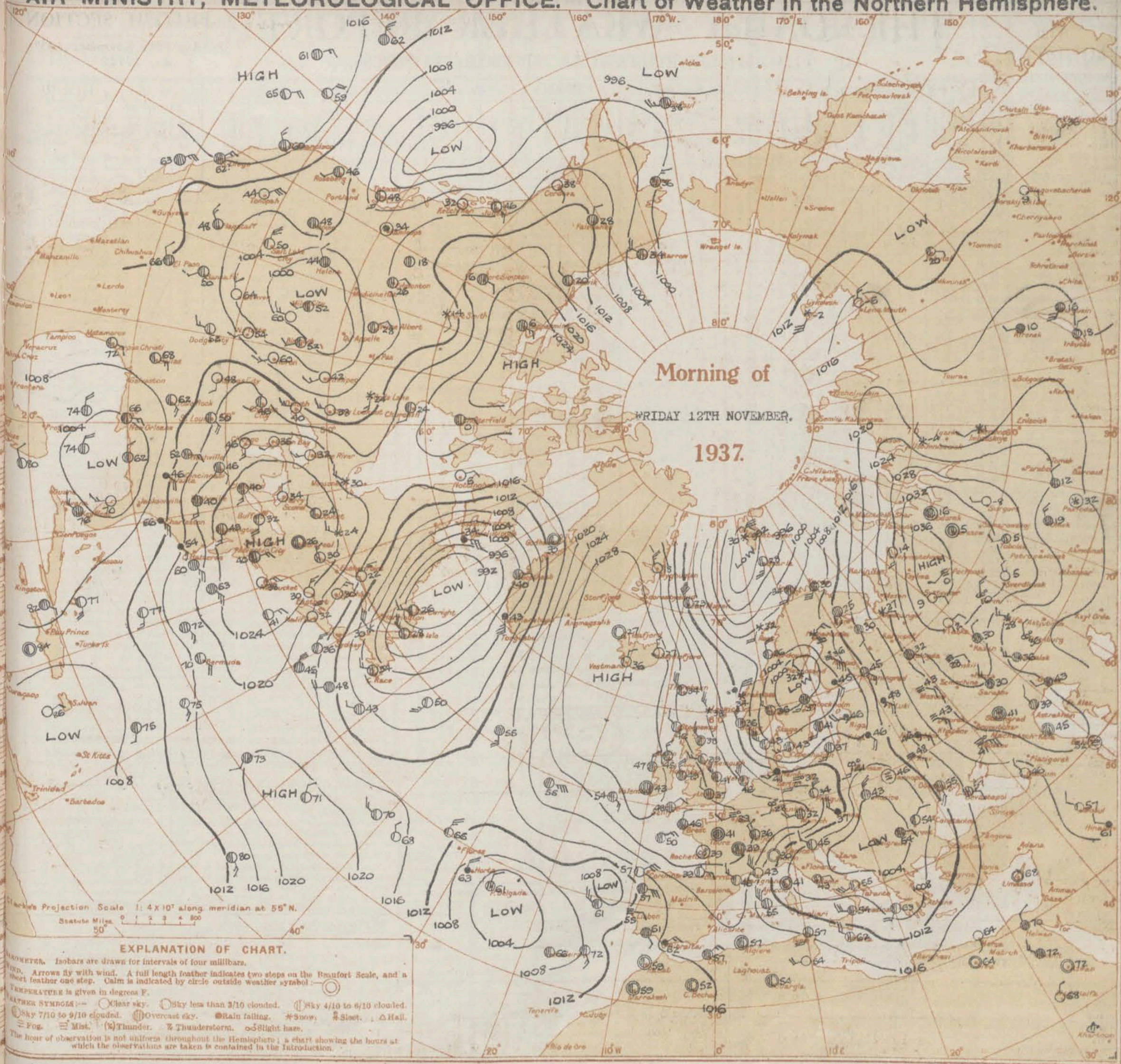
TIME OF ISSUE OF GALE WARNING.

North Cone hoisted at 0840 on 12th in Dogger Bank Area.

Forecasts issued at 1030 G.M.T.

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

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



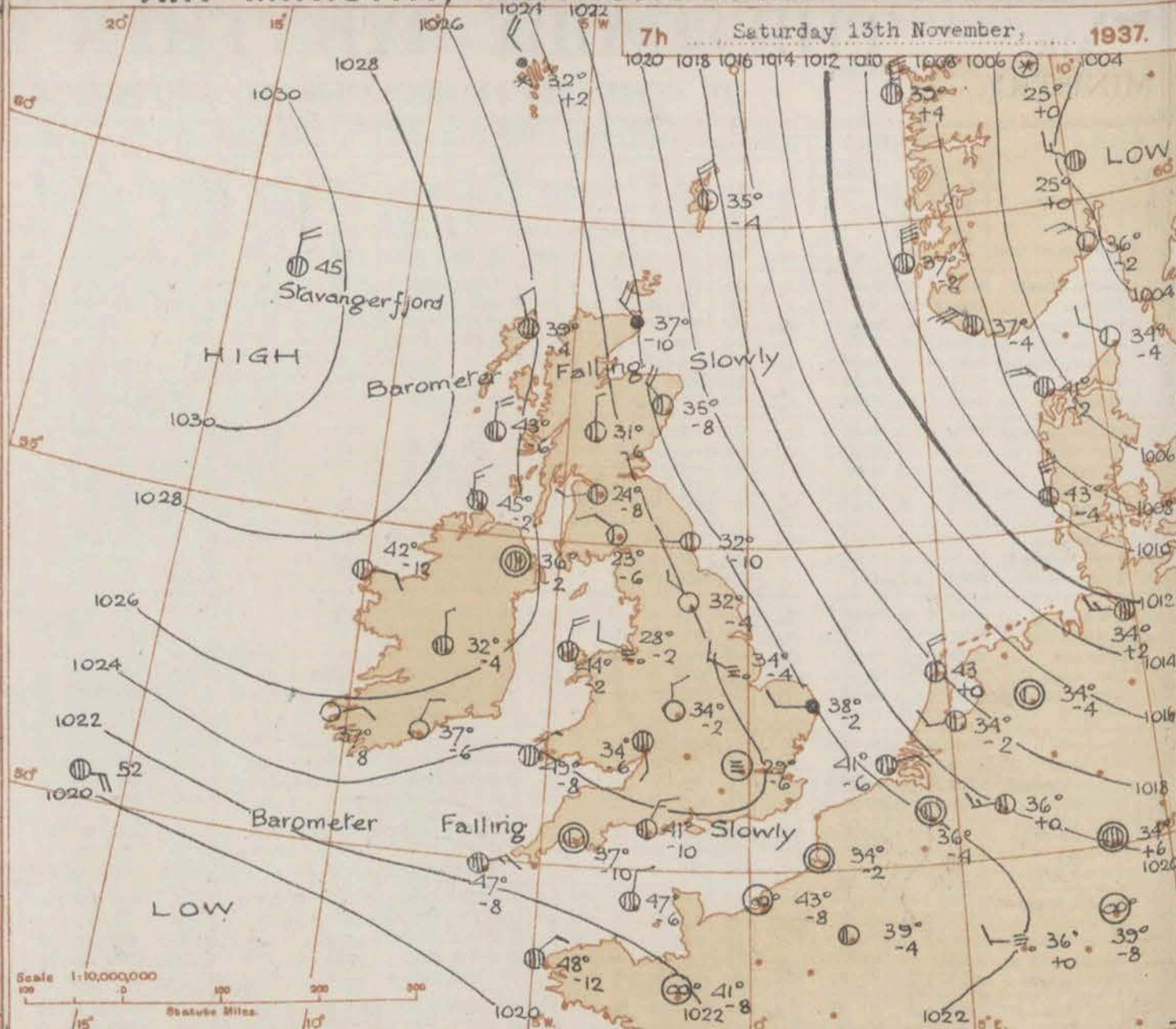
10

REPORTS from HEALTH RESORTS for 12th November, 1937.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
		Forenoon.	Afternoon.	Min. 9h.-11h. to 12h.	Max. 9h.-17h. 12h.	Night 17h.-12h. to 9h. 12h.	Day 9h.-17h. 12h.	
1	Tunbridge W.	bbc	bcc	29	47	-	-	4.6
	Bournemouth	o	oc	34	48	-	-	0.0
	Ventnor	oz	oz	38	48	-	-	0.0
	Southsea	c	cbe	35	48	-	-	0.5
	Bognor Regis	c	bcb	33	50	-	-	2.7
	Littlehampton	cbe	bc	31	52	-	-	3.7
	Worthing	cb	bbc	37	50	-	-	3.6
	Brighton	bc	bc	35	50	-	-	5.7
	Eastbourne	bcb	b	39	50	-	-	6.1
	Hastings	bbe	bcc	35	49	-	-	6.0
	Folkstone	bcm	b	38	49	-	-	6.4
	Dover	mbe	mcb	39	49	Tr	-	5.8
	Deal	cbe	cb	37	49	-	-	4.4
	Romsgate	bcm	bcm	38	49	-	-	3.7
	Margate	cbe	bc	43	47	-	-	3.0
2	Southend	b	bbm	36	49	Tr	-	5.9
	Clacton-on-Sea	cmb	bc	35	47	-	-	5.3
	Dovercourt	bcm	bc	37	48	-	-	5.8
	Lowestoft	cmyr	bccir	35	48	1	0.5	2.0
	Skegness	b	b	35	46	-	-	6.4
	Mablethorpe	bbe	bbe	38	46	Tr	-	6.6
	Cleethorpe	bc	bc	39	45	Tr	-	6.0
3	Leamington S.	bbe	bc	32	48	-	-	3.8
4	Cheltenham	mbe	cpe	30	49	-	Tr	0.8
5	Bath	c	cro	33	49	-	Tr	0.0
	Weymouth	mcc	c	33	50	-	-	0.1
	Jersey	cbe	cpe	47	52	-	Tr	1.5
	Torquay	cmy	cmy	33	50	-	-	0.0
	Falmouth	o	cmy	39	51	-	-	0.0
	Penzance	c	cde	42	51	Tr	Tr	0.0
	St. Ives	pr	pr	41	54	-	0.5	0.0
	Bude	c	c	31	51	-	-	0.1
	Ilfracombe	cbe	oc	42	52	-	-	0.0
6	Aberystwyth	prbc	cpr	36	49	2	1	1.3
7	Llandudno	cip	circ	46	49	1	0.2	0.1
	Colwyn Bay	cpe	cpe	43	49	-	1	0.0
	Rhyl	rc	prc	47	50	Tr	Tr	0.1
8	Wallasey	bcb	bcb	42	47	0.5	-	6.0
	Southport	b	bcb	37	49	0.1	-	5.8
	Blackpool	bmb	b	42	47	Tr	-	6.5
	Morpeth	b	bbe	32	48	-	-	2.8
9	Ilkley	b	bcb	35	49	-	-	5.9
	Harrogate	bbe	bbe	36	45	-	-	6.1
10	Berwick-on-T.	c	irhc	38	49	Tr	0.2	1.8
11	Dunbar	bep	bep	36	44	Tr	Tr	0.7
12	Troon	bcb	bcb	38	48	-	-	4.1
	Douglas	cblpr	cblpr	42	48	0.3	1	5.1

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

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

Light to moderate northerly to variable winds; mainly fair; local fog, night and morning; rather cold, frost at night, sharp locally.

Light to moderate northwesterly winds; mainly fair, local wintry showers; rather cold with ground frost locally at night.

Light to moderate northerly or variable winds; fair apart from few scattered showers in coastal areas; rather cold; ground frost at night.

Light to moderate easterly to variable winds; fair; rather cold, ground frost inland at night.

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

GENERAL INFERENCE.

A wedge of high pressure extends southeastwards across the British Isles. Weather will continue rather cold and mainly fair with sharp ground frost locally at night.

FURTHER OUTLOOK.

No important change.

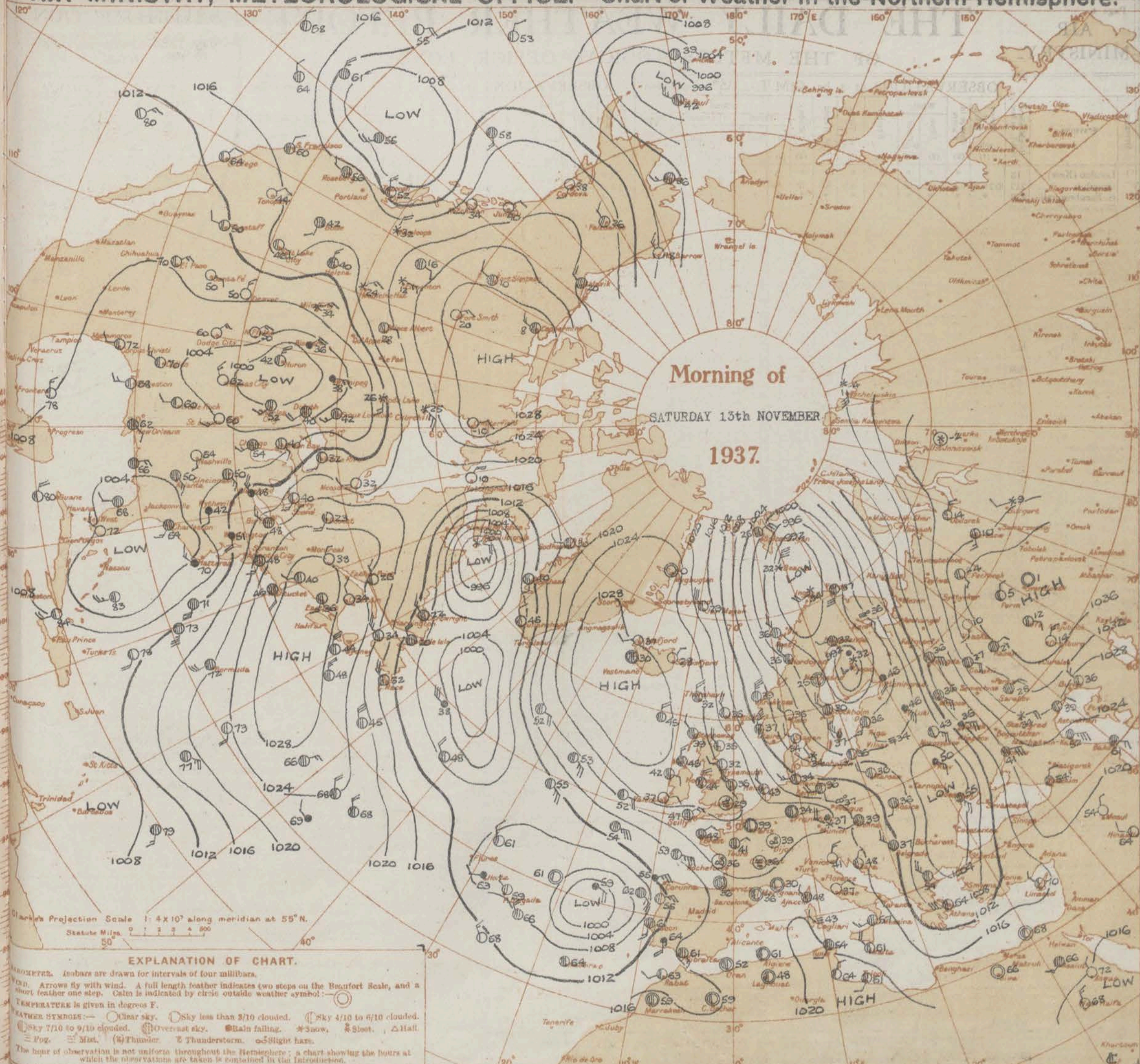
TIME OF ISSUE OF GALE WARNING.

▲ North Cone hoisted at 0840 on 12th in Dogger Bank Area.

Forecasts issued at 1030 G.M.T.

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

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



Clark's Projection Scale 1:4x10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 500
 50° 40° 30° 20° 10° 0° 10° E 20° E 30° E 40° E 50° E 60° E 70° E 80° E 90° E 100° E 110° E 120° E 130° E 140° E 150° E 160° E 170° E 180° 170° W 160° W 150° W 140° W 130° W 120° W 110° W 100° W 90° W 80° W 70° W 60° W 50° W 40° W 30° W 20° W 10° W 0°

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 3/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ☁ Rain falling. * Snow. * Sleet. Δ Hail. ☼ Fog. ☼ Mist. (☼) Thunder. ☼ Thunderstorm. ☼ Slight haze.

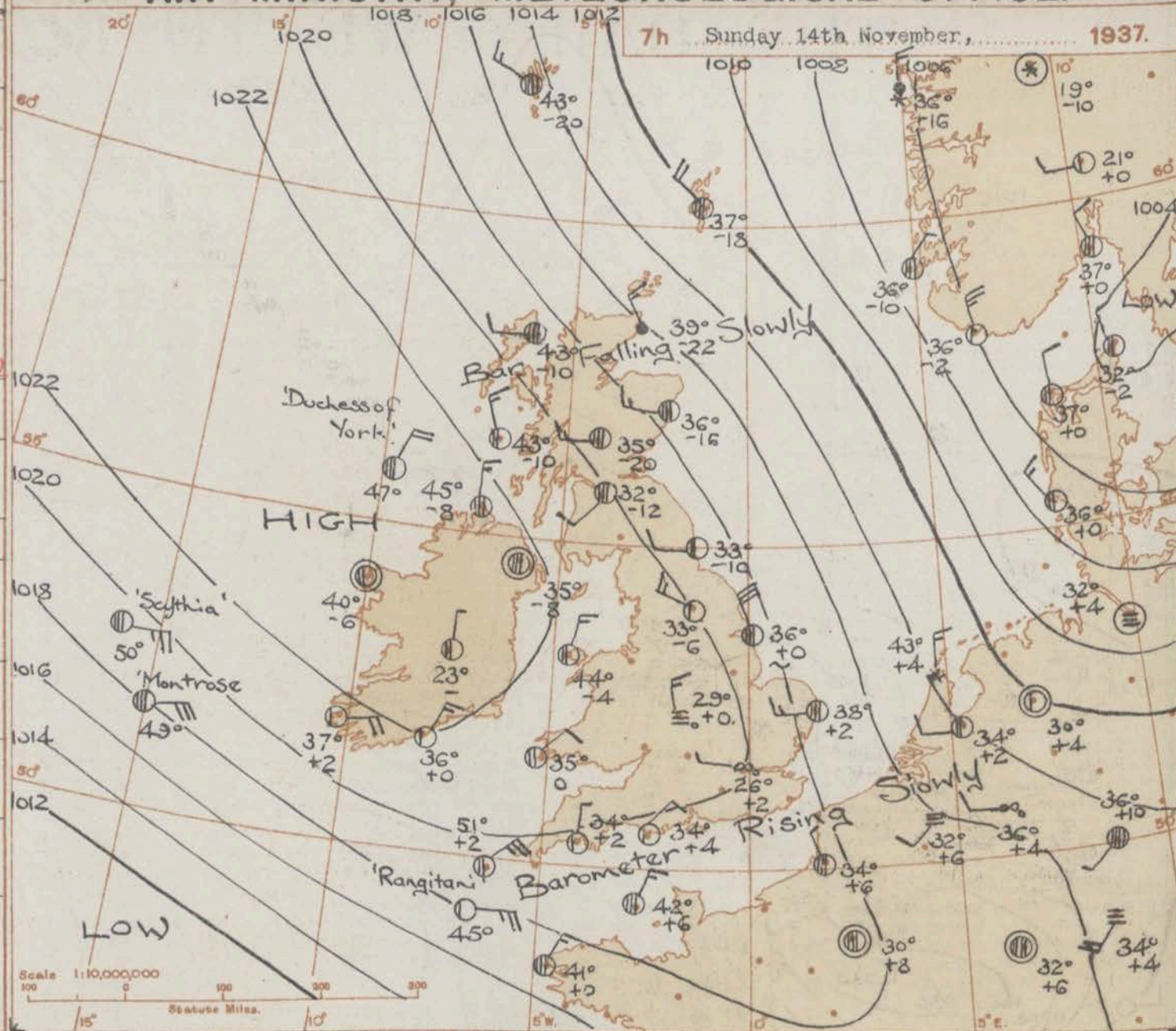
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

REPORTS from HEALTH RESORTS for 15th November 1937.

STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE (hrs.)
	Forenoon.	Afternoon.	Min. 9h. to 12h. 15th.	Max. 12h. to 17h. 15th.	Night. 17h. to 9h. 15th.	Day. 9h. to 17h. 15th.	
1 Tunbridge W.	mb	bm	23	41	—	—	4.6
Bournemouth	b	b	30	45	—	—	6.4
Ventnor	xbz	bz	36	49	—	—	8.0
Southsea	bcb	b	31	45	—	—	5.6
Bognor Regis	b	b	32	45	—	—	7.6
Littlehampton	b	b	30	45	—	—	7.4
Worthing	b	b	31	44	—	—	7.3
Brighton	bc	bc	31	44	—	—	7.5
Eastbourne	b	bzb	34	46	—	—	6.4
Hastings	b	bm	33	45	—	—	7.0
Folkestone	b	b	34	44	—	—	7.6
Dover	bm	mbc	35	45	—	—	6.6
Deal	cbcb	b	32	42	—	—	6.4
Ramsgate	bcm	bcm	37	45	—	—	4.2
Margate	bc	bc	39	43	—	—	6.5
2 Southend	b	b	32	44	Tr	—	6.2
Clacton-on-Sea	bcb	bcm	30	42	—	—	6.6
Dovercourt	abc	bc	33	42	—	—	0.3
Lowestoft	bcb	bcb	33	42	2	Tr	5.1
Skegness	bc	bc	31	42	—	—	2.9
Mablethorpe	bcb	bc	32	41	—	—	3.7
Cleethorpe	bc	bc	31	42	—	—	4.6
3 Leamington S.	b	b	26	41	—	—	5.8
4 Cheltenham	fxb	bf	30	41	—	—	4.8
5 Bath	bcb	bcb	29	43	Tr	—	6.5
Weymouth	b	b	33	50	—	—	1.3
Jersey	bcc	bcc	47	51	Tr	—	5.4
Torquay	wmb	bcb	35	47	—	—	7.1
Falmouth	b	b	41	52	—	—	3.2
Penzance	bcb	cb	44	51	—	—	0.0
St. Ives	c	c	44	53	5	—	1.0
Bude	cbc	bc	35	48	0.3	—	0.7
Ilfracombe	bcb	bcb	40	48	—	—	2.5
6 Aberystwyth	bcb	bcb	36	44	—	—	4.1
7 Llandudno	cbc	cbp	33	44	0.2	Tr	4.6
Colwyn Bay	bcb	bcb	33	43	—	Tr	5.2
Rhyl	abc	bc	28	44	0.2	—	7.4
8 Wallasey	xb	b	32	43	Tr	—	6.5
Southport	cb	b	28	43	—	—	7.4
Blackpool	bx	b	29	43	—	—	7.2
Morecambe	zbc	bcb	26	43	—	—	6.6
9 Ilkley	b	b	26	44	—	—	6.8
Harrogate	b	b	28	41	—	—	5.7
10 Berwick-on-T.	bc	bcb	33	42	—	—	4.3
11 Dunbar	bcm	bc	30	42	—	—	5.3
12 Troon	xbcb	bcb	29	43	—	—	6.3
Douglas	cbix	bcb	31	45	0.5	—	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th November, 1937.

1 S.E. England	Light or moderate northwesterly or variable winds; fair at first, becoming cloudy with local showers later; local mist or fog night and early morning; cold with frost at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light variable or easterly winds, becoming west to northwest; fair; local morning mist; frost locally inland; becoming milder.
6 South Wales	
7 North Wales	Moderate west to northwest wind; cloudy; local rain with sleet on high ground; becoming less cold.
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh northwest winds; cloudy; occasional rain or sleet spreading from north; cold at first; average temperature later.
12 S.W. Scotland & Isle of Man	
13 A.W. Scotland, B.N.W. Scotland	
14 Mid Scotland	
15 N.E. Scotland	Light or moderate northerly or variable wind; cloudy; fair periods; local showers; temperature rather below average.
16 Orkney and Shetland	
17 N.W. Ireland	Light or moderate easterly or variable wind; fair; rather cold; frost inland at night.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

An anticyclone centred northwest of Ireland is decreasing in intensity while a trough of low pressure north of Scotland is moving southeast. Weather will be cloudy in Scotland and Northern Ireland with local rain or sleet spreading from the North. Elsewhere weather will be mainly fair. Milder conditions will spread from the North.

FURTHER OUTLOOK.

Fair in the Southwest; rather unsettled elsewhere. Temperatures becoming normal.

Forecast issued at 1030 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

37.

21° 60'

1004

LOW

32° 12'

1004

LOW

36° 10'

1004

LOW

36° 10'

1004

LOW

34° 10'

1004

LOW

34° 10'

1004

LOW

34° 10'

1004

LOW

34° 10'

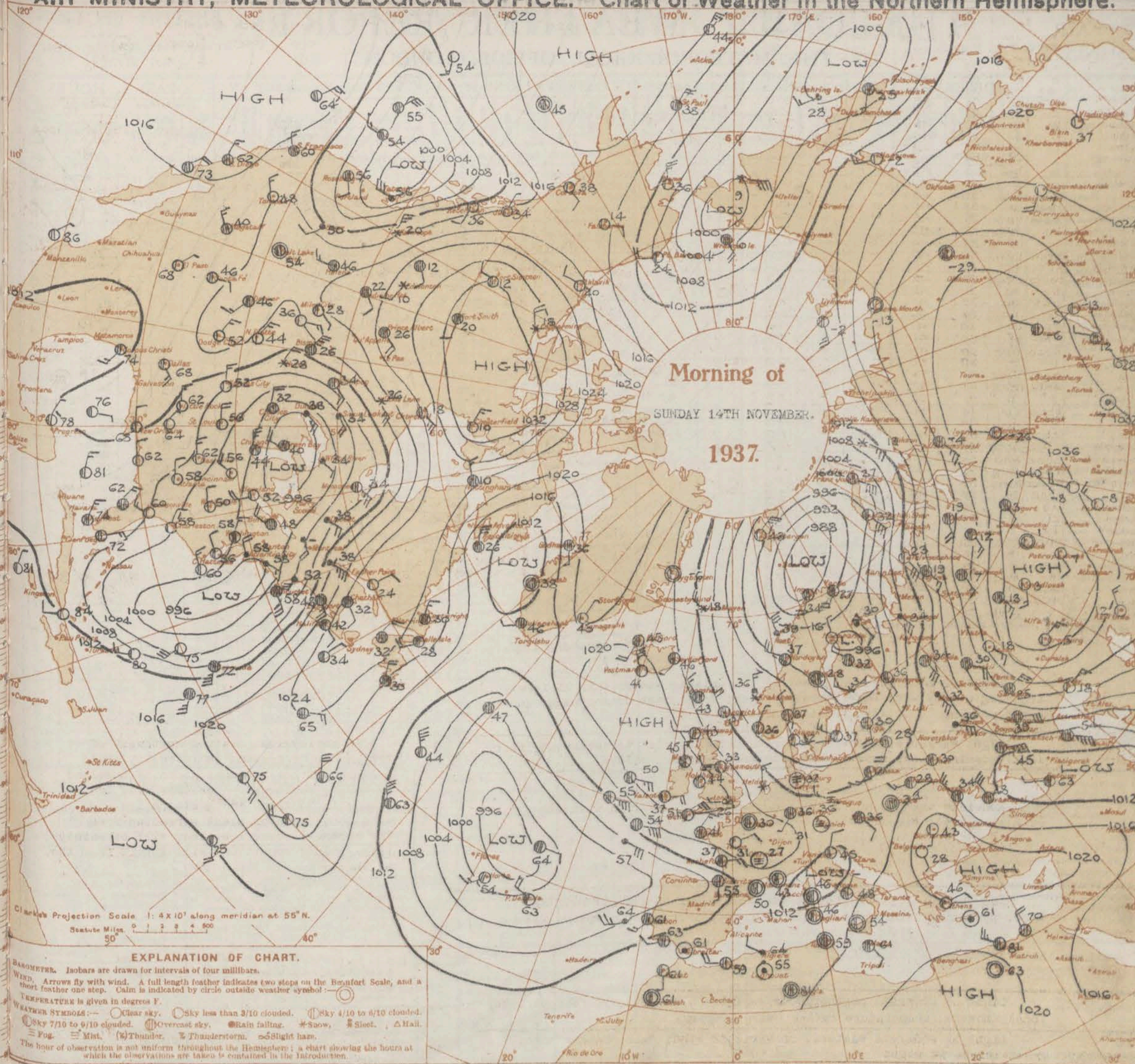
1004

LOW

34° 10'

1004

LOW



No. 27752

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

ground covered with thawing snow.

" covered with snow, less than 6 ins., deep but ground not frozen.

" covered with snow, less than 6 ins., but ground frozen.

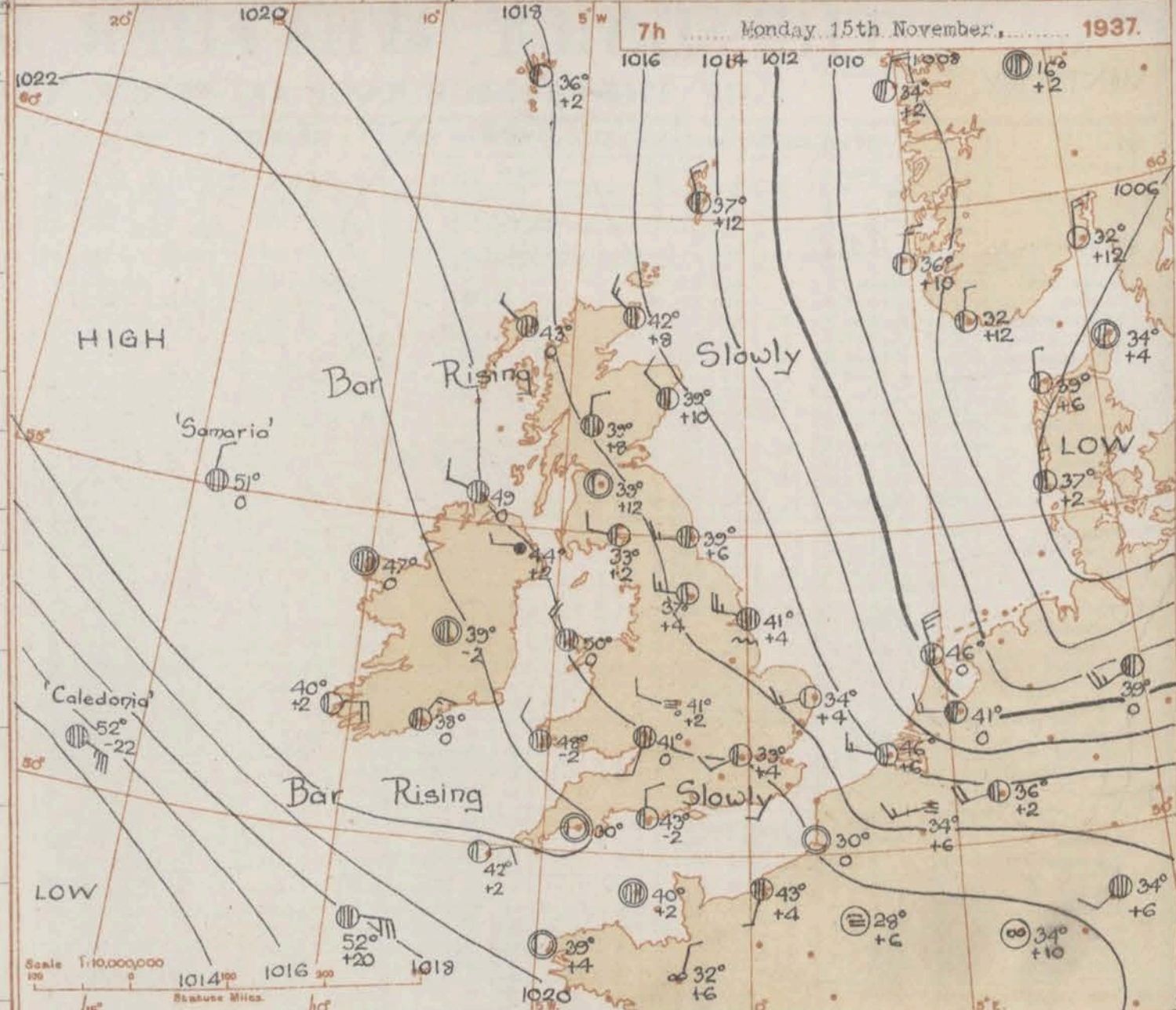
" covered with snow greater than 6 ins. deep.

! Sea disturbance reported from Dungeness.

STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
	Fore-noon.	After-noon.	Min. 9h. to 12h.	Max. 12h. to 3h.	Night. 12h. to 17h.	Day. 9h. to 17h.	
1 Tunbridge W.	mb	bm	24	42	-	-	6.4
Bournemouth	b	b	26	44	-	-	7.6
Ventnor	bz	bz	30	46	-	-	7.4
Southsea	b	b	29	43	-	-	6.9
Bognor Regis	b	b	29	44	-	-	7.4
Littlehampton	b	b	27	45	-	-	7.3
Worthing	b	b	30	43	-	-	7.5
Brighton	b	bc	30	43	-	-	7.0
Eastbourne	b	b	31	45	-	-	7.2
Hastings	bxb	bxc	29	46	-	-	6.8
Folkestone	bxb	bxc	32	44	-	-	5.4
Dover	bm	bem	33	45	-	-	5.7
Deal	b	b	32	43	-	-	5.1
Ramsgate	bc	bcc	35	44	-	-	5.2
Margate	bc	bc	38	42	-	-	4.0
2 Southend	b	b	30	43	Trace	-	5.5
Clacton-on-Sea	b	b	29	40	-	-	3.8
Dovercourt	b	b	31	40	-	-	3.5
Lowestoft	b	b	33	41	4	-	2.3
Skegness	b	b	32	39	Trace	-	1.4
Mablethorpe	b	b	32	37	0.3	-	0.7
Cleethorpe	b	b	31	39	-	Trace	0.3
3 Leamington S.	bz	bz	22	39	-	-	2.5
4 Cheltenham	b	b	22	40	-	-	4.2
5 Bath	b	b	24	42	-	-	7.6
Weymouth	b	b	28	44	-	-	6.2
Jersey	b	b	40	48	-	-	7.9
Torquay	bz	bz	30	44	-	-	7.9
Falmouth	b	b	35	45	-	-	2.0
Penzance	b	b	34	47	-	-	8.0
St. Ives	b	b	36	42	-	-	3.6
Rude	b	b	25	46	-	-	7.7
Ilfracombe	b	b	32	46	-	-	7.9
6 Aberystwyth	b	b	29	46	-	-	5.3
7 Llandudno	b	b	30	46	-	Trace	0.3
Colwyn Bay	b	b	33	45	-	Trace	0.1
Rhyl	b	b	26	45	-	Trace	0.1
8 Wallasey	b	b	28	45	-	Trace	1.1
Southport	b	b	25	44	-	0.2	2.4
Blackpool	b	b	26	45	-	Trace	2.9
Morecambe	b	b	24	43	-	-	3.0
9 Ulkeley	b	b	28	42	-	-	4.1
Harrogate	b	b	28	42	-	-	3.8
10 Berwick-on-T.	b	b	35	43	-	-	0.1
11 Dunbar	b	b	33	45	-	-	0.0
12 Troon	b	b	33	48	-	-	0.2
Douglas	b	b	33	45	-	-	1.2

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



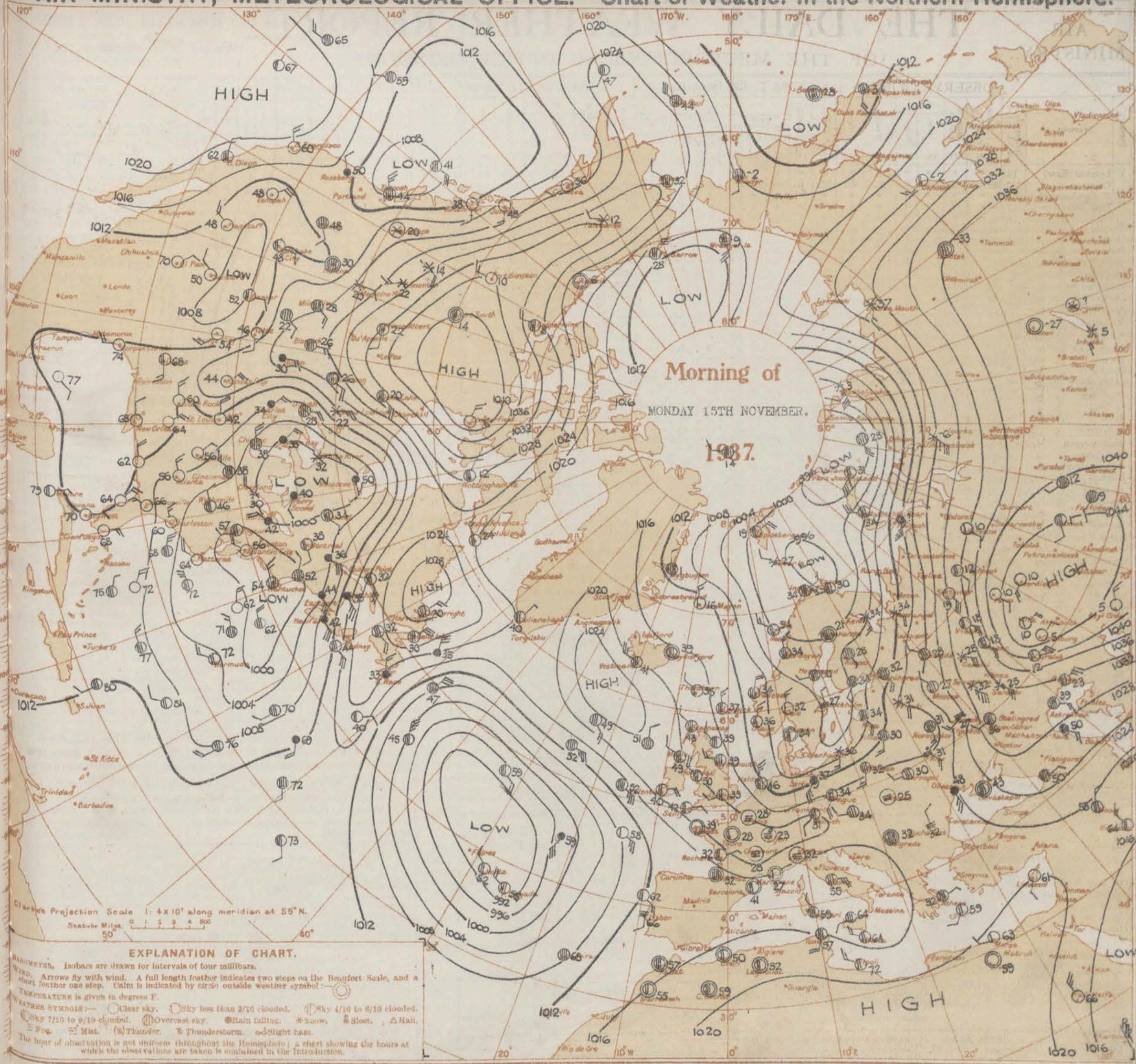
DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th November, 1937.
1 S.E. England	Light northwest winds; fair apart from rather extensive fog, rather cold, night frost.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light variable winds; mainly fair, morning fog locally; rather cold night frost
6 South Wales	
7 North Wales	Light northwest winds; fair periods; local showers, rather cold.
8 N.W. England	
9 N. Midlands	As 1 to 4.
10 N.E. England	
11 S.E. Scotland	Moderate north or northwest winds; mainly fair apart from local showers, sleet or snow on high ground, rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Light variable winds; mainly fair, rather cold, night frost inland.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	Moderate east winds, fair, rather cold.

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

GENERAL INFERENCE.
An anticyclone extends from the south of Ireland southeastwards to France. There will be local showers in the north and northwest but elsewhere weather will be fair apart from morning fog which will be rather extensive in the Midlands. Temperatures will be rather low with night frosts.

FURTHER OUTLOOK.
Fair in most districts apart from extensive fog in Midland and Eastern counties.

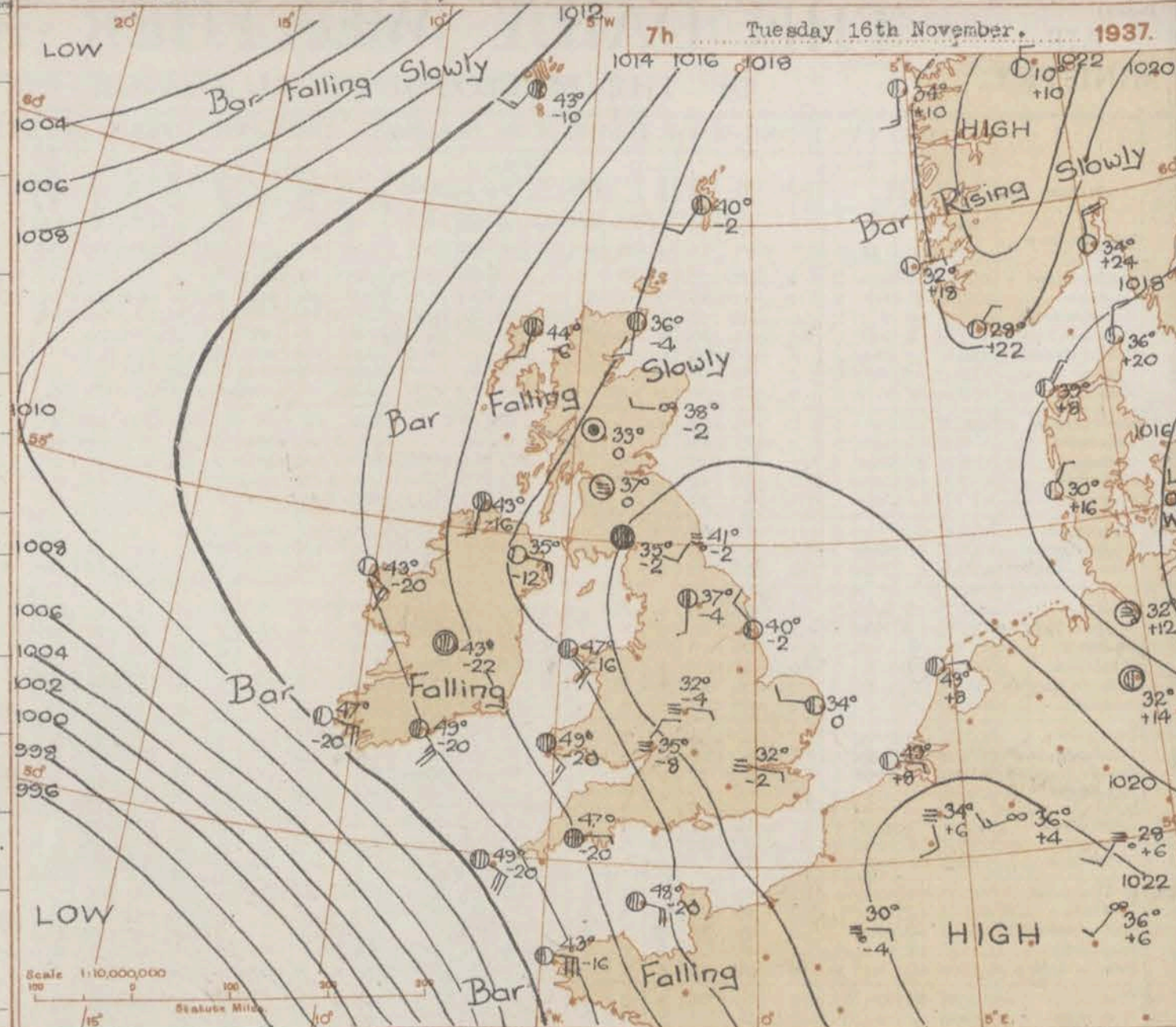
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.



DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
		Fore-noon.	After-noon.	Min. 9h. to 15h.	Max. 15h. to 15h.	Night 17h. to 9h. 15h.	Day 9h. to 15h.	
1	Tunbridge W.	mbb	bbco	24	47	-	-	6.3
	Bournemouth	bcc	co	30	49	-	-	2.5
	Ventnor	xco	o	34	48	-	-	0.1
	Southsea	c	co	31	47	-	-	0.0
	Bognor Regis	c	o	31	45	-	-	0.0
	Littlehampton	c	c	29	46	-	-	0.0
	Worthing	cbc	c	30	49	-	-	0.3
	Brighton	cbc	bcco	32	49	-	-	3.3
	Eastbourne	bc	bbco	35	50	-	-	6.3
	Hastings	b	bbcc	30	51	-	-	7.5
	Folkestone	bx b	bbf	32	48	-	-	6.5
	Dover	bm	mbf	36	43	-	-	7.3
2	Deal	mb	bbm	33	45	-	-	7.2
	Ramsgate	bcm	bcm	33	45	-	-	4.5
	Margate	c	bc	36	44	-	-	3.1
	Southend	bfbm	bbm	32	49	Trace	-	3.0
	Clacton-on-Sea	bfbm	bcm	31	45	Trace	-	5.0
	Dovercourt	foe	bcm	35	45	Trace	-	4.6
3	Lowestoft	bcm	bbcm	31	47	-	0.4	6.6
	Skegness	bc	bbc	30	47	Trace	-	5.0
	Mablethorpe	bcx	bcm	33	48	-	-	5.2
	Cleethorpe	bc	bcc	33	48	-	-	4.9
	Leamington S.	adc	bcm	31	46	Trace	Trace	0.2
	Cheltenham	omco	cc	31	48	Trace	Trace	0.0
4	Bath	c	c	28	49	-	-	0.0
	Weymouth	bcc	c	29	48	-	-	2.0
	Jersey	c	cbcc	35	53	-	-	0.4
	Torquay	bmo	bbcm	30	52	-	-	3.5
	Falmouth	b	b	34	52	-	-	7.9
	Fenanz	b	b	32	51	-	-	8.4
5	St. Ives	b	b	34	(52)	-	-	8.2
	Bude	xbbc	c	25	51	-	-	4.0
	Ilfracombe	ococ	occo	36	49	-	-	0.0
	Aberystwyth	cd	prc	40	50	Trace	0.5	0.0
	Llandudno	epc	ebcr	37	51	1	Trace	1.0
	Colwyn Bay	ccbc	bepc	42	52	2	0.3	0.7
6	Rhyl	cro	bccr	29	51	1	2	0.4
	Wallasey	bc	bc	32	47	0.5	-	1.7
	Southport	fbcc	bbcm	28	49	0.1	-	4.7
	Blackpool	bmb	bcb	33	49	Trace	Trace	5.3
	Morecambe	bbcc	bbmc	27	48	Trace	Trace	7.8
	Ilkley	beb	bc	30	50	-	-	5.6
7	Harrogate	beb	cbcb	32	47	-	-	3.9
	Berwick-on-T.	bcc	rmc	38	47	Trace	Trace	0.7
	Dunbar	bc	bepc	37	46	0.3	Trace	0.4
	Troon	xfbcb	bccoc	34	50	-	-	3.7
	Douglas	cbir	cbbc	34	51	-	-	2.3

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T., 16th November, 1937.

1 S.E. England	Light or moderate southeast winds, freshening; local fog; becoming fair; rather cold, becoming average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Strong southeast wind, a gale locally; cloudy; occasional rain later; average temperature.
6 South Wales	
7 North Wales	
8 N.W. England	Moderate or fresh southeast winds; mainly fair; local fog at first; average temperature.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	Light or moderate south or southwest winds; mainly fair; average temperature.
13 { A.W. Scotland, B.N.W. Scotland	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Fresh or strong southeast winds; cloudy; local rain later; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	Southeast winds, a gale locally; cloudy; occasional rain later; average temperature.
20 S.W. Ireland	

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

GENERAL INFERENCE.

An anticyclone over France and Eastern England is moving east and a depression off Southwest Ireland is moving north. Weather will become unsettled in the southwest and western districts but will be fair in the East after local fog at first.

FURTHER OUTLOOK.

Unsettled in the western areas; milder generally.

TIME OF ISSUE OF GALE WARNINGS.

South Cone hoisted at 0510 G.M.T. on 16th in districts 5, 6, 19 and 20.

Forecasts issued at 1035 G.M.T.

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

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

37.

1020

1018

36° +20

1016

1014

32° +12

32° +14

1020

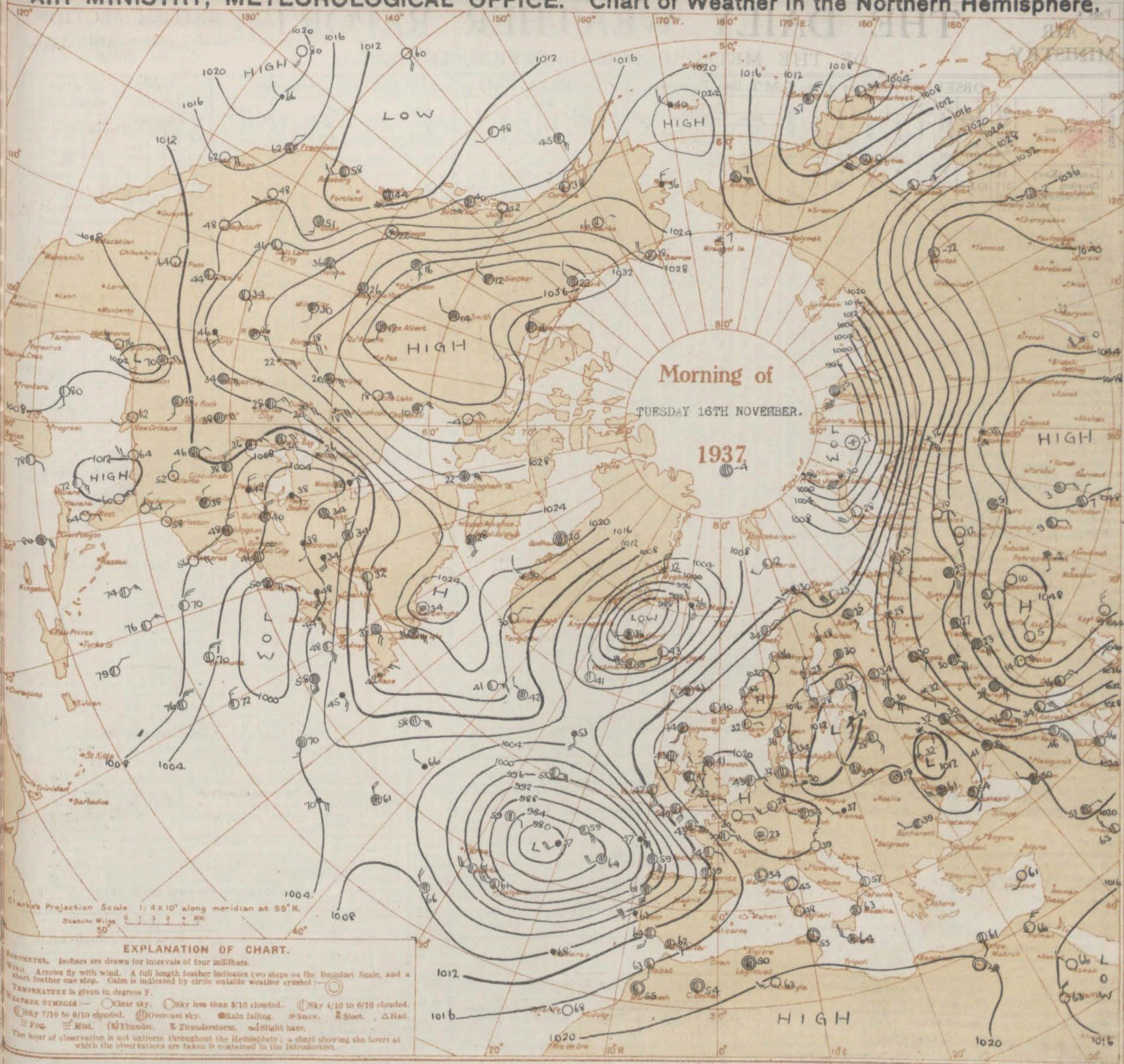
1022

36° +6

h in

F.R.S.

ctor.



DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm.)		SUNSHINE (h.)
		Fore-noon.	After-noon.	Min. 9h. 15h. to 16h.	Max. 9h. 15h. to 16h.	Night. 17h. 15h. to 16h.	Day. 9h. 15h. to 16h.	
1	Tunbridge W.	bco	bco	26	45	-	-	2.0
	Bournemouth	oc	c	32	49	-	-	0.3
	Ventnor	obo	cobc	43	51	-	-	0.6
	Southsea	cbe	ccb	38	43	-	-	0.2
	Bognor Regis	ocbe	bcc	36	43	-	-	0.7
	Littlehampton	oc	c	33	49	-	-	0.3
	Worthing	cbe	cbcc	36	45	-	-	0.5
	Brighton	cbe	bc	36	43	-	-	1.3
	Eastbourne	fbce	bacbe	33	50	-	-	3.2
	Hastings	cmbe	bcc	35	50	Trace	-	2.7
	Folkestone	cxbb	bbee	35	50	-	-	3.6
	Dover	fbce	bcm	33	51	0.3	-	3.7
2	Deal	fbce	bcco	30	48	-	-	3.3
	Ramsgate	befm	bcm	32	49	Trace	-	4.1
	Margate	cfbc	bc	34	50	-	-	4.3
	Southend	befc	cbbe	31	48	Trace	-	2.2
	Clacton-on-Sea	befc	co	32	48	-	0.3	2.2
	Dovercourt	xfbc	pbc	31	47	Trace	Trace	1.7
	Lowestoft	fbmbe	bbee	29	50	0.4	Trace	6.0
	Skegness	cbb	b	30	48	Trace	-	5.2
	Mablethorpe	cxmbe	bcc	30	47	-	Trace	3.3
	Cleethorpe	cbef	bcc	32	46	Trace	-	3.6
	Leamington S.	ofoc	c	25	39	-	-	0.3
	Cheltenham	mco	oc	34	43	Trace	-	0.0
3	Bath	c	c	33	44	-	-	0.0
	Weymouth	c	c	39	51	-	-	0.0
	Jersey	c	c	43	48	-	-	0.2
	Torquay	c	cgu	36	52	-	-	0.0
	Falmouth	c	pcgga	36	51	-	-	0.0
	Penzance	cgc	cq	41	54	-	-	0.0
	St. Ives	c	c	33	39	-	-	0.0
	Bude	c	cbe	30	51	-	-	0.0
	Ilfracombe	coc	oc	44	49	-	-	0.0
	Aberystwyth	zbec	cz	42	47	-	-	2.1
	Llandudno	xb	bbcc	36	45	-	-	4.3
	Colwyn Bay	bcbbe	bbcb	37	46	-	-	5.9
4	Rhyl	gbm	zbm	32	44	-	-	5.0
	Wallsley	cfbc	bc	38	44	-	-	1.0
	Southport	bxfbm	bbcm	28	42	-	-	2.0
	Blackpool	pmb	bcm	30	46	-	-	3.7
	Morecambe	bc	bcc	33	48	-	-	4.4
	Ilkley	mbe	bc	27	43	-	-	6.9
	Harrogate	cb	b	32	44	-	-	6.1
	Berwick-on-T.	o	c	40	45	-	-	0.0
	Dunbar	bcr	bcm	39	47	Trace	-	0.4
	Troon	occe	pbcc	37	45	0.5	Trace	1.7
	Douglas	cbx	cbf	35	47	-	-	3.5

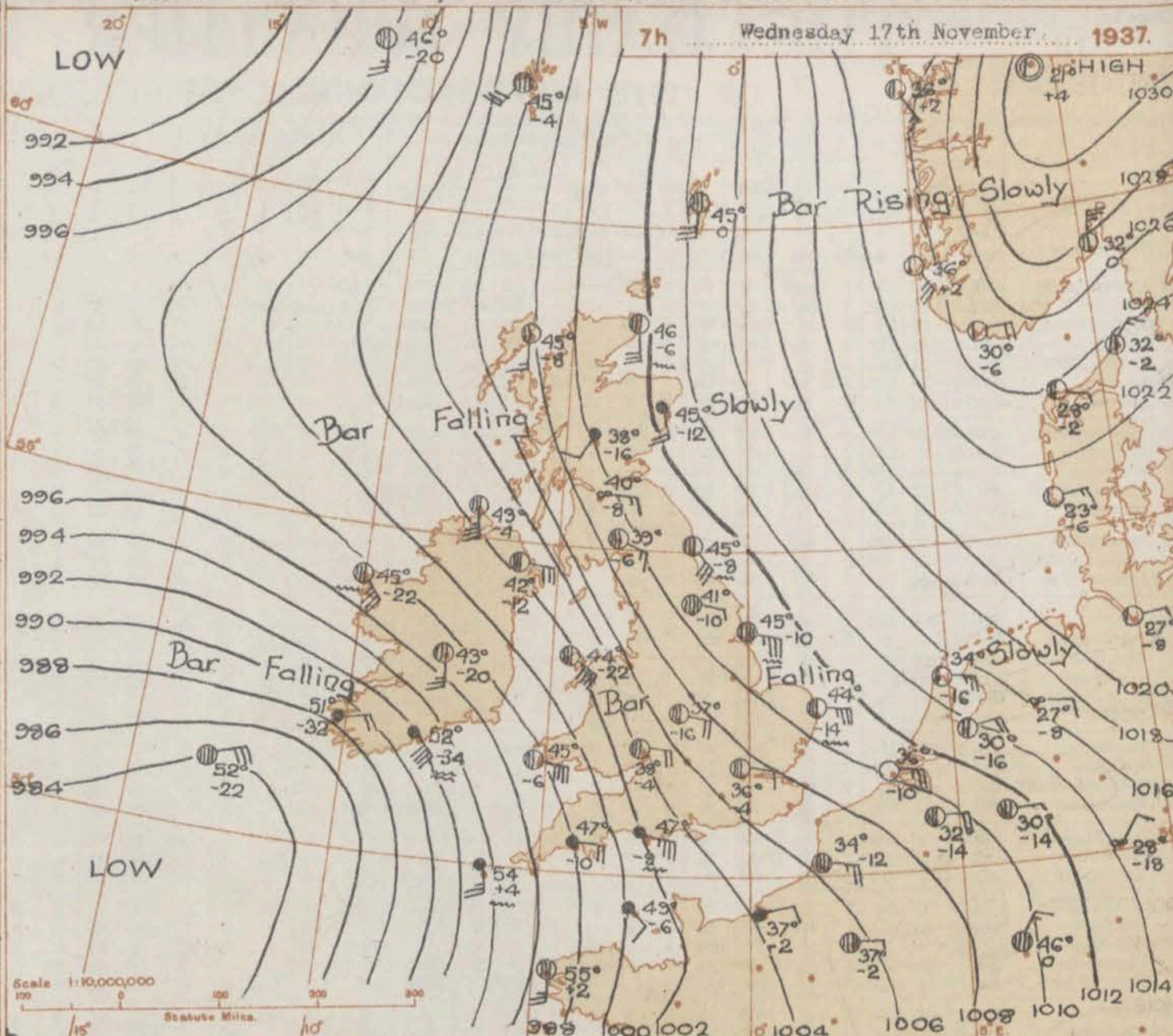
† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-2h.

DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th November, 1937.

1 S.E. England	Fresh or strong east to southeast winds, gale locally, dull, rain today, fairer periods tomorrow, rather cold becoming milder.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Fresh to strong southeast to south winds, a gale locally, moderating, rainy today, fair periods tomorrow, rather mild.
6 South Wales	
7 North Wales	Strong east to southeast winds, a gale locally, fair at first, rain later, average temperature.
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Strong southeast winds, fair today, rain later, average temperature.
12 S.W. Scotland & Isle of Man	
13 { A.W.Scot. B.N.W.Scot. land.	Strong south winds, a gale locally, mainly fair, average temperature.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	As 7 - 10.
19 S.E. Ireland	As 4 - 6.
20 S.W. Ireland	

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

AIR MINISTRY, METEOROLOGICAL OFFICE



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

GENERAL INFERENCE.

An intense depression off southwest Ireland is moving north. Weather will be mild and cloudy with occasional rain in the South, while a belt of rain will move steadily northwards over England and Wales reaching the northern counties early tomorrow.

FURTHER OUTLOOK.

Unsettled generally and milder than of late.

TIMES OF ISSUE OF GALE WARNINGS.

V South Cone hoisted at 0510 G.M.T. on 16th in dists. 5, 6, 19 and 20, and at 1415 G.M.T. on 16th in dists. 1, 7, 8, 12, and 17.

V South Cone hoisted at 0540 G.M.T. on 17th in dists. 13A and 13B, and 18, and at 0810 G.M.T. on 17th in dists. 2, 10, 11, 15 and 16.

Forecasts issued at 1040 G.M.T.

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

REPORTS from HEALTH RESORTS for 17th November 1937.

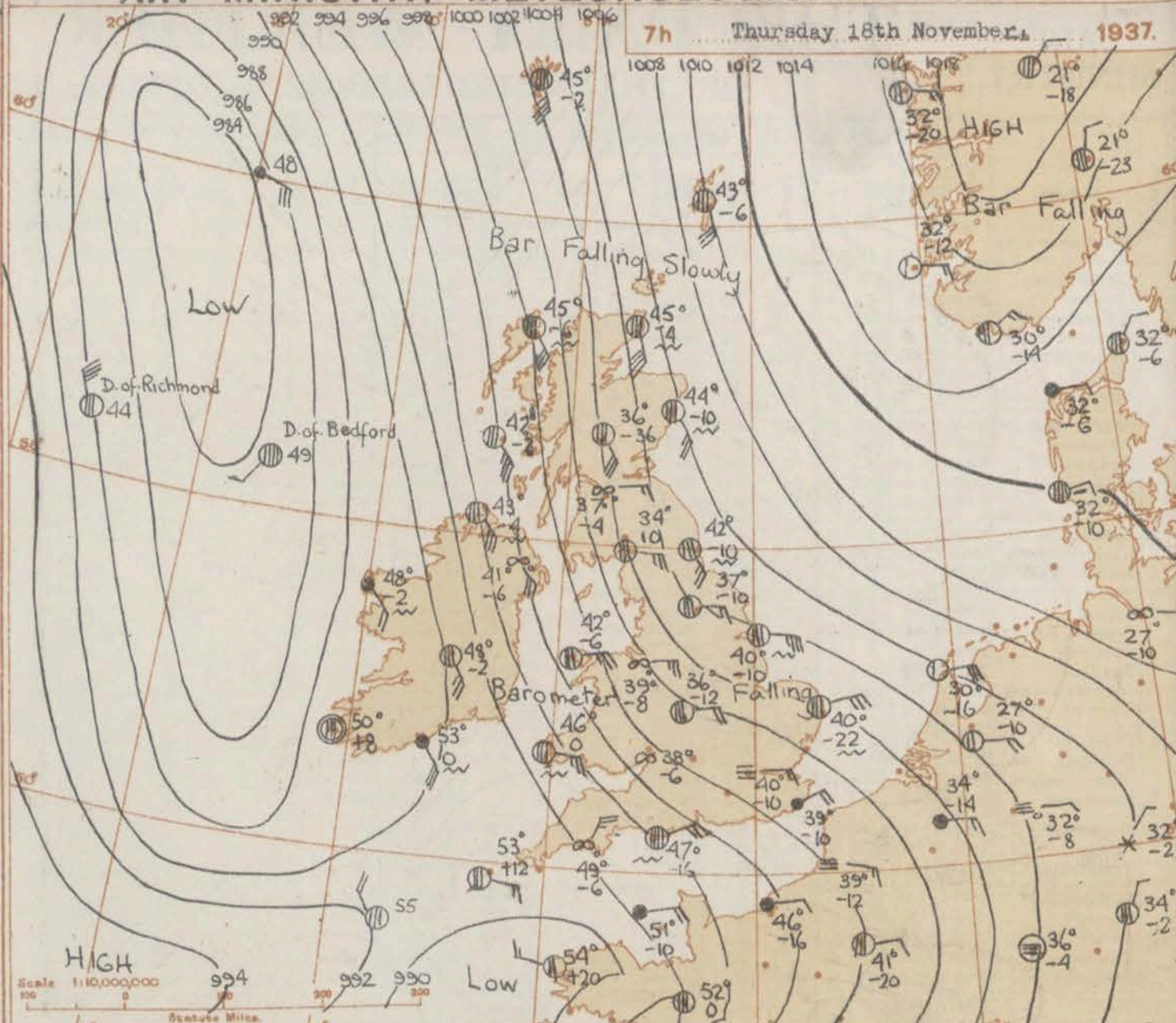
DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (min.)		SUNSHINE (hrs.)
		Forenoon.	Afternoon.	Min.	Max.	Night.	Day.	
				9h. to 12h.	12h. to 3h.	12h. to 1h.	1h. to 17h.	
1	Tunbridge W.	ood	ad	35	38	-	2	0.0
	Bournemouth	o	r	42	44	2	3	0.0
	Ventnor	or	orm	43	44	2	3	0.0
	Southsea	oro	oro	41	42	Trace	1	0.0
	Bognor Regis	o	orro	41	44	Trace	1	0.0
	Littlehampton	o	or	41	42	-	0.3	0.0
	Worthing	ad.	ad.	40	41	Trace	Trace	0.0
	Brighton	cdc	d	41	42	Trace	Trace	0.0
	Eastbourne	oro	oro	41	45	0.3	1	0.0
	Hastings	or	admd	37	44	Trace	4	0.0
	Folkestone	or	orr	38	40	-	5	0.0
	Dover	or	or	39	44	-	2	0.0
2	Deal	o	oro	37	42	-	Trace	0.0
	Ramsgate	cm	cm	39	42	-	-	0.0
	Margate	c	cd	40	42	-	Trace	0.0
	Southend	o	ador	32	42	-	1	0.0
	Clacton-on-Sea	bcc	cor	35	44	-	Trace	0.0
	Dovercourt	bcc	oc	35	43	-	-	0.0
	Lowestoft	bcc	c	38	-	-	-	1.5
	Skogness	bcc	bc	35	45	-	-	4.9
	Mablethorpe	bcc	bcc	44	45	-	-	2.8
	Cleethorpe	bcc	bcc	33	44	-	-	2.7
	Leamington S.	o	o	30	43	-	-	0.0
	Cheltenham	coc	co	36	43	-	-	0.0
3	Bath	rc	rcr	36	42	Trace	2	0.0
	Weymouth	qrr	rre	45	48	Trace	8	0.0
	Jersey	rre	prbc	42	58	11	0.2	1.5
	Torquay	orrq	orqp	47	50	14	16	0.0
	Falmouth	c	c	47	58	13	-	1.3
	Penzance	qc	cq	48	58	13	-	1.8
	St. Ives	c	c	37	53	13	-	0.0
	Bude	c	cpbcc	44	51	-	3	0.1
	Ilfracombe	oc	cbe	43	49	-	-	2.1
	Aberystwyth	cir	irc	40	45	-	1	0.0
	Llandudno	e	c	39	43	-	-	0.0
	Colwyn Bay	oc	coc	39	42	-	-	0.0
4	Rhyl	c	c	35	42	-	-	0.0
	Wallassey	cbe	bc	35	42	-	-	0.0
	Southport	c	c	29	42	-	-	0.0
	Blackpool	cbe	c	36	42	-	-	0.1
	Morecambe	c	cbe	37	44	-	-	0.3
	Ilkley	c	c	30	42	-	-	0.0
	Harrogate	c	bccbc	35	42	-	-	0.5
	Berwick-on-T.	cbe	bc	41	45	0.4	-	0.9
	Dunbar	cm	cm	39	45	Trace	-	2.5
	Tron	xbcc	coc	33	40	-	-	0.0
	Douglas	qm	am	42	50	-	-	0.0

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th November, 1937.
1 S.E. England	Fresh or strong east to southeast winds; dull periods; occasional rain; average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Moderate or fresh southeast winds; cloudy; occasional rain; rather mild.
6 South Wales	
7 North Wales	As 1 - 4.
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	Strong southeast to south winds; mainly cloudy; local showers; average temperature.
12 S.W. Scotland & Isle of Man.	
13 A.W. Scotland & N.W. Scotland	Strong south winds and gale locally; mainly cloudy; average temperature.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	Fresh or strong southeast to south winds; dull periods; occasional rain; average temperature.
19 S.E. Ireland	As 5 - 6.
20 S.W. Ireland	

N.W. Stationery Office Press, Liverpool, W.C.2

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

GENERAL INFERENCE.

A complex area of low pressure covers Ireland and Western France. Weather will be unsettled in the South and West with occasional rain. In the North it will be fair in most places. Temperatures will be about average generally.

FURTHER OUTLOOK.

Unsettled in most places.

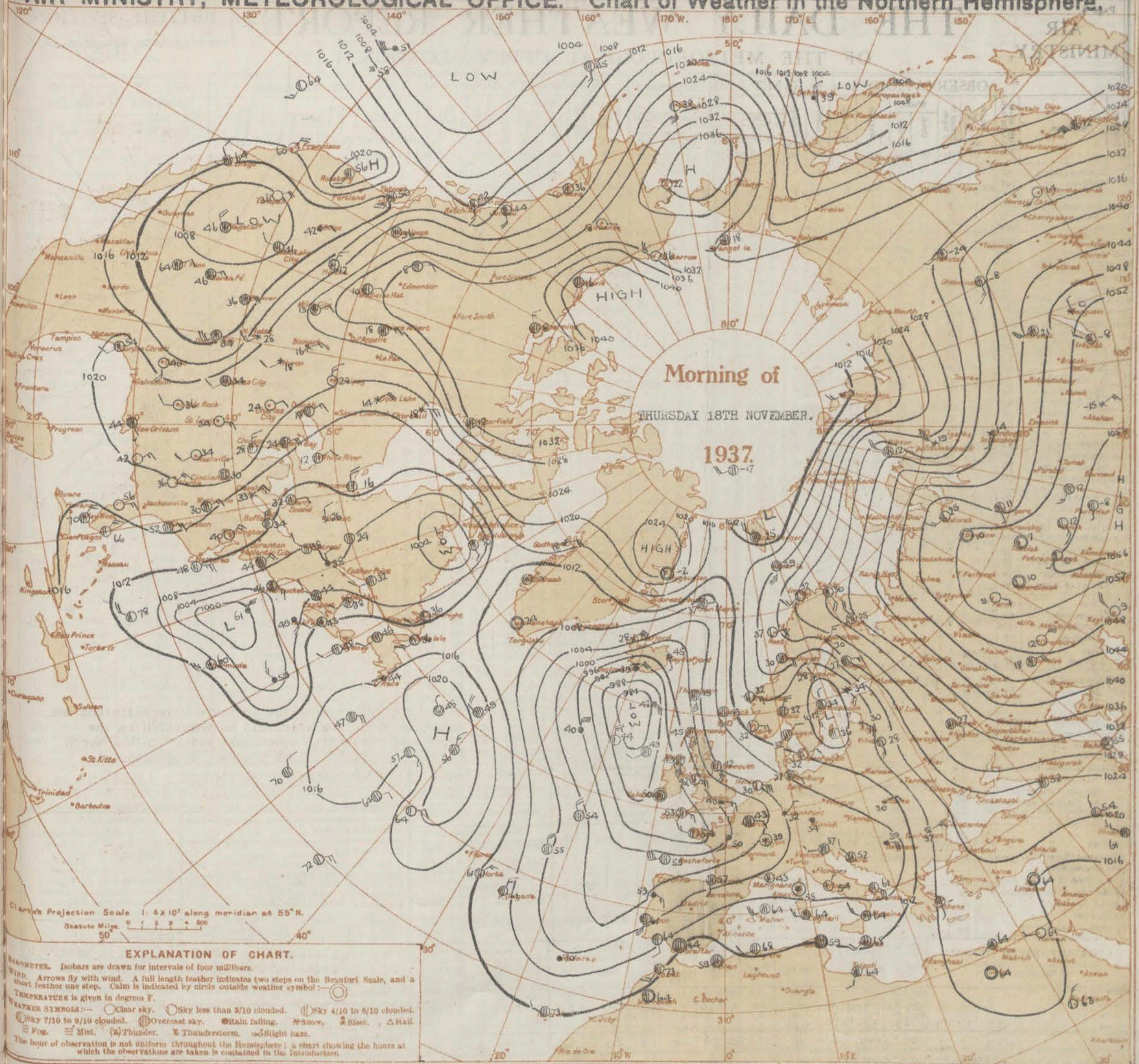
TIMES OF ISSUE OF GALE WARNINGS.

- South Cone hoisted at 0510 G.M.T. on 16th in dist. 19 and at 1415 G.M.T. on 16th in dists. 1. 7. 8. 12.
- South Cone hoisted at 0540 G.M.T. on 17th in dists. 13A and 13B, and 18, and at 0810 G.M.T. on 17th in dists. 2. 10. 11. 15 and 16.

Forecasts issued at 1040 G.M.T.

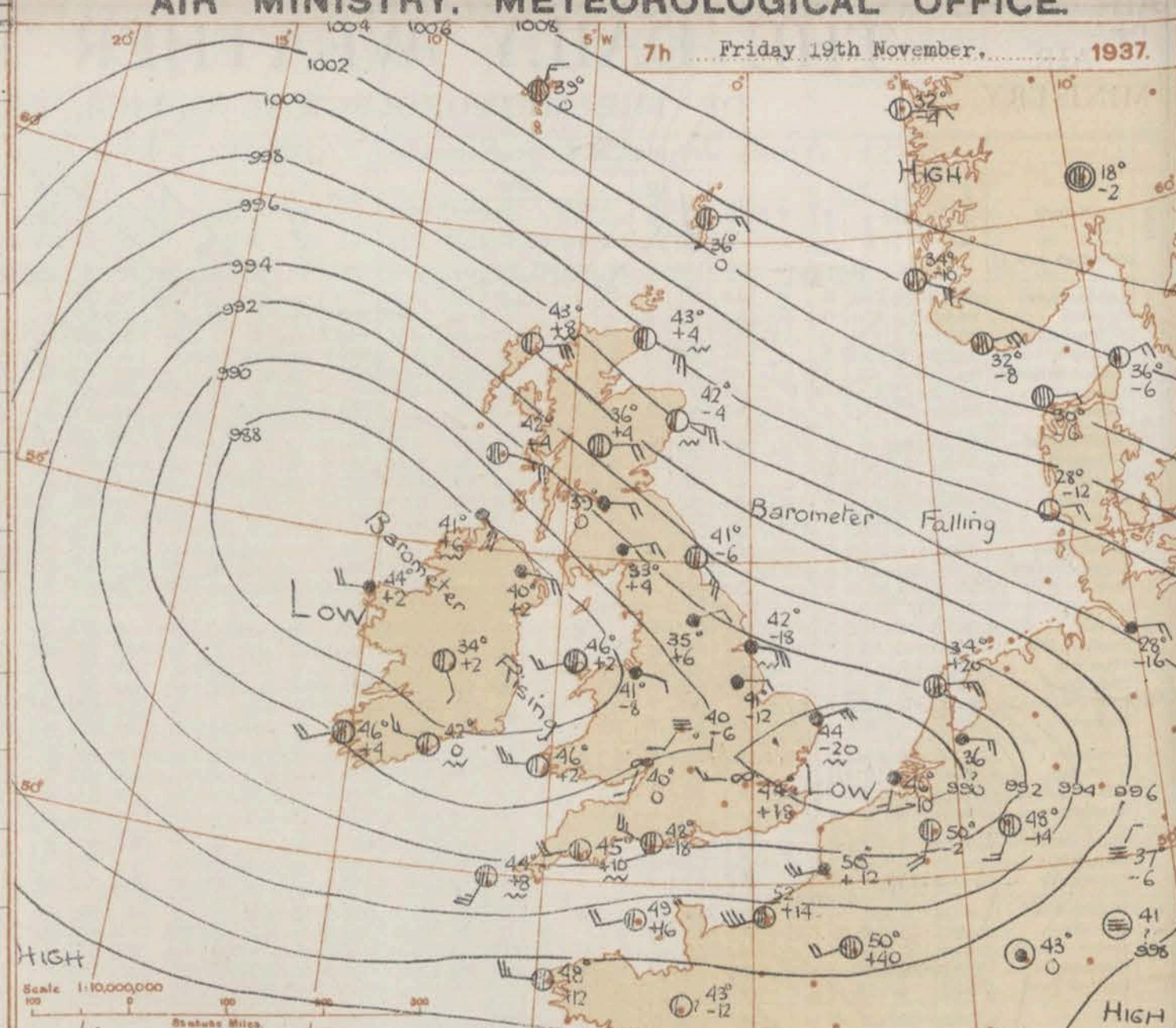
GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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



STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		Sunshine (hrs)
	Forenoon.	Afternoon.	Min. 9h. to 12h. 18th.	Max. 12h. to 3h. 18th.	Night. 12h. to 9h. 18th.	Day. 9h. to 12h. 18th.	
1 Tunbridge W.	ofc	ofc	36	42	2	-	0.0
Bournemouth	fom	ondm	39	44	3	0.3	0.0
Ventnor	rdm	odm	40	48	1	0.5	0.0
Southsea	o	om	40	45	2	0.0	0.0
Bognor Regis	o	orr	39	44	1	0.5	0.0
Littlehampton	o	oid	39	44	1	0.2	0.0
Worthing	o	od	39	43	1	Trace	0.0
Brighton	cdc	cdc	39	45	1	0.2	0.0
Eastbourne	o	ordd	43	48	1	0.0	0.0
Hastings	ofmo	omd	42	46	2	Trace	0.0
Folkestone	oFo	om	38	44	12	-	0.0
Dover	of	om	41	45	13	-	0.0
Deal	o	o	40	43	6	0.3	0.0
Ramsgate	om	om	40	43	8	-	0.0
Margate	cd	c	39	43	10	Trace	0.0
2 Southend	odoe	oe	40	44	4	Trace	0.0
Clacton-on-Sea	o	om	40	44	4	-	0.0
Dovercourt	roc	doc	40	44	4	Trace	0.0
Lowestoft	c	ccirc	38	42	-	Trace	0.0
Skegness	opo	op	39	42	-	Trace	0.0
Mablethorpe	cd	cd	40	42	-	Trace	0.0
Cleethorpe	c	c	39	41	-	-	0.0
3 Llanymonast	od	od	37	39	-	Trace	0.0
4 Cheltenham	om	om	38	41	-	Trace	0.0
5 Bath	rc	c	39	43	1	Trace	0.0
Weymouth	mo	ccd	41	45	-	0.1	0.0
Jersey	rc	bpc	51	56	3	0.1	0.8
Torquay	om	orgm	48	49	1	0.0	0.0
Falmouth	omrg	org	52	52	2	6	0.0
Penzance	rain	oid	53	54	3	2	0.0
St. Ives	p	p	42	54	4	4	0.0
Bude	rc	cr	43	46	1	0.2	0.0
Ilfracombe	oco	beodr	41	47	-	1	0.0
6 Aberystwyth	cir	irc	40	43	-	1	0.2
7 Llandudno	c	c	39	41	-	-	0.0
Colwyn Bay	o	o	38	40	-	-	0.0
Rhyl	cm	cm	38	40	-	-	0.0
8 Wallasey	o	o	39	41	-	-	0.0
Southport	oz	oz	38	40	-	-	0.0
Blackpool	co	co	38	40	-	-	0.0
Morcambe	bcc	bcc	38	41	-	-	5.5
9 Ilkley	c	c	36	38	-	-	0.0
Harrogate	c	c	36	37	-	-	0.0
Berwick-on-T.	c	c	41	43	-	-	0.0
11 Dunbar	cm	cm	39	42	-	-	0.6
12 Troon	xbc	ebbc	32	39	-	-	5.6
Douglas	cmg	cmg	40	42	-	-	0.0

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



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th November, 1937.

1 S.E. England	Light westerly winds; mainly fair; average temperature.
2 E. England	Moderate or fresh east winds, becoming light west later; dull; intermittent rain locally; fair tomorrow; average temperature.
3 E. Midlands	
4 W. Midlands	Moderate or fresh west winds; mainly fair but showers locally; average temperature.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	Strong east winds; dull; intermittent rain, sleet locally; snow on high ground; rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { S.W. Scotland B.N.W. Scotland	
14 Mid Scotland	Fresh or strong southeast to east winds; fair periods; showers locally; average temperature.
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	As 4 - 7.
18 N.E. Ireland	Moderate southeast winds; dull; intermittent rain; rather cold.
19 S.E. Ireland	As 4 - 7.
20 S.W. Ireland	

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

GENERAL INFERENCE.

A trough of low pressure extending from Ireland eastwards to Holland is moving slowly North. Weather will be mainly fair in the South and Southwest but dull with intermittent rain with sleet locally in the Northern and Midland areas. There will be fair periods later in the Midlands.

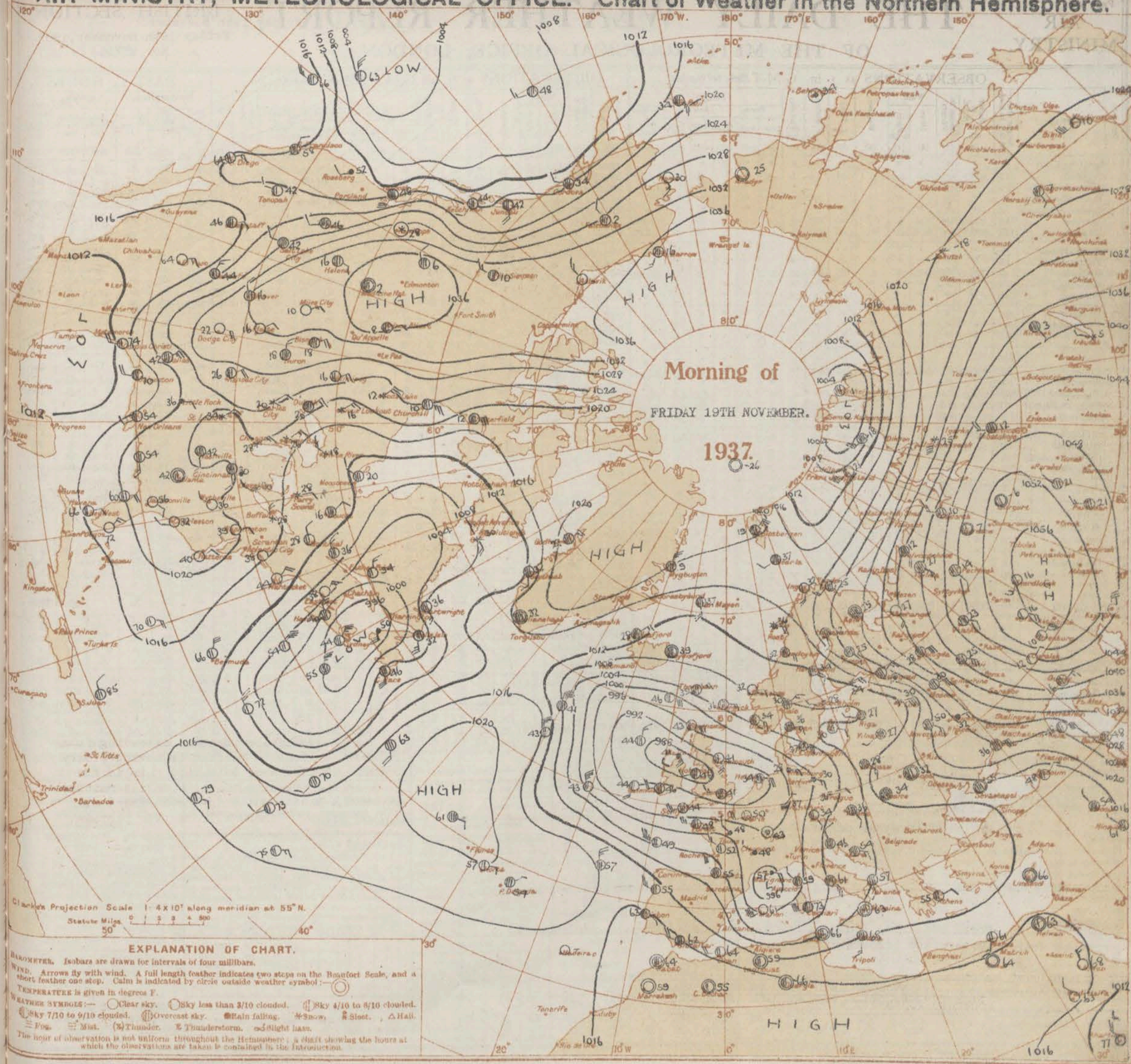
FURTHER OUTLOOK.

Mainly fair in the South.

Forecasts issued at 1030 G.M.T.

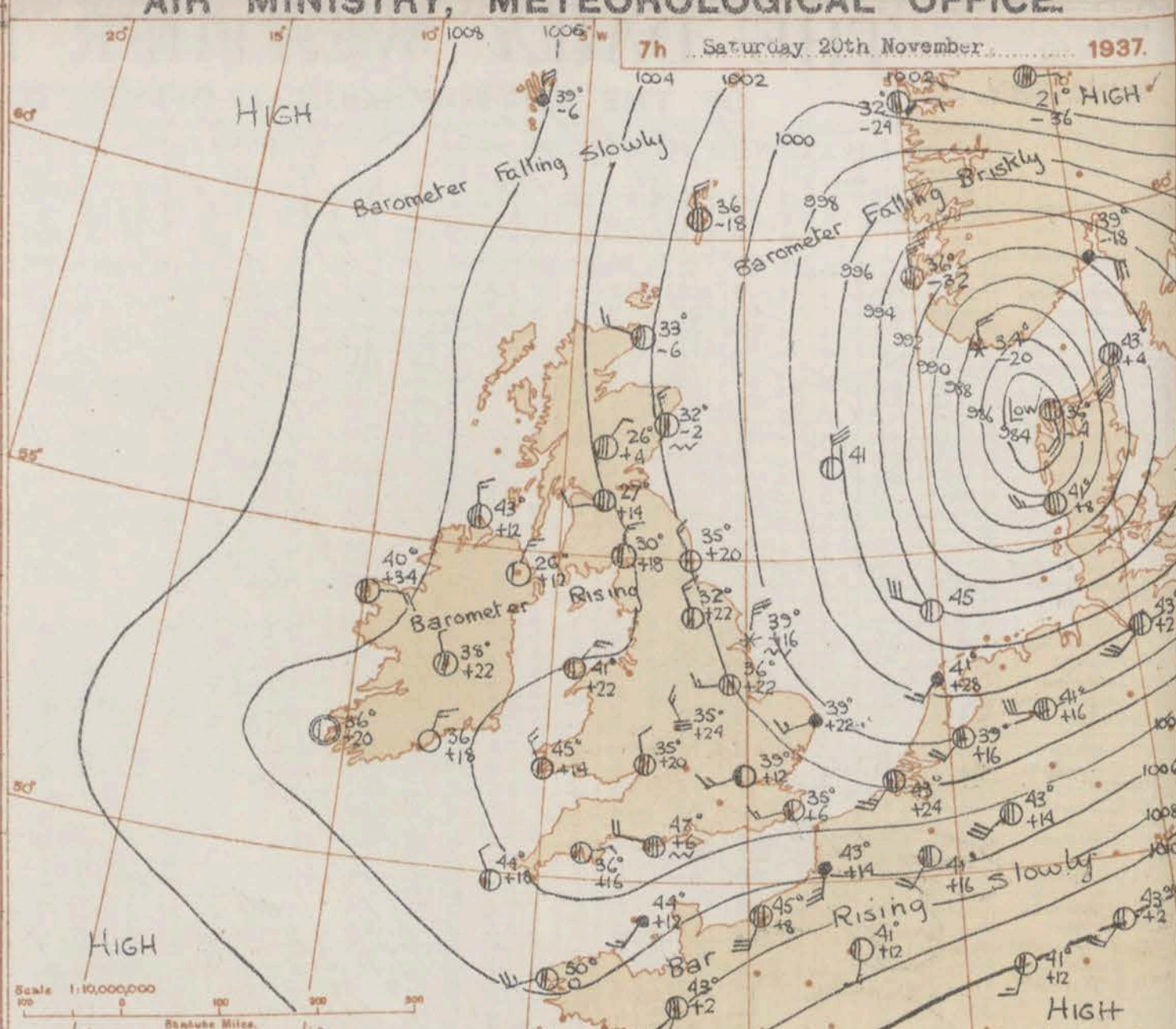
GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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



STATIONS.	WEATHER.		Temperature (°F)		Rainfall (mm)		Sunshine (hrs)
	For-noon.	After-noon.	Min. 9h-12h	Max. 12h-3h	Night 12h-17h	Day 17h-19h	
1 Tunbridge W.	b	cbe	39	48	2	0.5	5.2
Bournemouth	bbepe	cbe	39	46	3	0.5	2.5
Vealor	bcre	cpeu	44	49	6	1	2.9
Southsea	bcbp	cbe	43	48	4	Trace	3.2
Bognor Regis	bctr	bc	43	45	2	2	4.2
Littlehampton	bcbp	bcbp	41	49	3	3	4.5
Worthing	bcbp	bcbp	42	50	4	2	4.3
Brighton	bcbp	bc	43	49	4	1	4.4
Eastbourne	bcbp	bcbp	45	50	4	2	4.0
Hastings	bcbp	bcbp	43	51	5	1	4.6
Folkestone	bmbc	cerc	40	51	3	Trace	4.3
Dover	bbe	erbc	41	52	4	Trace	4.4
Deal	ab	boco	42	49	2	-	4.4
Ramsgate	cbe	bc	41	50	4	-	4.7
Margate	bc	bc	41	50	1	-	5.0
2 Southend	b	bcbp	41	49	4	-	5.3
Clacton-on-Sea	admbe	bc	41	48	4	0.2	4.1
Dovercourt	roc	bc	40	49	5	-	4.0
Lowestoft	ormc	cbbp	39	45	4	1	2.1
Skegness	ono	bcbp	38	44	13	1	0.0
Mablethorpe	or	bcc	40	44	8	3	0.0
Cleethorpe	cr	cr	39	44	10	7	0.0
3 Leamington S.	cbe	bc	38	48	7	-	3.2
4 Cheltenham	bcbp	hirc	38	47	5	2	3.4
5 Bath	b	bcbp	39	47	6	0.3	5.8
Weymouth	pcc	c	43	50	3	Trace	1.8
Jersey	cpebc	cngc	47	50	0.6	4	1.7
Torquay	wbcc	bcc	40	49	4	-	2.7
Falmouth	b	hbcpr	42	49	2	6	4.0
Fenanzee	cbbp	bcbp	44	50	2	4	3.7
St. Ives	ochp	phpo	46	*	4	4	0.0
Bude	cp	bcp	44	49	7	2	1.9
Ilfracombe	orro	bcbp	42	47	6	4	0.5
6 Aberystwyth	PRHC	cpr	42	46	14	5	0.7
7 Llandudno	cir	cbcc	39	46	11	0.3	1.3
Colwyn Bay	bcbp	bcbp	39	47	10	1	0.0
Rhyl	cbcc	cprc	38	49	11	1	2.1
8 Wallasey	irac	cr	39	47	10	2	1.3
Southport	roid	mair	37	38	12	1	0.0
Blackpool	orair	oiror	36	36	13	5	0.0
Morecambe	ror	rorr	37	39	6	6	0.0
9 Bkey	rsrs	rsrs	34	36	10	6	0.0
Harrogate	orsrs	prsr	35	37	10	7	0.0
10 Berwick-on-T.	ch	chc	41	43	Trace	0.5	0.0
11 Dunbar	cr	cm	39	44	Trace	-	0.0
12 Troon	roro	coco	34	43	0.5	-	0.0
Douglas	cra	crr	39	42	9	11	0.0

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



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th November, 1937.

1 S.E. England	Moderate northwest to north winds; rain or sleet at first; fair periods and snow showers later; cold.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light or moderate north winds; fair periods; rain or sleet showers; cold.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	Moderate or fresh north winds; fair periods; sleet or snow showers; cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland N.W. Scotland	Fresh or strong north winds; cloudy; occasional sleet or snow showers; cold.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	Moderate north winds; fair periods; local wintry showers; cold.
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A deep depression over Denmark is moving north and a trough of low pressure over the Midlands is moving south. Weather will be cold generally with rain or sleet in the South at first and snow showers in most places especially in the North and East.

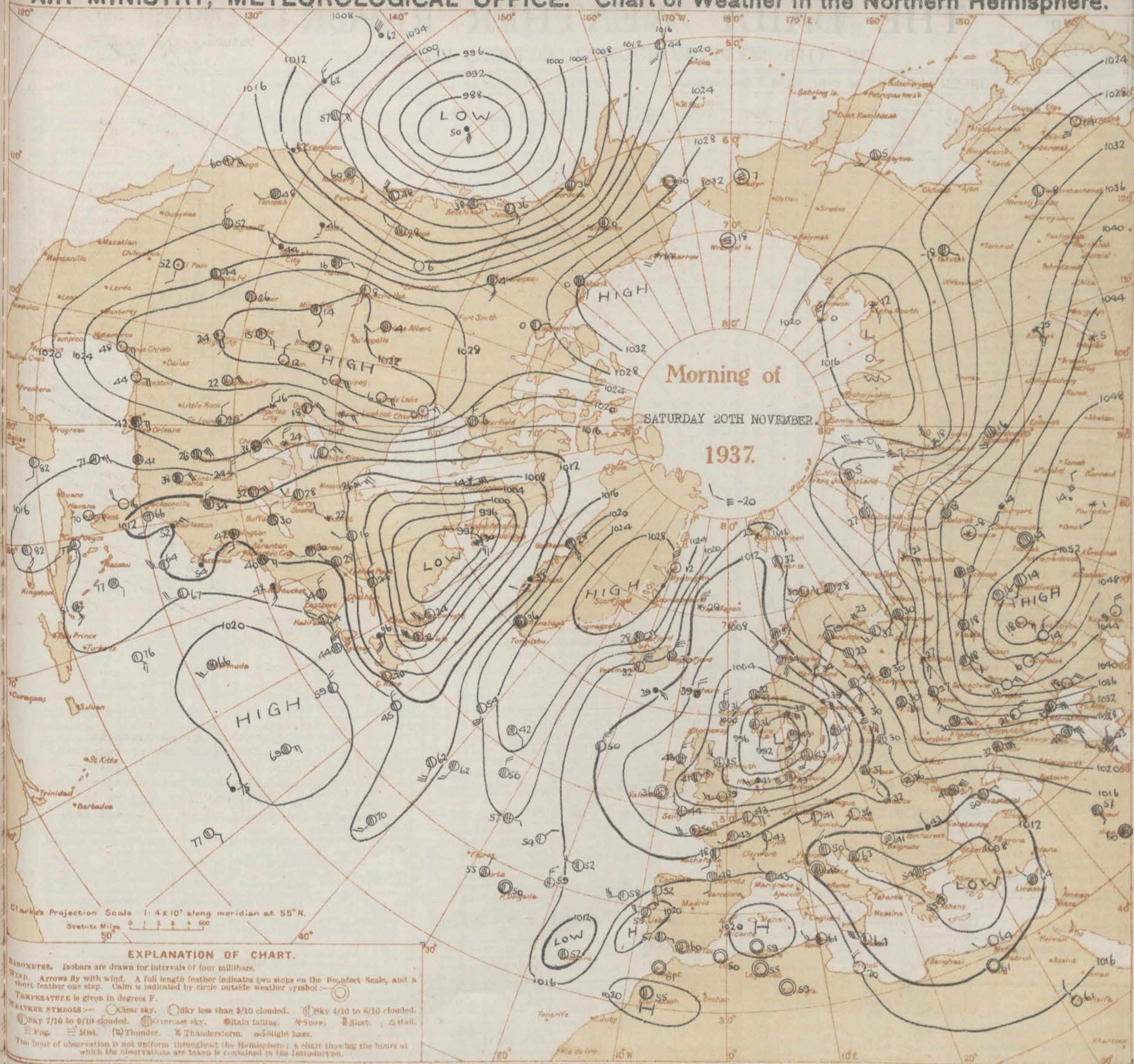
FURTHER OUTLOOK.

Cold with snow showers and night frost.

Forecasts issued at 1030 G.M.T.

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

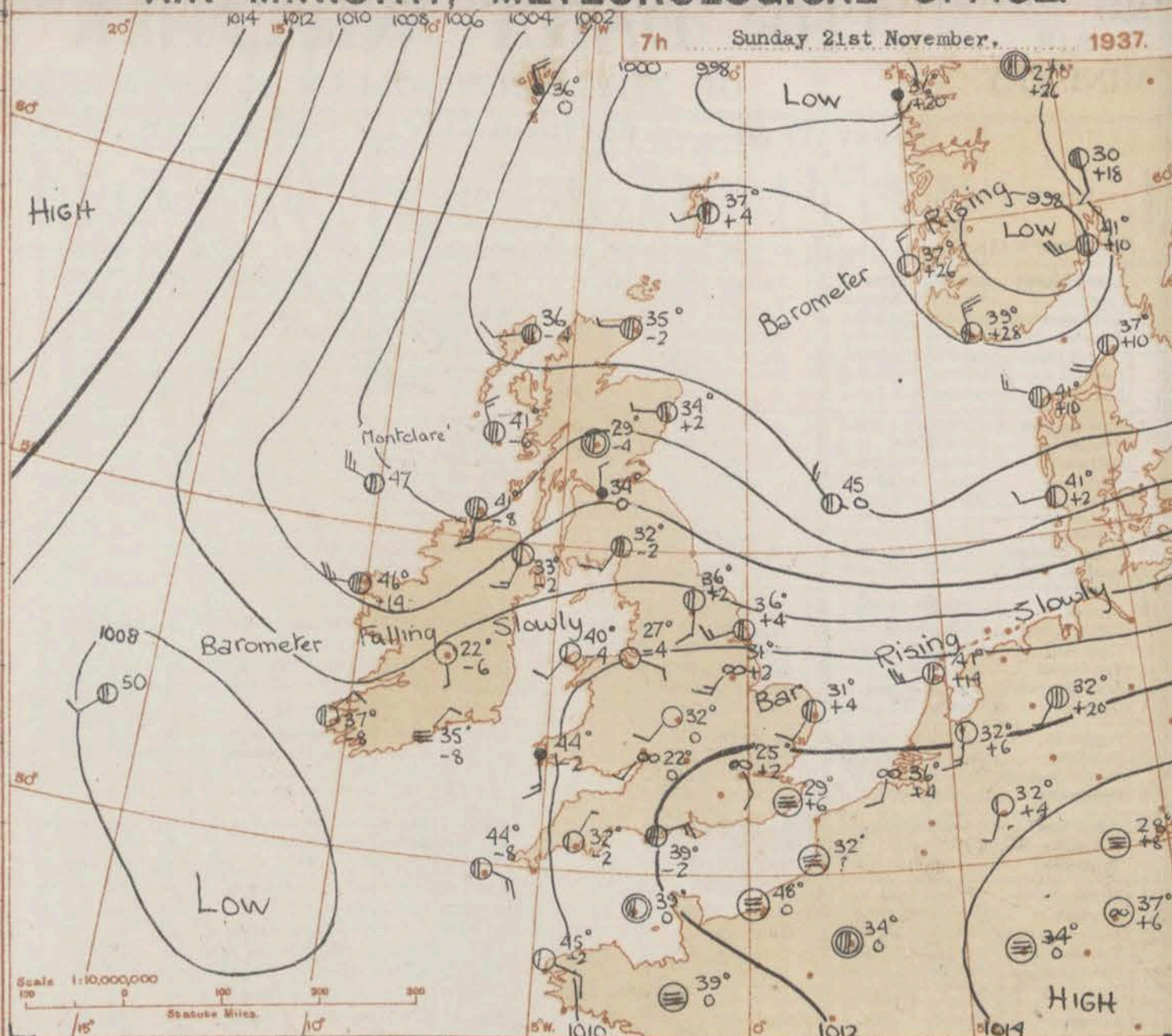
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.



DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE (hr.)
		Forenoon.	Afternoon.	Min. 9h. to 20h.	Max. 9h. to 17h.	Night. 17h. to 9h. 20h.	Day. 9h. to 17h.	
1	Tunbridge W.	bbcc	cbeu	29	42	-	-	3.0
	Bournemouth	b	b	33	45	-	-	6.7
	Ventnor	rb	b	41	48	0.5	-	6.0
	Southsea	bbc	b	37	44	-	-	6.3
	Bognor Regis	bbc	bcu	35	40	-	-	6.9
	Littlehampton	bc	bcu	32	47	-	-	5.9
	Worthing	b	bcu	36	45	-	-	6.5
	Brighton	bc	bc	39	45	-	-	5.8
	Eastbourne	b	bbcu	38	47	2	-	5.8
	Hastings	bbc	bbcu	37	48	1	-	3.8
2	Folkestone	bbc	cbcc	35	46	-	-	5.0
	Dover	bcc	cbc	39	48	-	-	4.6
	Deal	cbc	c	37	44	-	-	3.1
	Ramsgate	bc	c	38	40	-	-	3.9
	Margate	bc	bcc	36	43	-	-	2.4
	Southend	coc	cbeu	36	40	Trace	-	1.1
	Clacton-on-Sea	cbc	bcu	36	41	-	-	0.8
	Dovercourt	oc	bc	35	40	-	-	1.2
	Lowestoft	orcrcrbcu	bcu	36	39	2	1	0.8
	Skegness	orsbc	bbu	33	41	5	0.5	3.3
3	Mablethorpe	orc	bcu	35	39	8	-	3.7
	Cleethorpe	cmabc	bc	36	40	7	-	3.9
	Leamington S.	bzbz	bcu	34	41	2	-	2.2
	Cheltenham	omec	bcu	34	41	1	Trace	2.9
	Bath	cbcb	b	34	44	1	-	4.9
	Weymouth	b	bc	34	52	-	-	5.7
	Jersey	rbcc	cbcc	45	53	10	0.2	3.7
	Torquay	wbm	b	34	52	0.1	-	6.8
	Falmouth	b	b	37	52	7	-	6.7
	Penzance	b	b	37	52	2	-	7.3
4	St. Ives	b	b	38	49	-	-	6.1
	Bude	prbc	bc	36	50	3	-	4.3
	Llraconbe	roc	bc	42	49	6	-	5.6
	Aberystwyth	prbc	bc	37	46	2	-	7.5
	Llandudno	cbc	bcu	33	45	6	Trace	3.6
	Colwyn Bay	bcu	bcu	33	45	6	-	4.1
	Rhyl	mabc	bcu	31	44	5	Trace	4.4
	Wallassey	b	blcc	33	47	2	-	6.9
	Southport	xbcb	bcu	29	41	3	-	6.2
	Blackpool	bm	bcu	32	42	4	-	7.1
5	Morescombe	xbcb	bcu	29	42	2	-	6.8
	Ilkley	b	b	30	41	5.3	-	7.4
	Harrogate	b	b	31	40	3	-	6.7
	Berwick-on-T.	bc	bcu	33	39	2	-	5.7
	Dunbar	cmr	cm	33	40	6	-	3.9
	Troon	bxc	bcu	30	46	-	-	3.2
	Douglas	erbc	bc	33	45	5	-	4.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st November, 1937.
1 S.E. England	Calm or light southeast winds; mainly fine but much fog night and morning, persisting locally; rather cold with sharp frost at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light to moderate southeast winds; occasional showers, considerable bright periods; rather cold with frost inland at night.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Light to moderate southwest winds; fine at first, showers and bright periods tomorrow; local fog night and morning; rather cold with local ground frost at night.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Light to moderate southwest winds, veering northwest; mainly cloudy today with occasional rain, sleet or snow showers and bright intervals tomorrow; rather cold, becoming colder.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkney and Shetland	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Light variable winds; scattered showers considerable bright periods; rather cold with local frost at night.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression to the west of Norway is moving north and filling up while a trough of low pressure off Northwest Ireland is moving east-southeast. A ridge of high pressure covers England. There will be occasional rain or showers in Scotland and Ireland. Elsewhere it will be fine but with much fog inland night and morning.

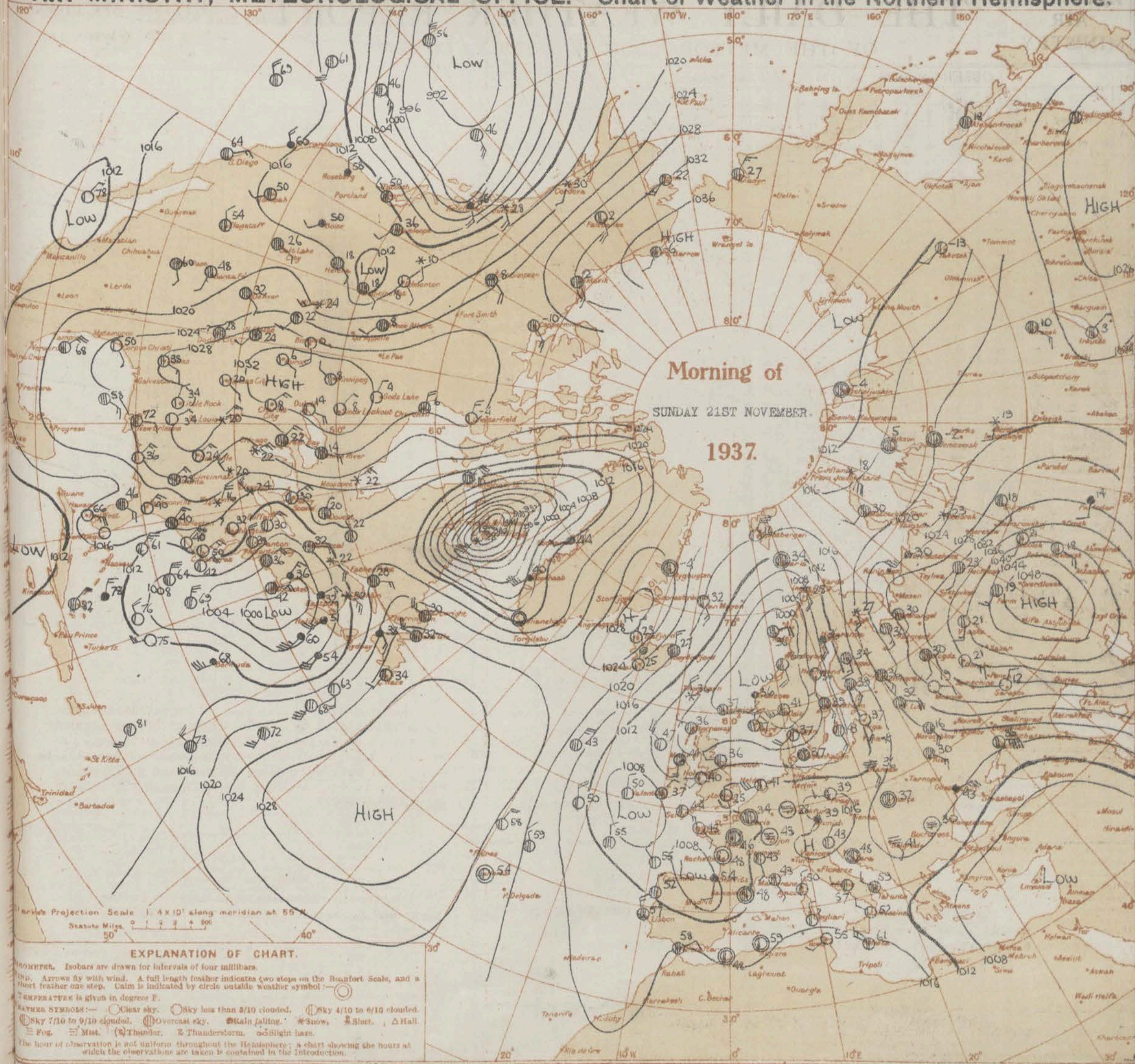
FURTHER OUTLOOK.

Continuing cold with snow showers in the North and frost and fog in Southern England.

Forecasts issued at 1030 G.M.T.

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

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



OF THE METEOROLOGICAL OFFICE, LONDON.

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.									
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.										The barometric tendency is expressed in tenths of a millibar.									
Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.										The BRAUFORT 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.									
24 hrs. ended 7h. G.M.T. 21st.										COLUMNS 8, 22—Code for surface visibility.									
SOUTH KENSINGTON.										Objects not visible at									
Kew Observatory.										0 Dense fog 55 yards.									
COLUMNS 4, 18.										1 Thick fog 220 "									
The speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.										2 Fog 550 "									
COLUMNS 3, 21.										3 Moderate fog 1,100 "									
The speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.										4 Mist or haze 1 1/2 miles.									
COLUMNS 5, 19.										5 Poor visibility 2 1/2 "									
The speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.										6 Moderate " 6 1/2 "									
COLUMNS 6, 20.										7 Good " 12 1/2 "									
The speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.										8 Very good " 31 "									
COLUMNS 7, 23.										9 Excellent " beyond 31m.									
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.									
0 Calm. 5 Very rough.										1 Smooth. 6 High.									
2 Slight. 7 Very high.										3 Moderate. 8 Precipitous.									
4 Rough. 9 Confused.																			
FOREIGN OBSERVATIONS.										COLUMNS 31, 32.—Code for State of Sky.									
15h. G.M.T. 20th. November.										COLUMNS 33, 34.—Code for State of Clouds.									
7h. G.M.T. 21st. November.										COLUMNS 35, 36.—Code for State of Wind.									
Past 24 Hours.										COLUMNS 37, 38.—Code for State of Rain.									
COLUMNS 39, 40.—Code for State of Temperature.										COLUMNS 41, 42.—Code for State of Humidity.									
COLUMNS 43, 44.—Code for State of Pressure.										COLUMNS 45, 46.—Code for State of Direction.									
COLUMNS 47, 48.—Code for State of Force.										COLUMNS 49, 50.—Code for State of Weather.									
COLUMNS 51, 52.—Code for State of Temperature.										COLUMNS 53, 54.—Code for State of Humidity.									
COLUMNS 55, 56.—Code for State of Pressure.										COLUMNS 57, 58.—Code for State of Direction.									
COLUMNS 59, 60.—Code for State of Force.										COLUMNS 61, 62.—Code for State of Weather.									
COLUMNS 63, 64.—Code for State of Temperature.										COLUMNS 65, 66.—Code for State of Humidity.									
COLUMNS 67, 68.—Code for State of Pressure.										COLUMNS 69, 70.—Code for State of Direction.									
COLUMNS 71, 72.—Code for State of Force.										COLUMNS 73, 74.—Code for State of Weather.									
COLUMNS 75, 76.—Code for State of Temperature.										COLUMNS 77, 78.—Code for State of Humidity.									
COLUMNS 79, 80.—Code for State of Pressure.										COLUMNS 81, 82.—Code for State of Direction.									
COLUMNS 83, 84.—Code for State of Force.										COLUMNS 85, 86.—Code for State of Weather.									
COLUMNS 87, 88.—Code for State of Temperature.										COLUMNS 89, 90.—Code for State of Humidity.									
COLUMNS 91, 92.—Code for State of Pressure.										COLUMNS 93, 94.—Code for State of Direction.									
COLUMNS 95, 96.—Code for State of Force.										COLUMNS 97, 98.—Code for State of Weather.									
COLUMNS 99, 100.—Code for State of Temperature.										COLUMNS 101, 102.—Code for State of Humidity.									
COLUMNS 103, 104.—Code for State of Pressure.										COLUMNS 105, 106.—Code for State of Direction.									
COLUMNS 107, 108.—Code for State of Force.										COLUMNS 109, 110.—Code for State of Weather.									
COLUMNS 111, 112.—Code for State of Temperature.										COLUMNS 113, 114.—Code for State of Humidity.									
COLUMNS 115, 116.—Code for State of Pressure.										COLUMNS 117, 118.—Code for State of Direction.									
COLUMNS 119, 120.—Code for State of Force.										COLUMNS 121, 122.—Code for State of Weather.									
COLUMNS 123, 124.—Code for State of Temperature.										COLUMNS 125, 126.—Code for State of Humidity.									
COLUMNS 127, 128.—Code for State of Pressure.										COLUMNS 129, 130.—Code for State of Direction.									
COLUMNS 131, 132.—Code for State of Force.										COLUMNS 133, 134.—Code for State of Weather.									
COLUMNS 135, 136.—Code for State of Temperature.										COLUMNS 137, 138.—Code for State of Humidity.									
COLUMNS 139, 140.—Code for State of Pressure.										COLUMNS 141, 142.—Code for State of Direction.									
COLUMNS 143, 144.—Code for State of Force.										COLUMNS 145, 146.—Code for State of Weather.									
COLUMNS 147, 148.—Code for State of Temperature.										COLUMNS 149, 150.—Code for State of Humidity.									
COLUMNS 151, 152.—Code for State of Pressure.										COLUMNS 153, 154.—Code for State of Direction.									
COLUMNS 155, 156.—Code for State of Force.										COLUMNS 157, 158.—Code for State of Weather.									
COLUMNS 159, 160.—Code for State of Temperature.										COLUMNS 161, 162.—Code for State of Humidity.									
COLUMNS 163, 164.—Code for State of Pressure.										COLUMNS 165, 166.—Code for State of Direction.									
COLUMNS 167, 168.—Code for State of Force.										COLUMNS 169, 170.—Code for State of Weather.									
COLUMNS 171, 172.—Code for State of Temperature.										COLUMNS 173, 174.—Code for State of Humidity.									
COLUMNS 175, 176.—Code for State of Pressure.										COLUMNS 177, 178.—Code for State of Direction.									
COLUMNS 179, 180.—Code for State of Force.										COLUMNS 181, 182.—Code for State of Weather.									
COLUMNS 183, 184.—Code for State of Temperature.										COLUMNS 185, 186.—Code for State of Humidity.									
COLUMNS 187, 188.—Code for State of Pressure.										COLUMNS 189, 190.—Code for State of Direction.									
COLUMNS 191, 192.—Code for State of Force.										COLUMNS 193, 194.—Code for State of Weather.									
COLUMNS 195, 196.—Code for State of Temperature.										COLUMNS 197, 198.—Code for State of Humidity.									
COLUMNS 199, 200.—Code for State of Pressure.										COLUMNS 201, 202.—Code for State of Direction.									
COLUMNS 203, 204.—Code for State of Force.										COLUMNS 205, 206.—Code for State of Weather.									
COLUMNS 207, 208.—Code for State of Temperature.										COLUMNS 209, 210.—Code for State of Humidity.									
COLUMNS 211, 212.—Code for State of Pressure.										COLUMNS 213, 214.—Code for State of Direction.									
COLUMNS 215, 216.—Code for State of Force.										COLUMNS 217, 218.—Code for State of Weather.									
COLUMNS 219, 220.—Code for State of Temperature.										COLUMNS 221, 222.—Code for State of Humidity.									
COLUMNS 223, 224.—Code for State of Pressure.										COLUMNS 225, 226.—Code for State of Direction.									
COLUMNS 227, 228.—Code for State of Force.										COLUMNS 229, 230.—Code for State of Weather.									
COLUMNS 231, 2																			

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

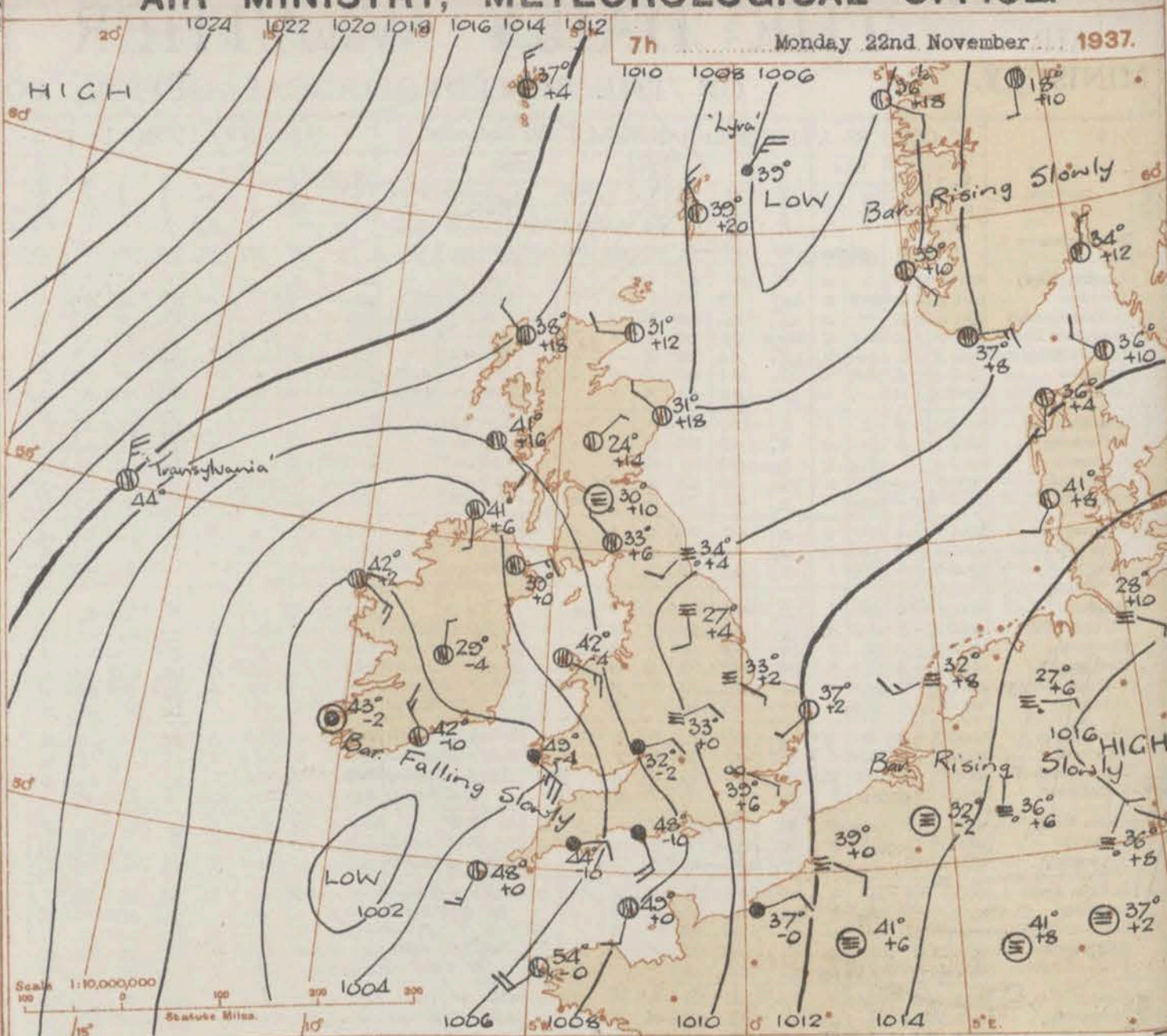
GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

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

† Sea disturbance reported from Dungeness.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
		Fore-noon.	After-noon.	Min. 9h. to 2h.	Max. 2h. to 5h.	Night. 17h. to 21h.	Day. 9h. to 17h.	
1	Tunbridge W.	bmbc	bcbm	19	41	-	-	6.7
	Bournemouth	bcc	cbcc	25	41	-	-	2.2
	Ventnor	xbz	bbeu	36	51	-	-	5.1
	Southsea	bmb	bcbm	29	46	-	-	3.8
	Bognor Regis	b	b	29	45	-	-	7.0
	Littlehampton	bc	bc	25	43	-	-	4.0
	Worthing	bcc	bber	29	45	Trace	Trace	5.3
	Brighton	bc	bcb	29	48	-	-	3.4
	Eastbourne	mar	noirc	28	47	Trace	4	0.0
	Hastings	bcc	cbcc	30	46	Trace	Trace	0.3
	Folkestone	xfbcc	cco	27	45	-	-	0.3
	Dover	fbcc	fbcc	27	46	-	-	1.3
	Deal	ocb	bcb	27	43	-	-	3.4
	Ramsgate	mbe	bcc	32	46	-	-	5.7
	Margate	bcm	bc	32	45	-	-	5.6
2	Southend	bfbm	bff	29	39	Trace	Trace	1.8
	Clacton-on-Sea	bxfm	bcmf	27	42	-	-	3.8
	Dovercourt	xfbc	bc	24	44	-	-	6.1
	Lowestoft	cbcb	bhm	28	44	-	-	4.9
	Skegness	xb	bmo	27	41	Trace	-	7.2
	Mablethorpe	bcb	bhm	28	43	Trace	-	5.8
	Cleethorpe	bc	bc	31	45	-	-	7.2
3	Leamington S.	bz	bz	24	43	-	-	4.9
4	Cheltenham	mrb	b	25	42	-	-	7.2
5	Bath	b	b	21	40	-	-	6.1
	Weymouth	cb	b	30	44	-	-	4.4
	Jersey	bc	bc	49	53	Trace	-	4.5
	Torquay	xbm	beep	30	48	-	-	5.0
	Falmouth	corc	c	36	32	-	Trace	3.2
	Penzance	bcc	pbcc	35	51	-	1	4.7
	St. Ives	bc	bcc	38	48	-	-	3.2
	Bude	bc	bcc	30	48	-	-	6.1
	Ilfracombe	bc	bcb	32	48	-	-	7.5
6	Aberystwyth	c	bcc	32	45	-	-	0.8
7	Llandudno	xbcc	ercc	34	44	-	0.2	3.4
	Colwyn Bay	xbcc	cpbc	35	46	-	Trace	3.3
	Rhyl	xbcc	bcc	29	44	-	-	3.7
8	Wallasey	bcb	bcco	34	46	-	-	4.5
	Southport	mbbc	bccp	29	42	0.2	Trace	4.7
	Blackpool	bcbm	bcbm	31	43	-	-	4.7
	Morecambe	ccbbc	bbcc	30	44	2	-	3.2
9	Ilkley	cpbc	bc	30	44	0.3	-	5.4
	Harrogate	bcb	b	31	44	-	-	4.7
10	Berwick-on-T.	bc	bc	31	43	-	-	6.3
11	Dunbar	bex	bc	34	46	-	-	5.6
12	Troon	corc	coc	33	47	2	1	0.1
	Douglas	bex	bc	35	46	-	-	6.4



† Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h. to 7h.

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd November, 1937.
1 S.E. England	
2 E. England	Moderate south or southeast winds; mainly dull with fog, particularly near towns, and occasional local rain or drizzle; rather mild, except in foggy areas, local ground frost.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Light variable winds; dull, occasional local rain; fog, particularly near towns; rather cold but becoming milder; local frost with a chance of glazed frost in places.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotl. B.N.W. Scotl. land.	Light variable or northerly winds; occasional bright periods, local showers with snow or sleet on high land; rather cold, local frost.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Light variable winds; mainly cloudy, occasional local rain; local fog; rather cold, local frost.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A trough of low pressure extends from West Norway to the mouth of the Channel. There will be local rain in many districts and fog at times. It will become generally less cold than of late.

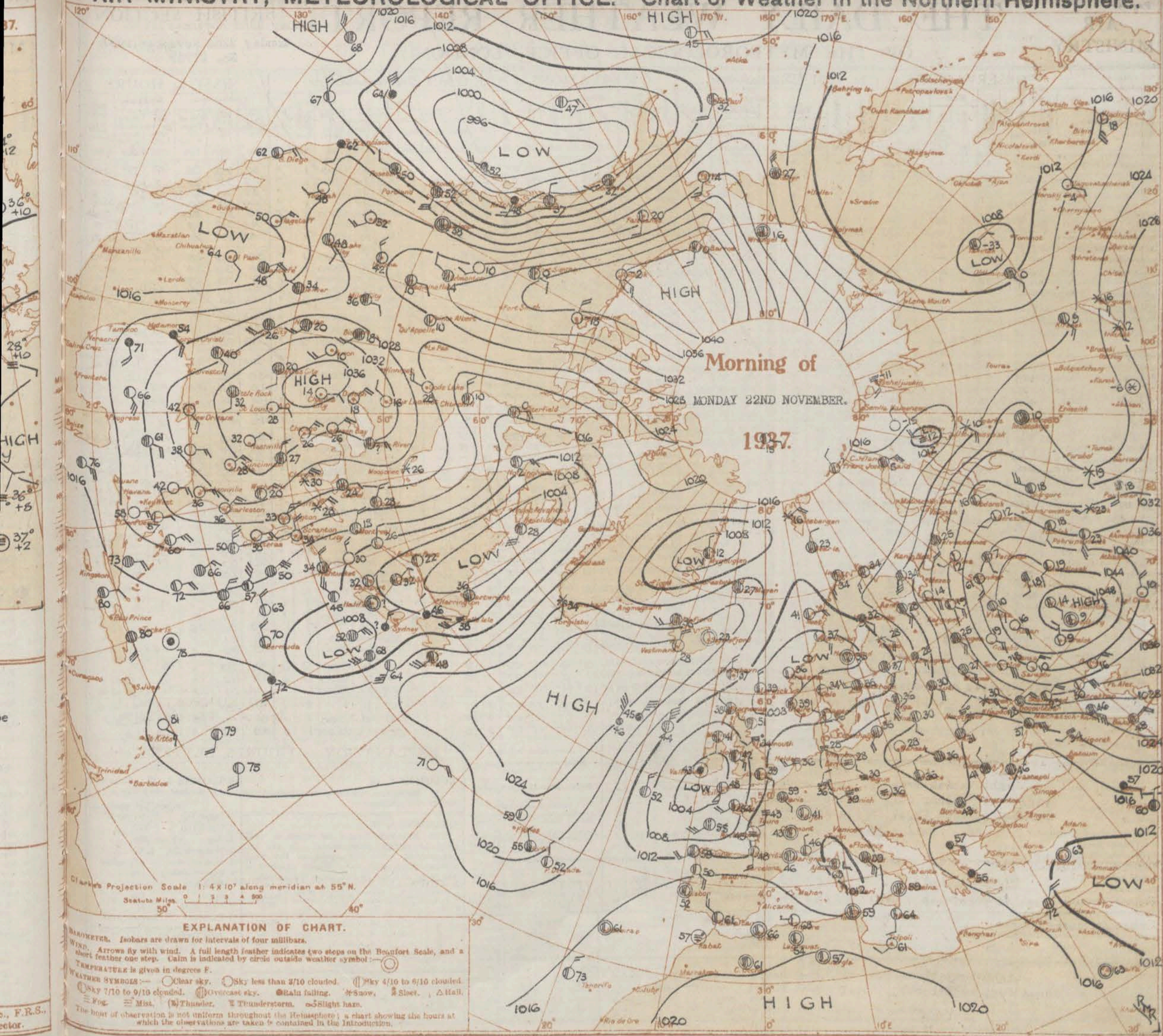
FURTHER OUTLOOK.

Probably becoming fairer generally.

Forecasts issued at 1030 G.M.T.

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

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



PAST 24 HOURS.

LONDON OBSERVATIONS.											Height above sea level, 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. 9h—18h, Kensington. 9h—51h, other stations except for rainfall which is 9h—18h.										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. 22nd.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.					COLUMNS 8, 22 —Code for surface visibility. Objects not visible at											
										24 hrs. ended 9h.			°F.	°F.	°F.	mm.	mm.	Yesterday.	To-day.																					
Kew...	18	o f x b f x	o f x	o f x o f f	32	29	24	Tr	Tr	0.0	.	.	3	Max.	Time.	Min.	Time.	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.													
CROYDON	217	b m f f f f	b c b f f f	b f a m b c	42	32	27	0.1	2.7	.	.	6	4.0	13h	21st	40.3	34h	22nd																						
CHISWICK (Royal Observatory)...	149	F R	b b c f	c m b c f	39	34	26	Tr	Tr	0.6	34	29	2																											
CITY (Bunhill Row)	—	.	.	.	.	.	.	.	.	0.0	31	23	.																			
WESTMINSTER (St. James' Park)	27	.	.	.	43	31	29	—	0.0	31	23	.																												
BRUSSELS PK. (Botanic Gardens)...	168	.	.	.	43	32	27	—	.	100	91	.																												
CANDEN SQUARE	110	o f x	o f	.	41	30	29	—	.	100	98	.																												
KENSINGTON	80	o f x	c x	.	42	33	25	—	0.2	0.0	81	36	.																											
HAMPSHIRE OBSERVATORY	450	b c o f	o f	o f x	39	37	27	—	1.3	.	.	.																												
FOREIGN OBSERVATIONS.											18h. G.M.T. 21st. November.....										7h. G.M.T. 22nd. November.....										Past 24 Hours.									
STATIONS.											Barom. mb.		Wind.		Weather.	Temp. °F.	Barom. mb.		Wind.		Weather.	Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall.		COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.													
													Dirac.	Force.					Dirac.	Force.					Day mm.	Night mm.														
PARIS											1011.4	—	0	d d d	43	1012.5	*	*	m	41	48	41	0.3	—																
BRUSSELS											1013.5	S	1	z d	36	1012.8	—	0	f	32	36	32	—	—																
BERLIN											1015.3	SW	3	b	36	1013.1	—	0	b f	28	.	27	—	—																
ZURICH											1015.3	SW	3	b	36	1015.4	SW	1	m	43	.	41	2	—																
ROME											1014.5	WSW	5	C	61	1014.3	SE	5	o	59	.	.	—	—																

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

† Sea disturbance reported from Dungeness.

THE DAILY WEATHER REPORT

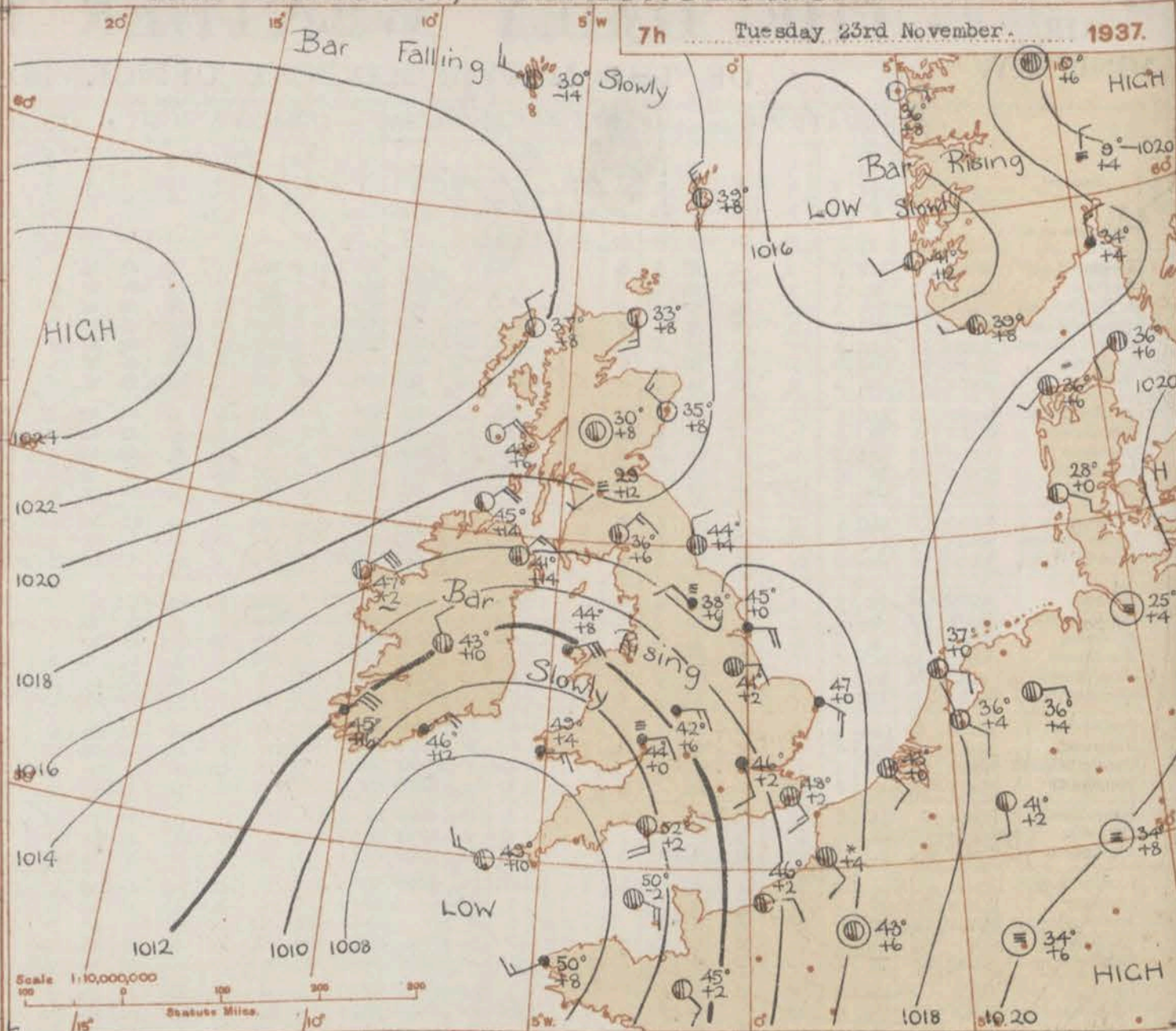
Tuesday 23rd November, 1937.

No. 27760.

OF THE METEOROLOGICAL OFFICE, LONDON.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 22 nd November														OBSERVATIONS at 18h. G.M.T. 22 nd November														PAST 24 HOURS.						
		Barom. at m.b.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Height of Base (feet)	Barom. at m.b.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility 0-9	Cloud.					Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	WEATHER.						
				Dir.	Force				Low	Med.	High	Low 0-10	Total 0-10				Low	Med.				High	Low 0-10	Total 0-10	Low	Med.				High	Low 0-10	Total 0-10	7h.-13h. 22 nd	13h.-18h. 22 nd	18h. 22 nd to 1h. 23 rd	1h.-7h. 23 rd
(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)	1011.0	-2	SE	2	46	85	5	5	-	-	10	10	1500	1011.4	+4	ESE	2	45	32	6	5	-	-	9+	3+	1500	1	*	offc	omcm	crccr	rcrcr			
	Croydon	1011.2	-2	SE	3	47	85	6	5	-	-	10	10	2500	1011.7	+4	ESE	2	43	37	5	5	-	-	7.8	7.8	2500	1	*	cmpr	circ	cmpr	okrrr			
	S. Farnborough	1010.3	-2	SE	3	46	32	5	5	7	-	4.6	3+	800	1011.1	+6	ESE	2	45	37	4	5	-	-	3	3	800	1	*	cmpr	rmcm	cmpr	okrrr			
	Boscombe Down	1003.0	-2	SE	3	48	32	6	5	7	-	4.6	7.8	450	1003.8	+6	ESE	4	46	37	6	5	-	-	4.6	4.6	2500	1	*	cmpr	rmcm	cmpr	okrrr			
	Calshot (Stmnt.)	1003.3	+2	SSE	3	47	37	6	5	7	-	7.8	3+	1500	1010.1	+4	SE	4	43	32	7	8	3	2	2.3	4.6	2500	1	2	cmpr	rmcm	cmpr	okrrr			
	Lymington	1012.8	-4	ESE	3	43	85	6	6	-	-	10	10	450	1013.1	+2	SSE	2	46	32	6	5	7	-	7.8	3+	800	1	\$2	cmpr	circ	cmpr	okrrr			
	Manston	1012.7	-2	SE	3	42	85	6	5	3	-	7.8	3+	800	1013.0	+2	SE	2	45	32	6	5	7	-	7.8	10	450	1	*	cmpr	circ	cmpr	okrrr			
2	Shoeburyness	1012.6	0	ESE	3	45	85	6	5	4	-	4.6	3	1500	1013.0	+4	ESE	3	45	32	6	5	-	-	3	3	1500	1	*	bccm	cm	odbc	rrrrr			
	Felixstowe	1013.3	0	SE	3	45	85	8	5	-	-	9+	3+	1500	1013.7	+2	SE	3	45	32	7	5	-	-	10	10	1500	1	2	c	ccbc	ccbc	ccrrr			
	Gorleston	1014.0	+8	SE	2	41	85	6	5	-	-	3+	3+	2500	1014.7	+6	E	3	45	32	7	5	-	-	10	10	2500	1	2	c	ccbc	coid	coid			
	Mildenhall	1012.6	+2	SE	4	43	85	7	5	-	-	3+	3+	1500	1012.3	+6	ESE	4	41	32	6	5	4	1	2.3	4.6	1500	1	*	bccm	cm	ccbc	ccrrr			
	Cranwell	1012.4	+2	ESE	3	38	37	1	5	-	-	10	10	220	1013.0	+6	ENE	2	38	37	6	8	-	-	10	10	1500	1	*	offc	omcm	crccr	rcrcr			
3	Birmingham	1009.3	-2	ESE	3	40	37	2	5	-	-	10	10	220	1010.2	+6	ESE	3	42	37	4	5	-	-	10	10	800	1	*	frc	omcm	crccr	rcrcr			
	Upper Heyford	1010.4	-2	ESE	3	43	37	4	5	-	-	10	10	450	1010.8	+4	ESE	3	44	32	3	5	-	-	10	10	450	1	*	frc	omcm	crccr	rcrcr			
4	Ross-on-Wye	1003.0	0	WNW	2	36	37	2	5	-	-	10	10	220	1003.5	+6	WNW	1	37	37	2	5	-	-	10	10	450	1	*	frc	omcm	crccr	rcrcr			
5	Bristol	1008.2	-4	SE	2	50	85	6	5	3	-	4.6	3	1500	1008.0	-2	SSE	2	45	37	7	8	-	-	4.6	4.6	1500	1	*	crccr	rmcm	cmpr	rcrrr			
	Portland Bill	1007.6	+2	WSW	3	52	85	8	4	4	-	7.8	10	2500	1007.7	+2	WSW	3	51	32	7	4	-	-	7.8	7.8	2500	1	3	crccr	rmcm	cmpr	rcrrr			
	Plymouth	1006.3	-2	S	3	53	75	8	8	4	2	4.6	3+	2500	1005.8	+2	ESE	3	43	32	6	6	2	-	7.8	10	800	1	2	crccr	rmcm	cmpr	rcrrr			
	The Lizard	1004.3	-10	SE	4	53	85	8	8	2	-	3	10	2500	1003.7	0	SSE	5	52	85	8	5	-	-	3+	3+	2500	1	2	crccr	rmcm	cmpr	rcrrr			
	Scilly (St. Mary's)	1003.2	-12	SSE	4	52	85	8	3	2	-	4.6	10	1500	1002.4	-2	S	4	51	32	8	8	6	-	2.3	4.6	1500	1	2	crccr	rmcm	cmpr	rcrrr			
	Guernsey	1008.4	0	SSE	3	53	85	7	8	3	-	7.8	3+	2500	1008.5	+4	S	2	43	32	6	5	-	-	10	10	1500	1	2	crccr	rmcm	cmpr	rcrrr			
6	Pembroke	1005.2	0	ESE	1	52	85	8	7	-	-	4.6	7.8	2500	1005.3	+2	ESE	5	43	32	6	8	2	-	7.8	3+	2500	1	3	crccr	rmcm	cmpr	rcrrr			
7	Holyhead	1006.3	0	E	4	47	85	8	3	7	-	4.6	3+	2500	1007.3	+10	E	4	44	32	7	5	1	8	2.3	3	400	1	2	crccr	rmcm	cmpr	rcrrr			
	Chester (Sealand)	1010.5	+2	SE	1	33	85	1	-	-	-	10	10	450	1011.2	+8	E	0	33	32	2	-	2	-	10	10	450	1	*	crccr	rmcm	cmpr	rcrrr			
8	Manchester	1010.3	+2	E	3	41	85	4	5	-	-	10	10	2500	1011.6	+8	ENE	3	40	32	4	6	-	-	10	10	1500	1	*	crccr	rmcm	cmpr	rcrrr			
10	Spurn Head	1013.3	0	SE	2	40	37	6	5	-	-	10	10	1500	1013.3	+4	ESE	3	42	37	7	5	-	-	10	10	1500	0	2	frc	omcm	crccr	rcrcr			
	Catterick	1013.3	+6	S	1	28	37	1	-	-	-	10	10	150	1014.3	+12	S	0	33	37	1	-	-	-	10	10	150	3	1	frc	omcm	crccr	rcrcr			
	Tynemouth	1012.6	+8	SW	2	38	75	4	5	-	-	7.8	7.8	1500	1013.6	+10	SW	2	36	32	3	5	-	-	7.8	7.8	800	1	1	frc	omcm	crccr	rcrcr			
11	St. Abbs Head	1012.0	+6	-	0	41	75	7	2	3	2	4.6	4.6	2500	1013.8	+12	-	0	40	32	6	5	3	2	4.6	4.6	2500	0	1	crccr	rmcm	cmpr	rcrrr			
	Leuchars	1012.4	+12	W	1	42	75	6	-	-	8	0	2.3	-	1014.8	+18	-	0	33	32	5	5	-	-	4.6	3+	2500	1	*	crccr	rmcm	cmpr	rcrrr			
12	Renfrew (Abbots I.)	1012.4	+10	SW	1	33	32	2	-	-	8	0	3	-	1014.1	+14	NE	1	31	37	2	-	-	-	0	0	-	1	*	crccr	rmcm	cmpr	rcrrr			
	Eskdalemuir	1011.3	+2	NW	2	36	32	6	5	-	2	7	3+	4000	1014.0	+14	NNE	2	35	32	6	-	1	1	0	1	-	1	*	crccr	rmcm	cmpr	rcrrr			
	Point of Ayre	1003.3	+4	SE	5	45	85	6	5	3	-	2.3	10	1500	1010.7	+10	SE	5	46	85	6	8	2	-	7.8	10	1500	1	3	crccr	rmcm	cmpr	rcrrr			
13A	Tiree	1011.5	+14	EN	2	42	85	3	4	3	2	1	7.8	2500	1014.1	+20	NE	4	44	65	9	4	7	8	1	4.6	2500	0	3	crccr	rmcm	cmpr	rcrrr			
13B	Stornoway	1013.5	+8	NNE	4	41	85	8	3	4	-	4.6	4.6	2500	1016.4	+10	NNE	4	40	85	7	8	-	-	10	10	1500	1	2	crccr	rmcm	cmpr	rcrrr			
15	Dalwhinnie	"	+12	N	1	36	85	8	-	-	7	0	3	-	"	+20	NE	2	26	32	8	4	-	8	2.3	4.6	4000	3	*	crccr	rmcm	cmpr	rcrrr			
	Aberdeen	1012.5	+14	NNW	2	33	85	6	8	-	6	7	2.3	2500	1015.0	+18	NN	3	33	32	5	8	-	6	7	1	2500	4	1	crccr	rmcm	cmpr	rcrrr			
	Wick	1011.3	+16	W	3	40	85	8	7	7	-	2.3	4.6	2500	1014.0	+20	NNW	2	37	32	8	8	-	-	2.3	4.6	1500	1	1	crccr	rmcm	cmpr	rcrrr			
16	Lerwick	1011.2	+12	NNW	2	42	85	8	3	7	-	4.6	4.6	1500	1013.8	+24	NNW	2	33	32	8	4	-	-	2.3	2.3	1500	0	*	crccr	rmcm	cmpr	rcrrr			
17	Blacksod Point	1006.6	+12	NE	4	43	32	8	-	7	-	0	7.8	-	1003.8	+22	NE	4	45	32	8															

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm)		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 2nd.	Max. 2nd. to 9h.	Night 17h. to 2nd.	Day 2nd. to 17h.	
1	Canbridge W.	cod	odc	23	45	Trace	Trace	0.0
	Bournemouth	bep	ebc	23	51	3	1	1.7
	Ventnor	rob	beu	42	53	0.5	-	1.8
	Southsea	obac	ebec	33	51	1	0.4	0.0
	Bognor Regis	rbac	bc	33	51	3	5	0.3
	Littlehampton	cpc	cpc	28	50	2	3	0.2
	Worthing	cpc	cpc	35	51	0.5	Trace	0.3
	Brighton	cpc	co	35	51	-	Trace	0.1
	Eastbourne	caco	o	46	50	-	-	0.0
	Hastings	beco	oc	43	43	-	-	0.4
2	Folkestone	oco	oco	31	46	-	0.3	0.0
	Dover	oco	ocp	33	47	-	0.3	0.0
	Deal	o	od	28	45	Trace	Trace	0.0
	Ramsgate	o	od	33	46	-	Trace	0.0
	Margate	c	od	33	45	-	Trace	0.0
	Southend	coe	coe	30	45	0.3	-	0.7
	Clacton-on-Sea	c	oc	30	45	-	-	0.0
	Dovercourt	oc	oc	35	45	-	-	0.1
	Lowestoft	emc	ebc	33	46	0.3	-	0.3
	Skegness	o	co	32	43	-	-	0.0
3	Mablethorpe	emc	co	29	41	Trace	-	0.0
	Cleethorpe	o	co	27	40	Trace	Trace	0.0
	Leamington S.	or	o	25	44	0.2	0.6	0.0
	Cheltenham	mpc	cpc	31	45	Trace	0.5	0.4
	Bath	pc	pc	25	50	2	0.3	0.1
	Weymouth	cpc	cpc	33	53	2.4	2	2.4
	Jersey	pebec	cpc	45	53	0.2	1	1.8
	Torquay	cmcp	cpc	32	54	3	1	3.5
	Falmouth	cbeag	goro	38	53	7	2	2.5
	Penzance	cbecc	cpc	44	55	4	3	1.7
4	St. Ives	tr	pc	38	49	12	6	0.0
	Bude	be	cpc	40	54	2	2	3.8
	Hilfocombe	bebe	becp	40	53	-	0.2	3.5
	Aberystwyth	c	bec	37	47	-	-	2.2
	Llandudno	c	cgo	36	46	Trace	-	0.4
	Gwynn Bay	cbecc	co	36	47	-	-	1.0
	Rhyl	cm	becm	32	43	-	-	1.6
	Wallasay	fo	or	32	42	-	0.3	0.0
	Southport	kmcom	omcpo	30	42	-	0.5	0.0
	Blackpool	cm	cmofor	31	40	0.3	0.3	0.0
5	Moresambie	xc	cmc	31	44	-	-	0.0
	Ilkley	fbc	FFx	24	32	-	-	0.0
	Harrogate	FFx	FFx	27	37	-	-	0.0
	Berwick-on-T.	cm	mfc	23	35	-	-	1.5
	Dunbar	bcxm	cm	31	33	-	-	2.1
	Troon	xc	bcfc	35	40	-	-	0.5
	Douglas	bcx	cfic	37	45	1	Trace	0.0
	Max. Temp. for period 21h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.							



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

Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd November, 1937.
1 S.E. England	
2 E. England	Light southeast to east winds; mainly cloudy, occasional rain at first, becoming fairer later but considerable fog forming at night; rather mild.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Moderate easterly winds, becoming light and variable; mainly cloudy, occasional rain at first, becoming fairer later but considerable fog particularly at night; becoming less cold, but local frost at night.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotl. B.N.W. Scot- land.	Light variable winds; cloudy at times, occasional local rain or drizzle later with snow on high ground; day temperature tending to rise, but local frost at night.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

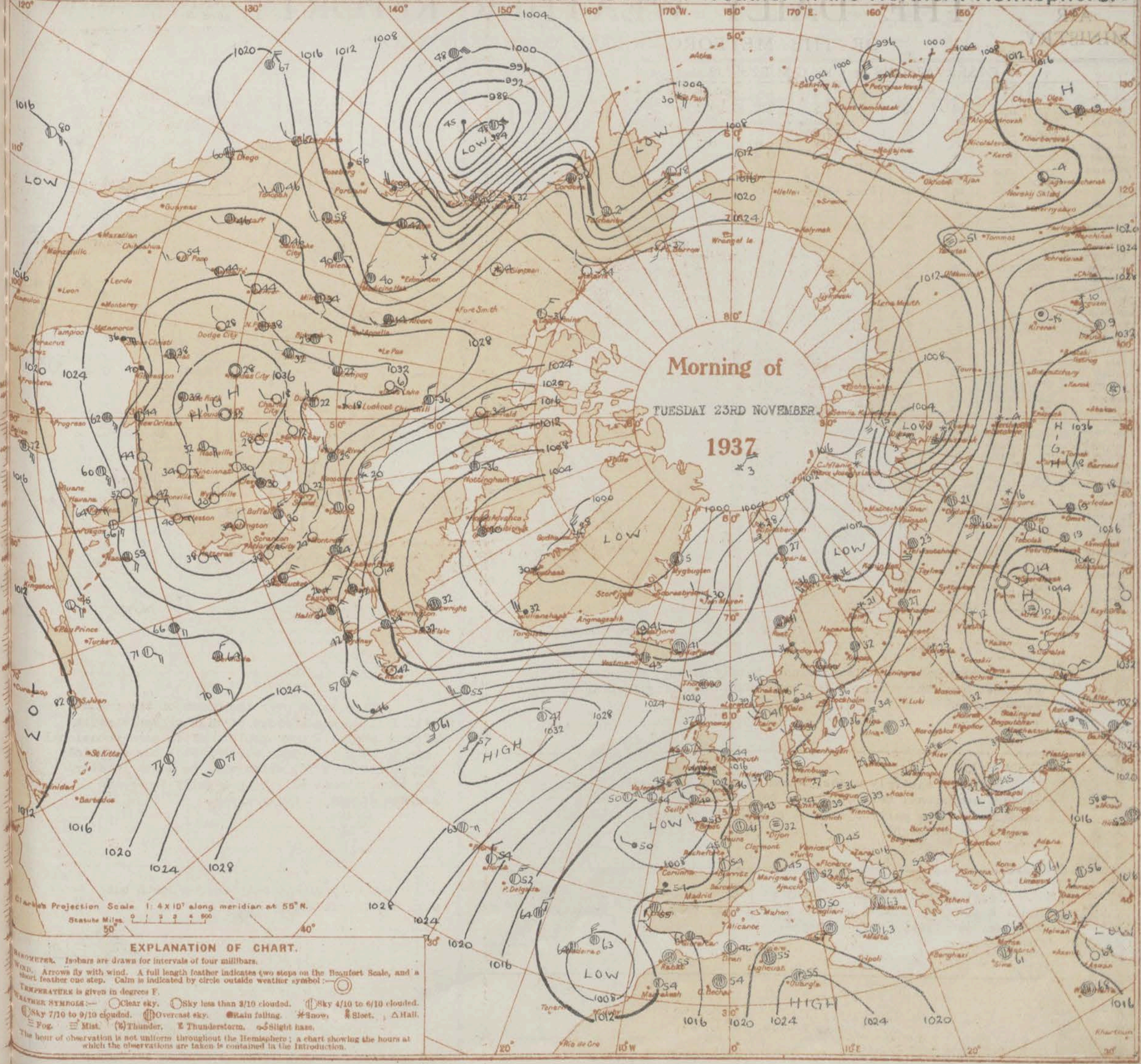
BAROMETER. Isobars are drawn for intervals of two millibars. WIND, WEATHER SYMBOLS. For explanation see opposite page. SEA DISTURBANCE. Rough High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.
A depression over the mouth of the Channel will fill up and a ridge of high pressure north of Scotland will move south. After some occasional rain in many districts weather will become mainly fair apart from fog which will be dense locally. Day temperatures will be generally above the average except in foggy areas.

FURTHER OUTLOOK.
Probably mainly fair in the South but with considerable fog.

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

37.
HIGH
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 23rd November, 1937.

No. 27760.

OBSERVATIONS at 1 hr. G.M.T. 23 rd November															OBSERVATIONS at 7 hr. G.M.T. 23 rd November															PAST 24 HOURS.						
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visibility.	Cloud.					Barom. at M.S.L. in in.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SPOTS.
					Dir.	Force.					Form.	Amount.		Height of Base (feet).	Dir.			Force.	Form.					Amount.		Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h in.	Night 18h-7h in.			
												Low.	Med.											High.	Low.									Total.	Low.	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1012.6	+4	ESE	1	z	45	97	5	8	-	-	9+	9+	1500	1	*	47	42	38	Tr	7	0.0	0.0
	Croydon	217	1012.0	0	SE	3	ir	46	97	6	5	-	-	1012.6	+2	SE	2	pr	46	92	6	3	3	-	7+	9+	2500	1	*	45	43	41	0.1	5	0.0	0.0
	S. Farborough	220	*	*	*	*	*	*	*	*	*	*	*	1012.1	+4	-	0	m	45	97	4	5	-	-	9+	9+	2500	2	*	47	43	39	5	10	0.0	0.0
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1011.1	+6	SE	4	o/r	47	97	6	5	-	-	10	10	1500	1	*	45	43	42	1	7	0.3	0.0
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	1011.8	+6	SE	3	o	49	92	8	3	7	-	7+	9+	2500	1	2	51	47	45	12	5	0.6	0.0
	Lympe	346	1014.0	-2	SE	3	dr	46	92	6	5	-	-	1014.3	+2	SE	3	z	49	97	5	5	-	-	10	10	450	1	3	46	45	43	0.3	0.4	0.0	0.0
Manston	142	1013.8	+2	SE	3	c	46	92	7	5	-	-	1014.2	+1	SE	3	o	47	97	6	5	-	-	9+	9+	800	1	*	45	44	40	Tr	0.3	0.0	0.0	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1013.8	0	SE	2	ir	47	97	8	6	2	-	9+	10	800	1	*	45	44	40	-	6	0.7	0.0
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1014.4	0	SE	3	yr	46	97	6	6	2	-	9	10	800	1	2	45	44	39	-	3	0.1	0.0
	Gorleston	5	1014.9	+2	SE	3	d	44	92	6	6	-	-	1015.0	0	SE	3	id	47	85	7	6	-	-	10	10	2500	1	2	45	44	38	-	0.6	0.1	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1013.8	-4	ENE	3	y/r	44	92	6	5	7	-	4-6	10	2500	1	*	44	37	29	-	4	0.6	0.0
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1014.4	+2	E	2	y/r	41	97	6	6	-	-	10	10	800	1	*	40	36	33	0.1	3	0.0	0.0
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1012.6	+6	E	2	ir	42	97	3	6	-	-	10	10	800	1	*	42	41					

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.			
Day 7h—18h. Kew & Croydon. 9h—18h. Kensington. 9h—21h. other stations except for rainfall which is 9h—18h.										COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.			
Height above sea level in feet. Weather. Temperature. Rainfall. Sun-shine to Sunset. Humidity. Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.										COLUMNS 8, 22.—Code for surface visibility. Objects not visible at			
Morning. Afternoon. Night. Day Max. Night Min. Min. on Grass. Day. Night. Yesterday. To-day.										24 hrs. ended 7h. G.M.T. 22 nd . SOUTH KENSINGTON. Max. Time Min. Time. 0.6 10-11h 0.3 2-4h 22 nd 23 rd			
Kew... 18 CROYDON... 217 GREENWICH (Royal Observatory)... 149 CITY (Banhill Row)... WESTMINSTER (St. James' Park)... 27 BROMLEY PK. (Botanic Gardens)... 168 CANNON SQUARE... 110 KENSINGTON... 80 HAMPSHIRE OBSERVATORY... 450										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.			
18h G.M.T. 22 nd November... 7h. G.M.T. 23 rd November... Past 24 Hours.										Beaumont No. Statute m/h. Beaumont No. Statute m/h. Beaumont No. Statute m/h.			
FOREIGN OBSERVATIONS. STATIONS. Barom. mb. Wind. Direc. Force. Temp. °F. Barom. mb. Wind. Direc. Force. Temp. °F. Max. Day. Min. Night. Rainfall. Day mm. Night mm.										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			
PARIS... 1014.6 SE 1 m 45 1016.2 - 0 z ₀ 43 46 41 0.3 0.3 BRUSSELS... 1015.5 SSE 2 c 41 1021.0 E 1 f 27 39 27 - - BERLIN... 1019.1 E 1 z ₀ 36 1017.5 NW 1 bc 45 ZURICH... 1013.4 E 1 z ₀ 41 ROME...										COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.			

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

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

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

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

‡ Sea disturbance reported from Dungeness.

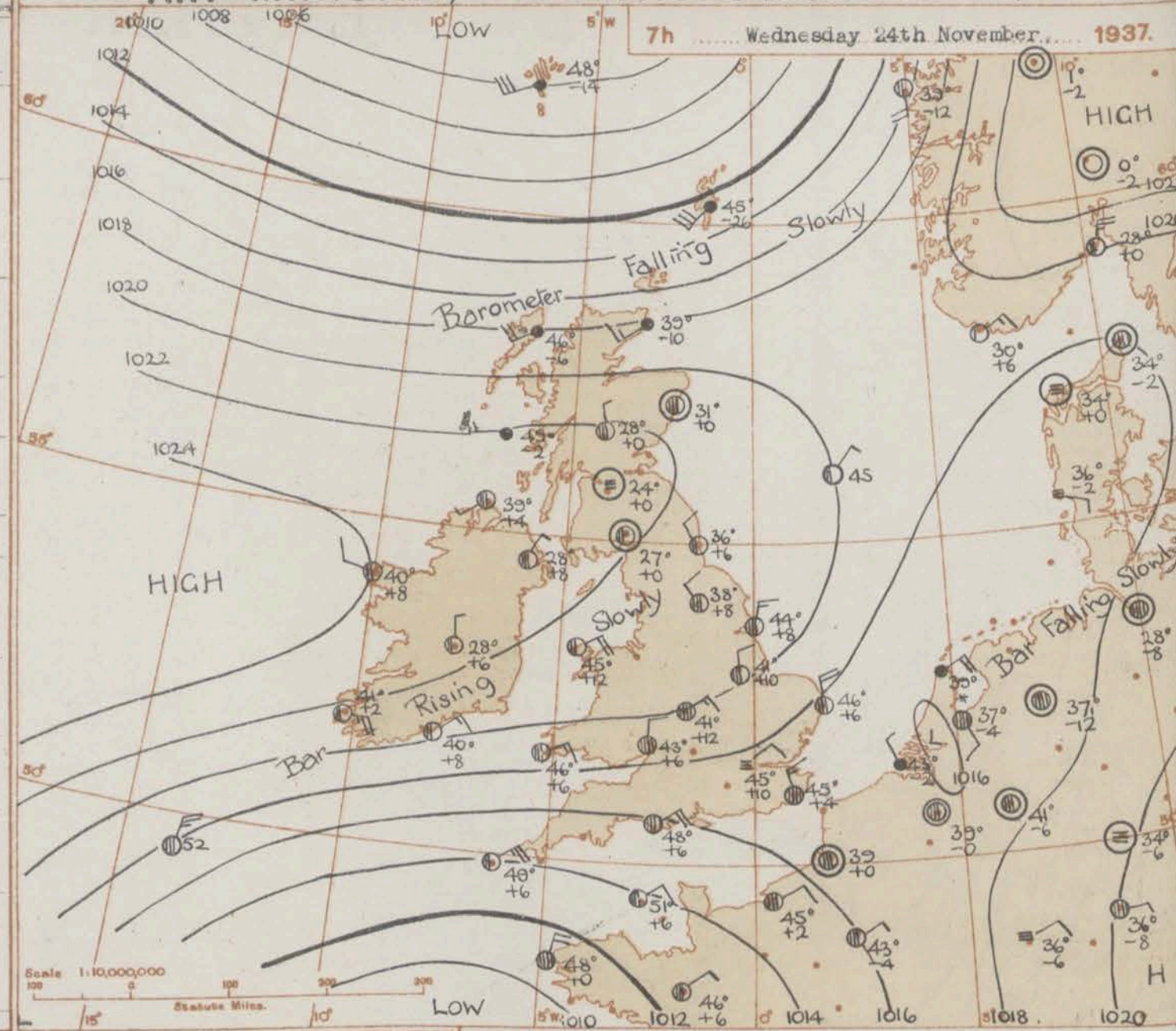
‡ Sea disturbance reported from Dingeness.

REPORTS from HEALTH RESORTS for 23rd November 1937.

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall (mm.)		Sunshine.
		Fore-noon.	After-noon.	Min. 9h. to 22nd.	Max. 22nd to 9h. 23rd.	Night. 17h. to 22nd.	Day. 9h. to 17h. 23rd.	
1	Tunbridge W.	c	oco	38	51	4	-	1.2
	Bournemouth	c	cpc	47	52	4	0.5	0.2
	Ventnor	rbou	cbrm	48	55	5	3	1.0
	Southsea	cbce	bccp	47	54	7	0.4	1.1
	Bognor Regis	cirbc	cir	47	52	4	0.5	0.3
	Littlehampton	c	cpc	48	53	5	Trace	1.0
	Worthing	c	bbeer	48	53	6	Trace	1.3
	Brighton	bc	bcc	48	54	6	-	1.3
	Eastbourne	oc	bcc	48	54	Trace	0.1	1.3
	Hastings	cbe	bcc	48	53	4	-	1.2
	Folkestone	oc	cc	43	50	0.5	-	0.1
	Dover	oc	ccg	43	51	2	Trace	0.2
2	Deal	oc	o	42	50	1	-	0.1
	Ramsgate	c	c	42	50	Trace	-	0.0
	Margate	c	bcc	42	50	0.5	-	0.1
	Southend	co	cc	42	50	5	-	0.2
	Clacton-on-Sea	cc	cc	41	49	5	-	0.4
	Dovercourt	roc	bcc	43	50	4	-	0.3
	Lowestoft	ormcr	cirm	38	48	3	0.5	0.0
	Skagness	or	orm	38	47	2	8	0.0
	Mablethorpe	or	orm	41	46	2	4	0.0
	Cleethorpe	or	or	35	45	5	5	0.0
	Leamington S.	or	o	33	48	7	3	0.0
	Cheltenham	or	oco	38	51	10	0.3	0.0
3	Bath	cpbc	bccp	38	53	11	0.3	0.2
	Weymouth	c	cpc	48	53	7	Trace	0.0
	Jersey	rre	c	48	53	13	3	0.2
	Torquay	qor	cbcb	42	51	13	12	0.1
	Falmouth	corge	g	45	54	0.5	0.2	0.8
	Penzance	c	bccb	46	54	0.5	-	1.5
	St. Ives	o	o	42	53	-	-	0.0
	Bude	r	o	44	51	6	-	0.0
	Ilfracombe	corro	opo	46	53	3	1	0.0
	Aberystwyth	pro	pro	43	48	3	2	0.0
	Llandudno	drogo	odgo	41	45	5	1	0.0
	Colwyn Bay	mpbpo	gobo	40	46	5	3	0.0
4	Rhyl	orgm	org	36	44	5	3	0.0
	Wallassey	ro	air	33	44	4	3	0.0
	Southport	rroir	iror	32	43	6	3	0.0
	Blackpool	or	oro	34	44	5	1	0.0
	Morecambe	rec	c	33	44	12	0.5	0.0
	Ilkley	rr	rr	24	42	2	2	0.0
	Harrogate	ora	corr	24	41	1	3	0.0
	Berwick-on-T.	cmomr	cbcc	27	45	-	Trace	0.0
	Dunbar	cra	cm	29	45	-	-	0.0
	Troon	xrbcc	bcbef	32	39	-	-	2.8
	Douglas	cfer	circ	41	45	5	0.5	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

1 S.E. England	
2 E. England	Light or moderate northeast winds, becoming variable; cloudy, occasional local rain or drizzle; local fog at night; rather mild.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	Light variable winds; mainly fair, apart from local fog forming at night; rather mild but local frost at night.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotland. B.N.W. Scotland.	Freshening southwesterly winds; mainly cloudy, occasional rain at first, showers later; rather mild.
14 Mid Scotland	
15 N.E. Scotland	Freshening southwesterly winds; mainly cloudy at first with occasional rain, becoming mainly fair; rather mild.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	As 7 - 12.
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

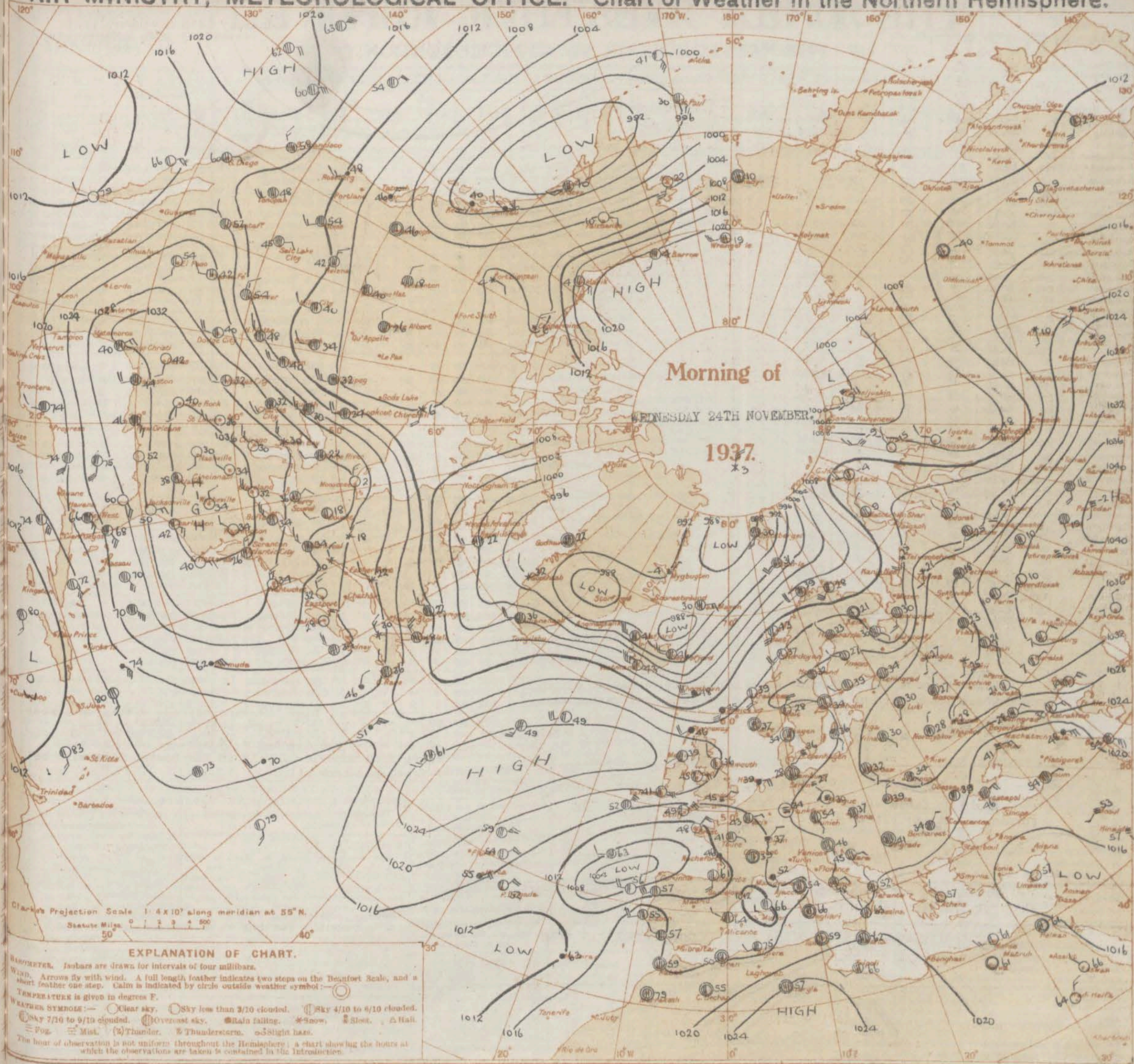
A wedge of high pressure extends eastwards across the British Isles. There will be rain at times in the North but elsewhere it will be mainly fair, apart from some local rain in the South. It will be generally rather mild.

FURTHER OUTLOOK.

Westerly winds spreading southwards. Mainly fair in the South; further rain spreading from the West to Scotland.

Forecasts issued at 1040 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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



[See disturbance reported from Durgamass]

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 25th November, 1937.

No. 27762.

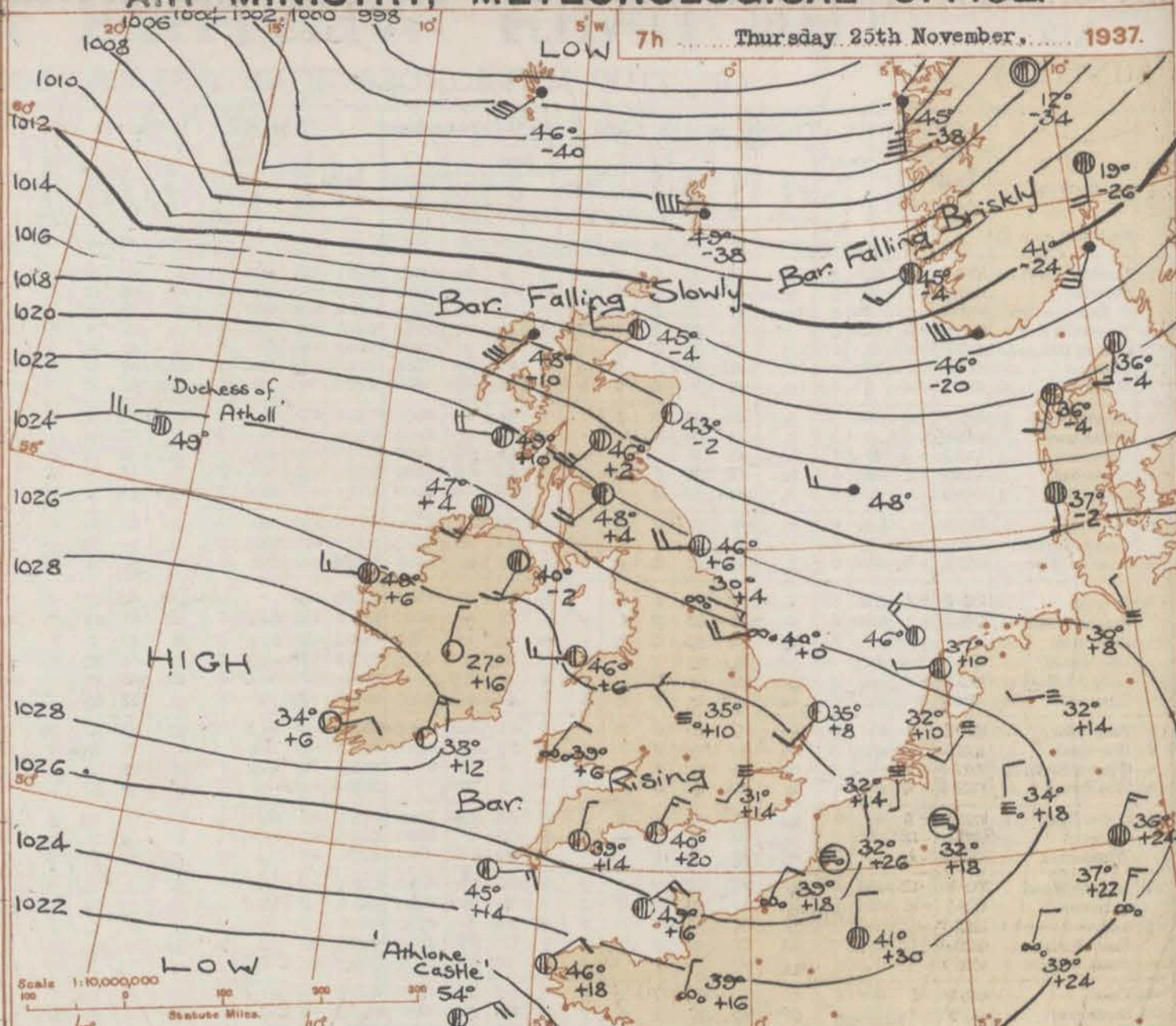
INSTR.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. 24th November													OBSERVATIONS at 18h. G.M.T. 24th November													PAST 24 HOURS.																					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir.	Wind. Force	Weather.	Temp.	Humid.	Visib.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Dir.	Wind. Force	Weather.	Temp.	Humid.	Visib.	Cloud.					State of Ground.	Sea.	WEATHER.																			
										Form.			Amount.										Height of Base (feet)	Form.			Amount.			Height of Base (feet)	7h.—13h. 24th				13h.—18h. 24th														
										Low	Med.	High	Low	Total										Low	Med.	High	Low				Total	Low	Med.	High	Low	Total	Low	Med.	High	Low	Total	Low	Med.	High	Low	Total	18h.—24th	24th—1h.	1h.—7h. 25th
(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) Croydon S. Farnborough Boscombe Down Calshot (Stmnt.) Lympe Manston	1013.3 1013.6 1020.0 1013.8 1013.4 1013.8 1013.7	0 +2 +2 +6 +4 -2 +4	NE NE NE NE NE NNE N	3 3 3 3 4 4 4	Z Z C C Z Z C	48 47 47 45 48 48 49	75 85 85 85 85 85 75	6 5 6 7 6 6 5	7 - - 4 3 8 5	- - - 3 3 2 3	3+ 3 3+ 10 10 7.8 7.8	3+ 3 3+ 10 10 7.8 7.8	1500 1500 2500 800 1500 1500 1500	1021.1 1021.0 1021.2 1021.3 1020.6 1020.6 1020.5	+12 +10 +14 +13 +14 +14 +10	NNE ENE NNE NE NE NNE NE	3 2 2 2 3 2 3	Z Z Z Z b bc C	45 45 45 35 45 42 47	85 85 85 32 85 85 75	6 4 6 6 7 7 7	5 - 5 - - - -	- - - - - - -	1 0 0 4.6 0 2.3 3	1 4.6 0 4.6 0 2.3 3	2500 - 4000 2500 - 4000 4000	1 1 1 1 1 1 1	* * * * * * *	cmz ofmcm omide ocmc cm fobcm cmrbc	bcbm cmcm cbcm cbcm cbcm bcmcbc cm	bmb bcm bcm bcm bcm bcm cpr	oFex bfxF bFFx bmjff bw cpr cprbc																
2	Shoeburyness Felixstowe Gorleston Mildenhall Cranwell	1013.7 1013.9 1013.3 1020.4 1021.3	+6 +6 +4 +2 -2	NNE N N NNE NNW	3 3 4 4 2	C C bc bc Z	48 47 48 48 44	85 75 75 85 85	7 8 7 8 5	5 - - 4 -	- - - - -	3+ 3 4.6 4.6 7.8	3+ 3 4.6 4.6 7.8	4000 4000 4000 2500 4000	1020.3 1021.6 1021.0 1022.3 1023.1	+12 +12 +14 +16 +12	N N N N NNW	3 3 3 2 2	bc Z bc Z bcft	42 42 46 37 40	32 85 75 57 32	8 6 6 6 3	5 - - - -	- - - - 4	2.3 4.6 2.3 0 0	2.3 4.6 2.3 0 2.3	4000 4000 2500 - -	1 1 1 1 1	* 2 2 * *	cm ofbcm cbcm bmc cmrbc	cbc cbcbcm bcq bcm bcmrfe	bcbw bcm prbc bm bcfofe	bcbxm bcm bczw oFFx ofelfx																
3	Birmingham Upper Heyford	1021.3 1021.1	0 +4	ENE NE	2 4	m C	43 46	75 85	4 7	5 8	- 4	2.3 7.8	2.3 7.8	2500 1500	1022.3 1022.7	+12 +10	NE NNE	2 2	m Z	42 39	85 32	4 6	- 5	- -	- 2.3	0 2.3	- 2500	1 1	* *	ocbm omcm	bcbm cbcbcm	bm bm	bmx bmfx																
4	Ross-on-Wye	1021.2	+8	NE	3	Z	45	85	5	5	-	10	10	1500	1022.8	+12	ENE	2	m	38	32	4	-	-	-	0	0	-	1	*	omcm omcm	cbcbcm cmrbc	bmyff bmyff	FFx FFx															
5	Bristol Portland Bill Plymouth The Lizard Scilly (St. Mary's) Guernsey	1021.2 1013.2 1013.1 1016.3 1016.3 1016.2	+8 +8 +2 +4 -4 0	ENE ENE NE NE NE NE	3 4 3 5 4 4	Z C Z C bc bc	47 48 48 50 51 54	85 85 85 32 85 85	6 7 6 7 7 7	8 4 - 6 - 2	- - - 6 - 3	3+ 10 10 7.8 0 4.6	3+ 10 10 3 2.3 4.6	1500 2500 800 2500 - 2500	1022.3 1013.4 1020.6 1013.5 1013.3 1013.4	+14 +16 +24 +22 +24 +20	- ENE NE NE NE NE	0 4 3 3 4 5	bft bc C C C C	40 47 47 49 49 52	37 85 75 85 85 85	3 7 7 7 7 6	5 4 5 8 5 8	- - - - - -	- - - - - -	0 4.6 3 3 10 7.8	0 4.6 3 3 10 7.8	2500 2500 1500 1500 1500 2500	1 1 1 1 1 1	* 3 1 2 2 3	cm oc cm c bc cbc	cbcm cbcm cbcm cbcm cbcm cbcm	bff bc cb cbcc bcbcc czpr	FFe bcbe b cbc bcbcc oc															
6	Pembroke	1020.6	+4	E/N	3	q	47	85	8	5	1	2.3	2.3	4000	1022.4	+14	NE/E	3	bc	42	32	7	5	4	-	2.3	4.6	2500	1	2	qbc	bc	bmb	bmyw															
7	Holyhead	1022.3	-6	E/S	3	bc	47	75	7	7	-	5	2.3	4.6	4000	1023.3	+10	NE	1	b	45	85	8	7	-	1	1	4000	1	1	bcc	bc	bmyw	bcmw															
8	Chester (Sealand)	1022.8	-6	NNW	2	m	42	85	4	-	-	0	0	-	1023.8	+10	NNW	1	bft	35	37	3	-	-	-	0	0	-	1	*	bcmf bcmf	bmyf bmyf	bmyx bmyx	bmx bmx															
9	Manchester	1022.6	-6	NNE	1	m	44	85	4	-	4	-	0	0	-	1023.5	+10	N	1	bft	33	37	3	-	-	0	0	-	3	*	bcmf bcmf	bmyf bmyf	bfoFFx bfoFFx	oF, effe oF, effe															
10	Spurn Head Catterick Tynemouth	1021.8 1022.1 1021.4	+8 -12 -8	NNE NNE N	2 1 2	bc C m	46 46 42	85 75 75	8 7 4	8 4 5	8 6 1	4.6 7 2.3	4.6 7 4.6	2500 2500 800	1023.2 1023.3 1023.3	+2 +10 +4	NNW NNW W	2 1 2	bc Z Z	41 32 35	32 32 32	8 6 5	5 - 5	4 - -	- 0 4.6	4.6 0 4.6	2500 - 800	0 1 1	2 * 1	cbc cm, bcc bcm	bcb cbcm bcm	bcmw bcm bcm	mfmw bxbcm bcc																
11	St. Abbs Head	1021.3	-12	WSW	2	C	42	65	7	5	7	4.6	7.8	4000	1020.5	-4	W	4	C	44	85	7	4	4	1	4.6	7.8	2500	0	2	C	C	b, c	cbc															
12	Leuchars Renfrew (Abbots L.) Eskdalemuir Point of Ayre	1021.1 1022.7 1022.4 1022.3	-10 -10 -6 -2	WSW - SW/S N/W	3 0 2 1	C cf bc bc	37 36 41 47	85 37 65 75	6 3 8 8	5 3 7 1	3 7 3 3	3 3 7 3	3 3 7 7	5700 5700 4000 4000	1013.5 1021.6 1022.8 1023.5	-2 -2 +2 +6	WSW - SE NW	3 0 2 2	bc m bc C	39 40 35 44	85 32 85 75	6 4 8 8	5 - 5 1	- - - 3	4.6 3 4.6 7	4.6 3 4.6 9	4000 1500 2500 4000	1 1 1 1	* * * 1	bmycm off, c bcbcc bc	cmbr cfm bcm bcm	bcm cm, d bcm bcm	cbc cm, c cm cm																
13a	Tiree	1021.0	-2	WN	4	C	50	85	7	5	7	-	4.6	3+	1500	1021.2	+6	NNW	3	C	49	75	7	5	7	-	4.6	3+	1500	0	2	cid	ca	cid, d	D, pr														
13b	Stornoway	1017.9	-4	WSW	4	C	49	32	8	5	7	-	4.6	10	1500	1017.9	+2	W	4	bc	49	37	6	5	2	-	3	10	1500	1	2	ca	ca	cid, d	cid														
14	Dalwhinnie	1021.0	-10	NE	1	C	33	85	7	5	2	-	7.8	10	2500	1021.0	+4	W	2	C	43	85	7	5	-	-	10	10	2500	1	*	isc	C	cm, c	cm, c														
15	Aberdeen	1013.7	-20	SW/S	2	Z	41	65	5	5	-	3+	3+	4000	1018.0	0	SW/W	2	cf	44	75	6	5	2	-	3	10	4000	4	1	exz	C	cm, c	cm, bc															
16	Wick Lerwick	1013.3 1010.5	-8 -16	SW SSW	3 4	C/pr pr	45 49	32 97	7 7	5 6	2 2	3 7.8	10 10	1500 800	1015.6 1010.4	-2 +2	W W	2 5	C bc	47 48	32 37	7 6	5 6	2 2	- -	7.8 3	10 10	800 450	1 1	*	cb pr	C cm, rcm	cdm cm, d	C C															
17	Blacksod Point	1024.7	0	W	1	bc	49	75	3	2	3	4	2.3	4.6	2500	1025.0	+4	-	0	46	85	8	5	-	-	10	10	1500	0	2	cbc	C	m, c	C															
18	Malin Head Aldergrove	1023.2 1023.5	-4 -6	SW SSW	3 1	C bc	46 42	37 75	8 7	5 5	- 2	3+ 1	3+ 4.6	1500 5700	1022.6 1024.3	0 +6	WSW SW	3 2	C/pr C	47 38	37 32	7 7	3 5	2 -	- -	4.6 7.8	9 7.8	800 4000	0 1	1 *	C cxcbe	C bcc	C C	bcc C															
19	Birr Castle	1023.7	+4	NE	1	bc	35	32	8	5	-	2.3	2.3	2500	1024.7	+6	NE	1	bc	36	37	8	-	4	-	0	2.3	-	1	*	bc	bc	bcb	b															
20	Valentia Obsy.† Roches Point	1023.3 1022.3	-6 +2	NE NE	4 3	b bc	46 47	65 75	8 8	1 -	4 -	1 0	7 2.3	1500 -	1025.1 1024.3	+24 +16	- NNE	0 3	b bc	41 42	85 32	6 8	1 5	- -	- -	1 4.6	7 4.6	2500 2500	0 1	1 3	bcb bc	b bc	bbx bcbw	bcb bwb															

REPORTS from HEALTH RESORTS for 24th November 1937.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
		Forenoon.	Afternoon.	Min. 9h. 23 rd to 24 th	Max. 9h. 17h. 24 th	Night. 17h. 23 rd to 9h. 24 th	Day. 9h. 17h. 24 th	
1	Tunbridge W.	o	c	44	47	0.3	-	0.1
	Bournemouth	oc	bco	45	45	2	-	1.8
	Ventnor	poze	becz	46	43	0.5	-	2.2
	Southsea	oco	cbcpz	46	48	7	-	0.0
	Bognor Regis	cbec	cbcb	46	43	2	-	1.7
	Littlehampton	bec	cbe	46	50	11	-	2.5
	Worthing	cbec	becb	46	43	3	-	1.4
	Brighton	c	c	47	43	4	-	0.0
	Eastbourne	oco	ocbe	50	52	1	-	0.8
	Hastings	cmcb	beb	46	51	1	-	1.7
	Folkstone	omc	c	45	43	0.3	-	0.3
	Dover	cbec	c	44	51	0.5	-	0.6
	Deal	o	oco	43	50	-	-	0.1
	Ramsgate	c	bcc	46	50	Trace	-	1.8
	Margate	be	bcc	46	48	0.3	-	0.7
2	Southend	omcbe	bccac	44	48	0.5	-	1.3
	Clacton-on-Sea	bccm	cbcm	44	47	-	-	0.0
	Dovercourt	be	be	43	47	Trace	-	1.1
	Lowestoft	c	cbcb	41	47	Trace	-	0.4
	Skegness	beb	b	42	48	Trace	-	6.3
	Mablethorpe	beab	cbpbc	44	48	0.3	2	3.2
	Cleethorpe	bccr	bc	40	44	4	0.5	2.6
3	Leamington S.	oc	bc	42	46	-	-	2.4
4	Cheltenham	omc	cbcm	42	47	Trace	Trace	0.8
5	Bath	c	cbcb	45	48	0.3	-	1.8
	Weymouth	c	cb	45	43	3	-	0.3
	Jersey	cbec	cbe	48	55	-	-	3.5
	Torquay	woz	oc	41	48	Trace	-	0.0
	Falmouth	bccco	c	33	51	-	-	2.2
	Penzance	b	bcc	43	52	-	-	4.7
	St. Ives	o	b	38	43	-	-	0.0
	Bude	e	be	42	48	0.1	-	1.1
	Ilfracombe	boco	ocbce	45	48	1	-	2.0
6	Aberystwyth	cbe	bez	42	47	-	-	5.4
7	Llandudno	cbcb	bcbm	40	45	-	-	4.5
	Colwyn Bay	beb	b	33	44	-	-	4.8
	Rhyl	cm, be	bcbm	38	45	0.4	-	2.8
8	Wallasey	fc	mbcz	35	43	Trace	-	2.2
	Southport	mbcz	bzbm	32	43	1	-	4.3
	Blackpool	cmbe	bm	34	45	-	-	4.4
	Morecambe	cbbe	bccm	34	45	Trace	Trace	6.1
9	Ilkley	cbcb	bc	34	50	1	-	4.3
	Harrogate	cb	b	34	43	4	-	5.1
10	Berwick-on-T.	omc	cbe	30	33	-	-	1.8
11	Dunbar	cm	cr	28	43	-	Trace	2.3
12	Troon	xcbcc	cc	23	48	-	-	0.2
	Douglas	bex	bc	36	50	-	-	5.8

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th November, 1937.

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

Winds becoming moderate westerly; fog at first, clearing and becoming mainly fair; rather cold in foggy areas but temperature reaching the average later.

Moderate westerly winds, freshening locally; mainly fair; rather mild.

Moderate westerly winds, freshening locally; mainly fair at first, occasional showers later; mild.

Strong westerly winds, gale locally, veering and moderating later; mainly cloudy, occasional rain, fairer later; mild at first.

AS 11 - 12.

Winds becoming moderate westerly; mainly fair; rather mild.

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

GENERAL INFERENCE.

An anticyclone west of Ireland is moving south-east and a low pressure trough near The Faeroes east-southeast. There will be strong west or northwest winds in the North with occasional rain at times elsewhere, the weather will be mainly fair after fog at first in the South.

FURTHER OUTLOOK.

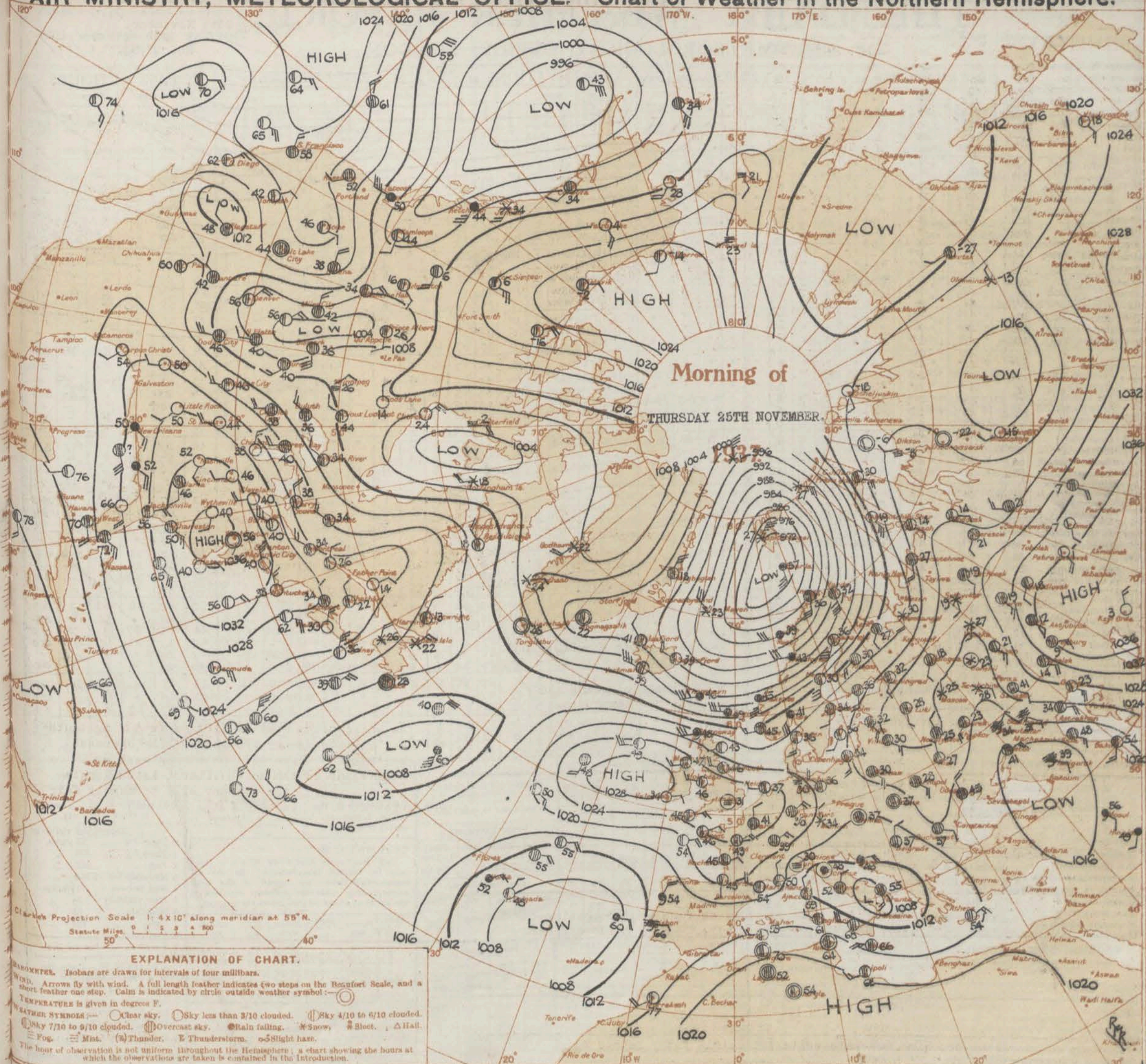
None issued.

Time of issue of Gale Warnings.

North Cone hoisted in districts 13A, 13B, 15 and 16 at 0830 G.M.T. on 25/11/37.

Forecasts issued at 1030 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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



Clark's Projection Scale 1:4 X 10⁷ along meridian at 55° N.
Statute Miles. 0 100 200 300 400 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: ○
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. * Sleet. △ Hail. ○ Fog. ○ Mist. (T) Thunder. E Thunderstorm. ○ Slight haze.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 25th November, 1937.

No. 27762.

OBSERVATIONS at 1 hr. G.M.T. 25 th November															OBSERVATIONS at 7 hr. G.M.T. 25 th November															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility. 0-9.	Cloud.					Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility. 0-9.	Cloud.					State of Ground. 0-9.	Sea. 0-9.	TEMPERATURE.			RAINFALL.		SUNSHINE 24 ^{hrs.}			
					Dir.	Force.					Form.	Amount.	Height of Base. (feet).	Dir.	Force.			Form.	Amount.					Height of Base. (feet).	Dir.	Force.	Form.	Amount.			Height of Base. (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. or Grass °F.	Day 7h-18h mm.		Night 18h-7h mm.		
																																						(1)	(2)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1027.0	+12	SW	1	F	31	97	1	-	-	-	10	10	<150	4	*	43	30	21	-	-	0.9				
	Croydon	217	1024.3	+10	-	0	F	34	97	3	-	-	-	1027.2	+14	SWW	1	P	31	97	0	-	-	-	10	10	<150	1	*	48	30	25	-	Tr	0.0				
	S. Farborough	226	*	*	*	*	*	*	*	*	*	*	*	1027.6	+12	WN	1	F	30	97	1	-	-	-	0	0	-	3	*	46	27	21	Tr	Tr	0.0				
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1027.9	+12	NNW	2	F	29	97	3	-	-	-	0	1	-	1	*	46	27	25	-	0.1	1.9				
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1026.8	+10	NWN	2	b	38	92	7	-	-	-	4	-	-	1	*	48	37	34	-	-	0.0				
	Lympe	340	1023.9	+14	NNE	2	c/pr	41	92	7	5	-	-	1026.5	+14	N	2	bc	35	85	7	5	4	3	1	2-3	4000	1	* 0	48	34	31	-	0.5	0.1				
	Manton	142	1023.1	+10	NE	1	c	43	85	8	5	-	-	1025.9	+16	NW	2	bc	40	85	8	5	-	1	4-6	4-6	2500	1	*	50	39	30	0.6	0.6	0.4				
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1026.1	+10	WNW	2	bc	33	97	5	4	-	2	1	2-3	2500	1	*	50	32	24	-	-	1.8				
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1025.7	+14	WNW	2	Zo	36	92	5	5	3	4	2-3	4-6	2500	1	2	48	34	29	-	-	1.0				
	Gorleston	5	1023.4	+6	W/N	2	bc	38	85	6	-	1	-	1025.4	+8	WSW	2	bc	35	92	6	5	3	-	4-6	4-6	2500	1	2	49	34	32	-	Fr	1.4				
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1026.1	+6	SSW	2	F	32	97	1	-	-	-	10	10	<150	3	*	49	27	25	Tr	Tr	0.7				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1025.6	+10	WSW	2	F	32	97	3	-	-	5	-	-	0	4-6	1	*	47	32	30	-	0.1	5.3			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1027.3	+10	WNW	2	m	35	92	4	-	-	1	0	Tr	-	1	*	45	32	23	-	-	1.0				
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1027.5	+10	NW	2	F	30	97	1	-	-	-	0	0	-	3	*	47	28	26	-	-	*				
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1027.7	+8	-	0	F	29	97	1	-	-	-	10	10	<150	1	*	45	27	24	-	Tr	0.1				
5	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1028.1	+8	-	0	F	34	97	0	-	-	-	10	10	<150	1	*	47	33	25	Tr	-	0.0				
	Portland Bill	32	1023.7	+20	NE	3	bc	43	75	7	4	-	-	1026.1	+20	NE	3	bc	40	85	8	4	-	-	2-3	2-3	2500	1	3	49	39	*	-	-	*				
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1026.9	+14	NNE	1	bc	39	85	8	-	3	1	0	2-3	-	1	0	48	38	30	-	-	0.6				
	The Lizard	240	1023.2	+20	NNE	3	c	44	85	7	4	-	-	1025.7	+16	NNE	4	bc	45	85	8	8	-	-	4-6	4-6	2500	1	3	50	40	*	-	-	1.1				
	Scilly (St. Mary's)	163	1023.7	+16	NEE	4	bc	47	85	7	5	-	-	1025.8	+14	E/N	3	bc	45	85	7	-	4	-	0	2-3	-	2	51	45	*	Fr	-	5.8					
	Guernsey	175	1021.8	+20	E	2	0	50	85	6	5	-	-	1025.0	+16	ENE	3	c	49	75	9	8	-	-	9	9	2500	1	3	55	49	44	-	0.2	2.9				
6	Pembroke	142	1025.7	+8	NE/E	2	Zo	40	85	5	5	-	-	1027.4	+6	ENE	2	Zo	39	92	6	5	7	-	Tr	1	4000	1	1	48	37	*	-	Tr	3.5				
7	Holyhead	26	1025.7	+6	S'W	1	bc	40	92	6	-	3	-	1026.5	+6	W	3	bc	46	85	8	1	-	5	4-6	4-6	2500	1	1	48	37	28	-	-	6.2				
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1026.6	+10	SE/S	1	m	30	97	4	-	4	2	0	2-3	-	3	*	42	26	25	-	-	1.4				
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1026.6	+6	-	0	F	33	97	3	5	-	-	10	10	4000	1	*	44	27	24	-	Tr	2.2				
10	Spurn Head	29	1024.1	+8	W	2	m	40	92	4	5	1	-	1023.6	0	W/S	4	Zo	40	92	5	5	1	-	4-6	10	1500	1	1	48	37	*	-	Tr	4.2				
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1023.8	+4	ESE	1	Zo	30	97	6	8	4	1	1	2-3	4000	1	*	47	29	24	-	-	5.5				
	Tynemouth	108	1022.0	0	W	3	bc	42	85	7	5	-	-	1022.0	+6	W	4	c	46	85	7	2	6	-	4-6	7-8	1500	1	1	44	38	36	-	-	4.0				
11	St Abbs Head	280	1019.5	0	W	5	c	49	75	7	4	6	-	1020.7	+4	W	5	bc	50	75	8	4	1	3	2-3	4-6	2500	0	3	45	43	*	-	-	*				
	Loughars	36	*	*	*	*	*	*	*	*	*	*	*	1020.2	0	W	3	bc	45	92	8	6	-	-	Tr	4-6	2500	1	*	40	39	36	-	-	0.2				
12	Reufrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1022.5	+4	WSW	4	c	48	97	7	5	Z	-	10	10	1500	1	*	40	40	38	Tr	Tr	0.1				
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1023.6	+6	SW/S	2	c	43	92	5	5	-	-	9+	9+	800	1	*	42	35	33	0.1	-	4.2				
	Point of Ayre	30	1024.4	+4	WNW	3	c	46	85	7	5	7	-	1024.9	+6	NW	4	c	47	92	7	5	7	-	2-3	9	2500	1	2	50	37	*	-	-	6.3				
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1022.9	+10	W/N	4	c/pr	49	92	7	8	7	8	4-6	9+	1500	1	*	50	49	46	0.3	1	0.1				
13B	Stornoway	80	1018.3	+4	WSW	5	id	49	92	8	5	7	-	1017.9	-10	WSW	5	id	48	92	7	5	7	-	9	10	2500	1	3	49	48	*	-	1	0.0				
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1021.9	+2	WSW	5	c	46	85	7	4	-	5	2-3	7-8	2500	1	*	44	43	37	1	Tr	0.0				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1018.0	-2	SW/W	2	bc	43	85	6	-	3	2	0	4-6	-	1	1	44	37	30	Tr	0.3	0.0				
	Wick	81	1016.3	+2	W	3	c	48	97	7	5	1	-	1015.7	-4	W	2	c	45	92	8	5	1	-	7-8	7-8	1500	1	1	47	44	*	1	0.6	*				
16	Lerwick	156	1010.7	-8	W	5	bc	48	85	8	8	-	-	1006.4	-38	W	8	c.o	49	92	6	6	2	-	9	10	800	1	*	49	46	*	7	1	0.0				
17	Blackad Point	18	1025.8	0	-	0	c	48	85	8	5	-	-	1026.6	+6	W	3	c	49	85	8	5	-	-	10	10	1500	0	2	48	43	*	-	Tr	1.1				
18	Malin Head	84	1028.4	+4	SWW	3	bc	46	97	7	8	-	-	1024.6	+4	SWW	3	c	47	97	7	8	-	-	9	9	1500	0	2	47	44	*	Tr	-	0.2				
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1025.9	-2	SW	3	c	40	97	7	5	-	-	9+	9+	2500	1	*	45	37	29	Fr	-	3.6				
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	1027.8	+16	N/E	1	b	27	97	8	-	-	-	0	0	-	1	*	42	26	*	-	-	5.2				
20	Valentia Obay.†	30	1026.6	+2	NE	1	b	40	97	7	-	-	-	1028.2	+6	E/N	2	b	34	92	8	-	-	-	0	0	-	0	1	46	33	29	-	Tr	5.7				
	Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	1028.2	+12	NNE	3	b	38	92	8	-	-	-	0	0	-	1	3	47	36	*	-	Tr	*				

LONDON OBSERVATIONS.													EXPLANATION OF FIGURES, LETTERS, etc.												
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.													The barometric tendency is expressed in tenths of a millibar.												
Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.													COLUMNS 2, 15.												
24 hrs. ended 7h. G.M.T. 25 th													The barometric tendency is expressed in tenths of a millibar.												
SOUTH KENSINGTON.													COLUMNS 4, 18.												
Max. Time. Min. Time.													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.												
0.6 19-21h 0.3 2-3hrs																									
24th 25th																									
Kew Observatory.																									
Max. Time. Min. Time.																									
0.4 19hr 0.1 10hr																									
24th 24th																									
Past 24 Hours.																									
Max. Min. Rainfall.																									
Day Night																									
mm. mm.																									
Paris ...													0 Calm. 5 Very rough.												
Brussels ...													1 Smooth. 6 High.												
Berlin ...													2 Slight. 7 Very high.												
Zurich ...													3 Moderate. 8 Precipitous.												
Rome ...													4 Rough. 9 Confused.												

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

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

1 hr. observations are from Valenda W/T Station.

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

† Sea disturbance reported from Dungones.

150

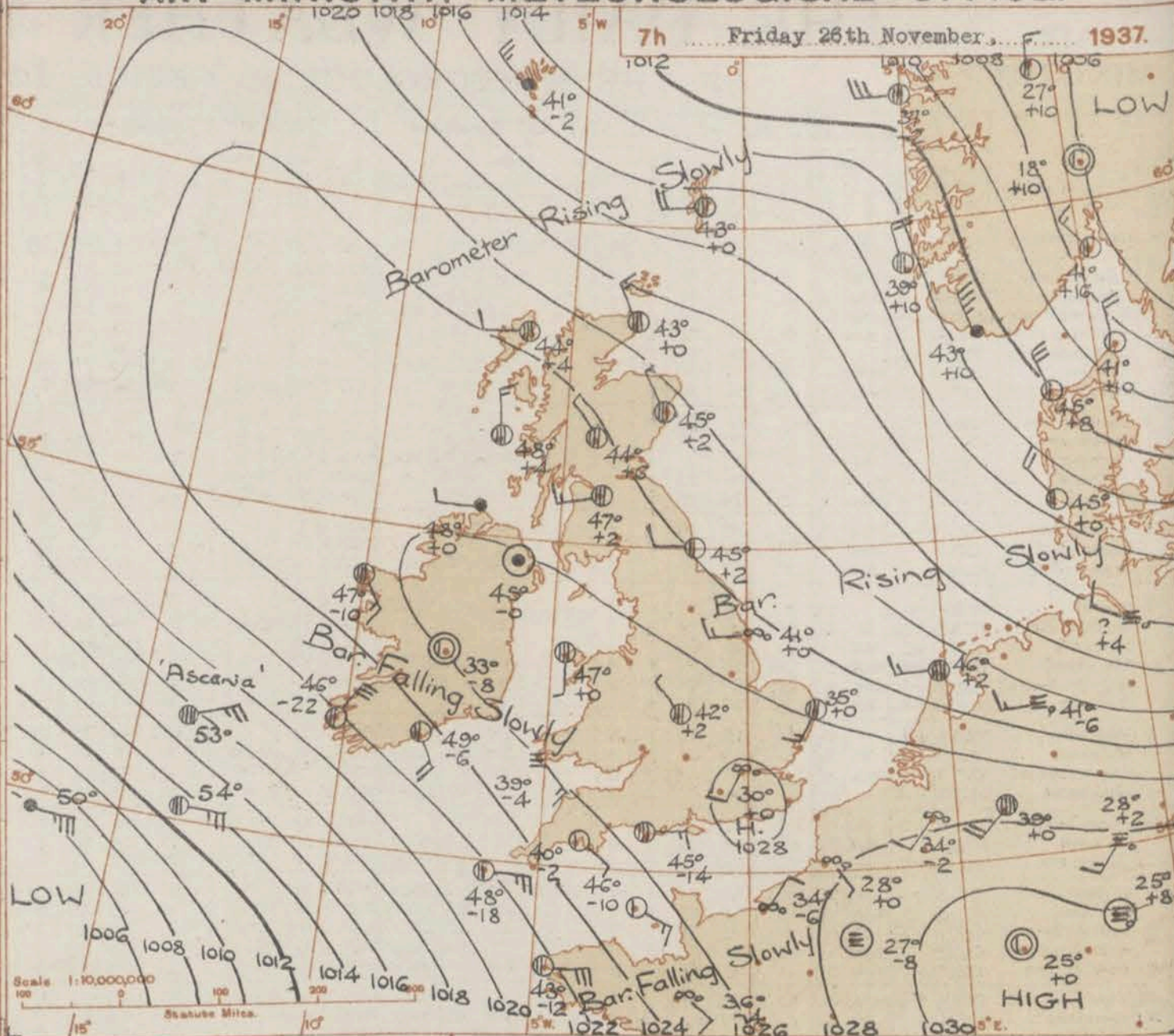
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 25th November.														OBSERVATIONS at 18h. G.M.T. 25th November.														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	% Humid.	Visibility 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	% Humid.	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.									
				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)	7h.—13h. 25th	13h.—18h. 25th	18h.—25th 26th	1h.—7h. 26th		
(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)	1028.8	0	WSW	1	f	37	85	2	-	-	-	0	0	-	1028.9	+6	W	1	F	34	97	0	-	-	-	10	10	1500	1	*	oFxbf	bfor	oFx	oFex
	Croydon	1028.8	-8	WN	2	z ₀	43	85	5	-	-	-	0	0	-	1028.7	+10	SW	2	m	37	92	4	-	-	1	0	2.3	-	1	*	oFfcbm	bzm	bmm	bm _x
	S. Farnborough	1029.4	+2	NW	2	z ₀	37	97	3	5	-	-	2.3	2.3	450	1029.2	+8	-	0	fs	37	92	6	-	-	2	0	4.6	-	1	*	bPxoFe	bfm	bcm	bm _x f
	Boscombe Down	1029.4	-2	NW	1	z ₀	41	92	6	-	-	-	0	0	-	1029.2	+6	-	0	z ₀	39	92	6	-	-	1	0	2.3	-	0	*	bFFb	bm	bm _x	bm _x ffx
	Calshot (Sthmtn.)	1029.1	+6	-	0	z ₀	46	75	5	-	-	-	0	0	-	1029.1	+6	-	0	z ₀	38	92	5	-	-	0	0	-	-	0	0	bm	bm _w	bm _w oFfx	bfx
	Lympe	1028.5	-2	WNW	1	bc	47	75	7	2	-	1	Tr	2.3	4000	1028.9	+4	W'S	2	z ₀	40	75	5	-	-	1	0	1	-	1	\$ 0	bcbz ₀	bcbbcz ₀	bzm _w	bm _w x
	Manston	1028.2	+2	WNW	3	z ₀	46	75	5	-	3	1	0	2.3	-	1028.2	+4	SWW	2	m	36	85	4	-	-	8	0	2.3	-	1	*	bcmfm	bcm	bcbm _w	bm _w
2	Shoeburyness	1028.1	+2	W'S	2	bef	41	85	3	-	4	1	0	2.3	-	1028.3	+4	WSW	2	f	40	92	3	-	-	-	0	0	-	1	*	bm _w ff	bff	bcm _w	bm _x em
	Felixstowe	1027.7	+2	WS	2	z ₀	41	75	6	-	-	2	0	2.3	-	1027.6	+6	SWS	3	z ₀	43	85	5	-	-	0	0	-	1	2	bcm	bm	bcm	bm _w	
	Gorleston	1025.7	-6	SW	3	m	42	75	4	5	3	1	2.3	7.8	2500	1026.3	+4	SW	2	bc	41	85	5	5	-	4.6	4.6	1500	1	*	bccfm	bcmz	bcbz ₀	bmbccz ₀	
	Mildenhall	1026.9	-6	SWW	3	z ₀	41	92	5	-	4	2	0	2.3	-	1027.1	+4	SWW	3	z ₀	38	97	6	-	-	0	0	-	1	*	oFxbcm	bm	bcbm	bm _x	
	Cranwell	1026.1	-6	WSW	3	z ₀	44	75	5	-	4	6	0	9+	-	1026.0	+2	W'S	3	z ₀	41	92	6	-	-	0	0	-	1	*	bcbfm	bcb	bcbcm ₀	bcm _x	
3	Birmingham	1027.1	-4	WSW	3	z ₀	45	65	5	-	-	6	0	4.6	-	1027.2	0	W	2	m	41	85	4	-	5	-	0	4.6	-	1	*	mbbc	bcb	bcc	c
	Upper Heyford	1028.8	-4	SSW	1	m/f	38	92	4	-	-	1	0	Tr	-	1028.9	+12	-	0	f	34	97	3	-	4	1	0	1	-	1	*	bFxbm	bcb	mbf	bcbm
4	Ross-on-Wye	1028.7	0	SW	1	F	32	97	1	5	-	-	7.8	7.8	1500	1028.7	0	SW	1	f	32	97	2	-	-	-	0	0	-	1	*	FFe	Fbf	F	FFx
5	Bristol	1029.8	0	-	0	F	37	97	1	-	-	-	10	10	1500	1029.3	+4	-	0	F	33	97	0	-	-	-	10	10	1500	1	*	Fe	FFE	FFwffx	ffFx
	Portland Bill	1028.5	+10	E	3	b	48	75	3	-	-	-	0	0	-	1028.7	+10	ENE	3	b	44	75	7	-	-	-	0	0	-	1	2	bcb	b	b	bcb
	Plymouth	1028.7	+2	NE	1	b	48	65	8	-	-	-	0	0	-	1028.8	+6	E	1	z ₀	43	85	6	5	-	1	1	2500	1	1	b	bm	bm _b	bx	
	The Lizard	1027.9	+4	ENE	3	bc	51	75	8	8	-	-	4.6	4.6	2500	1027.3	+2	ENE	4	bc	49	85	8	-	-	4.6	4.6	2500	1	2	bcbcb	bcbcb	bcb	bc	
	Seilly (St. Mary's)	1027.7	+4	ENE	4	bc	51	85	7	5	3	-	1	2.3	2500	1026.5	-2	ENE	4	b	48	75	7	7	-	1	1	4000	1	2	bc	bcb	bcb	bc	
	Guernsey	1028.1	+8	E'S	2	b	50	75	8	-	-	-	0	0	-	1028.4	+4	E	2	b	47	65	9	-	-	0	0	-	1	1	cbeb	b	b	b	
6	Pembroke	1029.3	+4	-	0	b	48	75	7	5	7	-	Tr	1	4000	1028.5	-2	-	0	bc	46	75	7	5	-	-	2.3	2.3	4000	1	1	bm _b	bm _b bc	bw	bm _w Feo
7	Holyhead	1027.7	-2	W	3	c	49	65	8	7	-	-	9+	9+	4000	1027.7	0	NWW	4	c	49	75	8	5	-	-	10	10	2500	1	2	bcc	bcb	co	oc
	Chester (Sealand)	1027.7	-6	WS	3	c	50	65	7	5	-	-	9	9	2500	1028.0	+6	W	3	z ₀	47	75	6	5	-	-	10	10	2500	1	*	bmfxcmz	cz ₀	cz ₀	cm ₀
8	Manchester	1027.2	-4	-	0	f	43	97	2	5	-	-	10	10	1500	1026.8	-2	W	3	z ₀	45	85	6	5	-	-	10	10	2500	1	*	cfff	cftm ₀	cm ₀	cm ₀
10	Spurn Head	1024.8	+2	W	4	cf	45	85	3	-	-	7	0	10	-	1024.5	0	W'S	4	m	43	92	4	-	-	-	0	0	-	0	2	mff	ffm	mm _w	m _w cw
	Catterick	1023.5	-12	WSW	4	c	49	75	8	4	-	6	Tr	7.8	4000	1024.0	+10	SW	1	p	43	85	8	-	-	0	0	-	1	1	m _x c	bcb	bw	bx	
	Tynemouth	1021.5	-12	W	4	bc	50	75	6	7	-	-	4.6	4.6	1500	1021.4	-8	W	3	bc	47	85	6	5	-	-	4.6	4.6	1500	1	1	c	bcb	bcb	bcb
11	St. Abbs Head	1019.3	-4	W	5	bc	50	75	8	4	7	2	2.3	4.6	2500	1020.8	+10	W	5	bc	48	75	7	5	1	1	4.6	4.6	1500	0	3	bcc	c	bcb	bcc
	Leuchars	1020.0	0	WSW	5	c	50	85	9	5	7	-	2.3	9+	2500	1021.2	+12	WSW	2	c	43	85	9	-	9	-	0	7.8	-	1	*	bccq	cgc	cbe	bcc
12	Retfrew (Abbots L.)	1023.2	-2	WS	4	c	49	85	7	5	-	-	10	10	2500	1023.4	+4	WSW	4	c	49	85	7	5	-	-	7.8	7.8	1500	1	*	c	cic	c	c
	Bakdalemuir	1023.0	-10	WSW	6	id ₀	46	85	8	5	-	2	9	9+	1500	1024.3	+4	SW'S	3	c	45	85	7	5	-	-	10	10	1500	1	*	cckd ₀	cicd ₀	id ₀ cpr ₀	cbe
	Point of Ayre	1026.5	+2	NW	4	c	49	85	7	8	7	-	4.6	9	800	1026.5	0	NW/W	4	c	49	85	7	5	7	-	4.6	10	1500	0	3	c	c	c	c
13a	Tiree	1023.8	+6	WNW	4	id ₀	49	92	7	5	-	-	10	10	1500	1024.3	+6	WNW	4	bc	49	92	8	8	4	-	2.3	2.3	2500	1	3	cirid	cprbc	bep ₀	cpr
13b	Stornoway	1018.6	-2	W	6	id ₀	50	92	6	5	2	-	7.8	10	1500	1020.6	+14	W	4	c/r	48	92	7	5	7	-	7.8	10	1500	1	2	cirid	cprbc	bep ₀	bcc
15	Dalwhinnie	1021.4	0	WSW	6	c	46	85	7	4	4	8	4.6	10	2500	1022.6	+4	W	5	bc	45	85	7	4	6	-	2.3	4.6	2500	0	1	cir	c	c	idoc
	Aberdeen	1017.8	+10	WNW	4	c	51	75	8	5	7	8	Tr	9+	2500	1019.5	+14	W	3	bc	48	75	7	5	4	8	0	2.3	-	1	1	bccfc	cbe	b,cprc	c
	Wick	1015.1	-4	WNW	4	c	49	85	7	5	2	-	7.8	10	800	1017.0	+16	NW	5	c	48	85	7	5	2	-	7.8	10	1500	1	2	c	circq	id ₀	cpr,c
16	Lerwick	1006.3	+14	WNW	8	c/r	49	92	7	8	7	1	4.6	7.8	800	1012.1	+30	WNW	6	bc	45	65	8	8	-	-	4.6	4.6	1500	1	*	cir	cbe	bccpr	cpr
17	Blackad Point	1028.0	+2	W	3	c/d	50	75	8	5	-	-	7.8	7.8	2500	1028.1	+2	W	2	c	43	85	8	5	-	-	10	10	1500	0	2	pr,c	c	ir,c	c
18	Malin Head	1025.7	+4	W	3	c/d	47	97	6	8	-	-	9+	9+	800	1025.9	+6	W	2	c/d	48	97	6	4	2	-	7.8	10	800	0	2	c	cicd ₀	c,d,c	cicd
	Aldergrove	1026.6	+4	WSW	3	c	45	92	6	5	-	-	10	10	2500	1026.8	+2	SW	3	c	45	97	6	5	-	-	10	10	2500	1	*	c,m,c	am ₀ ,d,c	em ₀	edd,m
19	Birr Castle	1029.2	+4	SW	1	c	40	97	7	5	-	-	9+	9+	2500	1028.5	+2	3	1	c	42	92	7	5	-	-	9+	9+	1500	1	*	bcc	c	cb	b
20	Valentia Obsy. †	1028.7	-6	0	0	b	47	65	8	-	-	1	0	Tr	-	1027.9	-6	N'E	1	b	39	92	8	-	-	1	0	Tr	-	1	p	b	bbw	bwxb	b,c
	Roches Point	1029.4	+2	NNE	3	z ₀	45	85	6	1	-	-	1	1	4000	1028.9	-2	NE	2	b	40	97	7	-	-	-	0	0	-	1	2	bz ₀	bz ₀ bw	bw	bwb

REPORTS from HEALTH RESORTS for 25th November 1937.

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		Sunshine.
		Fore-noon.	After-noon.	Min. 9h. to 2h.	Max. 2h. to 9h.	Night. 17h. to 24h.	Day. 9h. to 17h.	
1	Tunbridge W.	bmb	bcbm	28	46	-	-	6.5
	Bournemouth	b	bcbm	32	46	-	-	7.2
	Ventnor	bz	bz	40	53	-	-	7.5
	Southsea	b	bzb	34	47	-	-	7.2
	Bognor Regis	b	b	36	50	-	-	7.9
	Littlehampton	b	b	35	51	-	-	8.0
	Worthing	b	b	37	48	-	-	7.9
	Brighton	bcb	b	36	48	-	-	7.6
	Eastbourne	b	b	38	50	-	-	7.5
	Hastings	b	b	37	50	Trace	-	7.1
	Folkestone	b	b	38	48	1	-	6.8
	Dover	bcb	bcbm	38	45	2	-	7.1
2	Deal	job	b	37	47	-	-	6.2
	Ramsgate	bc	bc	39	49	Trace	-	6.0
	Margate	bc	bc	40	45	0.3	-	5.5
	Southend	bhcf	bcb	34	40	Trace	-	1.6
	Clacton-on-Sea	bcm	bcm	33	46	-	-	6.7
	Dovercourt	xbc	bc	34	47	-	-	6.5
3	Lowestoft	bmb	bcbm	31	44	-	-	2.8
	Skegness	bcm	bcm	30	44	-	-	3.4
	Mablethorpe	bcm	bcm	32	45	Trace	-	3.0
	Cleethorpe	cbe	c	34	47	Trace	-	2.3
4	Leamington S.	of	cbf	29	40	-	-	2.2
	Cheltenham	of	cbf	32	38	Trace	-	0.0
5	Bath	b	b	30	36	-	-	3.6
	Weymouth	b	b	37	49	-	-	7.7
	Jersey	b	b	46	49	Trace	-	8.0
	Torquay	wmb	bbz	35	47	-	-	7.7
	Falmouth	b	b	38	51	-	-	4.8
	Penzance	b	b	40	55	-	-	7.2
	St. Ives	b	b	38	49	-	-	7.4
	Bude	xb	b	35	49	-	-	7.4
	Ilfracombe	ocbcz	bccz	35	48	-	-	6.8
	Aberystwyth	xffbc	bcc	32	48	-	-	3.6
6	Llandudno	c	c	33	48	-	-	0.9
	Colwyn Bay	bcc	ccoo	36	49	-	-	1.2
	Rhyl	bccc	c	31	48	-	-	1.5
	Wallassey	c	c	36	46	Trace	-	0.0
7	Southport	co	c	32	47	Trace	-	0.0
	Blackpool	cmo	c	31	49	-	-	0.1
	Morecambe	c	c	31	47	-	-	0.0
	Llkeley	cbc	cbc	32	45	-	-	1.9
8	Harrogate	bcc	bcb	33	49	-	-	4.2
	Berwick-on-T.	c	c	31	50	-	-	1.6
9	Dunbar	cmx	cmo	39	51	Trace	-	0.5
	Troon	bcc	cococ	33	52	0.5	-	0.8
10	Douglas	cw	c	37	48	-	-	0.1

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

AIR MINISTRY. METEOROLOGICAL OFFICE.



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

GENERAL INFERENCE.

A wedge of high pressure extends northeast across the British Isles and a depression northwest of Spain will move north. It will be mainly fair in most districts but there will be rather widespread fog chiefly in the Southwest at first.

FURTHER OUTLOOK.

None Issued.

Time of Issue of Gale Warnings.

† South Cone hoisted at 0215 on 26/11/37 in districts 20 and 5.

Forecasts issued at 1030 G.M.T.

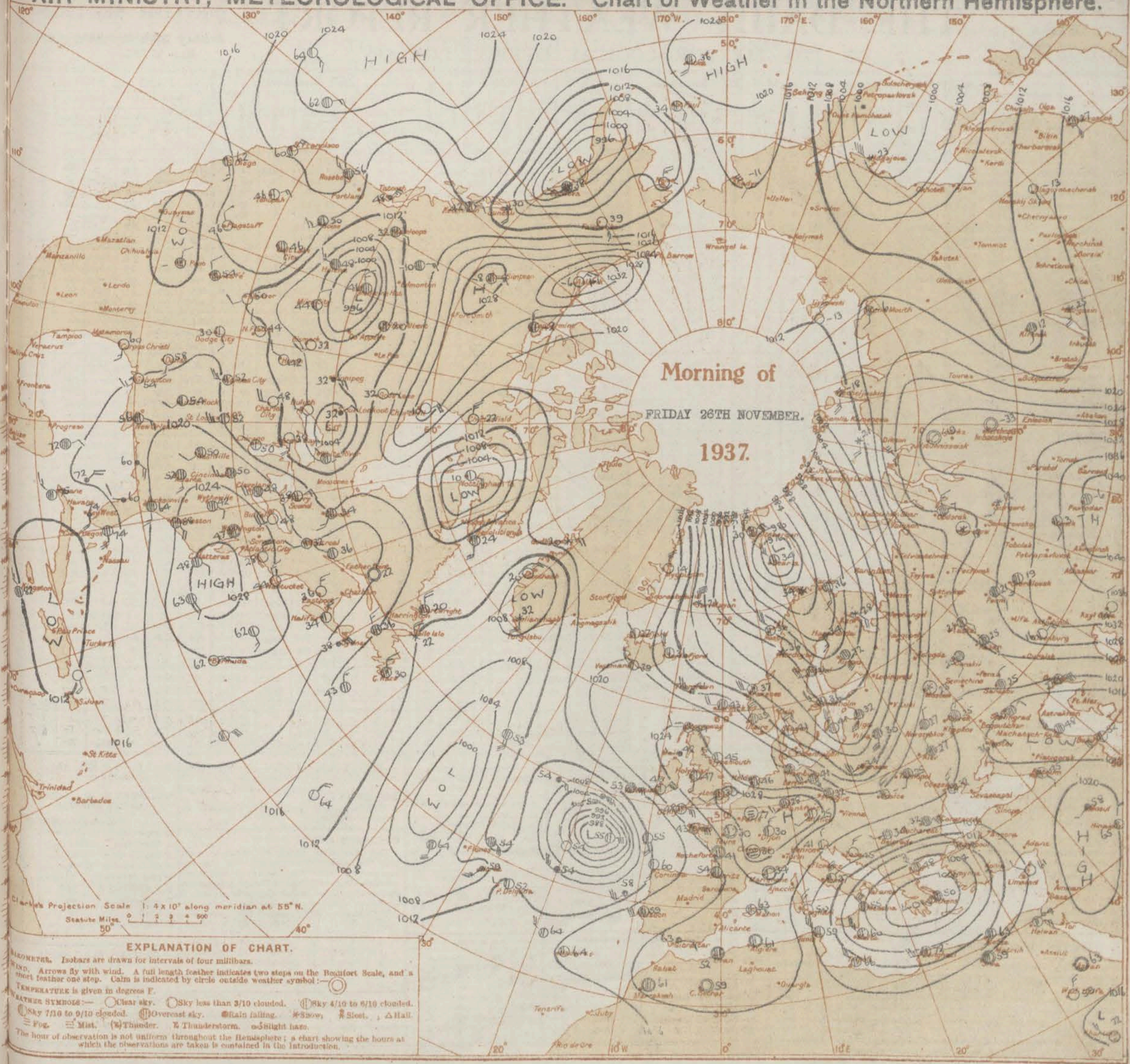
GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S.,
Director.

DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th November, 1937.

1 S.E. England	Light variable or southerly winds; mainly fair but fog in places, particularly on north and west of towns; average temperature but rather cold in foggy areas.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Freshening southeasterly winds; mainly fair but occasional rain later in extreme southwest; fog in places, clearing later; average temperature but rather cold in foggy areas.
6 South Wales	
7 North Wales	Wind becoming moderate southerly or southeasterly; mainly fair but occasional local drizzle; average temperature.
8 N.W. England	
9 N. Midlands	Light variable or southwest winds; mainly fair apart from occasional local drizzle; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland	As 7 - 8.
14 Mid Scotland	
15 N.E. Scotland	Light northwesterly winds; mainly fair apart from local showers; average temperature.
16 Orkney and Shetland	
17 N.W. Ireland	Freshening southeasterly winds; mainly fair apart from occasional local drizzle; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	Fresh east or southeast winds, strong locally; occasional rain; average temperature.
20 S.W. Ireland	

228/238 M. 4070 0 450 0 440

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 26th November, 1937.

No. 27763.

OBSERVATIONS at 1 hr. G.M.T. 20 th November														OBSERVATIONS at 7 hr. G.M.T. 26 th November														PAST 24 HOURS.										
DISTRICT	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %.	Visibility.	Cloud.					Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %.	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE in hrs.				
					Dir.	Force 0-12				Low	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Dir.				Force 0-12	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 in.	Night 18h-7h in.		
																																					(1)	(2)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1026.9	-4	-	0	F	29	97	1	-	-	-	10	10	150	1	*	39	28	28	-	Tr	2.3			
	Croydon	217	1028.8	-6	WSW	3	Z.	37	85	5	-	-	0	0	-	1028.1	0	SW	2	Z.	30	92	5	-	-	2	0	4-6	1	*	45	30	27	Tr	4.5			
	S. Farborough	220	*	*	*	*	*	*	*	*	*	*	*	1027.7	-2	NW	1	3	22	92	4	-	-	1	0	1	-	3	*	46	21	18	-	Tr	3.5			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1028.0	0	NNE	1	1	27	97	3	-	-	0	0	-	0	*	47	24	22	-	Tr	5.6				
	Calshot (Stmtn.)	8	*	*	*	*	*	*	*	*	*	*	*	1027.2	-2	NW	2	1	33	97	3	-	-	3	0	Tr	-	3	1	48	31	28	-	-	6.9			
	Lympe	346	1029.3	-4	WNW	3	Z.	35	92	5	-	4	-	0	1	-	1027.9	-2	NNW	2	Z.	37	85	6	-	-	2	0	2-3	1	40	34	29	-	-	7.1		
	Manston	142	1028.4	-4	SW	2	Z.	37	85	5	-	-	-	0	0	-	1027.3	+2	W	1	Z.	35	97	5	-	-	6	0	4-6	1	*	47	33	29	-	Tr	5.5	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1027.4	0	WSW	2	M	36	92	4	5	-	-	7-8	7-3	4000	1	*	43	35	28	-	-	4.2			
	Felixstowe	16	*	*	*	*	*	*	*	*	*	*	*	1026.5	-2	W'S	3	3	37	92	4	5	-	-	1	2-3	2500	1	2	47	37	33	-	Tr	6.4			
	Gorleston	5	1026.2	-4	SW	3	b	36	92	6	-	-	-	0	0	-	1025.7	0	SW	3	c	35	85	6	5	-	9	9	2500	1	2	45	35	33	-	-	2.8	
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1026.2	0	SSW	2	3	34	97	4	5	-	-	1	Tr	1	3	45	33	27	Tr	Tr	2.2				
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1026.1	+4	WSW	3	Z.	37	97	5	-	-	4	3	0	4-6	-	1	*	45	35	31	Tr	-	4.1		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1027.0	+2	WNW	1	C	42	85	6	-	7	-	0	10	-	1	*	46	40	37	-	-	5.7			
	Upper Hayford	408	*	*	*	*	*	*	*	*	*	*	*	1027.7	-2	W	2	Z.	33	92	6	5	-	-	9+	9+	2500	3	*	43	29	18	0.1	-	-	.		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1027.9	0	-	0	F	26	97	1	-	-	-	10	10	150	1	*	34	25	24	0.1	Tr	0.1			
5	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1028.6	-2	-	0	F	22	97	1	-	-	-	0	0	-	3	*	37	21	17	0.1	-	0.0			
	Portland Bill	32	1027.7	-8	ENE	3	b	43	85	7	-	-	-	0	0	-	1025.3	-14	E	3	c	46	85	7	4	-	-	2-3	7-8	2500	0	3	49	42	*	-	*	
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1025.2	-2	ESE	1	b	40	85	8	5	-	-	1	Tr	1	1	50	39	29	-	-	-	7.6			
	The Lizard	240	1025.0	-16	E	6	bc	49	75	8	4	-	-	2-3	2-3	2500	1024.0	+4	ESE	5	bc	48	75	8	4	-	-	2-3	2-3	2500	1	2	52	47	*	-	3.4	
	Scilly (St. Mary's)	163	1024.0	-18	E'S	6	bc	48	75	8	4	-	-	2-3	2-3	2500	1021.5	-18	E'S	5	bc	48	75	7	4	4	-	-	1	4-6	2500	1	3	51	47	*	-	5.9
	Guernsey	175	1027.8	-6	ESE	3	b	46	75	7	-	-	-	0	0	-	1025.6	-10	ESE	3	bc	46	65	7	-	-	0	0	-	1	3	50	45	36	-	-	6.0	
6	Pembroke	142	1028.4	-6	ENE	1	b	40	92	7	-	-	-	0	0	-	1025.9	-4	SE	3	F	39	97	1	-	-	-	10	10	1500	1	1	52	38	*	-	Tr	6.6
7	Holyhead	26	1027.3	-10	NW	2	0	*	*	8	5	-	-	10	10	800	1026.3	0	S	1	C	47	85	8	5	-	-	10	10	2500	1	1	50	46	44	-	-	2.5
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1026.7	+4	WNW	1	Z.	44	85	6	5	-	-	10	10	2500	1	*	50	44	42	-	-	-	1.7		
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1026.1	+6	W	1	Z.	45	97	5	5	-	-	10	10	1500	1	*	47	44	42	-	-	-	0.0		
10	Spurn Head	29	1025.0	0	W'S	3	Z.	41	92	5	-	-	-	0	0	-	1025.2	0	W	3	Z.	41	97	5	4	1	-	4-6	10	2500	1	1	46	40	*	-	Tr	2.4
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1025.4	+4	SE'S	1	b	35	97	8	1	4	3	Tr	1	4000	1	*	49	32	28	-	-	-	2.5		
	Tynemouth	108	1023.9	+4	W	3	b	45	85	7	-	-	-	0	0	-	1023.9	+2	W	2	bc	45	92	6	5	-	-	2-3	2-3	1500	1	1	50	45	40	-	-	1.4
11	St. Abbs Head	280	1023.1	+4	W	4	bc	49	75	8	-	4	-	0	2-3	-	1023.1	+2	W	4	c	49	85	8	4	7	1	4-6	9	1500	0	3	52	46	*	-	-	*
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1023.4	+4	WSW	2	c	45	92	7	5	7	-	-	9*	9*	2500	1	*	53	40	32	-	-	-	0.8	
12	Ranfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1024.5	+2	W'S	3	C	47	92	7	5	7	-	-	9+	9+	2500	1	*	50	45	41	Tr	-	-	0.1	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1024.5	-4	S	1	c	44	92	8	5	-	-	-	7-8	7-8	800	1	*	47	43	37	Tr	-	-	0.1	
	Point of Ayre	30	1026.6	+2	NW	4	c	45	85	7	5	7	-	7-8	10	1500	1025.8	-2	NNW	2	c	48	97	7	5	7	-	4-6	9	1500	0	2	49	48	*	-	-	0.0
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1025.1	+4	N'W	3	c/pr	48	85	8	8	7	-	-	9	9+	1500	1	*	50	47	45	1	1	0.0		
13b	Stornoway	80	1022.6	+6	WNW	3	bc	45	92	8	5	-	-	4-6	4-6	2500	1023.6	+4	W	2	C	44	85	8	5	7	-	4-6	7-8	2500	1	1	50	42	*	-	0.0	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1024.8	+6	WNW	1	C	44	75	7	5	-	-	-	9+	9+	2500	0	*	47	42	36	0.5	0.6	0.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1022.7	+2	NW	1	C	45	85	7	5	-	-	-	9+	9+	2500	1	1	51	44	40	-	-	0.1		
	Wick	81	1020.7	+16	WNW	1	C	41	97	8	5	1	-	2-3	7-8	800	1021.3	0	NW	3	C	43	85	8	5	7	-	7-8	9+	1500	1	1	50	39	*	1	0.3	
16	Lerwick	156	1016.0	+16	NNW	4	c/pr	43	85	8	8	7	-	4-6	7-8	800	1016.9	0	W	4	c/pr	43	85	8	8	7	-	4-6	7-8	800	1	*	52	41	*	1	0.3	
17	Blackod Point	18	1027.2	-8	-	0	C	47	85	7	5	-	-	10	10	800	1025.5	-10	SE	3	C	47	75	8	5	-	-	9	9	800	0	3	50	44	*	Tr	Tr	3.3
18	Blain Head	84	1026.1	0	W'S	2	C	48	97	7	8	-	-	7-8	7-8	1500	1025.5	0	W	1	cd	48	97	6	8	1	-	7-8	10	800	1	2	52	46	*	1	0.5	
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1026.3	0	-	0	cd	45	97	5	5	-	-	-	10	10	1500	1	*	45	43	41	Tr	-	-	0.0	
19	Barr Castle	173	*	*	*	*	*	*	*	*	*	*	*	1026.0	-8	-	0	b	33	97	8	-	-	-	0	0	-	1	*	48	33	*	-	-	-	2.7		
20	Valentia Obay. †	30	1025.2	-10	E'S	2	b	44	92	7	-	-	-	0	0	-	1021.6	-22	NE'E	6	bc	46	75	7	-	-	6	0	4-6	-	1	2	50	36	30	Tr	Tr	6.7
	Roche Point	22	*	*	*	*	*	*	*	*	*	*	*	1024.4	-6	SE	4	bc	49	75	8	5	-	-	-	4-6	4-6	1500	1	3	46	39	*	Tr	Tr	-	-	

LONDON OBSERVATIONS												EXPLANATION OF FIGURES, LETTERS, etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Day 7h—12h, Kew & Croydon. 9h—12h, Kensington. 9h—21h, other stations except for rainfall which is 9h—12h.												Height above M.S.L. in feet.		Weather			Temperature.			Rainfall.		Sunshine to Sunset hrs.		Humidity.		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.	Night.	Yesterday.	To-day.	15h. G.M.T. %	9h. G.M.T. %	24 hrs. ended 7h. G.M.T. 26th.	SOUTH KENSINGTON.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
														24 hrs. ended 9h.			°F.	°F.	°F.	mm.	mm.					Max.	Time.	Min.	Time.	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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

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

1 hr. observations are from Valencia WTT Station.

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

‡ Sea disturbance reported from Dungeness

15

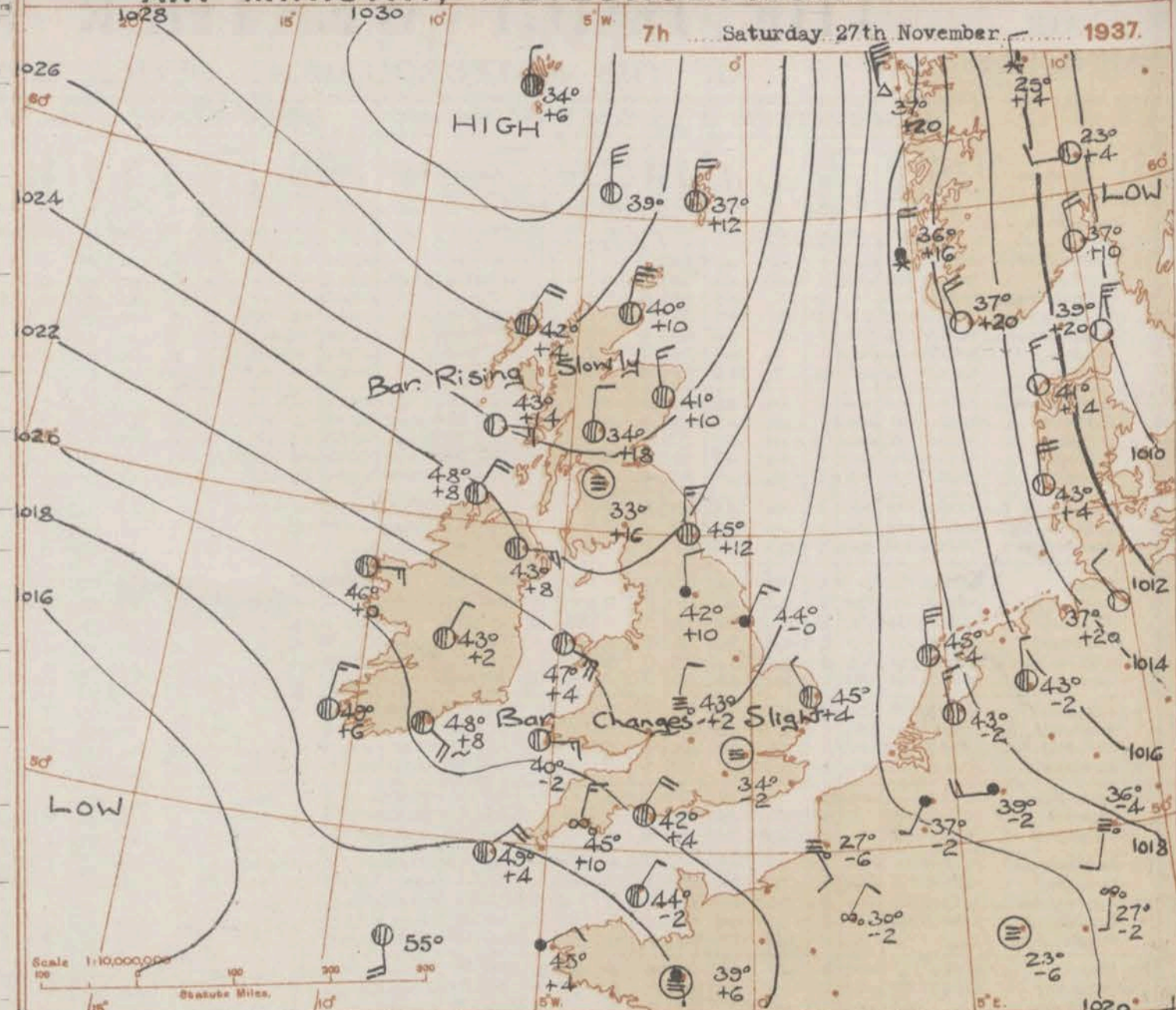
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 26th November.													OBSERVATIONS at 18h. G.M.T. 26th November.													PAST 24 HOURS.							
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.					
				Direc.	Force 0-12					Form.	Amount.	Height of Base (feet)	Direc.	Force 0-12			Form.	Amount.					Height of Base (feet)	Direc.	Force 0-12	Form.	Amount.			Height of Base (feet)	7h.—13h. 26th	13h.—18h. 26th	18h.—26th 1h.—27th	26th 1h.—27th	
(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	-1.8	WSW	1	bf-	40	85	2	-	-	-	0	0	-	1024.3	-2	-	0	F+	34	97	0	-	-	-	10	10	450	1	*	ofexbf	bfof	ofex	ofex
	Croydon	1025.8	-1.4	WNW	1	bct-	44	75	3	5	-	-	4.6	4.6	2500	1024.6	-4	-	0	f	37	97	2	-	-	-	10	10	450	1	*	bcmxmbf	bcmf	offex	fxfe
	S. Farnborough	1025.6	-1.4	-	0	z	45	85	3	-	-	-	0	0	-	1024.3	-4	-	0	cf	33	97	2	5	-	-	10	10	1500	1	*	bmfcbm	bcmf	offex	offex
	Boscombe Down	1025.4	-2.2	E'N	2	b	44	75	7	-	-	-	0	0	-	1024.1	-6	NE'E	2	z	35	85	6	-	-	8	0	2.3	-	1	*	bfxb	bcmx	bcmx	bcmx
	Calshot (Stmntn.)	1024.9	-2.2	ENE	1	z	46	85	6	-	-	-	0	0	-	1023.4	-8	NE'N	3	z	43	85	6	-	-	4	0	1	-	2	2	bfxbm	bcm	bcmx	bcm
	Lympne	1026.3	-1.6	WSW	1	z	45	75	6	-	3	1	0	2.3	-	1025.0	0	NNE	2	z	36	85	5	-	-	2	0	2.3	-	1	2	bmxz	bcmxw	bcmxw	bcmxw
	Manston	1025.7	-1.6	WSW	3	z	46	75	5	-	-	-	0	0	-	1024.0	-4	WSW	1	m	36	92	4	-	-	2	0	4.6	-	1	*	bcmx	bcmx	bcmx	bcmx
2	Shoeburyness	1025.6	-1.8	NN	2	m	46	85	4	-	-	-	0	0	-	1024.2	-4	W	1	m	37	92	4	-	-	-	0	0	-	1	*	ffcbm	bcbm	bcmfex	Fefe
	Felixstowe	1026.3	-1.4	WNW	1	z	41	92	5	5	-	-	10	10	1500	1024.2	-6	W'S	1	bf	40	92	2	-	-	-	0	0	-	1	2	bcmx	cm,bmfe	bffbcm	cmidofe
	Gorleston	1025.2	-6	WSW	3	m	41	92	4	5	-	-	9	9	2500	1023.5	-6	WSW	3	m	43	85	4	5	-	-	10	10	2500	1	2	cm	cm	cfom	omde
	Mildenhall	1025.6	-10	SSW	1	m	42	85	4	5	-	-	9+	9+	2500	1024.0	-4	SW	2	cf	40	97	3	5	-	-	10	10	4000	1	*	bcmx	bcmx	cmff	cmff
	Cranwell	1025.1	-10	W'S	1	z	47	85	5	5	-	-	9+	9+	4000	1024.0	-2	SSW	1	z	43	97	5	5	-	-	10	10	2500	1	*	bcmx	cm	cm	cm
3	Birmingham	1025.0	-1.4	NN	1	m	45	85	4	5	-	-	10	10	1500	1023.6	-4	WNW	1	m	44	85	4	5	-	-	10	10	1500	1	*	0	cm	cm	cm
	Upper Heyford	1026.4	-1.4	SW	1	m	38	97	4	5	-	-	10	10	1500	1023.7	-1.6	-	0	z	41	92	5	5	-	-	10	10	1500	1	*	cmxcm	cmfmm	cm	cm
4	Ross-on-Wye	1025.5	-1.4	SW	1	bf-	35	97	2	-	-	-	0	0	-	1024.2	-6	-	0	cf	36	92	3	5	-	-	9	9	800	1	*	Fxfbf	bfcf	cfbfcf	cfom
5	Bristol	1026.0	-2.0	-	0	m/f	42	85	4	-	3	-	0	2.3	-	1024.4	-2	-	0	bct+	35	97	3	-	4	4	0	4.6	-	1	*	bfxm	bcmx	bcmx	bcmx
	Portland Bill	1023.8	-1.2	ESE	4	bc	51	75	7	2	-	-	4.6	4.6	2500	1021.6	-10	NE	4	bc	48	85	7	4	-	-	4.6	4.6	2500	0	3	bc	bc	bcmx	ccz
	Plymouth	1023.0	-1.8	E'S	2	c	32	55	8	-	5	6	0	7.8	-	1020.6	-1.4	E	3	bc	47	75	7	5	9	2	2.3	4.6	7200	1	1	b,cy	cybay	bc	cm
	The Lizard	1021.2	-1.2	E'S	5	c	50	75	8	6	-	7.8	9	2500	1018.7	-10	E	6	c	51	65	8	8	7	-	7.8	9+	2500	1	3	bcc	cc	bcc	bcc	
	Scilly (St. Mary's)	1020.1	-1.4	E'S	5	c	50	65	7	3	4	-	7.8	9	2500	1017.6	-4	E	6	c	50	85	7	5	-	-	10	10	2500	1	4	bcc	cc	cc	cc
	Guernsey	1023.9	-1.4	ENE	1	bc	49	55	7	-	2	0	4.6	-	1020.9	-1.4	E'NE	2	c	50	55	7	-	2	8	0	10	-	0	2	bcc	bcc	c	c	
6	Pembroke	1024.3	-1.4	ESE	3	q	46	85	6	7	4	-	2.3	4.6	4000	1022.2	-6	E	3	q	44	92	7	5	4	-	2.3	7.8	2500	1	2	bcmx	bcmx	bcmx	bcmx
7	Holyhead	1025.1	-1.2	E'S	1	c	48	85	6	5	-	-	10	10	1500	1023.8	-4	-	0	c	48	85	7	5	-	-	10	10	1500	1	0	c	c	c	c
	Chester (Sealand)	1025.3	-1.6	NNW	1	z	49	85	6	5	-	-	10	10	1500	1023.9	-6	NNW	1	id	46	92	6	5	-	-	10	10	1500	1	*	cm	cm	cm	cm
8	Manchester	1024.9	-1.2	W'S	1	cf+	47	92	3	5	-	-	10	10	1500	1023.6	-2	NNW	1	cf	45	97	3	5	-	-	10	10	1500	1	*	cmx	cf	cf	cf
10	Spurn Head	1025.1	0	NNW	3	cf	44	97	3	5	-	-	10	10	1500	1023.2	-4	NNW	2	cf	44	97	3	5	-	-	10	10	1500	1	1	mffc	ff	ff	ff
	Catterick	1024.8	-1.0	-	0	c	48	85	7	8	4	1	7.8	9+	2500	1023.2	-2	NW	1	c	46	85	7	5	-	-	10	10	2500	1	*	bxbcc	c	c	c
	Tynemouth	1023.9	+6	W	2	c	50	85	6	5	-	-	7.8	7.8	1500	1022.8	-4	W	2	c	48	85	6	5	-	-	7.8	7.8	1500	1	1	bcc	c	c	c
11	St. Abbs Head	1023.3	0	NNW	2	c	49	75	7	4	7	1	4.6	7.8	2500	1022.4	-4	NNW	3	bc	47	85	6	5	1	1	4.6	4.6	1500	0	2	c	cm	bcmx	cp
	Leuchars	1023.4	-2	NNW	2	b	51	75	8	7	4	1	Tr	1	4000	1022.8	+2	W	1	b	37	92	8	-	-	-	0	0	-	1	*	cbcb	bcmx	bcmx	bcmx
12	Renfrew (Abbots I.)	1023.8	-4	NNW	3	bc	49	75	8	7	-	2	2.3	4.6	2500	1023.0	-2	SWW	2	b	41	85	7	-	-	-	0	0	-	1	*	m,cbc	bcmx	bcmx	bcmx
	Eskdalemuir	1024.3	-4	W	2	c	46	85	8	5	-	-	10	10	1500	1023.7	-2	NNW	1	b	37	97	8	5	-	-	1	1	1500	1	*	bcc	bc	bcc	bcc
	Point of Ayre	1025.1	-6	N	2	c/d	49	92	7	8	7	-	2.3	10	800	1023.5	-8	N'W	1	0	48	92	8	-	2	-	10	10	2500	0	1	cid	cc	cc	cc
13A	Tiree	1025.6	-2	NNE	3	c	48	85	8	8	3	8	7.8	9	1500	1024.8	0	N	4	id	47	85	8	5	7	-	7.8	7.8	1500	1	3	c	cbccid	cid, bc	bcbcc
13B	Stornoway	1024.1	0	NW	4	c	46	75	8	5	7	-	9	9+	4000	1024.3	+2	N	3	c	45	85	7	5	7	-	7.8	9+	2500	1	1	bcc	ccpr	ccpr	ccpr
15	Dalwhinnie	*	-4	SW	1	c	47	75	8	5	6	-	4.6	9	2500	*	0	N	2	c	42	85	7	4	2	-	4.6	9+	2500	0	*	c	c	c	c
	Aberdeen	1022.8	0	W'S	1	c	47	75	6	5	-	-	9+	9+	4000	1022.6	+2	NNW	3	id	45	92	6	5	-	-	9+	9+	2500	1	1	cz	ccid	bccpr	c
	Wick	1020.9	-4	NW	4	c	47	65	8	5	7	-	7.8	9+	1500	1021.0	0	NW	4	c	47	75	8	5	1	-	7.8	9	1500	1	2	c	cid, c	ccpr	c
16	Lerwick	1015.6	-12	NNW	5																														

REPORTS from HEALTH RESORTS for 26th November 1937.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 2h.	Max. 2h. to 9h.	Night 17h. to 2h.	Day 9h. to 2h.	Sunrise to Sunset	26 th to 26 th
1	Tunbridge W.	bmbc	bmb	25	47	-	-	6.5	-
	Bournemouth	b	b	28	47	-	-	6.4	-
	Ventnor	xb	bz	31	53	-	-	7.1	-
	Southsea	bfb	bmb	30	49	-	-	5.7	-
	Bognor Regis	b	bmb	31	49	-	-	7.1	-
	Littlehampton	b	b	31	45	-	-	7.1	-
	Worthing	b	b	32	50	-	-	7.1	-
	Brighton	fb	b	32	50	-	-	7.1	-
	Eastbourne	mmbcb	bmb	32	49	-	-	6.3	-
	Hastings	b	b	38	51	-	-	7.1	-
	Folkestone	bfb	b	35	50	-	-	6.1	-
	Dover	mmbcm	bmb	35	51	-	-	6.2	-
	Deal	fb	fb	34	46	-	-	6.4	-
	Ramsgate	bc	bc	36	48	-	-	6.6	-
	Margate	bc	bc	36	45	-	-	6.5	-
2	Southend	bmb	bmbef	34	45	Trace	Trace	2.4	-
	Clacton-on-Sea	bmbcm	bmbf	33	43	-	-	0.4	-
	Dovercourt	xoc	bef	35	43	Trace	-	0.9	-
	Lowestoft	c	m	35	45	-	-	0.0	-
	Stoke Newington	cmom	cmom	33	45	Trace	-	0.0	-
	Mablethorpe	bcm	cm	34	48	-	-	0.0	-
	Cleethorpe	c	cm	38	47	Trace	-	0.0	-
3	Leamington S.	o	o	30	43	-	-	0.0	-
	Cheltenham	mxbcf	mfbcc	26	43	-	-	1.1	-
5	Bath	fb	b	26	41	-	-	5.6	-
	Weymouth	b	b	33	47	-	-	6.4	-
	Jersey	b	bcc	41	51	-	-	6.8	-
	Torquay	wccb	bc	35	52	-	-	5.8	-
	Falmouth	c	c	39	53	-	-	1.0	-
	Penzance	bcc	c	41	52	-	-	0.2	-
	St. Ives	c	o	38	49	-	-	0.4	-
	Bude	xb	bc	32	49	-	-	5.3	-
	Ilfracombe	cbcz	cbcz	33	48	-	-	4.2	-
6	Aberystwyth	zbc	bez	36	47	-	-	6.9	-
7	Llandudno	o	cm	42	48	-	-	0.0	-
	Colwyn Bay	o	o	45	49	-	-	0.0	-
	Rhyl	cm	cm	35	48	-	-	0.0	-
8	Wallaasey	c	cr	43	47	-	Trace	0.0	-
	Southport	ozom	ocdo	44	48	-	Trace	0.0	-
	Blackpool	omd	dom	47	49	-	Trace	0.0	-
	Morecambe	cmc	cmc	40	47	-	-	0.0	-
9	Ulkey	cbcb	c	37	48	-	-	2.9	-
	Harrogate	b	bc	40	52	-	-	6.1	-
10	Berwick-on-T.	e	cmc	42	50	-	-	0.9	-
11	Dunbar	cm	cm	43	49	-	-	1.3	-
12	Tron	cbe	cbe	42	51	0.3	-	1.6	-
	Douglas	cbe	cbe	45	49	Trace	Trace	0.0	-

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 27th November 1937
1 S.E. England	Light variable or easterly winds; fog at first clearing later, occasional rain later, average temperature.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Light northeasterly winds; occasional rain, fairer later; average temperature.
6 South Wales	
7 North Wales	As 1 - 4.
8 N.W. England	
9 N. Midlands	Light northeasterly winds; mainly fair but occasional local rain or drizzle; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	Light or moderate easterly winds; mainly fair, but local fog at night; average temperature.
13 A.W. Scotland	
14 B.N.W. Scotland	
15 Mid Scotland	Moderate northeast or east winds; mainly fair, average temperature.
16 N.E. Scotland	
17 Orkney and Shetland	
18 N.W. Ireland	As 12 and 13A.
19 N.E. Ireland	
20 S.W. Ireland	Moderate easterly winds; occasional rain later, average temperature.

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

GENERAL INFERENCE.

A ridge of high pressure over the British Isles will give way and a trough of low pressure over Western France will move northeast. There will be rain near the East coast and another rain area will spread from southwest across Southern England, the Midlands, Wales and Southern Ireland.

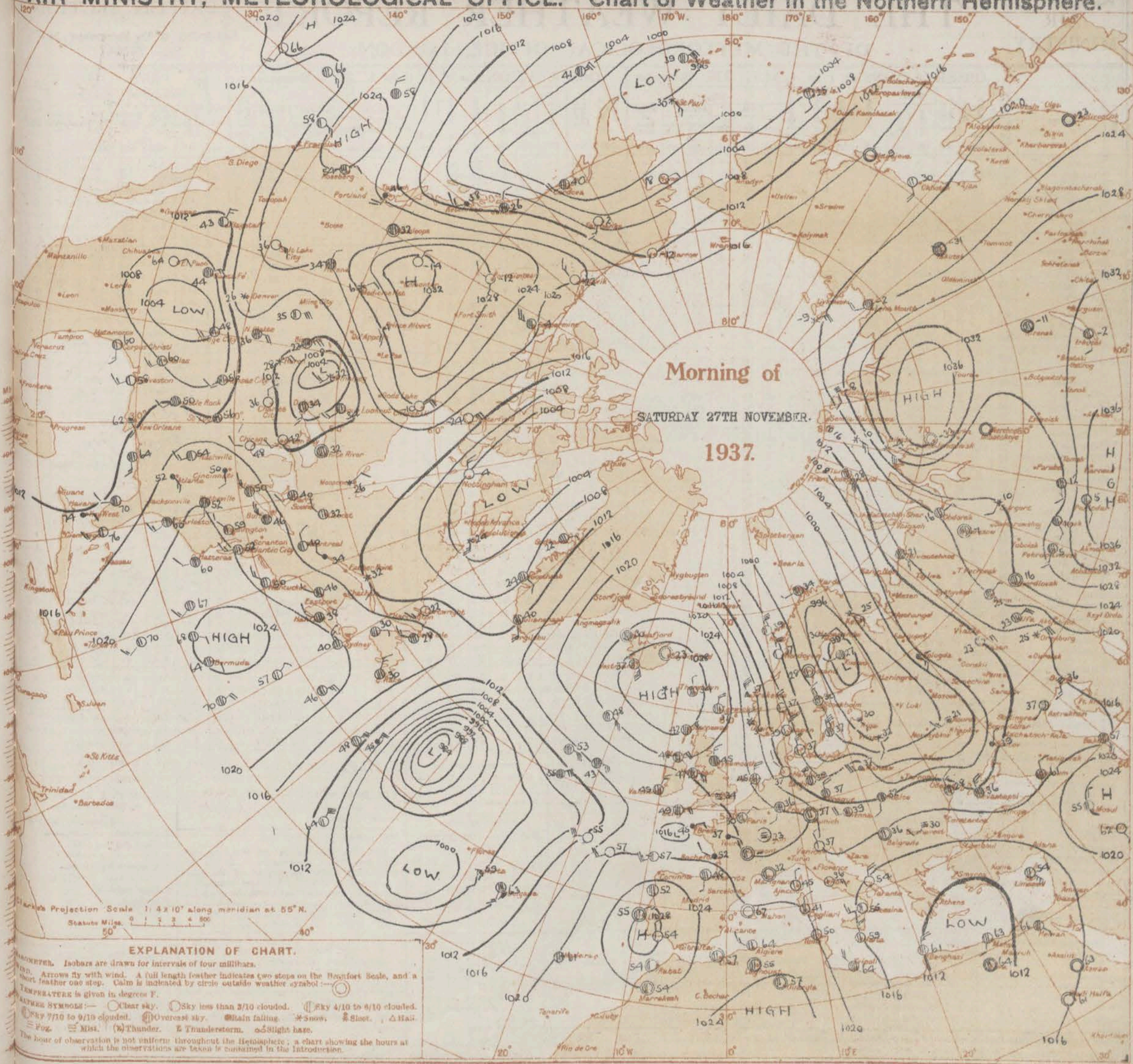
FURTHER OUTLOOK.

Rain probably spreading to Northern England.

Forecasts issued at 1030 G.M.T.

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

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



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

EXPLANATION OF CHART.

ISOBARS. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE. is given in degrees F.
WEATHER SYMBOLS: — Clear sky. ☁ Sky less than 3/10 clouded. ☁☁ Sky 4/10 to 6/10 clouded. ☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☔ Rain falling. * Snow. ❄ Sleet. ⚡ Hail. ☁☁☁ Fog. ☁☁☁ Mist. (T) Thunder. ⚡ Thunderstorm. ☁☁☁ Light haze.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

LONDON OBSERVATIONS.										Height above sea level, in feet.		Weather.			Temperature.			Rainfall.		Sunshine to Sunset hrs.		Humidity.		Atmospheric Pollution.		EXPLANATION OF FIGURES, LETTERS, etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Day 7h—18h, Kew & Croydon.												Morning.			Afternoon.			Night.			Day.			Night.								15h. G.M.T.		9h. G.M.T.		24 hrs. ended 7h. G.M.T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
9h—21h, other stations except for rainfall which is 9h—18h.												24 hrs. ended 9h.			°F.			°F.			mm.			mm.			Yesterday.		To-day.		24 hrs. ended 7h. G.M.T.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

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

} Sea disturbance reported from Dungeness

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 28th November, 1937.

No. 27765.

DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 27th November														OBSERVATIONS at 18h. G.M.T. 27th November														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-10	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility 0-10	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Dir.	Force 0-12					Form.	Amount.		Height of Base (feet)	Form.			Amount.						Height of Base (feet)	Form.	Amount.		Height of Base (feet)			WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																				
											Low	Med.					High	Low							Total 0-10	Low				Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High	Low	Total 0-10	Low	Med.	High</

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
j, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s_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_s, slight rain.
rr, continuous rain.
, less than (for cloud height).
☉, Solar halo. ☾, Lunar halo. ☾, Gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-8" means that the cloud amount may be 4, 5 or 8; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

Cirrus, -Ci	Cirrocumulus, -Cc	Cirrostratus, -Cs	Stratocumulus, -Sc	Stratus, -St	Number
0	Ground dry.				6
1	" wet.				7
2	" flooded.				8
3	" frozen hard and dry.				9
4	" partly covered with snow or hail.				10
5	" covered with ice or glazed frost.				11

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 Ce increasing: still below 45° alti-
tude: often in polar bands.
- 6 Ci or Ce increasing and reaching above 45°
altitude: often in polar bands.
- 7 Veil of Ce covering whole sky.
- 8 Ce not increasing and not covering whole
sky.
- 9 Ce predominating, and a little cirrus.

(Ce may occur with any of the types 1 to 8).

COLUMN 29.—STATE OF GROUND.

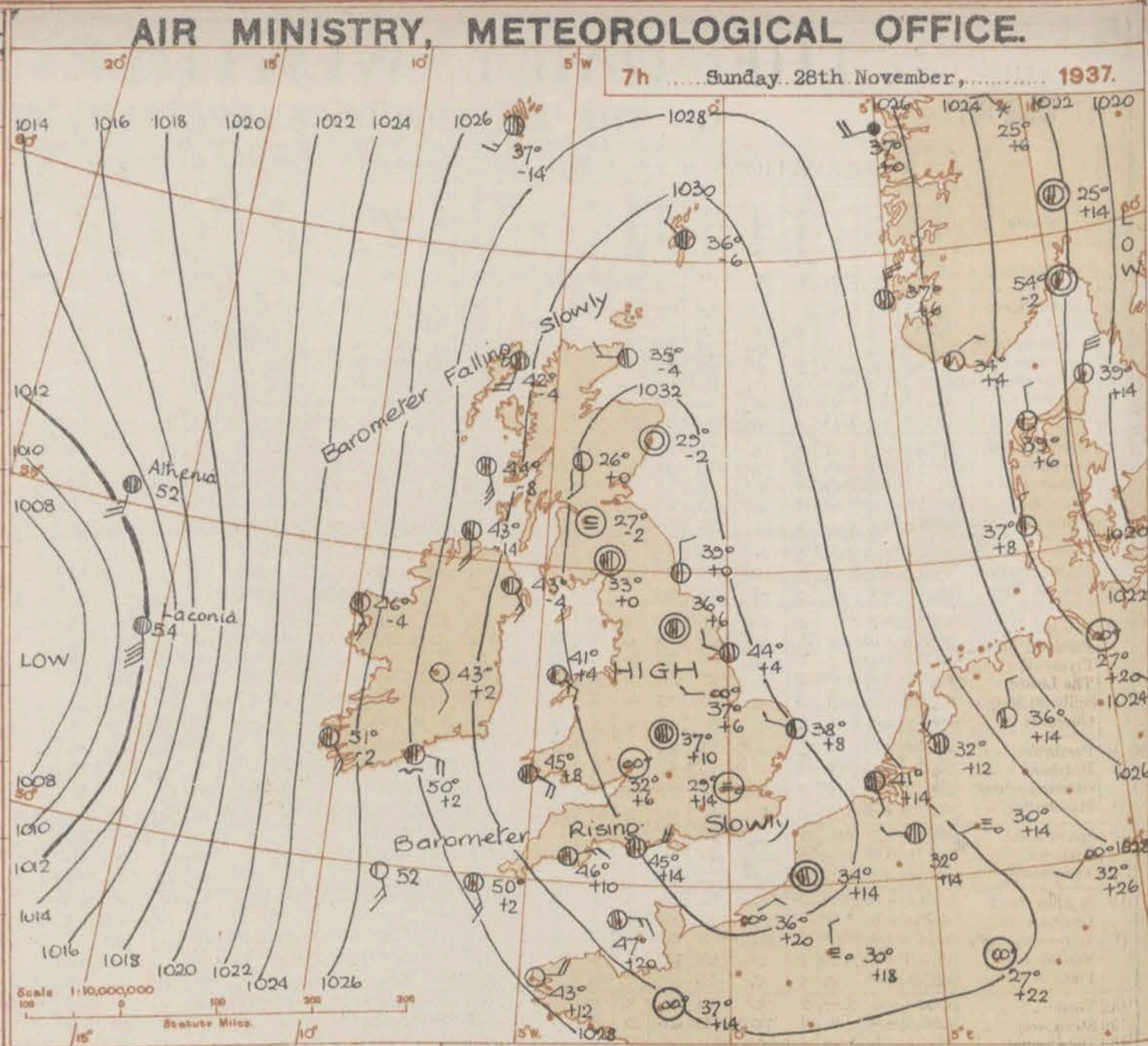
STATE OF GROUND.	
Ground dry.	6
1 " wet.	7
2 " flooded.	
3 " frozen hard and dry.	8
4 " partly covered with snow or hail.	
5 " covered with ice or glazed frost.	9

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

² See disturbance reported from Dungeness.

REPORTS from HEALTH RESORTS for 27 th November 1937.									
DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (ins.)		Sunshine (hrs.)	
		Fore-noon.	After-noon.	Min. 9h. to 27 th h.	Max. 9h.—17h. 27 th h.	Night 17h. 27 th h. to 9h. 27 th h.	Day. 9h.—17h. 27 th h.		
1	Tunbridge W.	fam	omcp	26	44	Trace	Trace	0.0	
	Bournemouth	mcbee	o	31	45	-	-	0.6	
	Ventnor ...	coz	of	42	48	-	-	0.6	
	Southsea ...	beco	om.	32	46	-	-	0.0	
	Bognor Regis	o	o	35	45	-	-	0.0	
	Littlehampton	o	o	32	44	-	-	0.0	
	Worthing ...	c	c	36	45	Trace	-	0.1	
	Brighton ...	co	c	36	46	-	-	0.0	
	Eastbourne† ...	om o	o	35	45	-	-	0.0	
	Hastings† ...	o	oc	37	46	Trace	-	0.0	
	Folkestone ...	omdo	omc	36	47	-	Trace	0.0	
	Dover ...	moc	mcdo	34	48	-	0.3	0.0	
2	Deal ...	o	ro	32	47	-	Trace	0.0	
	Ramsgate ...	mo	doc	38	48	-	Trace	0.0	
	Margate ...	c	c	38	48	-	-	0.1	
	Southend ...	omac	cdc	32	46	Trace	Trace	0.1	
	Clacton-on-Sea	ocm	cd.	34	47	-	Trace	0.2	
	Dovercourt ...	bec	bce	36	47	Trace	-	0.9	
	Lowestoft ...	civ	bcwcp	37	46	0.2	0.1	0.3	
	Skewness ...	mc	c	37	46	-	-	0.1	
	Mablethorpe ...	bcep	bcep	43	46	0.3	Trace	0.0	
	Cleethorpe ...	cbe	bc	40	45	0.5	-	1.2	
	3	Leamington S.	ocd	co	39	45	-	Trace	0.0
		Chesterham†	of	occo	32	45	-	Trace	0.0
5	Bath ...	c	co	27	44	-	Trace	0.0	
	Weymouth ...	m	mc	37	47	-	-	1.0	
	Jersey ...	o	oc	43	47	-	-	0.0	
	Torquay ...	wcz	bccz	39	48	-	-	0.6	
	Falmouth ...	c	c	46	49	-	-	0.0	
	Penzance ...	cz	cz	45	50	-	-	0.1	
	St. Ives ...	o	c	39	50	-	-	0.0	
	Bude ...								
	Ilfracombe ...	cbcc	c	38	47	-	-	0.2	
	6	Aberystwyth	cz	cz	36	48	-	-	0.0
		Llandudno ...	mo	moc	44	46	Trace	-	0.0
	7	Colwyn Bay ...	mo	oco	44	47	0.3	-	0.0
Rhyl ...		omc	cmo	44	47	0.3	-	0.0	
8	Wallasey ...	c	c	44	47	-	-	0.0	
	Southport ...	co	obco	43	46	-	-	0.1	
	Blackpool ...	bcc	c	42	45	-	Trace	1.8	
	Mosses ...	bcbcc	c	39	45	-	-	1.6	
9	Ilkley ...	cd	c	38	45	-	Trace	0.0	
	Harrogate ...	c	c	41	43	0.1	-	0.0	
10	Berwick-on-T.	ocr	ovc	42	44	Trace	0.3	0.3	
	Dunbar ...	bcp.	cpr.	39	44	Trace	Trace	0.1	
12	Troon ...								
	Douglas ...	c	c	45	46	-	-	0.0	

1. Max. Temp. for period 21h. yesterday to 12h. today. Min. Temp. 21h.—6h.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th November, 1937.
1 S.E. England	Light variable winds; mainly fair but fog in places particularly near towns; rather cold, local frost at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	Moderate southeasterly winds; mainly fair apart from local rain or drizzle; average temperature.
6 South Wales	
7 North Wales	Moderate southeast to east winds; mainly fair; average temperature, local frost at night.
8 N.W. England	
9 N. Midlands	
10 N.E. England	As 1 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate southerly winds; mainly fair; average temperature; local frost at night.
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	
15 N.E. Scotland	Light variable winds; fair; rather cold; local frost at night.
16 Orkney and Shetland	
17 N.W. Ireland	Moderate southerly winds; fair; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	As 5.

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

GENERAL INFERENCE.

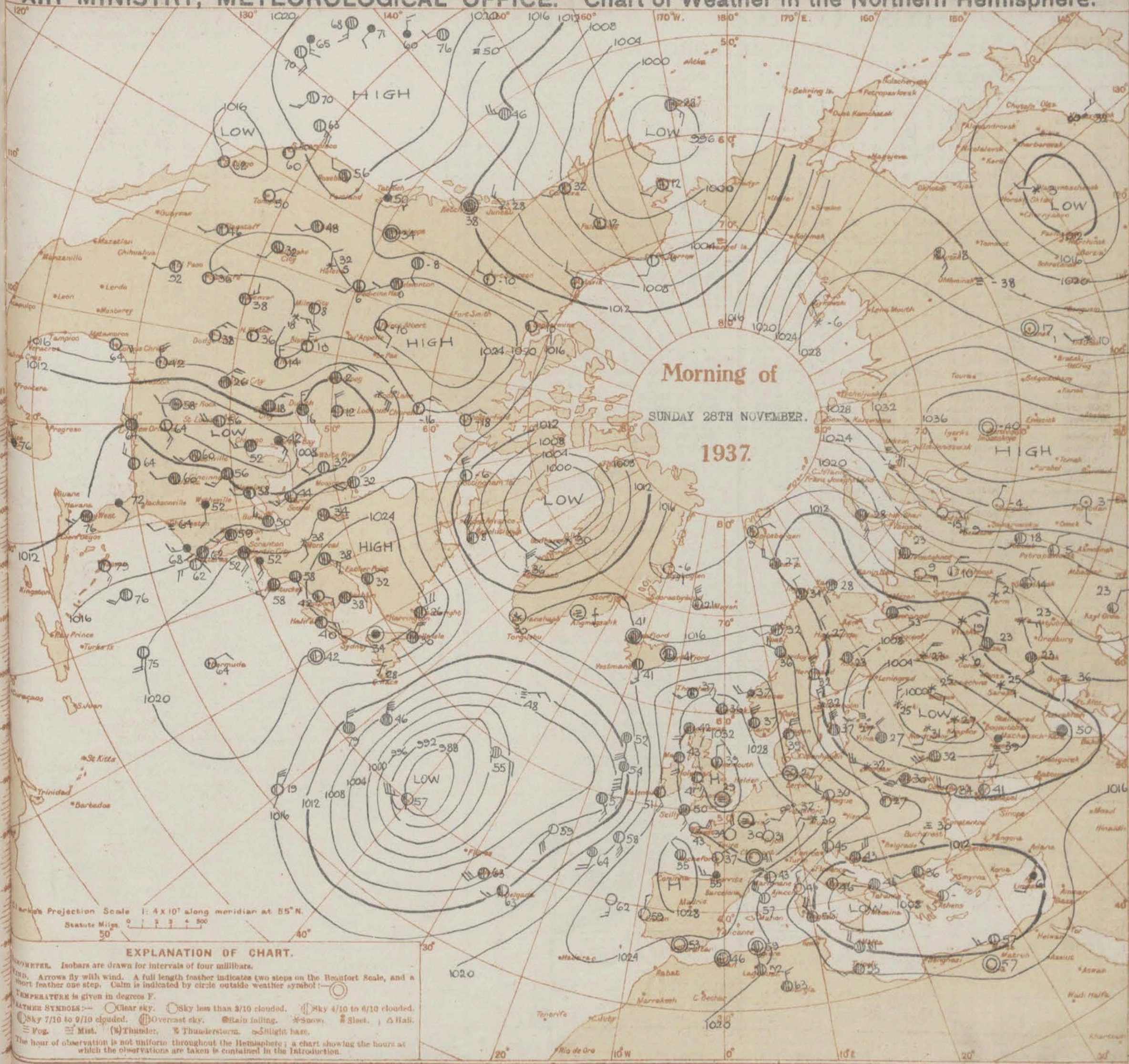
An anticyclone centred over England is moving south while a depression to the west of Ireland is moving north-north-east. Weather will be mainly fair but there will be some local rain in Southwest England and South Ireland.

FURTHER OUTLOOK.

Continuing fair in England and Wales.

FORECASTS ISSUED AT 1030 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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



EXPLANATION OF CHART.

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 28th November, 1937.

No. 27765

OBSERVATIONS at 1 hr. G.M.T. 28 th November														OBSERVATIONS at 7 hr. G.M.T. 28 th November														PAST 24 HOURS										
District	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)		
					Dir. (3)	Force (4)					Form.			Amount.				Height of Base. (feet) (14)	Dir. (17)					Force (18)	Form.			Amount.			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)	
											Low (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)										Low (23)	Med. (24)	High (25)	Low 0-10 (26)										Total 0-10 (27)
1	London (Kew)	18												1032.6	+12		0	F	30	97	1						4		46	30	19	Tr	Tr	0.0				
	Croydon	217	1030.8	+13		0	m	32	92	4				1032.8	+14		0	F	33	95	4	5	3		11	4-6	4000	3		44	28	23	Tr		0.0			
	S. Farborough	270												1033.1	+12		0	f	27	97	2			2	0	4-6		42	26	19	0.1		0.0					
	Boscombe Down	417												1032.7	+8	E'N	3	C	36	75	7	5		9	9	2500	1		44	32	28	Tr		0.0				
	Calshot (Schmtn.)	8												1032.2	+14		0	N	40	85	6	5		10	10	8500	1		46	39	36			0.0				
	Lympe	346	1030.1	+19	NNW	3	bc	38	85	8	5			1032.6	+14	NNE	2	b	35	85	8			1	1	4000	1		45	32	28	0.2		0.0				
	Mauston	142	1029.5	+18	NNE	2	bc	42	75	8	5			1032.0	+10	NE'N	2	bc	39	85	7	5			2-3	2-3	2500	1		48	38	34	0.3	0.2	0.0			
2	Shoeburyness	11												1032.3	+8	NW	1	b	30	97	7	5	4		Tr	1	2500	3		48	29	20	Tr		0.1			
	Felixstowe	15												1032.2	+16	NW	2	bc	35	85	8	3	8	1	4-6	2500	1	2	47	33	27	Tr		0.6				
	Gorleston	5	1030.6	+16	N'W	3	bc	41	75	7	6			1031.2	+13	WNW	1	bc/pr	38	85	7	8			4-6	4-6	2500	1	2	47	36	34	Tr	0.2	0.3			
	Mildenhall	19												1032.5	+10	WSW	2	b	30	87	7	5			Tr	Tr	2500	3		47	30	23	Tr		0.5			
	Gravelly	240												1032.0	+6	W	1	N	37	92	6	5			9	9	2500	1		47	36	32	Tr		0.5			
3	Birmingham	535												1032.6	+10		0	N	37	85	5	5			10	10	800	1		44	36	30			0.0			
	Upper Heyford	408												1032.1	+8	NNE	1	N	34	85	6	5	4		1	1	2500	1		46	33	22	Tr					
4	Rose-on-Wyke	223												1032.2	+6		0	N	32	85	5			2	0	7-9		1	43	32	21	Tr		0.0				
5	Bristol	209												1032.8	+4		0	N	30	97	6	5	4		4-6	7-9	2500	1		44	30	23	Tr		0.0			
	Portland Bill	32	1029.1	+20	ENE	4	c	44	97	7	4			1030.3	+14	ENE	4	c	45	75	7	4			10	10	2500	1	3	48	42							
	Plymouth	82												1030.2	+10	E'N	3	C	46	75	7	5	2		7-8	10	1500	1	1	50	44	41			1.4			
	The Lizard	240	1027.2	+8	E	5	o	50	85	7	5			1029.0	+10	ESE	4	pr	49	82	7	5			10	10	1500	1	3	50	48			0.4	0.0			
	Scilly (St. Mary's)	163	1027.1	+10	ESE	4	c	50	92	7	5			1028.1	+2	SE'S	3	c	50	85	7	5			10	10	2500	1	2	50	47				0.5			
	Guernsey	175	1028.0	+22	E	3	r	48	85	6				1030.7	+20	ESE	3	c	47	65	8	5			9	9	2500	1	3	50	46	41		0.3	2.1			
6	Pembroke	142	1029.4	+4	E'S	3	q	44	85	7	5			1031.2	+8	SE'E	4	q	45	75	7	5	6		4-6	9	2500	1	2	49	42			1.4				
7	Holyhead	26	1030.7	+8	E'S	3	bc	40	85	8	5			1031.3	+4	SE'E	3	bc	41	75	8	5	3		2-3	2-3	4000	1	2	47	38	33			0.0			
	Chester (Sealand)	16												1033.0	+4	SE	1	f	35	92	2				10	10	450	1		47	33	24			0.0			
8	Manchester	70												1033.0	+8		0	m	35	85	4	5			10	10	2500	1		46	32	26	Tr		0.0			
10	Spurn Head	29	1031.3	+12	N	2	c	43	65	7	5			1032.1	+4	WNW	2	c	44	95	7	5	7		4-6	7-8	1500	1	2	47	39		0.4	0.1	1.1			
	Catterick	175												1033.4	+6		0	c	36	92	7	5			9	9	4000	1		44	36	32	0.3		0.0			
	Tynemouth	108	1032.3	+9	NW	2	c	40	85	6	5			1032.5	0	N	2	bc	39	75	7	9			4-6	4-6	1500	1	2	46	38	34	0.1	0.2	0.0			
11	St. Abb's Head	280	1032.1	0	W	2	c	41	75	9	5	2		1032.8	0	W	2	c	39	75	7	4	6	4	7-9	9	4000	0	1	44	37							
	Leuchars	36												1032.9	0	WNW	2	c	30	85	8	5			9	9	4000	3		43	28	18			0.0			
12	Banff (Abbots L.)	19												1032.6	-2		0	bf	27	92	3				0	0		0	43	26	19			2.5				
	Edinburgh	794												1033.0	0		0	c	33	85	7	5			10	10	1500	1		40	33	31		Tr	1.2			
	Point of Ayre	30	1031.6	+12	S'E	4	c	44	75	8	5			1031.6	0	S'W	4	c	44	65	7	5	1		4-6	10	1500	0	3	47	43			1.3				
13	Tiree	22												1029.0	-8	SE	5	c	44	75	7	5	2		9	10	2500	0		44	39	37			1.6			
13a	Stornoway	80	1031.3	-4	SSW	3	c	42	65	8	7			1029.7	-4	SSW	4	c	42	75	8	8	7		4-6	9	2500	1	4	43	40			0.1				
15	Dalwhinnie	1176													0	S	2	bc	26	85	8				0	2-9	150	5		37	22	13	Tr		0.6			
	Aberdeen	79												1032.6	-2		0	b	28	85	8	5			Tr	Tr	2500	1	1	41	29	20			0.0			
	Wick	81	1032.2	+2	W	2	c	36	75	8	5	2		1031.0	-4	W	2	bc	35	75	8	5	7		4-6	4-6	1500	1	2	42	32							
16	Lerwick	150	1031.5	-2	NNW	2	c	38	75	8	8			1030.5	-6	NW	2	c	36	85	8	5	7		4-6	7-8	1500	1		40	36		Tr		3.0			
17	Blackrod Point	18	1025.4	+2	E	4	bc	45	85	7	4			1024.9	-4	SE	4	c	46	85	7		7		0	9		0	3	49	42			2.0				
18	Malin Head	84	1025.0	-2	E	2	c	43	92	7	4			1028.0	-14	SE	4	c	43	97	7	8			9	9	800	0	2	48	41			0.1				
	Aldergrove	268												1030.4	-4	SE	3	c	43	75	7	5			9+	9+	4000	1		46	38	32			2.4			
19	Birr Castle	173												1027.5	+2	SE	2	b	43	82	8				0	0		1		47	42		Tr		0.0			
20	Valentia Obay. †	30	1025.0	+6	SE	4	bc	49	97	7	5			1025.2	-2	SE	4	c	51	75	7	5	2		4-6	9+	4000	0	2	52	47	43			1.1			
	Roche Point	22												1028.0	+2	ESE	4	c	50	82	7	5			7-8	7-8	2500	1	4	50	48							

LONDON OBSERVATIONS

Day 7h-15h. Kew & Croydon.
 9h-15h. Kensington.
 9h-21h. other stations except
 for rainfall which is 9h-15h.

Kew	...	...	...	...	...
CROYDON	...	...	...	...	...
CREEKVIEW (Royal Observatory)...					
CITY (Dunhill Row)	...	...	...	...	...
WESTMINSTER (St. James' Park)	...	...	...	...	...
ROXBOROUGH (Botanic Gardens)	...	...	...	...	...
CAMDEN SQUARE	...	...	...	...	...
KENSINGTON	...	...	...	...	...
HAMPSTEAD OBSERVATORY	...	...	...	...	...

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 29th November, 1937.

No. 27766

DISTRICT.	STATIONS. (For heights see p. 4.)	OBSERVATIONS at 13h. G.M.T. November 28th														OBSERVATIONS at 18h. G.M.T. November 28th														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	% Humid.	Visibility 0-6	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	% Humid.	Visibility 0-6	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. 28th.	13h.—18h. 28th.	18h.—24h. 29th.	1h.—7h. 29th.
(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) Croydon S. Farnborough Boscombe Down Calshot (Stmnt.) Lympne Manston	1033.6 1033.7 1033.6 1033.6 1033.5 1033.7 1034.1	-8 -6 -10 -6 -5 -6 +4	SW E'S SE E E'S E N NNW NNW	1 1 2 1 1 1 2	F- bc/f bc/f Z Z b bc	36 44 45 40 45 45 44	97 75 75 75 75 65 75	1 1 6 5 5 8 7	5 - - 5 - 4 7	- - - - - - -	4-6 2-3 0 3+ 3+ 1 2-3	4-6 2-3 4-6 3+ 3+ 1 2-3	1500. 4000. 4000. 4000. 5700. 4000. 2500.	1033.3 1033.6 1033.5 1033.2 1033.1 1033.8 1033.4	+4 +2 0 0 +2 +2 +2	- SSW - E'S - NNE WNW	0 1 0 3 0 1 1	F bc/f bc/f Z c Z m	31 34 36 40 44 37 35	97 85 85 85 92 85 92	0 3 2 6 7 6 4	- - - - - - -	- 3 - - - - -	10 0 3+ 10 9 2-3 0	10 4-6 3+ 2500 10 2500 7-8	450 - 4000 2500 2500 4000 -	4 1 1 1 1 1 1	*	OF x bcf bc bxf fxc bmf cm cm bcm	bc fOf x bz b off bcm cf cm cm c bcm	Of x bcm z pc m c cm c bx	cfe cbc cbm c cbc bxc bbcxc		
2	Shoeburyness Folkestone Gorleston Mildenhall Cranwell	1033.7 1034.0 1033.4 1033.6 1033.9	-2 +2 +4 -2 -2	- NW NNW - -	0 2 2 0 0	b b bc Z Z	47 46 45 45 43	65 65 65 85 75	6 8 8 6 5	- 3 - 1 -	1 1 - 1 1	0 4-6 Tr 2-3	Tr 4-6 Tr 4-6	- 2500 2500 4000 4000	1033.4 1033.9 1033.1 1033.1 1032.9	0 0 -2 -2 -6	- W W'S SW SSE	0 1 1 2 1	m Z bc Z Z	34 39 41 54 32	92 85 85 97 92	4 6 5 5 5	- - - - -	- 6 - - -	0 4-6 2-3 0 0	0 2500 2500 -	- - - -	1 1 2 1	*	bZ bcx bcl bc fpr bc f m z cm bc	bZ bcl m by bcl m lccz bcl m cz bcl m	bm fff x cm m m bcm z bcm x c bcm	cld cm bcm bcm x z bcm cm bc		
3	Birmingham Upper Hayford	1033.1 1033.8	-2 -4	SSE SE	2 2	bc bc	44 45	48 65	6 7	1 1	3 1	Tr 1	2-3 2-3	4000 2500	1032.1 1033.3	-6 -2	3 SSE	2 1	c Z	40 39	65 85	7 5	3 5	- -	- -	3+ 3	1500 2500	1 1	*	cbc bc bcl z b cm f f c f	bc bc c z m cm m	c cm cm	cbc cbcm oc		
4	Rose-on-Wye	1033.0	-4	NNW	2	myf	38	92	4	5	-	3+	3+	4000	1031.9	-8	SE	2	Z	40	85	5	-	-	10	10	1500	1	*	cm f f c f	cm m	cm	oc		
5	Bristol Portland Bill Plymouth The Lizard Scilly (St. Mary's) Guernsey	1033.6 1032.3 1031.6 1029.7 1029.9 1032.4	-4 +2 0 -4 -2 -2	- S SE'S SE'S SE SE E	0 3 3 5 5 3	Z c c c c b	39 48 49 49 50 47	85 75 65 75 85 55	5 7 8 7 7 3	5 4 5 4 8 -	- - 2 - 3 1	10 10 3+ 3+ 4-6 0	10 10 10 3+ 3+ 1	4000 2500 2500 2500 2500 -	1032.7 1031.7 1031.3 1030.0 1029.1 1032.4	0 -6 +2 0 0 +2	- SSE SE'S SE SE'S SE E	0 3 3 4 5 2	Z c c c b b	39 48 46 46 48 44	92 75 65 65 75 65	5 8 8 8 5 5	- - - 6 - -	- - - - - -	10 7-8 9 7-8 7-8 0	10 2500 2500 2500 2500 0	1 1 1 1 1 0	*	cm m m c cd d d c pr c c c bcl b	cm c c c c a	cm, bcm c c bcl c bcl c bbc	cbc c bcc c c bcc			
6	Pembroke	1030.9	-2	SSE	4	q	47	85	7	5	2	4-6	10	2500	1029.4	-2	SSW	5	c/pr	50	75	7	5	2	-	7-8	10	2500	1	3	cq	qpr c	bc q c	qpr m c	
7	Holyhead	1031.3	-8	SE'S	2	c	45	75	8	5	-	7-8	7-8	4000	1029.3	-10	SSE	3	c	45	75	8	5	-	-	10	10	4000	0	2	bc	c	bc	cl r c	
8	Manchester	1033.3	-6	SE'S	2	c/p	43	55	5	5	-	3+	3+	4000	1031.8	-2	SE	2	bc	38	85	6	-	-	7	0	10	-	1	*	cl r m z	bc z	cz m	cbcm	
10	Spurn Head Catterick Tynemouth	1033.6 1033.2 1032.4	0 +6 -8	NW - W	2 0 2	c c cf	43 43 42	85 65 75	6 7 3	5 7 -	7 - -	7-8 7-8 3+	3+ 7-8 3+	2500 4000 1500	1032.6 1031.7 1031.3	-2 -6 -8	WS SSW SW	2 1 2	bc b Z	38 31 37	92 85 75	6 7 5	5 - -	- - -	2-3 0 4-6	2-3 0 4-6	1500 800 800	0 1 1	2	c c bcl bc f f	cbcm cl bcl cl bcl	bc bcm x c bcm	bcc cm cm		
11	St Abbs Head Leuchars	1032.0 1031.8	-10 -12	SW -	3 0	bc Z	40 38	55 85	8 6	- 5	3 3	0 2-3	4-6 4-6	7200 4000	1031.7 1029.5	-16 -6	S -	2 0	c Z	36 37	85 85	7 6	5 5	2 -	- 10	10 2500	0 1	1	cbc cbcl x	bc, c bc x c z	c cz cm x	cm cm x cm			
12	Renfrew (Abbots L.) Eskdalemuir Point of Ayre	1031.2 1032.0 1031.7	-14 -10 -4	E'S S SW	1 3 4	of c c	33 36 44	85 65 65	3 8 8	5 5 -	- - 7	10 3+ 0	10 3+ 10	4000 2500 -	1028.6 1030.0 1029.3	-10 -10 -10	E SW SW	1 2 4	Z c c	38 36 45	85 75 65	5 8 7	5 5 -	- 10 0	10 10 10	4000 2500 -	0 1 0	*	bc fcl b c c	eff m m c c	cm m m c cd d	cm m m cm m m c			
13	Tiree	1028.2	-6	SE	5	c	46	75	7	5	7	4-6	10	2500	1024.0	-14	S	6	c	47	75	6	5	7	-	9	10	2500	0	3	c	c	cl Dir	RRdd	
13	Stornoway	1027.1	-18	S	5	c	45	75	8	5	7	7-8	10	2500	1023.1	-10	S	6	c	46	85	7	4	6	-	4-6	9	2500	1	3	c	c	cl r r	cl r r	
15	Dalwhinnie Aberdeen Wick Lerwick	- 1030.8 1029.1 1028.0	- -14 -14 -24	- SWW WSW SSW	- 2 2 3	- Z bc c	35 40 40 41	85 65 65 85	8 5 8 8	5 - 7 7	4 - 1 -	7-8 0 2-3 4-6	9+ 1 4-6 7-8	2500 1500 1500 1500	1028.3 1028.2 1025.6	-16 -16 -12	S WSW WSW	4 3 3	c bc c	35 36 41	75 85 85	7 8 8	4 5 7	- 1 -	- 2-3 10	9+ 1500 1500	3 1 1	*	bcc bc b z bc	c bc c	b z x bcc c	cl r cl r cl r			
17	Blackod Point	1023.7	-6	SSE	4	bc	49	85	7	6	-	10	10	450	1021.0	-12	SSE	4	c	50	75	7	4	-	-	9	450	1	3	bc	bc	ir q	ir q		
18	Malin Head Aldergrove	1025.8 1029.1	-14 -17	SE SSE	4 4	bc c	46 45	92 75	7 7	4 5	- -	2-3 10	4-6 10	800 4000	1022.8 1026.3	-28 -12	SE SSE	5 3	c c	46 45	97 85	7 7	4 4	4 -	4-6 10	7-8 1500	800 1500	0 1	2	bc c	bc c	bc c	c		
19	Birr Castle	1027.6	-2	SSE	2	c	47	65	8	5	-	10	10	2500	1025.1	-8	SSE	2	c	48	85	8	5	-	-	9+ 1500	1500	1	*	bcc	c	c	cl		
20	Valentia Obey. Roches Point	1025.0 1027.9	-16 -4	SSE SE	5 5	c c	53 52	75 85	8 8	5 3	7 1	7-8 4-6	9+ 7-8	2500 1500	1023.4 1026.3	-4 -4	SSE SE	5 6	c c	53 51	85 92	8 7	5 1	2 -	- 7-8	9 1500	1500	0 1	2 4	c c	c c	cl r r c	cl r c cl r r		

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally high).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain.
rr, continuous rain.
Θ, Solar halo. ⊙, Lunar halo. /gale.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus: bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

The figures in these columns indicate the number of tenths of the sky covered by low cloud and all forms of cloud respectively. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "8+" signifies an overcast sky with a few small openings.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

Cirrus, Ci: Cirrocumulus, -Cc: Cirrostratus, -Cs: Altopumulus, -Ac: Altostratus, -As: Stratocumulus, -Sc: Stratus, -St: Nimbostratus, -Ns: Cumulus, -Cu: Cumulonimbus, -Cb

COLUMN 29.—STATE OF GROUND.

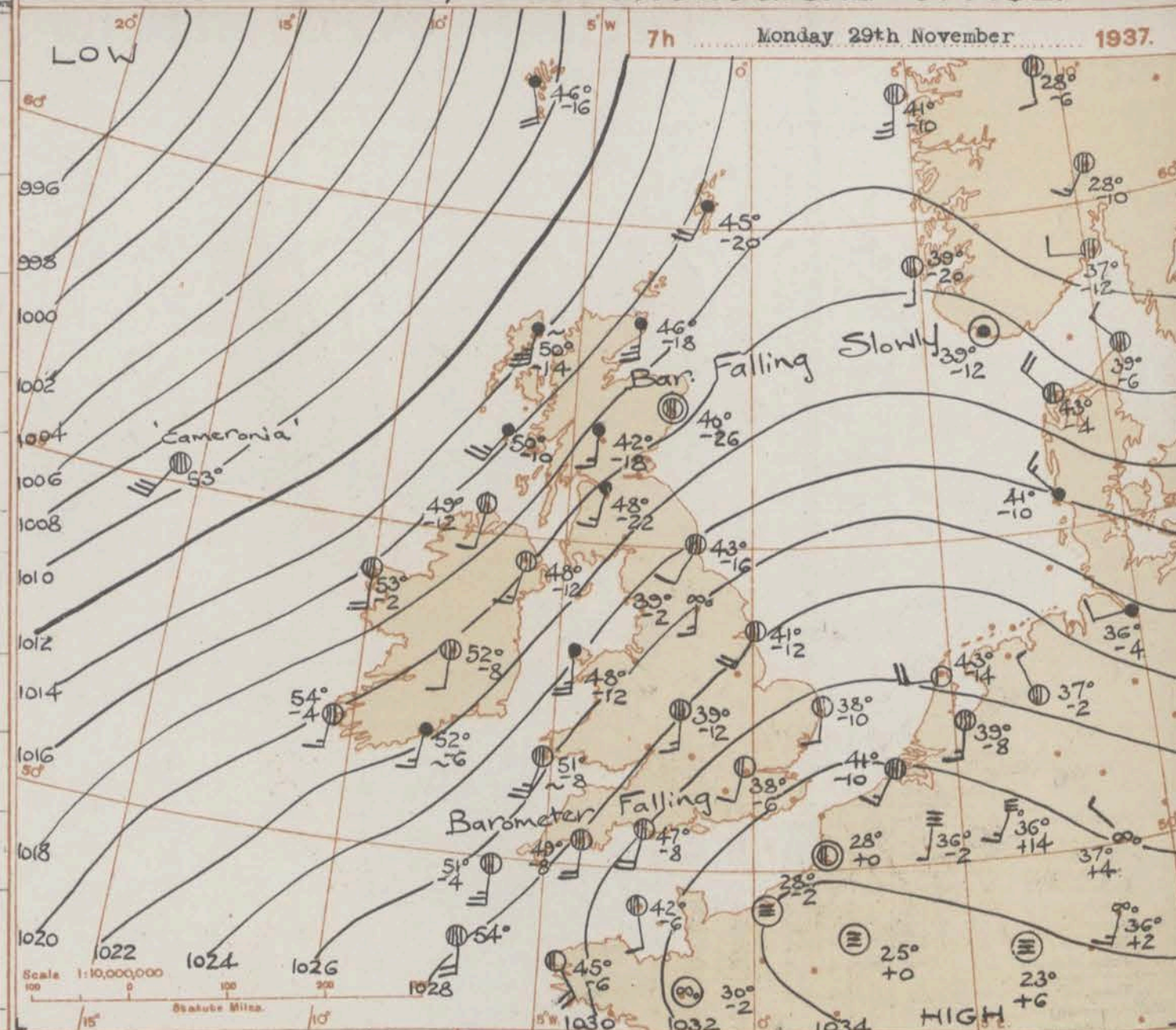
0 ... Ground dry.
1 ... " wet.
2 ... " flooded.
3 ... " frozen hard and dry.
4 ... " partly covered with snow or hail.
5 ... " covered with ice or glazed frost.
6 ... Ground covered with thawing snow.
7 ... " covered with snow, less than 6 ins., deep but ground not frozen.
8 ... " covered with snow,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

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

DISTRICTS.	STATIONS.	WEATHER.		Temperature. (°F.)		Rainfall. (mm.)		SUNSHINE.
		Fore-noon.	After-noon.	Min. 9h. to 2h.	Max. 2h. to 9h.	Night. 9h. to 2h.	Day. 2h. to 9h.	
1	Tunbridge W.	bmbc	bmbc	25	46	-	-	7.0
	Bournemouth	a	d.o	36	46	-	0.3	0.0
	Ventnor	ocu	cro	42	47	-	0.3	0.0
	Southsea	cm,c	c	38	46	-	-	0.0
	Bognor Regis	bcbcc	bcc	37	46	-	-	0.4
	Littlehampton	bcc	c	35	45	-	-	1.6
	Worthing	bcc	bcc	38	47	-	-	3.4
	Brighton	bc	bc	38	47	-	-	3.9
	Eastbourne	bcc	bc	33	46	-	-	4.1
	Hastings	bcbcc	bcbcc	35	48	-	-	5.0
	Folkestone	bcc	bcbcc	37	47	-	-	5.1
	Dover	bcc	bcc	37	47	-	-	5.5
2	Deal	b	b	34	45	-	-	6.0
	Ramsgate	bc	bc	36	47	1	-	7.1
	Margate	bc	bc	33	46	Trace	-	6.8
	Southend	b	bcbcc	33	47	Trace	-	7.3
	Clacton-on-Sea	bm	bm	34	46	-	-	7.1
	Dovercourt	bc	bc	33	47	-	-	7.2
	Lowestoft	bcbcc	bcbcc	33	43	Trace	-	5.1
	Skegness	bcb	bc	36	46	-	Trace	4.4
	Mablethorpe	bcbcc	bcbcc	35	46	Trace	Trace	3.7
	Cleethorpe	cbc	bc	35	44	Trace	-	3.6
	Leamington S.	cbc	bcc	33	46	-	-	4.1
	Chesterham	bcbcc	c	30	43	-	-	2.1
3	Bath	c	c	52	41	-	-	0.0
	Weymouth	cir	mc	38	47	Trace	0.6	0.0
	Jersey	b	bc	42	48	-	-	7.6
	Torquay	or,pm	oc	43	49	0.6	-	0.0
	Falmouth	or,ro	agbco	43	50	0.5	Trace	0.2
	Penzance	c	c	43	51	0.3	-	0.0
	St. Ives	d	c	40	49	4	1	0.0
	Bude	c	b	42	48	-	-	0.0
	Ilfracombe	cbcc	ococ	41	48	-	-	0.0
	Aberystwyth	zc	c	36	46	-	-	0.2
	Llandudno	lccb	bcc	38	46	-	-	5.1
	Colwyn Bay	bcbcc	bcbcc	35	46	-	-	5.5
	Rhyl	m,cbcc	bcbcc	37	45	-	-	4.2
4	Wallasey	m,cbcc	bcc	38	44	-	-	2.5
	Southport	m,cco	bcb	34	43	-	-	2.4
	Blackpool	cm	cbc	35	44	-	-	2.1
	Morecambe	c	bcbcc	37	44	-	-	0.7
5	Ilkley	c	c	34	42	-	-	0.2
	Harrogate	c	cb	35	41	-	-	0.0
	Berwick-on-T.	c	c	36	43	-	-	2.6
	Dunbar	bc	cm	36	43	-	-	4.3
	Troon	ccccc	occcc	52	43	-	-	0.0
	Douglas	c	c	42	44	-	-	0.0

† Max. Temp. for period 24h. yesterday to 17h. to-day: Min. Temp. 21h.-9h.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th November, 1937.
1 S.E. England	light to moderate southwesterly winds; mainly fair; rather mild.
2 E. England	
3 E. Midlands	Moderate to fresh southwesterly winds; cloudy periods; occasional rain; mild.
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	Moderate to strong south to southwest winds; cloudy, occasional rain; mild.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotland B.N.W. Scotland	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkney and Shetland	
17 N.W. Ireland	Moderate to strong southwesterly winds; bright periods, occasional rain or showers; mild.
18 N.E. Ireland	As 6 - 16
19 S.E. Ireland	
20 S.W. Ireland	As 17.

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

GENERAL INFERENCE.

An anticyclone is centred over France and a depression is approaching Iceland from the south. Another depression in Mid-Atlantic will slowly approach Ireland. Weather will be rather mild generally with rain at times in the West and North.

FURTHER OUTLOOK.

Rather mild, showery weather.

Forecasts issued at 1030 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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

937.

39°
-6

36°
-4

36°
+2

36°
+2

36°
+2

36°
+2

36°
+2

36°
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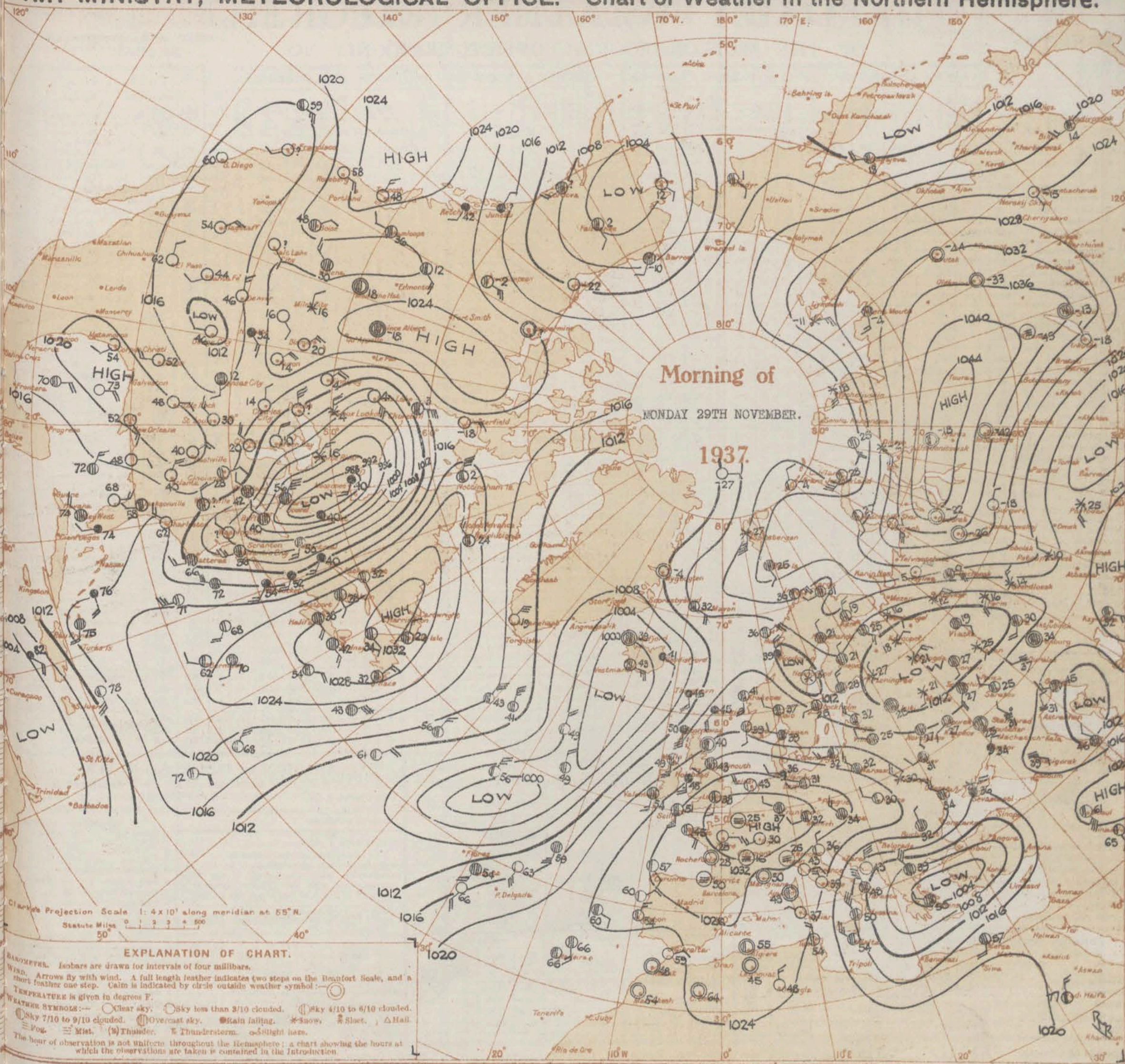
36°
+2

36°
+2

36°
+2

36°
+2

36°
+2



c., F.R.S.,
ector.

PAST 24 HOURS.

[illegible]

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

† Sea disturbance reported from Dungeness.

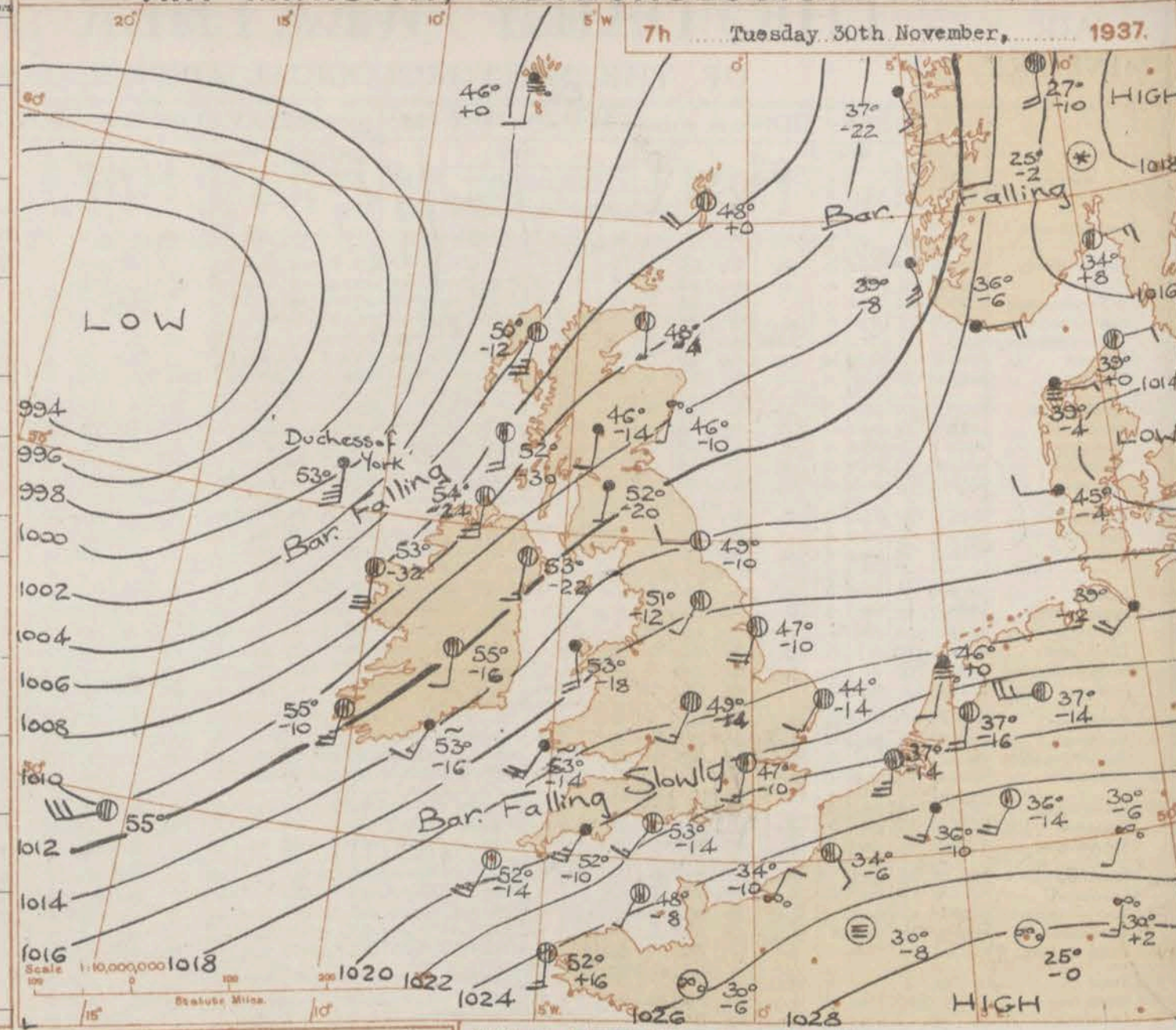
DISTRICT.	STATIONS.	OBSERVATIONS at 13h. G.M.T. 29th November														OBSERVATIONS at 18h. G.M.T. 29th November														PAST 24 HOURS.					
		Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp.	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.—13h. 29th	13h.—18h. 29th	18h.29th to 1h.30th	1h.—7h. 30th		
(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)	1026.3	-1.8	SW	3	Z	45	65	6	5	3	-	3	5700	1026.0	-1.2	SSW	3	C	41	75	7	5	-	-	7-8	7-8	4000	1	*	cfcz	cfcz	cfcz	cfcz	
	Croydon	1029.3	-1.6	SW	4	C	45	65	6	5	3	3	7-8	9+	7200	1027.8	-0.6	SSW	3	Z	40	75	6	-	3	-	0	7-8	-	1	*	bcmz	cfcz	bcmz	cfcz
	S. Farnborough	1029.2	-1.6	SSW	4	C	47	65	7	5	3	1	2-3	7-8	5700	1027.3	-1.0	SW	2	Z	39	85	6	-	2	0	7-8	-	1	*	bcmz	bcmz	cir.rrc	cir.rrc	
	Boscombe Down	1028.9	-1.8	SW	4	C	45	75	7	5	7	-	4-6	9+	5700	1026.8	-0.8	SE	3	C	42	85	7	-	7	-	0	7-8	-	0	*	c	cfcz	cir.rrc	cir.rrc
	Calshot (Stmnt.)	1029.7	-1.4	S	4	C	46	75	7	5	4	-	7-8	9+	4000	1027.6	-1.0	S	3	bc	45	85	8	-	4	-	0	2-3	-	1	2	cbc	c	bcbpoc	cidec
	Lympne	1030.2	-2.6	SW	4	C	44	65	8	5	3	-	7-8	9+	4000	1028.7	-0.6	SW	3	C	39	85	6	5	3	6	4-6	3	4000	1	3	c	cfcz	bcmz	cir.rrc
	Manston	1029.8	-2.2	SW	4	C	44	75	8	5	3	-	4-6	9+	2500	1028.0	-0.6	SW	3	bc	38	75	7	5	3	-	1	2-3	4000	1	*	cfcz	cfcz	bcmz	cir.rrc
2	Shoeburyness	1029.3	-2.0	SSW	3	C	46	65	8	-	7	-	0	9+	-	1027.5	-0.6	SSW	3	b	41	75	7	-	-	-	0	0	-	1	*	cfcz	cfcz	bcmz	cir.rrc
	Felixstowe	1029.3	-2.2	SW	4	C	45	65	7	5	3	-	4-6	9+	4000	1027.3	-0.6	SSW	3	bc	42	75	7	-	3	-	0	4-6	-	0	2	cfcz	cfcz	bcmz	cir.rrc
	Gorleston	1028.1	-2.0	SW	4	C	44	65	6	5	-	-	9+	9+	2500	1026.0	-0.8	SW	4	C	42	75	6	5	-	-	10	10	2500	1	2	cfcz	cfcz	cir.rrc	cir.rrc
	Mildenhall	1027.6	-2.2	SW	4	Z	45	65	6	-	9	6	0	9+	-	1025.6	-1.0	SSW	4	C	44	75	6	5	-	-	10	10	4000	1	*	cfcz	cfcz	cir.rrc	cir.rrc
	Cranwell	1028.8	-2.2	SW	4	Z	45	75	6	5	7	3	7-8	9+	4000	1023.7	-1.0	SW	4	Z	45	85	6	5	-	-	3	3	2500	1	*	bcmz	cfcz	cir.rrc	cir.rrc
3	Birmingham	1026.1	-2.0	SSW	3	C	44	75	6	-	7	-	0	9+	-	1024.2	-1.4	SSW	4	m	45	85	4	5	-	-	3	3	2500	1	*	cfcz	cfcz	cir.rrc	cir.rrc
	Upper Heyford	1027.3	-2.0	SSW	4	C	45	75	7	5	7	3	4-6	9+	5700	1026.3	-2.2	S	3	Z	42	92	6	5	-	-	4-6	4-6	2500	1	*	bcmz	cfcz	bcmz	cir.rrc
4	Ross-on-Wye	1026.2	-2.0	SSW	4	C	46	75	7	5	2	-	7-8	10	2500	1024.5	-1.2	S	3	C	46	85	6	5	-	-	3+	3+	2500	1	*	cfcz	cfcz	cir.rrc	cir.rrc
5	Bristol	1028.1	-1.4	SSW	3	C	47	75	8	5	3	4	2-3	7-8	4000	1025.7	-1.0	S	4	C	47	75	8	5	7	3	4-6	3	2500	1	*	bcmz	cfcz	cir.rrc	cir.rrc
	Portland Bill	1028.7	-1.4	SSW	4	C	48	85	8	4	-	-	10	10	2500	1026.6	-1.2	SW	3	C	45	75	7	4	-	-	7-8	7-8	2500	1	3	cfcz	cfcz	cir.rrc	cir.rrc
	Plymouth	1028.1	-1.0	SW	4	C	50	85	8	5	3	-	9+	10	1500	1026.3	-0.6	S	4	d.d.	50	97	6	6	-	-	10	10	1500	1	3	cfcz	cfcz	cir.rrc	cir.rrc
	The Lizard	1027.2	-1.6	SE	5	C	51	92	8	5	-	-	10	10	1500	1025.1	-1.2	SW	5	C	52	85	7	5	-	-	10	10	1500	1	3	cfcz	cfcz	cir.rrc	cir.rrc
	Scilly (St. Mary's)	1025.4	-1.2	S	5	d.d.	52	97	4	5	-	-	10	10	2500	1024.3	-0.6	SSW	5	m	52	97	4	5	-	-	10	10	1500	1	3	cfcz	cfcz	cir.rrc	cir.rrc
	Guernsey	1029.9	-1.4	SE	3	C	45	65	7	-	-	8	0	7-8	-	1028.5	-0.6	SW	1	bc	43	75	7	-	1	8	0	4-6	-	0	3	c	cfcz	cir.rrc	cir.rrc
6	Pembroke	1024.2	-1.4	SSW	6	ir	51	97	6	5	-	-	10	10	1500	1021.5	-1.2	SW	5	rr	52	97	6	5	-	-	10	10	1500	1	4	cfcz	cfcz	cir.rrc	cir.rrc
7	Holyhead	1021.9	-1.8	SSW	4	d.d.	51	97	5	5	-	-	10	10	1500	1020.2	-1.0	SSW	4	dd	52	97	5	5	-	-	10	10	220	1	3	cfcz	cfcz	cir.rrc	cir.rrc
	Chester (Sealand)	1023.6	-2.2	SE	3	ir	46	85	6	6	2	-	9	10	2500	1022.0	-0.8	S	3	ir	53	75	6	5	-	-	10	10	1500	1	*	bcmz	cfcz	cir.rrc	cir.rrc
8	Manchester	1024.2	-2.4	SSE	2	id.	44	85	5	5	7	-	4-6	10	1500	1022.0	-1.2	SW	3	ir	47	92	5	5	7	-	7-8	10	1500	1	*	cfcz	cfcz	cir.rrc	cir.rrc
10	Spurn Head	1025.1	-1.4	SW	4	C	43	85	6	5	7	-	7-8	10	4000	1022.9	-0.8	SW	4	o	44	97	6	5	-	-	10	10	1500	1	3	c	cfcz	cir.rrc	cir.rrc
	Catterick	1022.3	-2.2	SW	3	Z	45	85	6	8	3	1	7-8	9	4000	1020.5	-1.0	SW	3	id.	46	92	5	5	-	-	10	10	1500	1	*	cfcz	cfcz	cir.rrc	cir.rrc
	Tynemouth	1021.0	-1.6	SW	2	Z	45	86	5	5	-	-	10	10	800	1018.5	-0.8	W	2	C	50	75	6	5	-	-	7-8	7-8	-	1	1	o	m	cfcz	cir.rrc
11	St. Abbs Head	1016.8	-1.6	SW	6	C	47	85	8	8	7	2	4-6	7-8	1500	1016.6	-0.6	SW	3	bc	47	97	7	5	4	1	4-6	4	1500	0	2	cpr	cfcz	cir.rrc	cir.rrc
	Leuchars	1017.6	-1.8	SW	3	C	49	92	7	6	7	-	7-8	9+	1500	1015.7	-0.6	W	3	C	50	97	8	5	7	-	4-6	9	2500	1	*	cfcz	cfcz	cir.rrc	cir.rrc
12	Renfrew (Abbots I.)	1019.1	-1.0	SW	3	d.d.	51	92	5	5	-	-	10	10	800	1016.3	-1.0	SW	3	Z	51	85	-	5	-	-	3	3	4000	1	*	cfcz	cfcz	cir.rrc	cir.rrc
	Rakdalemuir	1019.3	-2.0	SW	4	d.d.	44	97	5	-	2	-	10	10	220	1017.1	-0.6	SSW	3	df	47	97	2	-	2	-	10	10	1500	1	*	cfcz	cfcz	cir.rrc	cir.rrc
	Point of Ayre	1020.2	-1.6	SW	4	id.	53	92	7	8	1	-	7-8	10	800	1018.5	-1.0	SW	1	C	53	92	8	5	-	-	3+	3+	2500	1	1	cfcz	cfcz	cir.rrc	cir.rrc
13a	Tiree	1019.9	-0.8	SW	4	d.d.	51	92	7	5	7	-	7-8	9+	1500	1013.4	-0.8	SW	5	C	51	92	7	5	7	-	7-8	10	1500	1	3	dDr	cfcz	cir.rrc	cir.rrc
13b	Stornoway	1012.1	-0.4	SSW	4	C	52	92	8	8	7	-	7-8	9+	1000	1003.1	-1.0	SSW	6	ir	51	92	7	8	2	-	7-8	10	1500	1	4	cfcz	cfcz	cir.rrc	cir.rrc
15	Dalwhinnie	1017.5	-1.2	SSW	3	ir	46	97	6	5	6	-	7-8	10	1500	-	-	SSW	3	C	45	92	7	4	6	-	4-6	7-8	2500	1	*	cfcz	cfcz	cir.rrc	cir.rrc
	Aberdeen	1015.7	-2.0	SW	3	C	50	85	6	5	7	6	1	7-8	4000	1014.7	-4	SSW	2	Z	47	97	3	-	4	-	0	4-6	-	1	1	cfcz	cfcz	bcmz	bcmz
	Wick	1013.1	-1.4	S	4	C	49	92	8	4	4	1	4-6	7-8	1500	1011.9	-4	S	1	C	48	92	7	5	2	-	3	10	1500	1	1	c	cfcz	cir.rrc	cir.rrc
16	Lerwick	1012.1	-0.4	SSW	5	rr	47	97	6	6	2	-	7-8	10	450	1003.9	-1.4	SW	6	ir	50	97	6	8	2	-	7-8	10	800	1	*	cfcz	cfcz	cir.rrc	cir.rrc
17	Blackstone Point	1016.3	-0.6	S	4	C	53	85	8	5	-	-	7-8	7-8	800	1015.5	-4	S	3	C	52	92	7	5	-	-	10	10	800	1	3	ir	cfcz	idrr	idrr
18	Malin Head	1016.5	-1.2	SW	3	C	53	97	7	5	-	-	3	3	800	1015.1	-8	SSW	3	C	52	97	7	5	-	-	7-8	7-8	1500	0	1	c	cfcz	c	idrr
	Aldergrove	1018.9	-1.2	SW	3	d.d.	52	97	6	5	-	-	3+	3+	1500	1017.2	-1.8	SW	3	C	53	85	7	5	-	-	10	10	1500	1	*	cfcz	cfcz	c	idrr
19	Birr Castle	1019.6	-1.0	SSW	1	C	56	85	7	5	7	-	4-6	7-8	1500	1017.6	-0.6	S	1	C	53	92	8	8	-	-	7-8	7-8	1500	1	*	cfcz	cfcz	c	idrr
20	Valentia Obsy.†	1019.5	-1.0	SW	4	d.d.	55	97	7	5	-	-	10	10	450	1018.5	-2	S	4	id	54	97	6	5	-	-	10	10	450	1	2	id	idrr	idrr	idrr
	Roches Point	1020.8	-1.2	SW	4	df	53	97	3	5	-	-	10	10	1500	1019.7	-4	SW	3	df	53	97	3	5	-	-	10	10	1500	1	4	id	idrr	idrr	idrr

REPORTS from HEALTH RESORTS for 29th November, 1937.

DISTRICTS.	STATIONS.	WEATHER.		Temperature (°F.)		Rainfall (mm.)		SUNSHINE (hrs.)
		Forenoon.	Afternoon.	Min. 9h. to 2h.	Max. 2h. to 5h.	Night 5h. to 9h.	Day 9h. to 5h.	
1	Tunbridge W.	cbe	beb	37	47	-	-	2.1
	Bournemouth	oc	c	38	48	-	-	0.2
	Ventnor	ocb	bcw	43	48	-	-	3.5
	Southsea	b	bc	40	48	-	-	3.5
	Bognor Regis	cbe	bcc	38	46	Trace	-	3.3
	Littlehampton	cbe	bc	36	47	-	-	3.5
	Worthing	ocbe	bbe	42	48	Trace	-	3.0
	Brighton	bc	bc	39	47	-	-	3.1
	Eastbourne	coc	bcbe	33	47	-	-	1.4
	Hastings	cbe	bcbe	36	47	-	-	1.2
	Folkestone	oc	c	31	46	-	-	0.0
	Dover	c	c	31	45	-	-	0.3
2	Deal	o	o	31	45	-	-	0.0
	Ramsgate	e	c	36	45	-	-	0.0
	Margate	c	c	37	45	-	-	0.0
	Southend	c	c	35	47	Trace	-	1.3
	Clacton-on-Sea	c	cbe	34	45	-	-	0.2
	Dovercourt	bc	bc	32	46	-	-	0.5
3	Lowestoft	cbe	c	32	44	-	-	1.1
	Skegness	mc	op	34	44	-	Trace	0.0
	Mablethorpe	bcc	cor	32	45	-	0.3	0.3
	Cleethorpe	c	cr	30	44	Trace	1	0.0
	Leamington S.	co	opc	39	47	-	Trace	0.0
	Cheltenham	c	cop	38	48	-	Trace	0.0
4	Bath	bcc	c	31	49	-	-	0.2
	Weymouth	c	c	40	48	-	-	0.1
	Jersey	cbe	bc	41	46	-	-	3.8
	Torquay	oc	c	44	50	-	-	0.0
	Falmouth	c	ogrm	46	52	-	1	0.0
	Penzance	cdd	dci	47	53	-	*	0.0
5	St. Ives	d	d	44	53	1	1	0.0
	Bude	c	cpc	39	51	-	2	0.0
	Ilfracombe	bcc	cor	42	51	-	Trace	0.0
	Aberystwyth	pcc	pcc	43	52	0.3	0.5	0.0
	Llandudno	c	cbe	40	47	0.3	-	2.2
	Colwyn Bay	c	beb	40	53	-	-	0.9
6	Rhyl	c	bcc	37	53	0.2	0.3	2.4
	Wallaasey	oro	iroc	39	53	-	0.5	0.0
	Southport	oir	ois	36	48	-	0.6	0.0
	Blackpool	oir	isom	34	46	-	1	0.0
	Morecambe	cirm	comr	34	46	-	3	0.0
	Ilkley	cpc	cpc	30	46	-	0.1	0.0
7	Harrogate	coir	coid	31	45	-	0.2	0.0
	Berwick-on-T.	or	c	35	49	-	0.3	0.0
	Dunbar	cr	b	36	53	Trace	-	0.0
	Troon	oror	coc	37	46	1	0.5	0.0
	Douglas	crm	crm	42	52	4	3	0.0

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th November, 1937.

1 S.E. England	
2 E. England	
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 A.W. Scotland & N.W. Scotland	Moderate southerly winds, veering and freshening; occasional rain or drizzle; very mild.
14 Mid Scotland	
15 N.E. Scotland	As 1 - 12.
16 Orkney and Shetland	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	Moderate to strong southwesterly wind; cloudy with occasional rain at first, showery and bright periods later; very mild at first, average temperature later.
20 S.W. Ireland	

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

GENERAL INFERENCE.

A complex depression centred to the northwest of the British Isles will move slowly eastwards. Weather will be very mild generally with occasional rain in most districts.

FURTHER OUTLOOK.

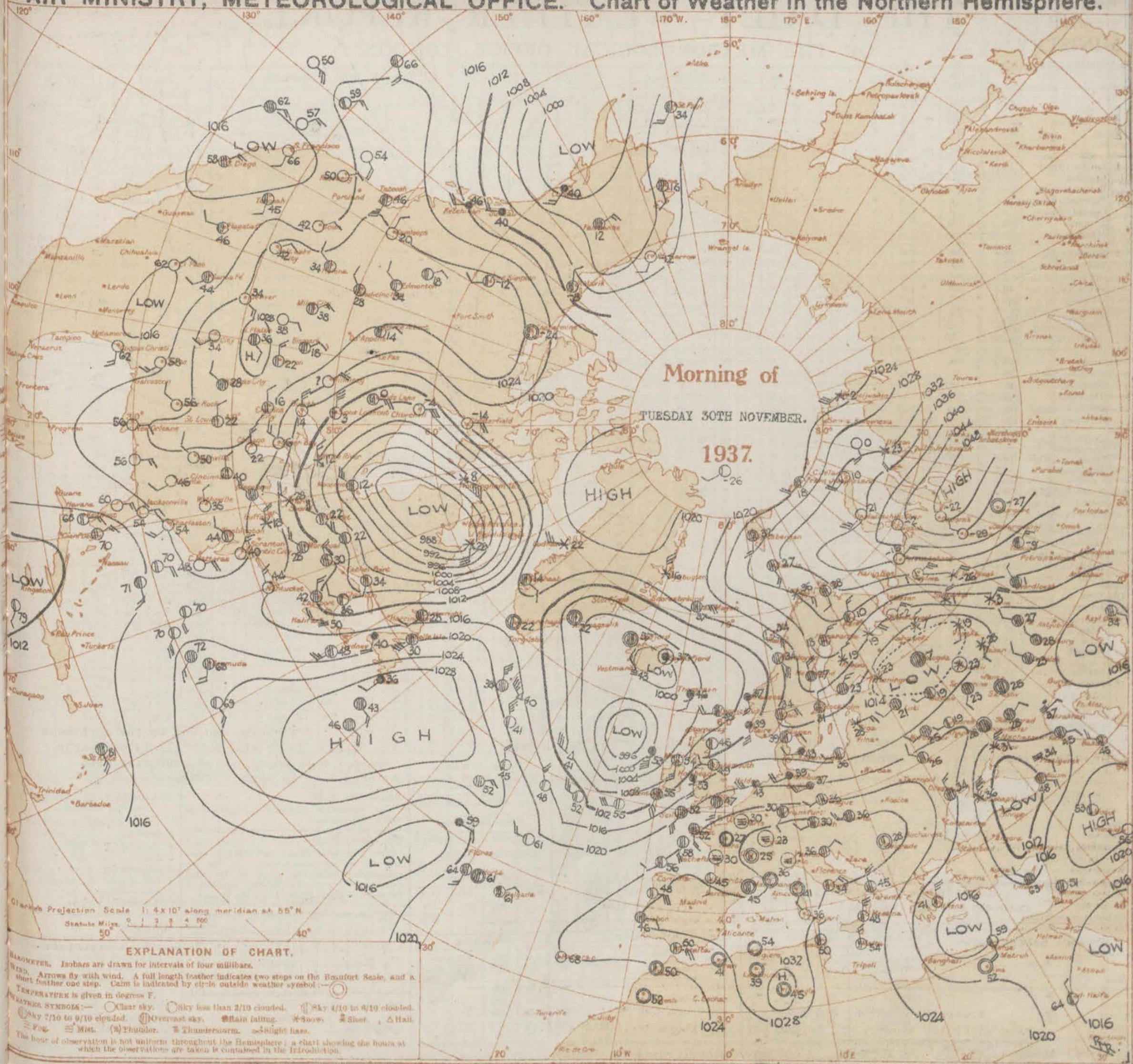
Continuing mild and rather unsettled.

TIMES OF ISSUES OF GALE WARNINGS.

- South Cone hoisted at 0200 on 30/11/37 in districts 17, 20 and 18 (part of)
- South Cone hoisted at 0540 on 30/11/37 in districts 13A, 13B and 5 & 6 (part of)

Forecasts issued at 1030 G.M.T. GEORGE C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 30th November, 1937.

No. 27767.

OBSERVATIONS at 1 hr. G.M.T. 30th November														OBSERVATIONS at 7 hr. G.M.T. 30th November														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (6)	Humid. (7)	Visibility. 0-9 (8)	Cloud.					Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. (20)	Humid. (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 24 Hrs. (36)		
					Dir.	Force 0-12 (4)					Low (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base (feet) (14)	Dir.					Force 0-12 (18)	Low (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-7h (31)	Min. Night 12h-7h (32)	Min. on Grass (33)		Day 7h-18h (34)	Night 18h-7h (35)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1020.8	-12	SW	2	z.	47	92	6	5	-	-	10	10	1500	1	*	45	33	32	-	1	1.2			
	Croydon	217	1025.0	-14	SSW	4	ft.	43	92	7	5	2	-	1021.9	-10	SSW	3	c	47	92	8	5	-	-	10	10	1600	1	*	46	33	36	-	1	1.2			
	S. Farnborough	226	*	*	*	*	*	*	*	*	*	*	*	1021.0	-10	SSW	3	o/r	49	97	6	5	-	-	10	10	1450	1	*	47	38	33	-	1	2.3			
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	1020.7	-12	SW	4	o	49	97	7	5	-	-	10	10	800	1	*	45	35	38	-	5	0.2			
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	1021.8	-10	SW	4	c	51	97	7	5	7	-	4-6	3+	1500	1	3	47	45	44	-	0.3	2.5			
	Lymington	348	1025.9	-14	SW	2	c	41	75	8	-	7	6	1023.1	-10	SW	3	o	44	92	7	5	-	-	10	10	1500	1	3	44	37	29	-	0.5	0.5			
	Manston	142	1025.0	-14	SW	4	c	41	75	8	5	-	-	1021.6	-14	SW	4	c	45	85	7	5	-	-	10	10	1500	1	*	45	33	29	-	1	0.0			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1021.5	-10	SW	3	c	45	85	6	5	1	-	3+	3+	4000	1	*	46	41	35	-	0.2	0.6			
	Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	1020.8	-16	SSW	4	z.	44	97	6	6	2	-	3	10	800	1	2	46	41	38	-	1	0.3			
	Gorleston	5	1022.8	-12	SSW	3	ir.	42	92	6	6	-	-	1019.3	-14	SW	2	o	44	92	6	6	-	-	10	10	2500	1	2	44	41	39	-	0.5	0.4			
	Mildenhall	19	*	*	*	*	*	*	*	*	*	*	*	1019.2	-10	SW	4	z.	47	97	6	5	2	-	9	10	800	1	*	45	42	41	Tr	3	0.3			
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1017.7	-12	SSW	3	c/d	49	97	6	5	-	-	8	10	1500	1	*	47	44	41	0.1	1	0.1			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1017.5	-14	SW	3	o	49	97	7	5	-	-	10	10	800	1	*	45	43	42	-	2	0.0			
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1019.7	-14	SW	4	df	49	97	3	5	-	-	10	10	220	1	*	45	41	86	Tr	1	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1018.7	-10	SSW	3	c	52	92	7	5	-	-	10	10	1500	1	*	47	46	44	0.3	Tr	0.0			
5	Bristol	209	*	*	*	*	*	*	*	*	*	*	*	1019.8	-6	SSW	3	c	52	92	8	5	7	-	7-8	3+	1500	1	*	48	47	45	Tr	1	0.0			
	Portland Bill	32	1023.7	-8	SW	3	c	52	85	8	4	-	-	1021.0	-14	WSW	3	c	53	92	8	5	-	-	10	10	1500	1	3	50	47	*	-	4	*			
	Plymouth	82	*	*	*	*	*	*	*	*	*	*	*	1020.5	-10	SW	5	for	52	97	6	6	-	-	10	10	800	1	2	51	49	49	Tr	7	0.0			
	The Lizard	240	1023.2	-8	SW	5	o	53	97	7	5	-	-	1019.9	-20	SW	5	rr	52	92	7	5	-	-	10	10	1500	1	3	52	51	*	1	6	*			
	Scilly (St. Mary's)	163	1022.5	-8	SW	5	o/d	53	85	7	5	-	-	1019.4	-14	SW	5	o/d	52	97	7	5	-	-	10	10	1500	1	3	52	51	*	2	3	0.0			
	Guernsey	175	1026.3	-8	SSE	1	bc	46	85	7	-	1	8	1024.1	-8	SW	1	c	48	92	7	-	2	-	0	3+	-	0	1	46	41	33	-	-	4.4			
6	Pembroke	142	1020.4	-6	SW	5	rr	54	97	3	5	-	-	1016.8	-14	SW	4	ir	53	97	6	5	-	-	10	10	1500	1	4	53	51	*	4	10	0.0			
7	Holyhead	26	1017.5	-6	SW	4	c	52	97	7	5	-	-	1014.1	-18	SEW	4	ld	53	97	4	5	-	-	10	10	220	1	3	53	51	52	4	12	0.0			
	Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	1016.3	-14	s	2	ir.	55	85	6	6	2	-	3	10	1500	1	*	53	49	45	0.4	1	1.1			
8	Manchester	70	*	*	*	*	*	*	*	*	*	*	*	1016.1	-10	s	3	z.	50	97	6	5	-	-	7-8	7-8	1500	1	*	47	47	44	0.1	2	0.0			
10	Spurn Head	29	1019.9	-6	SW	4	rr	45	97	6	5	-	-	1016.5	-10	SW	4	c	47	97	6	5	-	-	10	10	1500	1	3	45	44	*	1	1	0.0			
	Catterick	175	*	*	*	*	*	*	*	*	*	*	*	1014.3	-12	SW	1	c	51	85	7	5	-	-	3+	3+	2500	1	*	46	46	44	0.1	Tr	0.0			
	Tynemouth	108	1016.6	-8	W	2	bc	48	92	6	5	-	-	1013.5	-10	W	2	bc	49	92	6	5	-	-	4-6	4-6	1500	1	1	51	48	42	Tr	-	0.0			
11	St. Abbs Head	280	1015.6	-6	SSE	2	bc	46	92	8	-	4	1	1011.7	-8	SW	3	c	47	92	7	5	7	-	4-6	7-8	2500	1	2	48	44	*	0.6	Tr	*			
	Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	1011.3	-10	W	2	c	49	92	6	5	2	-	7-8	10	1500	1	*	51	47	41	0.1	-	0.0			
12	Renfrew (Abbots L.)	19	*	*	*	*	*	*	*	*	*	*	*	1010.8	-20	SSW	1	ir.	52	92	4	5	2	-	10	10	1500	1	*	52	50	47	2	0.2	0.0			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1013.0	-10	SW	1	dod	47	97	2	-	2	-	10	10	1500	1	*	48	47	47	3	1	0.0			
	Point of Ayre	30	1016.6	-8	SW	1	c	52	97	7	5	-	-	1012.5	-18	SW	1	rr	52	97	6	8	1	-	7-8	10	800	1	1	55	51	*	0.3	3	0.1			
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1006.5	-30	s	4	c	52	92	6	5	2	-	3+	10	800	1	*	52	50	49	1	Tr	0.0			
13b	Stornoway	80	1008.5	0	SW	5	c	52	92	7	8	2	-	1006.4	-12	SSW	5	c/pr	50	97	7	8	1	-	7-8	10	1500	1	3	52	50	*	1	12	0.0			
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	-14	SSW	2	ir	46	97	7	4	2	-	7-8	10	2500	1	*	47	45	37	0.4	0.5	0.2			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1009.5	-10	SSW	1	z.	46	92	6	2	4	-	Tr	4-6	2500	1	1	50	43	34	1	Tr	0.2			
	Wick	81	1009.2	-4	SSW	4	c	49	92	8	5	1	-	1007.7	-4	s	1	c	48	92	8	5	7	-	7-8	3+	1500	1	1	50	47	*	1	0.2	*			
16	Lerwick	156	1008.1	-16	SW	5	rr	49	97	6	2	-	-	1005.9	0	WSW	4	c	48	97	7	8	7	-	7-8	3+	800	1	*	50	47	*	7	3	0.0			
17	Blackod Point	18	1000.8	-20	s	6	DR	52	97	7	6	-	-	1005.1	-32	s	6	q	53	92	7	9	-	-	10	10	800	1	3	56	48	*	0.1	4	*2			
18	Malin Head	84	1012.8	-14	SSE	3	ir.	51	97	7	6	-	-	1006.5	-24	s	5	c	54	92	7	8	-	-	7-8	7-8	1500	0	1	54	50	*	-	0.4	1.1			
	Aldergrove	268	*	*	*	*	*	*	*	*	*	*	*	1011.1	-22	SSW	3	o/r	53	92	7	5	-	-	10	10	800	0	*	53	50	47	0.1	0.1	0.0			
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	1010.2	-16	s	2	c	53	92	7																	

LONDON OBSERVATIONS														EXPLANATION OF FIGURES, LETTERS, etc.
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