

# THE DAILY WEATHER REPORT

BRITISH SECTION

5/1022

1st January to 31st March,

1949



METEOROLOGICAL OFFICE

LONDON, W.C.2



# INTRODUCTION

The Daily Weather Report has been issued in three sections since April 1st, 1919, the British and International Sections consisting of four pages and the Upper Air Section of two pages. On 1st January, 1942, all three sections were modified. The International Section was reduced to two pages of charts supplemented at eight-day intervals by a four page tabular statement of foreign observations. The Upper Air Section was increased to four pages giving two pages of charts and diagrams and two pages of observations in tabular form. The British Section of which this forms the Introduction was modified by increasing the scale of the chart on page 2 so that it occupied the whole page, and in consequence the weather forecasts were transferred to the front page and the table of auxiliary reports to the back page. The increased scale of the chart on page 2 makes it possible to show the observations from a selection of stations in full, the data being set out in accordance with the "station model" adopted by the International Meteorological Conference at Warsaw in September, 1935.

On 1st January, 1944, the British Section was again modified, the whole of pages 1 and 4 being taken up with observations from reporting stations, the reports from auxiliary stations being no longer included. The London observations were transferred to page 2 and the General Inference, Further Outlook and Gale Warnings to page 3. District Forecasts ceased to appear. On 1st January, 1949 new codes for the transmission of weather messages were introduced, based upon the recommendations of the Conference of Directors held at Washington in 1947. The principal changes affecting the Report are the use of knots for wind-speed instead of Beaufort Scale numbers and of degrees instead of compass points for wind direction, the introduction of "significant" cloud (main layer), the use of eighths instead of tenths for cloud amount, and changes in the codes for reporting visibility and cloud height. Corresponding changes have been made to the headings of columns.

Where code figures are entered in the tabular matter, these may be interpreted by reference to the number printed at the head of the column and the explanations of the various codes given below.

Stations are arranged according to Districts a map of which appears on Page III of this Introduction. The list of stations has been revised and the number of stations slightly reduced.

**Barometer Readings.**—The readings are in millibars and tenths with the initial 9 or 10 omitted. Thus readings of 999.4 and 1021.5 are printed as 99.4 and 21.5 respectively.

**Barometric Tendency.**—(Columns 6 and 22).

The Barometric tendency is expressed in tenths of a millibar.

**Code for state of ground (B)—Column 33.**

- |  |   |
|--|---|
| 0 ... Ground dry.  | 7 ... Ice, slush or firm or settled snow covering ground completely.              |
| 1 ... " moist.   | 8 ... Loose dry snow covering more than one half of surface (but not completely). |
| 2 ... " wet.   | 9 ... Loose dry snow covering surface completely.                                 |
| 3 ... " bare and frozen.   |   |
| 4 ... Glaze on ground but no slush or snow.  |   |
| 5 ... Ice, slush or snow covering less than one-half of ground.                                      |   |
| 6 ... Ice, slush or firm or settled snow covering more than one-half of ground (but not completely). |   |

## WIND SPEED AND DIRECTION

From 1st January, 1949, the speed of the wind is given in knots and the direction in degrees from true north, measured clockwise to nearest 10 degrees.

The following tables show (a) the approximate equivalents in knots, measured at 30-40 ft. above ground in an unobstructed situation, of the Beaufort numbers previously used for reporting wind force, (b) the equivalents in degrees of true wind direction expressed in compass points.

Table (a) Wind Speed

Beaufort number	Description	Speed in Knots
0	Calm	Less than 1
1	Light air	1-3
2	Light breeze	4-6
3	Gentle breeze	7-10
4	Moderate breeze	11-16
5	Fresh breeze	17-21
6	Strong breeze	22-27
7	Moderate gale	28-33
8	Fresh gale	34-40
9	Strong gale	41-47
10	Whole gale	48-55
11	Storm	56-63
12	Hurricane	64-71

Table (b) Wind Direction

Compass Points	Degrees (nearest 10)	Compass Points	Degrees (nearest 10)
Calm	00	SSW	200
NNE	20	SW	230
NE	50	WSW	250
ENE	70	W	270
E	90	WNW	290
ESE	110	NW	310
SE	130	NNW	340
SSE	160	N	360
S	180		

**Form of Low Cloud (Gt.)—Columns 9 and 25**

- No low cloud.
- Cumulus with little vertical development.
- Cumulus of considerable development with or without other Cumulus or Stratocumulus.
- Cumulonimbus, tops not cirriform or anvil-shaped; with or without other forms of low cloud.
- Stratocumulus formed by spreading out of Cumulus; Cumulus also often present.
- Stratocumulus other than Type 4.
- Stratus and/or Fractostratus but not of bad weather.
- Fractostratus or Fractocumulus of bad weather ("scud") usually under Nimbostratus.
- Cumulus and Stratocumulus other than Type 4.
- Cumulonimbus, with cirriform top, often anvil-shaped. Other types of low cloud may be present.

**Form of Medium Cloud (Gm.)—Columns 10 and 26**

- No medium cloud.
- Semi-transparent Altostratus through which sun or moon are visible.
- Thick Altostratus or Nimbostratus through which position of sun or moon is indicated by a light patch.
- Semi-transparent Altostratus of unchanging elements; at a single level.
- Semi-transparent Altostratus in patches; elements continually changing; possibly at more than one level.
- Semi-transparent Altostratus in bands or in an increasing layer.
- Altostratus formed by spreading out of Cumulus.
- Any of the following:—
  - Double-layered Altostratus not increasing.
  - Thick layer of Altostratus not increasing.
  - Altostratus and Altostratus both present.
- Altostratus tufted or turretted.
- Altostratus at different levels giving chaotic appearance to the sky. (Patchy dense Cirrus usually present).

**Form of High Cloud (Gh)—Columns 11 and 27**

- No Cirriform Cloud.
- Scattered Cirrus not increasing.
- Dense Cirrus in patches; usually not increasing.
- Cirrus often anvil-shaped; usually associated with Cumulonimbus.
- Tufted Cirrus increasing and thickening.
- Cirrus and/or Cirrostratus increasing but the continuous layer not reaching above 45° altitude.
- Cirrus and/or Cirrostratus increasing with the continuous layer reaching above 45° altitude.
- Complete layer of Cirrostratus covering whole sky.
- Cirrostratus not increasing and not a complete layer covering whole sky.
- Cirrocumulus alone or with Cirrus or Cirrostratus where the Cirrocumulus predominates. (Cirrocumulus may also be present with C<sub>u</sub> 1 and C<sub>u</sub> 8.)

**Cloud Form Abbreviations**

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

**Code for State of Sea (S)—**

- |                 |               |
|-----------------|---------------|
| 0 Calm—glassy.  | 5 Rough.      |
| 1 Calm—rippled. | 6 Very rough. |
| 2 Smooth.       | 7 High.       |
| 3 Slight.       | 8 Very high.  |
| 4 Moderate.     | 9 Phenomenal. |

**Rainfall—Columns 37, 41.**

Tr: = rain has fallen, but amount less than 0.1 m.m.

**Beaufort Notation and Symbols for Weather—**

Columns 4, 20, and 34 on page 1, and 4, 20 and 38 on page 4.

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

Explanation of the symbols used in the chart on p. 2, will be found in M.O.315, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 9d. net, or post free 10d.

**VISIBILITY—Columns 3 and 19**

In the range 01 to 80 the figures give the actual visibility in fiftths of kilometres, or furlongs. Thus 20 = 4 kms. or 2½ miles. The following Table gives the visibility for the ranges X0 to X9 and 80 to 89:—

Second code figure

First code figure	0	1	2	3	4	5	6	7	8	9
X	20	20	40	60	80	100	120	140	160	180 yards
8	10	12½	25	37	50	62	93	123	187	310 miles

## GALE WARNINGS

Details of gale warnings issued by the Meteorological Office are given below the Further Outlook on page 3 of the Report. The receipt of a gale warning at ports and fishing stations is indicated by the hoisting of a black canvas cone. The cones remain hoisted after the receipt of a warning telegram until danger of a gale has 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 symbols ▲ (North Cone) and ▼ (South Cone) are appended to the details of warnings given on page 3 of the Report.

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.



[illegible]

0. London.	4. Midlands, W. Gloucester. Hereford. Worcester. Shropshire. Stafford.	8. England, N.W. Cheshire. Lancashire. Westmorland. Cumberland.	11. Scotland, S.E. (cont.) Linlithgow. Clackmannan. Kinross. Fife. Forfar.	13a. Scotland, N.W. Hebrides. Western parts of Inverness, Ross and Cromarty. Sutherland. (Boundary line runs from Ran- noch Station through Fort Augustus, Beauly and Laing to Mel- vich).	16. Orkneys and Shetlands.	19. Ireland, S.E. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. Kildare. Dublin.
1. England, S.E. Kent. Sussex. Surrey. Hampshire. Berkshire. Wiltshire.	5. England, S.W. Dorset. Somerset. Devon. Cornwall.	9. Midlands, N. Derby. Yorkshire, W.	12. Scotland, S.W., and Isle of Man.		17. Ireland, N.W. Galway. Roscommon. Mayo. Sligo. Leitrim.	
2. England, E. Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Suffolk. Norfolk. Lincoln.	6. Wales S. & Mon. Monmouth. Glamorgan. Brecknock. Cardmarthen. Pembroke. Cardigan. Radnor.	10. England, N.E. Yorkshire, N. & E. Durham. Northumberland.	Isle of Man. Dumfries. Kirkcudbright. Wigtown. Ayr. Lanark. Renfrew. Dumbarctor. Stirling.	14. Mid Scotland. Perth.	18. Ireland, N.E. Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. Down.	20. Ireland, S.W. Cork. Kerry. Limerick. Tipperary. Clare.
3. Midlands, E. Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham.	7. Wales, N. Montgomery. Merioneth. Pllint. Denbigh. Carmarvon. Anglesey.	11. Scotland, S.E. Roxburgh. Selkirk. Peebles. Berwick. Haddington. Edinburgh.	13a. Scotland, W. Argyll. Buje.			

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

**Hours of Observation.**—From 1st August, 1944, the times of the observations published in the Report were changed to 0000, 0600, 1200 and 1800 G.M.T., and from the same date until 31st December, 1944, the morning readings of minimum and grass minimum temperature and rainfall were made at 0600 G.M.T. instead of at 0700 G.M.T. From 1st January, 1945, minimum temperatures have been read at 0900 G.M.T., and maximum temperatures at 2100 G.M.T., and rainfall at 0900 and 2100 G.M.T.

**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.*—The rainfall measurement at all the London stations where rain gauges are maintained, refer to two periods, day and night. The day period is 9h. to 21h. G.M.T. and the night period 21h. to 09h. G.M.T. at all stations except Kensington where the periods are 9h. to 18h. and 18h. to 9h., and Regent's Park and Westminster where the periods are 9h. to 15h. and 15h. to 9h.

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.

**Procedure.**—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 the 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 20 knots in latitude 55°, with a temperature of 50° F. and a pressure of 1,000 mb.; if, however, the isobars are  $\frac{1}{2}$  inch apart the corresponding speed is 40 knots.

The scales 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 knots.

Upper Scale—8 mb. isobars on  $1:4 \times 10^7$  Charts.  
Lower Scale—2 mb. „ „  $1:5 \times 10^8$  „



This scale applies under the following conditions :—

Pressure, 1,000 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.

**Dew Point.**—The values of Dew Point given in columns 8 and 24 are derived from the original readings of dry-bulb and wet-bulb temperature and are correct to 1° F. Prior to 1st January, 1949 values below 32° F. gave the "Hoar Frost Point" that is to say the temperature for which the actual vapour pressure is equal to the saturation pressure over ice. Since 1st January, 1949 the true Dew Point and not the Hoar Frost Point has been included in synoptic reports in circumstances where the actual vapour pressure is lower than the saturated water vapour pressure of 32° F., in accordance with Washington, 1947, Resolution No. 184.

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. 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).

Particulars of Codes and Specifications which were adopted on 1st January, 1949 will be found in Parts II and III of M.O. 510 "Handbook of Weather Messages, Codes and Specifications" obtainable from H.M. Stationery Office, Part II price 1s. 8d. post free, Part III price 2s. 2d. post free. Part I (Transmission Schedules and Station code numbers) is in the press.

*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," (3rd Edition, 1939), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 3s. 3d. post free.*



## Mainly dry and mild.

The first few days were changeable with a brief wintry spell in the North. After the 5<sup>th</sup> weather was generally mild and was on the whole dry except in northwest districts.

On 1<sup>st</sup> pressure at Holyhead fell to the exceptional level of 950 mbs. and over a large area it was at its lowest level for many years. Thunder occurred widely in the South on that day. Another centre over East Scotland was almost as deep. The complex system moved away north-north-east and a cold north-west current covered the British Isles, bringing local snow falls and widespread frost. On 4<sup>th</sup> a depression moved east-south-east from Northwest Ireland to East Anglia and snow fell over Northern Ireland, Northern England and the extreme southwest of Scotland. Over much of Scotland frost lasted throughout 4<sup>th</sup> and some low screen minima were recorded both on 4<sup>th</sup> and 5<sup>th</sup>. Eskdalemuir recorded 15°F on 4<sup>th</sup> and Dyce 13°F on 5<sup>th</sup>. A very rapid rise took place on 5<sup>th</sup>, as milder air spread from Southwest. Maxima were mainly above 40°F and at Dyce temperature rose from 13°F to 32°F between 0600 and 0900.

Early on 8<sup>th</sup> there was a severe northwest to north gale over much of Scotland and Northeast England, in rear of a depression, and simultaneously a very large anticyclone built up on the Atlantic, with its central pressure up to 1049 mbs. for a short time. This system drifted slowly southeast and was centred off our southwest coasts till 21<sup>st</sup> giving a spell of mild and mainly dry weather. There was

a westerly gale in the North on 20<sup>th</sup>, severe in West and North Scotland.

On 23<sup>rd</sup> pressure was highest in Central Europe, and on 24<sup>th</sup> a new anticyclone moved rapidly east over the British Isles with a short period of frost and fog in many districts. (Min. 18°F at Eskdalemuir on 25<sup>th</sup>). From 25<sup>th</sup> to 28<sup>th</sup> a large anticyclone over Central Europe gave a southerly current over the British Isles. Fog became increasingly widespread in England and East Wales and persisted locally all day. It was particularly thick in parts of London on 29<sup>th</sup>. There was some night frost but day temperatures exceeded 50°F at many places. Scilly recorded 57° on 29<sup>th</sup>. Some areas had excellent sunshine figures for the period 25<sup>th</sup> - 30<sup>th</sup>, especially on the South coast. Gales occurred in the extreme northwest.

On 30<sup>th</sup> a deepening depression gave a gale in North Scotland and simultaneously a new anticyclone developed off West Ireland. A cold front cleared the fog from all areas. A small disturbance moving southeast in the North Sea gave slight rain over much of the country on 31<sup>st</sup>, followed by a new anticyclone from the North.

Sunshine was above average in the East and South.

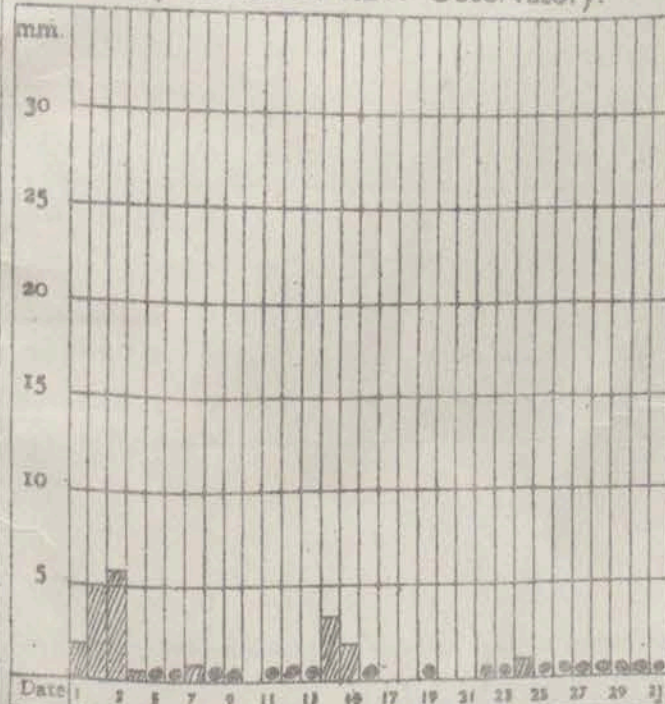
Rainfall was low in most areas and high in West Scotland.

Temperature was above normal.

Correction to Supplement, December 1948.

Renfrew Total rain for month 157 mm. Stornoway Total rain for month 150 mm.

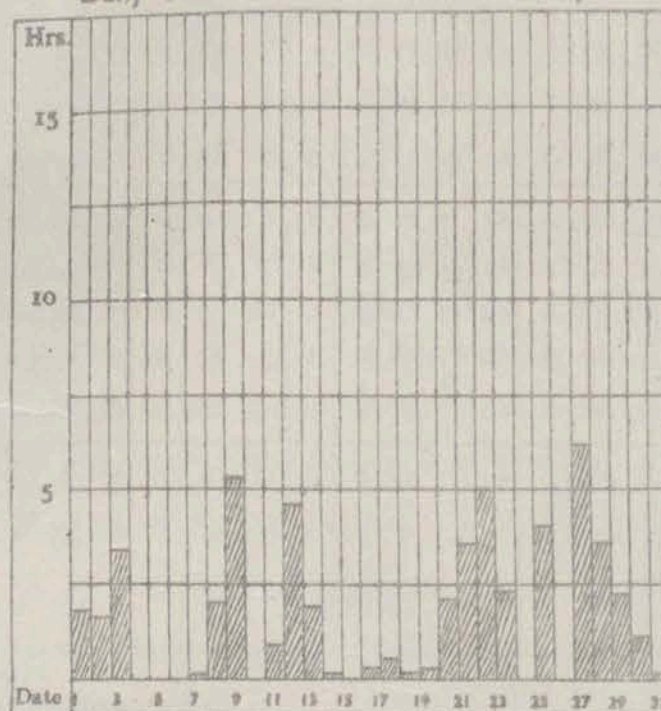
Daily Rainfall at KEW Observatory.



• = less than 0.5 mm.

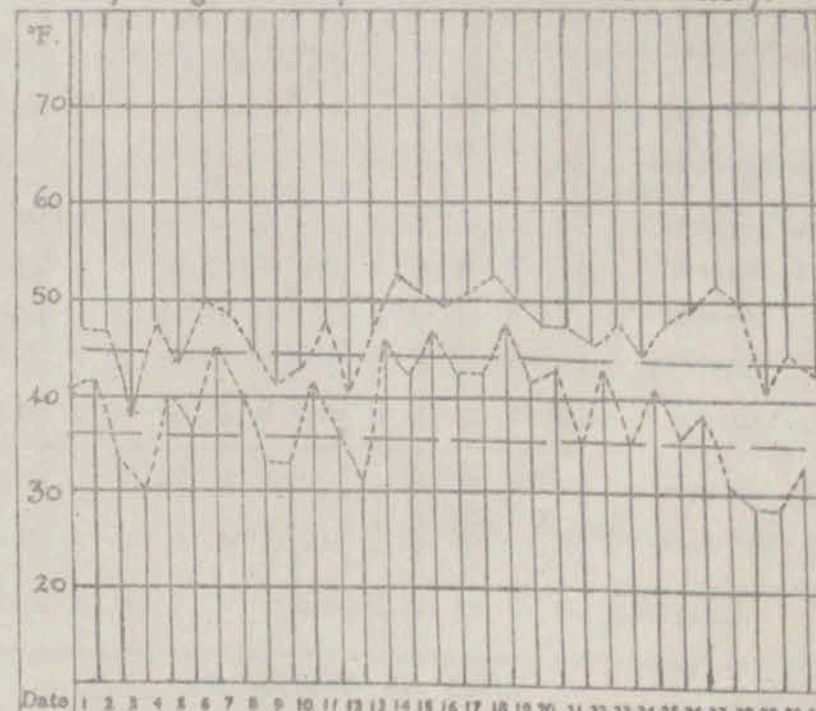
RAINFALL. Total for Month. 23 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 55 hrs.

Daily Range of Temperature at KEW Observatory.



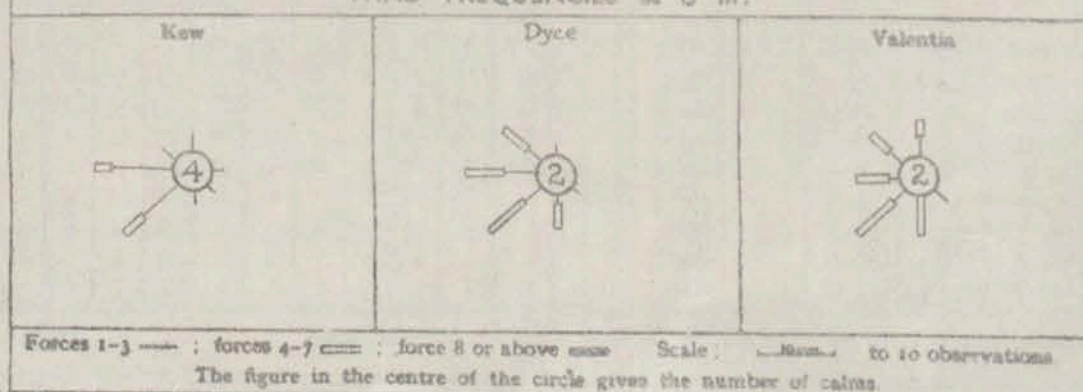
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1022.2	mb. +5.3	°F. 42.7	+2.2
Dyce	1011.9	+2.6	39.4	+2.0
Valentia	1022.2	+8.5	47.1	+2.1

\* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 10 h. daily corrected.  
Temperature—mean of Max. and Min.

WIND FREQUENCIES at 6 hr.



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

	miles.
Kew	6273
Lerwick	15300



District.	
1	Long
1	Cro
1	Ca
1	Lyn
2	Sho
2	Cor
2	Was
3	Bir
4	Ros
5	Fal
7	Hol
8	Hav
10	Tyn
11	Leu
12	Ren
12	Esic
13B	Stor
13	Dye
18	Alde
19	Bir
20	Val

	STAT
	London
	Ross-on-
	Falmouth
	Brentre
	<del>Exeter</del>
	Dyce
	Valentia.
** The e	P Avera
	2 Avera

METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C.2.  
NELSON K. JOHNSON, K.C.B., D.Sc., Director



# SUNSHINE, RAINFALL, AND HUMIDITY

JANUARY,

1949

Page 5

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 hours	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.					First year of record.	Highest.	Year.							Lowest.	Year.	First year of record.	Highest.	Year.	Lowest.			Year.						
		0. trace or 0.1 mm.	0.2-1 mm.	1.1-5 mm.	5.1-15 mm.	15.1-25 mm.	Above 25 mm.	mm.	Date.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.												
1	London (Kew Obsy).	7	16	7	1	0	6.2	27	1547	+78	55	+11	1880	74	1891	16	1885	17	9	4	1	0	0	6	3	478	-128	21	-27	1856	124	1877	11	1892	0	1
1	Croydon	7	16	5	3	0	7.3	29	1796	+271	63	+15	1922	72	1947	23	1945	16	9	5	1	0	0	7	3	592	-87	27	-25	1921	154	1943	27	1949	0	4
1	Calshot **	9	8	8	6	0	7.8	27	2039	+293	87	+22	1881	88	1940	39	1936	21	6	4	0	0	0	5	7	563	-83	17	-35	1871	154	1937	17	1949	1	0
1	Lympne	7	10	9	5	0	7.9	29	1877	+112	86	+28	1921	91	1940	33	1941	17	8	5	1	0	0	11	1	540	-184	31	-25	1920	124	1939	30	1929	2	1
2	Shoeburyness	9	12	8	2	0	6.9	9	1708	-8	68	+11	1919	77	1923	32	1941	22	2	6	1	0	0	7	1	415	-88	22	-12	1920	93	1937	22	1943	0	0
2	Corleston	11	9	7	3	1	9.8	14	1711	+59	78	+11	1908	84	1910	27	1915	19	6	4	2	0	0	11	1	479	-143	21	-14	1871	142	1939	3	1880	0	3
2	Waddington †	7	19	3	2	0	6.5	9	1567	+5	63	+12	1921	69	1932	30	1941	20	5	4	2	0	0	5	7	528	-62	26	-20	1917	109	1943	18	1932	0	2
3	Birmingham (Edgbaston)	10	17	4	0	0	5.8	3	1373	+69	44	0	1887	73	1905	8	1917	18	5	5	3	0	0	8	3	774	+100	35	-16	1893	148	1939	21	1908	0	4
4	Ross-on-Wye	3	23	4	1	0	6.2	3	1636	+151	53	-2	1913	91	1933	34	1921	19	7	3	2	0	0	8	1	695	-22	25	-37	1890	161	1943	7	1898	0	0
5	Falmouth (Observatory)	6	11	9	5	0	7.8	31	1713	+3	83	+23	1881	87	1895	22	1884	19	5	4	3	0	0	10	3	878	-229	32	-75	1871	246	1875	25	1880	0	0
7	Holyhead (Valley)	9	15	6	1	0	7.1	24	1547	-3	39	-12	1914	102	1933	29	1914	13	10	2	6	0	0	11	1	731	-156	60	-14	1871	190	1877	19	1880	0	0
8	Hawarden P	5	16	8	2	0	6.4	24	1558	+182	65	+12	1923	71	1933	33	1941	14	8	3	6	0	0	9	3	564	-74	61	+8	1923	155	1936	31	1929	0	4
10	Tynemouth	*	*	*	*	*	*	*	58	*	*	*	1935	*	*	*	*	21	4	6	0	0	0	5	20	530	-91	22	-29	1915	175	1948	15	1944	0	0
11	Leuchers	6	16	6	3	0	6.6	21	1529	+59	68	+10	1922	84	1931	21	1942	22	4	4	1	0	0	12	6	712	+59	26	-20	1922	124	1928	22	1929	0	1
12	Renfrew	18	10	3	0	0	5.0	4	1211	+21	26	-9	1921	49	1931	9	1940	11	4	10	3	3	0	23	6	1296	+357	118	+33	1921	241	1928	22	1941	0	4
12	Eskdalemuir	15	13	2	1	0	7.0	24	1195	-6	28	-7	1910	81	1945	12	1913	11	4	4	9	1	2	33	6	778	+349	179	+18	1910	394	1928	43	1941	0	7
13	Stornoway	11	20	0	0	0	2.8	24	1224	+9	21	-6	1881	60	1939	12	1907	0	6	11	13	1	0	15	19	1257	+56	154	+7	1870	373	1872	33	1881	0	9
15	Dyce	7	13	10	1	0	6.9	24	1458	+36	75	+23	1881	85	1881	15	1885	16	3	8	4	0	0	9	1	778	-35	49	-10	1871	128	1945	16	1905	0	6
18	Aldergrove	14	13	3	1	0	6.3	24	1299	-27	33	-9	1927	64	1928	24	1944	11	7	8	5	0	0	11	23	819	-19	63	-17	1926	143	1942	31	1935	0	6
19	Birr Castle	10	16	5	0	0	5.1	24	1131	+175	40	-9	1881	91	1897	24	1884	13	10	4	4	0	0	10	23	915	+88	50	-22	1861	179	1948	17	1881	0	0
20	Valentia (Cahiriveen)	11	14	2	4	0	8.1	2	1259	-109	55	+11	1880	128	1881	16	1898	9	3	13	6	0	0	13	1	1326	-88	89	-65	1866	296	1937	27	1935	0	0

\* Extreme values are those for Aberdeen about 6 miles from Dyce.

† Rainfall at Valentia & Birr Castle, measured at 06 & 18h.

\* Extreme values are those for Aberdeen about 6 miles from Dyce.

† Rainfall at Valentia & Birr Castle, measured at 06 & 18h.

MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 21 h.														
No. of Days (MDY. TO MDY.) WITH MINIMA BETWEEN FIXED LIMITS											No. of Days EACH TYPE WAS RECORDED														
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 %	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.			
London (Kew) ...	0	2	7	8	8	6	0	0	0	0	London (Kew)...	0	31	0	0	0	0	0	0	0	0	0	0	0 Dry	
Ross-on-Wye ...	0	0	3	10	16	2	0	0	0	0	Ross-on-Wye ...	0	31	0	0	0	0	0	0	0	0	0	0	1 Moist	
Falmouth(Obsy.)	0	16	11	3	1	0	0	0	0	0	Renfrew ...	0	28	0	0	1	2	0	0	0	0	0	0	2 Wet	
Renfrew ...	4	1	10	10	5	1	0	0	0	0	Eskdalemuir ...	0	19	5	0	0	0	1	6	0	0	0	0	3 Bare and Frozen	
Eskdalemuir ...	0	1	10	6	12	2	0	0	0	0	Dyce ...	2	24	0	0	0	4	0	0	1	0	0	0	4 Glaze on Ground but no ice, slush or snow	
Dyce ...	0	0	5	12	8	6	0	0	0	0	Valentia (at 18h)...	0	29	2	0	0	0	0	0	0	0	0	0	5 Ice, slush or snow covering less than half the ground	
Valentia ...	0	5	11	8	6	1	0	0	0	0														6 Ice, slush or snow covering more than half of ground (but not completely)	
																									7 Ice, slush or snow completely covering ground
																									8 Loose dry snow covering more than half of ground (but not completely)
																									9 Loose Dry snow completely covering ground

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

P Averages and extreme values are those for Sealand about 5 miles from Hawarden.

2 Averages and extreme values are those for Cranwell about 11 miles south of Waddington.

†† 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.

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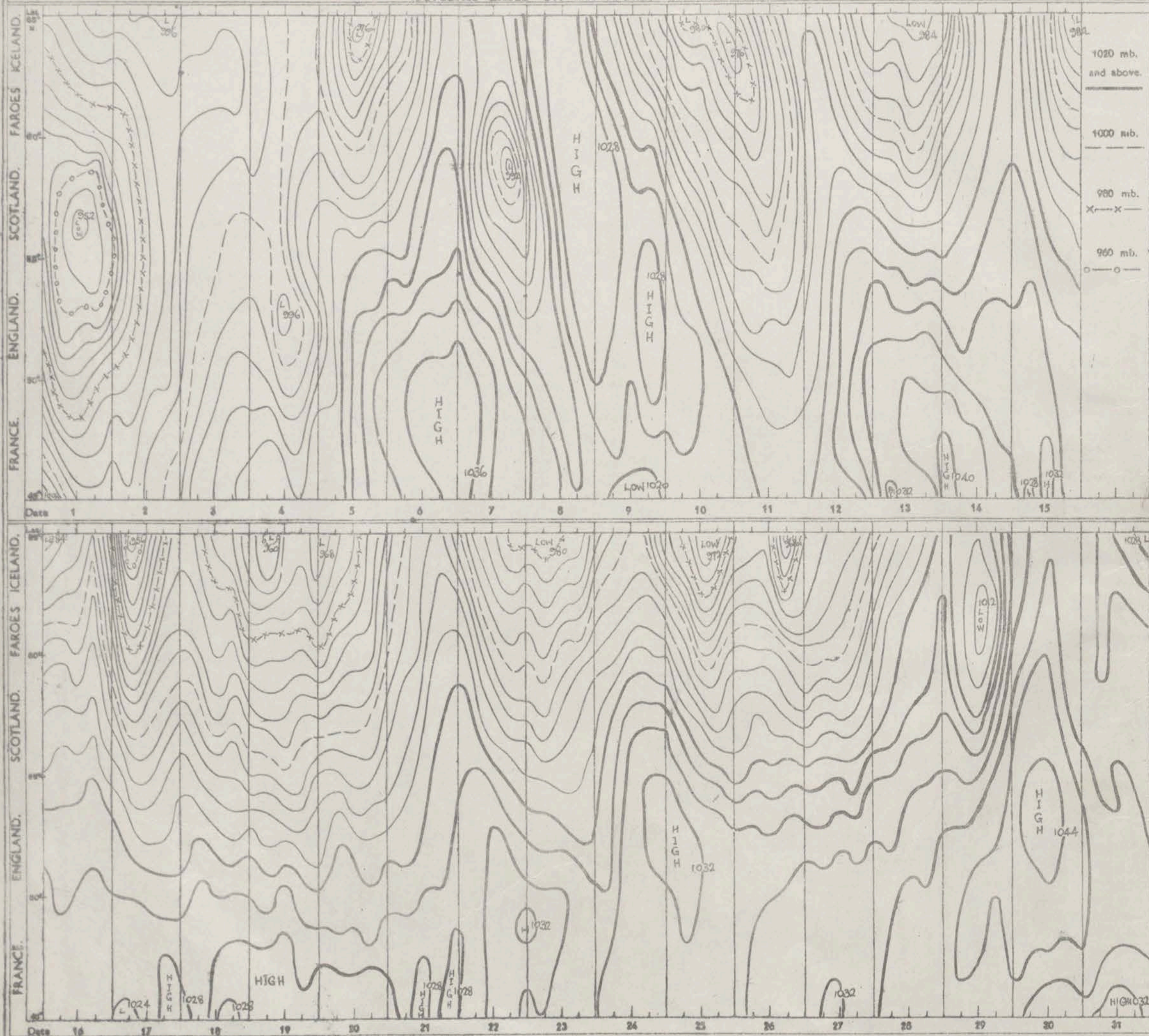


## PRESSURE: ICELAND TO GULF OF LIONS

JANUARY,

1949

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 0h., 6h., 12h. and 18h. 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.

District.	(For h.)
1	Ken Craw S. F. Bosc Calat Tany
2	Lym Man Shoe Felix Goris
3	Milde West Wadd Crant Honi
4	Little Deffe
5	Brist Hart Yeov
6	Portl Exet Plym St. E Liza Guerr
7	Scilly
8	Pemb Pemb Aber
9	Holy Hawa Man Squin Sillo
10	Finn Spur Leem Tyn
11	Ackli St. A Leuc Bell Renf
12	Prea West Eskd Point
13A	Tiroe
13B	Benb Stora Cape
14	Dalw
15	Dyce Rattr Loss Wick
16	Hata Lerw
17	Black
18	Malin Alder
19	Can Birr Collie
20	Rine Vales Midh

0 = Ni  
1 = Tr



BRITISH  
SECTION

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 1st January 1949  
No. 31817

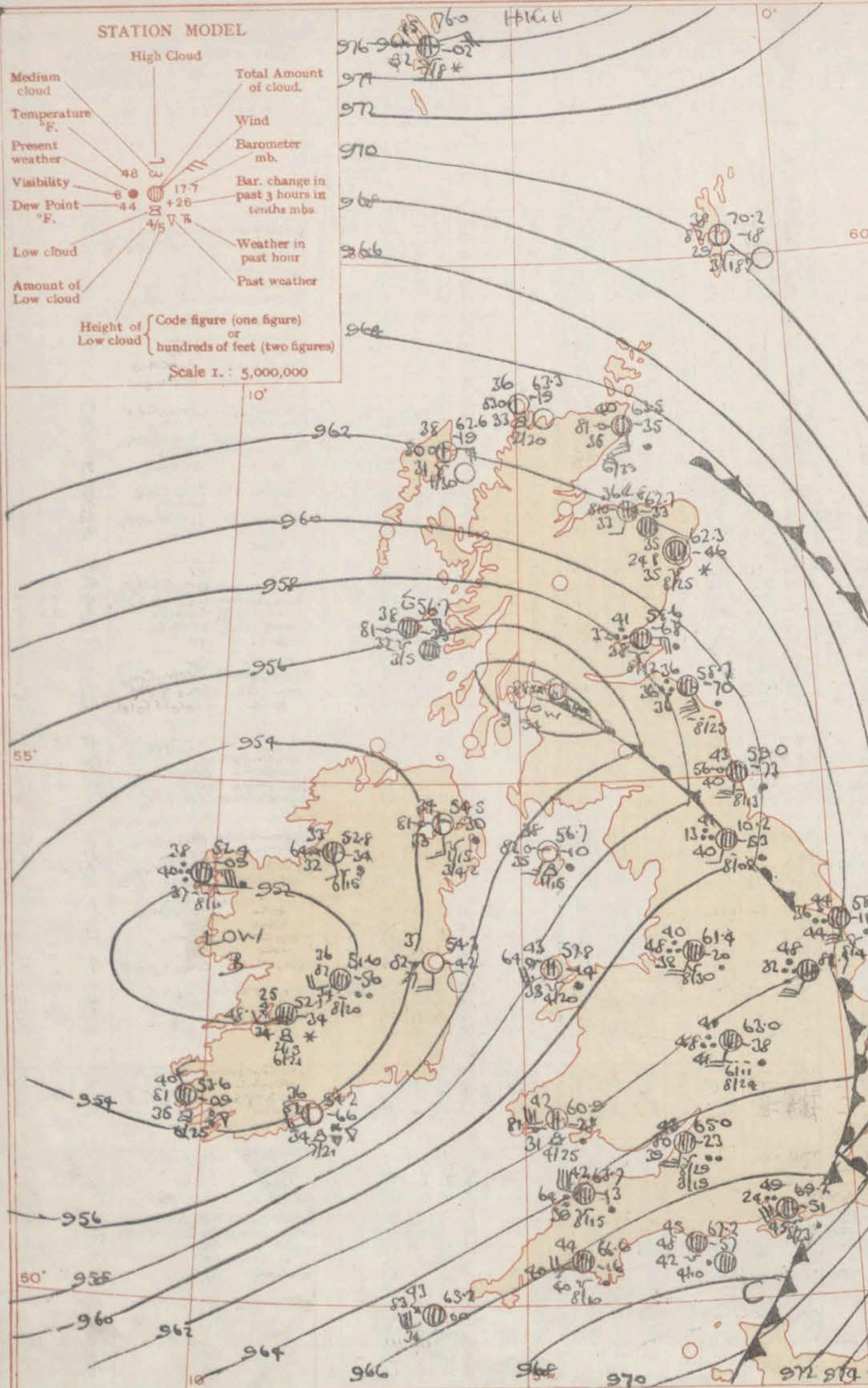
OBSERVATIONS at 12h. G.M.T. 31st December

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

OBSERVATIONS during DAY (31st)

Distance.	STATIONS.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.					Height of Base Hundredths of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.					Height of Base Hundredths of feet.	State of Ground.	Weather.			Max Temp. 24h. (35)	Sun- shine Hrs. (37)	Rain- fall inches (38)																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Dir.	Force.					Form.	Amount.	Total.	Low.	Med.				High.	Dir.					Force.	Form.	Amount.	Total.	Low.			Med.	High.	Dir.				Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.	Amount.	Total.	Low.	Med.	High.	Dir.	Force.	Form.





6h Saturday 1<sup>st</sup> January 1949

**LONDON OBSERVATIONS for yesterday and this morning**  
 Day 09h-15h Kensington, 09h-15h Regents Park, 09h-15h Westminster  
 Day 15h-01h Kensington, 15h-01h Regents Park, 15h-01h Westminster

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yesterday %	To-day %
Kew ...	bcm	bcm	bcm	42	41	41	2	12	4.8	72	89
Croydon ...	bcm	bcm	bcm	42	41	41	3	12	4.8	72	89
Greenwich ...	bcm	bcm	bcm	42	41	33	—	8.9	4.5	75	89
Westminster	.	.	.	50	35	35	11.7	—	—	74	83
Regents Park	.	.	.	49	35	31	—	14.9	—	73	93
Camden Square	o	b	.	36	36	31	—	14.0	—	73	92
Kensington ...	bcm	bcm	.	43	40	4	—	15.2	—	77	93
Hampstead ...	bcm	or	or	41	35	27	1.4	12.5	—	77	86

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
 New 24 hours ended 6h. Max. 0.3 Time 16.20 Min. 0.1 Time 06h.





# GENERAL INFERENCE

A deep depression over Ireland is drifting northeast. There will be showers and bright periods in most districts, the showers being heavy and prolonged in places with local hail and thunder. The showers will fall as sleet or snow on high ground in the north. It will be rather cold or cold in most places and severe gales will occur for a time in the southwest.

# FURTHER OUTLOOK

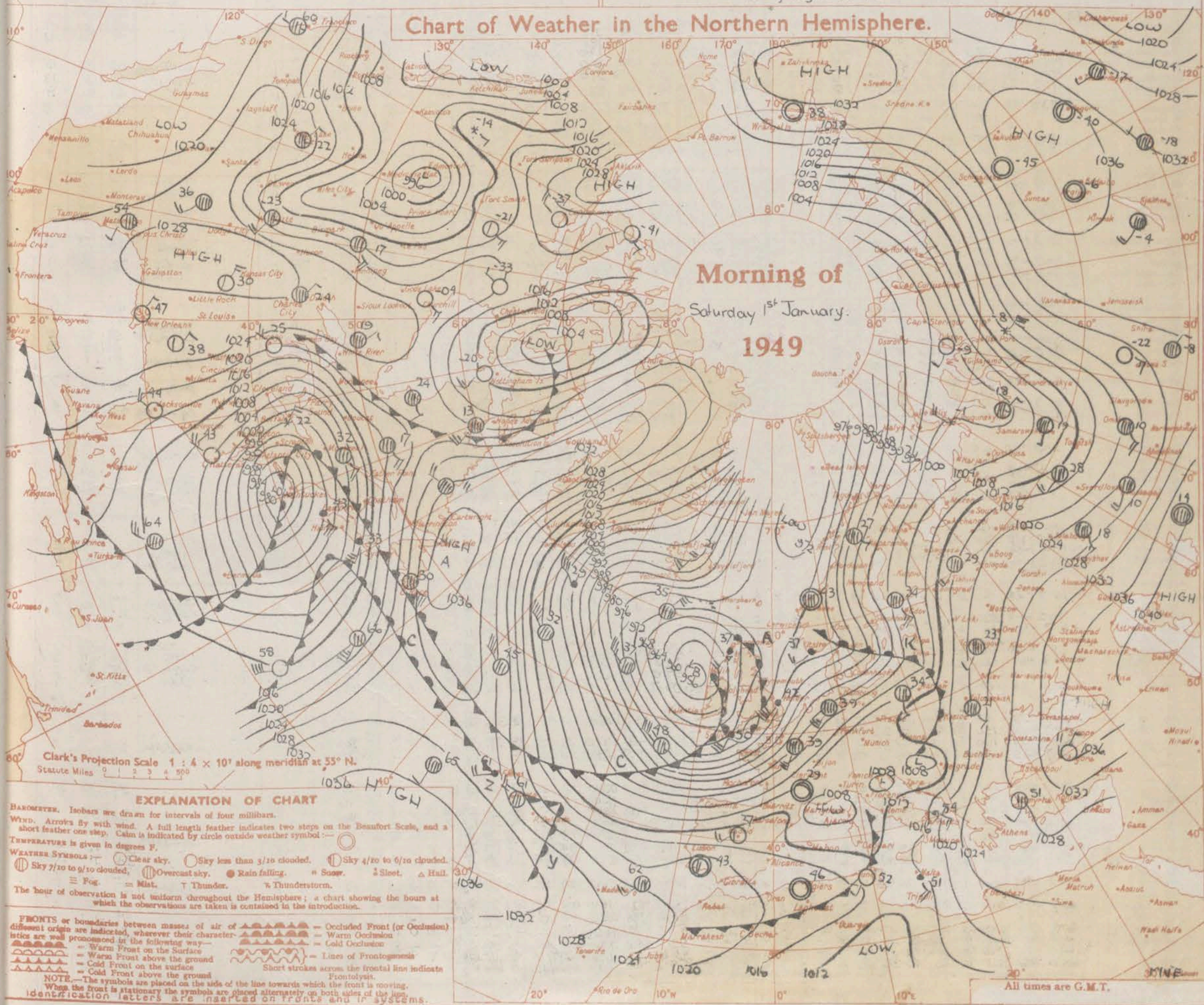
Continuing showery and cold or rather cold.

# Gale Warnings

- South cones are flying on all coasts of Great Britain north and east of a line Aberystwyth to Portsmouth.
- North cones are flying on all coasts of Great Britain south and west of a line Aberystwyth to Portsmouth.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 1<sup>st</sup> January.  
1949





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 1st January 1949

No 31817

OBSERVATIONS at 00hr. G.M.T. 1st January															OBSERVATIONS at 06hr. G.M.T. 1st January															OBSERVATIONS Friday NIGHT				
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					State of Ground.	Weather.	Temperature		Rain			
					Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.	A.	B.			Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.	A.	B.			21h-05h	Min. °F. (41)		Min. on Grass °F. (42)		
																															(1)		(2)	(3)
1	Kew	16													66.5	-41	210	20	rr	47	46	4 1/2	6	-	-	-	-	1			41	41	12	
	Croydon	217			180	19	rr	45	43	3							210	20	rr	47	46	4 1/2	6	-	-	-	-	1						
	S. Farnborough	226			220	14	rr	45	43	3							210	20	rr	47	46	4 1/2	6	-	-	-	-	1						
	Boscombe Down	417	76.4	-20	190	09	rr	45	45	7					66.6	-42	200	13	rr	43	43	6 1/2	6	-	-	-	-	1	crrr Rirm	38	37	13		
	Calshot	8	78.4	-20	200	35	rr	47	45	4					67.5	-43	210	22	RR	47	47	2	7	2	-	-	-	1	crrm oc	41	41	23		
2	Tadworth	53	79.7	-34	230	31	rr	46	44	3					69.2	-43	230	27	rr	49	45	5	5	-	-	-	-	1		43	42	9		
	Lymington	341	83.4	-29	210	29	rr	43	42	6					72.2	-40	210	30	rr	48	43	6	5	-	-	-	-	1		40	40	10		
	Manston	140			190	23	rr	43	41	2							210	26	c/r	49	42	7	5	-	-	-	-	2						
	Shesham	11	81.5	-60	200	24	rr	43	41	2					69.5	+42	200	34	rr	49	42	7	5	-	-	-	-	2		42	40	5		
	Pelham	10	81.7	-67	230	37	rr	42	40	5					69.8	-66	230	37	rr	46	44	10	5	0	0	-	-	2		35		2		
3	Garlestone	5																																
	Mildenhall	13	79.4	-51	170	12	rr	42	40	6					65.9	+38	180	17	rr	49	43	7	5	-	-	-	-	1	crrr oc	38	37	4		
	West Raynham	250	79.5	-63	180	25	rr	40	38	3					65.9	+36	180	25	c/r	49	43	7	5	-	-	-	-	2	crrm oc	36	35	3		
	Waddington	235	75.9	-78	180	18	rr	37	36	7							210	26	rr	47	49	9	7	-	-	-	-	2	crrr oc	32	29	7		
	Grantham	340	78.3	-35	170	19	rr	42	40	6					63.8	-37	190	26	rr	47	49	9	7	-	-	-	-	2	crrr oc	36		4		
4	Honley	427													63.0	-39	200	13	rr	41	41	6	7	-	-	-	-	2						
	Little Rissington	731	74.3	-66	200	25	rr	41	41	7					63.6	-37	200	18	rr	41	40	1 1/2	5	-	-	-	-	1	crrr oc	36	35	10		
	Dafford	58			180	20	rr	46	43	8							210	26	c/r	43	39	2 1/2	5	-	-	-	-	2	crrr oc	38	35	9		
	Bristol	209	73.5	-73	200	23	rr	46	43	9					65.0	-42	200	20	c/r	43	39	2 1/2	5	-	-	-	-	2	crrr oc	38	35	9		
	Hardland Point	309	68.8	-54	230	37	rr	47	45	7					63.7	-42	290	30	rr	42	39	9	5	0	0	-	-	2	crrr oc	38	35	9		
5	Yeovilton	30																																
	Portland Bill	38	77.0	-58	230	57	rr	48	46	6					67.2	-42	260	24	c/r	45	42	6	5	-	-	-	-	2	crrr oc	40		13		
	Exeter	100	73.7	-68	200	13	rr	47	44	8					65.6	-39	230	18	rr	43	38	5	5	-	-	-	-	2	crrr oc	41	35	5		
	Plymouth	86													66.6	-36	250	09	rr	44	40	5	5	-	-	-	-	2	crrr oc	39	40	10		
	St. Eval	345	72.1	-75	200	29	rr	47	47	3					66.6	-39	250	24	c/r	43	33	25	5	0	0	-	-	2	crrr oc	40	37	13		
6	Lizard	240	73.5	-38	230	44	rr	49	49	6					66.9	-41	270	24	c/r	43	36	6	3	0	0	-	-	2	crrr oc	41		10		
	Guernsey	340	80.7	-54	230	30	rr	49	48	6					70.7	-41	230	24	c/r	44	44	6	3	0	0	-	-	2	crrr oc	41		10		
	Scilly, St. Marys	163	70.1	+82	230	40	rr	50	49	7					65.2	+41	250	39	rr	43	34	37	8	0	0	-	-	2	phg	41		7		
	Pembrey	14			190	24	rr	47	45	3							270	10	c	40	35	9	8	0	0	-	-	2	phg	41		7		
	Pembroke	142	66.9	-44	250	30	rr	48	48	6					60.7	+40	280	30	rr	45	35	10	7	-	-	-	-	2	phg	42		4		
7	Aberporth	425	67.8	-75	180	20	rr	46	44	10					60.8	+39	220	15	rr	39	32	1 1/2	5	-	-	-	-	2	phg	42		4		
	Holyhead (Valley)	32	64.8	-90	160	22	rr	44	43	5					57.8	-42	230	19	rr	43	35	9	5	-	-	-	-	1	crrr oc					
	Hawarden	15			160	12	rr	40	37	5					61.6	-39	230	09	c/r	38	35	7	5	-	-	-	-	1	crrr oc					
	Manchester	130	71.3	-68	160	18	rr	40	37	5					61.6	-39	230	09	c/r	38	35	7	5	-	-	-	-	1	crrr oc					
	Squires Gate	33	69.7	-76	130	22	rr	39	37	4					59.5	-39	180	10	rr	40	38	6	5	-	-	-	-	1	crrr oc	36	34	4		
8	Silloth	25	68.5	-47	120	08	c/r	37	36	10					57.4	-34	220	12	rr	41	38	1 1/2	5	-	-	-	-	1	crrr oc	36	32	4		
	Finnigley	38	74.0	-58	160	15	rr	37	34	3					60.3	-32	160	10	rr	40	38	2	5	-	-	-	-	14	crrr oc					
	Spurn Head	29	77.2	-29	180	22	rr	39	38	6					58.5	+35	180	25	rr	44	44	7	4	-	-	-	-	1	crrr oc					
	Leeming	105	72.9	-50	160	12	rr	36	35	12					59.0	+35	200	24	rr	42	40	7	6	-	-	-	-	1	crrr oc	33	33	0.4		
	Tynemouth	108	72.2	-45	230	13	c	37	34	3					59.0	+35	200	24	rr	42	40	7	6	-	-	-	-	1	crrr oc	40	33	4		
9	Acklington	138	62.9	-25	160	24	c/s	34	31	4 1/2					58.7	+29	200	13	rr	40	40	2	5	-	-	-	-	1	crrr oc					



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Sunday 2nd January 1949  
No. 21818

OBSERVATIONS at 12h. G.M.T. 1st January

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

OBSERVATIONS during DAY 1st

NIGHT

Rain

Snow

Fog

Ice

Hail

Sleet

Drizzle

Mist

Fog

Ice

Hail

Sleet

Drizzle

Mist

Fog

Ice

Hail

Sleet

Drizzle

Mist

Fog

Ice

Hail

Sleet

Drizzle

Mist

Fog

Ice

Hail

Sleet

Drizzle

Mist

Fog

Ice

Hail

Sleet

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Fog

Ice

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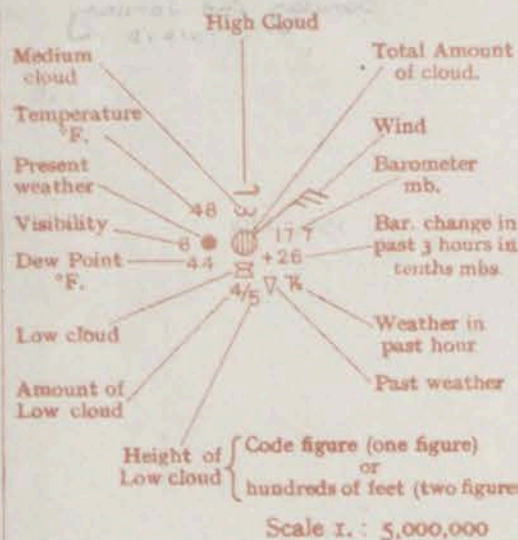
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# STATION MODEL



6h Sunday 2nd January 1949

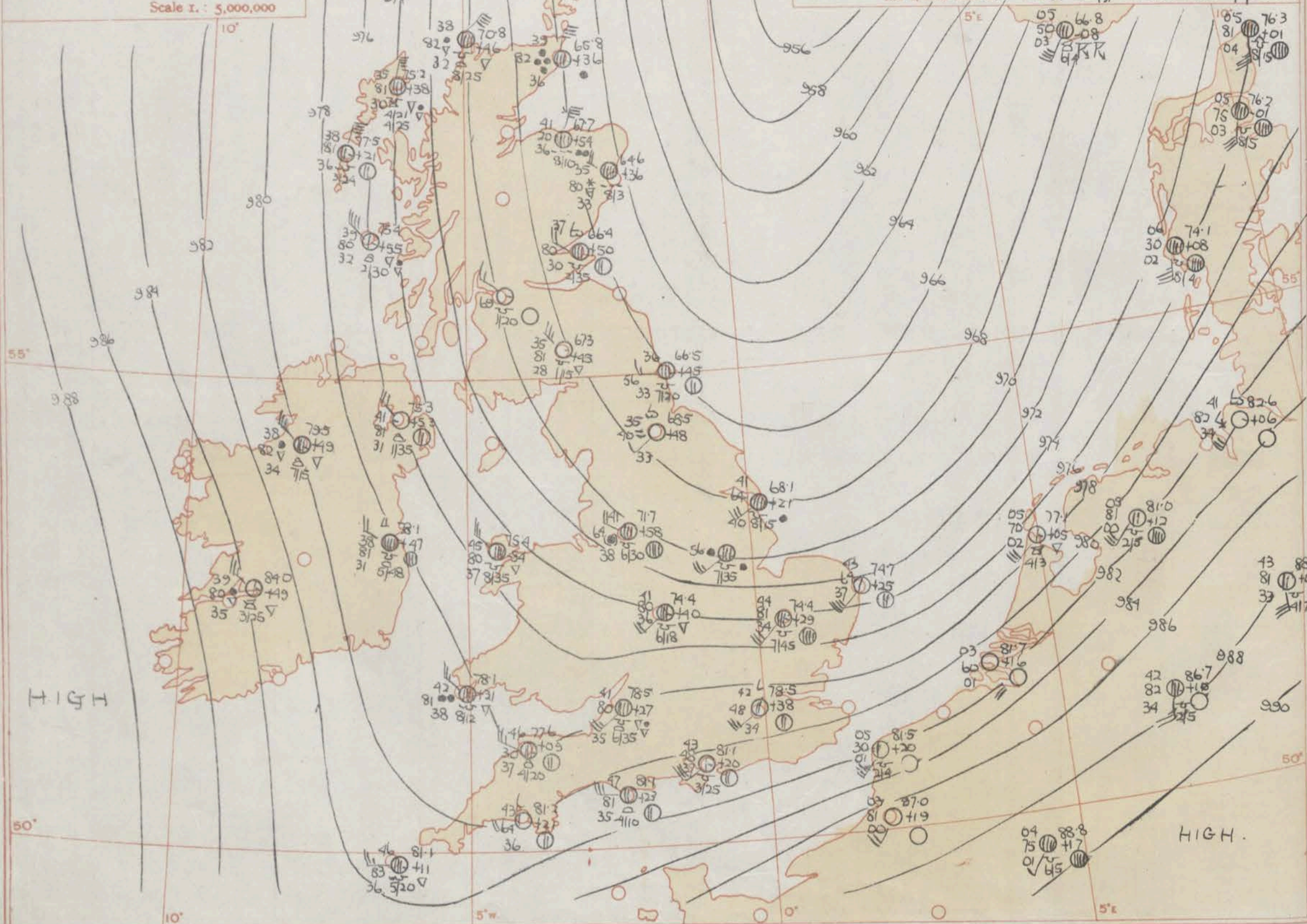
1949

## LONDON OBSERVATIONS for yesterday and this morning

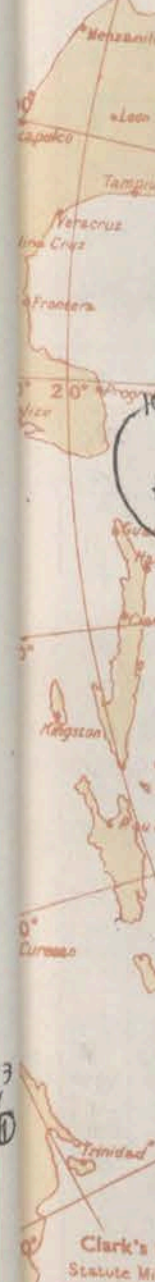
Day 09h-12h Kensington, 09h-12h Regents Park, 09h-12h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Max.	Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew	09-21	21-24	24-21	47	42	38	2	-	1.9	65	69
Croydon	...	...	...	44	41	36	1	-	*	82	68
Greenwich	rbc	rqbc	bbcc	44	38	36	2.0	1.0	1.5	65	69
Westminster	...	...	...	46	39	38	3.3	-	*	72	67
Regents Park	...	...	...	46	40	36	2.3	-	*	72	67
Camden Square	cr	c	...	48	42	-	2.5	TR	*	70	70
Kensington	bc	bc	ba	41	38	36	2.1	-	*	...	...
Hampstead	orbc	bc	ba	41	38	36	2.1	-	*	...	...

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h 2nd. Max. 01 Time 1st. Min. 40-1 Time rest of period.



A cold  
cattered  
ill fall  
other



BAROMETER: Inches  
WIND: Arrow's  
short feather on  
TEMPERATURE: in  
WEATHER SYMBOL  
Sky 7/10 to 9  
The hour of obs  
FRONTS or be  
different origin ar  
istics are well pro  
NOTE: When the  
identifica



# GENERAL INFERENCE

A cold northerly airstream now covers much of the British Isles. Scattered showers will occur in most parts of the country. They will fall as sleet or snow in the North and on high ground in other districts.

# FURTHER OUTLOOK

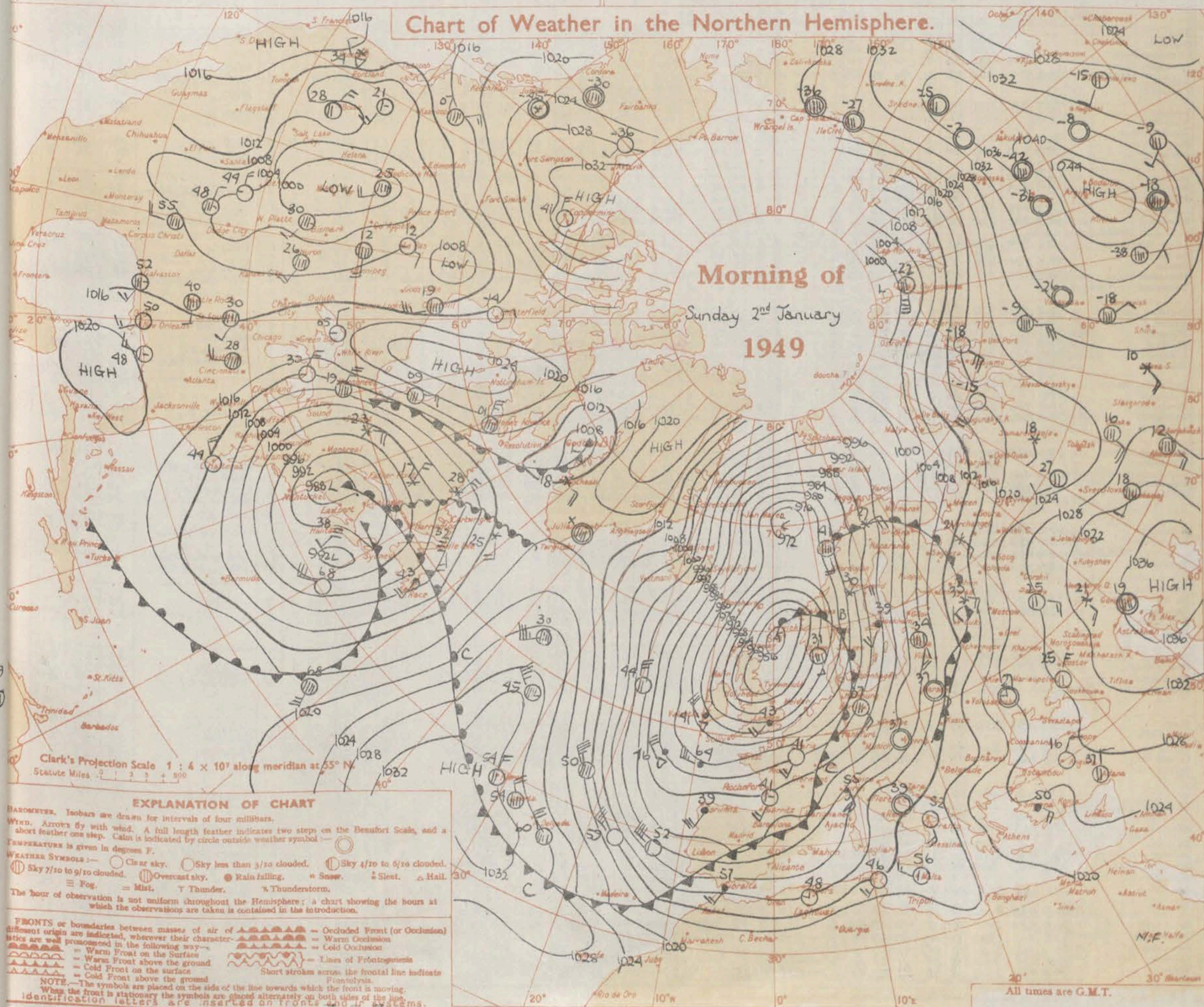
Little general change.

## Gale Warnings:-

- North coasts are flying on all coasts north and west of a line Firth of Forth - Portsmouth, including the Channel Islands.
- South coasts are flying on all coasts south and east of a line Firth of Forth - Portsmouth.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 2<sup>nd</sup> January  
1949





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 2nd January 1949

No. 21818

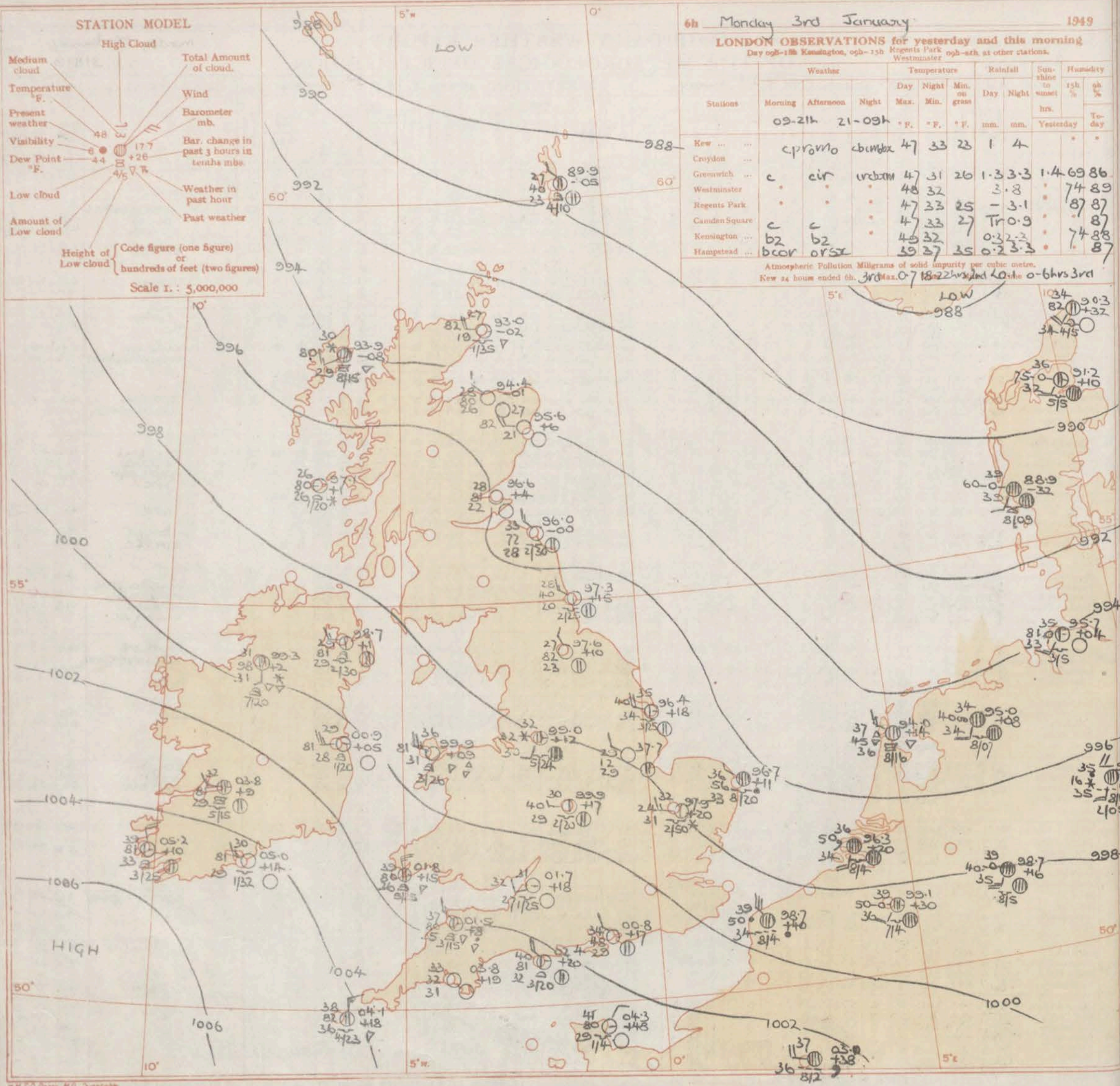
OBSERVATIONS at 00hr. G.M.T. 2nd January															OBSERVATIONS at 06hr. G.M.T. 2nd January															OBSERVATIONS Sunday NIGHT				
District.	STATIONS.	Height above sea level in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.			Height of Base Hundreds of feet.	State of Ground.	Weather.	Temperature		Rain.																
					Dir.	Force.				Form.	Amount.	21h-00h.				Min. on Grass																		
					Low.	Med.				High.	Total.	A.	B.			Min.	Max.																	
1	New Crowdon S. Portsmouth Boscombe Down Calshot Taunton	117 226 417 8 53	74.9 75.9	+34 +34	200 250 230 250	17 18 22 22	b b b b	42 42 41 46	36 37 37 36	8 12 6 12	- - - -	- - - -	- - - -	- - - -	b b c c m o c b c i r o c c p r e p h e l b c b b c 2 o	42 41 38 43 41	38 35 32 38 37	- - Tr 1 0.4																
2	Lymington Manston Shoeburymess Felicitown Corlestone	341 140 11 10 5	76.7 71.9 70.4	18 +28 +22	210 240 230	36 30 34	c/pr b b	41 43 42	39 38 37	14 10 8	- - - -	- - - -	- - - -	- - - -	c a p r b c c b c l b c b c c b e p 6 b c	40 41 41	37 38 38	2 Tr Tr																
3	Mildenhall West Raynham Waddington Grantham Honley	15 250 235 340 427	68.9 67.4 63.2 62.2 67.9	+26 +24 +25 +25 +31	190 210 190 220 220	26 35 32 28 15	b b b b c/r	42 41 38 40 38	34 34 34 36 36	24 6 8 10 6	- - - - -	- - - - -	- - - - -	- - - - -	b e m o c c i r c c r r m o b e c r m o b b c i l c b c c c e r r b e c m e i r c	41 38 38 38	35 35 31 31	Tr 1 - -																
4	Little Risington Dafford	731 58	69.5 72.1	+26 +24	230 230	22 30	b b	39 43	34 36	10 12	- -	- -	- -	- -	b e c i r o b c l p c r o	37 39	34 35	0.1 0.6																
5	Bristol Hartland Point Yeovilton	200 299 30	70.8 70.8	+33 +33	310 310	24 24	b b	43 46	36 36	12 10	- -	- -	- -	- -	b c m b c l p h r c i r o	41	39	0.6																
6	Portland Bill Exeter Plymouth St. Eval Lizard Guernsey	30 100 86 345 340 348	76.2 75.9 77.1 77.3 78.0 80.8	+35 +36 +31 +33 +37 +25	270 220 250 250 290 200	37 29 13 20 23 10	b b b b b c/r	48 42 47 45 42 39	36 34 36 34 37 36	12 1/2 12 1/2 6 25 6 12 1/2	- - - - - -	- - - - - -	- - - - - -	- - - - - -	b c p r o b b c b m o b c b e b p r o b c c l h r b a p r c l c	39 42 41 41	29 34 35 34	Tr - 0.1 4																
7	Scilly, St. Marys	163	72.8	+29	250	26	b	45	35	37	-	-	-	-	c a l b c p r o c	42	32	7																
8	Pembrey Pembroke Aberporth	14 142 425	87.0 71.4 70.3	-37 +36 +42	270 290 250	25 40 20	c b	40 47 42	35 43 36	8 8 10	- - -	- - -	- - -	- - -		42 37	32	7																
9	Holyhead (Valley) Hawarden	33 15	64.6 25.0	+28 10	290 10	35 10	o pr	44 37	40 33	6 6	- -	- -	- -	- -	c p r r o c b e c p c c p r o	40 33	38 32	2 7																
10	Manchester Squires Gate Silloth	230 35 25	64.2 60.9 59.3	+45 +38 +24	200 250 200	15 32 02	b b b	37 40 35	33 36 35	6 4 5	- - -	- - -	- - -	- - -	c o h r f f c c p r m o b c c c b c m o c i d o m o b c	33 39 34	32 36 30	0.3 0.1 0.1																
11	Finnisley Spurn Head Leeming Tynemouth	28 29 105 108	63.1 68.0 60.8 58.5	+46 +32 +38 +23	250 230 180 270	17 30 05 09	b b b b	37 40 37 36	34 36 33 32	2 8 7 4	- - - -	- - - -	- - - -	- - - -	c r o m o p r o b e c 2 o c c c c o r o s o b e c s o s o b c m o b e b e m o	35 34 33	34 29 29	2 0.3 -																
12	Ackington St. Abb's Head Leuchars Bell Rock Renfrew	138 280 31 - 35	57.8 57.6 - - -	+21 +20 - - -	290 280 000 290 000	06 13 0 13 0	b b b b	35 30 30 30	29 29 - - -	34 12 1/2 8 25 160	- - - -	- - - -	- - - -	- - - -	c b c b c b b c	38 28	21	- -																
13	Prentwick West Freugh Rakdalenmair Point of Ayre	30 52 794 30	96.0 60.4 - -	+38 +41 - -	000 310 - 330	0 15 - 19	z b b o	34 37 37 -	33 35 35 -	3 7 7 -	- - - -	- - - -	- - - -	- - - -		30 35 25	29 32 17	0.5 0.3 -																
14	Tiree Benbecula	44 27	65.2 -	+53 -	350 -	37 -	o -	42 -	32 -	6 -	- -	- -	- -	- -	c r s p h r c i r o c p h	32 34	33 31	0.3 0.2																
15	Stormway Cape Wrath Dalwhinnie	12 367 1176	67.2 66.9 -	+36 +66 -	360 090 -	40 44 -	b pr -	40 40 -	35 40 -	7 8 -	- - -	- - -	- - -	- - -	c i r o c p h r p h o s o c	33 33 32	33 33 28	2 6 -																
16	Dyce Rattray Lossiemouth Wick	234 40 21 114	57.4 57.8 59.1	+21 +30 +53	280 180 230 050	05 05 04 05	b b b b	28 30 30 41	24 29 30 30	12 1/2 12 1/2 12 1/2 15	- - - -	- - - -	- - - -	- - - -	c m o r b c b c r r r i c i r o	27 37	16 30	1 4																
17	Haterton Lerwick	45 269	58.5 74.7	+37 +61	240 030	40 29	c/r b	41 37	37 37	6 3	- -	- -	- -	- -	e p h r m o c i p c e r r c e p a d e r	38 32	37 32	9 2.0																
18	Blackod Point Main Head Alder Grove	18 34 244	74.7 - 64.1	+61 - +57	050 - 360	44 - 26	c/pr b b	44 43 35	38 38 35	6 10 10	- - -	- - -	- - -	- - -	r o b m o c p r b c c	35 35	34 32	7 3																
19	Cas. Archdale Burr Castle Collinstown	225 173 220	68.6 70.4 67.8	+55 +32 +47	360 290 270	15 09 20	b b pr	41 40 39	37 39 37	10 12 8	- - -	- - -	- - -	- - -	c r o r o i f o	35 35 34	33 32 32	1 3 3																
20	Rinesana Valentia Midleton	43 30 30	75.7 77.8 74.8	+66 +34 +36	310 340 250	15 15 13	pr pr b	41 41 41	39 38 35	8 8 10	- - -	- - -	- - -	- - -		35 35 39	33 33 38	6 6 5																



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Monday 3<sup>rd</sup> January 1949  
No. 31819OBSERVATIONS at 12h. G.M.T. 2<sup>nd</sup> January.OBSERVATIONS at 18h. G.M.T. 2<sup>nd</sup> January.OBSERVATIONS during DAY (2<sup>nd</sup>)

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility (8)	Cloud.				Height of Base Hundred feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (°F) (21)	Dew Point (°F) (22)	Visibility (23)	Cloud.				Height of Base Hundred feet. (25)	State of Ground. (26)	Weather.				Max. Temp. of day. (°F) (36)	Sun- shine Hrs. (37)	Rain of day. inches. (38)																																																																																																																																																																																																																																																																																																																																																																																																														
				Dir.	Force.					Form.	Amount.	Form.	Amount.				Form.	Amount.				Form.	Amount.	Form.	Amount.																																																																																																																																																																																																																																																																																																																																																																																																																							
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1	Kew Croydon S Farnborough Boscombe Down Calshot Tangmere	85.4 86.0 86.4 86.5	+15 +30 +3 +31	210 240 260 250	12 11 17 14	C C C C	46 46 47 46	35 39 37 40	4 4 10 12	5 7 2 9	7 7 3 6	2 5 5 2	7 5 3 2	5 80 50 15	80.4 80.8 80.6 80.2	+24 +13 +27 +20	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0																																																																																																																																																																																																																																																																																																																																																																																																																
2	Lymington Manston Shoeburyness Felixstowe Gorleston	86.8 84.3 83.1	+27 +36 +25	240 260 230	19 10 23	C C C	46 44 44	42 35 36	12 12 8	2 5 5	2 7 7	2 1 1	7 6 7	5 55 40	80.8 89.3 89.9	0 +24 +22	250 300 250	08 09 06	0 4 4	40 42 42	39 37 39	8 8 4	0 5 5	6 7 8	6 28 28	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -	0 - -





A ridge  
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eastward

Clark's P  
Statute Mi

WIND. Arrows B  
short feather on  
TEMPERATURE in  
WEATHER SYMBOL  
☉ Sky 7/10 to 9  
☁ The hour of obs

FRONTS of bo  
different origin an  
are well pro  
NOTE -  
When the  
identical



# GENERAL INFERENCE

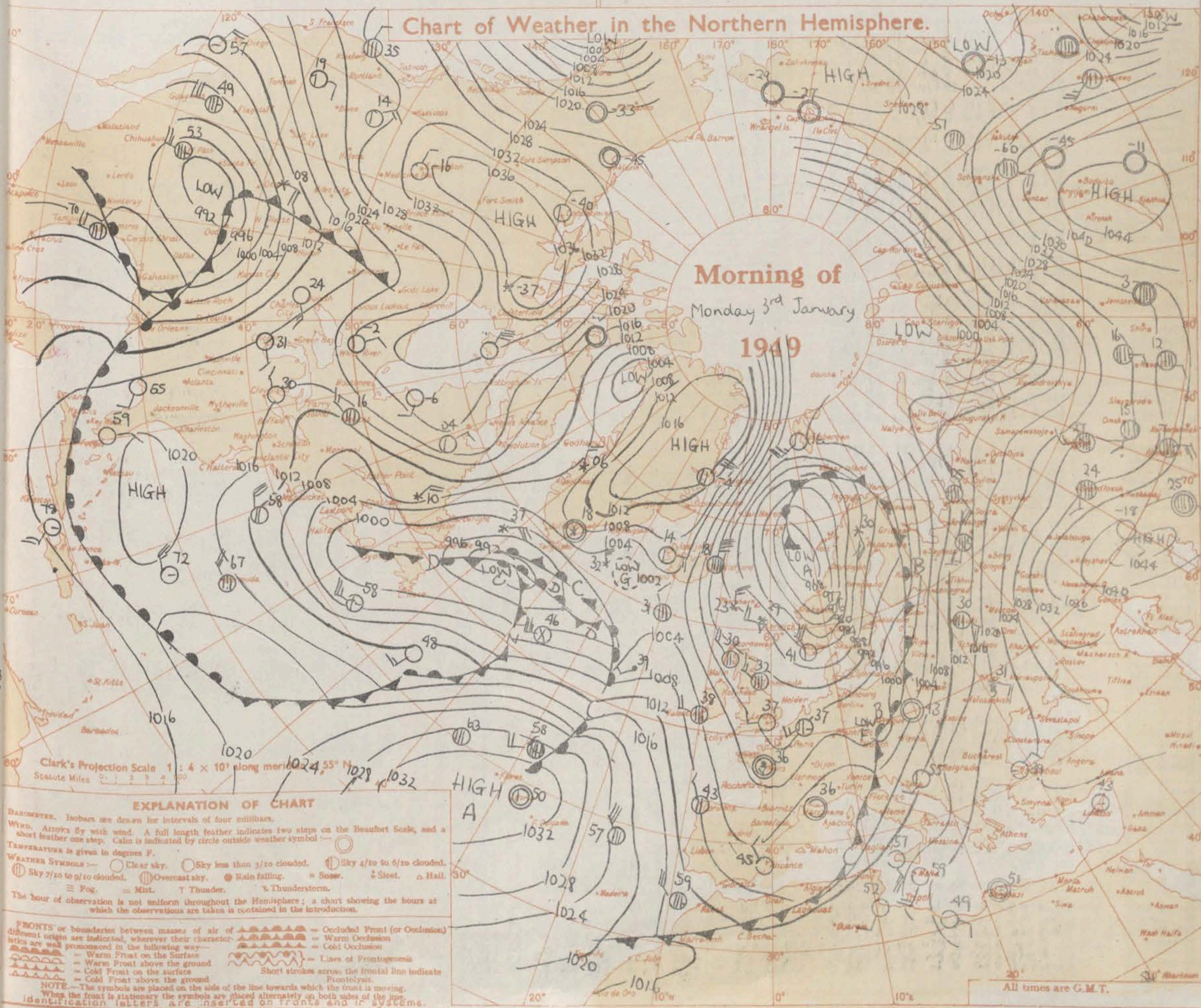
A ridge of high pressure off West Ireland is moving east and a new depression in the Atlantic will move east towards Scotland and deepen. There will be local wintry showers chiefly in the North and West but bright periods will predominate in most Eastern districts. General rain will spread eastward tonight preceded by a slight period of snow in many districts.

# FURTHER OUTLOOK

Milder temporarily with rain at times. Cold weather is likely to return before long especially to northern districts.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 3rd January  
1949





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Monday 3rd January 1949

No. 31819

## OBSERVATIONS at 00hr. G.M.T. 3rd January

## OBSERVATIONS at 06hr. G.M.T. 3rd January

## OBSERVATIONS Sunday NIGHT

OBSERVATIONS at G.M.T. 3rd January																			OBSERVATIONS at 06hr. G.M.T. 3rd January																			OBSERVATIONS Sunday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																															
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.						State of Ground.	Weather.	Temperature			Rain																																																																																																																																																																																																																																																																																																																																																																																																																			
					Dir.	Force.				Low.	Med.	High.	Total.	Dir.	Force.			Low.	Med.				High.	Total.	Min. °F. (41)	Min. on Grass °F. (42)	mm. (43)																																																																																																																																																																																																																																																																																																																																																																																																																										
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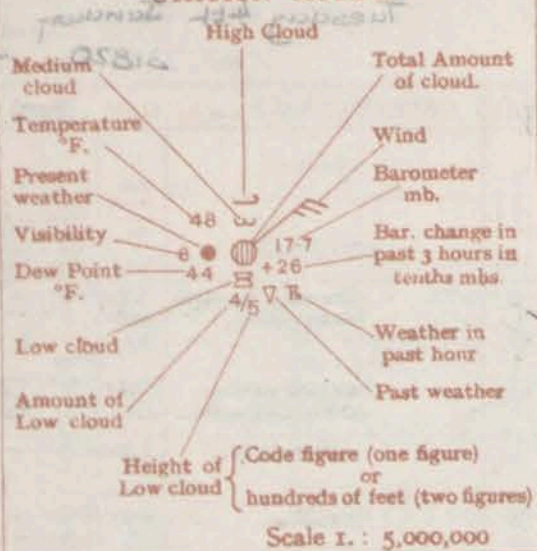
THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS during DAY 3rd

NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C. 1



## STATION MODEL



6h Tuesday 4th January 1949

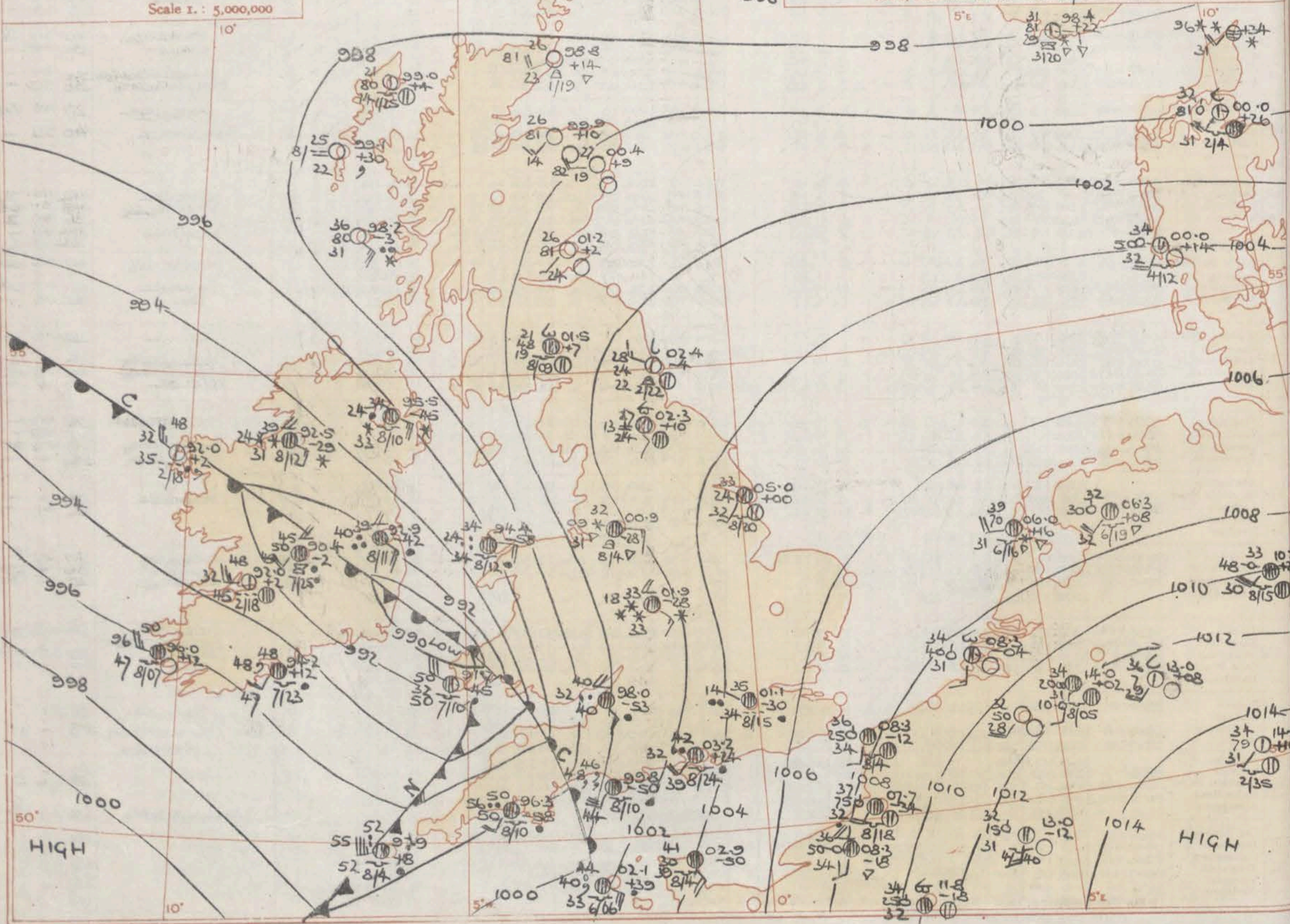
## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Westminister

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity		
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	75h %	9h %	
				Max.	Min.							
				09-21hrs						° F.	° F.	° F.
Kew ...	cbcmbcrv6			38	30	9	-	6	3.4			
Croydon ...	bcmobmo edrr			38	29	25	-	7				
Greenwich ...	bcm cmbmo bxx6			37	29	20	-	4.1	13	80	94	
Westminster				43	31	25	5.1			81	91	
Regents Park				40	35	23	-	6.2		85	93	
Camden Square	c	b		31	28	26	-	6.9			94	
Kensington ...	bc	b		38	30		Tr	5.6		86	96	
Hampstead ...	bc	bcx	ob	32	32	27	-	7.1			98	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h 4th Max. 0.4 7.8hrs ended 0h 4th 6hrs 4th



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# GENERAL INFERENCE

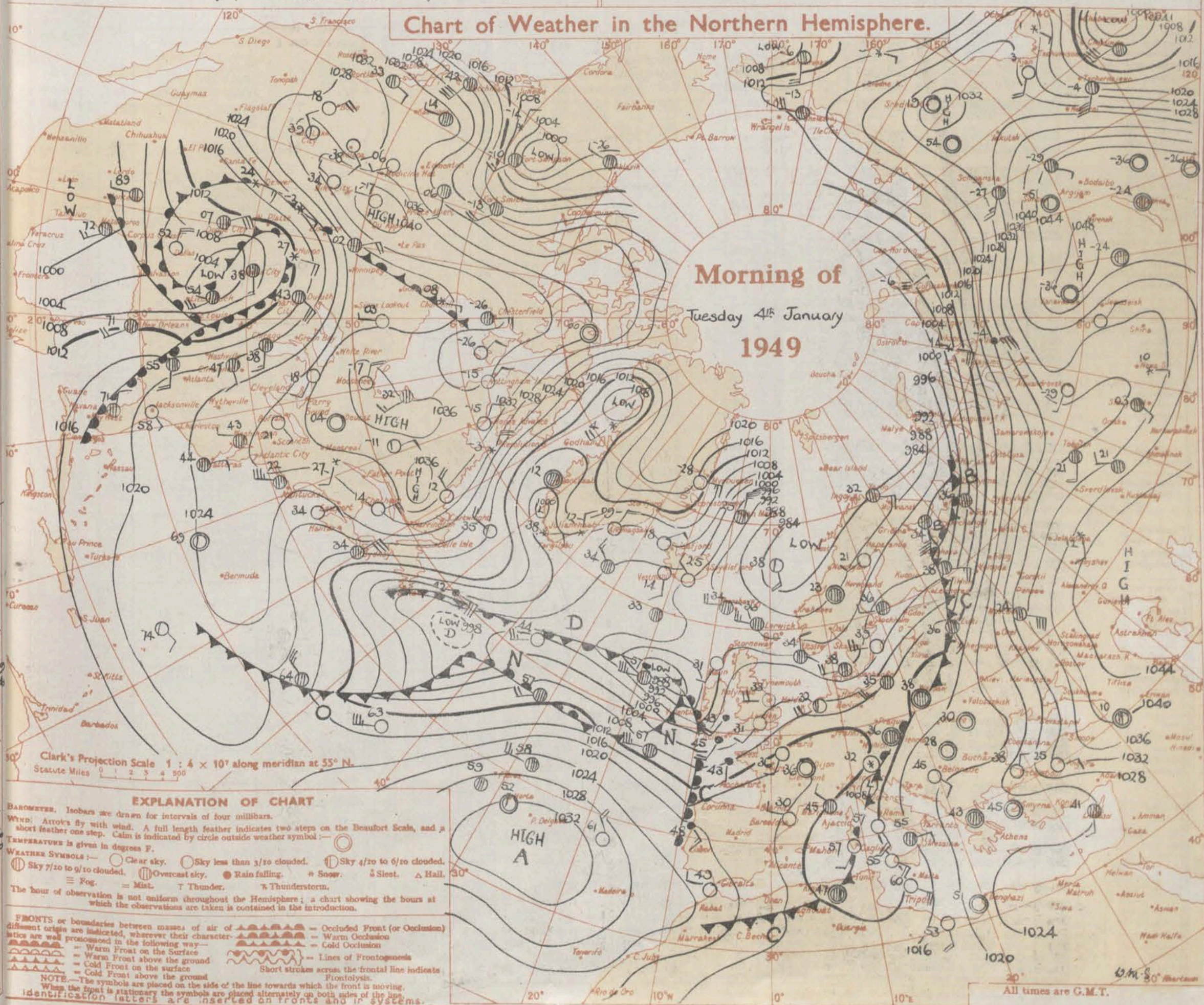
A depression near Northwest Ireland is moving east southeast and becoming less deep. Weather will be temporarily mild in southern districts of England and Wales with occasional rain but it will become colder again tonight. There will be periods of rain over much of the East and West Midlands and East Anglia, with now at times in the North and it will be cold. Farther north in England there will be periods of snow in most places, with moderate falls locally. There will be local snow showers in Scotland, with keen to hard frost tonight. Rain, sleet and snow in Northern Ireland will be followed soon by fair and cold weather with frost to-night.

# FURTHER OUTLOOK

Continuing cold in northern and central districts with snow in some areas. It may become milder temporarily in the South with rain at times

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 4th January  
1949



All times are G.M.T.



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\* Information not usually received.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Wednesday 5th January 1949  
No. 31821

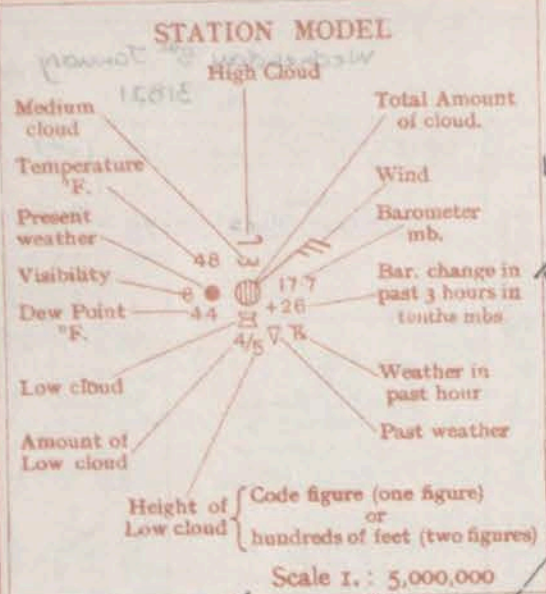
OBSERVATIONS at 12h. G.M.T. 4th January

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

OBSERVATIONS during DAY (4th)

Temperature		Rain	Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind		Cloud		Wind	
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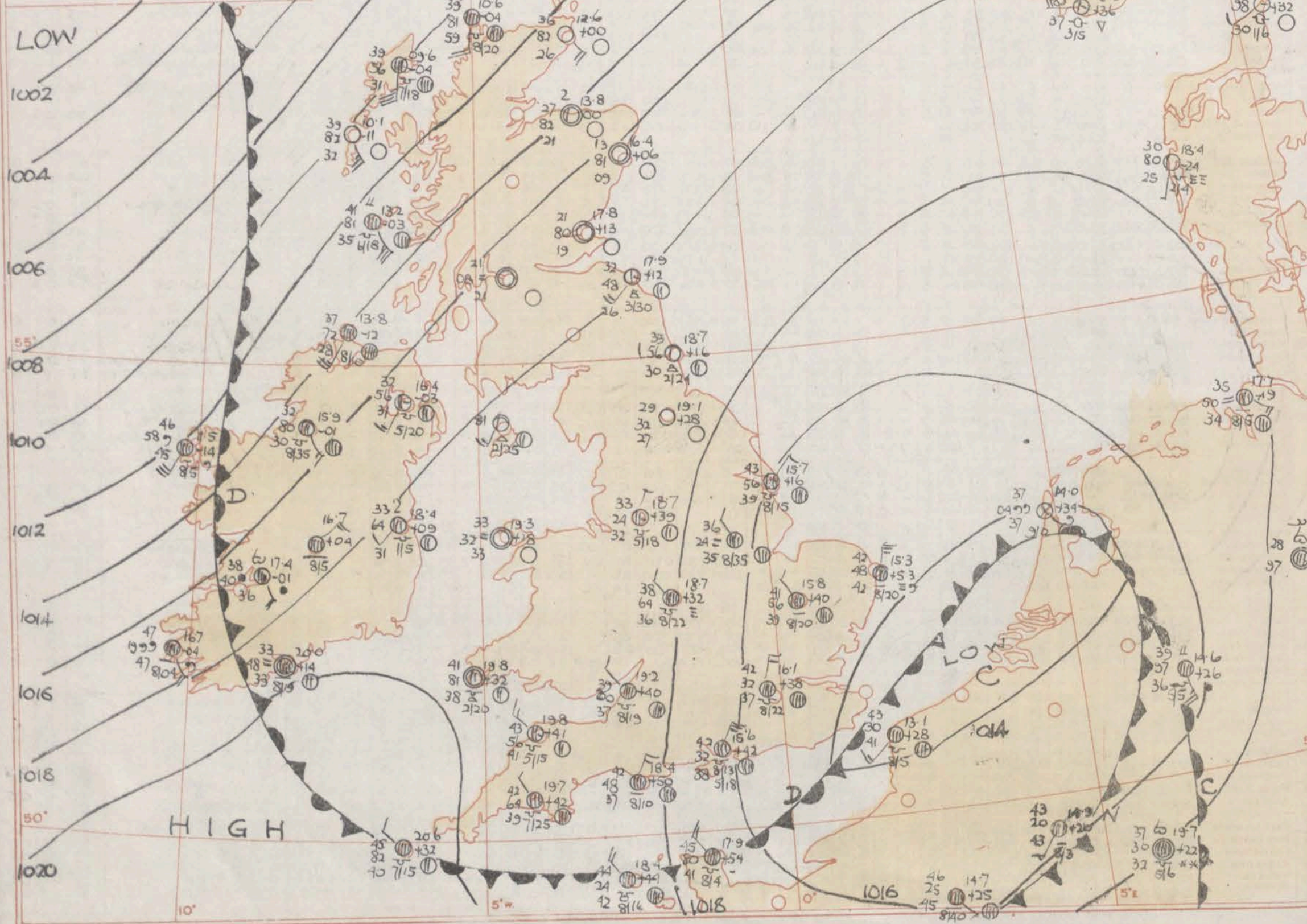
6h Wednesday 5<sup>th</sup> January 1949

**LONDON OBSERVATIONS for yesterday and this morning**

Day 09h-18h Kensington, 09h-18h Regents Park, 09h-18h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning 09-21hrs.	Afternoon 21hrs-03hrs.	Night 03hrs-09hrs.	Day Max.	Night Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	prpr	cp	mo	48	40	39	0.4	0.2	0.0	90	84
Croydon ...	cd	cd	mo	50	39	37	0.5	0.1	*	87	83
Greenwich ...	rd	dc	cp	49	40	38	0.5	0.3	0.0	83	83
Westminster ...	.	.	.	50	40	36	1.0	-	.	83	83
Regents Park ...	.	.	.	49	40	36	0.5	0.3	.	85	85
Camden Square ...	cr	c	.	49	40	36	0.5	0.3	.	84	84
Kensington ...	dc	cp	.	49	40	-	0.8	0.5	.	.	.
Hampstead ...	or	b	or	47	38	37	1.3	0.2	.	.	.

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 0h. 5<sup>th</sup> Max 0.5 Time 4<sup>h</sup> Min 0.1 Time 5<sup>h</sup>



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Humidity	7th	9th
7th	84	83
9th	83	83
To-day	98	85
	84	

16.3	132
11.4	116
17.7	119
28	115
97	115

# GENERAL INFERENCE

A deep depression is centered near Iceland and mild oist air will spread eastwards across the British Isles. There ill be periods of rain in the north, starting locally as snow on gh ground. Fog will occur locally in England today and in the eastern districts tonight. The mild and cloudy or dull conditions with local drizzle will reach southeastern districts tomorrow morning. Weather will be generally cloudy or dull and mild tomorrow with much hill fog and local low-lying fog, some rain the north and local drizzle in the south.

# FURTHER OUTLOOK

Continuing cloudy and mild. Some rain in the far north. Local rain or drizzle elsewhere.

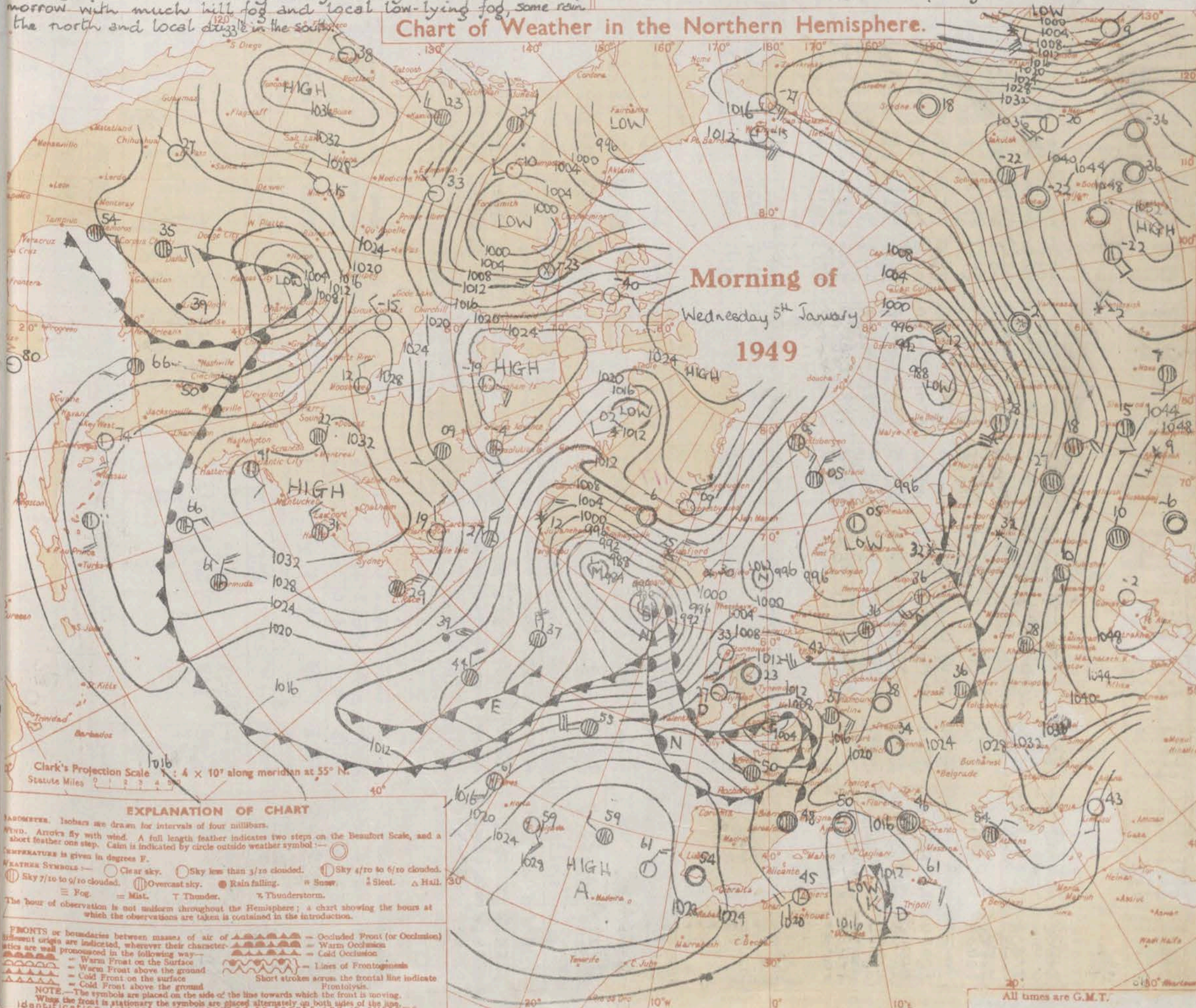
South Coes are flying on coasts Houth to Foyle and Barrow to Whitenhead to Berwick and in Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 5th January

1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 2 4 6 8 10

## 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. — Thunder. — Thunderstorm.

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.

**FRONTS** or boundaries between masses of air of different origins are indicated, wherever their characteristics are well pronounced in the following way:  
— Warm Front on the surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.

**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



OBSERVATIONS at 00hr. G.M.T. 5 <sup>th</sup> January															OBSERVATIONS at 06hr. G.M.T. 5 <sup>th</sup> January															OBSERVATIONS Tuesday NIGHT				
Distances.	Stations.	Height above sea level in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	State of Ground.	Weather.	Temperature		Rain.					
					Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.					Min. °F. (41)	Min. on Grass °F. (42)						
																												Min. (43)		Max. (44)				
1	Kew	16	—	—	—	—	—	—	—	—	—	—	16.5	+47	360	11	0	42	37	20	5	—	—	—	—	—	40	39	0.2					
	Croydon	217	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	S. Farnborough	226	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	Boscombe Down	417	07.6	+39	350	13	0	43	41	40	5	—	18.4	+47	330	7	0	40	37	40	5	—	—	—	—	—	38	37	TR					
	Calshot	8	07.2	+32	280	8	C	47	44	80	5	—	17.0	+39	290	12	0	42	39	64	5	—	—	—	—	—	41	41	—					
	Tangmere	53	06.6	+29	310	8	bc	45	43	24	5	—	15.6	+42	20	17	C	42	38	32	5	—	—	—	—	—	40	38	—					
	Lymington	341	05.7	+24	280	8	0	45	45	32	5	—	13.6	+34	10	9	do	40	40	16	6	—	—	—	—	—	38	36	0.1					
	Manston	140	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
3	Shoeburyness	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	Felixstowe	10	05.5	+36	240	8	0	42	42	16	5	—	13.8	+40	010	14	C	41	40	40	7	—	—	—	—	—	38	37	0.2					
	Corlieston	5	05.6	+39	270	8	0	40	40	2	—	—	13.3	+53	360	19	do	42	42	48	6	—	—	—	—	—	39	35	TR					
	Mildenhall	15	06.3	+40	290	2	0	43	43	1	—	—	15.8	+40	350	04	do	41	39	36	6	—	—	—	—	—	36	36	0.2					
	West Raynham	250	06.2	+45	20	12	0	38	38	86	—	—	15.0	+45	020	15	C	41	38	12	5	—	—	—	—	—	36	35	0.3					
	Waddington	235	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
3	Grantham	340	07.2	+47	260	9	0	40	40	3	—	—	16.7	+36	010	09	Z	39	36	32	5	—	—	—	—	—	36	35	0.3					
	Honiley	427	05.6	+52	260	10	0	37	37	3	—	—	18.7	+32	340	07	C	38	36	64	5	—	—	—	—	—	33	30	—					
4	Little Rissington	731	07.3	+51	20	13	0	40	40	36	—	—	18.2	+43	020	15	0	38	36	24	6	—	—	—	—	—	35	35	0.3					
	Dafford	58	09.2	+60	20	10	0	40	40	37	—	—	19.2	+40	290	06	Z	39	37	20	5	—	—	—	—	—	39	34	0.1					
5	Bristol	200	10.9	+56	340	19	0	44	42	56	—	—	19.8	+41	340	09	bc	43	41	56	5	—	—	—	—	—	—	—	—					
	Hartland Point	209	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	Yeovilton	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	Portland Bill	98	07.9	+27	290	13	C	49	45	81	6	—	18.4	+50	010	03	Z	42	37	48	6	—	—	—	—	—	41	30	0.2					
	Exeter	100	09.9	+52	310	25	0	44	43	64	—	—	19.7	+48	360	04	bc	41	37	48	5	—	—	—	—	—	37	30	TR					
	Plymouth	86	10.3	+45	340	15	0	46	41	24	—	—	19.7	+42	340	03	C	42	39	64	5	—	—	—	—	—	38	30	—					
	St. Eval	345	10.5	+57	340	25	0	45	40	30	—	—	20.5	+37	360	08	Z	42	39	48	6	—	—	—	—	—	39	33	TR					
	Lizard	240	09.4	+42	330	14	0	47	43	36	—	—	19.8	+40	—	0	bc	42	44	64	5	—	—	—	—	—	40	40	—					
	Guernsey	348	09.4	+42	330	14	0	47	43	36	—	—	18.4	+44	330	15	Z	44	42	24	8	—	—	—	—	—	43	40	—					
6	Scilly, St. Marys	163	12.1	+45	310	24	C	47	43	82	5	—	20.6	+32	310	07	C	45	40	82	5	—	—	—	—	—	44	30	0.2					
	Pembrey	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	Pembroke	142	11.9	+58	20	22	C	44	39	64	—	—	19.8	+23	—	0	b	41	38	80	8	—	—	—	—	—	40	24	TR					
	Aberporth	425	13.1	+68	260	10	0	40	36	16	5	—	19.7	+27	—	0	b	35	35	80	—	—	—	—	—	—	33	24	TR					
7	Holyhead (Valley)	34	14.3	+59	260	7	0	42	39	32	5	—	19.3	+18	—	0	b	33	33	32	—	—	—	—	—	—	31	27	—					
	Hawarden	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
8	Manchester	230	11.8	+56	360	15	0	37	36	40	—	—	19.7	+39	020	04	bc	33	32	24	5	—	—	—	—	—	27	23	—					
	Squires Gate	33	12.5	+45	360	15	0	38	33	32	—	—	18.8	+23	—	0	b	28	27	24	—	—	—	—	—	—	26	21	—					
	Silloth	43	13.9	+48	50	—	2	28	28	40	—	—	18.3	+15	080	07	b	35	21	56	—	—	—	—	—	—	25	24	—					
9	Finningley	28	09.9	+44	360	10	b	37	35	64	—	—	17.6	+25	360	10	b	36	32	56	—	—	—	—	—	—	32	25	—					
10	Spurn Head	29	08.3	+45	—	—	0	41	36	5	—	—	15.7	+16	050	05	C	43	39	56	5	—	—	—	—	—	32	20	6					
	Leeming	105	12.2	+45	260	2	0	36	34	40	5	—	19.1	+28	—	0	b	29	27	32	—	—	—	—	—	—	29	22	—					
	Tynemouth	108	13.3	+35	20	9	bc	41	29	81	2	—	18.7	+16	270	05	b	33	30	56	2	—	—	—	—	—	30	—	—					



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Thursday 6<sup>th</sup> January 1949

No. 31822

OBSERVATIONS at 12h. G.M.T. 5<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 5<sup>th</sup> JanuaryOBSERVATIONS during DAY (5<sup>th</sup>)

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F.) (6)	Dew Point (°F.) (7)	Visibility (8)	Cloud.				Height of Base Hundred feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (°F.) (22)	Dew Point. (°F.) (23)	Visibility. (24)	Cloud.				Height of Base Hundred feet. (27)	Barom. at M.S.L. (29)	Change in 3 hours. (30)	Wind.		Weather. (33)	Temp. (°F.) (34)	Dew Point. (°F.) (35)	Visibility. (36)	Cloud.				Height of Base Hundred feet. (39)	Barom. at M.S.L. (41)	Change in 3 hours. (42)	Wind.		Weather. (45)	Temp. (°F.) (46)	Dew Point. (°F.) (47)	Visibility. (48)	Cloud.				Height of Base Hundred feet. (51)	Barom. at M.S.L. (53)	Change in 3 hours. (54)	Wind.		Weather. (57)	Temp. (°F.) (58)	Dew Point. (°F.) (59)	Visibility. (60)	Cloud.				Height of Base Hundred feet. (63)	Barom. at M.S.L. (65)	Change in 3 hours. (66)	Wind.		Weather. (69)	Temp. (°F.) (70)	Dew Point. (°F.) (71)	Visibility. (72)	Cloud.				Height of Base Hundred feet. (75)	Barom. at M.S.L. (77)	Change in 3 hours. (78)	Wind.		Weather. (81)	Temp. (°F.) (82)	Dew Point. (°F.) (83)	Visibility. (84)	Cloud.				Height of Base Hundred feet. (87)	Barom. at M.S.L. (89)	Change in 3 hours. (90)	Wind.		Weather. (93)	Temp. (°F.) (94)	Dew Point. (°F.) (95)	Visibility. (96)	Cloud.				Height of Base Hundred feet. (99)	Barom. at M.S.L. (101)	Change in 3 hours. (102)	Wind.		Weather. (105)	Temp. (°F.) (106)	Dew Point. (°F.) (107)	Visibility. (108)	Cloud.				Height of Base Hundred feet. (111)	Barom. at M.S.L. (113)	Change in 3 hours. (114)	Wind.		Weather. (117)	Temp. (°F.) (118)	Dew Point. (°F.) (119)	Visibility. (120)	Cloud.				Height of Base Hundred feet. (123)	Barom. at M.S.L. (125)	Change in 3 hours. (126)	Wind.		Weather. (129)	Temp. (°F.) (130)	Dew Point. (°F.) (131)	Visibility. (132)	Cloud.				Height of Base Hundred feet. (135)	Barom. at M.S.L. (137)	Change in 3 hours. (138)	Wind.		Weather. (141)	Temp. (°F.) (142)	Dew Point. (°F.) (143)	Visibility. (144)	Cloud.				Height of Base Hundred feet. (147)	Barom. at M.S.L. (149)	Change in 3 hours. (150)	Wind.		Weather. (153)	Temp. (°F.) (154)	Dew Point. (°F.) (155)	Visibility. (156)	Cloud.				Height of Base Hundred feet. (159)	Barom. at M.S.L. (161)	Change in 3 hours. (162)	Wind.		Weather. (165)	Temp. (°F.) (166)	Dew Point. (°F.) (167)	Visibility. (168)	Cloud.				Height of Base Hundred feet. (171)	Barom. at M.S.L. (173)	Change in 3 hours. (174)	Wind.		Weather. (177)	Temp. (°F.) (178)	Dew Point. (°F.) (179)	Visibility. (180)	Cloud.				Height of Base Hundred feet. (183)	Barom. at M.S.L. (185)	Change in 3 hours. (186)	Wind.		Weather. (189)	Temp. (°F.) (190)	Dew Point. (°F.) (191)	Visibility. (192)	Cloud.				Height of Base Hundred feet. (195)	Barom. at M.S.L. (197)	Change in 3 hours. (198)	Wind.		Weather. (201)	Temp. (°F.) (202)	Dew Point. (°F.) (203)	Visibility. (204)	Cloud.				Height of Base Hundred feet. (207)	Barom. at M.S.L. (209)	Change in 3 hours. (210)	Wind.		Weather. (213)	Temp. (°F.) (214)	Dew Point. (°F.) (215)	Visibility. (216)	Cloud.				Height of Base Hundred feet. (219)	Barom. at M.S.L. (221)	Change in 3 hours. (222)	Wind.		Weather. (225)	Temp. (°F.) (226)	Dew Point. (°F.) (227)	Visibility. (228)	Cloud.				Height of Base Hundred feet. (231)	Barom. at M.S.L. (233)	Change in 3 hours. (234)	Wind.		Weather. (237)	Temp. (°F.) (238)	Dew Point. (°F.) (239)	Visibility. (240)	Cloud.				Height of Base Hundred feet. (243)	Barom. at M.S.L. (245)	Change in 3 hours. (246)	Wind.		Weather. (249)	Temp. (°F.) (250)	Dew Point. (°F.) (251)	Visibility. (252)	Cloud.				Height of Base Hundred feet. (255)	Barom. at M.S.L. (257)	Change in 3 hours. (258)	Wind.		Weather. (261)	Temp. (°F.) (262)	Dew Point. (°F.) (263)	Visibility. (264)	Cloud.				Height of Base Hundred feet. (267)	Barom. at M.S.L. (269)	Change in 3 hours. (270)	Wind.		Weather. (273)	Temp. (°F.) (274)	Dew Point. (°F.) (275)	Visibility. (276)	Cloud.				Height of Base Hundred feet. (279)	Barom. at M.S.L. (281)	Change in 3 hours. (282)	Wind.		Weather. (285)	Temp. (°F.) (286)	Dew Point. (°F.) (287)	Visibility. (288)	Cloud.				Height of Base Hundred feet. (291)	Barom. at M.S.L. (293)	Change in 3 hours. (294)	Wind.		Weather. (297)	Temp. (°F.) (298)	Dew Point. (°F.) (299)	Visibility. (300)	Cloud.				Height of Base Hundred feet. (303)	Barom. at M.S.L. (305)	Change in 3 hours. (306)	Wind.		Weather. (309)	Temp. (°F.) (310)	Dew Point. (°F.) (311)	Visibility. (312)	Cloud.				Height of Base Hundred feet. (315)	Barom. at M.S.L. (317)	Change in 3 hours. (318)	Wind.		Weather. (321)	Temp. (°F.) (322)	Dew Point. (°F.) (323)	Visibility. (324)	Cloud.				Height of Base Hundred feet. (327)	Barom. at M.S.L. (329)	Change in 3 hours. (330)	Wind.		Weather. (333)	Temp. (°F.) (334)	Dew Point. (°F.) (335)	Visibility. (336)	Cloud.				Height of Base Hundred feet. (339)	Barom. at M.S.L. (341)	Change in 3 hours. (342)	Wind.		Weather. (345)	Temp. (°F.) (346)	Dew Point. (°F.) (347)	Visibility. (348)	Cloud.				Height of Base Hundred feet. (351)	Barom. at M.S.L. (353)	Change in 3 hours. (354)	Wind.		Weather. (357)	Temp. (°F.) (358)	Dew Point. (°F.) (359)	Visibility. (360)	Cloud.				Height of Base Hundred feet. (363)	Barom. at M.S.L. (365)	Change in 3 hours. (366)	Wind.		Weather. (369)	Temp. (°F.) (370)	Dew Point. (°F.) (371)	Visibility. (372)	Cloud.				Height of Base Hundred feet. (375)	Barom. at M.S.L. (377)	Change in 3 hours. (378)	Wind.		Weather. (381)	Temp. (°F.) (382)	Dew Point. (°F.) (383)	Visibility. (384)	Cloud.				Height of Base Hundred feet. (387)	Barom. at M.S.L. (389)	Change in 3 hours. (390)	Wind.		Weather. (393)	Temp. (°F.) (394)	Dew Point. (°F.) (395)	Visibility. (396)	Cloud.				Height of Base Hundred feet. (399)	Barom. at M.S.L. (401)	Change in 3 hours. (402)	Wind.		Weather. (405)	Temp. (°F.) (406)	Dew Point. (°F.) (407)	Visibility. (408)	Cloud.				Height of Base Hundred feet. (411)	Barom. at M.S.L. (413)	Change in 3 hours. (414)	Wind.		Weather. (417)	Temp. (°F.) (418)	Dew Point. (°F.) (419)	Visibility. (420)	Cloud.				Height of Base Hundred feet. (423)	Barom. at M.S.L. (425)	Change in 3 hours. (426)	Wind.		Weather. (429)	Temp. (°F.) (430)	Dew Point. (°F.) (431)	Visibility. (432)	Cloud.				Height of Base Hundred feet. (427)	Barom. at M.S.L. (429)	Change in 3 hours. (430)	Wind.		Weather. (433)	Temp. (°F.) (434)	Dew Point. (°F.) (435)	Visibility. (436)	Cloud.				Height of Base Hundred feet. (431)	Barom. at M.S.L. (433)	Change in 3 hours. (434)	Wind.		Weather. (437)	Temp. (°F.) (438)	Dew Point. (°F.) (439)	Visibility. (440)	Cloud.				Height of Base Hundred feet. (435)	Barom. at M.S.L. (437)	Change in 3 hours. (438)	Wind.		Weather. (441)	Temp. (°F.) (442)	Dew Point. (°F.) (443)	Visibility. (444)	Cloud.				Height of Base Hundred feet. (439)	Barom. at M.S.L. (439)	Change in 3 hours. (440)	Wind.		Weather. (445)	Temp. (°F.) (446)	Dew Point. (°F.) (447)	Visibility. (448)	Cloud.				Height of Base Hundred feet. (443)	Barom. at M.S.L. (445)	Change in 3 hours. (446)	Wind.		Weather. (449)	Temp. (°F.) (450)	Dew Point. (°F.) (451)	Visibility. (452)	Cloud.				Height of Base Hundred feet. (447)	Barom. at M.S.L. (449)	Change in 3 hours. (450)	Wind.		Weather. (453)	Temp. (°F.) (454)	Dew Point. (°F.) (455)	Visibility. (456)	Cloud.				Height of Base Hundred feet. (451)	Barom. at M.S.L. (453)	Change in 3 hours. (454)	Wind.		Weather. (457)	Temp. (°F.) (458)	Dew Point. (°F.) (459)	Visibility. (460)	Cloud.				Height of Base Hundred feet. (455)	Barom. at M.S.L. (457)	Change in 3 hours. (458)	Wind.		Weather. (461)	Temp. (°F.) (462)	Dew Point. (°F.) (463)	Visibility. (464)	Cloud.				Height of Base Hundred feet. (459)	Barom. at M.S.L. (461)	Change in 3 hours. (462)	Wind.		Weather. (465)	Temp. (°F.) (466)	Dew Point. (°F.) (467)	Visibility. (468)	Cloud.				Height of Base Hundred feet. (463)	Barom. at M.S.L. (465)	Change in 3 hours. (466)	Wind.		Weather. (469)	Temp. (°F.) (470)	Dew Point. (°F.) (471)	Visibility. (472)	Cloud.				Height of Base Hundred feet. (467)	Barom. at M.S.L. (469)	Change in 3 hours. (470)	Wind.		Weather. (473)	Temp. (°F.) (474)	Dew Point. (°F.) (475)	Visibility. (476)	Cloud.				Height of Base Hundred feet. (471)	Barom. at M.S.L. (473)	Change in 3 hours. (474)	Wind.		Weather. (477)	Temp. (°F.) (478)	Dew Point. (°F.) (479)	Visibility. (480)	Cloud.				Height of Base Hundred feet. (475)	Barom. at M.S.L. (477)	Change in 3 hours. (478)	Wind.		Weather. (481)	Temp. (°F.) (482)	Dew Point. (°F.) (483)	Visibility. (484)	Cloud.				Height of Base Hundred feet. (479)	Barom. at M.S.L. (481)	Change in 3 hours. (482)	Wind.		Weather. (485)	Temp. (°F.) (486)	Dew Point. (°F.) (487)	Visibility. (488)	Cloud.				Height of Base Hundred feet. (483)	Barom. at M.S.L. (485)	Change in 3 hours. (486)	Wind.		Weather. (489)	Temp. (°F.) (490)	Dew Point. (°F.) (491)	Visibility. (492)	Cloud.				Height of Base Hundred feet. (487)	Barom. at M.S.L. (489)	Change in 3 hours. (490)	Wind.		Weather. (493)	Temp. (°F.) (494)	Dew Point. (°F.) (495)	Visibility. (496)	Cloud.				Height of Base Hundred feet. (491)	Barom. at M.S.L. (493)	Change in 3 hours. (494)	Wind.		Weather. (497)	Temp. (°F.) (498)	Dew Point. (°F.) (499)	Visibility. (500)	Cloud.				Height of Base Hundred feet. (495)	Barom. at M.S.L. (497)	Change in 3 hours. (498)	Wind.		Weather. (501)	Temp. (°F.) (502)	Dew Point. (°F.) (503)	Visibility. (504)	Cloud.				Height of Base Hundred feet. (499)	Barom. at M.S.L. (501)	Change in 3 hours. (502)	Wind.		Weather. (505)	Temp. (°F.) (506)	Dew Point. (°F.) (507)	Visibility. (508)	Cloud.				Height of Base Hundred feet. (503)	Barom. at M.S.L. (505)	Change in 3 hours. (506)	Wind.		Weather. (509)	Temp. (°F.) (510)	Dew Point. (°F.) (511)	Visibility. (512)	Cloud.				Height of Base Hundred feet. (507)	Barom. at M.S.L. (509)	Change in 3 hours. (510)	Wind.		Weather. (513)	Temp. (°F.) (514)	Dew Point. (°F.) (515)	Visibility. (516)	Cloud.				Height of Base Hundred feet. (511)	Barom. at M.S.L. (513)	Change in 3 hours. (514)	Wind.		Weather. (517)	Temp. (°F.) (518)	Dew Point. (°F.) (519)	Visibility. (520)	Cloud.				Height of Base Hundred feet. (515)	Barom. at M.S.L. (517)	Change in 3 hours. (518)	Wind.		Weather. (521)	Temp. (°F.) (522)	Dew Point. (°F.) (523)	Visibility. (524)	Cloud.				Height of Base Hundred feet. (519)	Barom. at M.S.L. (521)	Change in 3 hours. (522)	Wind.		Weather. (525)	Temp. (°F.) (526)	Dew Point. (°F.) (527)	Visibility. (528)	Cloud.				Height of Base Hundred feet. (523)	Barom. at M.S.L. (525)	Change in 3 hours. (526)	Wind.		Weather. (529)	Temp. (°F.) (530)	Dew Point. (°F.) (531)	Visibility. (532)	Cloud.				Height of Base Hundred feet. (527)	Barom. at M.S.L. (529)	Change in 3 hours. (530)	Wind.		Weather. (533)	Temp. (°F.) (534)	Dew Point. (°F.) (535)	Visibility. (536)	Cloud.				Height of Base Hundred feet. (531)	Barom. at M.S.L. (533)	Change in 3 hours. (534)	Wind.		Weather. (537)	Temp. (°F.) (538)	Dew Point. (°F.) (539)	Visibility. (540)	Cloud.				Height of Base Hundred feet. (535)	Barom. at M.S.L. (537)	Change in 3 hours. (538)	Wind.		Weather. (541)	Temp. (°F.) (542)	Dew Point. (°F.) (543)	Visibility. (544)	Cloud.				Height of Base Hundred feet. (539)	Barom. at M.S.L. (541)	Change in 3 hours. (542)	Wind.		Weather. (545)	Temp. (°F.) (546)	Dew Point. (°F.) (547)	Visibility. (548)	Cloud.				Height of Base Hundred feet. (543)	Barom. at M.S.L. (545)	Change in 3 hours. (546)	Wind.		Weather. (549)	Temp. (°F.) (550)	Dew Point. (°F.) (551)	Visibility. (552)	Cloud.				Height of Base Hundred feet. (547)	Barom. at M.S.L. (549)	Change in 3 hours. (550)	Wind.		Weather. (553)	Temp. (°F.) (554)	Dew Point. (°F.) (555)	Visibility. (556)	Cloud.				Height of Base Hundred feet. (551)	Barom. at M.S.L. (553)	Change in 3 hours. (554)	Wind.		Weather. (557)	Temp. (°F.) (558)	Dew Point. (°F.) (559)	Visibility. (560)	Cloud.				Height of Base Hundred feet. (555)	Barom. at M.S.L. (557)	Change in 3 hours. (558)	Wind.		Weather. (561)	Temp. (°F.) (562)	Dew Point. (°F.) (563)	Visibility. (564)	Cloud.				Height of Base Hundred feet. (559)	Barom. at M.S.L. (561)	Change in 3 hours. (562)	Wind.		Weather. (565)	Temp. (°F.) (566)	Dew Point. (°F.) (567)	Visibility. (568)	Cloud.				Height of Base Hundred feet. (563)	Barom. at M.S.L. (565)	Change in 3 hours. (566)	Wind.		Weather. (569)	Temp. (°F.) (570)	Dew Point. (°F.) (571)	Visibility. (572)	Cloud.				Height of Base Hundred feet. (567)	Barom. at M.S.L. (569)	Change in 3 hours. (570)	Wind.		Weather. (573)	Temp. (°F.) (574)	Dew Point. (°F.) (575)	Visibility. (576)	Cloud.				Height of Base Hundred feet. (571)	Barom. at M.S.L. (573)	Change in 3 hours. (574)	Wind.		Weather. (577)	Temp. (°F.) (578)	Dew Point. (°F.) (579)	Visibility. (580)	Cloud.				Height of Base Hundred feet. (575)	Barom. at M.S.L. (577)	Change in 3 hours. (578)	Wind.		Weather. (581)	Temp. (°F.) (582)	Dew Point. (°F.) (583)	Visibility. (584)	Cloud.			
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Scale 1. : 5,000,000

Thursday 6<sup>th</sup> January

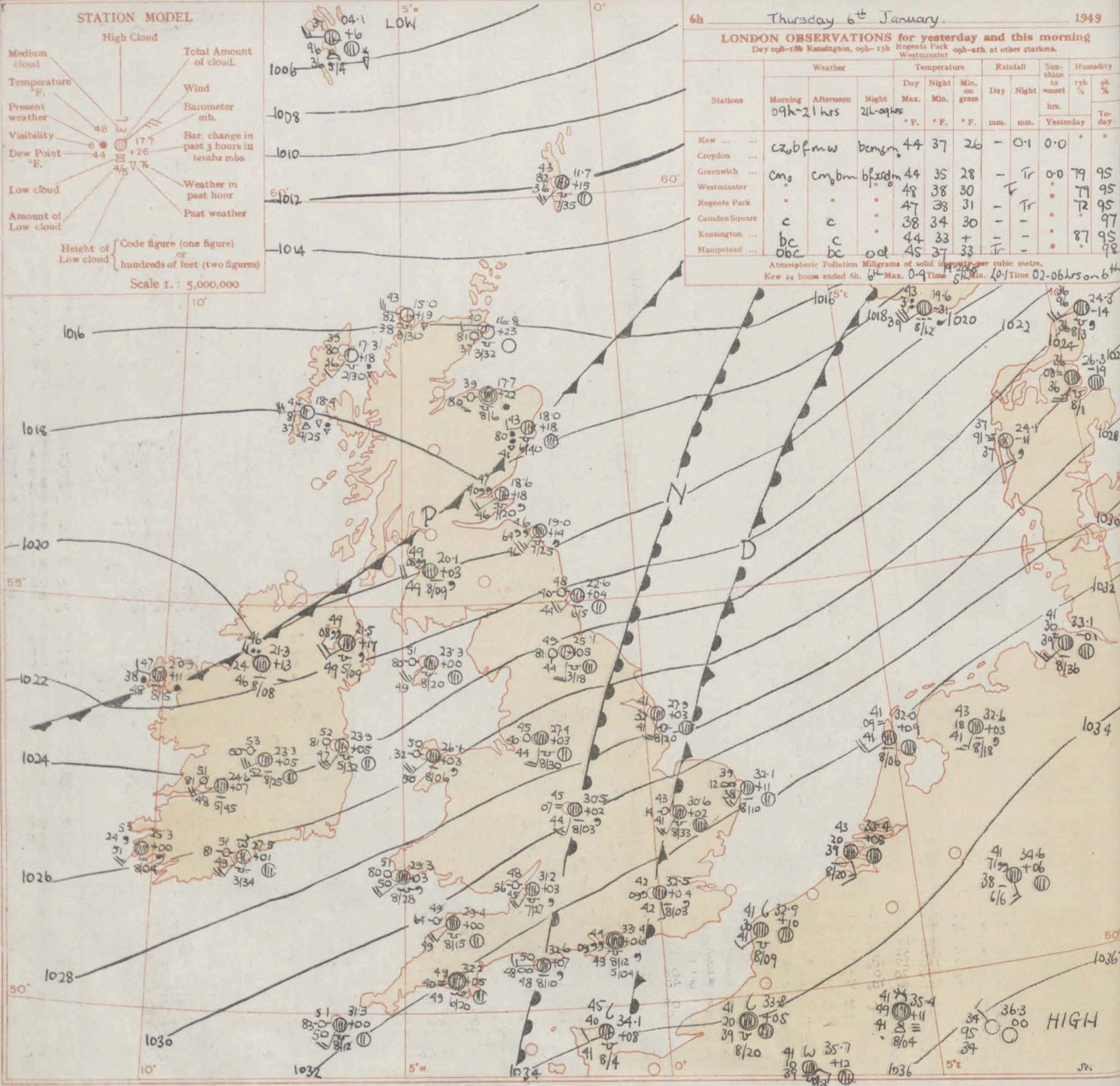
1949

Day 09h-18h Kensington, 09h-15h Regents Park  
Westminster 09h-18h at other stations

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		1st %	2d %
				Max.	Min.		mm.	mm.	Yesterday	To- day	
	* F.	* F.	* F.								
	09h-21 hrs			21h-09hrs							
Kew ...	c2	b f m w	b c m	44	37	26	-	0.1	0.0	.	.
Croydon ...	c2	b f m w	b c m	44	35	28	-	Tr	0.0	79	95
Greenwich ...	c m	c m b m	b f x c d m	44	38	30	-	Tr	.	79	95
Westminster	.	.	.	47	38	31	-	Tr	.	72	95
Regents Park	.	.	.	47	38	31	-	Tr	.	72	95
Garden Square	c	c	.	38	34	30	-	-	.	.	97
Kensington ...	b c	c	.	44	33	+	-	-	.	87	95
Hampstead ...	b h c	b c	c d	45	37	33	Tr	-	.	.	98

Atmospheric Pollution Milligrams of solid impurity per cubic metre

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 6h Max. 0.9 Time 14:20 Min. 0.1 Time 02-06 hrs on 6<sup>th</sup>



Pressure 1  
in the far  
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occasional

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FAIRCHILD  
VOLUME 10

**NO-VAIR SYSTEM**



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1949

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Humidity

15h % 9h %

To-day

Yesterday

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79 95

72 95

87 95

98

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1126

## GENERAL INFERENCE

Pressure is high from the Azores across central Europe to Russia and low in the far North: A weak trough of low pressure is slow-moving over Northern Ireland and South Scotland: Weather will be cloudy or dull and mild in England, Wales and Ireland, with considerable hill fog and local coast fog: There will be a little drizzle locally in many districts and more general rain and drizzle at times in the North, though amounts will probably be mainly small. It will be mainly rather mild in Scotland, with occasional rain in the South and a few showers locally in the extreme North. Frost and fog may occur locally tonight.

## FURTHER OUTLOOK

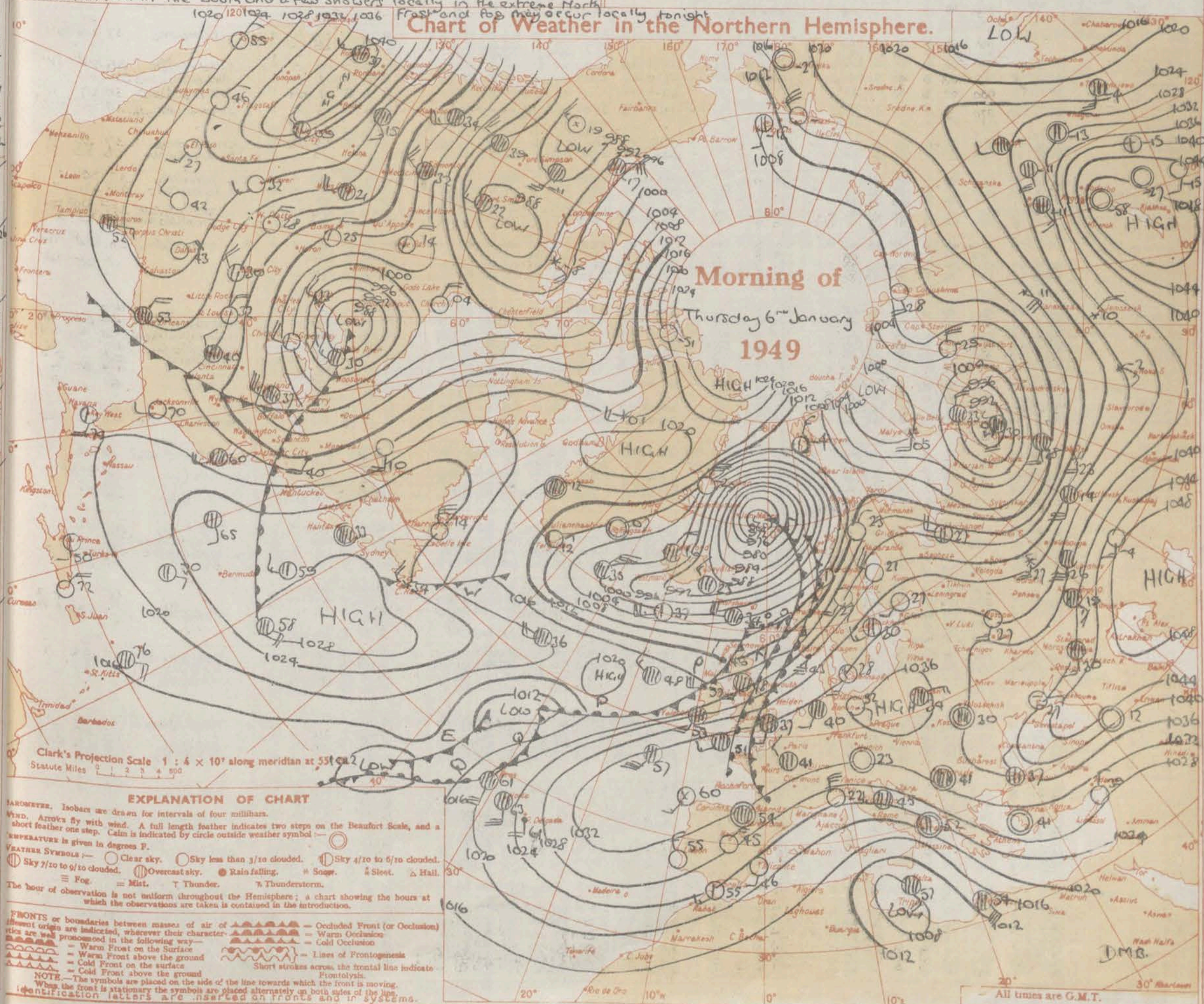
Occasional rain in some northern and central districts: Cloudy in the South with local drizzle: Mild in the South and rather mild in the North.

## Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 6<sup>th</sup> January

1949



All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 6th January 1949

No. 31822

OBSERVATIONS at 00hr. G.M.T. 6th January.															OBSERVATIONS at 06hr. G.M.T. 6th January.															OBSERVATIONS Wednesday NIGHT																																																																																																																																																																																																																																																																																																																																																																																	
District.	STATIONS.	Height above sea level in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (5)	Dew Point (6)	Visibility (7)	Cloud.			Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (5)	Dew Point (6)	Visibility (7)	Cloud.			Barom. at M.S.L. (1)	Change in 3 hours. (2)	State of Ground. (33)	Weather.	Temperature (34-35)		Rain (43)																																																																																																																																																																																																																																																																																																																																																																																		
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† Minimum temperature and rainfall read at 0700. Burr Castle reports at 0700.

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\* Information not usually received.

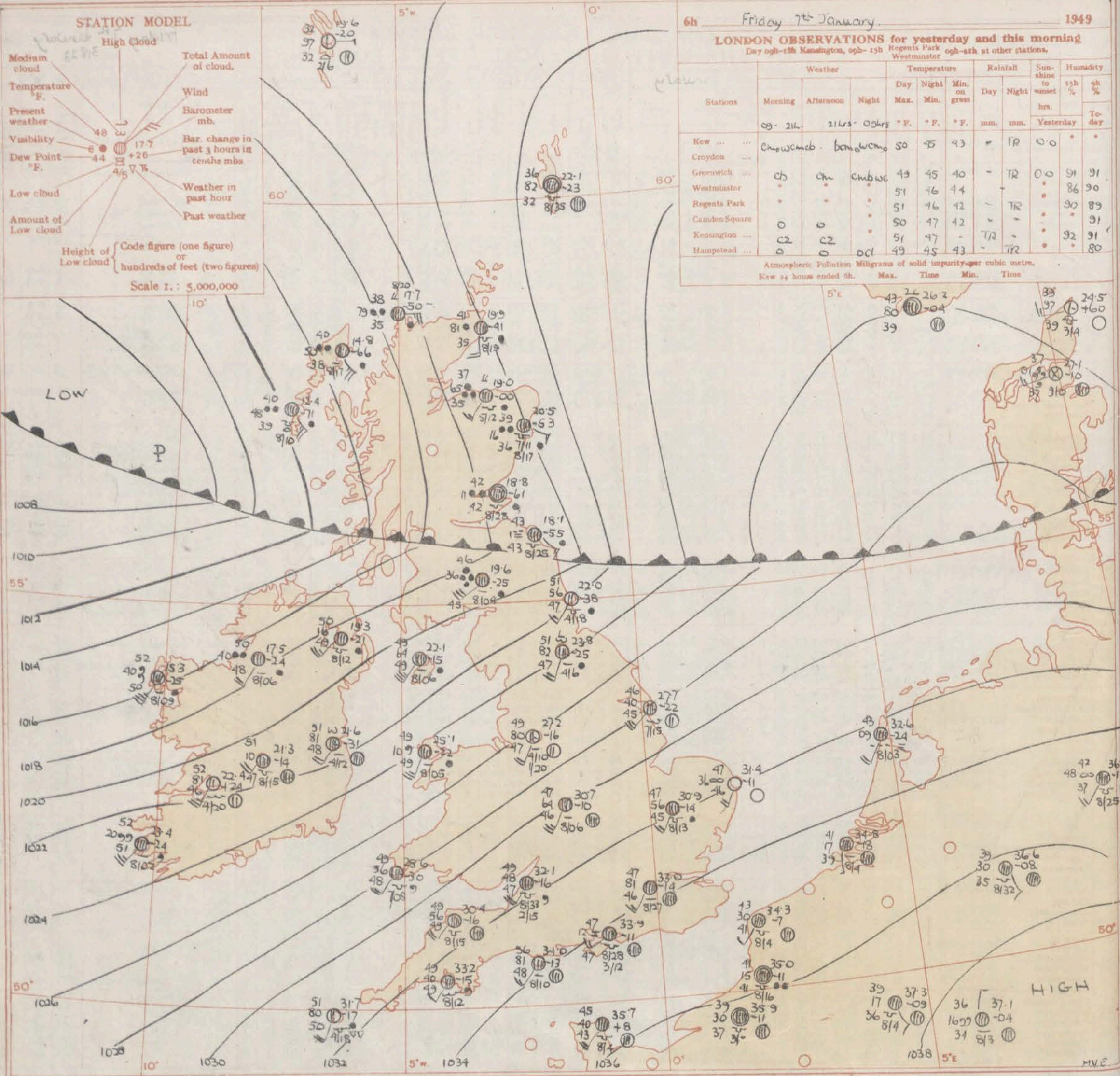
Rainfall for Fire Stations is for period 0600h-1800h and 1800h-0600h.



Friday 7<sup>th</sup> January 1949  
No. 31823

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).				Columns 13, 14, 15; 16, 29, 30, 31, 32.				* Information not usually received.			
0 = Nil	2 = 2/8	4 = 4/8 = 6/8	8 = Completely covered.	A =	Main layer			NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2			
1 = Trace	3 = 3/8	5 = 5/8 = 7/8	9 = Sky obscured by fog, etc.	B =	lowest cloud. ‡ See footnote p. 4.						





A complex of Scotland country in Scotland with cloudy showers in

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1949  
ing

Humidity	1st	2nd
75%	91	91
80%	86	90
85%	90	89
90%	91	91
95%	92	91
100%	80	80

# GENERAL INFERENCE

Complex trough of low pressure now approaching northwest districts of Scotland and Ireland will move Southeastwards across the whole country by tomorrow morning giving periods of rain ahead of it today in Scotland and during this evening and tonight in England and Wales, with cloudy mild conditions ahead of it. The trough will be followed by somewhat colder conditions with fair weather in the South but local showers in the North and West.

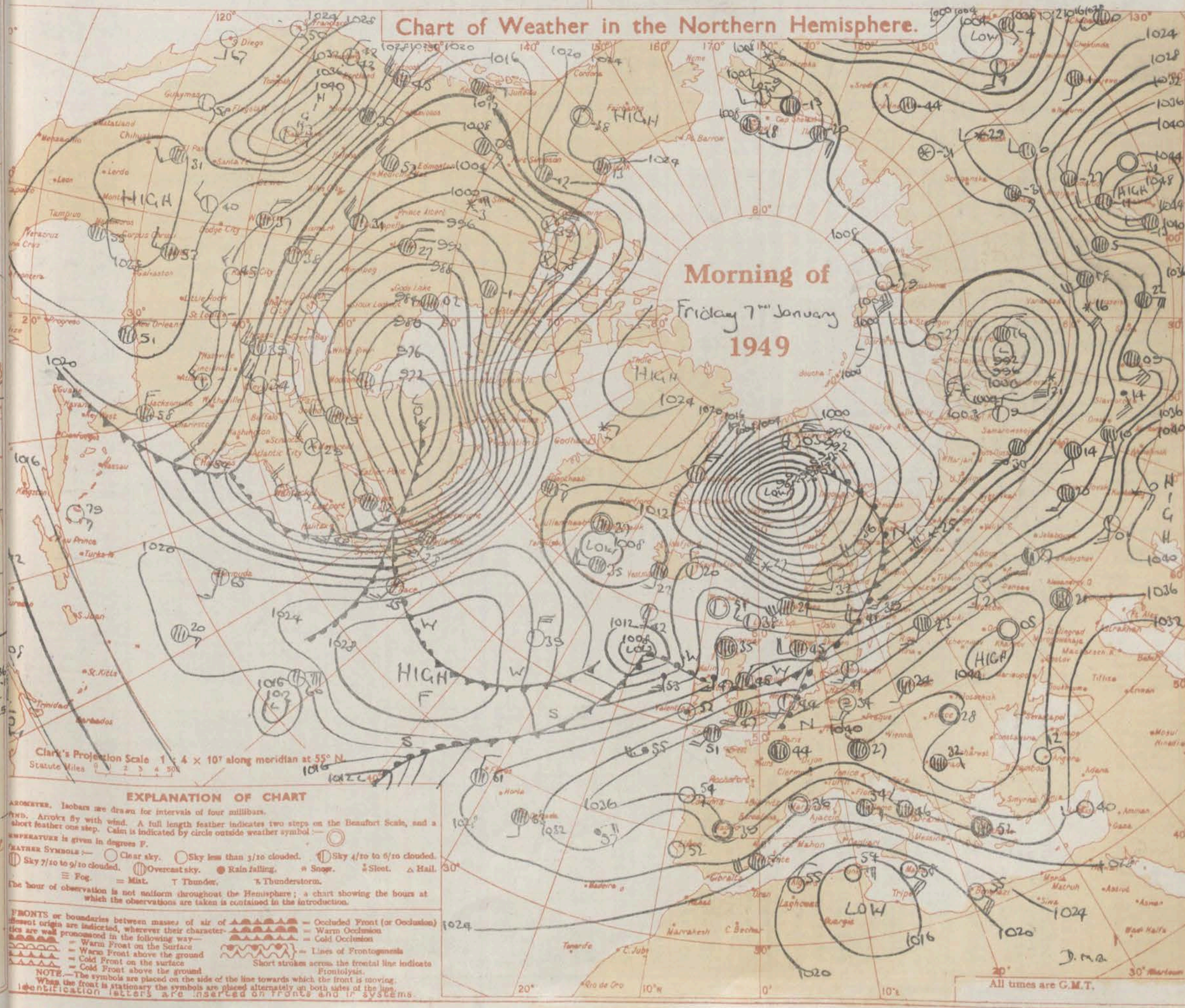
# FURTHER OUTLOOK

Mainly fair in the South: Scattered showers in the North, chiefly in Northern Scotland. Somewhat colder than of late.

South. Cones are flying in the Shetlands and Orkneys, on West coasts from Whiter Head to Weymouth, on East coasts from Dornoch Firth to the Wash and on North East Irish coasts from Foyle to Howth.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 7<sup>th</sup> January  
1949





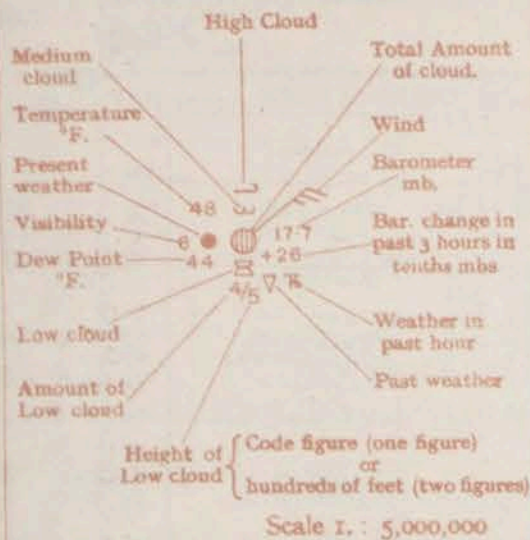
OBSERVATIONS at 00hr. G.M.T. 7th January															OBSERVATIONS at 06hr. G.M.T. 7th January															OBSERVATIONS Thursday NIGHT				
Distance.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					State of Ground.	Weather.	Temperature		Rain			
					deg.	kts.				Form.	Amount.		Height of Base Hundreds of feet.	Form.			Amount.	Height of Base Hundreds of feet.				Form.	Amount.		Height of Base Hundreds of feet.	Min. °F. (41)			Min. on Grass °F. (42)					
											Low.	High.											Low.	High.					Low.	High.		Min.	Max.	
1	Kew	16			200	08	bc	46	45	48			2	06	31.5	-16	230	09	47	47	35					25	1	bcm.wcm.ir.cm.	45	43	TR			
	Croydon	217			230	09	c	47	46	56			6	12	32.7	-14	250	09	48	47	56					16	1	bcm.cid.m.cm.	44	42	TR			
	S.Pearborough	220	34.8	-6	190	08	bc	46	46	32			4	08			230	07	47	47	48					13	1	cdodomo	47	39	TR			
	Boscombe Down	417	35.9	-2	250	04	o	48	47	48			8	25	33.9	-11	260	07	47	47	12				8	28	1	cmcd.d.m	46	44	0.2			
	Calshot	6	36.1	0	260	07	c	47	47	12			6	04					47	47	12				8	28	1	of d.d.	46	44	TR			
	Tandridge	53																																
	Lymington	343	36.4	-3	210	08	f	46	46	05			8	04	34.1	-13	240	09	46	46	45				2	0	1	cm.	44	40				
	Manston	140			200	08	f			10			8	04	33.6	-14	190	07	46	44	44				2	0	1	m.c.m.	45	41	*			
2	Shoeburyness	11	34.5	-3	240	12	z	45	44	24			6	35	32.6	-13	250	08	45	43	32				0	0	1							
	Felixstowe	10	33.8	-4	250	13	bc	45	44	08			6	10	31.4	-11	200	14	47	46	26				0	0	1							
	Corlieston	5																																
	Mildenhall	15	33.4	-3	200	09	o	48	46	12			8	34	30.9	-14	190	09	47	45	56				8	13	1	cfm.ir.bcm.	47	42	TR			
	West Raynham	250	32.6	-2	220	15	o	47	45	18			8	30	30.1	-14	210	22	46	44	32				8	30	1	cm.	45	44	-			
	Waddington	335			200	14	bc	48	46	24			8	65			200	15	48	46	32				8	5	1	cm.bcm.cm.c	45	43	-			
3	Gransfield	340	33.5	-20	230	13	o	47	45	48			8	20	30.8	-13	250	14	47	46	54				8	05	1	cm.bcm.cm.c	46	43	-			
	Honiley	427	33.0	-6	210	14	bc	47	45	48			3	14	30.7	-10	200	16	47	46	64				6	06	1							
4	Little Rissington	731	33.8	-4	230	18	o	45	44	64			6	06	31.4	-13	230	19	45	45	02				0	0	1	cm.oid.fcm.	45	44	TR			
	Defford	58	34.4	-3	200	08	c	46	45	48			6	31	32.1	-16	200	12	49	47	48				8	10	1	cm.d.cm.	46	42	TR			
5	Bristol	209	32.6	0	230	13	d.c.d.	49	49	01			9	0	30.4	-16	230	13	49	49	56				8	33	1							
	Hartland Point	209																							8	15	1							
	Yeovilton	30																							8	20	1							
	Portland Bill	94	36.0	0	230	09	bc	50	48	81			8	20	34.0	-13	230	09	50	48	81				4	10	1	COOZ	49		-			
	Exeter	100	35.3	-7	200	03	c/f	46	46	12			8	12	32.9	-16	190	11	49	48	56				8	13	2	bm.fbbcm.wcjp	39	32	TR			
	Plymouth	86	35.3	-4	250	10	d.c.d.	50	50	24			8	10	33.2	-15	230	07	49	49	40				8	12	1	cm.id.cdd.c.d.	45	45	0.6			
	St. Eval	345	35.5	-5	200	10	o	48	48	24			8	20	32.6	-16	180	13	49	48	40				8	09	1	cm.cid.m.	47	43	0.1			
	Lizard	240	35.5	-5	240	13	o	50	50	80			8	55	26.6	-19	230	10	id.	49	56				6	13	1	coide	49		0.5			
	Guernsey	348	37.2	0	190	02	o	48	48	40			8	03											6	13	1							
	Scully, St. Marys	163	34.3	-4	200	15	d/d	51	50	82			8	15	31.7	-17	200	14	b.c.p.	51	50	80				4	18	1	cbud.c	50		0.2		
	Pembrey	14	32.5	-2	180	08	o	49	49	10			8	09			180	12	48	47	24				8	12	1	frd.cm.f	48		0.6			
	Pembroke	143	31.3	-8	250	17	c/f	50	50	02			8	06	28.9	-16	250	21	49	49	32				8	08	1	cid.cbcid.m.c	47	45	TR			
	Aberporth	425			180	16	bc	50	50	80			3	15	28.8	-13	180	19	id.	49	48				8	04	1							
7	Holyhead (Valley)	32	28.8	-13	200	20	f	49	49	05			8	02	25.1	-22	210	26	id.	49	49	10				8	05	1	o.c.f.eid.	48	48	0.5		
	Hawarden	15			180	10	f						3	40			200	20	c						7	35	1							
8	Manchester	230	30.4	-3	180	12	o	49	47	40			8	20	27.2	-16	190	18	bc	49	47	80				8	10	1	cf.bcc	48	46	TR		
	Squires Gate	35	29.1	-6	190	09	bc	46	44	40			8	20	26.2	-13	180	20	bc	47	44	48				8	10	1	cd.d.m.c.f.r.m.bcm	45	43	0.3		
	Silloth	29	26.8	-7	230	09	c/c	46	46	48			8	02	19.5	-28	210	33	c/f	49	49	48				8	08	2	od.d.f.c.f.c.m.	42	43	1		
9	Finningley	28	30.2	-6	160	14	b	47	44	64			0		27.0	-17	180	16	o	49	45	64				8	10	1						
10	Spurn Head	79	30.9	+4	320	09	bc	46	45	40			5	15	27.7	-22	200	13	c	46	45	40				7	15	1	b.c.c.c	49	42	-		
	Leeming	105	28.1	-4	200	11	bc	45	45	81			2	09	23.8	-25	180	13	c	51	47	82				6	16	2	bc.c.c.c.c	45	49	3		
	Tynemouth	108	28.7	0	200	02	f	45	45	00			0		20.0	-38	230	09	bc	51	47	56				4	18	1	omid.off.Frrem	45	49			
	Ackington	138	27.6	-25																														







# STATION MODEL



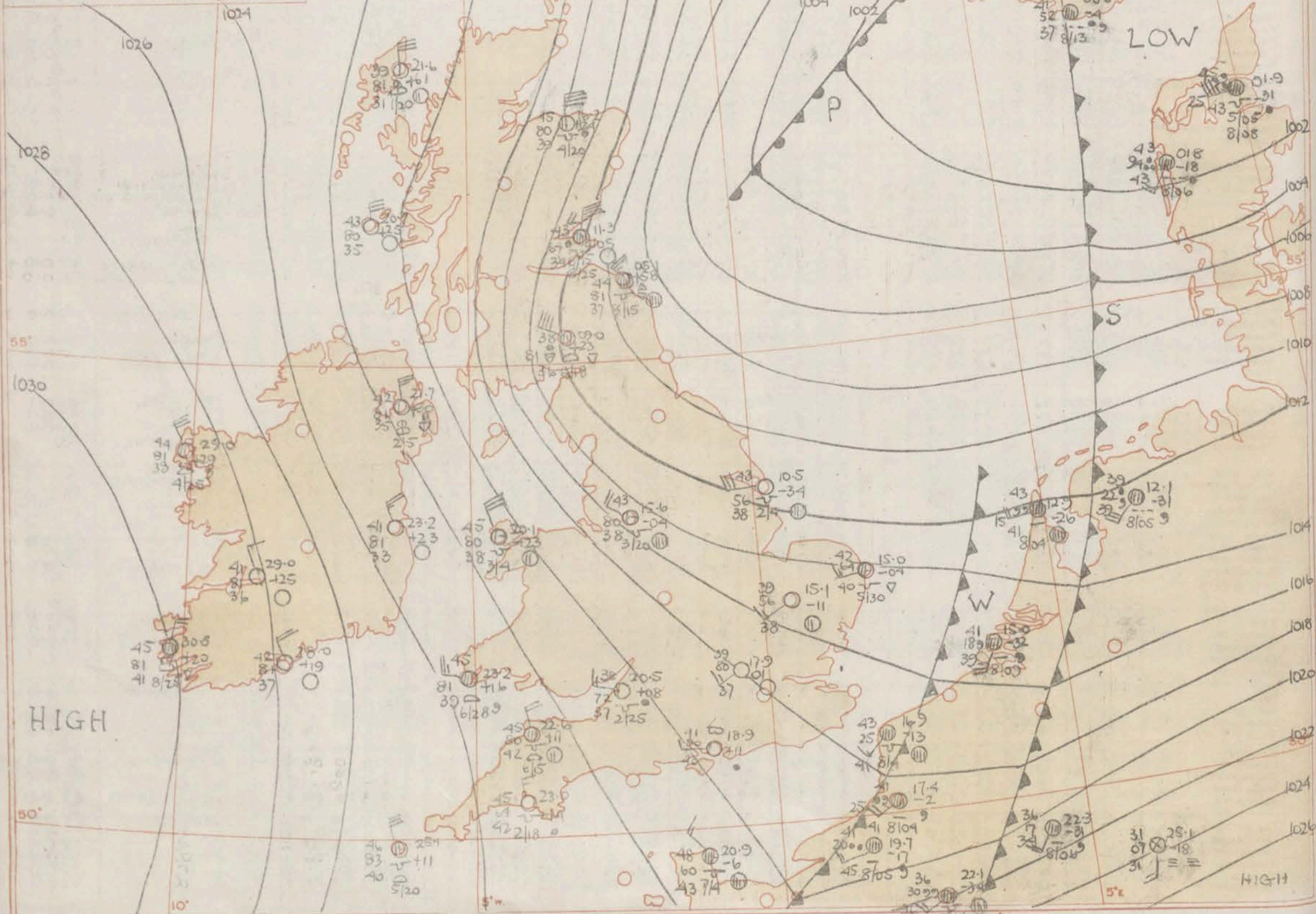
6h Saturday 8th January 1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Regents Park 09h-24h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine		Humidity	
	09h-15h	15h-21h	Night	Day Max.	Night Min.	Min. on grass	Day	Night	to sunset hrs.	Yester-day	To-day	
Kew	Cloud.	Cloud.	Cloud.	49	40	27	TR.	1	04			
Croydon				50	39	32	TR.	1.3	0.0	80	85	
Greenwich	c	cd.	cd.	51	39	31	1.3			83	91	
Westminster	.	.	.	51	40	34	-	2.6		82	91	
Regents Park	.	.	.	51	40	35	-	1.5			87	
Camden Square	c	c	.	51	45		TR.	1.5		88	90	
Kensington	c	cd.	.	49	37	33	-	1.9			91	
Hampstead	o	o	orb									

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h 8th. Max. 0.3 Time 7.2 Min. 0.1 Time 0-6h 8th.



A cold n...  
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higher gro...  
Ireland to...





# GENERAL INFERENCE

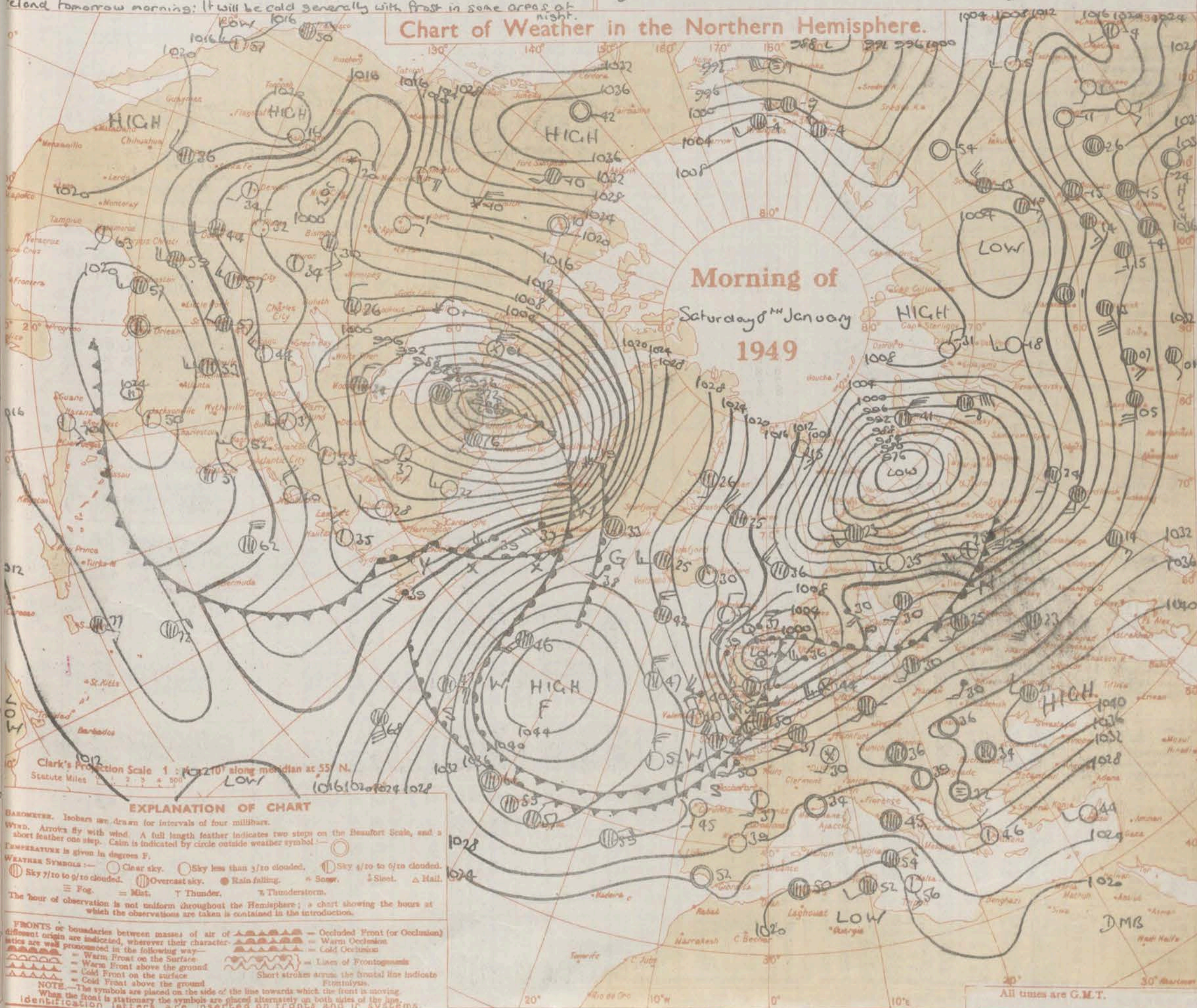
A cold northerly air stream covers the British Isles while a weak trough of low pressure in Mid-Atlantic is moving quickly eastwards later turning Southeastwards. There will be bright periods and local showers in all districts, and the showers will be of snow on high ground in the North and perhaps on lower ground in North Scotland. Showers will become more scattered in most areas during the night. Cloudy conditions with some slight rain preceded by a little snow on higher ground will spread from the Northwest across Scotland and Northern Ireland tomorrow morning. It will be cold generally with frost in some areas at night.

# FURTHER OUTLOOK

Cloudy conditions in the North likely to spread Southeast to most areas by Sunday night preceded by some slight rain and a little snow on the high ground. Rather cold. Some frost early Sunday night in the Southeast. North Coes are flying in the Orkneys & Shetlands, on East coasts from Whiten Head to Beachy Head, on West coasts from Whiten Head to Mallois and from Clyde to Cardiff and on North Irish coasts from Foyle to Howth.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday<sup>th</sup> January  
1949



### 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. — Thunder. — Thunderstorm.  
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.  
**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—  
— Warm Front on the surface.  
— Warm Front above the ground.  
— Cold Front on the surface.  
— Cold Front above the ground.  
— Occluded Front (or Occlusion).  
— Warm Occlusion.  
— Cold Occlusion.  
— Lines of Frontogenesis.  
Short strokes across the frontal line indicate Frontolysis.  
**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 8<sup>th</sup> January 1949

No. 31824.

[illegible]

The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air.

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\* Information not usually received.  
\* Rainfall for Fire Stations is for periods  
0600h-1800h, and 1900h-0600h.



CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).				Columns 13, 14, 15; 16, 29, 30, 31, 32.				* Information not usually received.			
0 = Nil	2 = 2/8	4 = 4/8	6 = 6/8	8 = Completely covered.	A = Main layer				NELSON K. JOHNSON, K.C.B., D.Sc., Director,		
1 = Trace	3 = 3/8	5 = 5/8	7 = 7/8	9 = Sky obscured by fog, etc.	B = lowest cloud.	† See footnote p. 4.			Meteorological Office, Air Ministry, Kingsway, London, W.C.2		



### STATION MODEL

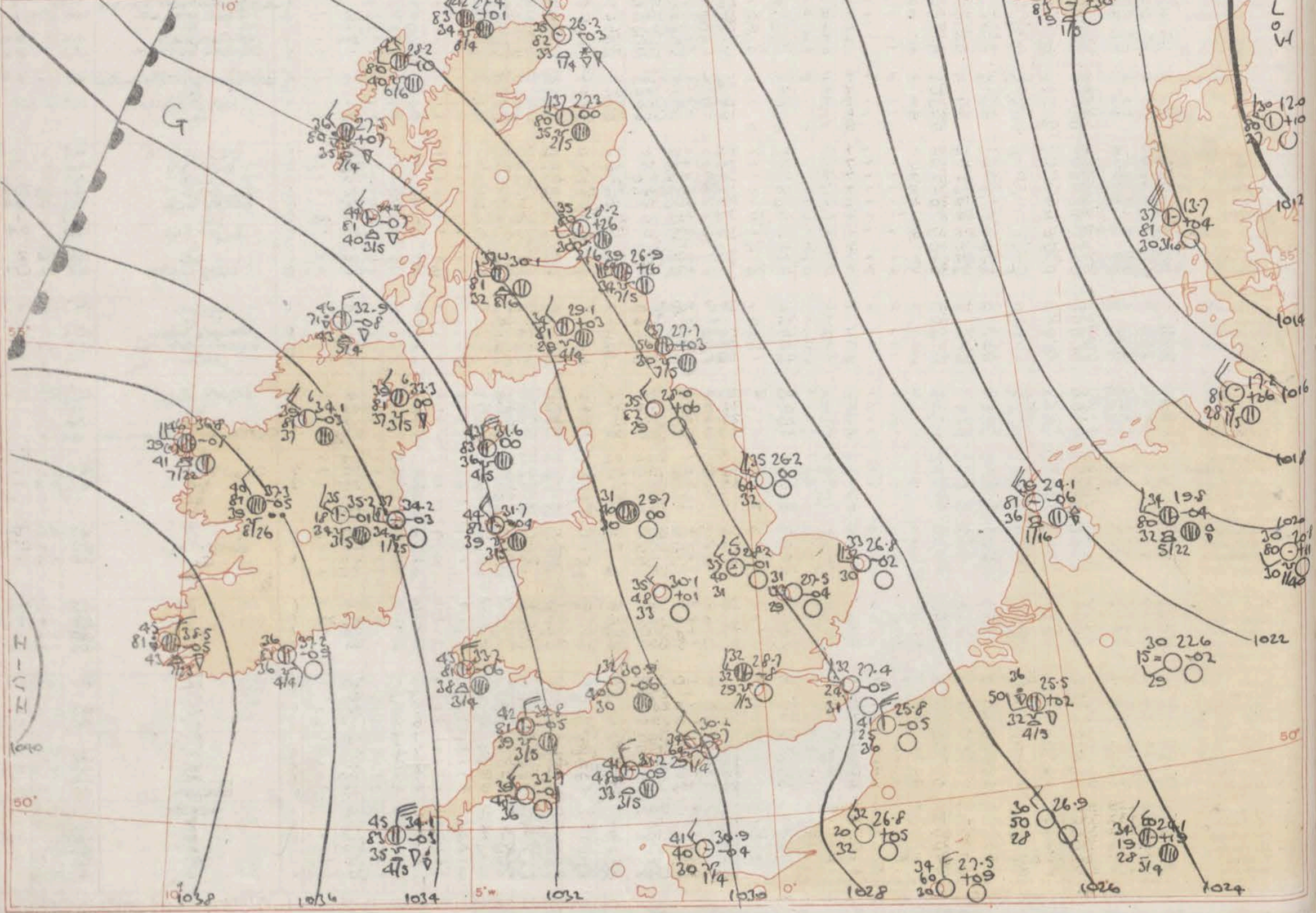
High Cloud  
Medium cloud  
Temperature °F.  
Present weather  
Visibility  
Dew Point °F.  
Low cloud  
Amount of Low cloud  
Total Amount of cloud  
Wind  
Barometer mb.  
Bar. change in past 3 hours in tenths mbs.  
Weather in past hour  
Past weather  
Height of Low cloud  
Code figure (one figure) or hundreds of feet (two figures)  
Scale 1: 5,000,000

6h Sunday 9<sup>th</sup> January 1949

**LONDON OBSERVATIONS for yesterday and this morning**  
Day 09h-18h Kensington, 09h-15h Regents Park 09h-18h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	7h %	9h %
Kew	bombz.u	bcm.		45	33	21	0.2	Tr	2.2		
Croydon		bcm.		45	31	25	0.1			70	90
Greenwich	bmc	cr.bcm	bmx	44	30	22	0.03	0	1.1	71	82
Westminster				45	32	23				74	82
Regents Park											
Camden Square	o	bc		45	34	27	Tr	-			84
Kensington	bc	bc		45	32	24	Tr	-		77	87
Hampstead	bcm	bcm	cr	43	32	26	Tr	-			92

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 24h. Max. 0.3 Time 2424h 201 Time 610h 8<sup>th</sup>.



warm from periods in Cloudy m/s spread from may occur later tom

110°

100°

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70°W

80°W

90°W

100°W

110°W

120°W

130°W

140°W

150°W

160°W

170°W

180°

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50°E

60°E

70°E

80°E

90°E

100°E

110°E

120°E

130°E

140°E

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Barometer: Wind Arrow Short Weather TEMPERATURE WEATHER SY Sky 7/10 The hour of

FRONTS different symbols are used for cold, warm, and occluded fronts. NO Wind



1949

ng

Humidity

%

To-day

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82

82

84

87

92

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## GENERAL INFERENCE

Pressure is high to the southwest of the British Isles while a weak warm front will move southeastwards over the country. It will be generally fair with bright periods in most areas but some scattered showers will occur in the North and West to-day. Cloudy milder conditions preceded in the West and North by some slight rain or drizzle will spread from the Northwest reaching southeast districts later tonight but some slight frost may occur early tonight in the latter areas. Some rain will reach Northwest Scotland later tomorrow morning.

## FURTHER OUTLOOK

Mainly cloudy and rather mild. Occasional rain or showers in Scotland and Northern Ireland and probably later in parts of Northern England.

↓ South coasts are flying on coast north of a line Mallaig to Dornoch Firth and in Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 9th January,  
1949

## EXPLANATION OF CHART

BAROMETER. Isohars 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. ⚡ Hall. ☁ Fog. ☁ Mist. ⚡ Thunder. ⚡ Thunderstorm.  
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.

FRONTS or boundaries-between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way:  
— Warm Front on the surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.  
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 9th January 1949

No. 31825.

[illegible]

The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air.

**RATES OF SUBSCRIPTION:** Single copy one section, 2d or 3d. post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d or 5d. post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

\* Information not usually received.

Rainfall for Fire stations is for period 0600h-1800h and 1800h-0600h.

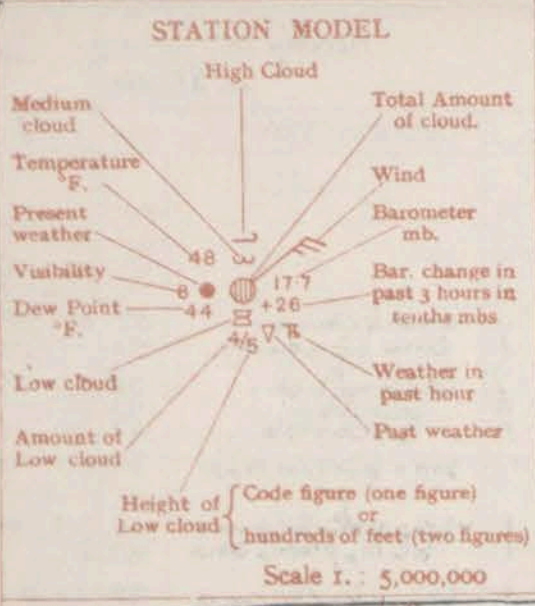


BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Monday 10<sup>th</sup> January 1949  
No. 31826OBSERVATIONS at 12h. G.M.T. 9<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 9<sup>th</sup> January

OBSERVATIONS during DAY (30)

Station	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	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6h

Monday

10th

January

1949

LONDON OBSERVATIONS for yesterday and this morning

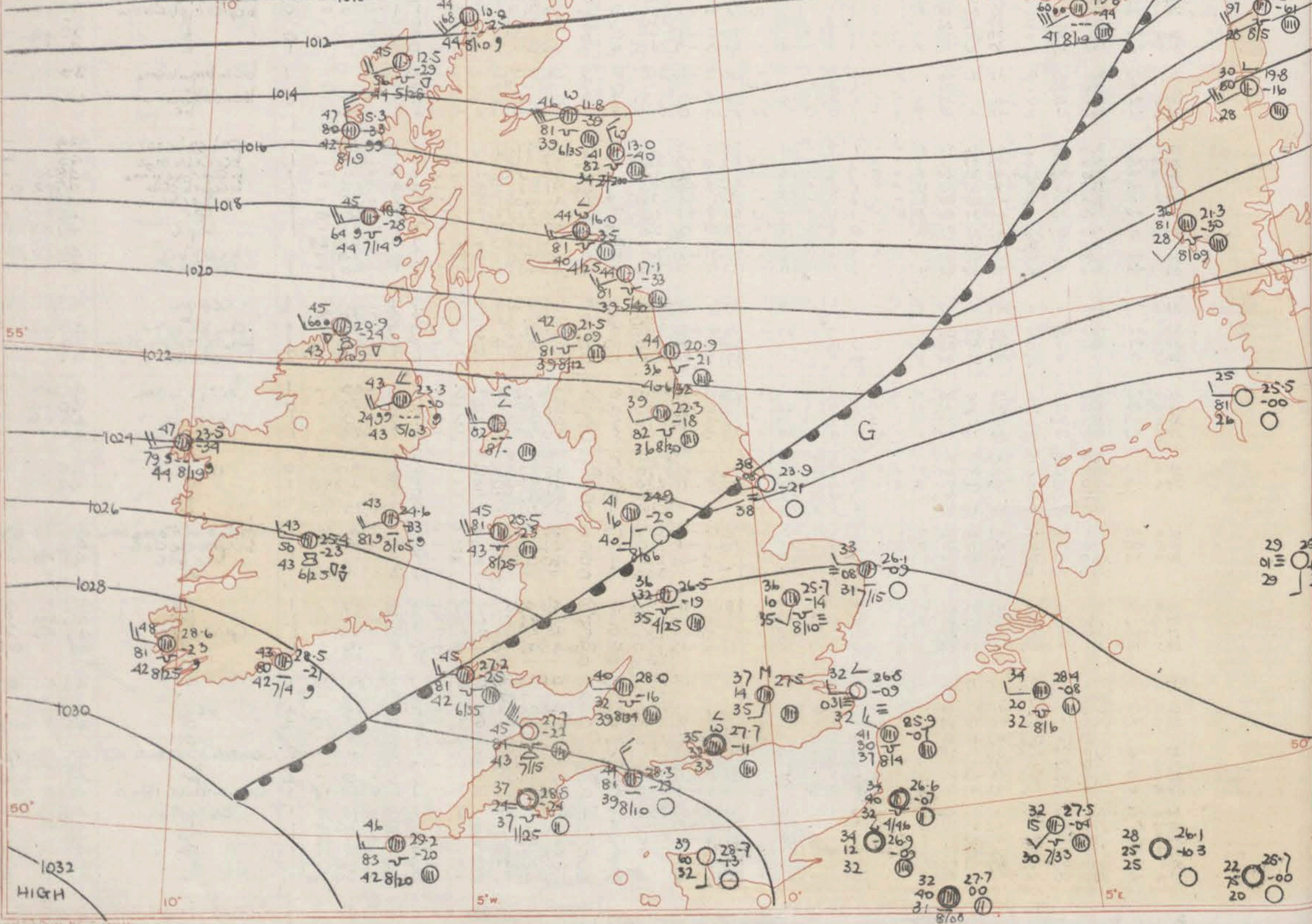
Day 09h-15h Kensington, 09h-15h Regents Park, 09h-15h Westminster  
Day 09h-15h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to set	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	15h %	9h %
				Max.	Min.		mm.	mm.		Yesterday	To- day
				* F.	* F.	* F.	mm.	mm.			

Kew ...	cm.xbecbm	bczcmf	42	33	20	TR	TR	5.3	.	.	
Croydon ...	cm.bbcz.bm		41			-					
Greenwich ...	bm	b	bfxcm	40	31	21	-	TR	4.1	75	87
Westminster	.	.	.	43	31	24	-		.		78
Regents Park	.	.	.	41	32	22	-	-	.	73	91
Camden Square	bc	bc	.	43	33	23	-	-	.	.	91
Kensington ...	bob	bz	.	43	33	-	-	-			86
Hampstead ...	bcx	bcx	0	40	32	23	-	-	.	.	93

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 10<sup>th</sup> Max. 1.1 Time 9<sup>h</sup> Min. 0.1 Time 6-8h 9<sup>h</sup>



The ...  
to pass  
most pl  
north,  
with 6  
bright  
mainly  
Scotland

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

0°

10°W

5°W

5°E

10°E

15°E

20°E

25°E

30°E

35°E

40°E

45°E

50°E

55°E

60°E

65°E

70°E

75°E

80°E

85°E

90°E

95°E

100°E

105°E

110°E

115°E

120°E

125°E

130°E

135°E

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250°E

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260°E

265°E

270°E

275°E

280°E

285°E

290°E

295°E

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305°E

310°E

315°E

320°E

325°E

330°E

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340°E

345°E

350°E

355°E

360°E

365°E

370°E

375°E

380°E

385°E

390°E

395°E

400°E

405°E

410°E

415°E

420°E

425°E

430°E

435°E

440°E

445°E

450°E

455°E

460°E

465°E

470°E

475°E

480°E

485°E

490°E

495°E

500°E

505°E

510°E

515°E

520°E

525°E

530°E

535°E

540°E

545°E

550°E

555°E

560°E

565°E

570°E

575°E

580°E

585°E

590°E

595°E

600°E

605°E

610°E

615°E

620°E

625°E

630°E

635°E

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## GENERAL INFERENCE

The cold front to north west of the British Isles is expected to pass south-eastwards across the country giving rain in most places, showers will follow the rain in the extreme north, weather otherwise will be mainly cloudy and mild with local rain or drizzle in western districts but with bright intervals in Eastern England, winds will be westerly, mainly moderate to fresh but gale force at times in Scotland.

## FURTHER OUTLOOK

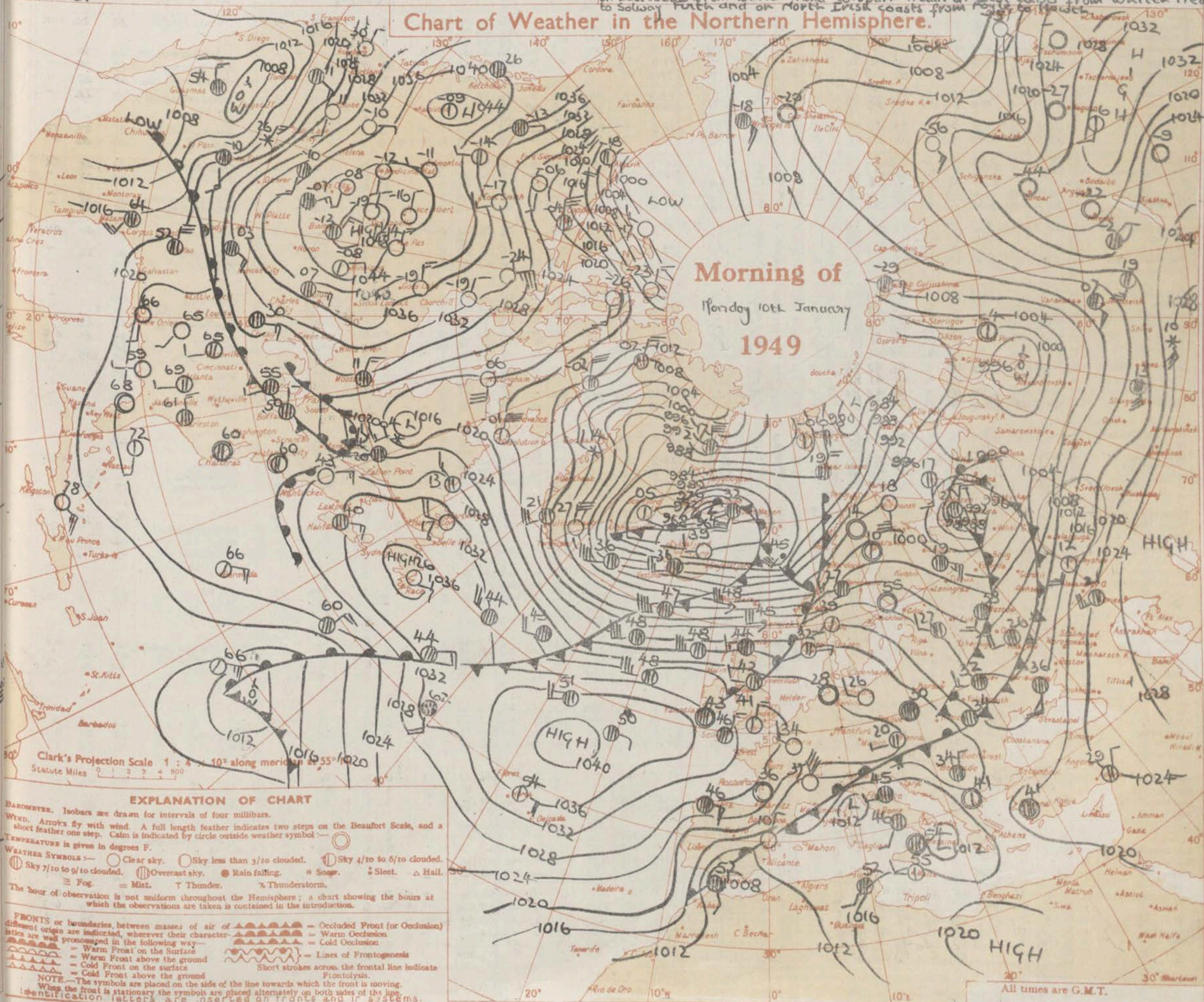
Rain at first in the south and showery in the north and north west but otherwise fair and somewhat cooler

## Chart of Weather in the Northern Hemisphere.

Morning of

Monday 10th January

1949



## 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. ☼ Thunder. ☼ Thunderstorm.

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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:

— Warm Front on the surface — Warm Front above the ground — Cold Front on the surface — Cold Front above the ground

— Occluded Front (or Occlusion) — Warm Occlusion — Cold Occlusion

— Lines of Frontogenesis — Short strokes across the frontal line indicate Frontolysis.

NOTE.—The symbols are placed on the side of the line towards which the front is moving.

When the front is stationary the symbols are placed alternately on both sides of the line.

Identification letters are inserted on fronts and in systems.

All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Monday 10<sup>th</sup> January 1949

No. 31826

OBSERVATIONS at 00hr. G.M.T. 10<sup>th</sup> JanuaryOBSERVATIONS at 06hr. G.M.T. 10<sup>th</sup> January

9 h. OBSERVATIONS Sunday NIGHT

Dist.	Stations	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours	Wind.		Temp.	Dew Point	Visibility	Cloud.			Barom. at M.S.L.	Change in 3 hours	Wind.		Temp.	Dew Point	Visibility	Cloud.			Barom. at M.S.L.	Change in 3 hours	Weather.	Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air.

RATES of SUBSCRIPTION: Single copy one section, 2d. or 3d. post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d. or 5d. post free. One calendar month, 9s. One quarter, 25s. One year, 90s.



1949

BRITISH  
SECTION

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 11th January 1949  
No. 31827

OBSERVATIONS at 12 h. G.M.T. 10<sup>th</sup> January

OBSERVATIONS at 18h. G.M.T. 10<sup>th</sup>. January

OBSERVATIONS during DAY (10<sup>th</sup>)[illegible]

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30)

Columns 13, 14, 15; 16, 29, 30, 31, 32.

\* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.  
Meteorological Office, Air Ministry, Kingsway, London, W.C. 2.

red.  
period



OBSERVATIONS at 06hr. G.M.T. 11th January

b. OBSERVATIONS Monday NIGHT

The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air  
 RATES of SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d or 5d post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

\* Information not usually received.  
 Rainfall for Eire Stations is for periods 0600h-1800h and 1800h-0600h

\* Information not usually received.  
Rainfall for Eire Stations is for periods  
600h-1800h and 1800h-0600h



# GENERAL INFERENCE

A weak trough of low pressure over Southern England and a more vigorous trough near the Faeroes are moving southeast. A cold north-westerly air stream with extend to all areas with frequent squally and locally heavy showers in north and west Scotland and northern Ireland, and scattered showers elsewhere except in South eastern districts. Snow showers will occur in north Scotland and on high ground in South Scotland and northern England. Slight to keen air frost will occur in many areas tonight. Northwest to north gales may be severe in northern Scotland, but will moderate tomorrow.

# FURTHER OUTLOOK

Fair and cold generally at first but showery in the north and northwest. Milder conditions with rain probably spreading from Atlantic later.

# Gale Warning

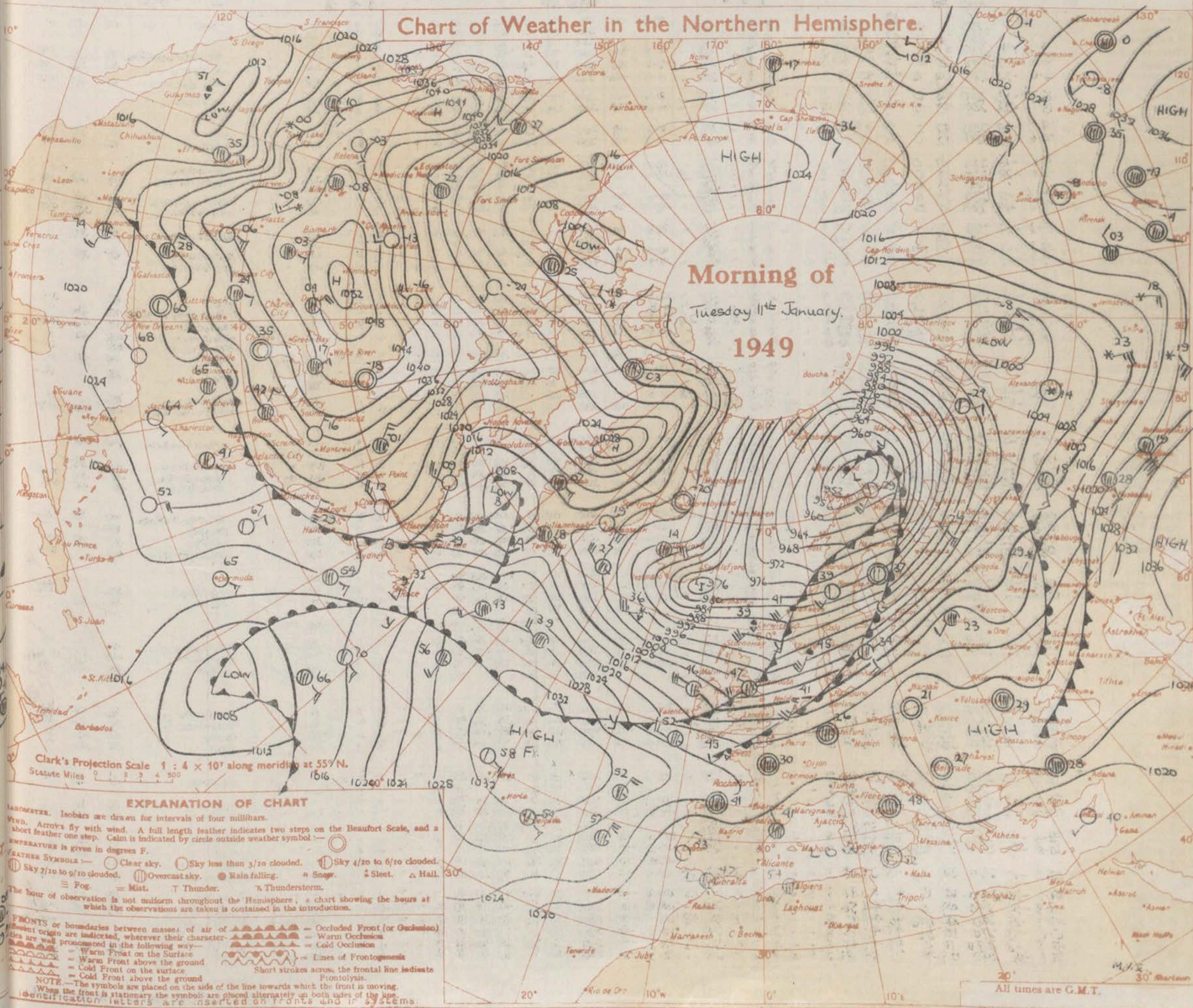
North gales are flying on all coasts of the British Isles north of a line Cardiff to River Blackwater and in Orkneys and Shetlands.

# Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 11<sup>th</sup> January.

1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 100 200 300 400

# 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. ☁ Thunder. ☁ Thunderstorm.

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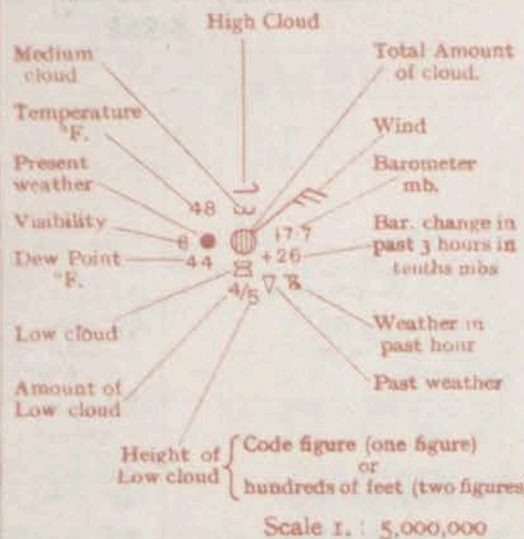
— Warm Front on the surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground

NOTE. — The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



# STATION MODEL



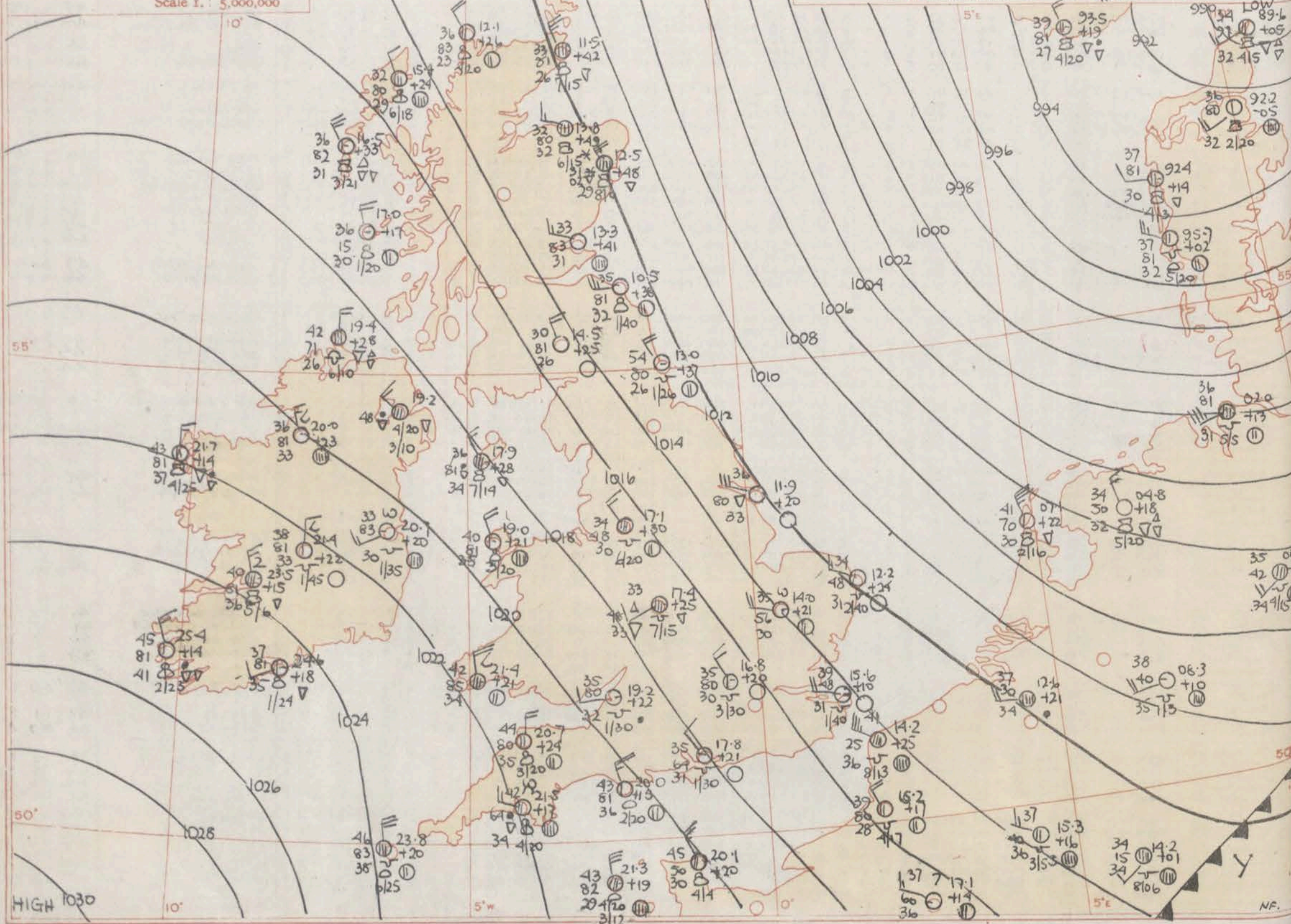
6h Wednesday 12th January 1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Regents Park 09h-15h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yester	To-day
Kew	cm.	o.	cb	48	36	30	0.3	TR	1.0		
Croydon	cm.	o.	cb	47	36	29	0.5	-	0.4	66	73
Greenwich	cm.	o.	cb	49	35	25	0.5	-		77	75
Westminster	cm.	o.	cb	48	36	30	-	-		70	91
Regents Park	cm.	o.	cb	48	36	30	0.7	-			77
Camden Square	cm.	o.	cb	50	36		-	0.4		73	81
Kensington	cm.	o.	cb	47	32	29	0.7	TR			88
Hampstead	cm.	o.	cb								

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. 12th. Max. 0.4 Time 11h. Min. <0.1 Time 3-6h 12th.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Wednesday 12th January 1949  
No. 31828.

OBSERVATIONS at 12h. G.M.T. 11th January

OBSERVATIONS at 12h. G.M.T. 11th January

OBSERVATIONS during DAY (11th)

Day/Night		Temperature		Rain		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.		Change		Wind		Cloud		Amount		Height of Base		Barom.	
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BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 12th January 1949

No. 31828

OBSERVATIONS at 00hr. G.M.T. 12th January

OBSERVATIONS at 06hr. G.M.T. 12th January

OBSERVATIONS Tuesday NIGHT

District.	Stations.	OBSERVATIONS at 00hr. G.M.T. 12th January										OBSERVATIONS at 06hr. G.M.T. 12th January										OBSERVATIONS Tuesday NIGHT				
		Wind.					Wind.					Wind.					Wind.					Weather.				
		Temp.					Temp.					Temp.					Temp.					Temp.				
		Max.	Min.	Mean.	Range.	State of Sky.	Max.	Min.	Mean.	Range.	State of Sky.	Max.	Min.	Mean.	Range.	State of Sky.	Max.	Min.	Mean.	Range.	State of Sky.	Max.	Min.	Mean.	Range.	State of Sky.
1	Kew	15	10	12	5	100	17	12	14	5	100	17	12	14	5	100	17	12	14	5	100	17	12	14	5	100
	Croydon	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	S. Farnborough	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Boscombe Down	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Calshot	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Tangmere	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Lymington	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Manston	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Shesham	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Poling	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Corbridge	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Middleham	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	West Raynham	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Waddington	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Grampound	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Honley	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Little Rissington	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Dafford	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Bristol	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Marland Point	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Veolton	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Portland Bill	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Exeter	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Plymouth	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	St. Eval	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Lizard	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Guernsey	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Scilly, St. Marys	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Pembrey	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Pembroke	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Aberporth	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Holyhead (Valley)	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Hawarden	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Manchester	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Squires Gate	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Silloth	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Finnigley	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Spurs Head	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Leeming	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Tynemouth	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Acklington	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	St. Abb's Head	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Leuchars	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100
	Ball Rock	11	6	8	5	100	14	9	11	5	100	14	9	11	5	100	14	9	11	5	100					



1949

morning

sun- shine to set	Humidity	hrs.	To day
1.0			
0.4	66	73	
	77	75	
	70	91	
		77	
	73	81	
		88	

6h 12h	
9.4	LOW
9.1	89.1
9.1	105
32	415
	922
	-05
2	2/20

02.0	
41.3	
5/5	

35	64
42	50
34	4/5

## GENERAL INFERENCE

A depression west of Iceland is expected to move east-north-east, while the ridge of high pressure off our western seaboard will cross the country. Scattered wintry showers mainly near exposed coasts and in northern Scotland will soon die out and milder and cloudy conditions will spread to most of the country. Slight rain or drizzle will occur in Wales and somewhat more general rain in the north-west and north of the British Isles. Slight ground frost and some fog patches are probable in South and southeast England tonight and at first tomorrow.

## FURTHER OUTLOOK

Milder and mainly cloudy, but fair periods in the east and southeast.

Gale warning.

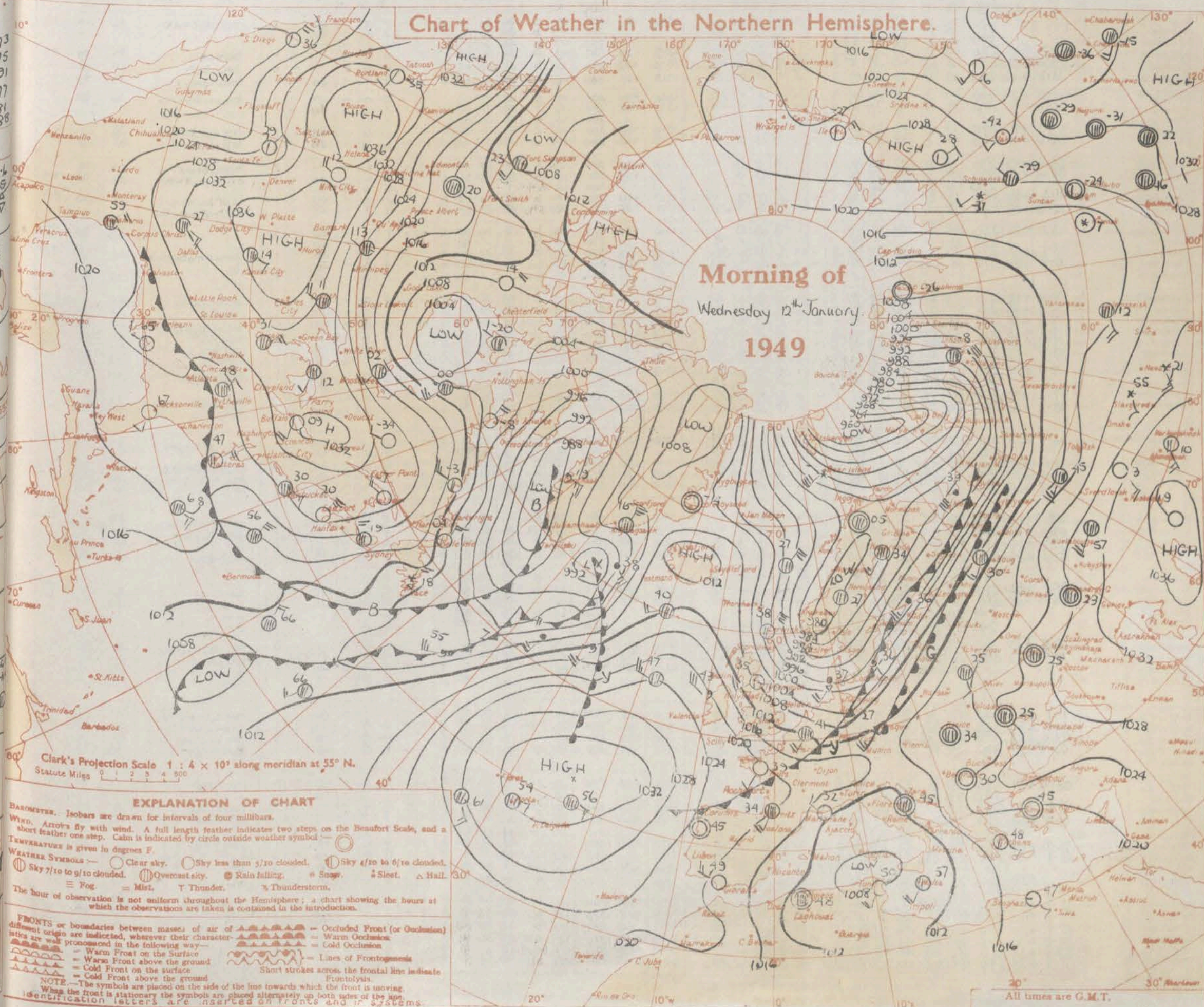
South coasts are flying on coasts north of a line Malloig to Firth of Forth and in Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

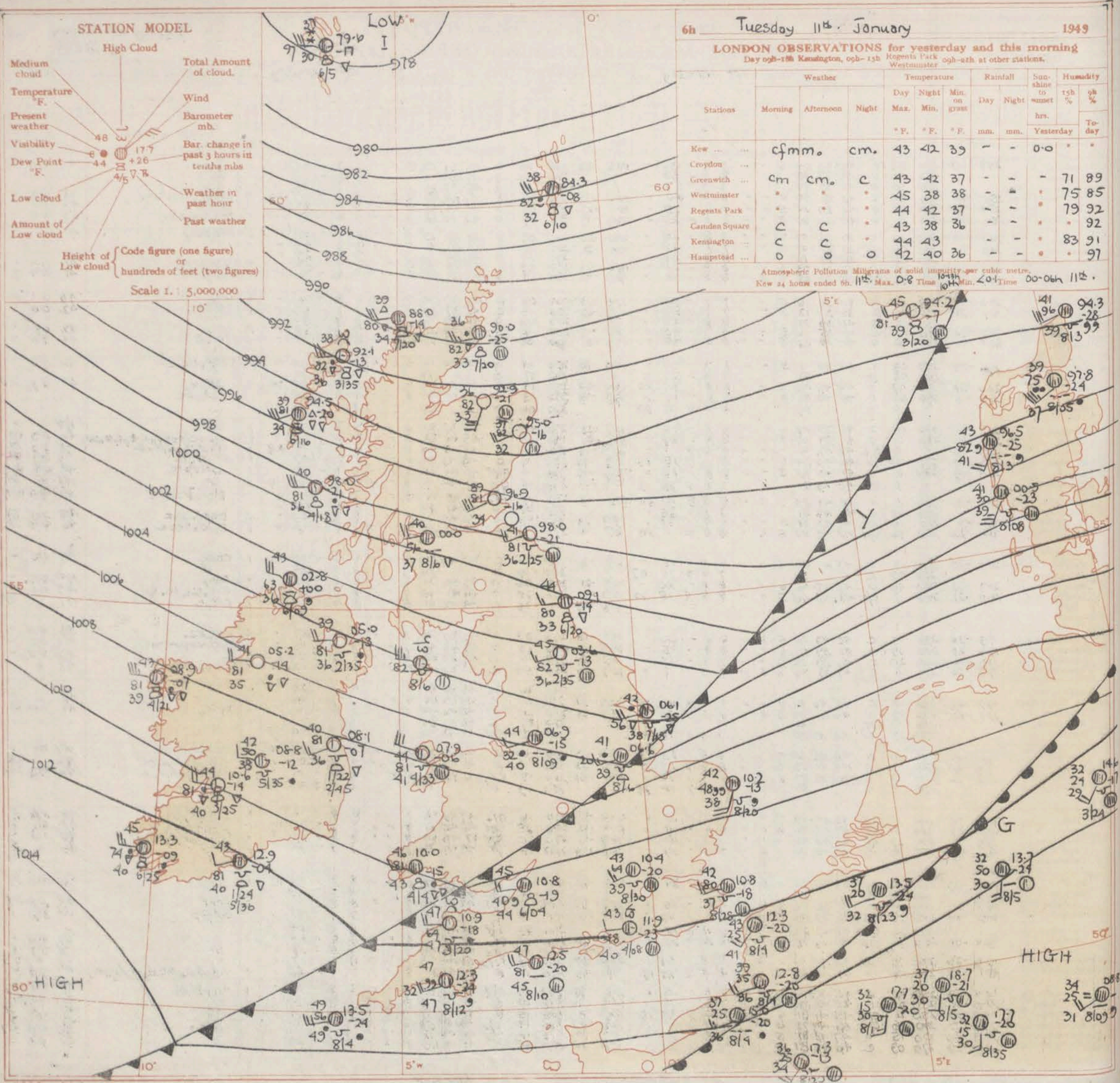
Morning of

Wednesday 12<sup>th</sup> January

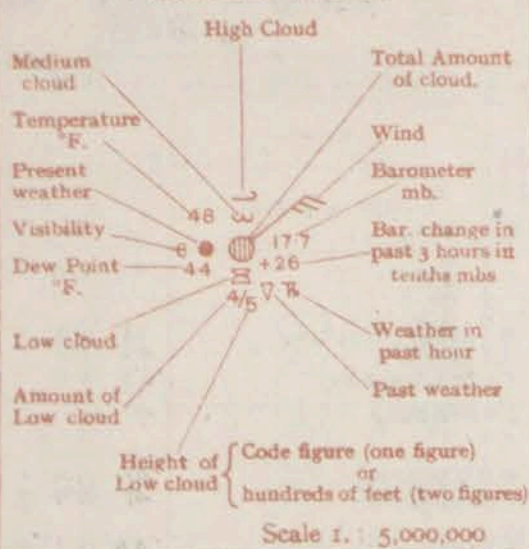
1949







# STATION MODEL



6h Tuesday 11th January 1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-15h Regents Park 09h-24h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine		Humidity	
	Morning	Afternoon	Night	Max.	Min.	Min. on grass	Day	Night	hrs.	to sunset	Yesterday	To-day
Kew												
Croydon												
Greenwich												
Westminster												
Regents Park												
Camden Square												
Kensington												
Hampstead												

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 11th. Max. 0.8 Time 10.15h Min. 0.1 Time 00-06h 11th.

A weak  
hear the  
extend  
and we  
except  
and on  
air from  
severe

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

0°

10°W

20°W

30°W

40°W

50°W

60°W

70°W

80°W

90°W

100°W

110°W

120°W

130°W

140°W

150°W

160°W

170°W

180°

190°

200°

210°

220°

230°

240°

250°

260°

270°

280°

290°

300°

310°

320°

330°

340°

350°

360°

Clark's  
Statute M

BAROMETER. In  
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short leather c  
TEMPERATURE IN  
WEATHER SYMB  
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FRONTS of  
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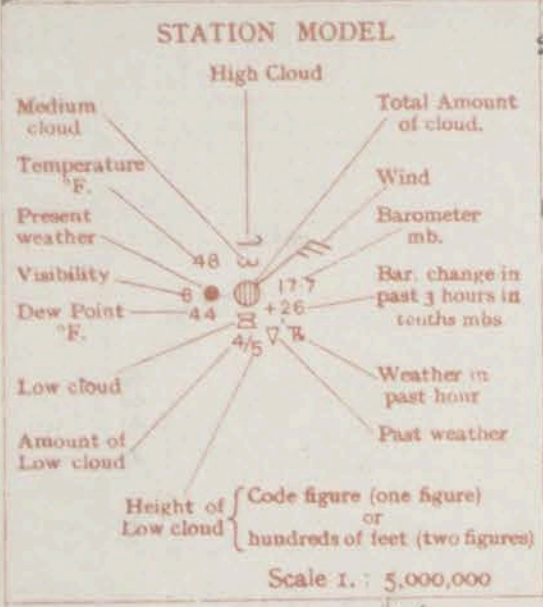
THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34829

NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.1

A = Main layer  
B = lowest cloud. \* See footnote p. 4





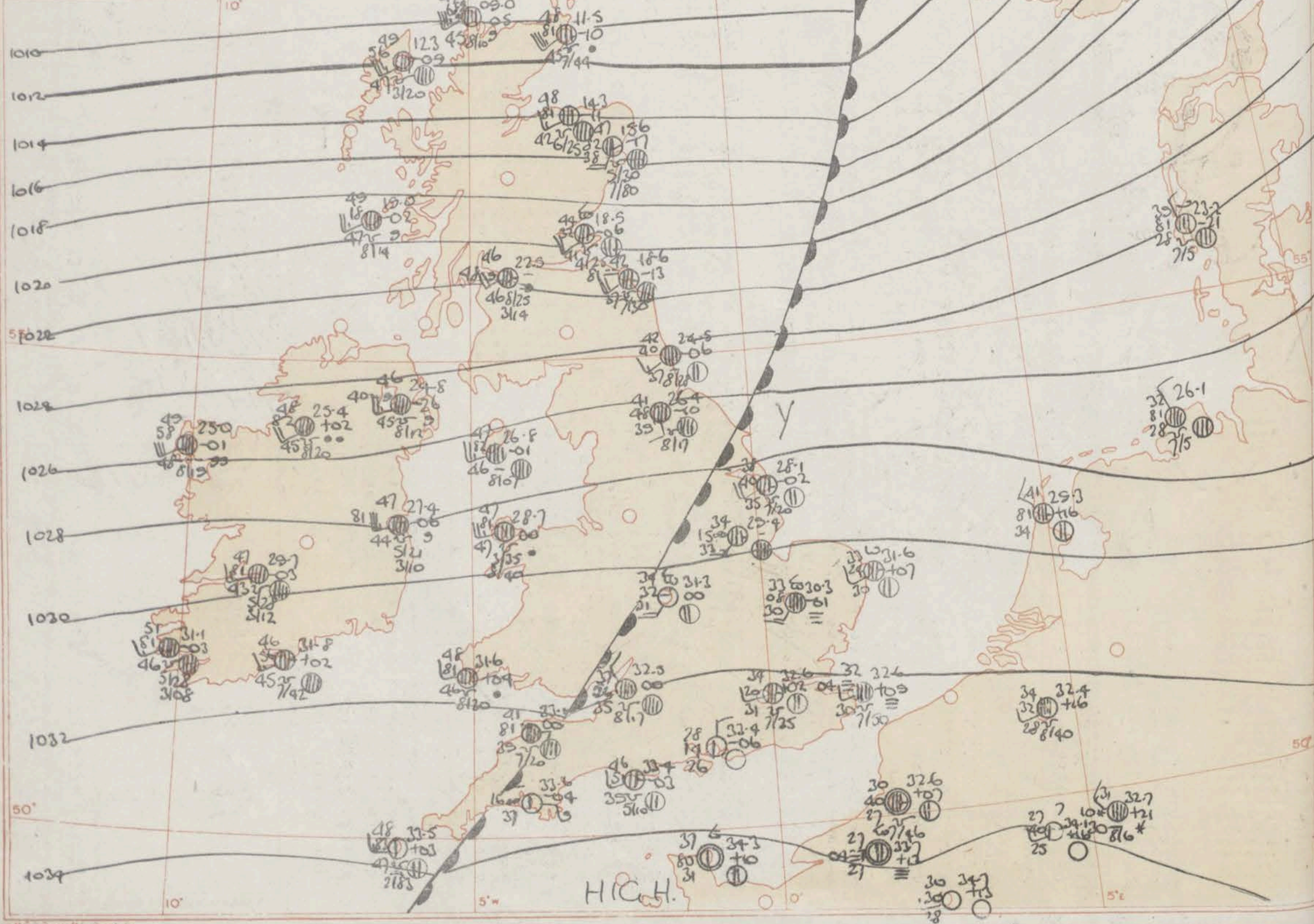
### 6h Thursday 13<sup>th</sup> January 1949

#### LONDON OBSERVATIONS for yesterday and this morning

Day 09h-12h Kensington, 09h-12h Regents Park 09h-12h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.	hrs.	12h %	9h %
Kew ...	2j6 cxbmx			41			-				
Croydon ...	bf			41			-				
Greenwich ...	cb20	b20y	bxcxm	40	31	21	-	-	3.656	72	
Westminster ...	.	.	.	44	30	22	Tr		63	80	
Regents Park ...	.	.	.	40	33	22	-	-	73	91	
Camden Square ...	c	b	.	42	33	24	-	-		83	
Kensington ...	bc	bc	.	41	32		-	Tr	78	88	
Hampstead ...	bc	cb2	ox	41	31	28	-	-		87	

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 12h. Max. 07 Time 24h Min. 01 Time 04/06 hrs 13<sup>th</sup>



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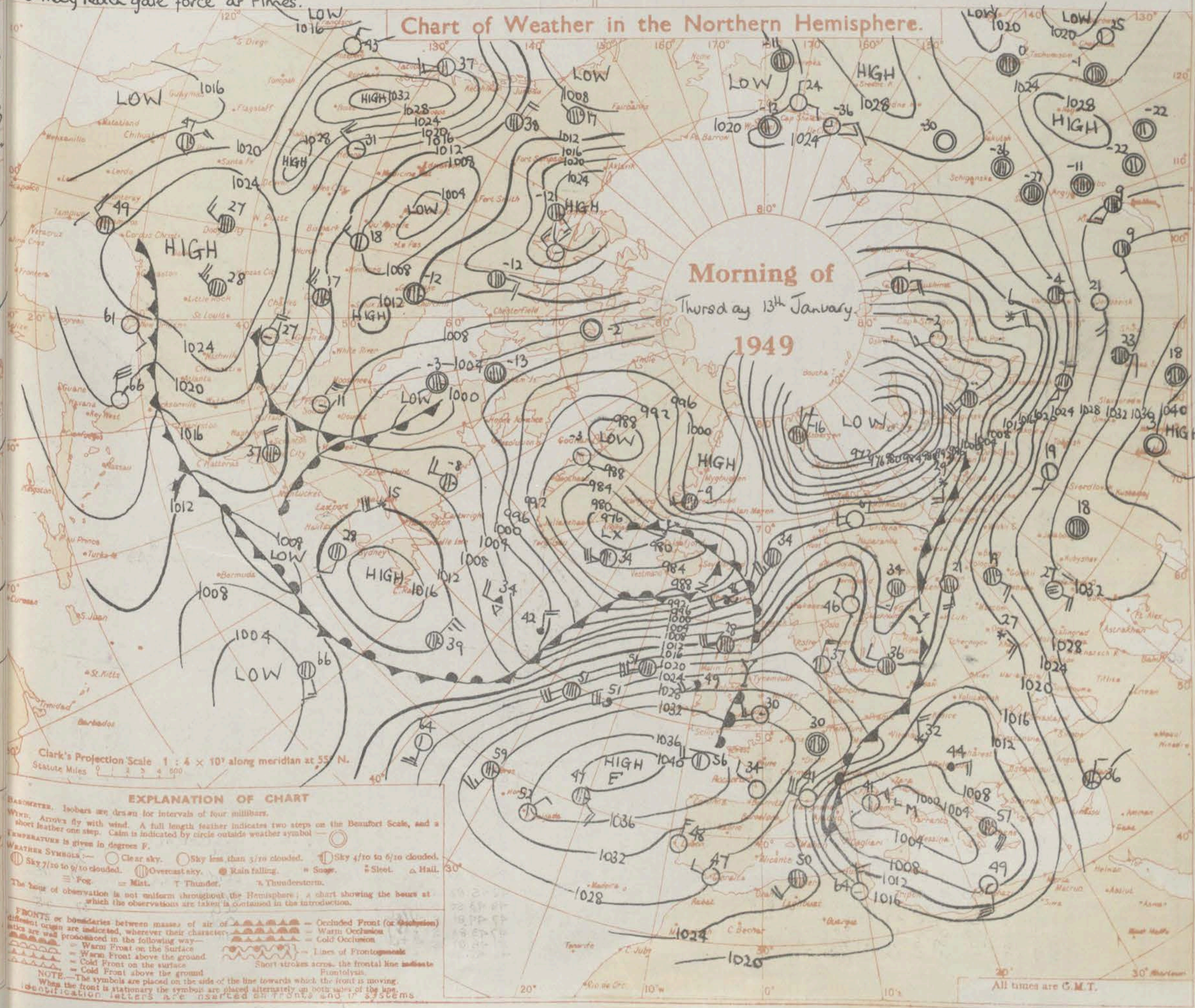
1949  
ning  
Humidity  
1st %  
2nd %  
To-day  
Yesterday

**GENERAL INFERENCE**  
An anticyclone centred southwest of the British Isles is almost stationary. A mild southwesterly current of air on its northern side has penetrated to most areas of the British Isles and will soon reach the southeast also. It will be cloudy or in some parts of Scotland later tonight and during tomorrow morning followed by somewhat colder conditions with some bright periods. Winds will be strong in North Scotland and may reach gale force at times.

**FURTHER OUTLOOK**  
Cloudy and mild in the Midlands and South with a chance of local slight rain chiefly in the west. Occasional rain in Northern England. Fair in many parts of Scotland with night frost possible.  
**Gale Warning**  
South coasts are flying on coasts North of a line Port Patrick to Firth of Forth, and Belfast to Loch Foyle, and in Orkneys and Shetlands

# Chart of Weather in the Northern Hemisphere.

**Morning of**  
Thursday 13th January  
**1949**





Rainfall for Fire Stations is for period  
0600h-1800h and 1800h-0600h.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

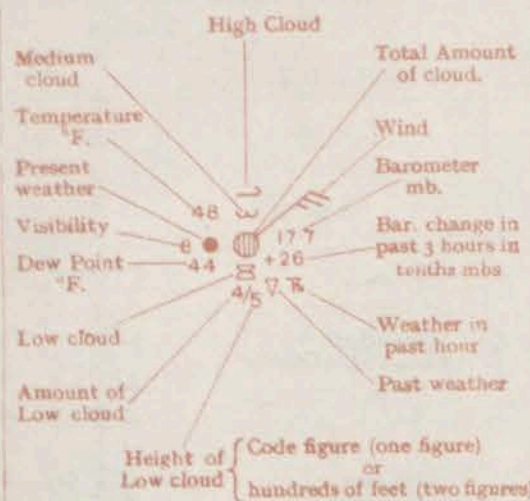
OBSERVATIONS during DAY 137

NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.

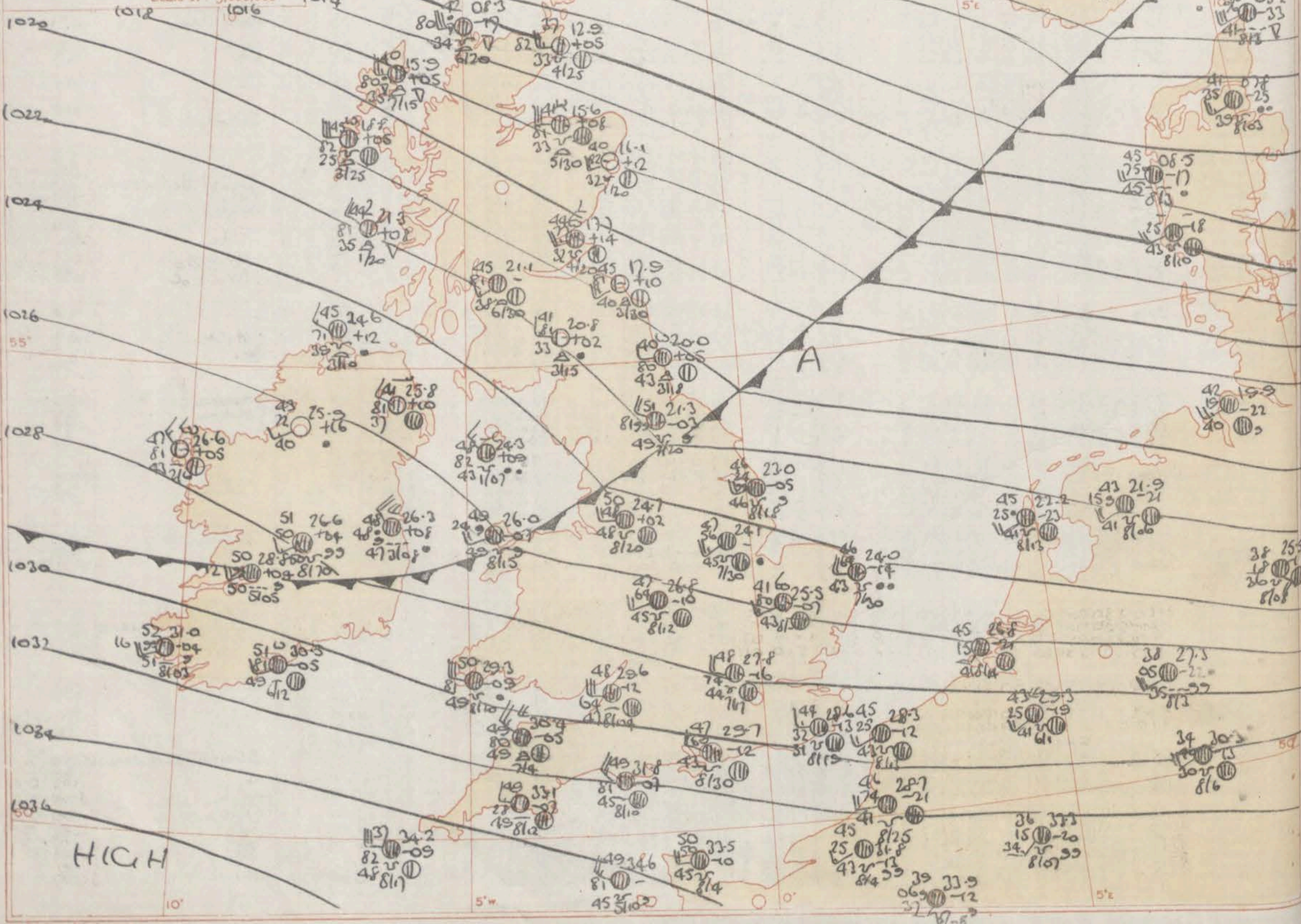
B = lowest cloud. † See footnote p. 4



## STATION MODEL



Scale 1: 5,000,000

6h Friday 14<sup>th</sup> January 1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-12h Kensington, 09h-15h Regents Park 09h-24h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine		Humidity	
	Morning	Afternoon	Night	Max.	Min.	Min. on grass	Day	Night	to sunset	hrs.	Yester	To-day
Kew ...	cfcma	cm 0	47	46	40	-	-	20	.	.	.	.
Croydon ...	oc	cm 0	48	47	43	-	-	1.1	76	83	.	.
Greenwich ...	cm	bcma	cm 0	48	47	43	-	-	.	.	.	.
Westminster ...	.	.	.	50	44	44	-	-	.	.	.	.
Regents Park ...	.	.	.	49	37	35	-	-	.	.	.	.
Camden Square ...	c	c	.	50	38	34	-	-	.	.	.	.
Kensington ...	c	c	.	50	48	+	-	-	.	.	.	.
Hampstead ...	bc	o	o	48	42	41	-	-	.	.	.	.

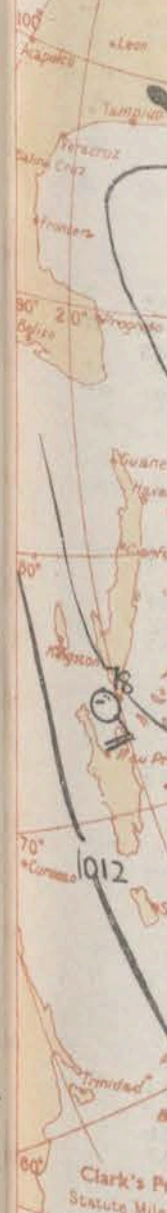
Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h.

Max 0.5 Time 8.15h 20. Time 2.46 14.4.

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followed by  
Scotland w  
become m

110°



Barometer. Isobars  
Wind. Arrows by  
short feather one  
TEMPERATURE is given  
WEATHER SYMBOLS  
☉ Sky 7/10 to 9/10  
☁ = Partly  
The hour of observation  
FRONTS or boundaries  
of different air masses  
are well marked  
NOTE: The hour of  
observation is given



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ring

Humidity

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To day

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## GENERAL INFERENCE

An anticyclone is centred southwest of the British Isles, and a west to northwest stream of air covers the country. Most parts of Southern England, the Midlands, and Wales will have cloudy mild weather with local light rain. Mainly fair weather in North England and East Scotland will be followed by dull conditions with rain at times later. Showers in West Scotland will give way to rain spreading from the west tonight. It will become milder in the North again tomorrow.

Mild and mainly cloudy: local rain in the west and northwest.

## Gale Warning

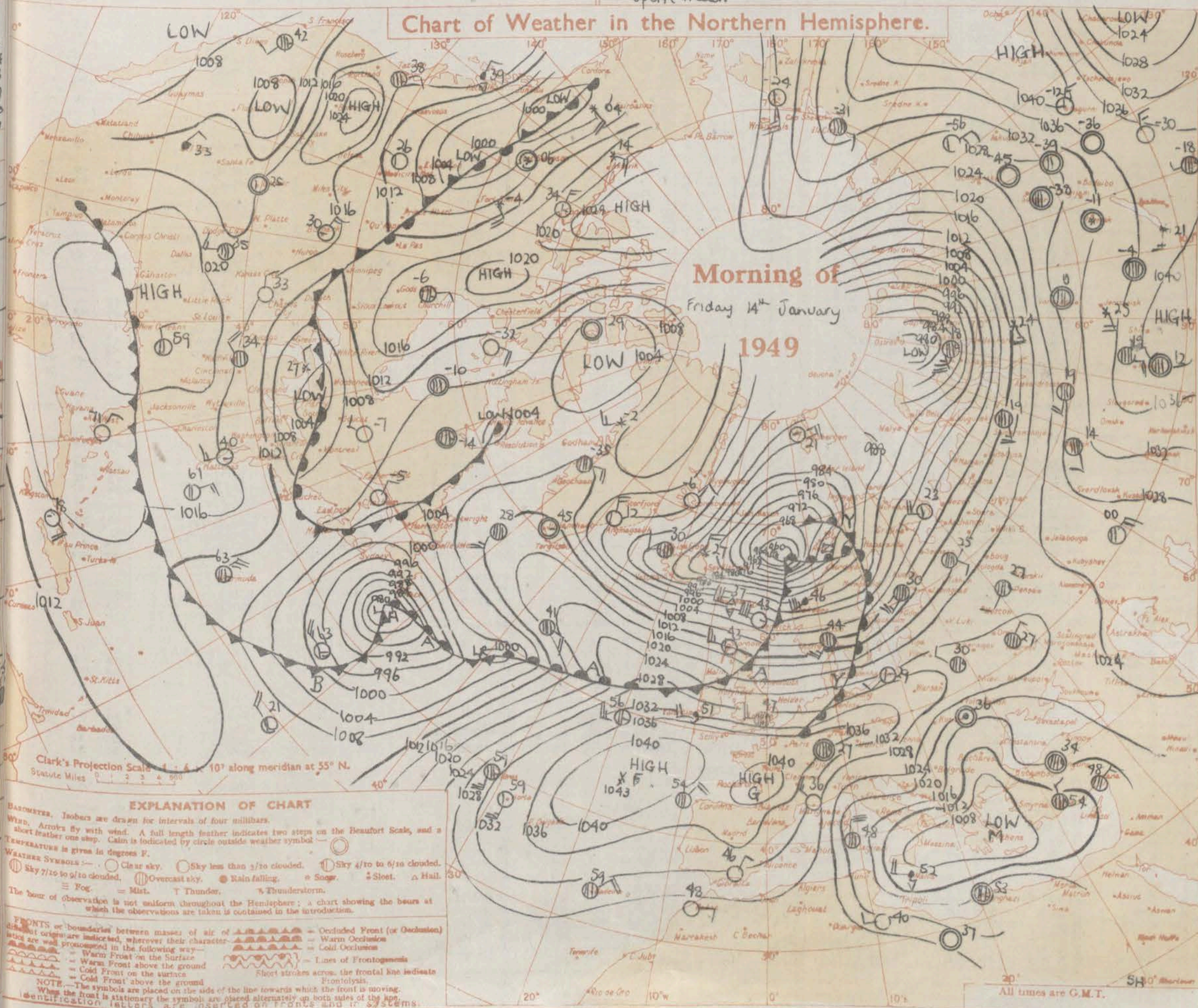
- ↑ North coasts are flying in the Orkneys and Shetlands and on northern coasts from Rudh Ré to Dornoch Firth.  
 ↓ South coasts are flying on eastern coasts from Dornoch Firth to Spurn Head.

## Chart of Weather in the Northern Hemisphere.

Morning of

Friday 14<sup>th</sup> January

1949



## 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 1/10 cloudy. ○ Sky 1/10 to 1/4 cloudy. ○ Sky 1/4 to 1/2 cloudy. ○ Sky 1/2 to 3/4 cloudy. ○ Overcast sky. ● Rain falling. ● Snow. ● Sleet. △ Hail. ○ Fog. ○ Mist. T Thunder. T Thunderstorm.  
 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.

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:  
 — Warm Front on the surface  
 — Warm Front above the ground  
 — Cold Front on the surface  
 — Cold Front above the ground  
 — Occluded Front (or Occlusion)  
 — Warm Occlusion  
 — Cold Occlusion  
 — Lines of Frontogenesis  
 Short strokes across the frontal line indicate Frontolysis.  
**NOTE.** The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 14th January 1949

No. 31830

OBSERVATIONS at 00hr. G.M.T. 14th January																				OBSERVATIONS at 06hr. G.M.T. 14th January																				OBSERVATIONS Thursday NIGHT									
District.	Stations.	Height above sea level in feet.	Barom. at station M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.						State of Ground.	Weather.		Temperature 21h-09h.		Rain.													
					Dir.	F.					Low.	Med.	High.	Total.	A.	B.			Dir.	F.					Low.	Med.	High.	Total.	A.	B.		0-9.	21h-09h.	Min. °F.	Max. on Grass °F.														
																																					Form.		Amount.		Height of Base Hundreds of feet.		Form.		Amount.		Height of Base Hundreds of feet.		
																																					(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	New Oreydon S. Parnborough Boscombe Down Calshot Tangmere	26 217 220 417 8	30.6 32.1 31.5	-15 -14 -14	230 280 260	11 17 16	C C C	47 47 46	44 45 43	56 80 80	5 5 5	- - -	- - -	8 8 8	25 14 25	28.4 29.3 30.3	-9 -13 -10	270 230 250	10 10 13	0 0 0	48 47 47	43 44 44	35 34 36	5 5 5	- - -	8 8 8	8 8 8	25 12 23	1 0 0	ccid.c cm.c	46 47 45	45 42 43	- - -																
2	Lymington Manston Sharncliffe Felicitown Gorleston	341 140 11 10 5	30.9 30.0 28.8 27.1	-13 -16 -11 -20	270 230 230 250	10 11 08 13	C C Z Z	44 46 43 46	42 42 40 42	56 80 14 40	5 5 5 5	- - - -	- - - -	8 8 8 8	25 28 29 25	28.6 27.6 27.5 24.0	-13 -13 -20 -14	270 240 250 260	11 16 16 13	0 0 0 0	44 46 47 46	41 42 42 43	32 30 30 34	5 5 5 5	- - - -	8 8 8 7	8 8 8 7	19 4 15 30	1 1 1 2	om.or.c	44 43 45	41 40 40	- 0.4 -																
3	Mildenhall West Raynham Waddington Grantham Hornley	15 250 335 340 427	27.6 26.3 28.1 28.7	-11 -15 -9 -3	220 230 220 250 210	10 17 17 15 16	0 C C C C	46 44 45 46 46	43 40 41 42 43	80 32 24 80 80	5 7 5 5 5	- - - - -	- - - - -	8 7 8 8 7	29 30 40 27 21	25.5 24.0 25.0 26.4 26.8	-7 -7 -12 -7 -10	230 250 240 250 230	10 17 17 13 14	0 0 0 0 0	46 45 47 45 47	43 43 45 42 45	80 32 32 31 34	5 5 5 5 5	- - - - -	8 8 8 8 8	8 8 8 8 8	12 30 30 22 12	1 1 0 1	cm.or.c cm.or.c cm.or.c ccid.c ccid.c	45 42 43 45	40 40 42 42	TR TR - 0.1																
4	Little Rissington Delford	731 58	29.4 31.8	-13 -4	250 250	13 12	C C	44 46	41 44	72 82	5 5	- -	- -	7 7	18 24	27.7 27.0	-7 -12	250 270	11 10	0 0	45 48	43 47	72 80	6 6	- -	8 8	8 8	3 18	1 1	cid.m.c cid.ccid.m.	43 46	42 43	TR TR																
5	Bristol Hartland Point Yeovilton	309 309 50	32.5 32.5	-4 -4	290 290	19 19	C C	48 48	47 47	56 56	6 6	- -	- -	7 7	16 20	29.6 30.4	-12 -5	250 290	12 19	0 0	49 49	47 49	80 80	3 2	- -	8 8	8 8	10 10	1 1	cid.ccid.m. cid.ccid.m.	46	43	TR																
6	Portland Bill Exeter Plymouth St. Eval Lizard Guernsey	38 180 86 343 340 348	32.7 33.3 34.3 35.2 35.6 35.9	-13 -11 -7 -2 -8 -6	270 280 270 270 260 270	13 08 10 16 22 15	0 C C C C C	49 48 48 48 48 48	45 43 47 48 46 44	81 82 81 81 80 81	6 5 6 6 6 5	- - - - - -	- - - - - -	8 8 8 8 8 7	10 22 25 20 30 15	31.8 31.5 33.1 33.7 33.3 34.6	-7 -9 -7 -6 -17 -8	290 290 270 260 270 290	19 20 18 12 26 18	0 0 0 0 0 0	49 49 49 49 49 49	45 46 48 48 46 46	81 81 81 81 80 81	5 5 5 5 5 5	- - - - - -	8 8 8 8 8 3	8 8 8 8 8 5	10 19 12 12 10 10	0 1 1 1 1 1	c cid.c cid.ccid.m. cid.ccid.m. cid.ccid.m. circpxo	48 47 47 47 48 45	43 43 46 45 41	- TR TR 0.1 0.3																
7	Scilly, St. Marys	163	35.4	-2	260	22	0	50	45	82	5	-	-	8	17	34.2	-9	270	23	0	51	48	82	5	-	8	8	17	1	cid.c	49	41	TR																
8	Pembrey Pembroke Aberporth	14 142 425	31.2 31.2 29.9	-6 -6 -10	270 300 250	15 29 18	0 C C	47 50 49	47 46 45	32 64 81	5 5 5	- - -	- - -	8 8 7	10 25 26	29.6 29.6 28.2	-4 -4 -8	270 310 260	23 26 19	0 0 0	49 50 49	48 49 48	82 70 80	5 5 5	- - -	8 8 7	8 8 7	15 28 83	1 1 1	cid.c cid.c ccid.cbc	50 47	46 46	12 0.1																
9	Holyhead (Valley) Hawarden	33 15	26.7 25.9	-13 -17	250 250	28 18	C C	50 47	47 43	92 81	5 5	- -	- -	7 8	35 82	26.0 25.0	-7 -12	250 250	15 20	0 0	49 50	49 48	24 24	5 5	- -	8 8	8 8	15 25	1 1	ecid.m.c	47	46	0.3																
10	Manchester Squires Gate Silloth	230 33 45	25.9 25.1 21.3	-17 -46 -3	220 230 200	18 25 12	0 C C	47 47 47	43 45 45	5 64 56	5 5 5	- - -	- - -	8 8 8	25 14	24.7 24.1 21.7	+2 -4 +7	270 250 250	16 20 12	0 0 C	50 46 46	48 45 41	24 28 21	5 5 5	- - -	8 8 6	8 8 6	20 01 23	1 1 1	cid.m.c cid.m.c cid.m.c	45 45 44	44 42 37	1 1 0.4																
11	Finnigley Spurn Head Leeming Tynemouth	28 29 105 108	24.3 24.2 22.5 19.8	+14 -20 -4 -1	270 250 240 270	16 12 18 13	C 0 0 0	49 45 50 50	41 42 44 44	82 16 81 56	7 5 7 6	- - - -	- - - -	7 8 8 8	20 65 20 12	23.5 23.0 21.8 20.0	-3 -5 -3 +5	290 260 290 270	14 12 12 05	0 0 0 C	50 46 51 50	47 46 49 43	18 24 81 80	5 5 5 2	- - - 3	8 8 7 6	8 8 7 3	11 15 20 18	1 2 1 1	ccid.ccid.m. cid.ccid.m. cid.ccid.m. cid.ccid.m.	42 42 43 45	39 41 41 38	1 TR TR -																
12	Acklington St. Abb's Head Leuchars Ball Rock Renfrew	138 280 31 31 35	14.9 13.5 13.5 13.5	+00 -12 -12 -12	250 250 230 230	19 30 21 21	0 C C C	48 50 49 49	45 46 45 45	81 38 72 56	8 5 5 5	- - - -	- - - -	7 7 7 8	20 30 31 16	17.9 17.7 17.7 17.7	+10 +14 +14 +14	240 240 250 240	07 24 18 11	bc bc C C	47 45 44 46	38 40 32 41	81 81 77 81	5 5 5 5	- - - -	4 3 7 6	4 3 4 4	20 30 20 20	0 1	cbc cbc	37 43	39 39	- -																
13	Penatwick West Freugh Rosedale Point of Ayre	30 52 794 30	19.4 21.8 21.8 21.8	-1 +2 +2 +2	240 270 270 270	17 21 21 30	0 0 0 0	48 50 48 48	48 48 48 48	06 60 60 81	7 7 7 7	- - - -	- - - -	8 8 8 8	05 24 24 15	21.6 23.0 20.8 20.8	+7 +7 +12 +12	280 300 270 310	17 17 10 19	0 0 0 0	46 45 41 41	37 40 33 33	81 81 61 81	5 5 2 2	- - - -	7 7 3 3	6 3 3 3	29 23 15 20	1 1 1 1	dodd.m.c crrd.m.c gr.bc	45 42 38	41 38 33	3 1 1																
14	Trees Benbecula	44 27	18.2 15.8	+29 +36	250 250	14 27	0 C	48 46	39 37	81 82	5 2	- -	- -	8 3	18 25	21.3 18.8	+8 +5	290 270	16 24	C C	44 45	35 35	81 82	2 3	- -	7 7	1 3	20 24	1 1	ccid.bc cbccpr.c	38 42	38 38	1 1																
15	Stormoway Cape Wrath Dalewhinnie	13 367 176	13.1 10.1 10.1	+38 +66 +66	270 250 250	15 19 19	0 C C	43 44 44	33 34 34	81 82 82	4 8 8	- - -	- - -	8 8 8	20 20 20	15.9 15.9 15.9	+5 +5 +5	270 270 270	20 20 30	0 0 0	40 40 42	35 34 34	80 80 80	3 3 3	- - -	7 7 6	7 7 6	15 20 20	1 2 2	bopr bopr bopr	39 38 38	36 33 33	1 1 1																
16	Dyce Rattray Lossiemouth Wick	234 40 21 114	12.1 12.2 12.2 10.1	-2 +38 +40 +40	300 280 240 230	10 19 17 30	0 C C C	51 47 47 42	45 45 39 39	80 80 81 82	6 5 5 5	- - - -	- - - -	8 6 6 0	11 30 30 0	16.1 15.6 12.9 12.9	+12 +8 +5 +5	260 270 260 270	12 13 23 24	b bc C bc	40 41 37 37	32 33 33 32	82 80 81 82	5 5 5 5	- - - -	1 4 7 4	1 4 4 4	20 35 30 25	1 1 1 1	ccid.bc cbccpr.c cbccpr.c	39 40 35	32 35 32	TR TR 0.5																
17	Hatston Lerwick	45 260	07.4 24.2	+41 +8	240 250	34 21	b C	43 52	42 51	81 44	1 7	- -	- -	1 8	21 11	04.3 26.6	+8 +5	270 290	19 30	0 0	43 47	40 43	72 81	- 3	- -																								



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 15<sup>th</sup> January 1949  
No. 31831

[illegible]

Maximum temperature and rainfall read at 1800. † Birr Castle reports at 1300.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

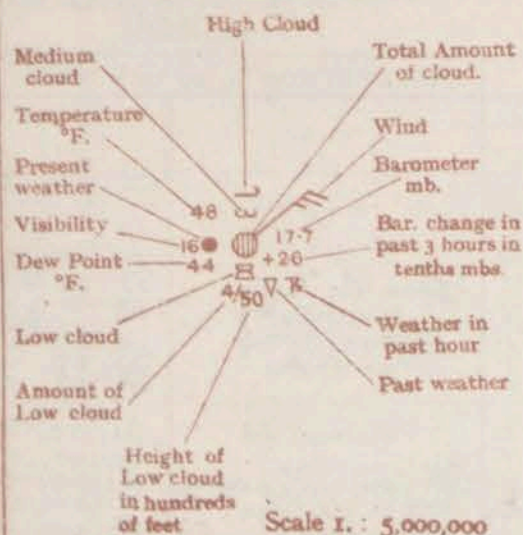
† See footnote p. 4.

\* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.4.



# STATION MODEL



6h Saturday 15<sup>th</sup> January

1949

## LONDON OBSERVATIONS for yesterday and this morning

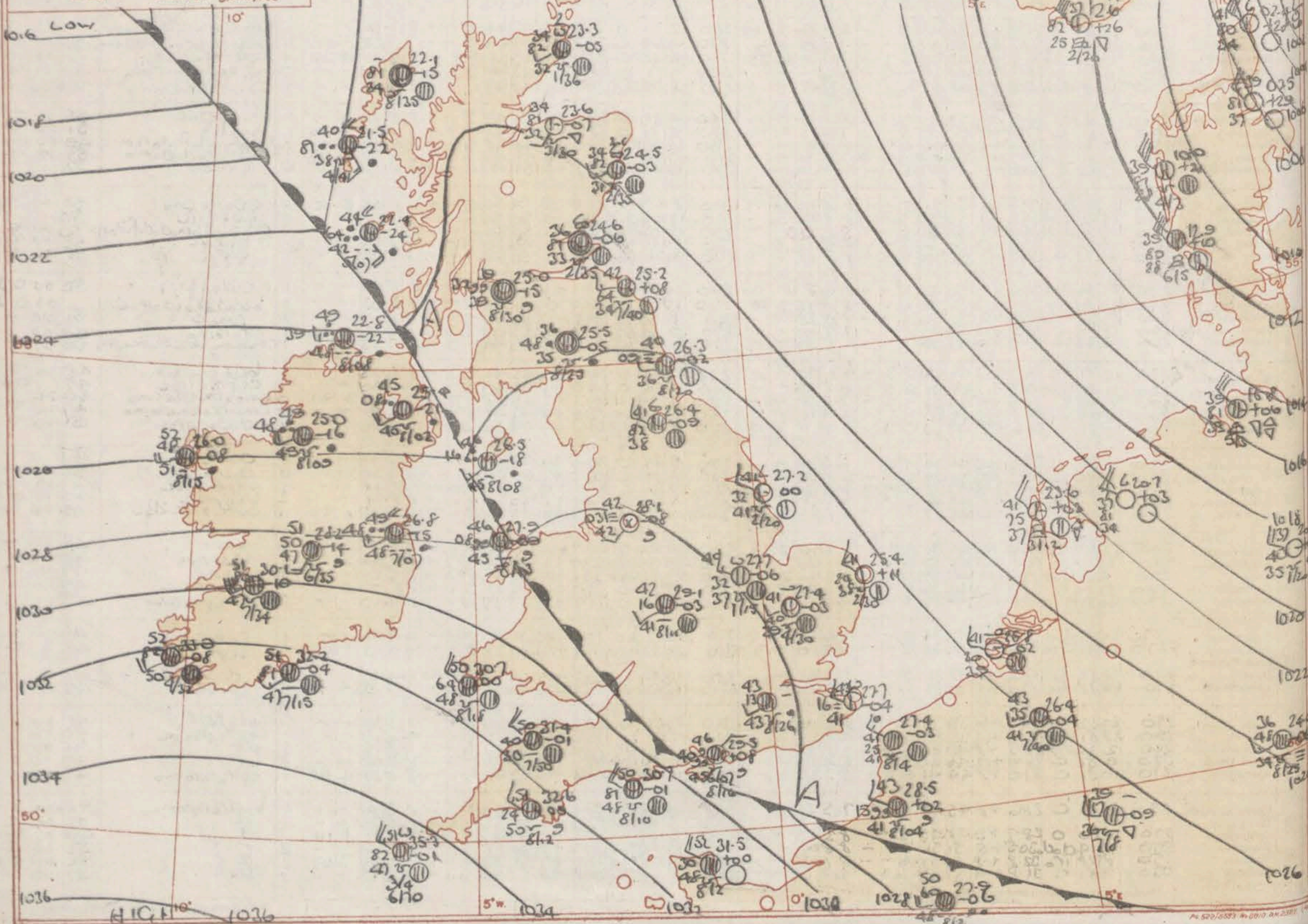
Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sun-shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		75h %	9h %
Kew ...	...	...	...	53	43	37	0.7	3	0.1	...	...
Croydon ...	...	...	...	53	41	36	0.2	2	-	...	...
Greenwich ...	...	...	...	53	42	36	-	1.8	0.0	81	84
Westminster ...	...	...	...	54	41	32	1.5	...	...	84	97
Regents Park ...	...	...	...	53	43	36	-	1.1	...	86	96
Camden Square ...	...	...	...	54	43	36	-	1.0	...	86	93
Kensington ...	...	...	...	54	43	+	2.2	...	...	97	94
Hampstead ...	...	...	...	53	41	36	0.6	1.1	...	97	98

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.

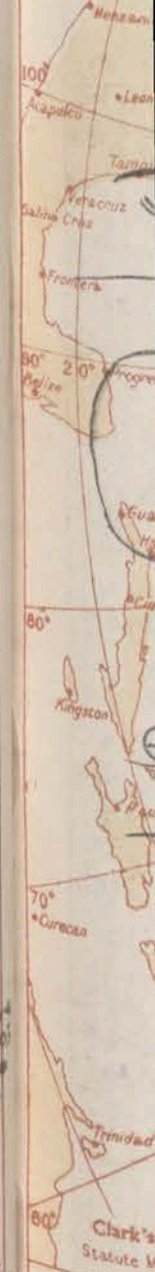
Kew 24 hours ended 6h.

Max. 0.5 Time 1815h. Min. 0.1 Time 215h. 15<sup>th</sup>.



A warm belt of rain very mild southeast tomorrow and some Scotland.

110°



Clark's Statute M.  
BAROMETER, is...  
Wind, Arrows...  
short feather of...  
TEMPERATURE is...  
WEATHER SYMBOLS...  
Sky 6/8 or 7...  
Steel. A...  
The hour of ob...  
FRONTS or b...  
different origin...  
ities are well pr...  
NOTE...  
When the...  
Identical



1949

Morning

Humidity	
75%	90%
81	24
84	37
86	96
91	93
97	94
98	98

## GENERAL INFERENCE

A warm front moving eastwards across the country will give a broad belt of rain across Northern districts, the Midlands and Eastern districts followed by very mild dull conditions with local slight rain. A cold front is expected to move southwards across Scotland later today and tonight and with Northern England tomorrow morning. It will bring a rather narrow rain belt followed by improved and somewhat colder conditions though there may be some showers in Western Scotland. Southwesterly winds may reach gale force in the north of Scotland.

## FURTHER OUTLOOK

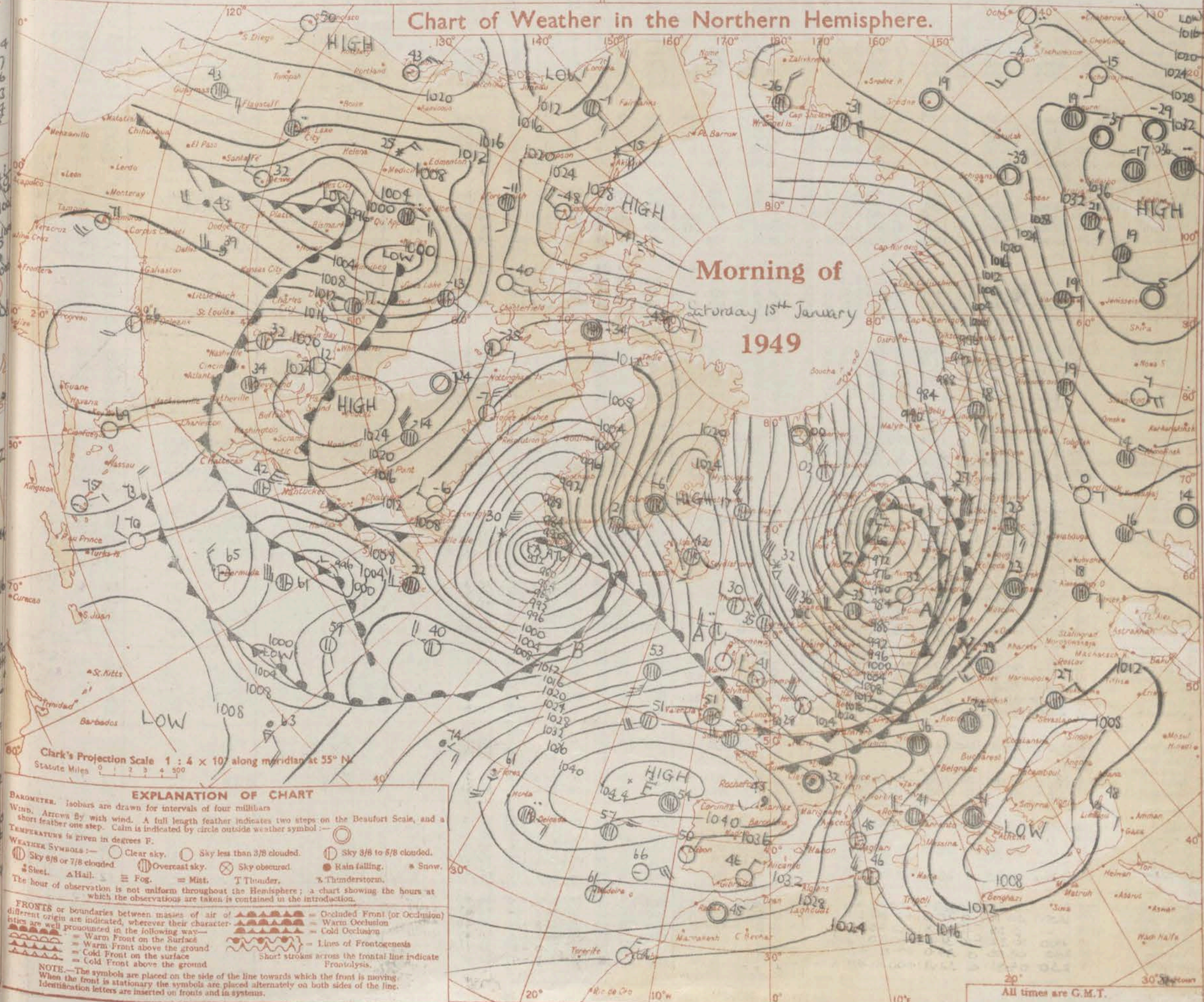
Mild and dull with local rain in the Midlands and South at first though some improvement is probable in Eastern districts during the period. Colder and Showery in many northern districts with a chance of sleet or snow on high ground.

## Gale Warning.

South coasts are flying on coasts of Scotland north of a line from Ruth Rē to Dornoch Firth and in Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 15<sup>th</sup> January  
1949



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 15th January 1949  
No. 31831

[illegible]

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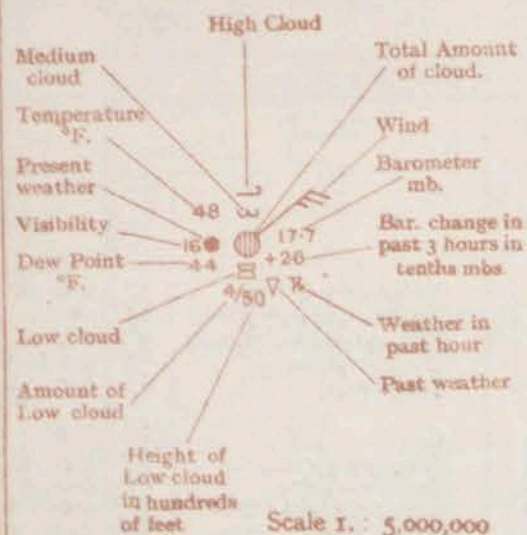
\* Information not usually received.







## STATION MODEL

6h Sunday 16<sup>th</sup> January

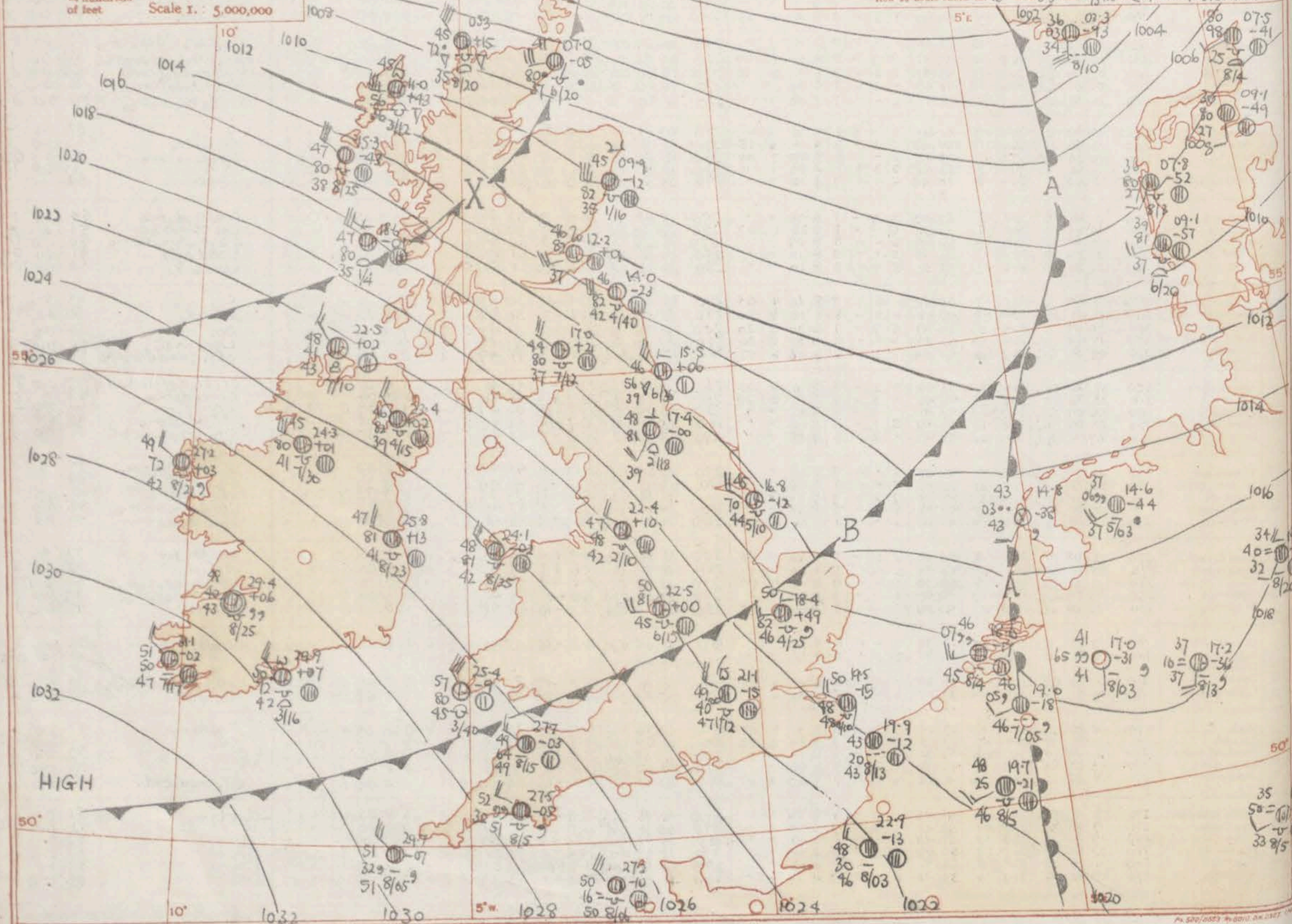
1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h  
Regents Park 09h-15h at other stations,  
Westminster

Stations	Weather			Temperature			Rainfall		Sun- shine to miles	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yester- day	To- day
Kew ...				51	47	40	2	-	0.0	*	*
London Airport	ci	mo	fo	51	47	39	1	Tr	*	*	*
Greenwich ...	om	or	fo	49	49	42	2.3	0.3	0.0	96	80
Westminster	cd	de	af	51	44	39	10			93	83
Regents Park											
Canal Square											
Kensington ...	cd	cd		53	43	+	2.4	0.2		96	89
Hampstead ...	or	o	bc	49	46	41	2.6	-			91

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 16<sup>th</sup> Max. 0.5 Time 15h Min. 0.1 Time 1-6h on 16<sup>th</sup>An a  
while a  
mainly  
some  
Scotian  
the At  
to-night  
midday

110°  
100°  
90°  
80°  
70°  
60°  
50°  
40°  
30°  
20°  
10°  
0°  
10°  
20°  
30°  
40°  
50°  
60°  
70°  
80°  
90°  
100°  
110°

Clark's  
Statute Mi

BRONZE. ISO  
Wind. Arrow  
short feather of  
TEMPERATURE in  
WEATHER SYMBOL  
Sky 8/8 or 7/7  
Steel. 0/0  
The hour of obs

FRONTS or be  
different origin at  
times are well pro  
NOTE  
When the  
Identical



1949

raining

Humidity	
1st	2nd
%	%
Today	Tomorrow
96	80
93	83
96	89
91	91

on 16th

07.5

-41

8.4

09.1

-49

10.1

10.2

10.1

10.1

10.1

10.1

10.1

10.1

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10.1

## GENERAL INFERENCE

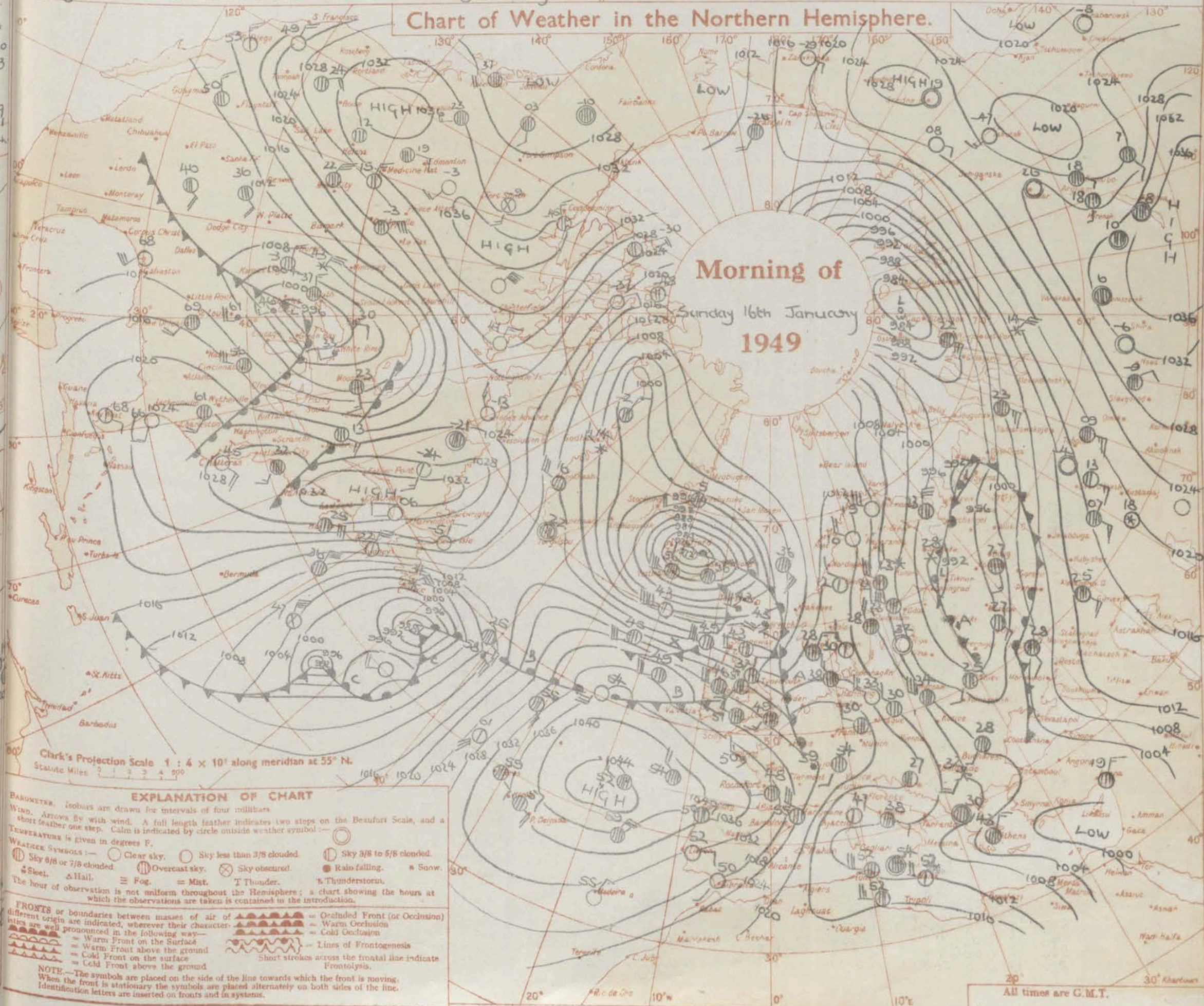
An anticyclone persists to the south-west of the British Isles while a depression near Iceland is moving east. Weather will be mainly cloudy in most places to-day though there will be some bright periods. Showers will occur in west and north Scotland. A trough of low pressure will bring rain from the Atlantic to most western districts of the country late to-night, spreading east to most remaining areas by midday tomorrow. It will be rather mild generally.

## FURTHER OUTLOOK

Some rain in the east and north at first, otherwise generally cloudy with local rain or showers.

## Chart of Weather in the Northern Hemisphere.

Morning of

Sunday 16th January  
1949

All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 16<sup>th</sup> January 1949  
No. 31832.....

No. 31832

[illegible]

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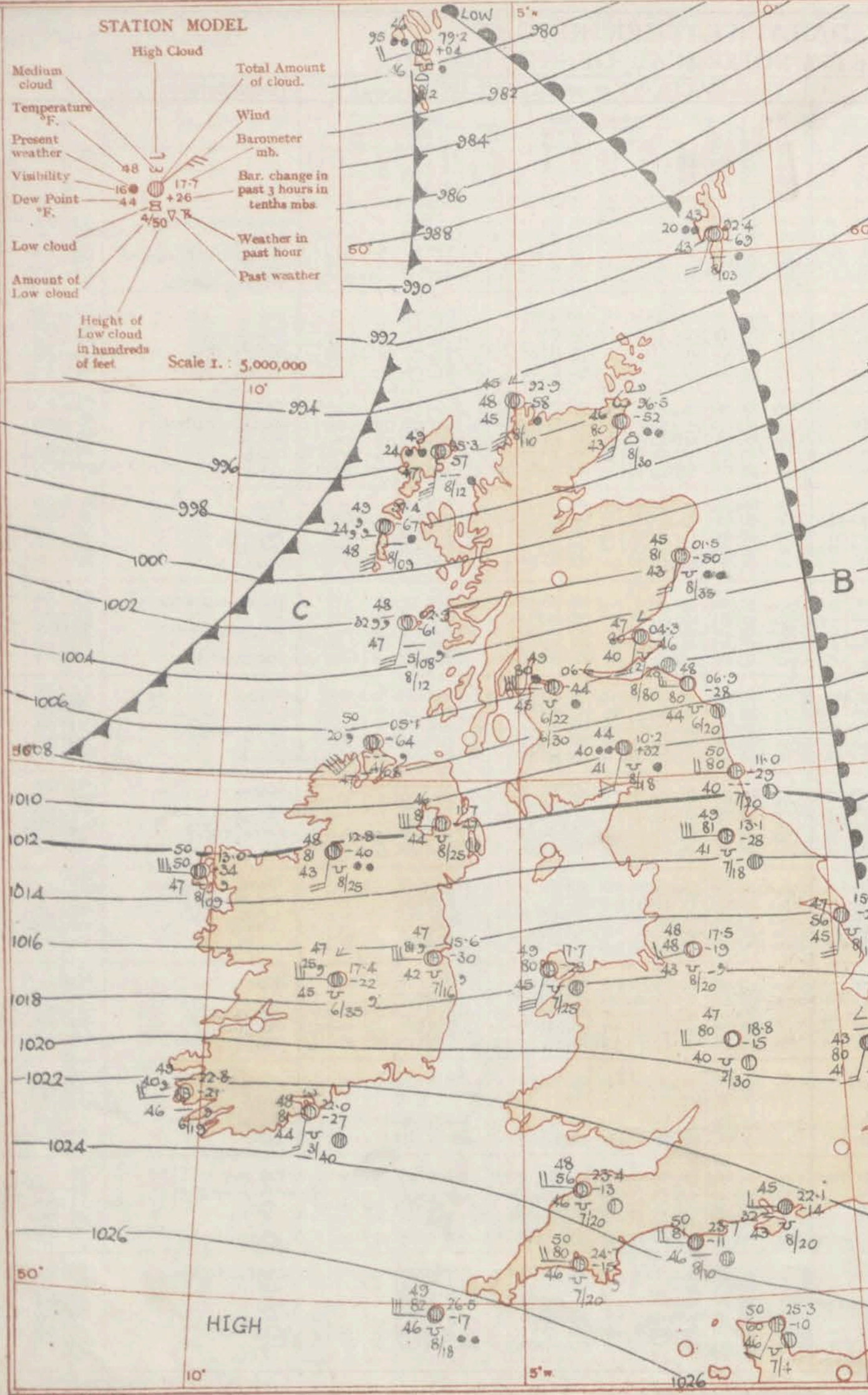
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\* Information not usually received.



NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Metereological Office, Air Ministry, Kingsway, London, W.C.2.





6h Monday 17th January, 1949

**LONDON OBSERVATIONS for yesterday and this morning**  
 Day 09h-15h Kensington, 09h-15h Regents Park 09h-21h at other stations, Westminster

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yesterday	To-day
Kew ...	cm	wc	bccz	50	43	38	0.5	-	0.3	*	*
London Airport	cbccz	cbccz	cbccz	50	41	38	TR	-	*	*	*
Greenwich ...	cm	cbccz	cbccz	49	42	37	-	0.5	0.0	66	76
Westminster	cm	cbccz	cbccz	50	43	37	-	0.5	*	72	72
Regents Park	.	.	.	50	43	38	-	0.7	*	78	80
Camden Square	c	c	.	52	43	38	-	0.5	*	74	74
Kensington ...	bc	bc	.	50	43	.	-	0.6	*	73	82
Hampstead ...	bc	cor	o	48	41	37	-	0.6	*	*	83

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
 Kew 24 hours ended 5h. 17th. Max. 0.4 Time 16h. Min. 0.1 Time 17h.

A cold from this afternoon conditions fair periods be heavy likely in ground in

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

0°

-10°

-20°

-30°

-40°

-50°

-60°

-70°

-80°

-90°

-100°

-110°

-120°

-130°

-140°

-150°

-160°

-170°

-180°

Clark's P. Statute Miles

Barometer. Isobars. Wind. Arrows by short feather one. Temperature is in °F. Weather symbols. Sky 8/8 or 7/8. Steel. AM. The hour of observation.

FRONTS or boundaries of different air masses are indicated by well known symbols.

NOTE.—T. When the Identical



1949

ing

Humidity

rsh %

gh %

To-day

day

\* 66

76

72

78

80

74

73

82

83

02.6

+0.3

0.2

+0.4

6

1010

1012

1014

1016

1018

1020

1022

1024

1026

1028

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1038

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1080

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1084

1086

1088

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1092

1094

1096

1098

1100

1102

1104

1106

1108

1110

1112

1114

1116

1118

1120

## GENERAL INFERENCE

A cold front moving southeast across the southern half of England and Wales this afternoon will give a narrow rain belt followed by rather colder but fair conditions replacing the cloudy mild weather. Further north it will be cold with fair periods and squally showers and strong to gale force winds. The showers will be heavy at times in the west and in North Scotland and local thunder is likely in west and North Scotland. Snow showers will occur later on high ground in the North and perhaps on low ground in North Scotland.

## FURTHER OUTLOOK

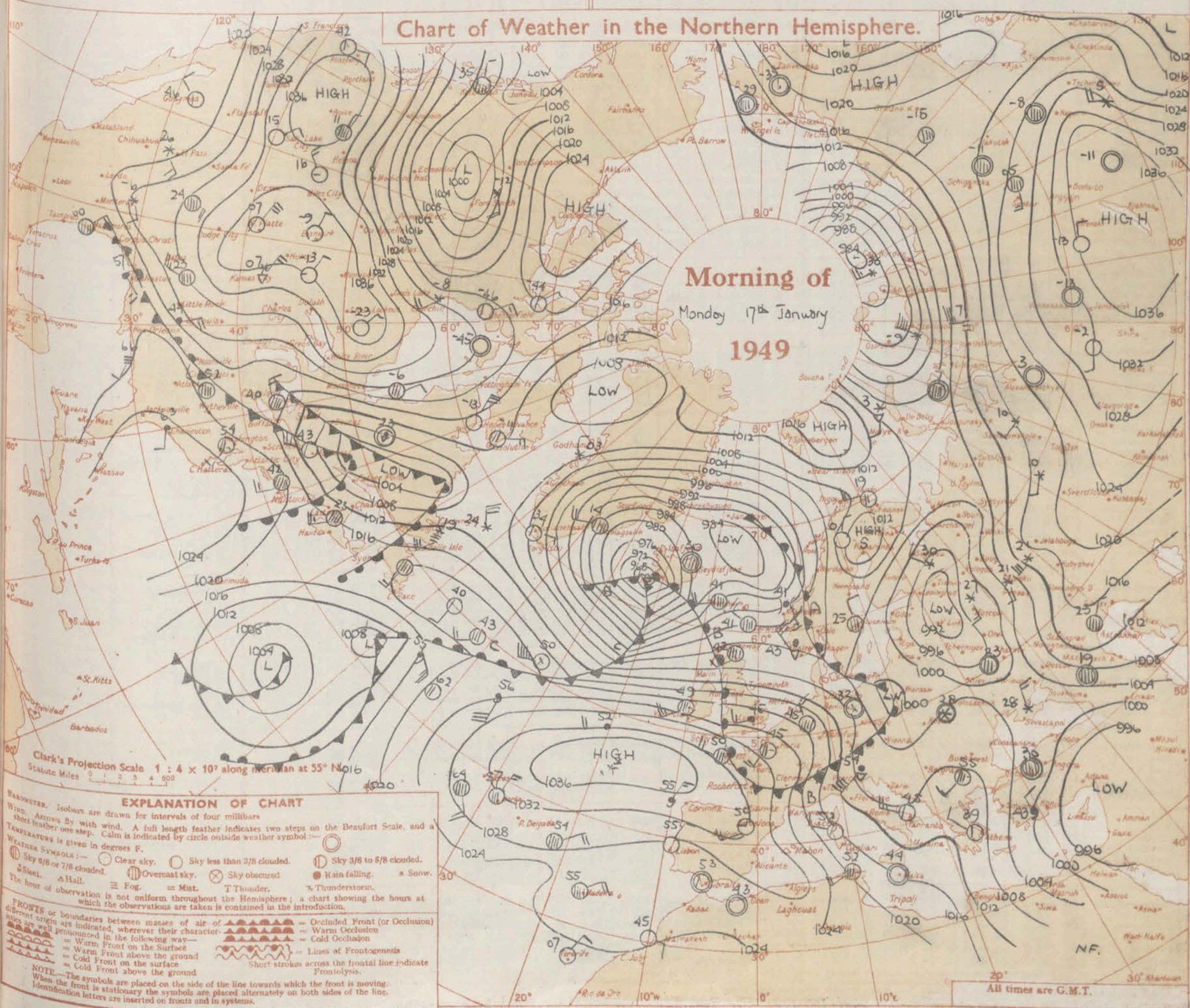
Showers soon dying out in the north; milder stormy conditions with occasional rain spreading to all areas.

## Gale Warning:-

North coasts are flying in the Orkneys and Shetlands, on all coasts of England, Scotland and Wales, and on North Irish coasts from Foyle to Holyhead.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 17<sup>th</sup> January  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N 016  
Statute Miles 0 2 3 4 500

## EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.  
WIND. Arrows by 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. Isotherms are drawn for intervals of two degrees F. A chart showing the hours at which the observations are taken is contained in the introduction.  
WEATHER SYMBOLS: — Clear sky. — Sky less than 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.  
FRONTS or boundaries between masses of air of different origins are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground.  
NOTE. The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 17th January 1949

No. 3/833

OBSERVATIONS at 00hr. G.M.T. 17th January																	OBSERVATIONS at 06hr. G.M.T. 17th January																	OBSERVATIONS Sunday. NIGHT						
Distance	STATIONS	Height above M.S.L.	Wind		Pressure	Temp.	Cloud						Wind	Temp.	Cloud						9 h	Weather		Temperature		Rain														
			Direction (degrees)	Speed (kts.)			Form	Main layer	Lowest layer	Ht.	Direction (degrees)	Speed (kts.)	Form	Main layer	Lowest layer	Ht.	21 h.-09 h.	Min. 9h	Min. on Grass 9h																					
																				mb.		Change in 3 hrs.	°F.	°C.	Low.		Medium.	High.	Total amount.	0-8	0-8	0-8	0-8	0-8	0-8					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
0	Kew ...	18	*	*	*	45	*	*	*	*	*	250	07 20	0	21.2	-14	45	41	5	-	-	8	8	25	-	-	1	C2ofo Cmo	43	38	0.5									
	London Airport ...	82	230	10 40	45	40	-	7	-	-	-	200	08 40	2	21.2	-9	43	41	5	-	-	8	8	15	-	-	1	O1ofo Cmo	41	38	TR									
1	Lymington ...	341	260	08 24	C	23.0	-5	40	37	-	-	260	07 40	C	21.7	-8	40	39	5	-	4	-	7	7	15	-	-	1	C2ofo Cmo	39	34	TR								
	Tangmere ...	53	270	01 16	C	24.9	-3	40	38	-	-	270	07 32	0	22.1	-14	45	43	5	-	-	7	7	20	-	-	1	C2ofo Cmo	40	36	TR									
	Caishot ...	8	230	06 64	C	24.7	-10	45	40	5	-	250	14 64	C	22.4	-15	47	44	5	-	-	7	7	15	-	-	0	C	44	41	-									
2	Boscombe Down ...	414	290	09 56	0	24.6	-2	44	40	5	3	260	12 56	0	21.9	-13	47	43	5	-	-	8	8	26	-	-	1	Cmo Cidoc	43	37	TR									
	Felixstowe ...	10	290	08 56	0	20.4	-10	44	39	-	-	270	08 56	0	19.6	-8	44	39	5	-	7	-	8	5	23	-	-	1	Cidomocmo	42	35	TR								
	Gorleston ...	5	290	12 40	2	19.4	-1	44	39	-	-	270	08 64	0	19.0	-5	45	42	5	-	-	8	8	20	4	25	1	Cmo Cmo	44	40	TR									
	West Raynham ...	250	270	18 40	0	19.7	-10	43	39	-	-	220	15 40	C	17.9	-10	43	39	5	-	-	7	7	15	-	-	0	Cmo Cmo	41	38	TR									
	Mildenhall ...	15	270	08 56	0	20.7	-7	45	40	-	-	210	10 80	C	18.3	-14	43	41	-	-	7	-	7	-	-	1	Cmo Cmo	42	34	TR										
3	Cranfield ...	340	290	09 80	0	21.7	-3	44	38	-	-	250	11 40	0	19.4	-11	43	40	5	-	-	8	8	29	2	15	0	Cmo C	40	38	-									
	Honiley ...	427	270	09 48	0	22.7	-7	44	39	-	-	250	12 80	0	18.8	-15	47	40	5	-	-	2	2	230	-	-	1	C2ofo Cmo	44	40	-									
	Wittering ...	238	290	15 64	0	20.6	-13	45	38	-	-	250	09 64	0	17.6	-12	42	40	5	-	4	8	3	2	-	-	0	C2ofo Cmo	42	37	-									
	Watnall ...	366	270	08 40	2	20.7	-13	45	38	5	-	270	12 48	2	16.3	-28	47	40	5	4	1	6	5	25	-	-	1	C2ofo Cmo	44	41	-									
4	Little Risington ...	740	270	12 64	0	23.1	-4	42	37	5	7	270	13 64	0	19.5	-18	45	40	5	4	-	2	2	24	1	25	1	C2ofo Cmo	41	41	-									
5	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	260	05 32	C	20.6	-12	50	42	5	-	-	7	5	25	-	-	1	beebc	44	-	-									
	Shawbury ...	235	250	20 81	C	22.2	-19	46	39	5	3	280	20 81	C	18.0	-21	47	41	5	3	-	6	5	35	3	20	1	C	45	42	-									
	Bristol ...	209	270	13 24	C	24.8	-17	44	41	-	-	270	12 32	0	22.1	-13	48	45	5	-	-	8	8	27	-	-	1	Cmo C	43	39	TR									
	Exeter ...	100	310	05 80	C	26.4	-17	46	44	5	3	290	20 80	0	23.8	-	49	44	5	-	-	8	8	25	6	22	1	C	44	38	TR									
	Portland Bill ...	32	310	13 81	C	25.6	-10	48	43	6	-	290	13 81	0	23.7	-11	50	46	6	-	-	8	8	10	-	-	0	C2ofo C	48	-	-									
	Plymouth ...	90	290	04 48	2	27.7	-9	41	41	6	1	290	12 80	C	24.7	-15	50	46	5	-	-	7	7	20	-	-	1	beebc	49	42	TR									
	Chivenor ...	20	270	10 64	0	27.1	-12	49	47	5	7	280	20 81	0	24.0	-16	49	47	5	-	-	8	8	26	-	-	1	Cidomocmo	45	36	-									
	St. Eval ...	336	290	07 40	2	28.8	-9	48	48	5	1	270	15 40	0	26.0	-15	49	45	5	-	-	8	8	20	-	-	1	beebc	45	42	TR									
	Lizard ...	240	290	14 56	0	28.9	-4	50	48	5	1	270	13 56	0	26.6	-12	49	47	5	-	-	8	8	08	-	-	1	Cidomocmo	48	-	TR									
	Scilly, St. Mary's ...	163	290	14 48	0	30.0	-7	50	50	6	-	270	22 82	0	26.5	-14	49	46	5	-	-	8	8	18	-	-	1	beebc	49	-	TR									
	Guernsey ...	340	300	13 40	2	28.0	-6	47	43	5	-	280	13 80	0	26.1	-10	49	47	5	-	-	8	8	10	-	-	1	Cidomocmo	46	42	TR									
	Aberporth ...	375	230	13 48	1	24.7	-16	47	47	6	2	230	09 80	C	21.0	-18	48	45	5	-	-	7	7	24	-	-	1	Cidomocmo	45	41	TR									
6	Pembroke ...	142	290	16 56	0	25.5	-20	50	48	5	-	310	20 64	0	22.3	-12	50	43	5	-	-	8	8	25	-	-	0	Cidomocmo	47	-	TR									
7	Holyhead (Valley) ...	32	200	22 56	0	22.0	-23	49	47	5	-	230	22 80	C	17.7	-28	49	45	5	-	-	7	7	25	-	-	0	C	46	44	-									
8	Manchester ...	298	260	11 20	0	21.3	-14	47	42	5	-	260	09 48	C	17.5	-19	48	43	5	-	-	7	7	20	-	-	1	Cmo C	44	43	TR									
	Squires Gate ...	33	230	17 48	0	21.2	-10	45	43	6	-	250	22 64	0	17.0	-22	46	44	5	-	-	8	8	43	3	20	1	Cidomocmo	45	43	TR									
	Silloth ...	25	230	13 56	0	17.0	-18	45	44	5	-	240	20 64	0	11.3	-31	47	45	5	-	-	8	8	25	-	-	1	Cidomocmo	46	42	TR									
9	Finningley ...	52	290	13 32	2	19.8	-8	47	40	5	-	270	16 81	0	15.3	-24	49	41	5	-	-	8	8	32	3	12	0	C2ofo	46	41	-									
10	Spurn Head ...	29	290	24 40	C	18.4	-5	45	40	5	-	260	19 56	0	15.3	-29	47	45	5	-	-	8	8	15	-	-	1	Cmo C	45	-	-									
	Leeming ...	105	240	09 81	0	17.7	-11	47	39	5	7	270	22 81	C	13.1	-28	48	41	5	-	-	7	7	18	-	-														



1949

NIGHT

Temperature	Rain
Min. on Grass (40)	mm. (1)
38	0.5
38	TR
34	TR
36	-
41	-
37	TR
35	TR
38	-
34	TR
38	-
40	-
37	-
41	-
41	-
42	TR
33	TR
38	-
42	TR
36	-
42	TR
43	0.1
42	0.2
41	TR
44	-
43	0.2
43	0.2
42	TR
41	-
41	-
43	-
38	0.5
44	0.6
45	TR
42	TR
44	3
42	8
41	10
37	8
39	0.3
35	1
39	0.2
35	4
46	0.5
43	TR
43	0.5
45	0.1
41	TR
47	0.4
43	TR

# BRITISH SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 18th January 1949  
No. 31834

OBSERVATIONS at 12h. G.M.T. 17th January

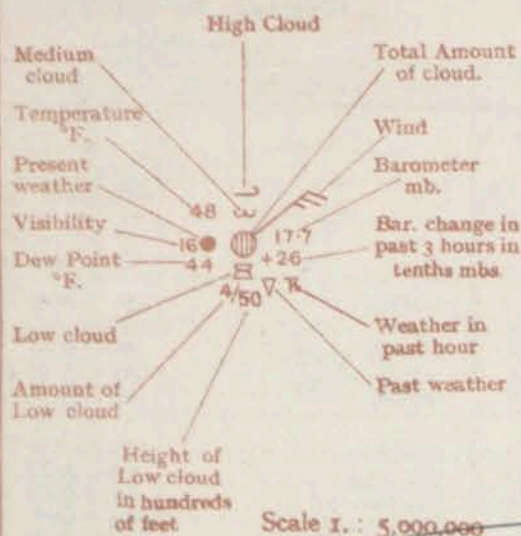
OBSERVATIONS at 18h. G.M.T. 17th January

OBSERVATIONS during DAY (17th)

District	STATIONS (For heights see p. 4)	OBSERVATIONS at 12h. G.M.T. 17th January																OBSERVATIONS at 18h. G.M.T. 17th January														OBSERVATIONS during DAY (17th)							
		Wind				Pressure				Temp.				Cloud				Wind				Pressure				Temp.				Cloud				24 h					
		Direction (degrees)	Speed (kts.)	Visibility (code figures)	Present Weather	Bar at M.S.L.	Change in 3 hrs.	Temp. at M.S.L.	Dew point	Form	Amount	Main layer	Lowest layer	Direction (degrees)	Speed (kts.)	Visibility (code figures)	Present Weather	Bar at M.S.L.	Change in 3 hrs.	Temp. at M.S.L.	Dew point	Form	Amount	Main layer	Lowest layer	Direction (degrees)	Speed (kts.)	Visibility (code figures)	Present Weather	Bar at M.S.L.	Change in 3 hrs.	Temp. at M.S.L.	Dew point	Form	Amount	Main layer	Lowest layer	State of ground + 4	Max Temp (18h. 21h. 24h. mean)
0	Kew	250	18	46	C	17.2	-21	43	41	5	-	-	-	260	11	35	O	17.0	+2	50	45	6	-	-	8	6	28	-	-	1	ccmo	51	0.3	-					
1	London Airport	260	13	81	C	18.1	-17	43	41	5	-	-	-	250	13	81	C	16.7	+2	50	45	5	-	-	7	7	17	-	-	1	ccmo	51	0.3	-					
	Lymington	260	15	56	O	18.2	-27	48	43	5	-	-	-	280	11	64	C	16.9	+3	48	43	5	-	-	6	6	17	-	-	1	ccmo, bcc	50	1.0	-					
	Tangmere	290	12	48	C	19.7	-19	50	42	6	-	-	-	290	10	24	dodo	18.6	+3	47	46	5	-	-	8	8	17	-	-	1	ccmo, bcc	53	0.8	0.1					
	Calshot	260	22	64	C	19.9	-22	51	43	5	-	-	-	240	16	64	C	18.8	-9	50	46	5	-	-	7	7	28	4	20	1	ccmo	52	0.8	TR					
2	Boscombe Down	260	13	81	O	19.9	-21	48	43	6	-	-	-	260	17	48	cl	18.4	-10	50	47	5	-	-	8	8	06	-	-	1	ccmo	51	0.3	TR					
	Felixstowe	260	13	28	Z	15.6	-28	48	41	5	-	-	-	250	16	56	C	14.1	+1	49	43	5	-	-	6	5	30	-	-	1	ccmo, bcc	50	0.2	-					
	Grinstead	250	12	40	Z	16.3	-12	47	43	5	-	-	-	270	18	64	bc	12.6	-2	50	45	5	-	-	5	5	35	-	-	0	ccmo, bcc	51	0.2	-					
	West Raynham	230	30	48	C	14.0	-27	47	41	5	-	-	-	240	15	48	b	11.6	-6	47	43	5	-	-	1	1	25	-	-	0	ccmo, bcc	49	0.2	-					
3	Mildenhall	220	14	81	C	14.4	-26	49	42	5	-	-	-	230	14	64	O	13.3	+5	50	45	5	-	-	8	3	25	8	41	1	ccmo, bcc	50	0.2	-					
	Cranfield	270	17	81	C	16.0	-19	48	39	1	7	6	7	5	83	1	25	250	15	80	c	14.9	+3	48	44	5	-	-	7	7	-	33	-	0	ccmo, bcc	50	1.2	-	
	Honiley	230	16	81	C	15.3	-23	48	42	5	3	8	7	6	23	-	-	270	12	80	b	13.8	+10	50	44	5	-	-	1	1	16	-	-	1	ccmo, bcc	52	1.2	TR	
	Wittering	290	26	56	C	13.9	-26	49	40	5	7	-	-	7	7	-	5	25	270	20	56	C	12.7	+11	52	44	5	-	-	7	7	20	6	12	1	ccmo, bcc	52	1.6	-
4	Watnall	290	26	56	C	13.9	-26	49	40	5	7	-	-	270	20	56	C	12.7	+11	52	44	5	-	-	7	7	20	6	12	1	ccmo, bcc	52	1.6	-					
	Little Rissington	270	14	48	Z	13.2	-17	48	41	5	3	-	-	270	11	48	Z	13.4	+26	51	41	5	-	-	8	8	10	-	-	1	ccmo, bcc	53	0.5	TR					
		250	18	81	C	17.0	-17	46	41	5	-	-	-	250	16	80	C	15.2	+8	49	44	5	-	-	7	7	18	-	-	1	ccmo, bcc	49	0.3	TR					
5	Ross-on-Wye	260	18	80	C	18.0	-17	50	43	5	-	-	-	280	20	81	b	15.6	-12	53	43	5	-	-	2	2	-	20	-	1	ccmo, bcc	54	0.3	TR					
	Shawbury	230	20	81	bc	14.3	-28	49	40	5	-	-	-	260	20	81	bc	13.5	-7	50	42	5	-	-	3	2	25	-	-	1	ccmo, bcc	52	1.4	TR					
	Bristol	270	30	40	bc	19.9	-16	47	46	6	-	-	-	270	30	16	dodo	17.6	-13	52	48	6	-	-	8	6	03	-	-	1	ccmo, bcc	49	0.1	0.3					
	Exeter	290	22	80	dodo	21.9	-14	50	46	5	-	-	-	270	22	80	O	20.3	-1	52	48	6	-	-	8	8	13	-	-	1	ccmo, bcc	52	0.6	TR					
	Portland Bill	270	19	81	C	21.3	-19	50	43	4	-	-	-	260	19	48	Z	19.8	-14	50	46	6	-	-	8	8	10	-	-	0	ccmo, bcc	51	0.6	TR					
6	Plymouth	270	15	48	dodo	23.3	-11	49	47	5	-	-	-	290	10	24	bc	21.9	-5	51	50	5	-	-	5	8	15	6	06	1	ccmo, bcc	51	0.0	TR					
	Chivenor	270	20	32	dodo	21.5	-16	50	48	5	-	-	-	310	28	40	bc	20.1	-16	50	50	5	-	-	7	7	12	-	-	1	ccmo, bcc	51	0.0	TR					
	St. Eval	260	18	80	bc	24.0	-16	49	45	5	-	-	-	270	28	56	O	23.4	0	50	50	5	-	-	8	8	10	-	-	1	ccmo, bcc	50	0.0	TR					
	Lizard	270	30	64	O	23.8	-17	50	46	5	-	-	-	270	28	56	O	23.4	0	50	50	5	-	-	8	8	10	-	-	1	ccmo, bcc	50	0.0	TR					
	Scilly, St. Mary's	270	28	82	O	24.3	-13	50	47	5	-	-	-	270	23	48	clpr	24.5	+8	51	50	5	-	-	8	8	12	-	-	1	ccmo, bcc	52	0.5	TR					
7	Guernsey	270	23	81	cl	24.9	-12	49	45	5	-	-	-	300	30	80	b	24.1	-5	49	45	5	-	-	0	4	10	8	16	1	ccmo, bcc	50	0.1	0.2					
	Aberporth	250	25	80	O	17.4	-24	49	46	6	7	-	-	280	20	80	bc	18.0	+1	49	48	5	-	-	5	7	20	-	-	0	ccmo, bcc	50	0.0	TR					
	Pembroke	300	37	56	O	18.5	-17	50	46	8	1	-	-	310	30	48	C	18.4	+1	50	50	2	7	-	6	4	45	-	-	1	ccmo, bcc	51	0.1	-					
	Holyhead (Valley)	230	26	82	O	14.0	-16	50	48	5	-	-	-	290	17	80	C	16.4	+19	49	43	5	-	-	6	6	22	-	-	1	ccmo, bcc	52	0.0	TR					
	Manchester	230	19	64	O	13.3	-26	48	42	5	7	-	-	300	19	32	C	12.6	+2	48	41	4	-	-	6	6	20	-	-	1	ccmo, bcc	51	0.4	0.2					
8	Squires Gate	240	23	44	C	12.7	-15	46	43	6	3	-	-	280	23	64	b	13.5	+11	47	40	5	-	-	2	2	30	-	-	1	ccmo, bcc	48	0.5	TR					
	Silloth	230	25	48	bc	06.6	-22	47	46	6	-	-	-	270	16	64	bc	11.1	+29	45	40	8	7	-	5	4	18	1	81	1	ccmo, bcc	50	0.5	TR					
	Finnigley	230	15	80	O	11.3	-21	49	41	5	7	-	-	290	26	48	Z	11.2	+39	50	40	5	-	-	4	4	20	-	-	0	ccmo, bcc	54	0.5	TR					
	Spurn Head	250	13	32	C	11.1	-28	47	43	6	-	-	-	280	12	48	O	10.6	+13	47	43	7	-	-	8	8	12	-	-	0	ccmo, bcc	51	0.0	-					
	Leeming	210	13	85	C	07.0	-40	50	43	5	7	-	-	290	10	82	O	09.5	+59	48	35	4	-	-	8	2	25	-	-	0	ccmo, bcc	54	2.9	-					
9	Tynemouth	270	13	56	C	03.6	-44	52	42	5	3	-	-	270	24	40	bc	06.8	+42	46	34	5	-	-	4	3	20	-	-	1	ccmo, bcc	54	0.5	TR					
	St. Abb's Head	270	30	81	bc	07.2	-34	50	46	5	-	-	-	270	24	81	bc	03.7	+49	44	44	2	-	-															



# STATION MODEL



6h

Tuesday 18<sup>th</sup> January

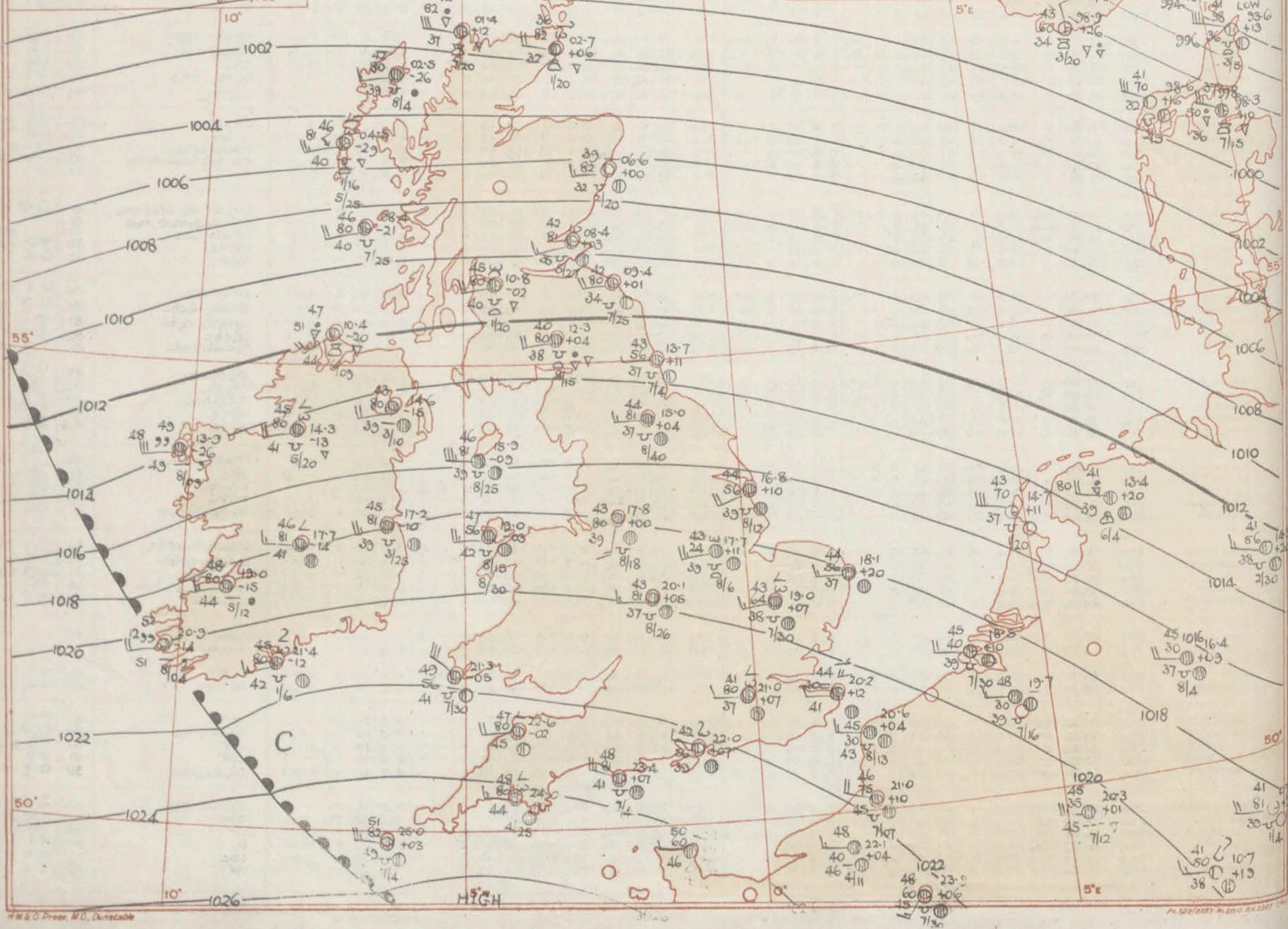
1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Westminster 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	Yester-day	To-day
Kew ...		ccmo		51	43	37	-	-	0.5	
London Airport		co		51	40	36	-	-		75 85
Greenwich ...	cmg	cbccmo	cm	51	43	36	-	-	0.6	76 73
Westminster				51	43	34	-	-		78 82
Regents Park				51	44	37	-	-		80 78
Camden Square	c2	c		51	44	37	-	-		80 80
Kensington ...	c	c		52	43		-	-		83 73
Hampstead ...	bc	c	c	50	46	44	-	-		73

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 18<sup>th</sup> Max. 0.3 Time 17<sup>h</sup> Min. 0.1 Time 0-5h.



Pressure is  
roughs of 10  
be generally  
more cont  
much of S  
but rather  
force at t

110°

Hezbollah  
Napoli  
Leon  
Tampul  
Veracruz  
Salon Cruz  
Frontiers

210°

Guam  
Man  
73  
Kingman  
Pau P

70°  
Curacao  
Clark's P  
Statute Mile

BAROMETER, isol  
Wind, - Arrow B  
short feather one  
TEMPERATURE is gl  
WEATHER SYMBOLS  
Sky 5/8 or 7/8  
Steel. ΔH  
The hour of obs  
FRONTS or bot  
different origin are  
isles are well prou  
NOTE - T  
When the  
Identificati



1949

ning

Humidity	
75%	95%
Today	Yesterday
75	85
76	73
78	82
80	78
83	79
73	73

## GENERAL INFERENCE

Pressure is low to the north and high the south of the British Isles while marked troughs of low pressure are moving eastwards over northern districts. It will be generally cloudy with some slight local rain or drizzle but there will be more continuous and heavier rain today and again tomorrow morning in much of Scotland and parts of Northern England. It will be mild in the south but rather cold in the north due to strong westerly winds which will reach gale force at times.

## FURTHER OUTLOOK

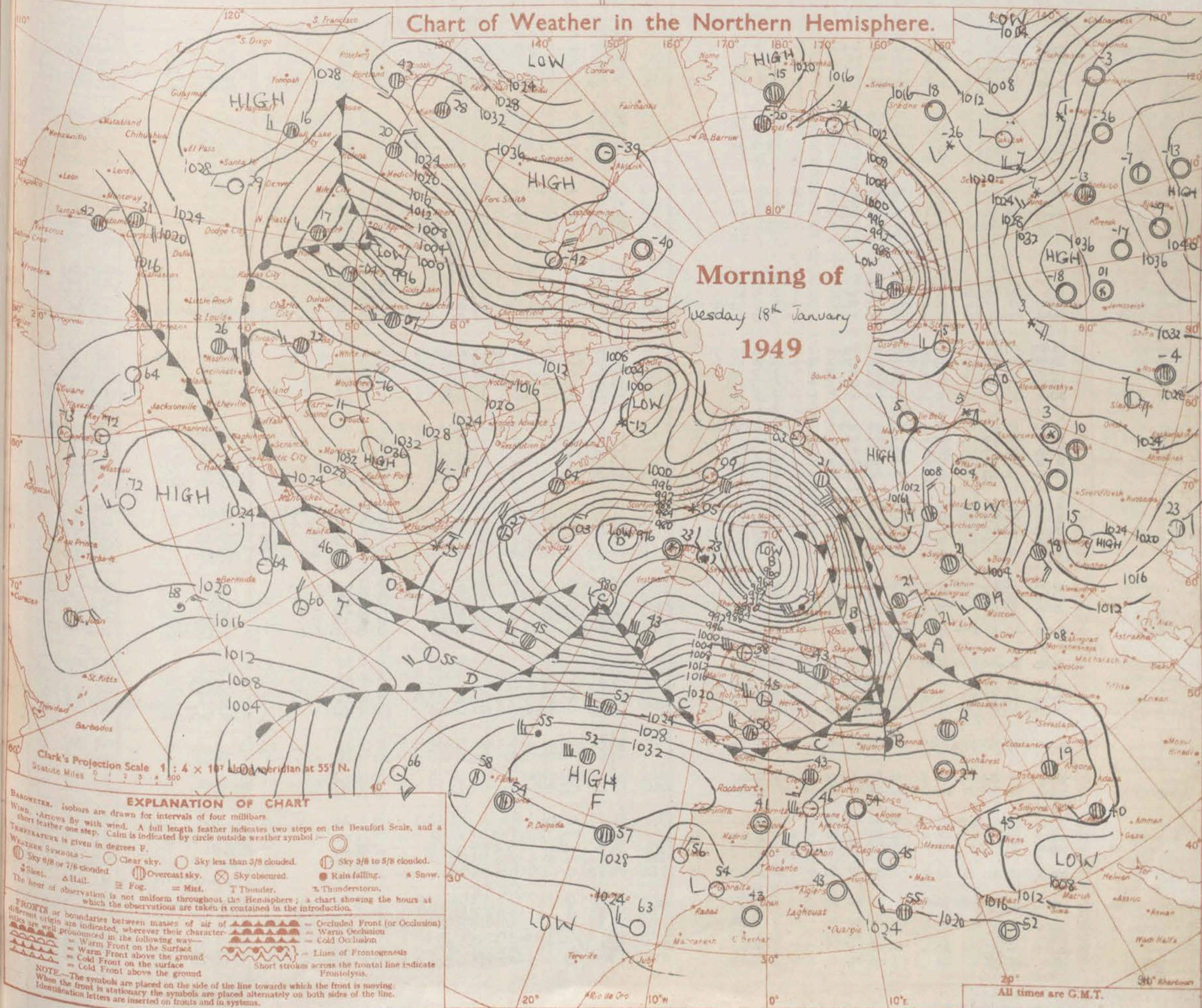
Mild and cloudy in the south with local drizzle. Unsettled in the north and rather cold due to strong to gale force winds.

Gale Warning.

↓ South cones are flying on all coasts of British Isles north of a line Cardiff to River Blackwater, including North Ireland and Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 18<sup>th</sup> January  
1949



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 18th January 1949  
No 31834

[illegible]

The DAILY WEATHER REPORT is issued in three Sections:— British, International, Upper Air.

RATES OF SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d or 5d. post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

\* Information not usually received.



1949

NIGHT

09 h.

Min. on

Grass

140

140

140

140

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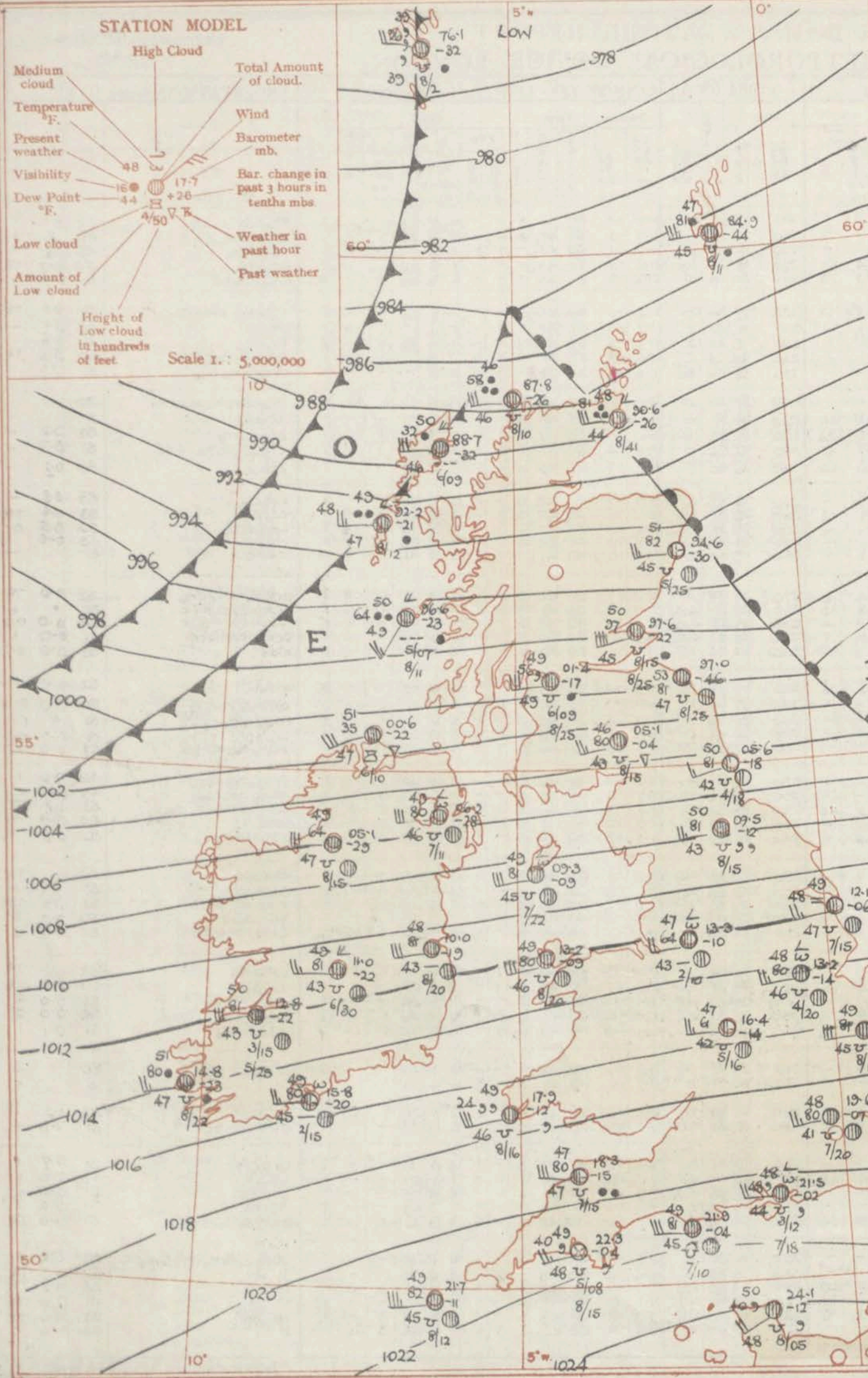
140

Page 1.

BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Wednesday 19<sup>th</sup> January 1949  
No. 31835OBSERVATIONS at 12h. G.M.T. 18<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 18<sup>th</sup> JanuaryOBSERVATIONS during DAY (18<sup>th</sup>)

District	STATIONS (For heights see p. 4)	OBSERVATIONS at 12h. G.M.T. 18 <sup>th</sup> January																OBSERVATIONS at 18h. G.M.T. 18 <sup>th</sup> January														OBSERVATIONS during DAY (18 <sup>th</sup> )						
		Wind.				Pressure.				Temp.				Cloud.				Wind.				Pressure.				Temp.				Cloud.				24 h. State of ground	Weather.	Max Temp. 24h. °F. (35)	Min. Temp. 24h. °F. (36)	Rain fall mm. (37)
		Direction (log. hrs.)	Speed (kts.)	Visibility (code figures)	Present Weather	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Wet Bulb	Dew point	Low.	Medium	High	Total amount	Main layer	Lowest layer	Direction (log. hrs.)	Speed (kts.)	Visibility (code figures)	Present Weather	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Wet Bulb	Dew point	Low.	Medium	High	Total amount	Main layer	Lowest layer							
(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)		
0	Kew	250	14	14	0	21.6	-10	47	40	5	2	-	8	7	31	-	-	250	12	20	c	20.0	+3	50	47	5	-	-	6	6	35	-	-	1	cm, z, bc, z, cm	53	0.1	-
1	London Airport	250	13	64	0	22.0	-2	47	40	5	7	-	8	7	65	-	-	250	19	56	c	19.7	-3	51	47	5	-	-	6	6	23	-	-	1	z, c, cm, c	53	0.1	-
	Lymington	270	12	86	c	22.6	-5	45	39	-	7	-	7	7	83	-	-	250	11	32	c	20.6	+1	45	43	-	7	7	4	2	-	-	1	cm, ob, mo	48	1.6	-	
	Tangmere	290	16	82	c	22.9	-5	48	42	5	7	-	7	7	81	-	-	290	18	24	do	21.6	-2	50	49	5	-	-	8	8	04	-	-	1	cm, ob, do, c	50	0.2	TR
	Calshot	250	11	24	0	23.6	+1	50	42	5	3	7	8	8	-	2	15	250	20	24	0	21.8	-5	51	49	7	-	-	8	8	06	-	-	0	cm, ob, mo, bc	51	0.4	-
2	Boscombe Down	230	09	56	c	22.9	-1	47	42	6	7	-	7	7	-	85	15	230	09	56	c	21.2	-6	50	48	5	-	-	8	8	12	-	-	1	c, bc, mo, c, do, c	51	0.1	TR
	Felixstowe	280	11	40	Z	20.2	-5	46	39	5	7	2	3	1	33	-	-	250	18	40	Z	16.9	-9	47	43	5	7	-	7	7	-	3	17	1	cm, ob	50	3.1	-
	Gorleston	280	09	56	bc	19.0	-4	48	39	5	3	2	3	1	30	-	-	250	15	48	Z	16.0	-8	49	45	5	-	-	4	4	30	-	-	0	bc	51	5.6	-
	West Raynham	240	16	56	b	18.5	-5	47	38	-	7	1	4	3	-	-	-	240	15	24	c	15.6	-8	48	45	5	7	7	4	-	3	30	1	bc, bc, f, mo, c, f, mo	50	3.3	TR	
	Mildenhall	240	17	48	bc	18.9	-10	48	39	-	3	1	4	3	-	-	-	230	18	56	bc	16.4	-1	51	48	-	7	-	4	4	-	-	-	1	bc, z, cm, ob, bc	51	2.7	-
3	Cranfield	250	17	48	c	19.7	-3	46	38	-	7	-	7	7	80	-	-	240	17	40	0	18.0	-2	50	46	6	-	-	8	8	21	2	13	0	cm, ob, mo, bc, mo, cm	50	-	-
	Honiley	210	10	81	c	20.4	-8	46	40	5	3	-	7	8	-	3	30	230	20	81	c	17.1	-7	51	45	5	-	-	6	6	19	-	-	1	cm, ob	51	-	-
	Wittering	250	17	64	c	18.6	-12	47	38	5	4	2	6	4	-	1	35	250	22	56	c	16.0	0	51	47	5	-	-	7	7	30	4	15	1	bc, c, cm	52	2.2	-
	Watnall	230	10	21	c	17.3	-11	47	38	5	5	9	6	4	30	1	15	140	12	24	0	15.0	-4	51	46	5	2	-	8	6	20	-	-	1	cm, z, c, f, mo, cm	51	0.3	-
4	Little Rissington	230	18	64	c	20.4	-15	46	41	5	7	-	6	6	83	3	60	250	16	80	c	18.7	-5	48	45	5	-	-	7	7	07	-	-	1	cm, ob	49	0.3	-
5	Ross-on-Wye	230	09	34	Z	20.9	-8	49	42	5	-	8	8	7	20	-	-	260	18	81	c	18.9	-1	51	45	5	-	-	2	2	20	-	-	1	cb, bc	53	0.8	-
	Shawbury	250	15	72	c	18.0	-14	49	40	5	7	-	7	4	40	1	15	260	25	81	bc	16.0	-3	50	45	5	7	-	5	3	20	-	-	1	cd, ob	53	0.4	TR
	Bristol	250	17	48	0	22.0	-2	50	44	5	7	-	8	7	12	-	-	250	28	24	do	21.6	+9	49	47	6	-	-	8	8	10	3	06	1	cm, ob, do	50	0.5	0.1
	Exeter	270	13	80	do	23.9	-4	52	48	5	-	-	8	8	30	-	-	270	18	81	do	23.6	+9	52	48	5	-	-	8	8	20	1	17	1	cd, ob	53	0.4	-
	Portland Bill	260	19	48	Z	24.0	+3	50	45	4	-	-	8	6	10	-	-	250	19	40	0	23.2	0	50	47	-	-	-	8	8	10	-	-	0	cd, ob	51	-	-
6	Plymouth	250	10	24	Z	24.8	-2	51	49	7	2	-	8	8	25	4	10	270	12	40	Z	24.5	-7	51	50	5	-	-	8	8	15	6	08	1	cm, ob, c, f, mo, cm	52	0.0	TR
	Chivenor	290	15	56	0	23.7	0	51	49	5	-	-	8	1	08	8	15	290	22	32	do, do	22.7	+3	50	49	5	-	-	8	8	06	8	15	1	cd, ob, do, mo, c	52	0.0	0.2
	St. Eval	250	17	24	do	25.4	+3	51	50	6	-	-	8	8	03	-	-	250	15	12	do, do	24.8	+5	49	49	6	-	-	8	8	02	-	-	1	do, do, do	50	0.0	0.2
	Lizard	260	12	80	c	26.2	+9	51	51	6	-	-	7	7	10	-	-	260	24	32	do, do	24.8	0	50	50	5	-	-	8	8	08	-	-	1	cm, ob, do, bc, q	51	0.0	1
	Scilly, St. Mary's	260	17	82	0	26.0	-5	52	51	5	-	-	8	8	15	-	-	260	22	24	do	24.6	0	50	50	6	-	-	8	8	08	-	-	1	cd, ob	52	0.0	0.2
7	Guernsey	280	15	80	c	22.0	+11	51	46	5	-	-	7	4	12	6	16	250	11	48	do	26.5	+4	49	48	6	-	-	8	8	02	-	-	1	cd, ob	52	0.8	0.1
	Aberporth	230	19	80	do	19.7	-13	51	50	6	-	-	8	8	15	-	-	250	17	80	ir	19.5	+9	49	47	5	2	-	8	8	27	4	12	1	cd, ob, ir, c	50	0.0	0.3
	Pembroke	290	24	32	0	21.1	-5	50	50	5	-	-	8	8	15	-	-	300	31	56	0	20.3	+5	50	49	5	-	-	8	8	14	-	-	1	cm, ob, do, c, f, mo	51	0.0	0.1
	Holyhead (Valley)	230	23	72	0	16.2	-16	49	46	5	7	-	8	3	30	-	-	200	20	64	0	15.9	0	50	48	5	-	-	8	8	20	-	-	1	cd, ob, c, f, mo	51	0.0	0.3
8	Manchester	190	15	56	0	16.9	-18	49	40	-	7	-	8	8	83	-	-	250	17	40	cl, r	14.3	-5	52	46	5	7	-	8	5	25	2	16	1	cd, ob, c, f, mo	51	0.0	0.2
9	Squires Gate...	230	20	48	0	15.4	-20	47	43	5	7	-	8	6	28	-	-	230	24	40	cl, r	14.4	+4	47	46	6	-	-	8	8	14	-	-	1	cd, ob, mo, bc	49	0.0	1
	Silloth	210	32	40	ir	10.4	-19	46	45	5	-	-	7	7	15	-	-	200	27	64	bc, r	09.7	0	48	47	5	7	-	5	3	15	5	-	1	cd, ob, bc, do	49	0.0	0.5
	Finningley	200	12	25	Z	15.5	-20	50	39	5	3	6	5	4	80	2	45	250	18	32	Z	13.6	-7	53	46	6	-	-	8	8	20	3	15	0	z, ob, c, mo, z	53	1.2	TR
	Spurn Head	240	13	20	bc	15.5	-18	46	42	-	4	-	3	3	-	-	-	250	19	20	c	12.9	+2	49	47	5	-	-	7	7	15	-	-	0	cm	50	0.4	-
10	Leeming	250	24	64	c	12.5	-28	47	41	5	3	9	6	2	18	4	-	240	12	81	do	11.4	+3	52	46	5	-	-	8	7	14	-	-	1	cm, ob, mo, c	52	0.0	TR
11	Tynemouth	270	09	32	c	09.9	-25	48	41	5	-	-	7	7	17	-	-	290	24	32	cl, q	07.5	-3	53	46	5	-	-	7	7	12	-	-	1	cm, ob, cl, q	54	-	TR
	St. Abb's Head	230	19	82	cl, q	04.3	-49	45	4																													





6h Wednesday 13th January, 1949

**LONDON OBSERVATIONS for yesterday and this morning**  
 Day 09h-15h Kensington, 09h-15h Regents Park 09h-21h at other stations, Westminster

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on gram	Day mm.	Night mm.		Yester- day	To- day
Kew ...	cmo	bc	cmo	53	48	47	-	-	0.1	74	73
London Airport	cmo	bc	cmo	53	47	45	-	-	*	74	73
Greenwich ...	cmo	cmo	cmo	51	47	44	-	-	0.6	74	73
Westminster	.	.	.	52	45	44	-	-	.	79	71
Regents Park	.	.	.	52	45	39	-	-	.	75	74
Canal Square	c	bc	.	52	46	42	-	-	.	74	73
Kensington ...	c	c	.	52	43	.	-	-	.	74	73
Hampstead ...	obc	o	o	51	43	42	-	-	.	74	73

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
 Kew 24 hours ended 6h. 19th Max. 0.3 Time 8-12 Min. 0.1 Time 0-6h 1.3

A vigorous east across rain or drizzle morning and on low ground local showers colder in the be severe

Clark's Statute M

BAROMETER. In- Wind. Arrows: short feather. TEMPERATURES in WEATHER SYMBOLS Sky 8/10 or 7 2 Sleet. Δ The hour of ob

FRONTS or b different origi aries are well pr

NOTE: When the Identica



1949

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Humidity

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day

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## GENERAL INFERENCE

A vigorous depression near Iceland is moving east-northeast and associated cold fronts will move south-east across the British Isles. Weather will be cloudy or dull today in England and Wales with local rain or drizzle. A belt of rain will spread southeast tonight reaching Southern districts tomorrow morning and followed in the North by local showers, and later in the South by fair weather. Rain today in Scotland will be followed by showery conditions with snow on high ground and sleet on low ground in the north. Some rain in Ireland today will be followed by fair periods and local showers. It will become generally cold in northern and central districts and it will become colder in the South tomorrow. Winds will reach gale force at times in most places and may be severe locally in the north.

## FURTHER OUTLOOK

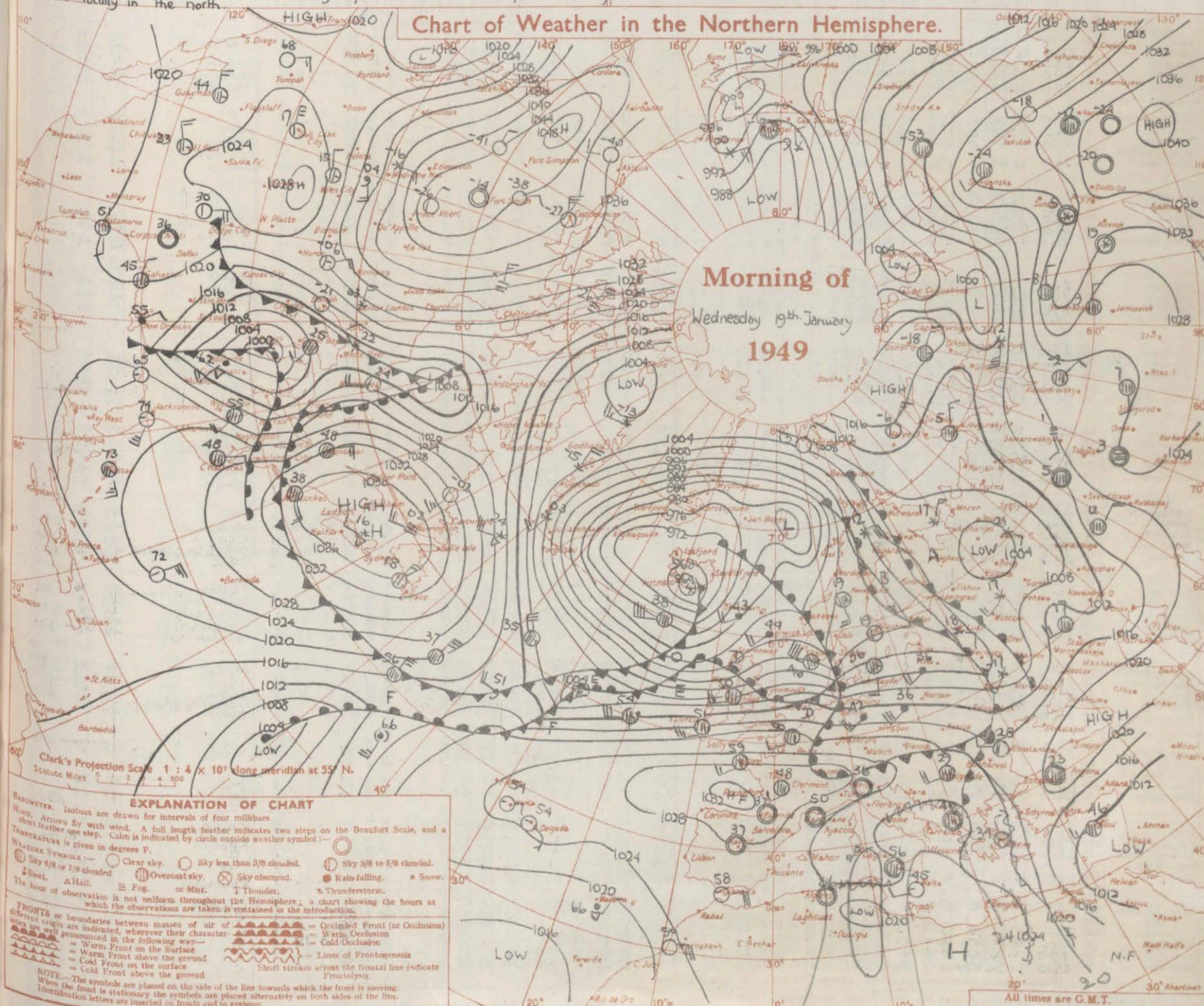
Cold and showery in the north: Fair and rather cold in the South.

Gale Warning:-

South coasts are flying on coasts of British Isles north of a line Cardiff to River Blackwater including Northern Ireland and Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 19th January  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 20 40 60

## 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. Temperature is given in degrees F.  
WEATHER SYMBOLS: ☉ Clear sky. ☁ Sky less than 3/8 clouded. ☁☁ Sky 3/8 to 5/8 clouded. ☁☁☁ Sky 5/8 or 7/8 clouded. ☁☁☁☁ Overcast sky. ☁☁☁☁☁ Sky obscured. ☔ Rain falling. ❄ Snow. ☁☁☁☁☁ Fog. ☁☁☁☁☁ Mist. ☁☁☁☁☁ Thunder. ☁☁☁☁☁ Thunderstorm.  
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.  
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:—  
— Warm Front on the surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.  
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.

Corrected S.M.D. 17-53



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 19<sup>th</sup> January 1949  
No. 31835...

[illegible]

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\* Information not usually received.



Page 1949

NIGHT

Min. on Grass  
°F.  
(40)

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# BRITISH SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 20th January 1949  
No. 31836

OBSERVATIONS at 12h. G.M.T. 19th January

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

OBSERVATIONS during DAY (19th)

Distance	STATIONS (For heights see p. 4)	Wind.		Present Weather.	Pressure.		Temp.		Cloud.			Wind.		Pressure.		Temp.		Cloud.			State of ground.	Weather.	Max Temp. 08h. 21h. F. (35)	Sun-shine (36)	Rain 00h. 24h. mm. (37)											
		Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.																		
									Low.	Medium.	High.							Total amount.	Main layer.	Lowest layer.						Low.	Medium.	High.								
																													(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)																			
0	Kew ... London Airport ... Lympne ... Tangmere ... Calshot ...	230 240 260 270 250	15 18 24 20 22	37 15 81 64 64	c c c/r c o	17.4 17.8 19.0 19.3 17.8	-17 -16 -10 -16 -5	49 41 48 49 49	41 5 43 44 44	5 5 5 7 5	- - - - -	7 7 8 8 8	7 7 8 8 8	31 15 10 10 10	- - - 5 -	- - - 07 -	250 240 250 270 250	13 19 22 25 26	35 64 81 48 64	0 0 0 c/d 0	15.5 15.2 16.5 17.6 17.8	-9 -11 -5 -6 -3	50 49 47 48 49	41 42 43 45 44	5 5 5 5 5	- - - - -	8 8 8 8 8	8 8 8 4 8	31 28 26 42 30	- - 4 1 1	- - 04 08 0	1 1 1 1 0	c.m. c2. c2. oco ccir.c cd.cm. ocm.cid.c	50 51 48 50 50	0.3 * 0.0 0.0 0.0	- - - 0.2 TR
2	Boscombe Down ... Felixstowe ... Gorleston ... West Raynham ... Mildenhall ...	210 260 250 230 240	13 23 19 28 25	81 48 72 81 81	c c c c c	19.9 15.0 13.2 13.1 14.1	-9 -13 -19 -10 -16	47 50 51 49 50	42 42 42 42 43	5 - 5 5 5	- - 7 - -	7 1 6 7 6	7 - 5 1 6	25 - - 42 18	1 - - 7 -	15 - - 12 -	230 260 250 240 230	17 22 20 28 26	56 44 64 80 80	0 2 c c 0	17.3 13.8 09.2 10.0 11.4	-5 -2 -27 -10 -5	47 49 49 48 49	43 40 41 40 42	5 5 5 5 5	- - - 6 7	8 7 6 7 8	8 28 35 25 430	- - - 6 -	- - - - -	1 1 0 0 1	c cbz.c2. co c	48 50 52 50 51	0.1 5.7 5.0 1.4 2.9	- - - - -	
3	Cranfield ... Honiley ... Wittering ... Watnall ... Little Rissington ...	250 220 250 240 250	26 23 26 20 26	81 81 81 64 81	c c c c o	15.5 13.7 12.6 11.4 15.6	-16 +5 -15 -16 -5	48 50 50 50 46	41 42 42 41 40	5 5 5 5 5	- - - - -	7 6 7 7 8	7 5 6 7 8	12 20 20 20 15	- - - - -	- - - - -	250 220 250 240 250	23 26 26 11 26	80 80 56 24 81	c c/q c 2 ir	12.6 15.5 10.0 09.0 13.5	-15 -14 -10 -6 -7	48 49 49 49 46	42 43 42 43 42	5 5 5 5 5	- - - - -	7 7 7 8 8	8 29 20 27 07	- - 3 - -	- - 16 - -	0 1 1 2 1	c cbccq.cir. c2.cid.ir.pr ccir.cir	49 50 51 52 47	0.0 4.2 2.4 1.6 0.0	- TR - 0.1 TR	
5	Ross-on-Wye ... Shawbury ... Bristol ... Exeter ... Portland Bill ...	250 230 230 230 250	20 28 18 10 24	81 81 81 82 81	c c c c o	16.3 11.8 18.4 20.1 21.7	-10 -22 -10 -10 0	49 51 49 51 49	41 42 43 45 45	4 5 5 5 4	- - - - -	6 7 7 7 8	6 4 7 7 8	25 25 18 30 10	- 4 - - -	- 15 - - -	240 230 230 270 270	18 25 28 15 24	64 80 64 82 81	c d.o.d o pr id	13.6 10.3 16.0 18.4 19.4	-16 -4 -12 -6 -12	49 49 49 50 50	44 46 43 44 43	5 5 5 5 6	- - - - -	7 8 8 8 8	20 17 21 40 10	- - - 6 -	- - - 20 -	1 1 1 1 1	cc cr.d.cir cid.cd.m cbccpr.bcc oidoid.o	51 51 49 52 51	1.0 2.1 0.0 1.7 0.0	TR 3 TR TR TR	
	Plymouth ... Chivenor ... St. Eval ... Lizard ... Scilly, St. Mary's ...	230 250 240 250 240	20 24 19 23 30	56 48 81 64 81	o o o o o	21.1 19.7 20.8 21.7 20.8	-8 -7 -6 -5 -7	49 49 49 49 50	47 46 45 45 45	5 5 5 5 5	- - - - -	8 8 8 8 8	8 8 8 8 8	10 10 09 15 12	- 5 - - -	- 06 - - -	250 250 230 250 250	28 25 21 24 25	24 32 48 48 80	r.f d.o.d z cid cid	19.5 17.4 19.7 20.0 19.7	-2 -6 +1 0 +2	49 50 49 49 50	46 48 47 47 48	5 7 5 6 5	- - - - -	8 8 8 8 8	10 15 22 06 12	- 3 - - -	- 08 - - -	1 1 1 1 1	cid.m.cir cd.d.m.cir oid.m.cir cid.prc id.c	51 51 50 50 51	0.0 * 0.0 0.0 0.0	TR 0.2 TR TR 0.1	
6	Guernsey ... Aberporth ... Pembroke ... Holyhead (Valley) ... Manchester ...	210 230 290 230 230	19 18 37 30 19	12 80 56 64 81	ido cid ido o o	23.9 15.5 15.8 10.3 11.4	-8 -6 -10 -17 -7	47 48 50 51 50	47 47 46 47 41	6 6 7 7 5	- - - - 4	8 8 8 8 7	8 8 8 8 5	01 25 14 20 16	- 3 - - -	- 07 - - -	240 230 290 250 220	16 25 30 26 16	64 81 48 16 32	dd ido o r.f d.o.d	22.3 13.2 13.6 09.8 08.5	-1 0 -6 +15 -6	48 50 51 49 49	48 48 49 49 47	5 6 5 6 7	- - - - 2	8 8 8 8 8	08 25 10 05 20	3 5 - - 3	05 10 - - 14	1 1 1 1 2	cldm cid.ir.cir cid.cir ccir.cir ccir.cir	50 50 51 51 51	0.0 0.0 0.0 0.0 0.9	2 2 1 2 3	
9	Squires Gate ... Silloth ... Finningley ... Spurn Head ... Leeming ...	230 230 250 250 200	30 35 30 19 31	56 80 80 44 82	c/r o c z o	10.2 03.7 09.2 09.3 06.3	-13 -23 -24 -22 -19	48 48 52 49 50	44 45 41 44 43	5 5 8 5 5	- - - - -	8 8 6 6 8	8 8 6 6 8	22 15 - 15 22	- - 2 - -	- - 20 - -	240 280 230 250 240	33 15 25 24 39	40 40 30 48 60	ir c/r c bc ir	06.7 03.9 06.1 07.0 00.5	+10 +31 -12 -6 -28	49 44 50 50 52	44 42 44 45 45	7 5 5 7 4	- - - - -	8 8 6 5 3	24 15 20 25 18	2 - - - -	15 - - - -	1 1 1 1 1	cir.cir ccir.cir ccir.cir ccir.cir ccir.cir	49 49 53 51 52	0.1 * 1.7 0.9 0.1	1 1 TR TR TR	
11	Tynemouth ... St. Abb's Head ... Leuchars ... Eskdalemuir ... Prestwick ...	230 230 230 210 220	19 37 31 35 30	16 81 80 48 18	c c/q r.f r.f d.o.d	02.3 03.2 04.6 01.0 09.6	-17 -20 -22 -22 -20	50 50 50 45 49	43 44 46 43 47	6 5 5 6 6	- - - - -	7 6 8 8 8	6 30 10 06 15	- - - - 3	- - - - 08	270 270 240 280 290	24 30 18 15 22	56 81 48 80 80	bcpr o c/r pr c/r	07.5 07.0 07.5 02.5 03.0	-75 +45 +46 +36 +46	52 50 43 49 44	35 46 32 35 33	2 5 5 2 5	- - - - 7	4 8 7 8 6	4 22 11 11 35	- - - - 8	- - - - 18	1 1 2 1 1	cm.bccq.m.bccq.pr.bccq ccir.cir ccir.cir ccir.cir ccir.cir	52 54 50 47 50	0.0 0.0 0.0 0.0 0.0	TR 2 2 11 5		
13A	West Freugh ... Ronaldsway ... Tires ... Benbecula ... Stornoway ...	250 240 250 280 290	21 28 17 28 26	64 72 40 81 32	c c ir pr pr	02.9 06.8 04.3 02.2 08.9	-23 -21 -6 +9 +23	51 50 47 45 41	44 43 45 40 38	5 5 7 9 7	- - - - 2	8 8 8 8 8	7 7 5 8 7	15 22 08 16 12	- 1 - 4 5	- 17 - 12 09	310 310 280 270 250	34 25 27 43 22	64 81 81 64 64	c r.f jp bcpr bcpr	05.5 07.2 01.4 06.6 01.7	+42 +29 +37 +24 +3	43 46 39 39 35	38 42 31 31 31	5 5 9 9 9	- 2 6 - -	7 7 3 5 5	15 15 10 15 12	- - - 4 -	- - - 09 -	1 0 2 2 2	cid.cir ccir.cir ccir.cir ccir.cir ccir.cir	51 50 50 48 47	0.0 0.0 0.0 0.0 0.5	2 1 7 5 5	
14	Cape Wrath ... Sule Skerry ... Loch Rannoch ... Dyce ... Lossiemouth ...	230 270 230 200	30 30 30 17	64 80 82 55	prz ir ir r.f r.f	03.6 04.4 00.2 08.7	-17 0 -27 -17	41 43 53 48	39 41 45 46	- 7 5 -	2 - 4 2	8 8 6 8	8 8 4 8	10 10 15 11	- - - -	- - - -	270 270 290 240	37 30 18 20	82 81 48 80	ph ph pr bcpr	05.8 07.3 05.4 03.8	+12 +10 +51 +26	36 33 38 36	33 33 33 30	9 7 9 5	- - 3 -	5 8 7 2	5 8 5 2	20 10 25 30	- - 3 -	- - 14 -	1 2 1 2	ccir.cir ccir.cir ccir.cir ccir.cir ccir.cir	53 50 50 50 50	1.7 0.0 0.0 0.0 0.0	0.5 1 3 4 1
16	Wick ... Lerwick ... Blacksod Point ... Malin Head ... Aldergrove ...	240 250 260 270 240	30 24 33 24 33	64 32 48 40 40	r.f ir ir ir r.f	05.8 07.6 04.3 08.4 02.7	-18 -17 +1 -10 -15	46 43 49 48 45	42 41 49 47 45	5 5 6 7 6	- 2 - 2 -	8 8 8 8 8	8 5 8 3 8	15 12 09 08 20	- - - - 6	- - - - 10	280 280 290 320 280	30 39 33 37 22	80 32 80 44 80	bcpr ps c/r pr ir	00.3 00.7 11.7 05.8 07.9	+43 0 +34 +36 +59	42 35 44 41 41	35 32 34 34 37	5 3 9 9 6	- - - - 2	7 4 7 5 8	15 10 15 09 24	- - - - 3	- -						







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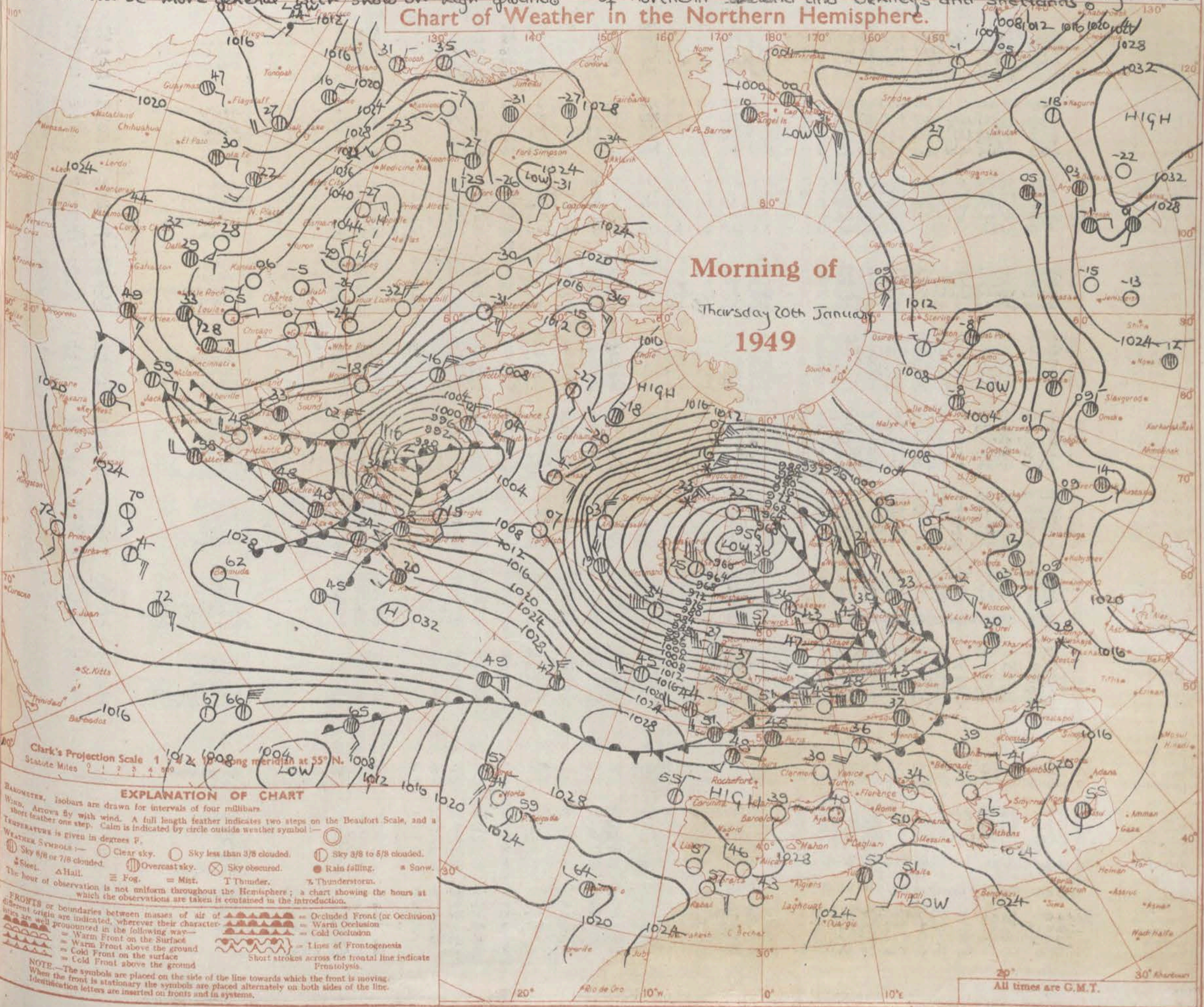
# GENERAL INFERENCE

A cold westerly air stream covers the British Isles, with strong to gale force winds in central and northern districts. It will be fair over the southern half of England and Wales apart from a few showers in the west; Northwards from these areas showers become increasingly general and heavy with snow on high ground. Sleet and snow will fall on high ground, also in North Scotland. In Ireland there will be scattered showers in the south, while in the north showers will be more general with snow on high ground.

# FURTHER OUTLOOK

Slight air frost may occur locally in the south tonight. Further outlook: Becoming somewhat milder, continuing unsettled, with showers in the north followed by rain. Becoming generally cloudy in the south with local rain or drizzle, mainly slight. Gale warning: South coasts are flying on all coasts of the British Isles north of a line Cardiff to River Blackwater, including coasts of Northern Ireland and Orkneys and Shetlands.

## Chart of Weather in the Northern Hemisphere.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Thursday 20<sup>th</sup> January 1949

No. 31826

OBSERVATIONS at 00hr. G.M.T. 20<sup>th</sup> JanuaryOBSERVATIONS at 06hr. G.M.T. 20<sup>th</sup> January

OBSERVATIONS Wednesday NIGHT

District.	Station.	Height above M.S.L.	OBSERVATIONS at 00hr. G.M.T. 20 <sup>th</sup> January										OBSERVATIONS at 06hr. G.M.T. 20 <sup>th</sup> January										OBSERVATIONS Wednesday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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January 1949

WIND

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# BRITISH SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday, 21st January 1949  
No. 3837.

OBSERVATIONS at 12h. G.M.T. 20th January

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

OBSERVATIONS during DAY (20th).

Observer	STATIONS (For heights see p. 4)	Wind		Visibility (Code figures)	Present Weather	Pressure		Temp.		Cloud					Wind		Visibility (Code figures)	Present Weather	Pressure		Temp.		Cloud					21 h State of ground & sea	Weather			Max Temp 21h (33)	Sun- shine (36)	Rain 21h mm (37)																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Direction (degrees)	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Dew point	Form	Amount	Main layer	Lowest layer	Direction (degrees)	Speed (kts.)	Bar at M.S.L.			Change in 3 hrs.	Dry Bulb	Dew point	Form	Amount	Main layer	Lowest layer	Ht.	Ht.		Ht.	Ht.	Ht.				Ht.	Ht.																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Maximum temperature 21.0 rainfall read at 1800. † Birr Castle reports at 1900.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

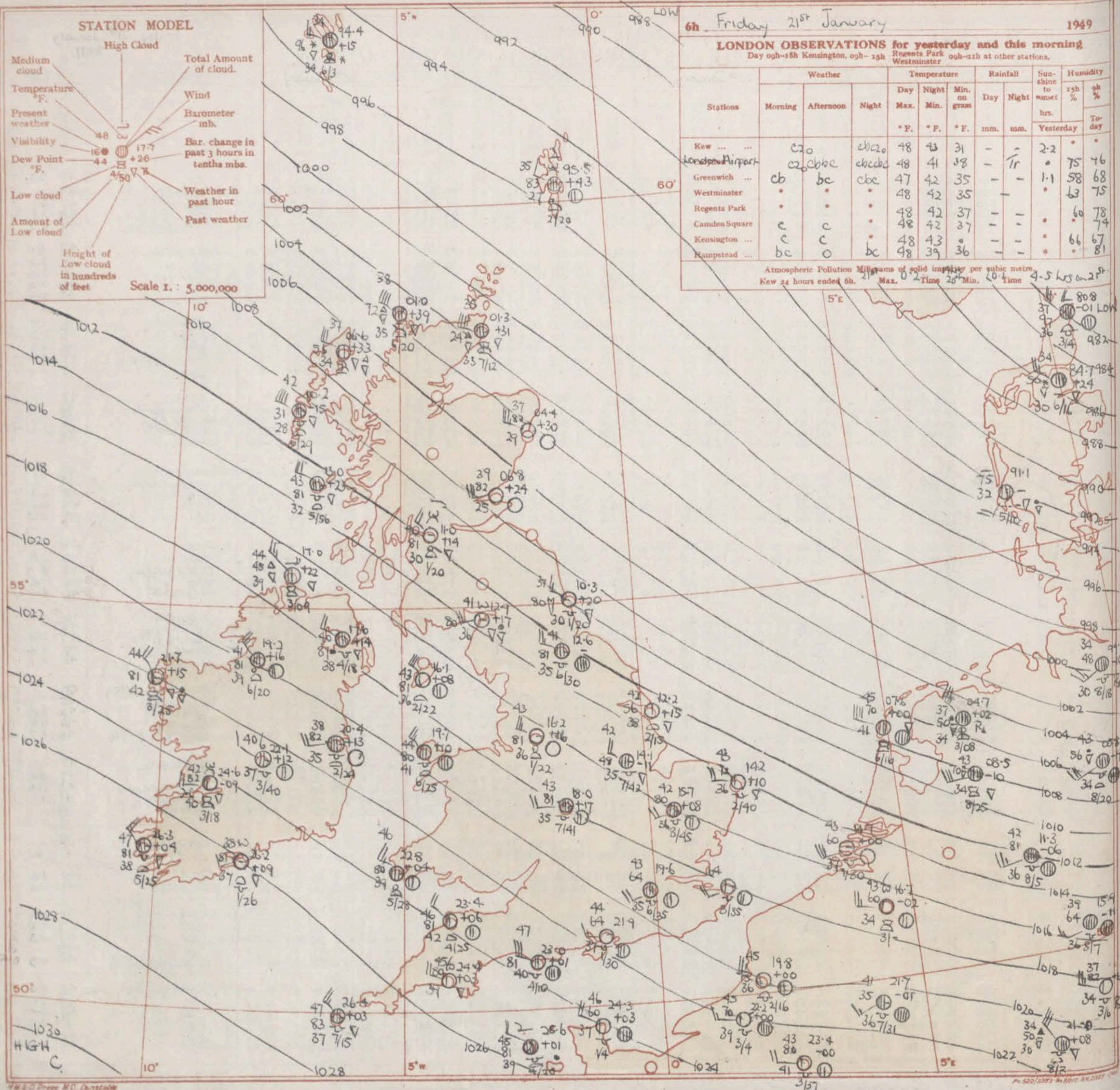
Amount is expressed in eighths of the sky covered ("Okta"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

† See footnote p. 4.

\* Information not usually received.

NELSON R. JOHNSON, H.C.B., D.Sc. Director.  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.





A cold and a west. W but show north, more ge more ge high gro

Clark's P  
Statute Mile

BAROMETER. 1901  
Wind. Arrow. B  
short leather one  
TEMPERATURE in F  
WEATHER SYMBOLS  
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identical



1949

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To-day

To-day

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-01 Low

982

982

84.7984

724

986

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## GENERAL INFERENCE

A cold west to north-west airstream covers the British Isles and a weak trough of low pressure is approaching from the west. Weather will be fair over much of England and Wales but showers will occur locally and chiefly in the west and north, with snow on mountains. Showers will be heavier and more general at first in Scotland, but weather will become more generally cloudy with intermittent rain. Snow will fall on high ground. Weather will be cloudy in Ireland with local showers.

## FURTHER OUTLOOK

It will be cold in most places, partly owing to fresh winds. Although ground frost will be fairly widespread tonight in England and Wales, any air frost will be local and slight.

## Further Outlook

Cloudy in the north with rain at times. Cloudy in the south but probably dry in most places. Mild.

## Gale Warning

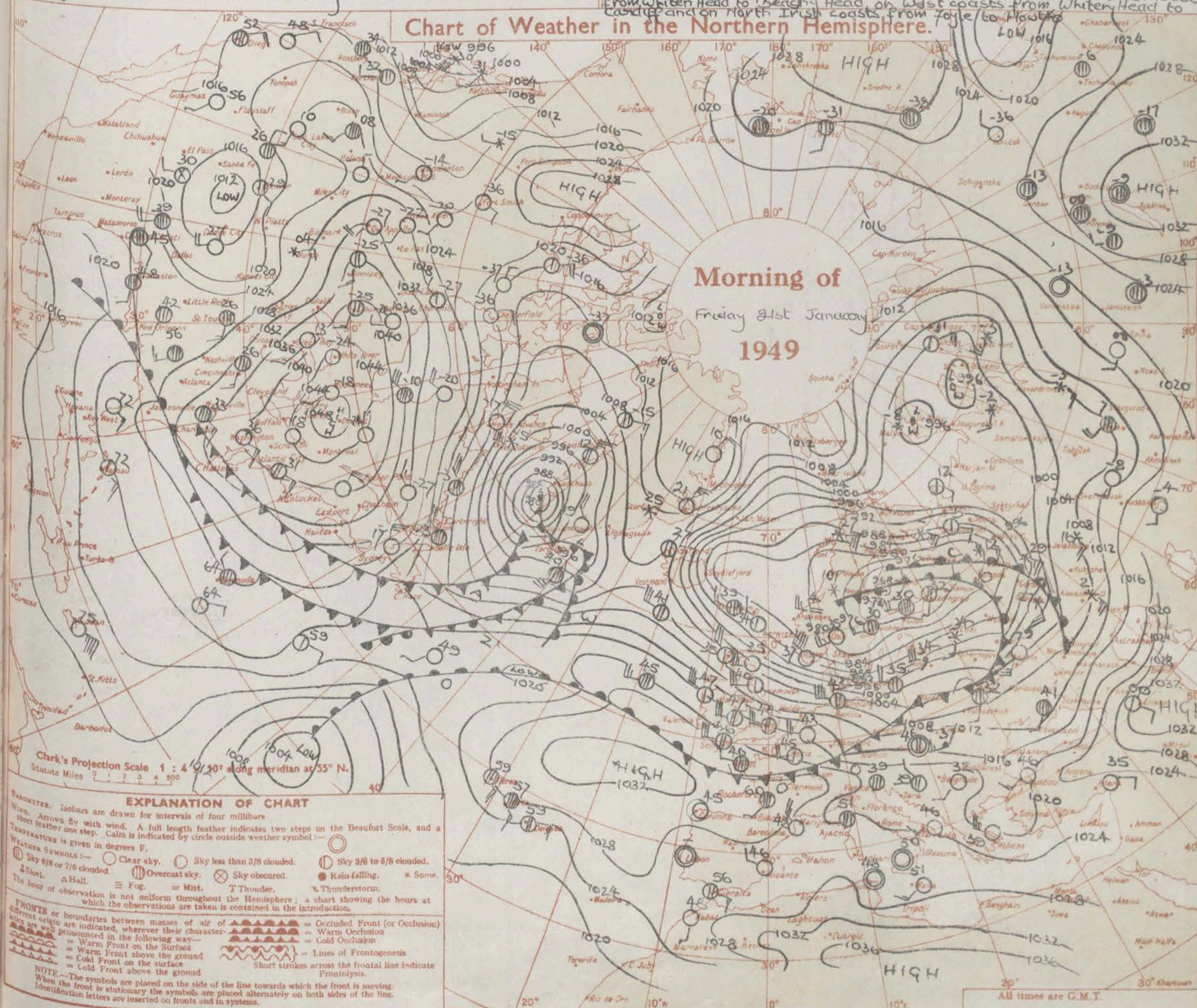
North coasts are flying in the Orkneys and Shetlands on East coasts from Whiten Head to Beachy Head on West coasts from Whiten Head to Land's End and on North Irish coasts from Foyle to Howth.

## Chart of Weather in the Northern Hemisphere.

Morning of

Friday 21st January

1949



Clark's Projection Scale 1 : 4,000,000 along meridian at 55° N.  
Statute Miles 0 1 2 3 4 500

## EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with 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 3/8 clouded. ○ Sky 3/8 to 5/8 clouded. ○ Sky 5/8 to 7/8 clouded. ○ Overcast sky. ○ Sky obscured. ○ Rain falling. \* Snow.  
△ Fog. = Mist. T Thunder. \* Thunderstorm.  
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.

**FRONTS** or boundaries between masses of air of different origins are indicated, wherever their character is well pronounced in the following way:  
= Warm Front on the surface  
= Warm Front above the ground  
= Cold Front on the surface  
= Cold Front above the ground  
Short strokes across the frontal line indicate Frontolysis.

**NOTE.** The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



## OBSERVATIONS at 00hr. G.M.T. 21st January

## OBSERVATIONS at 06hr. G.M.T. 21st January

## OBSERVATIONS Thursday NIGHT

Distance	STATIONS	Height above M.S.L.	Wind			Pressure			Temp.			Cloud			9 h	Weather	Temperature			Rain																				
			Direction (degrees)	Speed (kts.)	Visibility (code figures)	Present Weather	Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point °F.	Form.			Total amount 0-8			Main layer 0-8	Lowest layer 0-8			Min. °F.	Min. on Grass °F.																		
											Low.	Medium.	High.					Alt.	Alt.				Alt.																	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
0	Kew	18	270	1780	b	18.1	-3	43	37	5	5	5	5	1		cbcc	43	31	-																					
1	London Airport	82	270	1680	b	18.5	-4	41	37	5	5	5	5	1		cbccbc	41	38	TR																					
	Lymington	341	290	1348	b	20.1	-4	43	39	5	1	1	40	1		cbccbc	38	34	-																					
	Tangmere	53	250	1280	b	21.0	0	43	38	5	1	1	15	1		cbcc	39	36	-																					
	Calshot	8														b	42	38	TR																					
2	Boscombe Down	414	250	1480	0	20.2	0	43	33	5	8	8	20	1		bcbbbc	41	37	-																					
	Felixstowe	10	260	1556	0	15.6	-3	43	33	5	1	1	1	1		bcbbbc	41	36	TR																					
	Gorleston	5	270	1764	b	13.4	-4	43	35	5	1	1	30	1		bccprbc	41	37	TR																					
	West Raynham	250	240	2348	b	12.8	-3	41	36	5	4	4	25	1		bccprbc	40	38	TR																					
	Mildenhall	15	250	1780	b	14.5	-3	42	35	5	1	1	55	1		bccprbc	40	35	-																					
3	Cranfield	340	260	1881	b	16.2	+1	42	34	5	3	3	57	1		bbccbcc	40	36	-																					
	Honiley	427	250	1380	b	16.3	-1	43	36	5	2	2	30	1		bbccbcc	39	34	-																					
	Wittering	236	270	2164	b	14.4	-7	41	34	5	1	1	40	1		bc, cpr, bc	40	35	0.1																					
	Watnall	366	270	1064	b	17.5	+6	43	32	5	6	6	25	1		cbccidocno	40	36	0.6																					
4	Little Rissington	740	250	1881	b	17.8	+6	41	33	5	0	0	0	1		b, c, bcc, cpr, bc	40	38	TR																					
	Ross-on-Wye	223	270	2581	b	16.3	+7	43	34	4	1	1	35	1		bcc	44	*	TR																					
	Shawbury	235	270	2581	b	16.3	+7	43	34	4	1	1	35	1		bbccbc	42	37	0.1																					
5	Bristol	209	280	2581	b	16.3	-4	43	38	3	1	1	22	1		bcc, cpr, bc	40	37	0.1																					
	Exeter	100	270	1881	b	22.3	-4	45	38	5	5	5	25	1		bcc, cpr, bc	42	37	TR																					
	Portland Bill	32	270	1381	b	22.2	-4	47	40	5	4	3	10	1		bcc, cpr, bc	46	37	TR																					
	Plymouth	90	290	1056	b	24.0	0	47	39	5	8	8	20	1		bcc, cpr, bc	44	38	0.1																					
	Chivenor	20	290	3064	c	22.8	+5	47	42	5	6	6	22	1		cidoc	44	40	TR																					
	St. Eval	336	290	1682	c	25.1	+2	46	42	4	5	5	32	1		bcc, cpr, bc	44	39	TR																					
	Lizard	240	270	2480	b	25.8	+8	47	45	5	5	5	15	1		bcc, cpr, bc	45	39	TR																					
	Scilly, St. Mary's	163	270	2380	b	25.6	+1	46	43	5	5	5	15	1		bcc, cpr, bc	45	39	TR																					
	Guernsey	340	280	1480	b	25.4	+1	47	38	8	7	7	20	4	10		cidoc	45	41	TR																				
	Aberporth	375	280	2080	b	20.4	+3	44	39	4	1	1	18	1		b	42	38	-																					
6	Pembroke	142	310	2580	b	21.4	+6	47	38	2	4	4	30	1		bcc, cpr, bc	46	39	-																					
7	Holyhead (Valley)	32	310	2680	b	19.3	0	45	40	5	2	2	30	1		bcc, cpr, bc	42	39	-																					
8	Manchester	230	270	2480	b	13.9	0	43	37	2	1	1	20	1		bcc, cpr, bc	40	37	0.3																					
	Squires Gate...	33	270	3082	b	13.1	+4	44	38	6	3	3	20	1		bcc, cpr, bc	42	40	0.6																					
	Silloth	25	270	1060	b	10.8	+11	40	38	8	3	3	15	1		cidoc	39	33	1																					
9	Finningley	52	290	2681	b	10.8	-3	44	38	5	3	3	22	1		cidoc	41	33	0.1																					
10	Spurn Head	29	270	3048	b	10.2	-5	45	39	1	0	0	0	1		bcc, cpr, bc	40	33	0.6																					
	Leeming	105	240	1281	b	08.7	+3	41	38	5	1	1	22	1		bcc, cpr, bc	39	36	0.3																					
	Tynemouth	106	270	2456	b	06.1	+6	40	33	3	3	3	18	1		bcc, cpr, bc	37	32	TR																					
11	St. Abb's Head	280	290	3781	b	02.7	+13	39	34	1	3	3	30	1		bcc, cpr, bc	36	32	TR																					
	Leuchars	36	270	2283	b	02.8	+17	37	29	2	1	1	30	1		bcc, cpr, bc	36	32	TR																					
12	Edinburgh	794	270	2283	b	02.8	+17	37	29	2	1	1	30	1		bcc, cpr, bc	36	32	TR									</												

Minimum temperature and rainfall read at 0700. † Birr Castle reports at 0700.

The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air.

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\* Information not usually received.



1949

LIGHT

Time

Rain

Wind

Bar

Temp

Humidity

Cloud

Sun

Moon

Phase

Rise

Set

Illumination

Age

Distance

Direction

Speed

Altitude

Azimuth

Declination

Right Ascension

Equatorial Coordinates

Galactic Coordinates

J2000 Epoch

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BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Saturday 22<sup>nd</sup> January 1949  
No. 31828OBSERVATIONS at 12h. G.M.T. 21<sup>st</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 21<sup>st</sup> JanuaryOBSERVATIONS during DAY (21<sup>st</sup>)

District	STATIONS (For heights see p. 4)	Wind										Pressure										Temp.										Cloud										Wind										Pressure										Temp.										Cloud										21 h																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		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Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point		Form		Total amount		Main layer		Lowest layer		Direction (degrees)		Speed (kts.)		Visibility (code figures)		Present Weather		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb		Wet Bulb		Dew point	







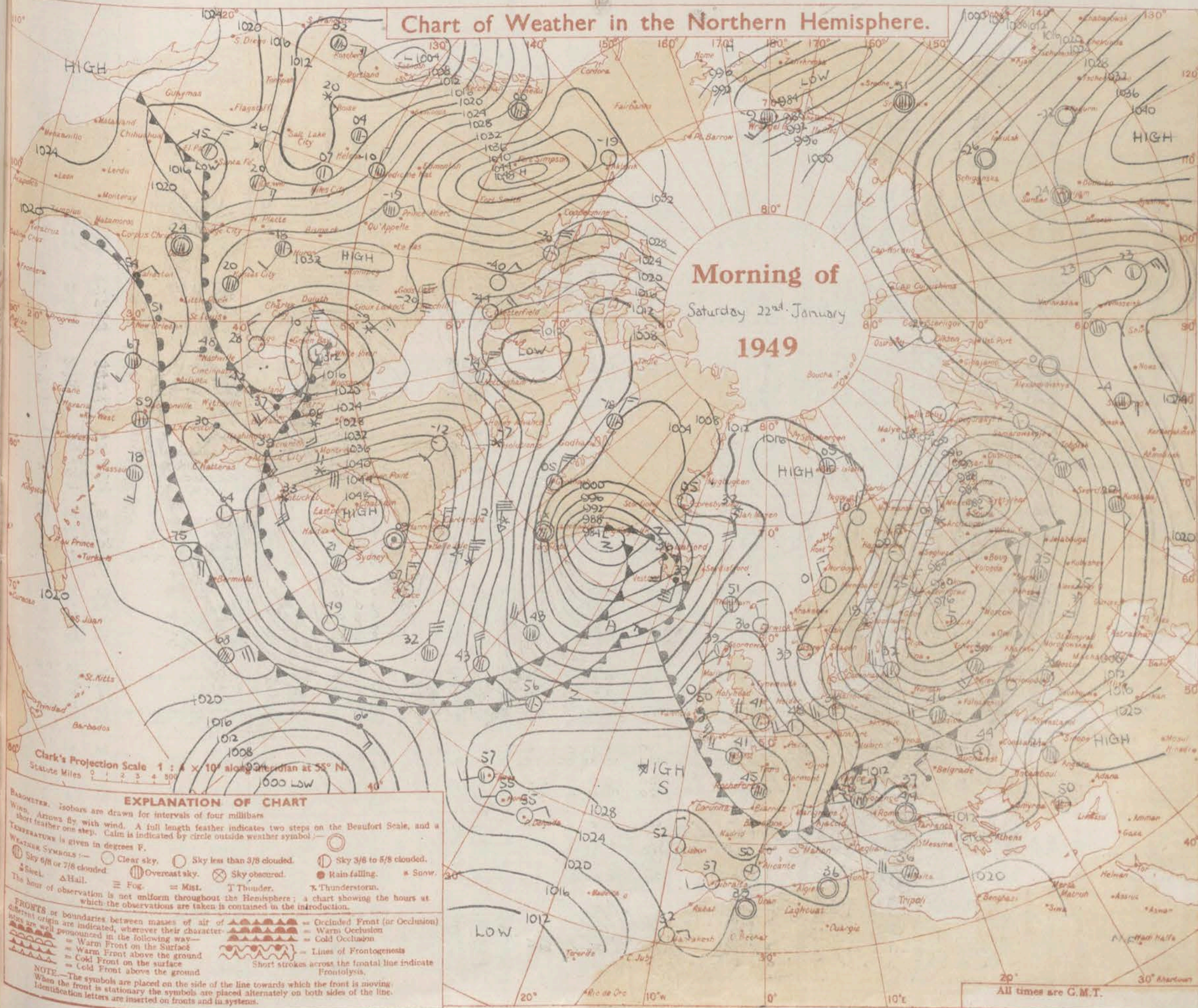
949	
2	
humidity	
h	gh %
	To-day

\*  
93  
92  
95  
94  
94  
96  
22<sup>nd</sup>  
15.9  
+51  
O  
OW  
55  
42  
1016  
1018

Cloudy in England: Periods of rain in Scotland.

↓ South cones are flying along the coasts of Britain north of a line Solway Firth - Berwick including Orkneys and Shetlands, and along the coast of Northern Ireland.

1020  
50





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 22 January 1949  
No. 31838

OBSERVATIONS at oohr. G.M.T. 22-4 January																	OBSERVATIONS at o6hr. G.M.T. 22-4 January																	OBSERVATIONS Friday NIGHT						
STATION.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						Wind.				Pressure.		Temp.		Cloud.						9 h State of ground + atmosphere.	Weather.	Temperature		Rain						
		Direction (degrees).	Speed (kts.).	Force (gale force).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	At Dry Bulb.	Wet Bulb.	Dew point.	Form.	Total amount.	Main layer.	Ht.	Lowest layer.	Direction (degrees).	Speed (kts.).	Force (gale force).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	At Dry Bulb.	Wet Bulb.	Dew point.	Form.	Total amount.	Main layer.	Ht.	Lowest layer.			Min. °F.	Max. °F.							
																																			(1)	(2)	(3)	(4)	(5)	(6)
0 Kew ...	18	280	12	52	b	29.7	+9	41	37	-	-	-	-	-	290	02	35	c	27.5	+17	39	36	5	-	-	6	6	40	-	-	1	becmo, wbmox	35	25	-					
1 London Airport ...	82	280	12	52	b	29.7	+9	41	37	-	-	-	-	-	280	06	56	bc	27.4	+16	36	34	5	-	-	6	3	40	2	-	1	becbbcmowbcmo	33	28	-					
Lymington ...	341	280	12	52	b	29.7	+9	41	37	-	-	-	-	-	340	08	64	b	26.7	+13	35	34	5	-	-	3	3	40	2	-	1	cbwxbcmo	33	26	-					
Tangmere ...	53	280	12	52	b	29.7	+9	41	37	-	-	-	-	-	290	06	20	bc	27.7	+12	36	35	5	-	-	3	3	35	-	-	1	bmbbcmo	31	28	-					
Calshot ...	8	260	15	64	b	26.1	+4	42	38	-	-	-	-	-	310	04	64	b	27.9	+11	40	38	5	-	-	2	2	15	-	-	1	bmbbcmo	37	33	-					
2 Boscombe Down ...	414	260	08	56	b	26.3	+7	38	37	-	-	-	-	-	260	08	56	b	27.9	+10	36	35	-	-	3	2	2	-	-	0	bpmow, cmc	35	27	TR						
Felixstowe ...	10	300	12	56	b	22.2	+15	42	35	-	-	-	-	-	330	08	56	b	25.7	+17	38	35	-	-	1	2	2	-	-	1	bcmowx	35	27	TR						
Gorleston ...	5	310	15	32	b	20.8	+8	40	33	-	-	-	-	-	290	13	56	b	25.0	+21	37	34	5	-	-	2	2	40	-	-	1	bcmowx	35	27	TR					
West Raynham ...	250	300	15	40	b	21.9	+20	39	33	-	-	-	-	-	270	05	16	bc	25.9	+21	34	33	-	-	2	4	4	-	-	0	bmm	31	25	-						
Mildenhall ...	15	270	09	40	b	23.0	+17	40	38	-	-	-	-	-	320	03	20	b	26.0	+12	33	33	-	-	2	2	0	-	-	3	bmmowxbmx	30	20	-						
3 Cranfield ...	340	290	13	80	b	24.0	+19	42	36	5	-	-	3	3	28	-	-	c	26.7	+13	35	32	-	-	6	7	-	-	-	0	cbccbcmobcmabmx	32	25	-						
Honiley ...	427	250	09	64	b	25.4	+12	43	39	5	-	-	7	7	28	-	-	b	27.3	+11	42	40	5	-	-	8	8	21	-	-	2	ccidobcfoc	39	37	0.6					
Wittering ...	236	290	11	32	b	23.8	+21	40	36	-	-	-	0	0	28	-	-	b	26.8	+13	35	32	-	-	-	0	0	-	-	-	0	bibmox, bmax, bmo	30	23	-					
Watnall ...	366	320	06	40	b	24.1	+22	40	36	-	-	-	0	0	-	-	-	b	26.4	+15	37	35	-	-	-	0	0	-	-	-	1	bmbbcmo	33	24	-					
4 Little Rissington ...	740	270	11	80	b	25.7	+10	43	37	5	-	-	1	1	30	-	-	c	27.6	+14	39	36	5	-	-	7	7	35	-	-	1	bmmowxbmx	39	35	-					
5 Ross-on-Wye ...	223	280	10	81	b	25.9	+10	41	35	5	-	-	1	1	25	-	-	bc	26.7	+3	39	36	5	-	-	3	3	50	-	-	0	cbcc	40	29	TR					
Shawbury ...	235	260	10	40	b	26.7	+5	40	38	5	-	-	0	0	-	-	-	bc	28.1	+9	39	37	5	-	-	4	2	40	-	-	1	probe	34	26	TR					
Bristol ...	209	290	05	80	b	28.0	+6	43	41	5	-	-	2	2	42	-	-	b	28.8	+7	42	41	5	-	-	8	8	45	-	-	1	bmmowxbmx	39	30	TR					
Exeter ...	100	310	09	31	b	27.3	-2	47	45	2	-	-	2	2	20	-	-	c	29.0	+1	41	40	5	-	-	5	5	30	-	-	0	bmmowxbmx	40	33	TR					
Portland Bill ...	32	290	08	81	b	27.3	-2	47	45	2	-	-	2	2	20	-	-	c	28.7	+2	43	41	5	-	-	7	7	-	-	-	1	bmmowxbmx	42	36	TR					
Plymouth ...	90	310	05	82	b	29.1	+0	46	42	5	-	-	8	8	32	-	-	c	29.4	+1	45	39	5	-	-	6	6	83	-	-	1	bmmowxbmx	42	35	TR					
Chivenor ...	20	290	05	80	b	29.4	+0	46	42	5	-	-	8	8	32	-	-	c	30.0	+6	43	38	5	-	-	4	0	-	-	-	1	bmmowxbmx	42	35	TR					
St. Eval ...	336	290	05	80	b	29.4	+0	46	42	5	-	-	8	8	32	-	-	c	29.3	-3	47	43	5	-	-	4	0	-	-	-	1	bmmowxbmx	42	35	TR					
Lizard ...	240	290	05	80	b	29.4	+0	46	42	5	-	-	8	8	32	-	-	c	29.3	-3	47	43	5	-	-	4	0	-	-	-	1	bmmowxbmx	42	35	TR					
Scilly, St. Mary's ...	163	290	05	80	b	29.4	+0	46	42	5	-	-	8	8	32	-	-	c	29.3	-3	47	43	5	-	-	4	0	-	-	-	1	bmmowxbmx	42	35	TR					
6 Guernsey ...	340	330	08	82	b	29.3	+5	44	39	-	-	-	1	0	-	-	-	c	29.4	+1	45	39	5	-	-	6	5	45	2	25	1	cbcc	43	39	TR					
Aberporth ...	375	090	09	81	b	27.0	+8	44	42	5	-	-	2	2	36	-	-	c	26.9	+3	41	38	5	-	-	6	6	-	3	35	1	cbcc	38	36	TR					
7 Pembroke ...	142	240	13	81	b	27.6	+4	47	42	5	-	-	3	3	28	-	-	c	27.6	-3	46	39	-	-	-	6	6	83	-	-	1	cbcc	44	39	TR					
Holyhead (Valley) ...	32	290	12	82	b	26.2	+7	44	41	5	-	-	3	3	30	-	-	bc	26.1	-5	44	39	-	-	-	6	6	60	-	-	1	cbcc	39	33	TR					
8 Manchester ...	230	290	12	48	b	24.7	+15	40	38	5	-	-	1	1	35	-	-	bc	26.6	+9	37	37	5	-	-	4	4	-	1	20	1	bmmowxbmx	36	30	TR					
9 Squires Gate ...	33	300	15	80	b	24.2	+10	43	38	5	-	-	1	1	45	-	-	c	25.7	+3	40	39	5	-	-	8	8	-	-	-	1	cbcc	38	34	TR					
Silloth ...	25	310	05	82	b	27.8	+4	46	42	5	-	-	8	8	32	-	-	c	28.7	+2	43	41	5	-	-	7	7	-	-	-	1	cbcc	40	36	TR					
10 Finningley ...	52	310	05	82	b	27.8	+4	46	42	5	-	-	8	8	32	-	-	c	29.4	+1	45	39	5	-	-	6	6	83	-	-	1	cbcc	40	36	TR					
Spurn Head ...	29	310	05	82	b	27.8	+4	46	42	5	-	-	8	8	32	-	-	c	29.4	+1	45	39	5	-	-	6	6	83	-	-	1	cbcc	40	36	TR					
Leeming ...	105	310	05	82	b	27.8	+4	46	42	5	-	-	8	8	32	-	-	c	29.4	+1	45	39	5	-	-	6	6	83	-	-	1	cbcc	40	36	TR					
11 Tynemouth ...	108	310	09	80	b	22.2	+24	38	31	5	-	-	2	2	20	-	-	b	25.2	+8	35	33	5	-	-	2	2	20	-	-	1	cbcc	33	28	-					
St. Abb's Head ...	280	260	09	81	b	20.9	+28	41	36	5	-	-	1	1	40	-	-	bc	23.4	0	36	30	1	-	-	3	3	40	-	-	0	cbcc	30	24	-					
Leuchars ...	38	220	03	80	b	22.4	+23	36	31	5	-	-	1	1	35	-	-	c	22.9	-5	33	30	5	-	-	6	6	83	4	33	0	cbcc	31	25	-					
12 Eskdalemuir ...	794	050	02	64	b	23.5	+18	37	35	-	-	-	0	0	-	-	-	c	25.4	+8	29	27	5	-	-	6	6	25	-	-	3	cbcc	27	24	TR					
Prestwick ...	30	050	02	64	b	23.5	+18	37	35	-	-	-	0	0	-	-	-	c	23.0	-7	38	36	6	-	-	8	6	30	-	-	1	cbcc	37	28	-					
13A West Freugh ...	52	300	03	81	b	23.9	+19	41	39	5	-	-	2	2	25	-	-	c	23.7	+3	37	36	5	-	-	6	2	28	-	-	1	cbcc	36	29	0.2					
Ronaldsway ...	55	310	03	82	b	24.8	+1	43	40	5	-	-	1	1	13	-	-	c	25.2	-2	41	39	6	-	-	8	8	80	-	-	0	cbcc	39	33	-					
13B Three ...	29	200	03	81	b	22.9	+1	43	40	5	-	-	1	1	13	-	-	c	19.3	-23	45	41	5	-	-	8	8	15	-	-	2	cbcc	38	30	-					
13C Banbecula ...	16	160	03	81	b	21.2	+4	46	42	5	-	-	0	0	25	-	-	c	17.3	-23	44	42	5	-	-	8	8	22	-	-	2	cbcc	32	28	-					
Stornoway ...	10	180	03	80	b	20.4	+2	44	41	5	-	-	0	0	25	-	-	c	16.9	-30	44	41	5	-	-	8	8	10	-	-	2	cbcc	32	28	0.2					
14 Cape Wrath ...	387	360	02	83	b	20.8	+19	39	28	1	-	-	2	2	30	-	-	c	17.6	-32	40	32	5	-	-	6	6	30	-	-	0	cbcc	34	34	-					
Sole Skerry ...	43	180	09	82	bc	18.2	-22	42	34	8	-	-	3	3	15	3	10	bc	18.2	-22	42	34	8	-	-	3	3	15	3	10	1	cbcc	42	36	-					
15 Loch Rannoch ...	890	270	10	82	b	21.9	+32	34	31	-	-	-	0	0	-	-	-	c	22.4	-10	32	28	-	-	7	8	3	81	-	-	3	cbcc	30	21	-					
Dyce ...	234	260	06	52	b	20.8	+13	37	31	-	-	-	0	0	-	-	-	c	20.0	-20	33	31	5	-	-	6	6	35	-	-	0	cbcc	33	23	-					
16 Lonsmouth ...	21	260																																						

\* Information not usually received.



Page 1.

BRITISH  
SECTION

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 23rd January 1949  
No. 31839

No. .... 31839

22nd

OBSERVATIONS at 12h. G.M.T. 22nd January

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

OBSERVATIONS during DAY 22nd

[illegible]

Maximum temperature and rainfall read at 1800. † Birr Castle reports at 1300.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

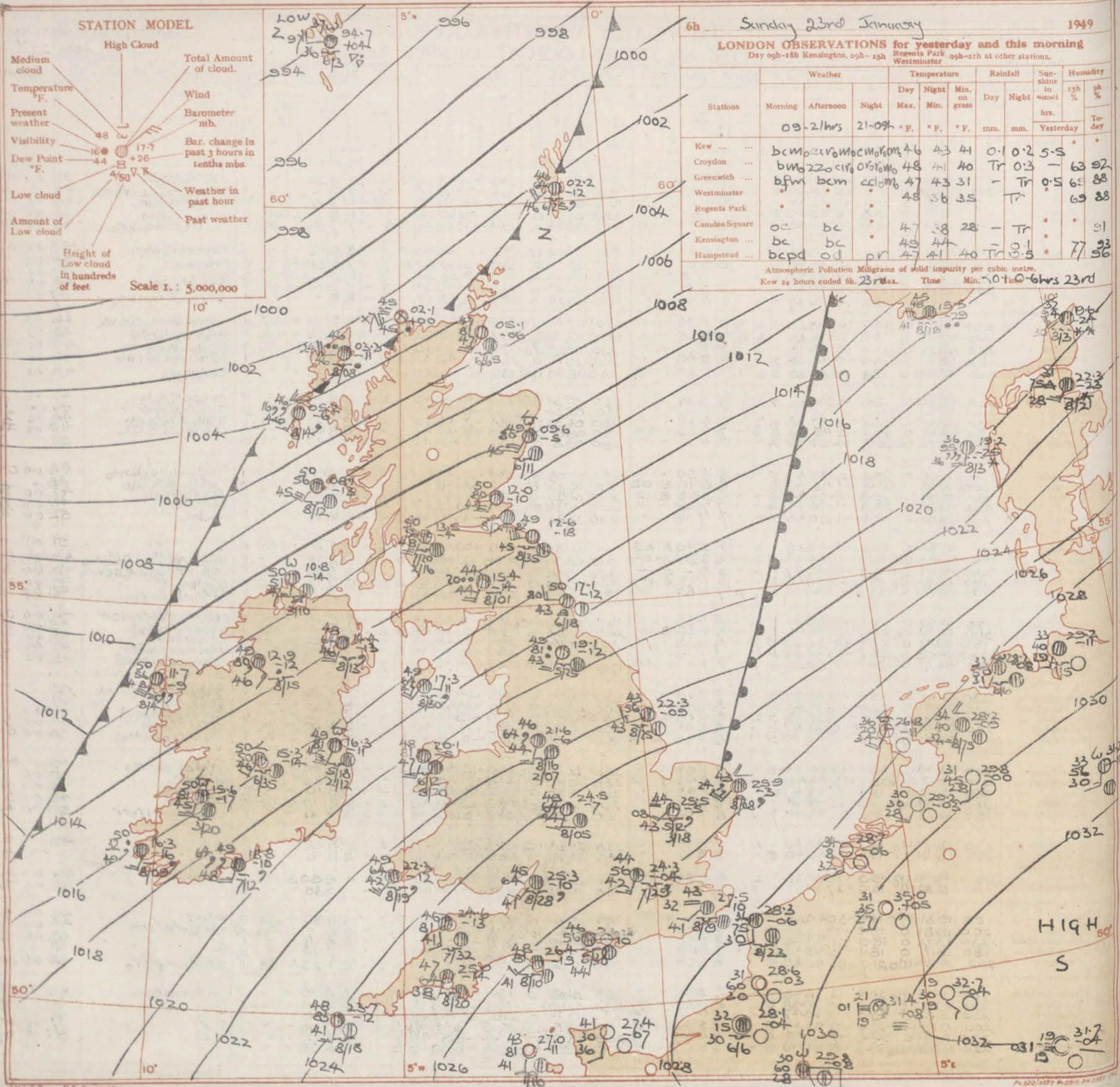
Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

† See footnote p. 4.

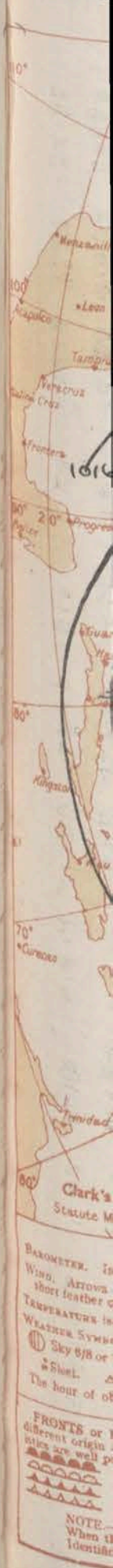
\* Information not usually received.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.





The steadily Rain followed ground Scotland and West





# GENERAL INFERENCE

The cold front off our northwest coasts is expected to move steadily Southeastward though waves on the front are probable. Rain will extend Southeastwards with the front across all areas followed in the North and Northwest by showers with snow on high ground, and fair intervals. It will become appreciably colder in Scotland and Northern Ireland. Showers may develop in Wales and Western England tomorrow.

# FURTHER OUTLOOK

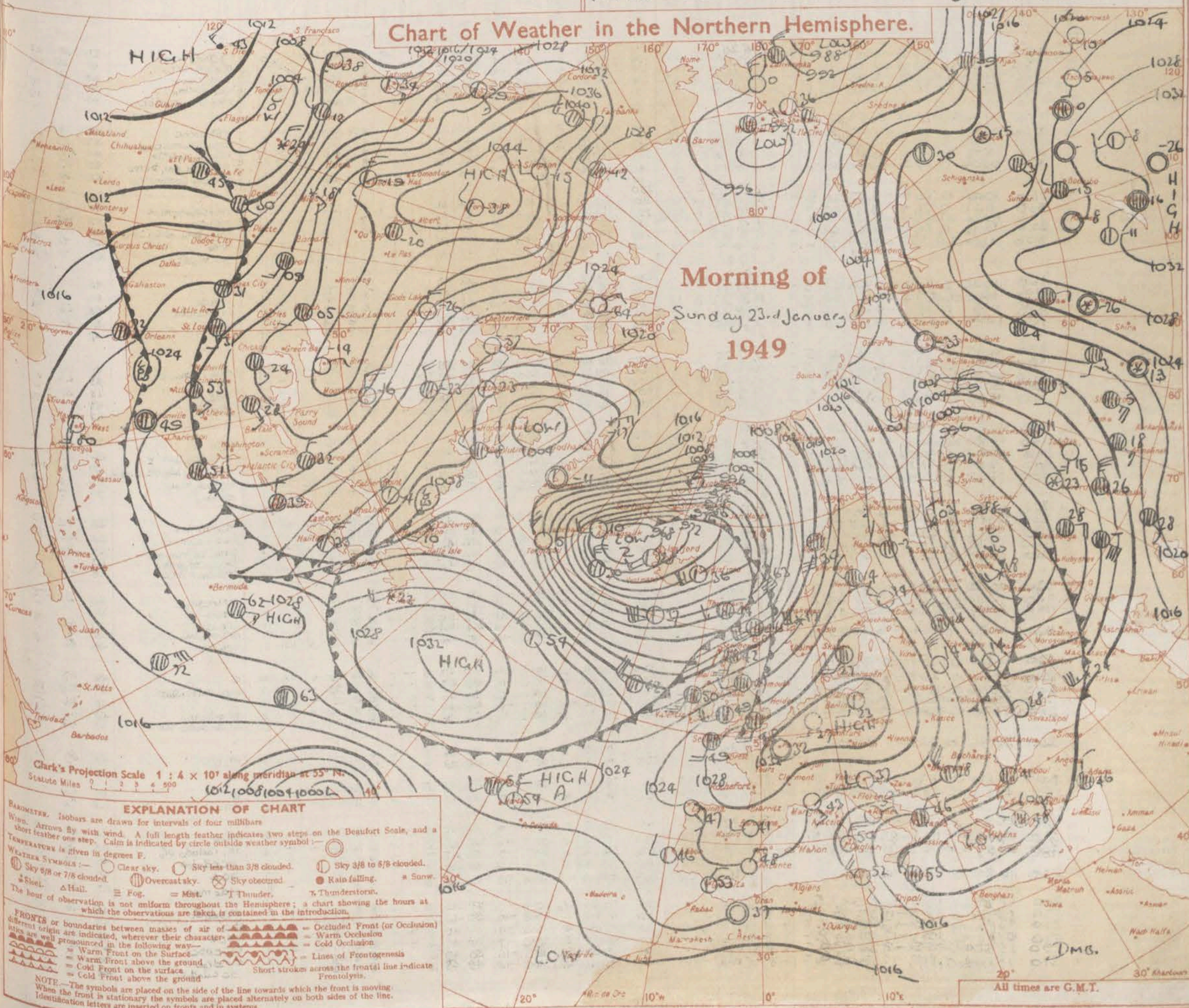
Becoming rather cold and fair apart from scattered showers in England and Wales with night frosts. Cold and showery with snow on high ground in Scotland and Northern Ireland but becoming gradually milder.

South cones are flying in the Orkneys and Shetlands, on Eastern coasts from Whiten Hd. to Berwick, on West coasts from Whiten Hd. to Port Patrick and on North Irish coasts from Foyle to Belfast.

## Chart of Weather in the Northern Hemisphere.

Morning of

Sunday 23rd January  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> 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 3/8 clouded. — Sky 3/8 to 6/8 clouded. — Sky 6/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm.

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—  
— Warm Front on the surface.  
— Warm Front above the ground.  
— Cold Front on the surface.  
— Cold Front above the ground.  
— Occluded Front (or Occlusion).  
— Warm Occlusion.  
— Cold Occlusion.  
— Lines of Frontogenesis.  
Short strokes across the frontal line indicate Frontolysis.

**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Sunday 23<sup>rd</sup> January 1949  
No. 31839

No. 31839

[illegible]

The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air.  
 RATES of SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d. or 5d. post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

\* Information not usually received.



1949

HEIGHT

Temperature

Rain

Min. on

Grass

at

10 ft.

mm.

(1)

(2)

(3)

(4)

(5)

(6)

(7)

(8)

(9)

(10)

(11)

(12)

(13)

(14)

(15)

(16)

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(40)

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(42)

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(45)

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Page 1.

BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 24th January 1949

No. 3140

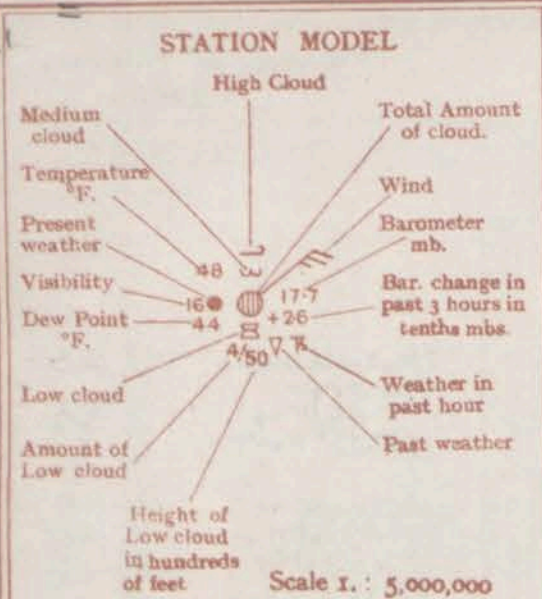
OBSERVATIONS at 12h. G.M.T. 23rd January

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

OBSERVATIONS during DAY (23rd)

STATIONS. (For heights see p. 4)	Wind.		Pressure.	Temp.		Cloud.							Wind.		Pressure.	Temp.		Cloud.							24 h State of ground	Weather.			Max Temp 24 h °F (35)	Sun- shine 24 h mm. (36)	Rain 24 h mm. (37)						
	Direction (degrees)	Speed (kts.)		Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb °F	Wet Bulb °F	Dew point °F	Low.	Medium.	High.	Total amount 0-8 10-3	Main layer 0-8	Ht. 0-8		Amt. 0-8	Ht. 0-8	Amt. 0-8	Ht. 0-8	Low.	Medium.	High.	Total amount 0-8 10-3	Main layer 0-8		Ht. 0-8	Amt. 0-8	Ht. 0-8				Amt. 0-8	Ht. 0-8				
(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)	
0 Kew ...	230	07	20	25.3	-13	47	43	28	-	-	-	7	7	29	1	25	190	05	20	b	23.9	+2	43	38	5	4	-	1	1	35	-	-	1	Cmo 20ncbmo	48	2.3	-
1 London Airport ...	180	10	21	25.2	-11	48	43	28	-	-	-	7	7	35	2	12	190	10	32	b	23.7	+1	42	38	5	4	-	2	2	35	-	-	1	Cmo 20ncbmo	51	-	-
2 Lympne ...	200	14	40	25.8	-08	45	41	1	-	-	-	2	2	10	-	-	220	08	40	b	25.2	+3	39	35	-	4	-	1	1	-	-	1	Cmo 20ncbmo	46	5.2	-	
3 Tangmere ...	230	15	48	26.2	-08	44	42	1	-	-	-	2	2	20	-	-	220	06	32	b	24.2	-1	39	37	4	-	1	1	25	-	-	1	Cmo 20ncbmo	44	5.9	-	
4 Calshot ...	200	14	80	25.5	-12	49	40	1	-	-	-	4	4	-	1	15	200	06	32	Z	24.0	0	44	41	4	4	9	3	1	-	20	0	Cbc bmo	50	3.7	-	
5 Boscombe Down ...	170	13	64	24.5	-10	48	40	1	-	-	-	7	8	-	5	20	170	07	56	C	23.5	0	43	40	5	8	-	7	5	-	5	30	0	Cbc bmo	48	1.5	Tr
6 Felixstowe ...	220	14	48	25.8	-08	46	41	5	-	-	-	8	8	31	-	-	220	10	40	Z	24.3	+2	42	39	-	4	-	2	2	-	-	1	Cmo 20ncbmo	48	2.9	-	
7 Gorleston ...	230	10	40	25.8	-08	46	41	5	-	-	-	7	7	80	-	-	230	14	40	Z	23.7	+5	43	39	-	-	-	7	7	25	-	-	0	Cmo 20ncbmo	49	1.6	-
8 West Raynham ...	210	18	80	23.8	-04	47	41	5	-	-	-	2	1	-	1	10	190	16	16	C	22.4	+2	43	39	5	-	-	7	7	25	-	-	0	Cmo 20ncbmo	47	1.9	-
9 Mildenhall ...	190	07	64	24.4	-10	47	44	5	-	-	-	8	8	30	-	-	180	07	16	bc	22.9	0	45	39	5	-	-	3	3	30	-	-	1	Cmo 20ncbmo	48	0.1	-
10 Cranfield ...	230	13	71	23.6	-13	45	40	5	-	-	-	8	8	30	-	-	200	09	81	0	22.4	+1	45	35	5	-	-	8	8	34	-	-	0	C	48	0.2	-
11 Honiley ...	200	16	81	23.4	-11	46	39	5	-	-	-	7	6	-	3	20	190	10	80	0	21.8	-1	45	38	5	-	-	8	8	23	-	-	1	C	47	2.2	-
12 Wittering ...	250	16	80	22.9	-15	47	40	5	-	-	-	6	6	15	-	-	230	11	48	0	21.9	-1	45	39	5	-	-	7	7	4	37	0	C	49	1.6	-	
13 Watnall ...	200	16	80	22.9	-15	47	40	5	-	-	-	6	6	15	-	-	210	08	24	Z	20.4	-1	45	38	5	-	-	8	8	35	-	-	1	C	49	0.9	-
14 Little Rissington ...	200	19	81	23.3	-19	46	39	1	-	-	-	6	5	-	2	20	200	15	80	C	22.0	-2	42	38	5	-	-	7	7	35	-	-	1	C	46	0.2	-
15 Roos-on-Wye ...	200	13	81	23.4	-12	47	40	5	-	-	-	7	6	30	-	-	200	08	64	0	22.1	-4	46	39	5	-	-	8	8	25	-	-	1	C	49	0.8	-
16 Shawbury ...	200	15	81	21.6	-17	47	37	5	-	-	-	7	6	30	-	-	200	10	81	0	19.7	-6	47	38	5	-	-	8	8	40	4	25	1	C	48	0.0	-
17 Bristol ...	200	12	81	24.2	-14	48	40	5	-	-	-	7	6	30	-	-	170	05	80	C	22.4	-4	45	39	5	-	-	8	8	27	5	20	1	C	48	0.1	-
18 Exeter ...	180	12	82	24.3	-11	48	40	5	-	-	-	7	6	30	-	-	180	05	82	0	22.4	-3	46	41	5	-	-	8	8	36	5	20	1	C	49	0.5	Tr
19 Portland Bill ...	200	13	81	28.4	-5	48	41	2	-	-	-	5	5	20	-	-	230	13	81	bc	23.8	+1	47	40	2	-	-	3	3	29	-	-	0	C	48	0.0	-
20 Plymouth ...	200	12	80	24.0	-9	48	40	5	-	-	-	7	6	30	-	-	200	10	48	Z	22.1	-4	48	44	5	-	-	8	8	20	-	-	1	C	48	0.0	Tr
21 Chivenor ...	130	10	81	23.8	-7	47	41	5	-	-	-	7	6	30	-	-	160	10	80	C	21.7	-2	46	42	5	-	-	8	8	29	-	-	1	C	48	0.0	Tr
22 St. Eval ...	190	17	80	23.8	-8	47	43	5	-	-	-	7	6	30	-	-	160	10	80	0	21.5	-4	46	44	5	-	-	8	8	25	-	-	1	C	47	0.0	Tr
23 Lizard ...	190	19	80	24.2	-0	48	44	5	-	-	-	7	6	30	-	-	200	12	81	0	21.5	-1	48	43	5	-	-	8	8	15	-	-	1	C	49	0.0	Tr
24 Scilly, St. Mary's ...	190	20	83	22.4	-2	49	43	5	-	-	-	7	6	30	-	-	200	10	81	C/d	20.3	-2	49	45	5	-	-	8	8	18	-	-	1	C	50	0.0	Tr
25 Guernsey ...	170	13	48	26.0	-15	45	43	5	-	-	-	7	6	30	-	-	170	02	32	Z	24.3	-1	40	36	-	-	-	4	1	-	-	-	0	C	46	5.6	-
26 Aberporth ...	190	14	80	21.1	-4	46	42	5	-	-	-	7	6	30	-	-	190	13	64	C/d	18.8	-7	45	45	6	-	-	8	8	31	4	10	+2	C	48	0.0	Tr
27 Pembroke ...	250	19	40	21.4	-2	48	42	7	-	-	-	7	6	30	-	-	250	19	64	0	19.1	-8	48	46	5	-	-	8	8	10	-	-	0	C	49	0.2	Tr
28 Holyhead (Valley) ...	210	26	48	19.0	-4	47	46	6	-	-	-	7	6	30	-	-	200	22	10	d	17.2	-3	47	47	5	-	-	8	8	11	5	0.4	1	C	48	0.0	Tr
29 Manchester ...	200	18	56	21.1	-4	47	40	5	-	-	-	7	6	30	-	-	190	11	48	0	19.4	-4	46	40	5	-	-	8	8	31	-	-	1	C	47	0.0	Tr
30 Squires Gate ...	180	17	40	20.4	-5	47	43	5	-	-	-	7	6	30	-	-	180	18	32	C/r	17.8	-8	46	43	5	-	-	8	8	29	3	16	1	C	46	0.0	Tr
31 Silloth ...	210	22	64	16.0	-4	48	46	5	-	-	-	7	6	30	-	-	200	30	80	0	13.6	-2	47	46	5	-	-	8	8	12	-	-	1	C	48	0.2	Tr
32 Finningley ...	200	15	29	21.1	-8	48	41	5	-	-	-	7	6	30	-	-	180	10	32	Z	19.4	-1	46	39	5	-	-	8	8	40	-	-	1	C	48	0.0	Tr
33 Spurn Head ...	230	20	48	21.8	-6	47	43	5	-	-	-	7	6	30	-	-	230	18	56	C	19.2	-5	45	40	5	-	-	8	8	25	-	-	1	C	47	1.6	Tr
34 Leeming ...	200	15	48	19.0	0	48	43	5	-	-	-	7	6	30	-	-	200	11	24	16	17.0	-6	47	42	5	-	-	8	8	18	-	-	1	C	48	0.0	Tr
35 Tynemouth ...	270	13	32	16.7	+6	50	39	5	-	-	-	7	7	14	-	-	250	13	32	C	15.8	+5	49	29	5	-	-	6	6	20	-	-	1	C	50	0.0	Tr
36 St. Abb's Head ...	230	24	82	10.8	+14	48	46	5	-	-	-	7	7	30	-	-	220	24	81	C/r	11.0	-13	47	45	5	-	-	8	8	30	-	-	1	C	49	0.1	2
37 Leuchars ...	200	18	81	10.8																																	





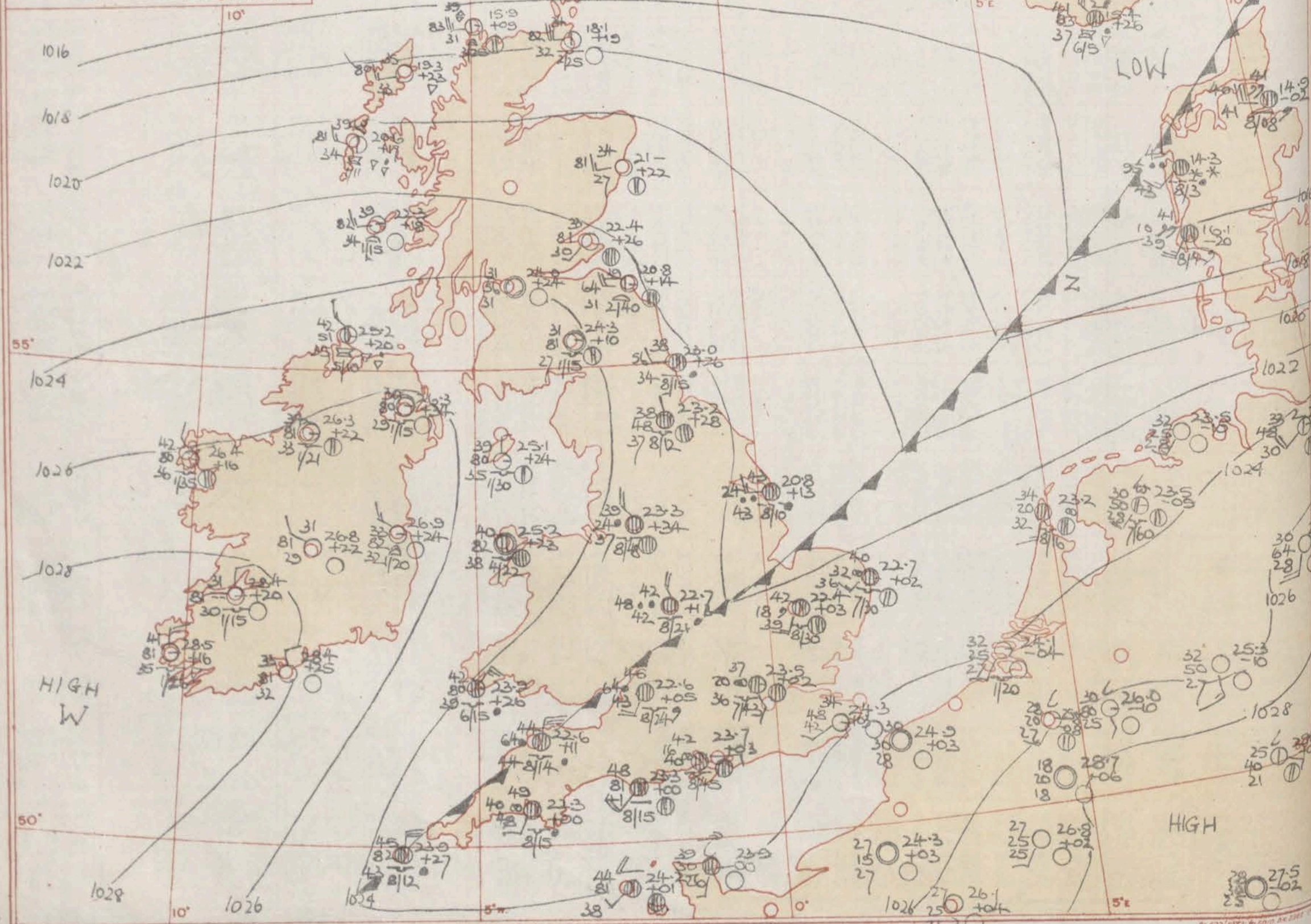
6h Monday 24th January 1949

**LONDON OBSERVATIONS** for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Westminster  
Regents Park 09h-15h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yest- erday	To- day
Kew ...	cmo	znd	cmo	48	35	26	-	Tr	2.3	*	*
London Airport	cmo	znd	cmo	51	35	28	-	Tr	*	*	*
Greenwich ...	cmo	znd	cmo	49	33	24	-	Tr	1.7	69	83
Westminster	.	.	.	50	37	29	-	-	.	64	83
Regents Park	.	.	.	49	39	30	-	-	.	63	85
Camden Square	0	bc	.	44	39	29	-	-	.	.	86
Kensington ...	bc	bc	.	51	38	+	-	-	.	76	83
Hampstead ...	bc	bc	0	49	38	33	-	-	.	.	87

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 24h Max. 0.3 Time 3h Min. 0.1 Time 2-4 hrs on 24





1949  
ng

Humidity  
gh %  
To-day

69 83  
64 83  
63 83  
76 83  
87

14.9  
-02

1016

1026

1022

30 2  
42 2  
30 2

1026

028

50 2  
27.5  
62

# GENERAL INFERENCE

A cold front with small waves over southern districts of England is moving southeastward slowly.

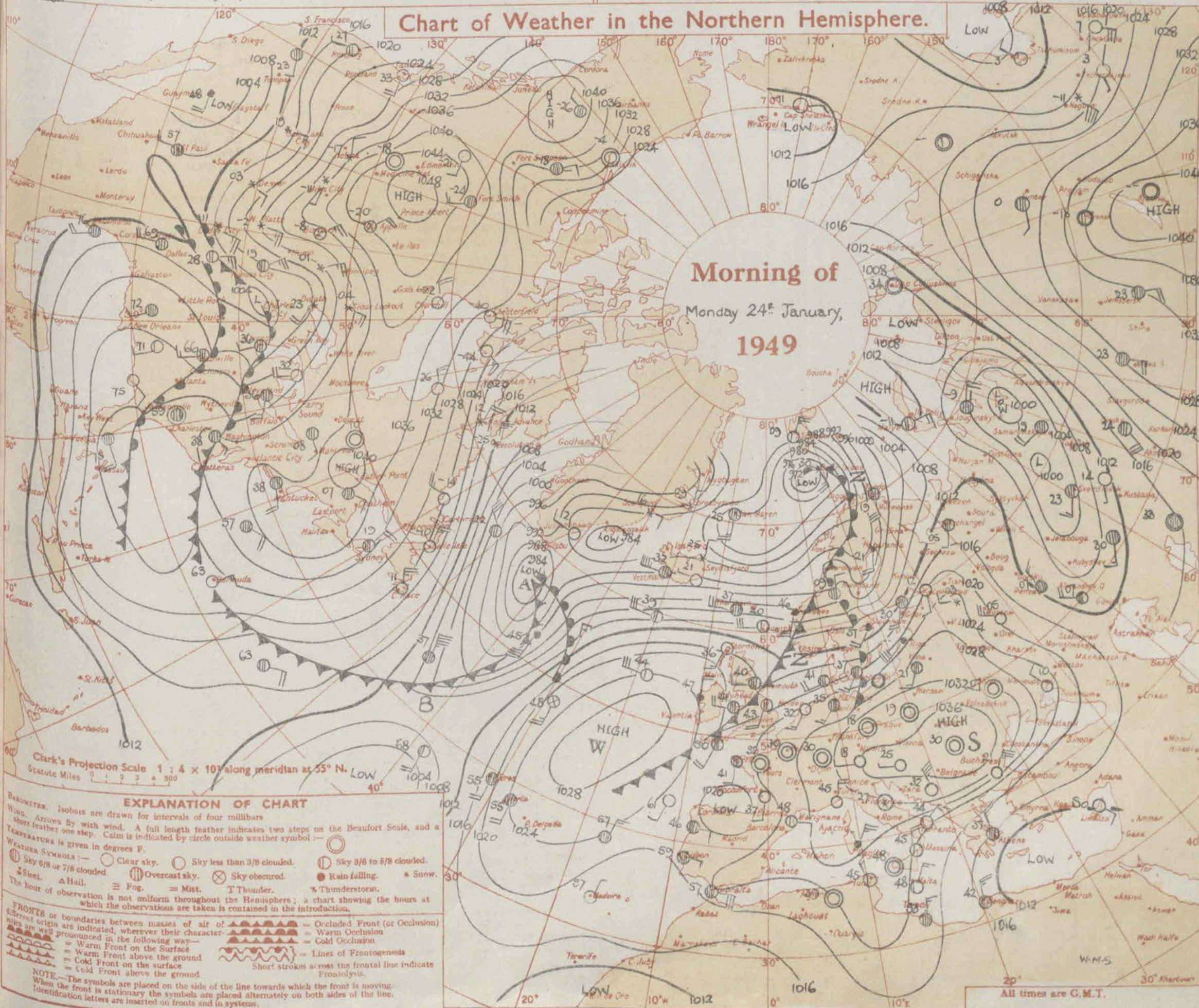
An anticyclone developing behind the front will extend northeastwards across the British Isles, while pressure is rising over Western Europe. Rain in the South will give way slowly to fair conditions while showers in the North and Northwest will die out. Fog may be fairly widespread and locally dense in the Midlands and Northern England and occur locally elsewhere in England, Wales and Southern Scotland to morrow morning. It will be generally cold with locally keen night frosts except in the extreme Southeast and in the Northwest.

# FURTHER OUTLOOK

Local fog and frost in most areas. Less settled in the Northwest.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 24<sup>th</sup> January,  
1949



Clark's Projection Scale 1 : 4 x 10<sup>6</sup> along meridian at 55° N.  
Statute Miles 0 1 2 3 4 500

## EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with 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 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Sky 5/8 or 7/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm. — 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.  
**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface — Warm Front above the ground — Cold Front on the surface — Cold Front above the ground — Occluded Front (or Occlusion) — Warm Occlusion — Cold Occlusion — Lines of Frontogenesis — Short strokes across the frontal line indicate Frontolysis.  
**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Monday 24th January 1949  
No. 31840

OBSERVATIONS at 00hr. G.M.T. 24th January																OBSERVATIONS at 06hr. G.M.T. 24th January																OBSERVATIONS Sunday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
District	STATIONS	Height above M.S.L.	Wind		Pressure	Temp.	Cloud						Wind	Temp.	Cloud						D h	Weather	Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			Direction (degrees)	Speed (kts.)			Form	Main layer	Lowest layer	Ht.	Form	Main layer			Lowest layer	Ht.	State of ground	21 h.-00 h.	Min. °F	Min. on Grass °F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
																							(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
0	New London Airport	18	170	05	13	23.5	+1	38	37	-	-	-	-	-	-	170	0120	C	23.5	+1	38	27	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-</

Minimum temperature and rainfall read at 0600. † See reports at 0700.

The DAILY WEATHER REPORT is issued in three Sections: British, International, Upper Air.

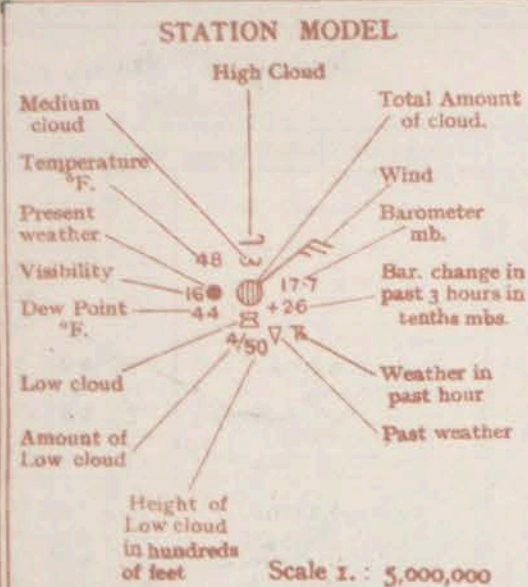
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BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Tuesday 25<sup>th</sup> January 1949  
No. 31841OBSERVATIONS at 12h. G.M.T. 24<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 24<sup>th</sup> JanuaryOBSERVATIONS during DAY (24<sup>th</sup>)

Distance.	STATIONS. (For heights see p. 4)	Wind.		Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Present Weather.	Pressure.		Temp.		Cloud.						24 h State of ground.	Weather. 09 to 21 h.	Max Temp. 24 h. F. (35)	Sun shine (36)	Rain (37)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Wet Bulb. °F.	Dew point. °F.	Form.	Total amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Bar at M.S.L.		Change in 3 hrs.	Dry Bulb. °F.	Wet Bulb. °F.	Dew point. °F.	Form.	Total amount.	Main layer.	Lowest layer.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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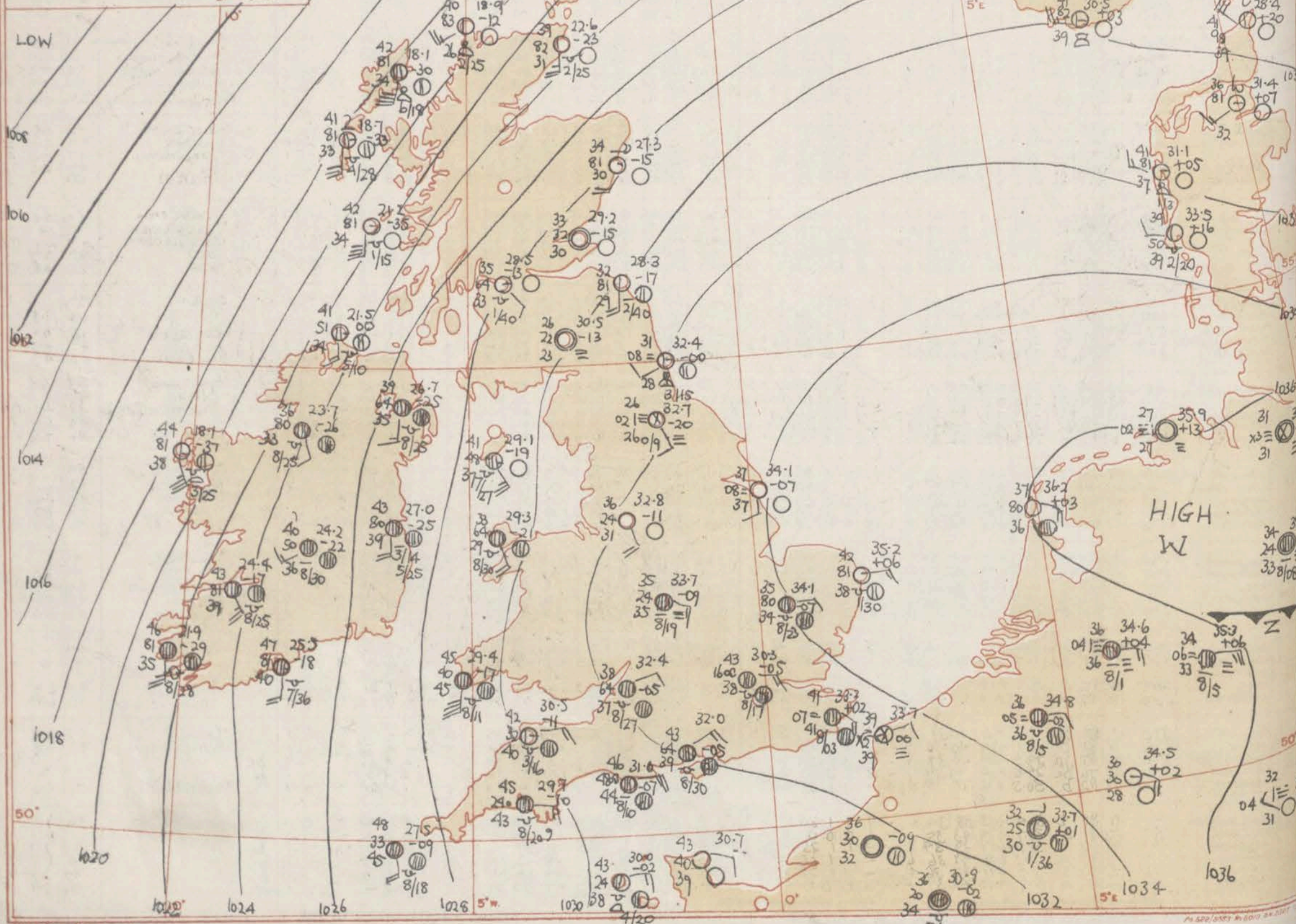


6h Tuesday 25<sup>th</sup> January 1949

**LONDON OBSERVATIONS for yesterday and this morning**  
Day 09h-15h Kensington, 09h-15h Westminster  
Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew	cm, w, f, r, c, m, o	cm, w, f, r, c, m, o	cm, w, f, r, c, m, o	45	41	36	1	1	0.0	*	*
London Airport	0, f, c, m, o, m, y	0, f, c, m, o, m, y	0, f, c, m, o, m, y	45	39	36	1	-	*	*	*
Greenwich	cd, f, m, c, m, o	cd, f, m, c, m, o	cd, f, m, c, m, o	44	40	38	1.0	-	0.0	86	91
Westminster	.	.	.	46	42	38	0.7	-	.	87	84
Regents Park	.	.	.	44	40	35	1.7	-	.	87	85
Camden Square	0	c	.	45	40	35	0.5	-	.	87	93
Kensington	0	cd	.	45	41	36	0.9	Tr	.	85	90
Hampstead	0	0	0	43	37	36	0.8	-	.	85	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 0h. 25<sup>th</sup> Max. 0.9 Time 2.4 Min. 0.1 Time 1.5 hrs 25<sup>th</sup>.



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## GENERAL INFERENCE

An anticyclone centred over Germany is moving eastwards and a trough of low pressure some 400 miles west of Ireland is moving eastwards, also. Southerly winds will freshen in all districts, reaching gale force at times in the west and north, and possibly severe in West and North Scotland. It will be mainly fair with variable cloud amounts to-day though there will be local fog in North-east England at first. Rain will spread across Scotland tonight possibly reaching some parts of Wales and Western England

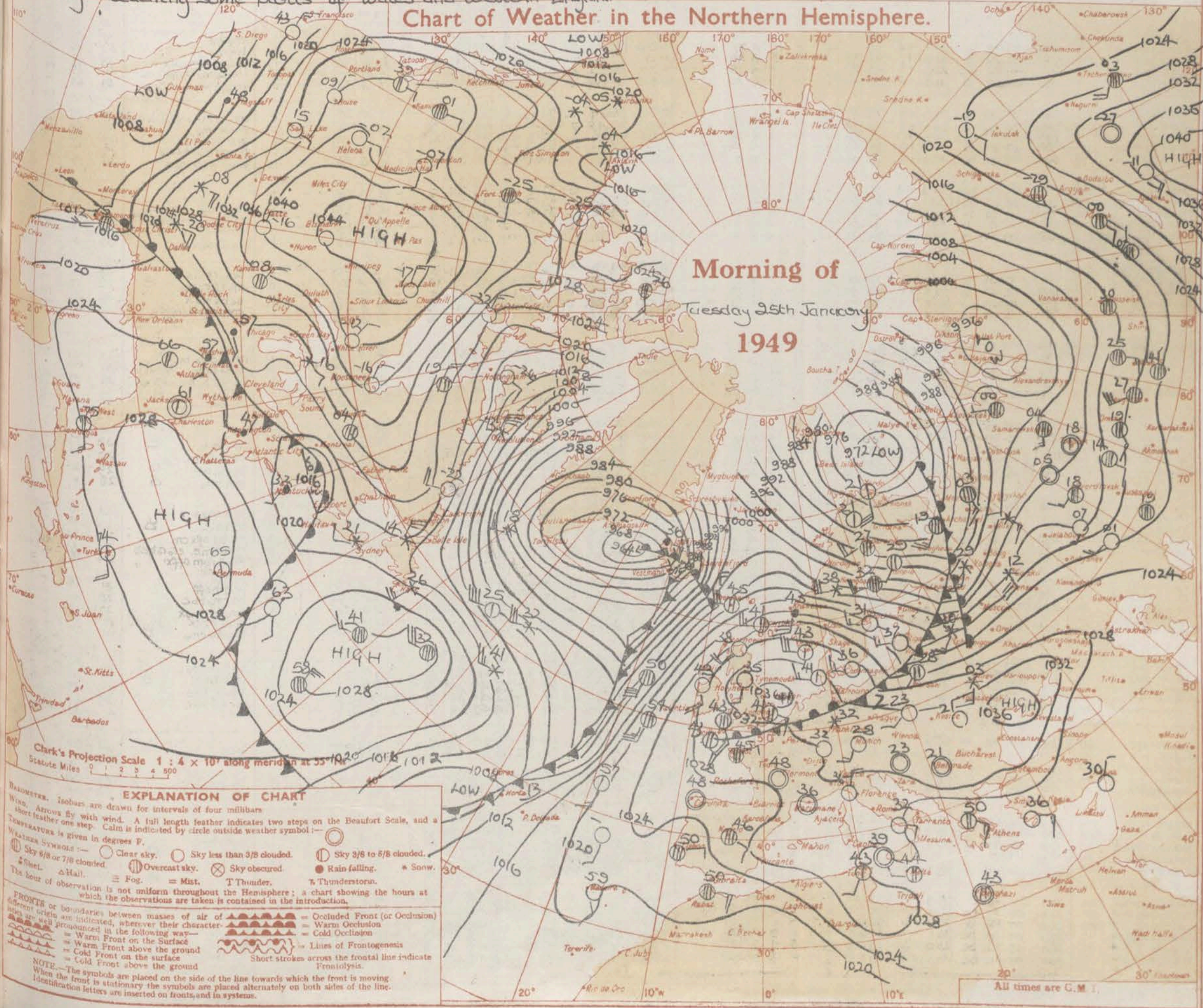
## FURTHER OUTLOOK

tomorrow morning. It will become rather less cold than of late.

Further Outlook  
Rain probably spreading eastwards across the country followed by a temporary fair interval.

## Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 25th January  
1949



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 25<sup>th</sup> January 1949

No. 31841

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RATES OF SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d or 5d post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

\* Information not usually received.



1949

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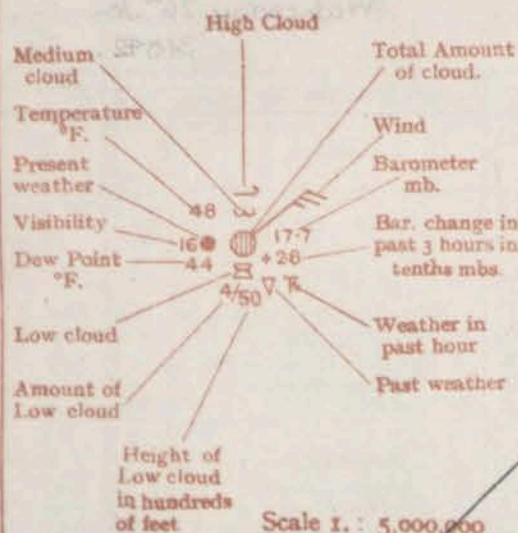
Page 1.

BRITISH  
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No. 31842OBSERVATIONS at 12h. G.M.T. 25<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 25<sup>th</sup> JanuaryOBSERVATIONS during DAY (25<sup>th</sup>)

Direction	STATIONS (For heights see p. 4)	Wind.		Present Weather.	Pressure.		Temp.		Cloud.						Wind.		Pressure.		Temp.		Cloud.						21 h State of ground.	Weather.	Max Temp. 09h-21h °F (35)	Sun-shine (36)	Rain 09h-21h mm. (37)														
		Direction (degrees).	Speed (kts.).		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Main layer.	Lowest layer.	Total amount.	0-8	0-8	0-8	0-8	0-8						0-8													
																																	Low.	Medium.	High.	Total amount.	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8	0-8
0	Kew	150	11 20	b	31.0	-13	46	31	-	-	-	-	0	0	0	-	-	120	06 20	b	29.6	-1	42	37	-	-	0	0	0	-	-	1	CmoCmbzdyzobmox	48	4.1	-									
1	London Airport	110	14 32	z	31.2	-14	46	33	-	-	-	-	0	0	0	-	-	110	09 05	b	29.3	+2	41	38	-	-	0	0	0	-	-	0	Cmbzdybm	49	*	-									
	Lympne	110	15 22	b	32.0	-11	42	37	-	-	-	-	0	0	0	-	-	110	11 08	b	30.7	+1	40	38	-	-	2	2	-	-	-	1	Cmbmoxbchmxmo	44	5.5	-									
	Tangmere	130	14 20	z	30.9	-10	46	35	-	-	-	-	0	0	0	-	-	090	08 06	b	29.0	-5	42	40	-	-	2	2	45	-	-	1	Cmbzdybm	48	-	-									
	Calshot	110	20 20	z	30.6	-12	45	40	5	-	-	-	1	1	10	-	-	090	13 16	c	28.5	-5	45	43	5	3	7	6	-	3	15	1	Cmo	46	2.7	-									
2	Boscombe Down	100	09 48	z	30.3	-16	45	37	-	-	-	-	2	2	20	-	-	100	05 12	z	28.2	+4	50	38	5	-	5	4	28	-	-	0	Cidobccmo	46	4.3	TR									
	Felixstowe	140	19 10	c	33.1	-9	43	41	6	-	-	-	7	5	15	-	-	140	12 08	b	31.1	-5	42	40	-	-	0	0	0	-	-	1	Cmbmbmow	45	2.5	-									
	Gorleston	160	21 24	cd	33.3	-7	42	40	5	-	-	-	8	8	10	-	-	160	19 20	z	31.2	-11	41	39	-	-	0	0	0	-	-	1	bccmbmo	43	0.4	-									
	West Raynham	130	10 16	o	32.6	-12	40	40	6	-	-	-	8	8	30	6	03	130	15 12	b	30.4	-6	38	37	6	-	2	2	06	-	-	1	Cmbmbocf	45	0.7	-									
	Mildenhall	130	15 16	o	32.3	-13	44	41	5	-	-	-	8	8	12	5	08	110	08 12	b	30.2	-7	38	36	-	-	0	0	0	-	-	1	ccmbmo	44	1.4	-									
3	Cranfield	090	08 12	c	31.5	-14	43	40	5	-	-	-	7	7	20	2	10	090	09 16	b	29.0	+1	38	34	-	-	0	0	0	-	-	0	CmCmbmbm	45	3.3	-									
	Honiley	140	06 32	o	32.1	-10	41	39	6	-	-	-	8	8	22	-	-	120	07 07	c	29.3	-4	40	39	-	-	7	7	-	-	-	1	CmbmoCmcm	43	0.6	-									
	Wittering	180	03 12	o	32.8	-9	40	38	5	-	-	-	8	8	15	-	-	160	05 07	b	29.7	-6	39	36	-	-	0	0	0	-	-	1	bmcfcmm	43	1.6	-									
	Watnall	160	03 08	o	31.9	-8	39	36	5	-	-	-	8	8	20	-	-	130	05 05	c	28.8	-10	38	36	5	4	7	4	10	-	-	1	cfcmcmobcm	39	0.0	-									
4	Little Rissington	130	06 16	c	31.8	-5	40	38	6	-	-	-	7	7	20	5	09	160	04 16	c	28.8	-1	40	35	5	-	7	7	18	-	-	1	omoCmbzdyzobm	44	3.3	-									
5	Ross-on-Wye	110	03 34	z	31.0	-7	43	37	5	-	-	-	5	5	30	-	-	120	01 12	z	28.8	-3	43	38	5	-	8	8	20	-	-	1	Cmo	47	2.0	-									
	Shawbury	160	10 40	z	31.1	-7	41	35	5	-	-	-	7	4	25	1	15	180	04 40	c	28.3	-6	41	36	5	-	7	7	25	-	-	1	CmoCmo	43	0.0	-									
	Bristol	110	10 40	c	30.9	-11	44	38	5	-	-	-	7	7	15	-	-	130	04 24	c	28.3	-4	43	39	5	-	7	7	21	-	-	1	CmoCmo	47	2.6	TR									
	Exeter	130	14 80	c	29.8	-10	48	41	8	-	-	-	6	5	40	1	25	-	016	o	27.9	+3	44	42	4	-	8	8	20	-	-	1	CmoCmo	48	2.0	TR									
	Portland Bill	110	19 48	z	30.7	0	46	42	2	-	-	-	4	4	20	-	-	150	13 48	z	27.9	-7	48	44	4	-	8	8	10	-	-	0	C	48	-	-									
6	Plymouth	090	08 56	bc	28.5	-10	49	40	5	-	-	-	3	3	15	-	-	-	0	24	c	27.2	+4	43	39	5	3	6	3	15	-	-	1	CldoCmbccmo	49	3.7	TR								
	Chivenor	110	08 48	c	29.4	-3	45	41	5	-	-	-	7	7	30	1	15	090	03 16	b	27.3	+2	42	38	-	-	1	1	-	-	-	1	CmoCmo	50	*	*									
	St. Eval	090	01 16	bc	28.7	-5	45	45	7	-	-	-	8	6	06	-	-	090	03 24	z	26.7	-6	42	39	5	-	5	2	125	-	-	1	CmoCmo	48	3.2	TR									
	Lizard	110	15 80	bc	28.0	-5	49	42	8	-	-	-	3	3	20	-	-	120	02 56	c	26.3	-2	46	42	5	-	7	7	20	-	-	0	bcco	48	4.5	-									
	Scilly, St. Mary's	150	16 82	bc	27.2	-3	50	45	8	-	-	-	5	5	21	-	-	160	10 81	bc	25.7	-7	43	38	5	-	5	4	3	17	-	0	bcebc	50	2.6	-									
7	Guernsey	110	09 24	z	29.1	-6	45	38	-	-	-	-	0	0	0	-	-	150	05 08	cd	27.7	+3	44	42	5	-	8	8	09	5	0.4	1	bmoCmidoCmo	46	2.7	TR									
8	Aberporth	160	09 52	b	28.0	-20	45	40	5	-	-	-	2	1	10	-	-	160	11 32	bc	26.4	-2	41	38	5	-	5	5	2	40	-	0	Cbcbhmo	46	4.3	-									
9	Pembroke	170	24 32	b	28.1	-11	42	40	-	-	-	-	5	1	-	-	-	180	20 32	c	25.1	-13	47	45	2	6	7	4	65	-	-	0	Cbcbhmo	48	4.7	-									
10	Holyhead (Valley)	190	23 80	c	27.6	-10	45	39	1	-	-	-	7	7	60	-	-	190	16 64	c	25.1	-2	45	41	-	-	7	7	60	-	-	0	bcebc	47	5.1	-									
	Manchester	170	09 16	o	31.4	-8	39	35	5	-	-	-	8	8	10	-	-	160	08 09	bc	28.5	-6	39	36	5	-	5	5	22	2	10	1	Cmbcm	42	0.0	-									
11	Squires Gate...	130	18 14	b	30.4	-19	41	37	-	-	-	-	1	1	86	-	-	150	17 13	bc	27.0	-8	39	36	-	-	3	3	86	-	-	1	Cbcbhmo	44	4.5	-									
12	Silloth	180	14 81	c	27.2	-18	41	36	5	-	-	-	7	7	25	-	-	200	12 64	bc	24.0	-9	42	37	5	3	3	130	-	-	1	Cbc	49	-	-										
13	Finningley	160	06 10	o	32.1	-14	35	32	5	-	-	-	8	8	15	-	-	160	07 08	o	29.4	-7	38	36	5	-	8	8	18	-	-	1	CmxCmoCmbm	39	0.0	-									
14	Spurn Head	160	13 32	o	32.9	-7	41	40	5	-	-	-	8	8	20	-	-	160	11 32	b	29.7	-16	41	41	5	-	2	2	20	-	-	1	Cm	43	0.0	-									
15	Leeming	140	07 04	f	30.9	-16	33	32	-	-	-	-	9	9	0	-	-	160	11 02	cf	27.9	-7	36	35	6	-	7	7	04	-	-	1	o-xofxof	37	0.0	-									
16	Tynemouth	230	13 08	cl	30.8	-9	36	37	5	-	-	-	7	7	18	-	-	230	13 07	bc	27.3	-6	38	35	5	-	4	4	18	-	-	1	beffcmbcmcm	39	-	-									
17	St. Abb's Head	180	24 81	c	25.9	-18	38	33	5	-	-	-	6	6	35	-	-	180	09 64	o	23.4	-8	40	38	5	-	8	8	24	-	-	0	Cbce	43	-	-									
18	Leuchars	190	14 48	o	25.5	-23	40	33	5	-	-	-	8	7	19	-	-	190	22 48	o	21.0	-17	44	38	5	-	8	8	38	-	-	1	CmoCmo	45	0.2	-									
19	Esdailemuir...	180	14 81	o	27.1	-18	35	30	5	-	-	-	8	8	25	-	-	190	12 48	o	23.5	-10	38	3																					



# STATION MODEL



6h Wednesday 26<sup>th</sup> January

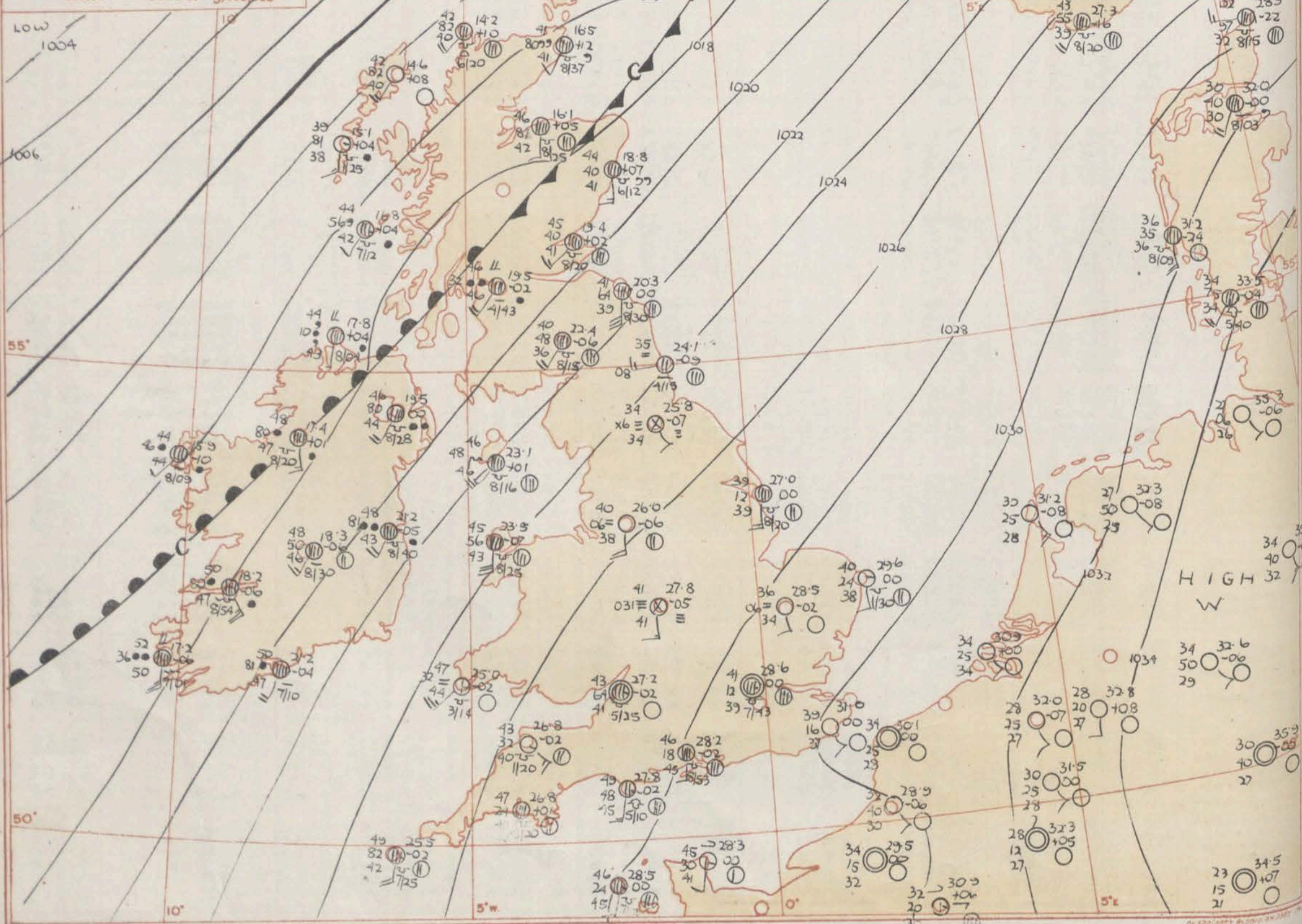
1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h Regents Park 09h-12h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yester- day	To- day
Kew ...	chocmb	20y20b	cmobm	48	36	27	-	TR	4.1	*	*
London Airport	cmob20y	bcm	cmfwo	49	39	32	-	-	*	65	92
Greenwich ...	cb	bcb	bcbf	48	37	26	-	TR	4.7	68	97
Westminster	.	.	.	49	37	29	-	-	.	69	93
Regents Park	.	.	.	49	38	37	-	-	.	61	88
Camden Square	c	bc	.	48	38	-	-	-	.	80	97
Kensington ...	bc	bc	.	49	37	-	-	-	.	80	98
Hampstead ...	bc	bcm	of	46	40	32	-	-	.	.	98

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 26<sup>th</sup> Max. 0.6 Time 25.1h Min. 0.1 Time 26.4h.



a weak front  
wards. Mar  
dear for a  
again this  
Scotland a

110°

100°

102°

104°

106°

108°

110°

112°

114°

116°

118°

120°

122°

124°

126°

128°

130°

132°

134°

136°

138°

140°

142°

144°

146°

148°

150°

152°

154°

156°

158°

160°

162°

164°

166°

168°

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214°

216°

218°

220°

222°

224°

226°

228°

230°

232°

234°

236°

238°

240°

242°

244°

246°

248°

250°

252°

254°

256°

258°

260°

262°

264°

266°



1949

ing

Humidity

1st % 2nd %

day

day

65 92-

68 97

69 93

67 88

80 98

28.9

-22

115

32.0

100

03

3.5

04

55

34

40

32

35.9

06

34

40

32

35.9

06

34

40

32

35.9

06

34

40

32

35.9

06

34

40

32

35.9

06

34

40

32

## GENERAL INFERENCE

An anticyclone centred over Czechoslovakia is almost stationary and a weak trough of low pressure from South Scotland to North Ireland is moving northwards. Many parts of England will have mist or fog thick locally, and although it may clear for a short time this afternoon in some places, it is likely to become more general again this evening and to night. Cloudy conditions with some slight rain in Southern Scotland and Northern Ireland will spread northwards. It will be mainly rather mild.

## FURTHER OUTLOOK

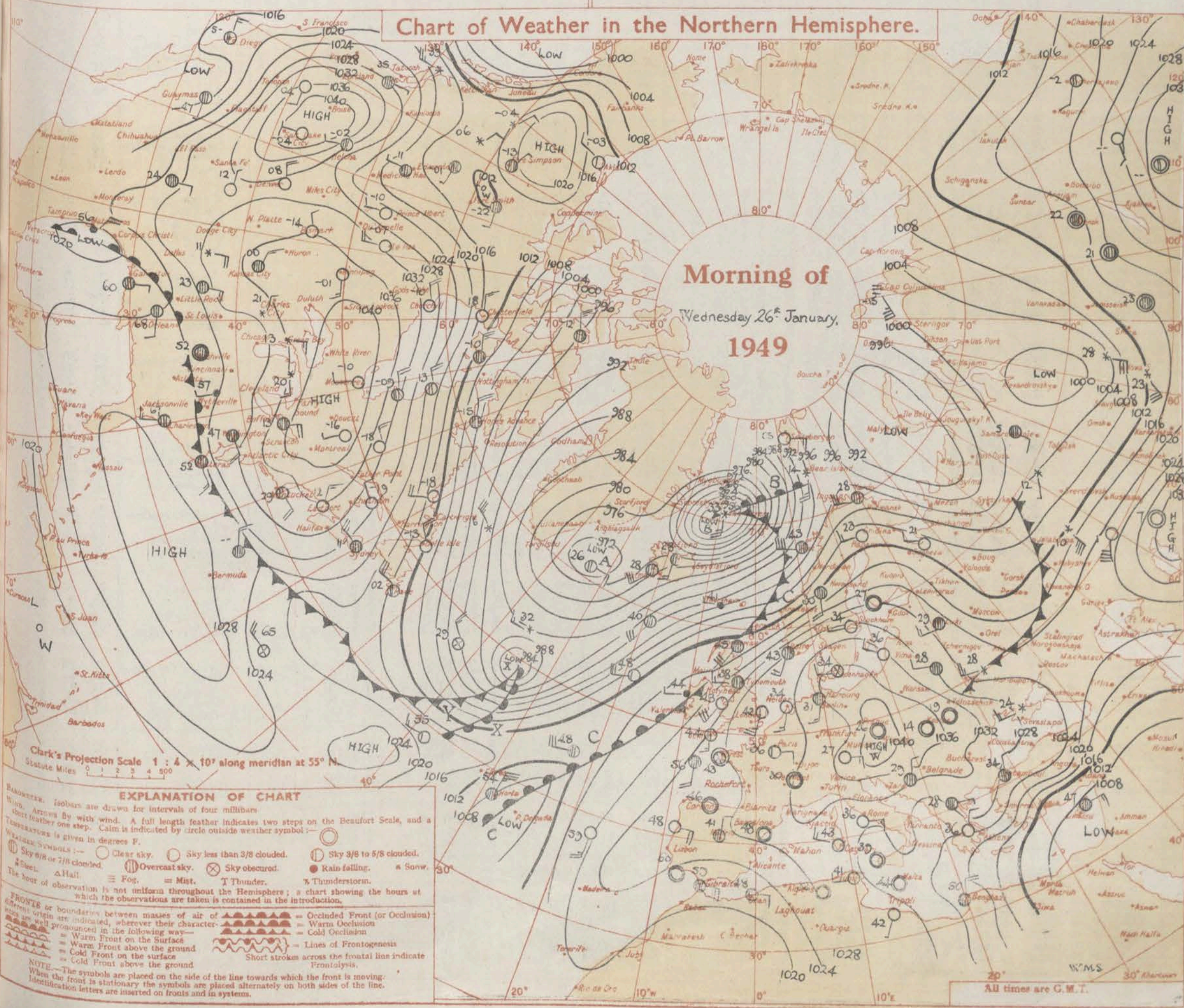
Little change.

Gale warning:

South coasts are flying on coasts west of a line Dornoch Firth to Solway Firth and on coasts of Northern Ireland.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 26<sup>th</sup> January,  
1949



### EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
Winds are shown by 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.  
Temperatures are given in degrees F.  
Weather symbols: Clear sky, Sky less than 3/8 clouded, Sky 3/8 to 5/8 clouded, Sky 5/8 or 7/8 clouded, Overcast sky, Sky obscured, Rain falling, Snow, Mist, Thunder, Thunderstorm, Fog, Occluded front (or Occlusion), Warm Occlusion, Cold Occlusion, Lines of Frontogenesis, Short strokes across the frontal line indicate Frontolysis.  
NOTE: The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Wednesday 26<sup>th</sup> January 1949

No. 31842

[illegible]

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 RATES of SUBSCRIPTION: Single copy one section, 2d or 3d post free. One calendar month, 5s One quarter, 13s One year, 50s. Any two or all three sections :  
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\* Information not usually received.



1949

NIGHT

Time

h. Rain

in. on glass

°F. (40)

mm. (41)

27 Tr

32 Tr

29 -

42 -

36 Tr

27 Tr

29 -

25 -

31 -

31 0.6

28 -

32 -

31 -

26 -

31 Tr

26 -

39 Tr

28 Tr

28 -

32 0.2

32 -

39 -

34 -

32 -

36 -

28 -

32 -

32 -

45 2

41 4

42 3

36 3

35 -

37 5

38 3

39 Tr

32 Tr

29 -

35 6

42 10

41 3

41 1

44 2

40 0.2

46 0.3

47 8

47 Tr

ed.

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 27<sup>th</sup> January 1949  
No 31843

Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 27<sup>th</sup> January 1949  
No. 318-43

OBSERVATIONS at 12h. G.M.T. 26<sup>th</sup> January

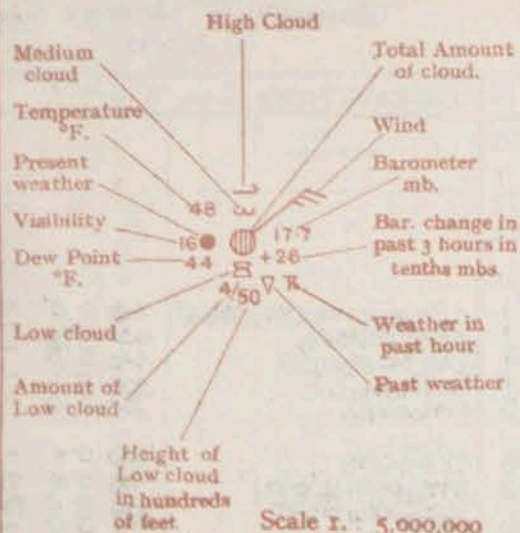
OBSERVATIONS at 18h. G.M.T. 26<sup>th</sup> January

OBSERVATIONS during DAY (26<sup>th</sup>)

Distance.	STATIONS (For heights see p. 4)	Wind.										Pressure.										Temp.										Cloud.										21 h State of ground	Weather.	Max Temp. 24h. °F. (35)	Sun- shine (36)	Rain (24h.) in. (37)
		Direction (degrees)		Speed (kts.)		Visib. (miles)		Present Weather.		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb.		Dew point.		Form.		Main layer.		Lowest layer.		Bar at M.S.L.		Change in 3 hrs.		Dry Bulb.		Dew point.		Form.		Main layer.		Lowest layer.										
		(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)								
		(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)								
0	Kew	170	04	05	0	30.7	+2	46	43	6	-	-	8	8	21	-	-	200	05	14	c	31.4	+8	45	43	5	-	-	6	6	35	-	-	1	cfcmmcmobcmow	49	0.0	-								
1	London Airport	140	07	03	0	30.4	+2	45	43	6	-	-	8	8	09	-	-	170	05	09	o	30.9	+12	46	44	5	-	-	8	8	17	-	-	1	ofofomomo	49	0.0	-								
	Lymington	190	06	16	b	31.3	+4	46	43	3	-	-	1	1	-	-	-	180	04	07	bc	32.0	+6	42	41	-	-	6	6	17	-	-	1	bmcmobf	46	5.8	-									
	Tangmere	210	08	24	o	30.3	+1	45	47	6	-	-	8	8	80	-	-	-	9	02	cf	31.2	+8	43	43	5	-	-	8	8	10	4	-	1	bcmobf	50	0.1	-								
	Calshot	200	06	22	Z	30.2	+6	49	46	5	-	-	8	8	10	-	-	190	04	20	2	31.3	+12	47	45	4	-	-	8	8	11	-	-	0	cmommo	50	0.0	-								
2	Boscombe Down	180	07	12	Z	29.7	+3	48	46	6	-	-	6	3	09	6	-	160	08	18	2	29.6	+9	46	44	6	-	-	8	8	10	-	-	0	cpcmm	50	0.4	-								
	Felixstowe	200	02	16	Z	30.7	-2	47	43	-	-	-	3	1	-	-	-	320	01	07	bc	31.4	+9	41	40	-	-	7	2	3	2	81	-	-	1	bmobcmobefbf	48	5.5	Tr							
	Gorleston	230	05	12	Z	30.1	-2	45	38	-	-	-	6	2	70	-	-	200	04	10	2	30.9	+9	42	40	6	-	-	6	6	25	-	-	1	cmobcm	50	5.0	Tr								
	West Raynham	180	12	07	cf	30.0	+5	39	39	-	-	-	9	9	0	-	-	170	10	05	2	30.2	+1	41	41	-	-	-	9	9	-	-	-	1	OFF	41	5.0	-								
	Mildenhall	170	03	04	cf	30.3	+4	41	41	6	-	-	8	8	07	5	04	170	04	01	bf	30.5	+1	43	41	-	-	-	0	0	0	-	-	1	ofomobcfom	44	0.0	-								
3	Cranfield	180	06	05	o	29.6	+6	44	43	6	-	-	8	8	04	-	-	180	03	04	cf	29.8	+6	43	42	5	-	-	8	7	20	3	08	1	cfcmmcfbf	46	0.0	-								
	Honiley	170	10	16	c	29.5	+4	46	44	5	-	-	7	7	25	2	10	180	08	40	o	29.5	+6	46	42	5	-	-	8	5	24	-	-	1	cfcmmcm	47	0.0	-								
	Wittering	200	08	02	cf	29.8	+5	43	42	6	-	-	8	8	06	-	-	200	12	22	o	29.5	+4	44	43	6	-	-	8	8	08	-	-	1	ofcmcfacm	45	0.0	-								
	Watnall	190	09	09	cf	28.5	+2	45	41	6	-	-	7	7	25	2	15	210	08	16	o	28.3	+2	45	42	-	-	-	8	8	-	-	-	1	ofcmcfacm	47	0.0	-								
4	Little Rissington	200	15	18	c	29.0	+1	46	42	1	-	-	6	1	18	-	-	200	13	10	o	29.3	+5	45	41	5	-	-	8	8	13	-	-	0	ofecmmcmom	47	1.7	-								
5	Ross-on-Wye	230	05	34	Z	28.5	+4	49	40	8	-	-	7	5	25	-	-	190	05	10	2	28.4	+10	47	43	6	-	-	7	7	15	-	-	1	cbccmo	49	1.4	-								
	Shawbury	180	09	24	Z	28.0	+4	45	41	-	-	-	7	4	-	-	-	150	05	24	2	27.7	+7	45	43	-	-	-	8	8	-	-	-	1	cmoccmo	47	0.2	-								
	Bristol	210	11	48	c	29.1	+2	49	40	5	-	-	7	6	84	3	20	160	10	40	o	29.6	+10	48	42	5	-	-	8	8	22	-	-	1	bccmmcm	50	0.7	-								
	Exeter	180	08	16	o	28.5	+6	49	45	5	-	-	8	8	20	-	-	180	09	24	o	29.2	+7	48	47	5	-	-	8	8	28	-	-	1	cbccmmcm	50	0.8	-								
	Portland Bill	180	05	48	Z	30.0	+6	49	47	8	-	-	8	8	10	-	-	230	09	48	2	30.6	+8	48	44	8	-	-	7	7	20	-	-	0	ozcczcmo	48	-	-								
6	Plymouth	200	06	54	o	29.2	+3	49	44	5	-	-	8	8	15	-	-	200	05	48	2	28.9	+7	50	46	5	-	-	8	8	20	3	15	1	bcmmomcmob	51	0.3	-								
	Chivenor	160	12	64	c	28.1	+2	48	42	-	-	-	7	4	-	-	-	130	09	31	b	28.3	+8	49	45	-	-	-	7	7	20	-	-	0	cbc	50	6.6	-								
	St. Eval	170	14	48	bc	28.2	+6	49	42	1	-	-	2	2	25	-	-	160	07	40	b	28.3	+10	48	42	-	-	-	3	3	-	-	-	1	bcc	52	6.5	-								
	Lizard	180	11	72	b	28.1	+7	50	41	7	-	-	2	2	25	-	-	190	07	40	bc	28.1	+4	48	46	5	-	-	3	3	20	-	-	0	bcc	53	4.0	-								
	Scilly, St. Mary's	190	14	82	bc	27.2	+9	53	43	5	-	-	5	4	25	-	-	180	15	82	o	26.8	+6	50	47	5	-	-	8	8	25	-	-	0	bblcc	53	-	-								
7	Guernsey	190	05	05	cf	30.4	+6	46	45	6	-	-	8	8	01	3	-	180	02	16	c	31.1	+10	48	44	5	-	-	7	7	02	6	01	0	cmfcm	47	0.0	-								
	Aberporth	190	10	64	o	26.8	+5	45	43	-	-	-	8	8	83	-	-	180	12	64	c	26.5	+8	48	43	-	-	-	6	6	-	-	-	1	cmcmobc	46	0.0	-								
8	Pembroke	210	17	48	c	26.7	+10	48	46	5	-	-	7	7	15	-	-	200	13	26	c	26.6	+8	48	46	-	-	-	7	7	60	-	-	0	bcmmcmoc	49	0.0	-								
	Holyhead (Valley)	180	23	49	c	25.5	+2	46	43	1	-	-	7	3	25	-	-	170	21	48	bc	24.9	+1	46	43	-	-	-	5	5	60	-	-	1	cmoccmoc	47	0.0	Tr								
	Manchester	180	11	09	c	27.8	+2	45	41	6	-	-	7	3	5	5	-	180	10	15	c	28.0	+8	44	40	5	-	-	7	7	83	5	45	1	cmom	48	1.4	Tr								
9	Squires Gate...	130	12	09	c	26.2	+1	44	41	5	-	-	7	7	60	-	-	160	15	10	c	26.3	+2	45	40	5	-	-	7	7	50	-	-	1	cmom	47	0.0	-								
	Silloth	190	20	40	Z	28.9	+4	47	41	-	-	-	7	7	-	-	-	200	18	40	2	28.3	+10	47	40	5	-	-	7	7	-	-	-	1	cmobcmo	50	0.0	-								
	Finningley	180	07	07	c	28.1	+5	46	41	-	-	-	9	6	3	-	-	180	05	09	c	28.1	+5	44	39	6	-	-	7	7	-	-	-	1	bcmmcmo	48	0.0	-								
	Spurn Head	200	12	05	cf	28.8	0	41	41	-	-	-	9	9	03	-	-	180	13	08	cf	28.9	+1	43	43	5	-	-	8	8	20	-	-	1	ccp	44	0.0	-								
	Leeming	160	07	04	cf	27.1	0	38	38	7	-	-	9	5	3	03	-	-	160	07	07	bc	26.6	+5	43	41	-	-	-	4	4	-	-	-	1	ofcmfcm	45	0.0	Tr							
10	Tynemouth	230	09	07	cf	25.5	0	41	36	6	-	-	7	4	08	-	-	230	09	07	bc	25.7	+10	42	37	5	-	-	3	3	18	-	-	1	cfcmm	45	0.0	-								
	St. Abb's Head	200	24	40	c	20.1	-5	43	38	-	-	-	7	7	30	-	-	200	30	48	cf	21.5	+4	47	44	5	-	-	6	6	30	-	-	0	cmobcmoc	46	0.0	-								
	Leuchars	190	11	32	o	21.4	+4	47	43	5	-	-	8	8	20	-	-	220	04	28	cf	21.0	+3	47	42	5	-	-	8	8	30	6	20	1	cmobcmomcmo	50	2.3	-								
	Esksdalemuir...	200	16	20	o	24.2	+6	42	38	6	-	-	8	8	12	-	-	200	12	32	o	23.1	+3	43	40	6	-	-	8	8	12	-	-	1	cmo	50	0.0	-								
	Prestwick																																													



# STATION MODEL



6th Thursday 27th January 1949

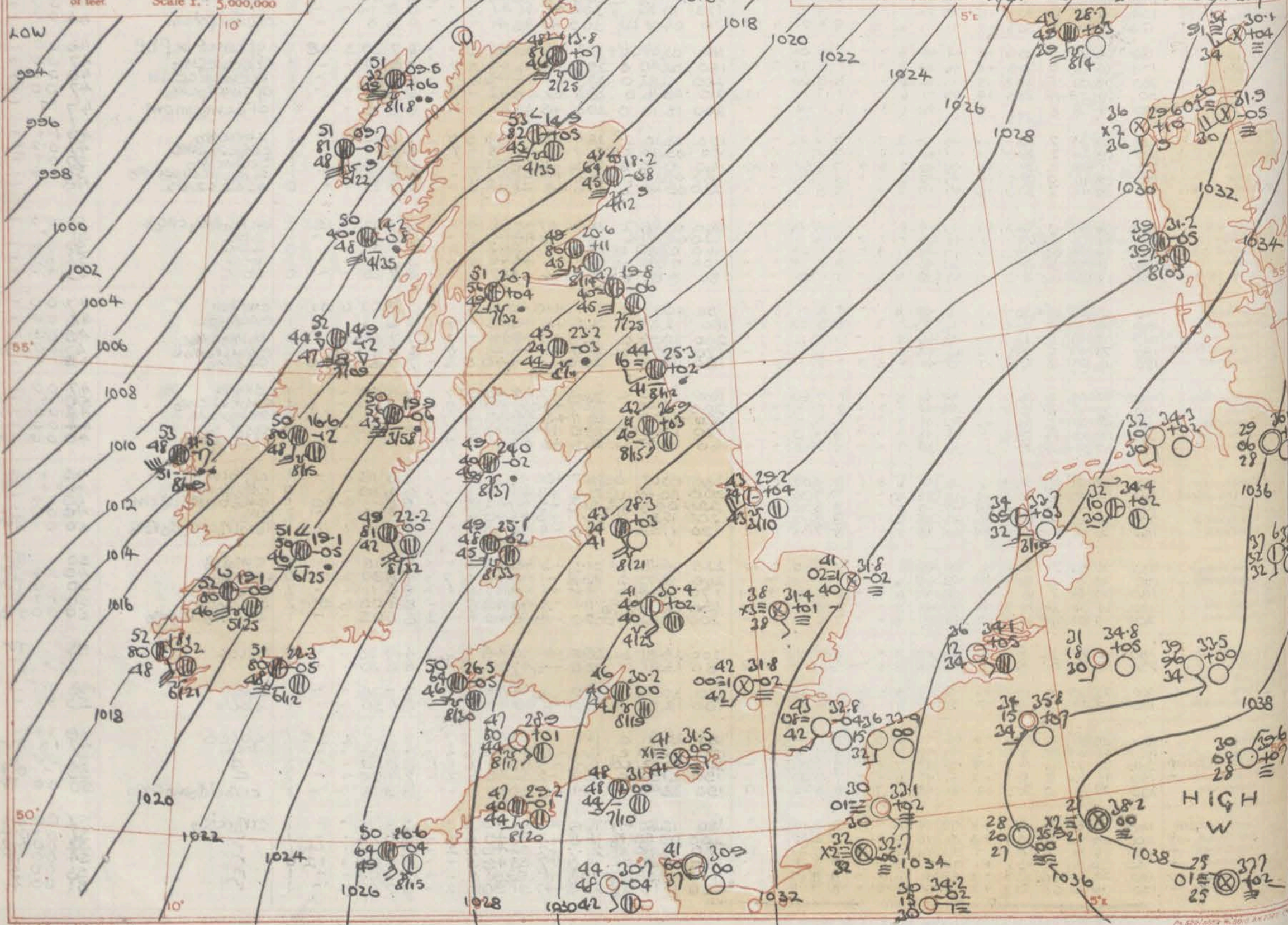
## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-12h Kensington, 09h-12h Regents Park 09h-12h at other stations, Westminster

Stations	Weather			Temperature			Rainfall		Sun-shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	15h %	9h %
				Max.	Min.						
				* F.	* F.	* F.	mm.	mm.		Yesterday	To-day
09-21hrs											
Kew ....	cf	cm	cm	49	38	28	-	Tr	0.0	*	*
London Airport	cf	cm	cm	49	37	33	-	Tr	*	87	96
Greenwich ...	cf	cm	cm	47	38	28	-	Tr	0.0	88	97
Westminster.				57	42	32	-			80	88
Regents Park	*	*	*	49	43	33	-	-	*	83	92
Cannon Square	om	o	*	49	43	*	-	-	*	83	95
Kensington ...	c	cf	*	50	41	*	Tr	-	*	86	97
Hampstead ...	o	of	odm	48	41	36	-	Tr	*		97

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6th 27th 0-518 12hrs 26th 0-103 04hrs 27th



An and  
Iceland is  
East Angli  
in other  
Ireland or  
North West  
of Scotland  
areas in t





1949

ing

Humidity

15h %

24h %

Today

27th

30.4

104

31.9

105

1034

29

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37

1038

37

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1042

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1044

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1046

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1054

37

1056

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1058

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1100

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1102

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1104

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1106

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1108

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1110

# GENERAL INFERENCE

An anticyclone is centred over Eastern Europe and a complex depression near Iceland is moving rapidly East-northeast. Many parts of South East England and East Anglia will have mist or fog which will be thick locally. It will be cloudy in other parts of the country with some local slight rain in Northern Ireland and South West Scotland and periods of more general rain in West and North West Scotland. Southerly winds will reach gale force at times in parts of Scotland and North Ireland. It will be mild except in some of the foggy areas in the Southeast.

# FURTHER OUTLOOK

Little change.

Gale Warnings:-

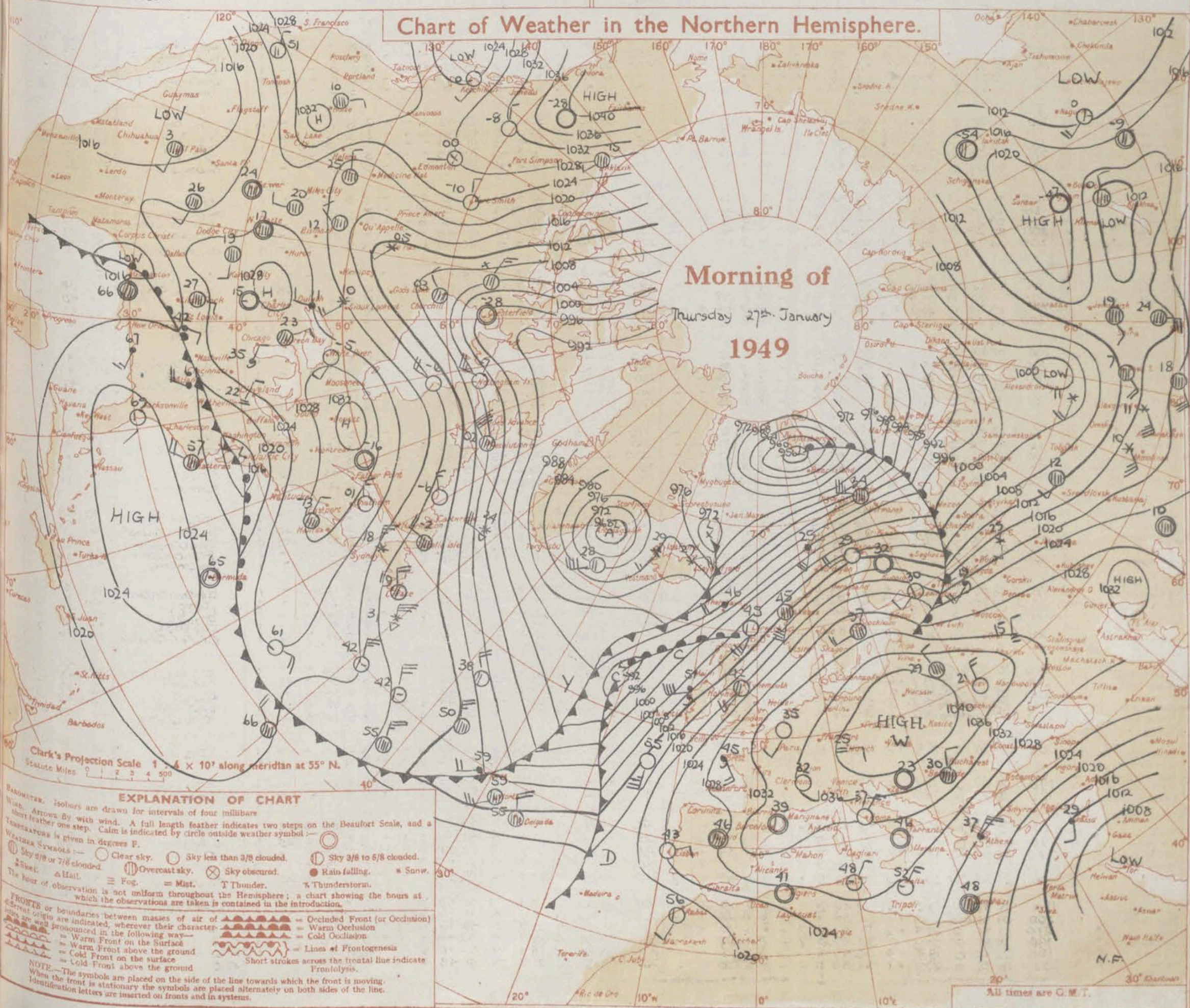
South coasts are flying in the Orkneys and Shetlands on East coasts from Whiten Head to Stonehaven, on West coasts from Whiten Head to Solway Firth and on North Irish coasts from Foyle to Howth.

## Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 27th January

1949



All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 27th January 1949  
No. 31843

[illegible]

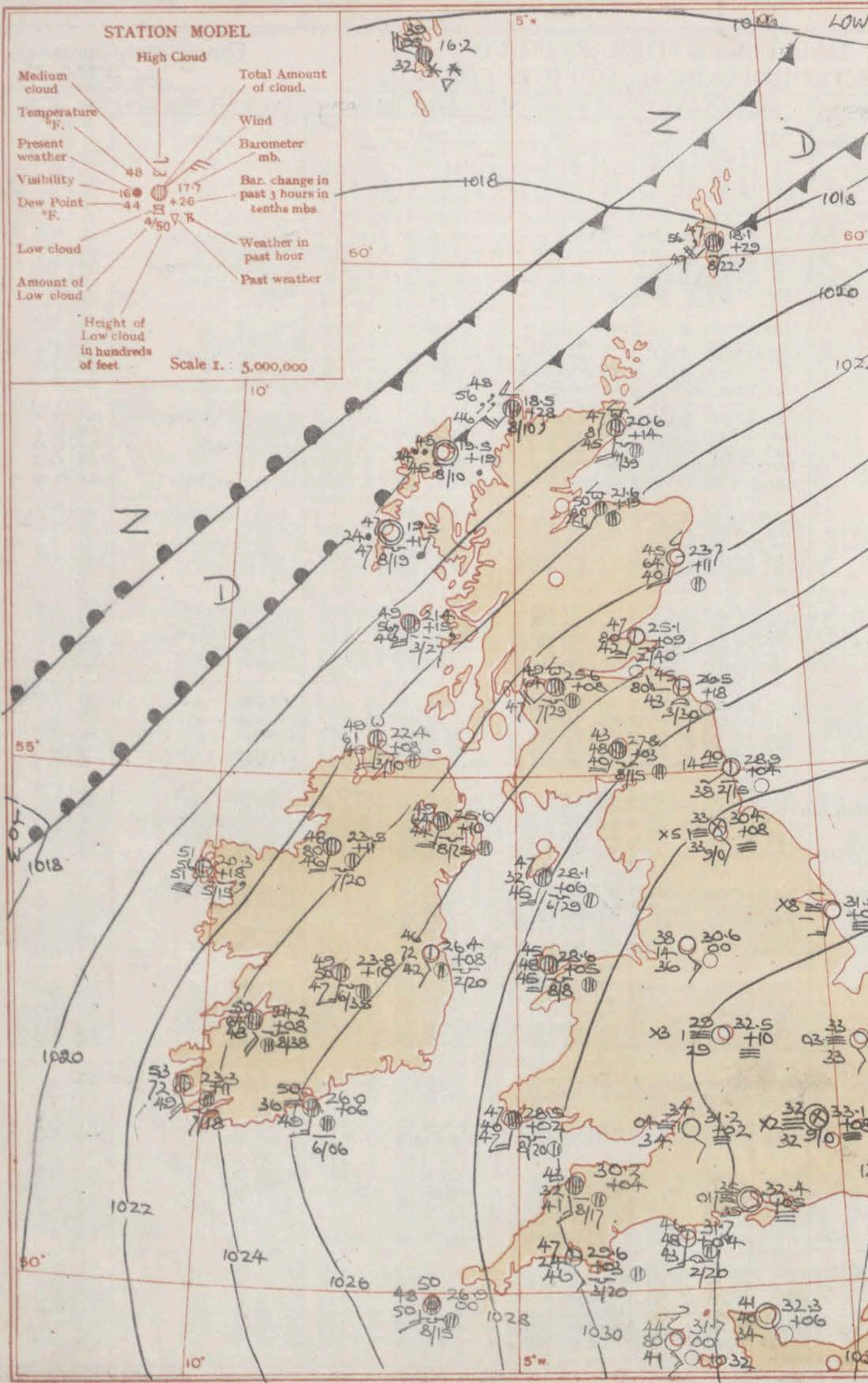
The DAILY WEATHER REPORT is issued in three Sections:—British, International, Upper Air.

\* Information not usually received.



NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2





6h Friday 28th January 1949

**LONDON OBSERVATIONS for yesterday and this morning**

Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations.  
Westminster

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max. °F.	Night Min. °F.	Min. on grass °F.	Day mm.	Night mm.		Yesterday	To- day
Kew ...	bcm	bcm	bcm	52	31	21	Tr	Tr	6.2		
Croydon ...	oFFb	oFFb	bcm	53	31	27	—	1	*	62	99
Greenwich ...	b	b	bcm	53	32	21	—	Tr	6.7	63	94
Westminster				54	35	27	—	—		68	98
Regents Park				53	34	25	—	—		64	96
Canal Square	o	o		53	33		—	—			96
Kensington ...	b	b		54	31		—	—		79	96
Hampstead ...											

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.7 20.2 11.2 27.4 10.1 15.7 hrs 27th

A large part from England ex-  
persist near  
widespread  
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of England  
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110°  
Menzies  
Lima  
Tamp  
Vancouver  
Santo Cruz  
Frontiers  
20°  
Buenos Aires  
Rio de Janeiro  
Ningbo  
70°  
Curaçao  
Clark's  
Statue M

60°  
Clark's  
Statue M

BAROMETER. In  
Wind. Arrow  
short feather  
TEMPERATURE In  
WEATHER SYMBOLS  
Sky 0/8 or  
2/8, etc.  
The hour of ob

FRONTS of  
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NOTE—  
When the  
Identical



1949

ing

Humidity

75%

To-day

day

62.99

63.94

68.98

64.96

96

79.96

hrs 27h

22.6

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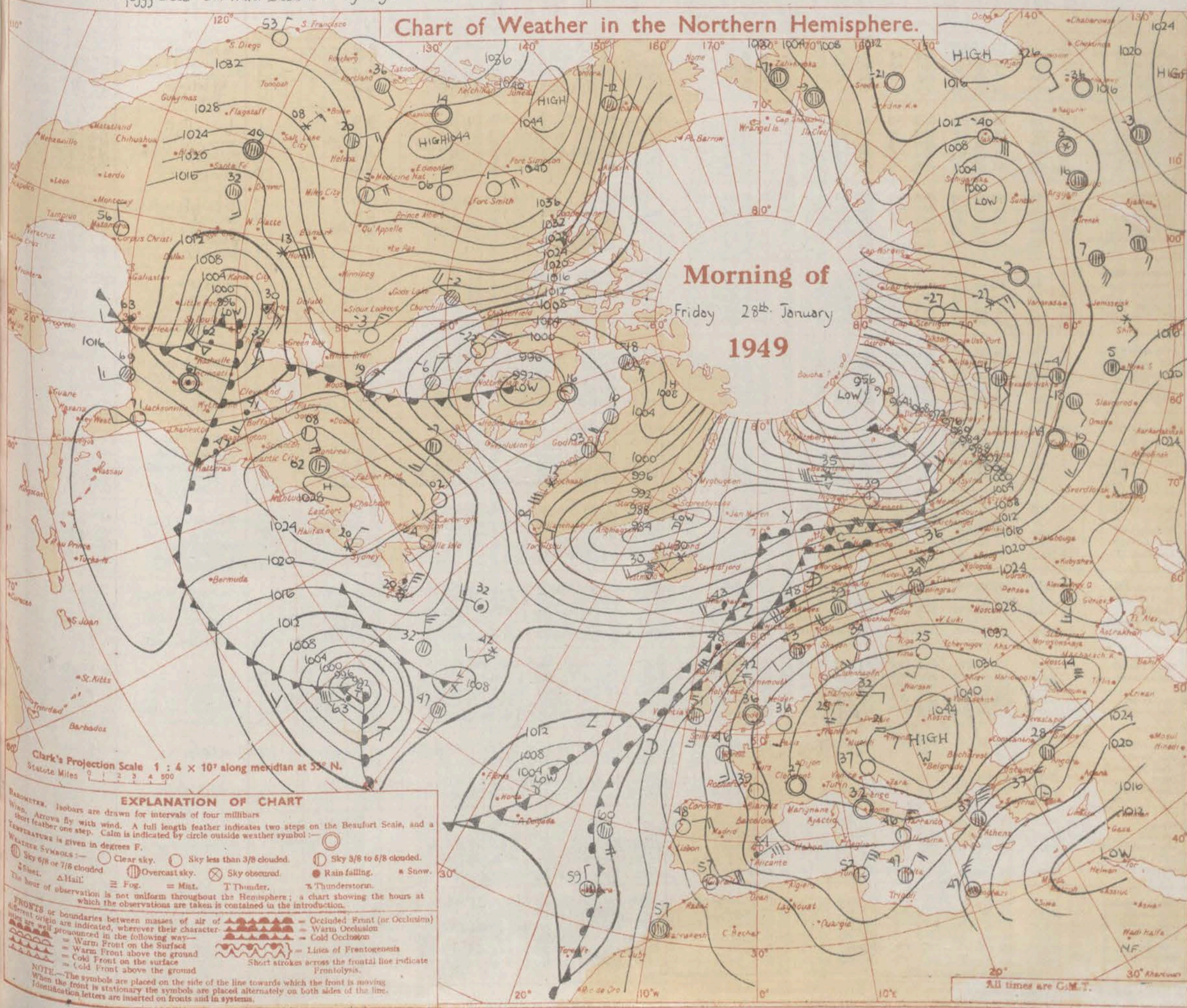
## GENERAL INFERENCE

A large anticyclone over central Europe will maintain fair weather over the British Isles apart from some drizzle or slight rain today in Northern Scotland. Fog over much of England except the extreme southwest will clear in many rural areas this afternoon but will persist near large towns and industrial areas and in valleys in the North and will become widespread tonight and dense in most places, the fog also extending to east Wales, and probably forming tomorrow morning in the Forth-Clyde valley. Slight frost will occur tonight over much of England and Wales except the extreme southwest and may occur late tonight in southeast Scotland. It will be cold in the foggy areas but mild elsewhere by day.

## FURTHER OUTLOOK

Little change.

## Chart of Weather in the Northern Hemisphere.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

Friday 28<sup>th</sup> January 1949  
No. 31844

OBSERVATIONS at 00hr, G.M.T. 28th January

OBSERVATIONS at 06hr. G.M.T. ... 28th January

OBSERVATIONS Thursday NIGHT

[illegible]

The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air

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\* Information not usually received.

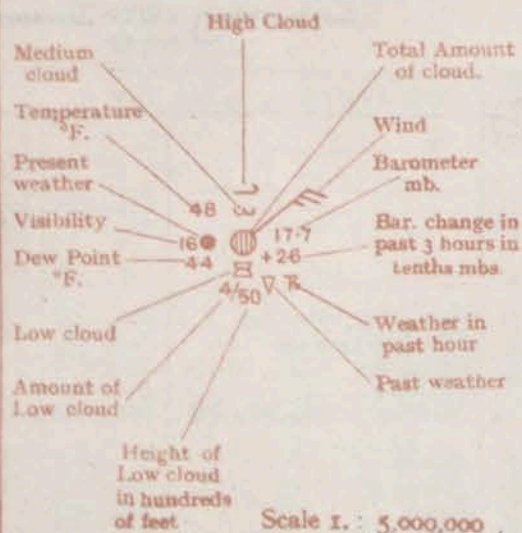


Maximum temperature and rainfall read at 1800. † Birr Castle reports at 1300.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.  
Metzeorological Office, Air Ministry, Kingsway, London, W.C.2.



# STATION MODEL



Scale 1: 5,000,000

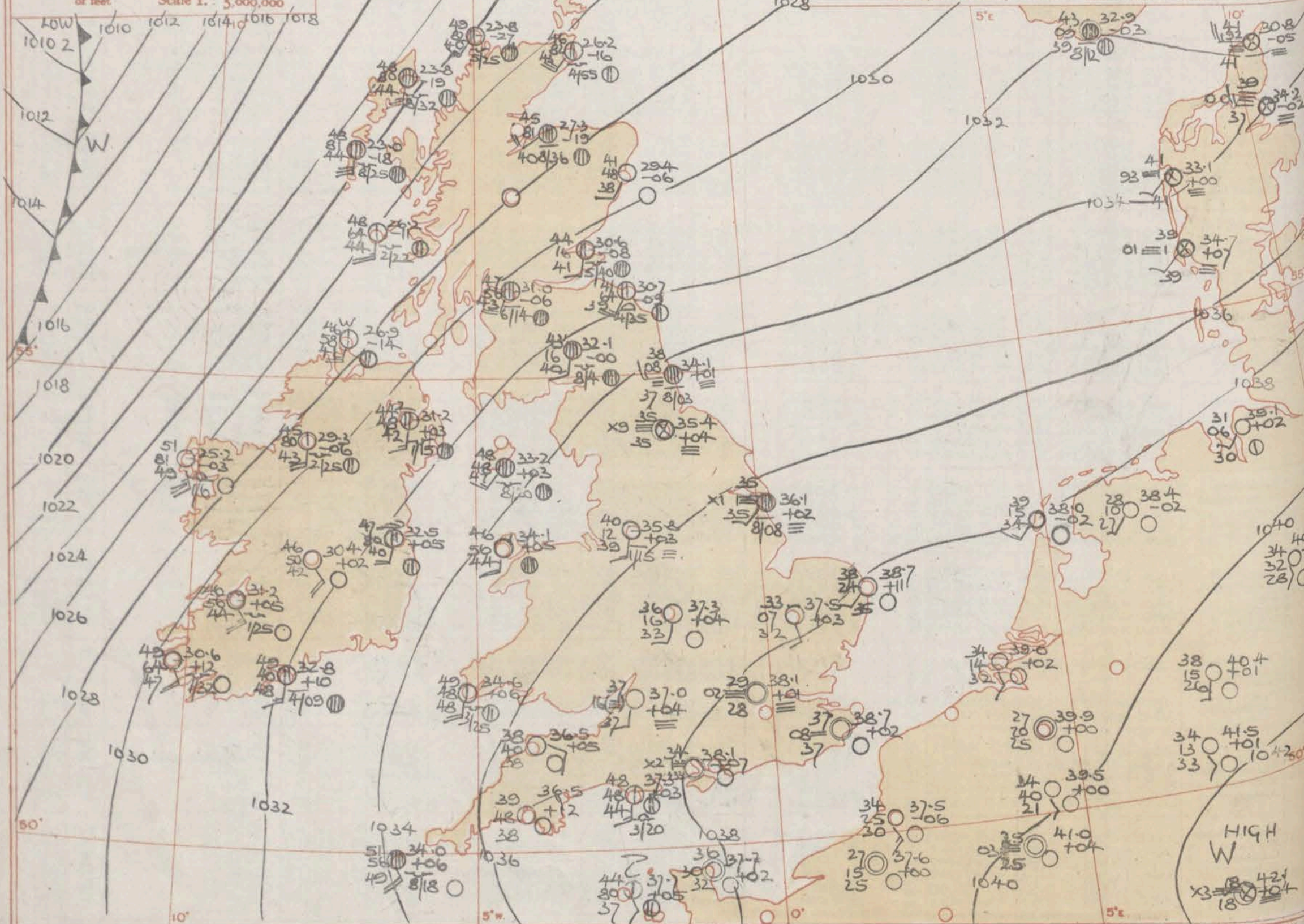
6h Saturday 29th January 1949

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Max.	Min.	on grass	Day	Night	hrs.	hrs.	1st	2nd
Kew ...	09-21hrs			* F.	* F.	* F.	mm.	mm.			Vesterday	To-day
Kew ...	09-21hrs	09-21hrs	09-21hrs	50	29	20	Tr	—	37			
London Airport ...	09-21hrs	09-21hrs	09-21hrs	46	26	22	Tr	Tr	* 68	99		
Greenwich ...	09-21hrs	09-21hrs	09-21hrs	55	29	16	—	Tr	7.00	5 99		
Westminster ...	09-21hrs	09-21hrs	09-21hrs	55	30	22	—	—	—	59	100	
Regents Park ...	09-21hrs	09-21hrs	09-21hrs	53	30	24	—	—	—	63	98	
Camden Square ...	09-21hrs	09-21hrs	09-21hrs	48	31	21	—	—	—	—	98	
Kensington ...	09-21hrs	09-21hrs	09-21hrs	53	32	—	—	—	—	75	97	
Hatfield ...	09-21hrs	09-21hrs	09-21hrs	52	33	32	—	—	—	—	97	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h 23rd. Max. 1.4. 14hrs 18th 0.1/16hrs 28th.



HIGH W

A belt of h...  
weakening...  
persist to...  
Midlands...  
In Northern...  
be cloudy...  
northern...  
cold in foggy

Clark's

BAROMETER. In...  
Wind. Arrow...  
short feather...  
TEMPERATURE. In...  
WIND. In...  
Sky 6/8 or...  
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NOTE...  
When the...  
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1949

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Humidity

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28.0

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38.1

+02

0

1040

40.3

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32.0

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38.1

+02

0

## GENERAL INFERENCE

A belt of high pressure extends from central Europe across the British Isles towards Iceland while a weakening trough of low pressure is moving steadily southwards over Scotland. Fog patches will persist today in parts of England, chiefly near the London area and industrial areas in the Midlands and will thicken and become more widespread tonight but elsewhere it will be fine. In Northern England, extreme Southwest England, West Wales and Southern Scotland conditions will be cloudy but with some persistent fog patches in Northern England. Mainly cloudy in northern Scotland and northern Ireland with a little rain today becoming fair later. It will be cold in foggy areas and mild elsewhere. Slight frost will occur in parts of England at night.

## FURTHER OUTLOOK

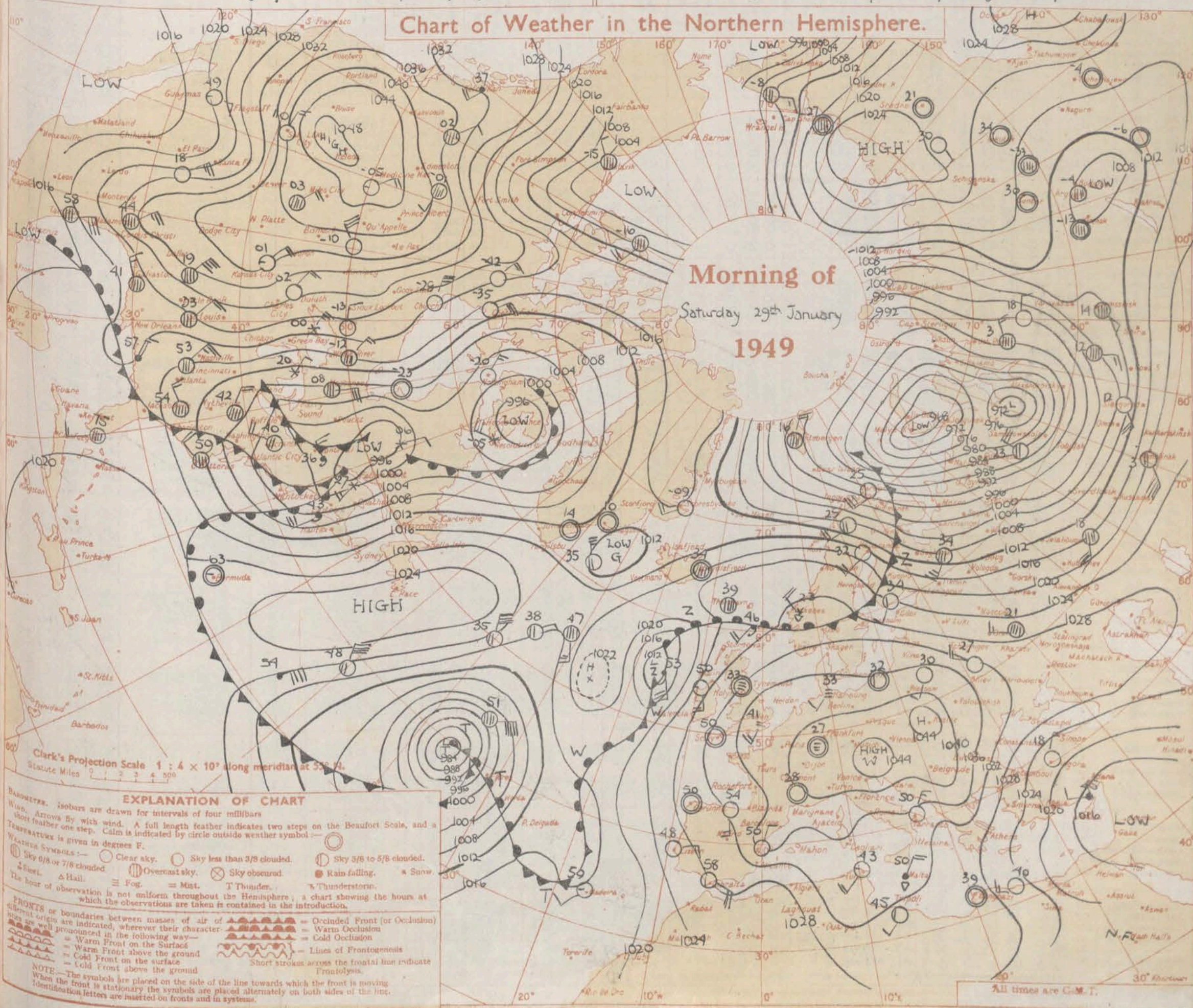
Quiet conditions with fog night and morning in some areas, persisting locally all day.

## Gale Warnings:-

South coasts are flying in Orkneys and Shetlands, along North coast of Scotland from Dornoch Firth to Rudh Ré, along north west coast of Scotland from Rudh Ré to Port Patrick, and along northern coast of Ireland from Foyle to Belfast.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 29<sup>th</sup> January  
1949





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.Saturday, 29th January 1949  
No. 313.45

OBSERVATIONS at 00hr. G.M.T. 29th January																	OBSERVATIONS at 06hr. G.M.T. 29th January																	OBSERVATIONS Friday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
STATIONS	Height above M.S.L.	Wind		Pressure	Temp.	Cloud							Wind	Pressure	Temp.	Cloud							9 h	Weather.	Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Direction (degrees)	Speed (kts.)			Form	Main layer	Lowest layer	Form	Main layer	Lowest layer	Form				Main layer	Lowest layer	21 h.-09 h.	Min. °F.	Min. on Grass °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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\* Information not usually received.



1949

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Page 1.

# BRITISH SECTION

## THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 30th January 1949  
No. 31846

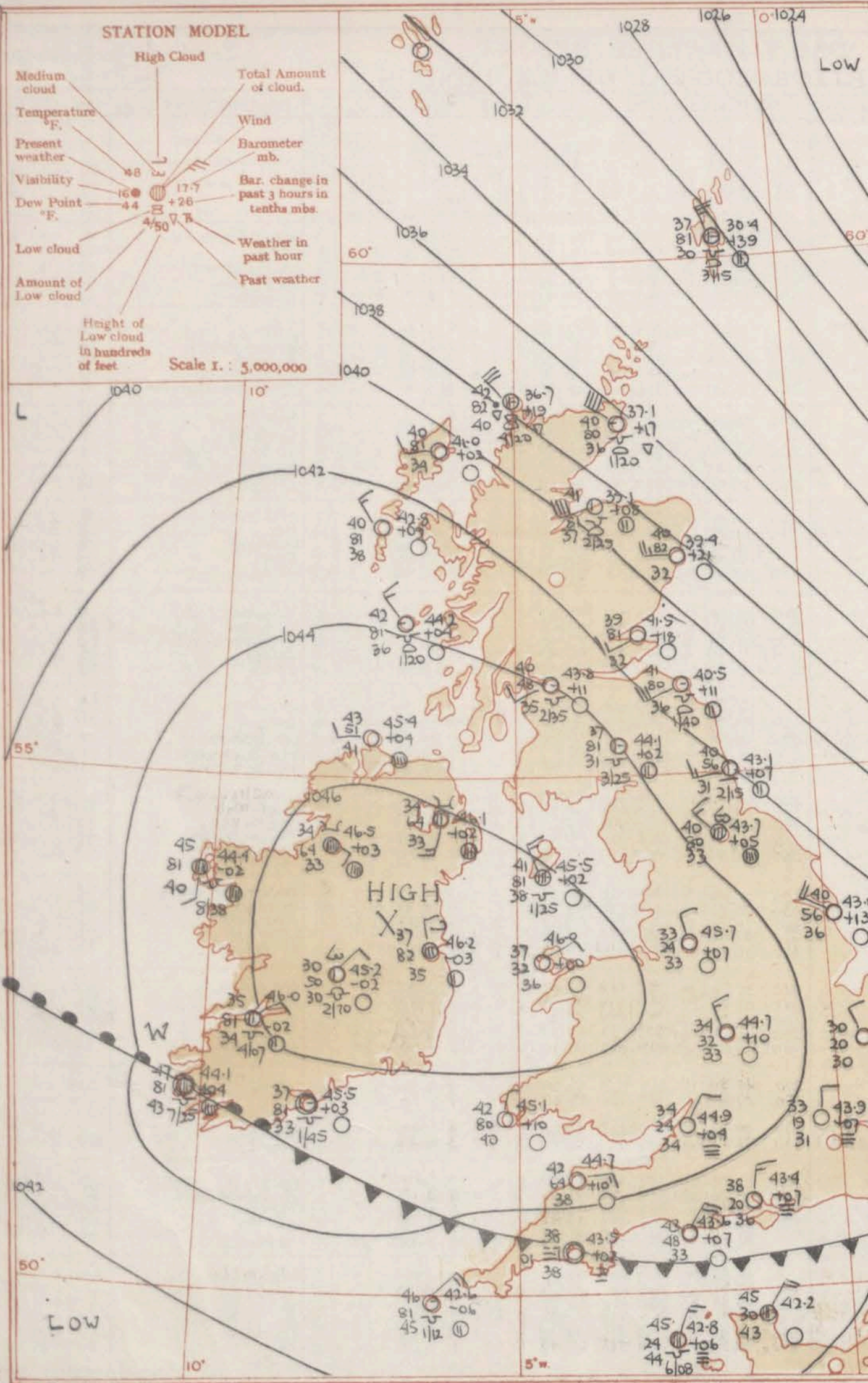
OBSERVATIONS at 12h. G.M.T. 29th January

OBSERVATIONS at 18h. G.M.T. 29th January

OBSERVATIONS during DAY 29th

District	STATIONS (For heights see p. 4)	OBSERVATIONS at 12h. G.M.T. 29th January																OBSERVATIONS at 18h. G.M.T. 29th January														OBSERVATIONS during DAY 29th								
		Wind.				Pressure.				Temp.				Cloud.				Wind.				Pressure.				Temp.				Cloud.				Weather.	Max Temp. 00h. 21h. (35)	Sun-shine (36)	Rain 00h. 21h. (37)			
		Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Wet Bulb.	Dew point.	Low.	Medium.	High.	Total amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Visibility (Code figures).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Wet Bulb.	Dew point.	Low.	Medium.	High.	Total amount.	Main layer.	Lowest layer.											
(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)				
0	Kew	-	0	x2	bf	39.8	+1	35	34	-	-	-	-	-	-	280	01	x0	ft	+0.7	+11	35	35	-	-	-	9	9	0	-	-	1	oFxbFxbFoFw	41	2.3	R				
1	London Airport	-	0	x2	bf	40.0	+3	32	30	-	-	-	9	9	01	-	-	0	x0	ft	40.3	+8	29	29	-	-	-	9	9	0	-	-	1	oFFX	35	x	-			
	Lymington	200	02	32	2	40.0	+3	48	40	-	-	-	2	2	-	-	280	05	20	b	40.2	-2	41	38	-	-	2	2	-	-	-	1	bzozobmx	53	7.5	-				
	Tangmere	080	01	24	b	39.8	+5	51	46	-	-	-	2	2	-	-	050	03	06	b	40.0	-2	38	38	-	-	2	1	-	-	-	1	bmbzobmw	55	7.7	-				
	Calshot	-	0	61	bf	38.7	+4	39	39	-	-	-	0	0	0	-	-	270	03	20	Z	+0.2	+7	44	40	-	-	1	1	-	-	-	1	bfbmbm	47	6.1	0.1			
2	Boscombe Down	-	0	02	bf	39.8	+5	38	38	-	-	-	0	0	0	-	-	-	0	18	bc	39.5	+7	43	40	-	-	6	-	1	4	4	20	-	-	0	bFw	51	4.1	-
	Felixstowe	210	01	11	2	39.6	+4	48	43	-	-	-	6	6	-	-	250	03	07	b	39.0	-1	41	39	-	-	1	2	-	-	-	1	bmo.cmo.bmw	51	6.1	-				
	Gorleston	210	07	16	2	38.7	+1	46	41	5	4	-	5	3	80	-	-	270	05	16	2	38.2	+6	44	39	-	-	1	2	-	-	-	0	bcm.bm	52	6.2	-			
	West Raynham	210	12	08	b	38.1	-2	44	40	-	-	-	2	4	-	-	240	11	11	bc	37.7	+5	40	37	-	-	2	4	-	-	-	0	bfxbcm.bcz	47	5.7	-				
3	Mildenhall	200	01	09	bc	38.2	+2	50	44	-	-	-	6	5	-	-	200	08	12	bc	38.6	+6	42	39	-	-	2	5	-	-	-	1	bcmxbcz.zm.bm	51	5.7	TR				
	Cranfield	250	10	32	b	38.5	+1	44	43	-	-	-	2	2	-	-	280	02	04	bcft	39.1	+10	36	34	-	-	2	4	-	-	-	0	Fxbm.Ffw	47	7.1	-				
	Honiley	220	10	01	ft	39.4	+7	39	39	-	-	-	9	9	-	-	210	07	x6	ft	39.7	+4	39	39	-	-	9	9	0	-	-	1	bcm.Fom	41	1.5	-				
	Wittering	250	07	06	ft	38.6	+2	41	40	-	-	-	6	3	-	-	250	10	03	ft	38.3	+3	39	39	-	-	6	-	8	8	06	-	1	cm.bcm.cfm	48	4.1	-			
4	Watnall	240	03	04	bf	37.9	+2	41	39	-	-	-	0	0	0	-	-	240	05	05	ft	38.2	+11	40	37	-	-	0	0	0	-	-	1	cfcm.bcm.bfm	47	3.1	-			
	Little Rissington	250	13	x5	ft	38.4	+4	38	38	-	-	-	9	9	-	-	250	09	x5	ft	40.0	+11	37	37	-	-	9	9	0	-	-	1	oFbcm.oF	45	3.6	-				
5	Ross-on-Wye	200	05	04	cp	38.7	+3	42	41	6	-	-	8	8	03	-	-	260	01	02	b	39.0	+2	39	38	-	-	1	1	-	-	-	1	oFcfbcm.bm.fF	47	3.2	-			
	Shawbury	230	04	48	2	38.2	+3	44	42	5	3	-	6	5	25	-	-	230	12	80	c	39.0	+14	48	40	-	-	2	7	6	38	-	0	bec.cF.ccc	52	3.7	-			
	Bristol	320	01	03	lp	39.3	+5	46	43	-	-	-	2	6	-	-	-	0	x1	cc	40.2	+7	36	36	-	-	3	9	0	-	-	1	bccm.oF	48	2.0	-				
	Exeter	-	0	x7	cp	39.3	+4	41	41	4	-	-	9	9	-	-	-	0	00	cc	40.8	+12	42	42	-	-	3	3	20	-	-	1	Few	44	0.0	0.1				
6	Portland Bill	180	09	48	2	39.3	+10	52	48	4	-	-	6	6	20	-	-	180	05	48	z	40.6	+5	48	46	-	-	4	-	3	3	20	-	0	czbcz	48	-	-		
	Plymouth	200	04	32	2	39.0	+11	53	47	5	-	-	6	4	3	25	-	-	220	02	24	c	40.1	+11	49	47	-	-	7	7	18	-	-	1	bcm.bcbcm.bf	53	6.0	TR		
	Chivenor	090	04	48	bc	39.2	+7	46	42	7	2	-	5	1	-	-	360	02	81	b	40.5	+10	44	42	-	-	2	2	-	-	-	1	ccm.bm.bbf	44	-	-				
	St. Eval	160	09	56	c	38.9	+15	52	48	1	3	-	6	1	20	-	-	290	02	94	bc	40.3	+10	47	45	-	-	2	4	-	-	-	0	cwc.bcbcm.bf	53	7.1	-			
7	Lizard	-	0	52	bc	39.0	+22	53	51	-	-	-	5	4	-	-	-	0	40	2	40.9	+21	49	49	-	-	4	4	20	-	-	0	bcbf	55	6.1	-				
	Scilly, St. Mary's	190	06	53	b	38.3	+22	56	50	5	-	-	1	1	16	-	-	-	0	56	bc	39.7	+14	50	48	-	-	5	5	3	16	-	0	bcbwb	57	7.4	-			
	Guernsey	170	04	56	bc	40.3	+11	50	41	-	-	-	2	3	-	-	-	0	32	b	40.5	+13	46	42	-	-	4	2	-	-	-	0	bcz.bm	54	8.2	-				
	Aberporth	150	03	20	0	38.1	+13	46	44	5	-	-	8	8	26	-	-	230	04	64	c	39.7	+19	44	43	-	-	5	8	6	3	40	-	0	cwc	51	3.3	-		
8	Pembroke	200	06	38	2	38.4	+15	48	49	3	-	-	6	5	28	-	-	280	06	40	2	39.4	+8	49	49	-	-	7	7	-	-	-	1	cm.bcm.cm	51	3.8	-			
	Holyhead (Valley)	200	13	48	bc	36.5	+13	48	45	-	-	-	2	4	-	-	310	12	81	c	39.7	+25	49	46	-	-	5	5	25	-	-	0	bcm.zcmob	50	2.0	-				
	Manchester	200	11	24	c	37.5	+6	48	42	-	-	-	2	7	-	-	270	09	28	0	38.0	-14	49	43	-	-	8	8	17	-	-	1	cm.bcz.cm	51	5.7	-				
	Squires Gate	160	09	07	b	36.1	+6	50	42	-	-	-	1	2	-	-	-	280	22	48	c	37.8	+20	47	45	-	-	8	-	7	5	16	-	1	bcm.cir.bcmob	51	5.3	TR		
9	Silloth	200	25	40	2	37.9	-4	49	46	5	-	-	7	7	20	-	-	270	05	81	b	36.7	+38	44	38	-	-	4	4	-	-	-	1	cm.cir.mob	50	-	TR			
	Finningley	180	06	09	bc	36.9	+6	47	40	-	-	-	2	3	-	-	-	220	09	24	z	37.0	+8	47	39	-	-	3	1	-	-	-	0	bcm.bcz	52	3.1	-			
	Spurn Head	230	10	08	bc	37.0	+00	41	41	5	-	-	4	4	25	-	-	230	09	06	bc	36.2	0	44	42	-	-	5	5	15	-	-	1	FFbcm.cm	48	3.1	TR			
	Leeming	170	06	05	0	36.5	-2	42	40	5	-	-	8	8	17	-	-	350	03	81	bc	35.9	+14	48	43	-	-	5	4	20	-	-	1	ofcm.cm.cb	53	0.0	-			
10	Tynemouth	270	05	16	c	33.7	-5	50	43	5	-	-	6	6	20	-	-	290	19	40	c	34.6	+25	51	41	-	-	6	6	25	-	-	1	cm.cir.mob	53	-	-			
	St. Abb's Head	230	24	64	7	29.2	-5	48	44	1	-	-	6	6	30	-	-	230	30	80	bc/q	30.8	+27	47	43	-	-	1	3	-	-	-	0	bcqcbq	52	-	-			
	Leuchars	200	08	32	c	28.3	-20	49	43	5	4	-	6	7	25	-	-	260	16	81	c	31.6	+45	45	33	-	-	1	6	9	-	-	1	cm.mob	52	2.4	-			
	Eskdalemuir	210	18	24	0	32.0	-6	46	43	6	4	-	8	8	04	-	-	270	22	82	b	33.3	+24	41	37	-	-	2	1	1	25	-	1	cpr.mob	47	0.3	0.4			
11	Prestwick	190	13	81	c	30.7	-15	2	4.4	5	4	7	7	2	60	-	-	310	10	80	bc	36.6	+42	45	38	-	-	5	3	2	4	1	22	-	1	ccir.bcb	53	0.9	TR	
	West Freugh	200	11	48	c	33.3	+8	49	47	-	2	8	7	2	-	-	310	18																						





6h Sunday 30<sup>th</sup> January 1949

**LONDON OBSERVATIONS for yesterday and this morning**  
Day 09h-18h Kensington, 09h-18h Regents Park 09h-21h at other stations.  
Westminster

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.	hrs.	Yester- day	To- day
Kew ...	oFxbfxb	Fofw	ifwblxc	41	29	18	TR	TR	2-3	.	.
London Airport	OFFX		OFFbmX	35	27	22	-	TR	.	56	84
Greenwich ...	bFf	bm	bmfcx	50	34	23	-	TR	4.5	67	78
Westminster	.	.	.	50	33	27	-				
Regents Park	.	.	.								
Camden Square	of	or	.	49	33	18	-	-	.	.	84
Kensington ...	bf	bbscf	.	51	33	.	-	TR	.	87	83
Hampstead ...	.	.	.								

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h.30<sup>th</sup> Max. 2.1 Time 7.20<sup>th</sup> Min. 0.2 Time 5.6h 30<sup>th</sup>.

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Barometer: 160  
Wind: Arrows &  
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TEMPERATURE IN  
WEATHER SYMBOL  
Sky 6/8 or 7/10  
Snow: Δ  
The hour of obs

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NOTE: When the  
Identical



1949  
ing

Humidity  
75% 84%  
To-day  
87 83

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# GENERAL INFERENCE

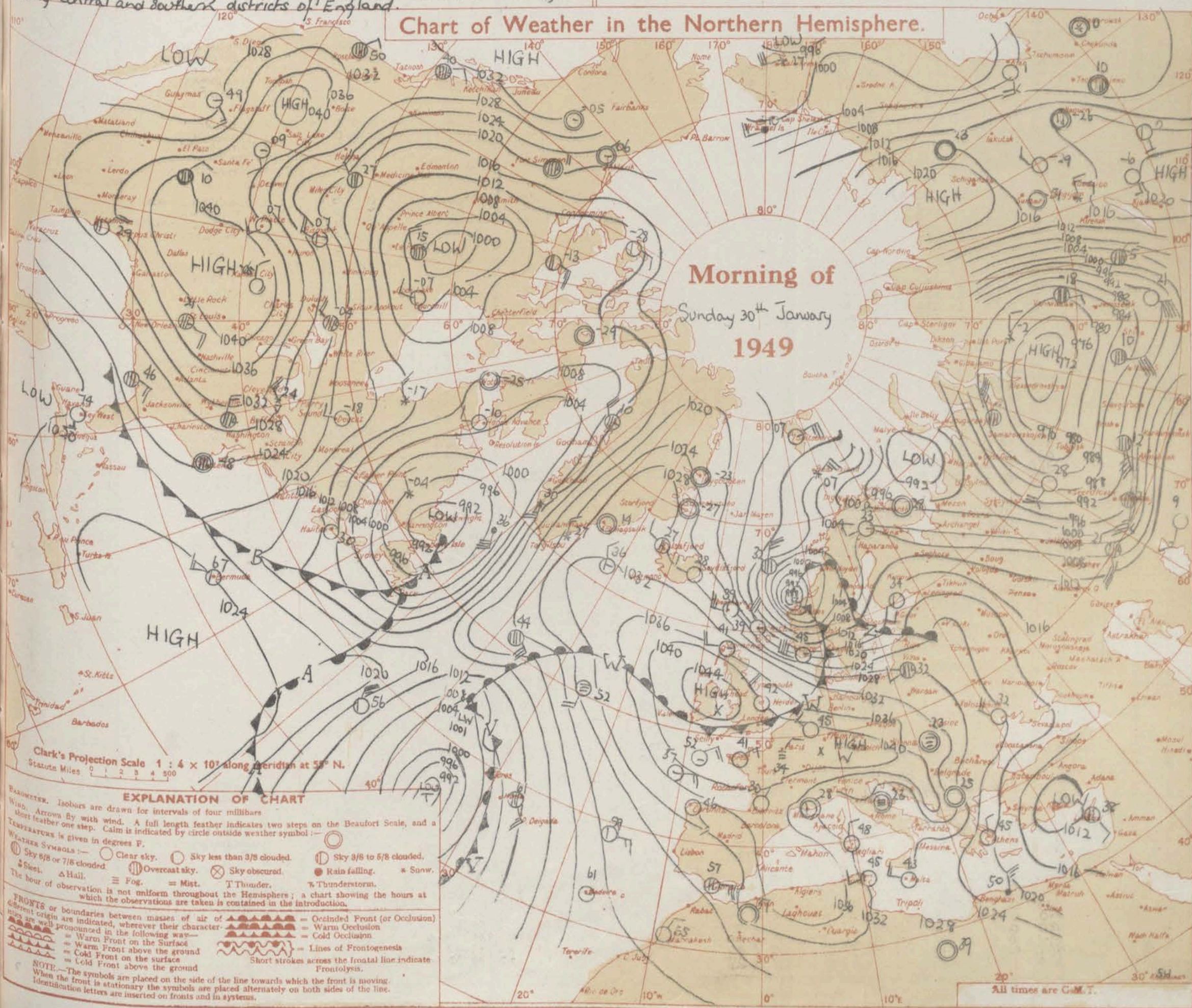
A large anticyclone centred over the Irish Sea is drifting slowly eastwards while a weak trough of low pressure is approaching Scotland from the Atlantic. Fair weather will continue over the British Isles with, however, cloud increasing in the west and north and local slight rain or drizzle is likely in north and west Scotland later tonight and tomorrow. Fog patches will form in England at night near large towns and may become more extensive around the dawn period clearing slowly later in the morning. It will become milder in the north and west and will be mild by day over much of England. Frost will occur at night in many central and southern districts of England.

# FURTHER OUTLOOK

Mainly cloudy in the north with some drizzle or slight rain at times. Fair in the south with local fog and frost at night.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 30<sup>th</sup> January  
1949



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 1 2 3 4 500

### EXPLANATION OF CHART

- BAROMETER. Isobars are drawn for intervals of four millibars.  
Wind. Arrows by 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.  
TEMPERATURES are given in degrees F.  
WEATHER SYMBOLS: — Clear sky. — Sky less than 3/8 clouded. — Sky 3/8 to 5/8 clouded. — Overcast sky. — Sky obscured. — Rain falling. — Snow. — Fog. — Mist. — Thunder. — Thunderstorm. — Lines of Frontogenesis. — Cold Front on the surface. — Warm Front on the surface. — Cold Front above the ground. — Warm Front above the ground. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontolysis. — Short strokes across the frontal line indicate Frontolysis.
- FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Lines of Frontolysis. — Short strokes across the frontal line indicate Frontolysis.
- NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 30th January 1949  
No. 3846

[illegible]

The DAILY WEATHER REPORT is issued in three Sections, - British, International, Upper Air

**RATES OF SUBSCRIPTION:** Single copy one section, 2d or 3d post free. One calendar month, 5s. One quarter, 13s. One year, 50s. Any two or all three sections: Single copies, 4d or 5d post free. One calendar month, 9s. One quarter, 25s. One year, 90s. For special arrangements for supply to schools and colleges see Form 2452.

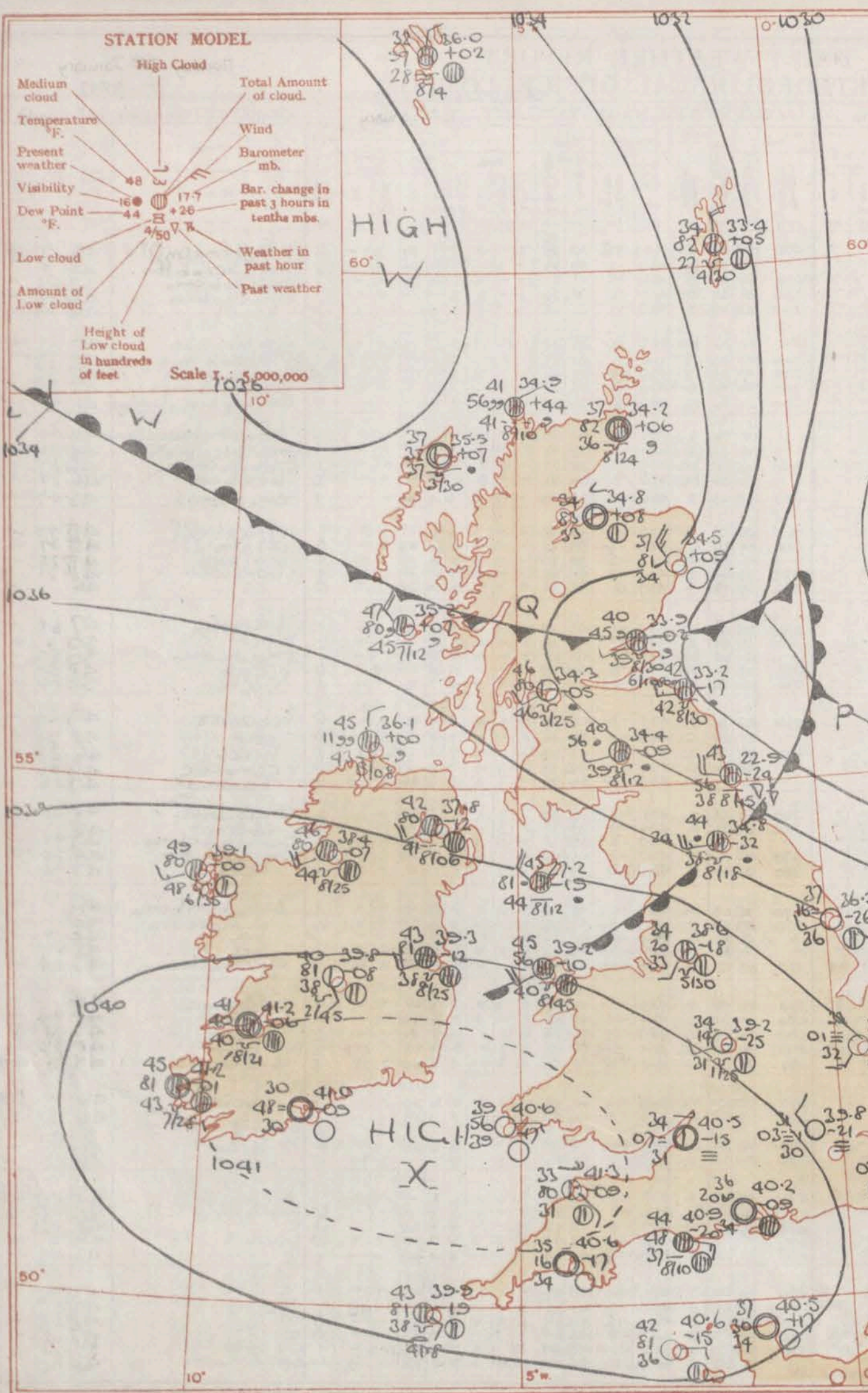
\* Information not usually received.



1949  
WINTER  
Night  
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Min. on Grass  
°F.  
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Page 1.		THE DAILY WEATHER REPORT																				Monday 31st January 1949																											
BRITISH SECTION		OF THE METEOROLOGICAL OFFICE, LONDON.																				No. 31847																											
OBSERVATIONS at 12h. G.M.T. 30th January																				OBSERVATIONS at 18h. G.M.T. 30th January																				OBSERVATIONS during DAY (20th)									
District.	STATIONS. (For heights see p. 4)	Wind.		Visiblty (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						Wind.	Speed (kts.).	Visiblty (Code figures).	Present Weather.	Pressure.		Temp.		Cloud.						24 h. State of ground +	Weather. 00 to 24 h.	Max Temp. 08h. 24h. °F. (35)	Sun shine (36)	Rain 08h. 24h. mm. (37)															
		Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.	Main layer.	Lowest layer.	Form.	Main layer.	Lowest layer.					Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.	Main layer.	Lowest layer.																							
(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)													
6	Kew	-	0	5	ft	45.1	+2	39	35	-	-	-	-	-	-	350	02	6	C	44.2	+2	39	35	5	-	8	7	3	31	-	1	0	45	1.2	TR														
1	London Airport	-	0	5	ft	45.2	+6	41	35	-	-	-	-	-	-	-	0	03	bt	43.6	-1	39	35	-	7	8	1	-	-	1	0	45	*	-															
1	Lymington	020	10	32	0	44.4	+5	41	36	-	-	-	-	-	-	020	01	16	b	43.0	-1	37	32	-	7	8	1	-	-	1	0	45	*	-															
1	Tangmere	070	12	24	0	44.7	+1	42	33	-	-	-	-	-	-	050	01	05	b	43.0	-1	35	32	-	2	2	-	-	-	1	0	46	5.2	-															
1	Calshot	040	11	32	2	45.1	+2	44	35	-	-	-	-	-	-	360	03	19	Z	43.5	-1	41	35	-	7	7	-	-	-	1	0	46	5.6	-															
2	Boscombe Down	-	0	32	C	45.3	+2	41	35	-	-	-	-	-	-	330	03	32	bc	43.3	-7	38	33	-	4	2	4	3	-	0	0	46	2.2	-															
2	Felixstowe	010	10	40	2	44.2	+8	44	35	-	-	-	-	-	-	360	01	40	2	42.6	-1	40	34	-	3	1	1	-	-	1	0	48	5.7	-															
2	Gorleston	340	10	14	2	43.2	+2	44	37	-	-	-	-	-	-	290	03	24	2	42.5	+4	40	36	-	9	2	-	-	-	4	0	47	4.8	-															
2	West Raynham	340	13	04	C	44.1	+2	43	34	-	-	-	-	-	-	310	06	16	b	42.6	-3	37	34	-	4	1	-	-	-	0	0	43	5.5	-															
2	Mildenhall	-	0	20	C	44.7	+7	40	34	-	-	-	-	-	-	360	01	16	bc	43.2	-2	36	34	-	3	2	3	2	-	1	0	41	4.6	-															
3	Cranfield	-	0	16	C	44.9	+2	38	34	-	-	-	-	-	-	-	0	06	C	43.1	-7	40	35	-	6	6	-	-	-	0	0	44	4.9	-															
3	Honiley	310	05	07	C	46.0	-8	42	34	-	-	-	-	-	-	-	0	01	ft	44.1	-7	39	37	-	-	9	9	0	-	-	1	0	44	1.6	-														
3	Wittering	340	13	48	0	44.9	0	44	33	-	-	-	-	-	-	340	05	12	bc	43.3	-5	39	32	-	7	2	3	2	-	1	0	46	8.9	-															
3	Watnall	260	05	09	2	45.0	-2	43	32	-	-	-	-	-	-	-	0	06	bc	43.5	-3	38	32	-	7	8	4	-	-	0	0	46	2.8	-															
4	Little Rissington	050	04	48	2	45.4	+3	40	33	-	-	-	-	-	-	340	08	48	Z	43.8	-4	39	30	-	7	8	6	4	84	-	1	0	43	4.7	-														
5	Ross-on-Wye	-	0	09	C	45.3	-3	41	37	-	-	-	-	-	-	360	02	12	2	43.7	-4	40	35	-	3	3	-	-	-	1	0	45	4.0	-															
5	Shawbury	270	04	48	C	46.3	0	43	35	-	-	-	-	-	-	270	04	20	C	44.6	-6	38	35	-	3	7	8	3	83	-	0	0	45	3.7	-														
5	Bristol	-	0	04	C	45.8	0	40	37	-	-	-	-	-	-	050	03	02	C	44.2	-2	39	35	-	8	7	-	-	-	1	0	45	2.5	-															
5	Exeter	070	10	64	bc	45.6	0	43	36	-	-	-	-	-	-	050	03	04	C	43.8	-2	41	35	-	8	7	-	-	-	1	0	45	2.5	-															
5	Portland Bill	050	19	48	2	48.4	-1	44	37	-	-	-	-	-	-	070	09	48	Z	43.7	0	45	34	-	6	6	20	-	-	0	0	46	7.1	-															
6	Plymouth	070	12	81	b	44.5	-1	45	34	-	-	-	-	-	-	070	05	08	bc	43.2	+1	41	35	-	6	5	-	-	-	1	0	47	6.8	-															
6	Chivenor	110	03	81	C	45.7	-2	48	46	-	-	-	-	-	-	-	0	81	C	43.8	0	43	36	-	6	5	-	-	-	1	0	50	*	-															
6	St. Eval	130	10	64	bc	44.7	0	47	37	-	-	-	-	-	-	-	0	64	bc	43.7	+3	43	38	-	6	5	-	-	-	1	0	50	5.4	-															
6	Lizard	060	03	56	C	44.6	+8	46	40	-	-	-	-	-	-	070	07	64	bc	42.6	-5	44	39	-	4	4	20	-	-	0	0	48	5.1	-															
6	Scilly, St. Mary's	090	14	48	0	44.4	+8	48	47	-	-	-	-	-	-	090	10	56	bc	42.4	0	44	41	-	4	5	2	18	-	1	0	50	1.0	-															
7	Guernsey	060	10	20	2	44.2	+4	46	42	-	-	-	-	-	-	030	02	16	bc	42.1	-3	42	38	-	4	3	1	18	-	0	0	47	6.9	-															
7	Aberporth	180	03	83	C	45.9	+6	44	35	-	-	-	-	-	-	-	0	80	C	44.5	-4	37	36	-	7	7	-	-	-	0	0	48	2.9	-															
7	Pembroke	110	05	80	0	46.3	+6	43	43	-	-	-	-	-	-	070	03	56	C	44.1	-6	43	38	-	7	7	-	-	-	1	0	46	3.6	-															
7	Holyhead (Valley)	050	05	48	C	46.0	+1	46	43	-	-	-	-	-	-	-	0	56	C	43.8	-10	42	37	-	7	7	-	-	-	0	0	46	0.6	-															
7	Manchester	-	0	09	C	46.0	0	42	39	-	-	-	-	-	-	-	0	16	bc	43.7	-10	36	35	-	7	2	5	5	86	3	83	1	0	47	2.6	-													
8	Squires Gate...	300	06	24	C	45.3	+1	46	42	-	-	-	-	-	-	260	05	28	C	43.1	-13	39	38	-	7	1	6	3	80	-	1	0	48	2.3	-														
8	Silloth	260	05	82	C	54.0	+5	43	37	-	-	-	-	-	-	180	08	80	C	42.6	-11	39	37	-	3	1	5	2	-	0	0	45	*	-															
8	Finningley	290	07	12	Z	44.7	+4	45	33	-	-	-	-	-	-	-	0	24	b	42.9	-8	35	31	-	4	1	1	-	-	0	0	45	4.1	-															
8	Spurn Head	230	13	16	bc	44.2	+2	41	40	-	-	-	-	-	-	270	05	16	b	42.7	-3	41	40	-	6	-	2	2	20	-	1	0	44	5.0	-														
8	Leeming	310	07	81	C	44.4	+4	47	41	-	-	-	-	-	-	230	02																																





6h Monday 31st January 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h Westminster  
Kew 09h-18h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		Yest- erday	To- day
				Max.	Min.	° F.	° F.	° F.	mm.	mm.	%
Kew ...	oFw	bfm	x off	45	31	20	-	-	1-2	.	.
London Airport ...	oFw	bfm	x off	45	30	25	-	-	*	.	.
Greenwich ...	oFw	bfm	x off	44	32	24	-	-	0-4	68	75
Westminster	.	.	.	46	33	24	-	-		63	81
Regents Park	.	.	.	45	34	26	-	-		65	81
Camden Square	c	b	.	46	35	22	-	-			79
Kensington ...	c	c	.	46	34	+	-	-		71	83
Hampstead ...	bc	bcm	bc	45	36	30	-	-			82

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. Time 21h Min. Time 04h

4/6h 31st

Pressure moving the front with the cold in the south England particularly

Clark's Statute

BAROMETER. Wind. Arrow short feather TEMPERATURE. WEATHER SYMBOLS. Sky 6/8 or 5/8. The hour of

FRONTS of different origin are well shown by the following symbols

NOTE: When identical



## 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 short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS —

☉ Sky 8/8 or 7/8 clouded.	○ Clear sky.	◐ Sky less than 3/8 clouded.	◑ Sky 3/8 to 5/8 clouded.
☁ Overcast sky.	⊗ Sky obscured.	⬆ Rain falling.	* Snow.
☂ Thunderstorm.			

☂ Thunderstorm.

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.

### FRONTS

Boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—

	= Occluded Front (or Occlusion)
	= Warm Occlusion
	= Cold Occlusion
	= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis.

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 31st January 1949

No. 31247

OBSERVATIONS at 00hr. G.M.T. 31st January

OBSERVATIONS at 06hr. G.M.T. 31st January

OBSERVATIONS Sunday NIGHT

District	Stations	Height above M.S.L.	OBSERVATIONS at 00hr. G.M.T.														OBSERVATIONS at 06hr. G.M.T.														OBSERVATIONS Sunday NIGHT									
			Wind		Pressure	Temp.	Cloud								Wind		Pressure	Temp.	Cloud								9h	Weather		Temperature		Rain								
			Direction (degrees)	Speed (kts.)			Form	Amount	Main layer	Lowest layer	Direction (degrees)	Speed (kts.)	Form	Amount	Main layer	Lowest layer			State of ground	21 h.-09 h.	Min. °F.	Min. on Grass °F.																		
																							(1)	(2)	(3)	(4)		(5)	(6)	(7)	(8)		(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
0	Kew	18	300	0604	42.9	-0.3	34.2	32.0	-	-	-	-	-	-	-	-	280	02	14	0	-20	33	32	5	-	-	-	-	8	8	28	-	-	1	off bccx	33	20	Tr		
1	London Airport	82	300	0604	42.3	-0.3	34.2	32.0	-	-	-	-	-	-	-	-	300	05	03	0	-21	31	30	-	-	-	-	-	-	0	0	0	-	-	1	bm.wcm.xcm	30	25	Tr	
	Lymington	341	300	0507	42.7	-0.3	34.2	32.0	-	-	-	-	-	-	-	-	300	07	07	0	-24	32	31	-	-	-	-	-	-	0	0	0	-	-	1	bcm.bcm.x	30	23	Tr	
	Tangmere	53	310	0606	42.7	-0.3	34.2	32.0	-	-	-	-	-	-	-	-	310	08	08	0	-19	30	30	-	-	-	-	-	-	0	0	0	-	-	1	bcm.bcm.x	30	22	Tr	
	Calshot	8	310	0606	42.7	-0.3	34.2	32.0	-	-	-	-	-	-	-	-	310	08	08	0	-19	30	30	-	-	-	-	-	-	0	0	0	-	-	1	cmfbmx	33	26	Tr	
2	Boscombe Down	414	340	0216	43.2	-2.3	33.1	31.0	-	-	-	-	-	-	-	-	310	03	12	bc	-16	31	30	-	-	-	-	-	3	0	0	-	-	3	bcbx	29	22	Tr		
	Felixstowe	10	310	0614	42.0	-4.3	35.3	33.0	-	-	-	-	-	-	-	-	290	05	18	2	-25	35	32	-	-	-	-	-	1	4	0	0	-	-	1	bcm.xcf	34	23	Tr	
	Gorleston	5	310	0614	42.0	-4.3	35.3	33.0	-	-	-	-	-	-	-	-	290	06	12	2	-22	35	33	-	-	-	-	-	1	4	0	0	-	-	1	bcm.xcfcm	34	23	Tr	
	West Raynham	250	250	0504	41.2	-7.3	33.2	31.0	-	-	-	-	-	-	-	-	240	04	01	uf	-25	32	32	-	-	-	-	-	1	0	0	0	-	-	1	bmx.bfo.Firm	31	25	Tr	
3	Mildenhall	15	200	0304	41.6	-10.3	35.3	33.0	-	-	-	-	-	-	-	-	210	08	01	bf	-25	33	32	-	-	-	-	-	1	0	0	0	-	-	1	bmx.ofxcm.xcfcmx	32	22	Tr	
	Cranfield	340	220	0507	42.3	-4.3	33.2	31.0	-	-	-	-	-	-	-	-	240	06	04	cf	-29	34	33	-	-	-	-	-	0	6	4	-	-	0	cmcfcm.bcmcfcm	30	27	-		
	Honiley	427	270	0507	42.3	-4.3	33.2	31.0	-	-	-	-	-	-	-	-	260	04	14	bf	-25	34	31	-	-	-	-	-	1	1	1	25	-	-	1	offbcmcm.bmm.cm	33	29	-	
	Wittering	236	270	0507	42.3	-4.3	33.2	31.0	-	-	-	-	-	-	-	-	270	03	10	bff	-25	34	33	-	-	-	-	-	1	0	0	0	-	-	1	cmobmbicfx	32	26	Tr	
4	Watnall	366	250	0505	41.7	-9.3	35.4	33.0	-	-	-	-	-	-	-	-	260	09	13	bf	-25	36	34	-	-	-	-	-	1	0	0	0	-	-	1	bcm.ofcm.cm	34	31	Tr	
	Little Rissington	740	290	0416	43.1	-1.3	39.4	36.0	-	-	-	-	-	-	-	-	250	11	80	b	-25	38	32	-	-	-	-	-	1	0	0	0	-	-	1	cm.c2.bab	35	31	-	
	Ross-on-Wye	223	290	0416	43.1	-1.3	39.4	36.0	-	-	-	-	-	-	-	-	250	11	80	b	-25	38	32	-	-	-	-	-	1	0	0	0	-	-	1	cm.c2.bab	35	31	-	
	Shawbury	235	290	0416	43.1	-1.3	39.4	36.0	-	-	-	-	-	-	-	-	250	11	80	b	-25	38	32	-	-	-	-	-	1	0	0	0	-	-	1	cm.c2.bab	35	31	-	
5	Bristol	209	080	0548	43.4	-3.4	42.3	40.0	-	-	-	-	-	-	-	-	100	09	48	2	-20	44	37	-	-	-	-	-	0	8	8	10	-	-	0	cfbcm.bmxcm	31	23	Tr	
	Exeter	100	080	0548	43.4	-3.4	42.3	40.0	-	-	-	-	-	-	-	-	100	09	48	2	-20	44	37	-	-	-	-	-	0	8	8	10	-	-	0	cfbcm.bmxcm	31	23	Tr	
	Portland Bill	32	080	0548	43.4	-3.4	42.3	40.0	-	-	-	-	-	-	-	-	100	09	48	2	-20	44	37	-	-	-	-	-	0	8	8	10	-	-	0	cfbcm.bmxcm	31	23	Tr	
	Plymouth	90	090	0608	42.5	-4.3	36.3	33.0	-	-	-	-	-	-	-	-	110	05	16	2	-17	35	34	-	-	-	-	-	3	0	0	0	-	-	1	bm.cm.bmx	32	26	-	
6	Chivenor	20	110	0264	43.6	+0.3	30.3	33.0	-	-	-	-	-	-	-	-	110	05	16	2	-17	35	34	-	-	-	-	-	3	0	0	0	-	-	1	bm.cm.bmx	32	26	-	
	St. Eval	336	050	0240	42.7	-5.3	38.5	36.0	-	-	-	-	-	-	-	-	090	02	40	2	-14	40	37	-	-	-	-	-	1	0	0	0	-	-	1	bcm.b	35	28	-	
	Lizard	240	100	0364	42.6	+0.3	30.3	33.0	-	-	-	-	-	-	-	-	120	03	56	bc	-13	44	39	-	-	-	-	-	0	4	4	30	-	-	1	bc	41	28	-	
	Scilly, St. Mary's	163	090	0882	42.3	+0.3	30.3	33.0	-	-	-	-	-	-	-	-	110	04	81	bc	-19	43	38	-	-	-	-	-	0	4	4	18	-	-	1	bcbbc	41	28	-	
7	Guernsey	340	090	0680	42.8	+0.3	30.3	33.0	-	-	-	-	-	-	-	-	080	06	81	b	-15	42	36	-	-	-	-	-	0	0	0	0	-	-	0	bz.b	38	32	-	
	Aberporth	375	190	1080	41.0	-3.3	38.5	36.0	-	-	-	-	-	-	-	-	200	08	80	bc	-10	35	33	-	-	-	-	-	0	3	2	0	-	-	0	cwcbe	35	27	-	
	Pembroke	142	090	0680	42.5	+0.3	30.3	33.0	-	-	-	-	-	-	-	-	090	03	56	b	-17	39	39	-	-	-	-	-	1	0	0	0	-	-	1	bcbcm	36	28	-	
	Holyhead (Valley)	32	200	1680	42.2	-6.3	38.8	36.0	-	-	-	-	-	-	-	-	230	12	56	0	-10	45	40	-	-	-	-	-	1	8	8	45	-	-	1	bcm.bcbid.r	37	31	0.3	
8	Manchester	238	200	0464	40.5	-9.3	33.0	31.0	-	-	-	-	-	-	-	-	200	04	20	bc	-18	34	33	-	-	-	-	-	1	5	5	30	-	-	1	bcbcm	33			