

# THE DAILY WEATHER REPORT

E 4274

BRITISH SECTION

1st January to 31st March,

1946



AIR MINISTRY, 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. Forecasts by Districts ceased to appear. The stations are arranged according to Forecast Districts as described on p. 4 of this Introduction.

Whenever it is possible to do so, without occupying too much space, the decoded values are set out in full in the table; in other cases, code figures are entered; these are interpreted by reference first to the number printed at the head of the column, and then to the Explanation printed below where the column numbers are shown in connexion with each of the separate classes of observation.

**Barometer Readings.**—The readings are in millibars and tenths with the initial 9 or 10 omitted. Thus readings of 989.4 and 1021.5 are printed as 89.4 and 21.5.

**Barometric Tendency.**—(Columns 2 and 18)  
The Barometric tendency is expressed in tenths of a millibar.

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

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

## THE BEAUFORT SCALE OF WIND FORCE [F] Columns 4, 20

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at British Land Stations.	Limits of Mean Velocities Statute Miles per Hour as recorded by well exposed anemometers about 30 to 40 feet above ground.
0	Calm ...	Calm; smoke rising vertically...	Less than 1
1	Light air ...	Direction of wind shown by smoke drift ...	1-3
2	Slight breeze ...	Wind felt on face; leaves rustle ...	4-7
3	Gentle breeze...	Leaves and small twigs in constant motion; wind extends light flag ...	8-12
4	Moderate breeze	Raises dust and loose paper; small branches are moved ...	13-18
5	Fresh breeze ...	Small trees in leaf begin to sway; crested wavelets on inland waters...	19-24
6	Strong breeze...	Large branches in motion; whistling heard in telegraph wires	25-31
7	Moderate gale...	Whole trees in motion; inconvenience felt when walking against wind ...	32-38
8	Fresh gale ...	Breaks twigs off trees; generally impedes progress...	39-46
9	Strong gale ...	Slight structural damage occurs (chimney pots and slates removed) ...	47-54
10	Whole gale ...	Seldom experienced inland; trees uprooted...	55-64
11	Storm ...	Very rarely experienced; accompanied by widespread damage	65-73
12	Hurricane ...	...	74-82
13	...	...	83-98
14	...	...	99-103
15	...	...	104-114
16	...	...	115-125
17	...	...	126-136

**Form of Low Cloud (CL)** — Columns 9, 25.

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

**Form of Medium Cloud (CM)** — Columns 10, 26.

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

**Form of High Cloud (CH)** — Columns 11, 27

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

**Cloud Form Abbreviations**

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

**Code for Horizontal Visibility (V)**—Columns 8, 24.

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

**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 38, 43

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

**Beaufort Notation and Symbols for Weather**—Columns 5 and 21 and 35, 36, 37, 38 on page 1, and 5 and 21 on page 4

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

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

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

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

The symbols  $\uparrow$  (North Cone) and  $\downarrow$  (South Cone) are appended to the details of warnings given on page 3 of the Report.







## FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND.



Scale 1:5,000,000

## FORECAST DISTRICTS and the Counties comprised within them

1. England, S.E. Kent. Sussex. Hampshire. Berkshire. Wiltshire.	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. 16. Orkneys and Shetlands.	19. Ireland, S.E. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. Kildare. Dublin.
2. England, E. Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Suffolk. Norfolk. Lincoln.	5. England, S.W. Dorset. Somerset. Monmouth. Devon. Cornwall.	9. Midlands, N. Derby. Yorkshire, W.	12. Scotland, S.W., and Isle of Man. Dumfries. Kirkcubright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling.	17. Ireland, N.W. Galway. Roscommon. Mayo. Sligo. Leitrim.	20. Ireland, S.W. Cork. Kerry. Limerick. Tipperary. Clare.
3. Midlands, E. Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham.	6. Wales, S. Glamorgan. Brecknock. Cardigan. Pembrokeshire. Radnor.	10. England, N.E. Yorkshire, N. & E. Durham. Northumberland.	14. Mid Scotland. Perth.	18. Ireland, N.E. Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. Donegal.	
	7. Wales, N. Roxburgh. Merioneth. Flint. Denbigh. Carnarvon. Anglesey.	11. Scotland, S.E. Selkirk. Peebles. Berwick. Haddington. Edinburgh.	13a. Scotland, W. Argyll. Bute.		

## NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

**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 0500 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 measurements 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.

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

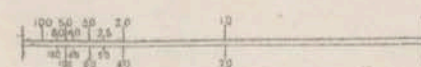
**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on page 2 of the Report and for intervals of 4 millibars on Page 3.

The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 20 knots in latitude 55°, with a temperature of 50° F. and a pressure of 1,000 mb.; if, however, the isobars are ½ 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.

## GEOSTROPHIC WIND SCALES

Upper Scale—8 mb. isobars on 1:4 × 10<sup>7</sup> Charts.Lower Scale—2 mb. „ „ 1:5 × 10<sup>6</sup> „

Knots.

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.

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

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

$$x = f - .444(t - f) \text{ for wet bulb readings above } 32^\circ \text{ F.}$$

$$x = f - .400(t - f) \text{ for wet bulb readings below } 32^\circ \text{ F.}$$

where  $x$  is the vapour pressure in mb. $F$  the saturation vapour pressure at the temperature of the dry bulb;For air temperatures below 32° F. the value of  $F$  used is that appropriate to an ice surface. $f$  the saturation vapour pressure at the temperature of the wet bulb;For wet bulb temperatures below 32° F. the value of  $f$  used is that appropriate to an ice surface. $t$  the dry bulb temperature; and $f'$  the wet bulb temperature.

The values of Dew Point given in columns (8) and (23) are derived from the original readings of dry—and wet—bulb temperature and are correct to one degree Fahr. Values below 32° F. give the "Hoar Frost Point," that is to say the temperature for which the actual vapour pressure is equal to the saturation pressure over ice.

**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).

**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. 2d. post free.



JANUARY 1946 No. 349

An anticyclone moving southeast from Scandinavia gave fine, frosty weather over most of Great Britain at the beginning of the month. A rapid change to a mild, southwesterly type took place on the 4th with gales over a large area in the West and North. A mild, unsettled and at times stormy, southwesterly type continued till the 11th. There was a notably severe gale in the extreme Northwest on the 8th (Stornoway, gust 55mph). Wedge development to West and an anticyclone moving southeast from the Arctic and developing greatly, caused a sudden change to colder weather on the 12th, which over most of the country lasted till the 23rd. The anticyclone first moved to the North Sea on the 14th giving fine, frosty weather (min. temp. 11°F at Eskdalemuir on the 16th) and on the 17th it moved to Scandinavia, giving very cold east winds in the South, with frost day and night. The spread of a shallow depression from the South brought snow to many districts on the 18th; mainly slight but appreciable in parts of Northern England. A flat situation then developed with fog and hard frost over a wide area; Leeming had a screen minima of 11°F on the 20th and 13°F on 21st and Hawarden one of 14°F on the 21st. Bristol had 15°F on 21st. Subsequently temperatures rose, but it was still low over most of Great Britain till the 23rd when snow fell in the Midlands and North. A mild southwesterly type set in on the 24th. Unsettled conditions continued for the rest of the month and in the last few days it was very stormy. Late on the 29th a depression moved eastwards across Ireland and North England with a severe gale south of the centre. Snow fell on high ground along a belt to north of the centre and locally in showers on the 30th, especially in the Peak district. For the month as a whole,

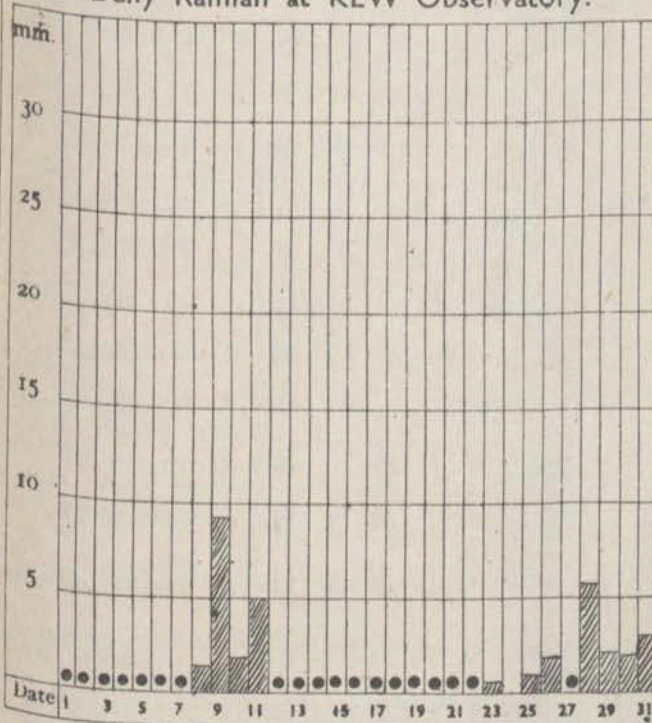
Alternating frosty and wet stormy periods. The heaviest gusts reported being:—Lerwick 81mph on 5th; Valentia 63mph and Stornoway 55mph on 8th; Lizard 63mph on 8th; Stornoway 74mph on 24th; Chivenor 60mph on 29th and 30th; Thorney Island 63mph, Lympne 67mph, Scilly 81mph and 50mph on 30th.

The heaviest rainfall amounts recorded were:—Fairwood 33mm and Tice 39mm on 23rd and Lympne 37mm and Langham 31mm on 30th.

Mean temperatures were below average in the Southeast, elsewhere about average. Rainfall was above average in the West and Northwest and slightly below in the Southeast.

Sunshine. Thorney Island was outstanding with 94hrs, a record for that area.

Daily Rainfall at KEW Observatory.



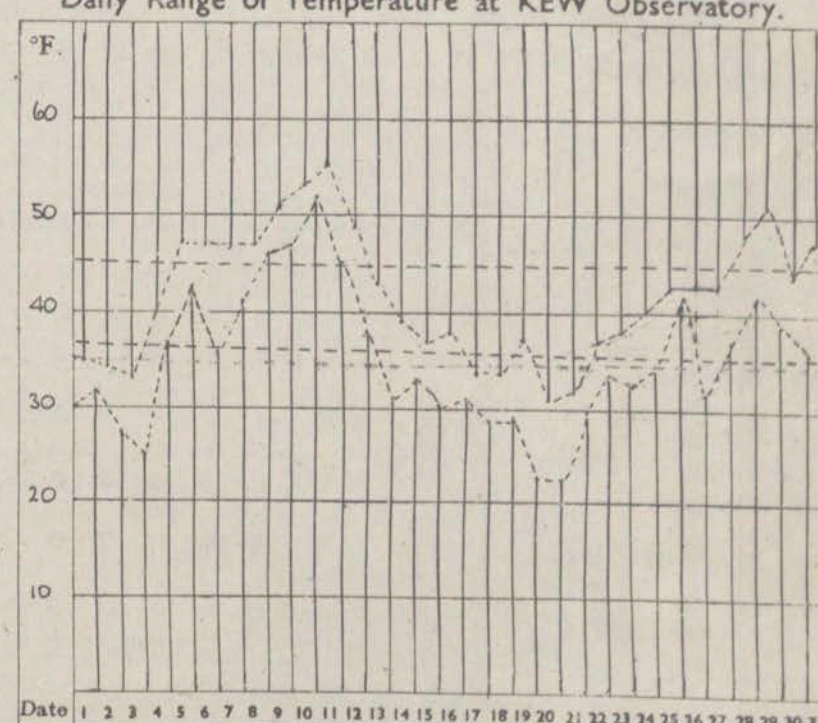
RAINFALL. Total for Month. 36 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 50 hrs.

Daily Range of Temperature at KEW Observatory.



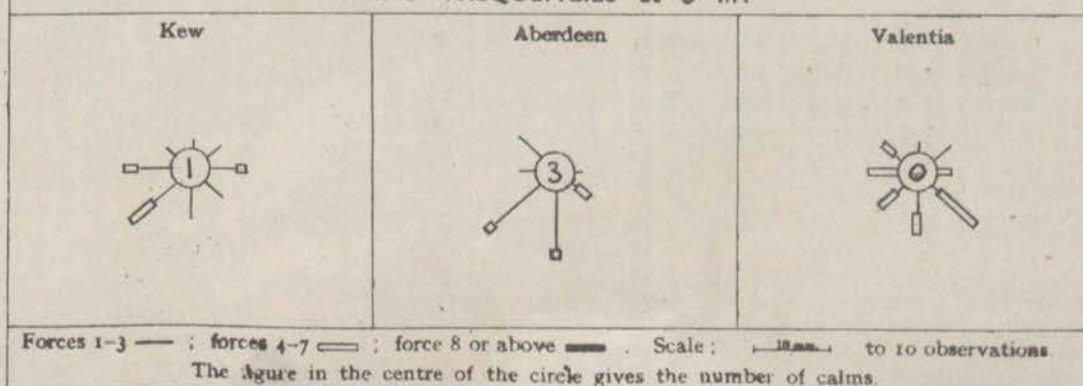
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb 1020.1	mb. +2.5	°F. 38.5	°F. -2.8
Aberdeen	1012.3	+1.7	38.7	-0.8
Valentia	1013.8	-1.2	45.7	0

\* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 18 h. duly 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	7285
Aberdeen	6075
Lerwick	17635



## SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

DISTRICT.	STATIONS.	† TEMPERATURE.														LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																			
		Number of daily readings within fixed limits.										Extremes—Warmest and Coldest				Number of observations within fixed limits.						Number of observations within fixed limits.																			
		Maximum.					Average Minimum.	Days.		Nights.		Number of Ground Frosts.	9 h.			15 h.			21 h.			9 h.			15 h.																
		32° or below	33°-41°	42°-50°	51°-59°	60°-68°		Average Maximum.	25° or below	24°-32°	33°-41°		42°-50°	51°-59°	Highest Max.	Date.	Lowest Max.	Date.	Highest Min.	Date.	Lowest Min.	Date.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London (Kew Obsy).	2	13	12	4	0	45.2	2	11	11	6	1	37.5	55	11	31	20	52	11	23	20	17	3	19	0	3	23	0	3	23	0	1	0	6	5	1	0	0	3	1	1
1	Croydon	3	11	13	4	0	44.9	4	13	9	4	1	37.1	56	11	27	20	52	11	20	3	14	8	15	0	6	18	0	8	13	0	0	1	4	0	0	1	1	2	0	
1	Thorney Island	1	11	15	4	0	44.9	2	12	9	7	1	37.5	55	11	28	21	51	11	22	20	*	1	22	1	4	21	0	4	17	0	0	0	1	4	5	0	0	0	2	12
1	Lympne						43.4						35.9																												
2	Shoeburyness...	0	14	14	3	0	45.2	1	7	18	8	0	35.4	56	11	33	21	47	11	25	22	16	1	20	0	1	22	0	1	18	0	0	0	2	1	7	0	0	1	1	9
2	Gorleston	0	15	13	3	0	44.3	0	3	23	5	0	36.8	57	11	34	2	47	10	31	13	6	0	18	0	1	28	0	1	27	0	0	0	0	13	0	0	0	2	13	
3	Cranwell	2	14	14	1	0	43.3	1	15	11	4	0	34.7	55	11	26	20	47	11	21	19	10	8	19	1	6	18	2	5	16	0	0	2	2	0	11	0	0	2	1	11
3	Birmingham (Edgbaston)	5	11	12	3	0	43.2	2	14	10	5	0	36.0	53	11	29	18	47	11	21	20	15	10	13	0	10	15	0	7	15	0	1	2	1	6	5	1	1	0	4	4
4	Ross-on-Wye...	5	8	12	6	0	45.5	3	12	7	8	1	37.2	55	10	28	21	53	11	19	21	19	5	21	0	1	23	0	2	17	0	0	2	3	1	16	0	0	2	0	18
5	The Lizard	0	4	14	13	0	*	0	1	14	15	1	*	55	11	36	18	54	11	28	18	*	3	25	0	7	24	0	10	21	0	0	0	0	1	23	0	0	0	1	21
7	Holyhead (Valley)	0	8	18	5	0	46.4	0	11	10	10	0	41.6	51	11	34	18	47	5	24	16	12	1	25	1	7	14	4	5	18	0	0	0	0	26	0	0	0	1	21	
8	Hawarden P	3	10	10	8	0	46.0	7	10	9	5	0	36.9	55	11	30	23	47	6	14	21	15	4	19	0	4	20	0	2	14	1	0	0	7	4	8	0	0	1	7	11
10	Tynemouth	1	12	17	1	0	44.1	1	10	15	5	0	37.3	52	11	30	3	45	11	23	16	11	0	31	0	0	31	0	0	31	0	0	0	2	9	20	1	1	3	10	5
11	Leuchars	0	17	13	1	0	43.4	3	13	14	1	0	34.4	52	4	33	17	42	10	19	17	16	4	21	2	3	23	2	3	16	1	0	1	0	2	14	0	0	0	3	16
12	Renfrew	3	11	17	0	0	43.6	5	11	10	5	0	35.3	51	24	28	2	44	5	19	17	16	5	24	0	7	21	0	4	20	0	0	0	5	4	2	0	1	5	4	5
12	Eskdalemuir	1	18	12	0	0	40.7	9	11	11	0	0	32.4	48	11	31	3	41	11	11	16	20	8	20	0	11	17	0	8	13	0	0	0	3	0	16	0	0	0	1	16
13	Stornoway	0	2	28	1	0	44.6	1	3	21	6	0	37.8	54	4	41	16	45	4	23	18	4	0	31	0	4	26	1	2	25	0	0	0	0	23	0	0	0	1	24	
15	Aberdeen	0	13	17	1	0	43.1	1	8	19	3	0	35.8	52	4	36	15	43	5	16	17	20	1	22	1	2	25	1	1	22	0	0	0	3	4	10	0	0	3	4	8
18	Aldergrove	0	12	18	1	0	43.3	1	9	18	3	0	35.4	51	24	34	19	43	11	18	20	15	9	19	1	10	18	0	5	16	0	0	0	1	0	15	0	0	1	1	15
19	Birr Castle	0	6	12	6	0	46.4	1	6	16	8	0	37.4	53	31	35	19	46	11	17	20	7	3	22	0	3	21	0	3	22	0	0	0	0	31	0	0	0	0	31	
20	Valentia (Cahirciveen)	0	2	17	12	0	43.0	0	1	9	21	0	42.3	54	29	39	18	49	11	31	20	5	5	24	1	3	28	0	2	28	0	0	0	0	25	0	0	0	0	24	

§ Maximum for periods 07-18 h. Minimum 18-07 h. Cloud and visibility at Birr Castle 7, 13, 18 h, and at Valentia 6, 12, 18 h.

† Maximum for periods 07-18 h. Minimum 18-07 h. Cloud and visibility at Birr Castle 7, 13, 18 h, and at Valentia 6, 12, 18 h.

UPPER AIR TEMPERATURE.										UPPER WINDS.																											
										No. of records of Velocity (knots) within fixed limits.																											
Pressure	Sea Height	BIRCHAM NEWTON (31 Reports)		* ALDERGROVE (28 Reports)		PENEANCE (31 Reports)	LARNHILL (31 Reports)	DOWNHAM MARKET (31 Reports)	LIVERPOOL (31 Reports)	LERWICK (31 Reports)	VALENTIA (31 Reports)	LARNHILL (31 Reports)						DOWNHAM MARKET (31 Reports)						LIVERPOOL (31 Reports)						LERWICK (30 Reports)							
		Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots		
mb.	feet																																				
Surf.			37.0		38.8	45.0	34.8	33.5	36.4	40.5	46.8	28	3	0	0	0	0	28	3	0	0	0	0	27	4	0	0	0	0	9	20	0	1	0	0		
980	3,240	33.4	23.5		32.6	34.0	31.2	29.7	32.0	32.4	35.3	6	21	4	0	0	0	6	20	5	0	0	0	10	10	11	0	0	0	3	13	8	0	0	0		
860	6,390	27.0	24.1		25.6	27.0	24.8	24.3	24.6	23.4	27.9	5	20	6	0	0	0	7	18	5	1	0	0	7	12	12	0	0	0	3	13	7	1	0	0		
700	9,376	16.6	15.5		16.0	17.9	15.8	14.4	15.1	12.8	17.2	7	14	8	2	0	0	7	14	9	1	0	0	7	10	13	1	0	0	2	18	10	0	0	0		
600	13,792	3.7	1.3		3.5	5.5	3.7	0.7	2.4	-0.9	4.8	6	10	8	4	1	0	6	9	13	3	0	0	6	8	16	1	0	0	3	13	6	2	0	0		
500	18,278	-12.0	-13.7		-12.4	-11.4	-11.7	-15.0	-13.3	-17.4	-10.0	2	11	10	4	1	2	1	12	13	4	1	0	5	7	13	4	1	1	4	16	5	3	1	1		
400	23,561	-	-35.1		-32.6	-32.2	-31.5	-34.6	-33.2	-38.1	-31.6	2	5	10	8	3	3	1	12	6	7	2	3	2	6	10	8	2	2	4	13	5	5	2	1		
300	30,049	-	-57.3		-57.7	-57.2	-56.8	-57.7	-57.7	-62.1	-56.8	2	6	5	7	5	5	0	7	10	6	4	4	2	6	10	4	4	1	4	3	8	2	4	2		
200	38,640	-	-		-	-77.2	-74.4	-74.5	-75.7	-77.5	-68.6	3	9	8	6	4	0	2	7	10	4	4	2	1	6	8	3	2	0	3	8	7	3	3	3		

† The readings used are the maximum for the period 00 h-21 h and the minimum for the period 21 h-00 h. Averages are for periods 07 h-18 h and 18 h-07 h, and are based on data covering at least 10 years (see M.O. 364).

\* Ballyhaubert.  
† Langham.

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



## SUNSHINE, RAINFALL, AND HUMIDITY

JANUARY 1946

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.							0. trace or 0.1 mm.	0.2—1 mm.	1.1—5 mm.	5.1—15 mm.	15.1—25 mm.	Above 25 mm.			mm.	Date.	mm.	mm.	mm.	mm.	First year of record.	Highest. Year.	Lowest. Year.	mm.	mm.
1	London (Kew Obsy.)	11	13	6	1	0	6-7	12	1327	-142	50	+6	1880	74	1851	16	1885	17	4	8	2	0	0	9	9	497	-109	36	-9	1856	124	1877	11	1892	1	3				
1	Croydon	11	10	7	3	0	7-2	15	1524	-1	65	+17	1922	67	1927	23	1945	18	3	6	3	1	0	20	9	638	-41	58	+6	1921	154	1943	29	1935	0	2				
1	Thorney Island	8	9	9	5	0	7-6	15			94	+30	*	84	1946	35	1912	17	5	3	6	0	0	14	11	623	-71	58	0	*	181	1906	10	1880	0	1				
1	Lympne												1921	91	1940	33	1941													1920	124	1939	30	1929						
2	Shoeburyness	9	15	6	1	0	6-1	15	1468	-248	52	-5	1919	77	1923	32	1941	23	3	4	1	0	0	7	28	435	-68	23	-11	1920	93	1937	23	1932	0	1				
2	Corleston	11	10	10	0	0	6-0	17	1499	-144	59	+3	1908	84	1910	27	1915	22	1	5	3	0	0	12	31	598	-24	37	-7	1871	142	1939	3	1880	0	1				
2	Cranwell	14	8	4	4	0	6-9	15	1505	-33	55	0	1921	69	1932	30	1941	17	7	5	2	0	0	9	29	531	-59	35	-9	1917	109	1943	18	1932	0	3				
3	Birmingham (Edgbaston)	18	6	7	0	0	6-9	27	1269	-35	45	+1	1887	73	1905	8	1917	17	3	4	7	0	0	11	9	748	+74	71	+20	1893	148	1939	21	1908	1	4				
4	Ross-on-Wye	15	10	2	4	0	7-0	17	1320	-168	49	-6	1915	91	1933	34	1921	20	1	5	4	1	0	19	9	694	-23	70	+8	1859	161	1943	7	1898	0	5				
5	Falmouth (Observatory)	11	9	10	1	0	6-2	21	1575	-135	57	-3	1881	87	1885	22	1884	12	4	5	6	4	0	21	29	1154	+47	142	+35	1871	246	1875	25	1880	0	1				
7	Holyhead (Valley)	11	10	7	3	0	7-2	16	1548	-2	66	+15	1914	102	1933	29	1914	13	6	3	7	2	0	15	29	782	-105	109	+35	1871	190	1877	19	1880	0	2				
8	Hawarden P.	16	9	6	0	0	6-3	12	1398	+22	43	-10	1923	71	1933	33	1941	14	3	8	6	0	0	12	28	621	-17	68	+21	1922	155	1936	31	1929	0	4				
10	Tynemouth	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	18	7	4	2	0	0	13	29	570	-51	31	-10	1915	129	1945	15	1932	0	5				
11	Leuchers	12	10	8	1	0	6-4	14	1311	+41	57	-1	1922	84	1931	21	1942	17	4	9	1	0	0	12	25	737	+84	58	-8	1922	124	1928	22	1929	0	1				
12	Renfrew	21	10	0	0	0	2-2	6	1254	+61	10	-24	1921	49	1931	9	1940	10	1	11	7	2	0	25	4	1104	+65	135	+50	1921	241	1928	22	1941	0	3				
12	Eskdalemuir	16	8	5	2	0	6-3	13	1170	-41	48	+13	1910	81	1945	12	1913	11	4	5	4	6	1	30	25	1485	+56	193	+56	1910	324	1928	43	1941	0	12				
13a	Stornoway	16	12	2	1	0	6-1	17	1119	-96	28	+1	1881	60	1939	12	1907	10	4	10	6	1	0	15	24	976	-225	110	-14	1870	373	1872	33	1881	0	0				
15	Aberdeen	14	8	9	0	0	5-9	10	1327	-2	52	+5	1881	85	1881	15	1885	18	5	7	1	0	0	5	25	777	+29	28	-27	1871	135	1945	16	1905	0	3				
18	Aldergrove	14	7	10	0	0	5-7	10	1243	-83	55	+13	1927	64	1928	24	1944	11	6	5	7	2	0	22	22	866	+28	118	+48	1926	143	1942	31	1935	0	4				
19	Birr Castle	11	12	8	0	0	5-6	23	1173	-133	49	0	1881	91	1897	24	1884	15	4	6	2	3	1	30	25	889	+62	129	+57	1862	148	1890	17	1881	0	0				
20	Valentia (Cabirciveen)	11	14	6	0	0	6-0	13	1262	-106	47	+3	1880	128	1881	16	1898	6	2	8	11	4	0	23	7	1492	+78	211	+72	1866	296	1937	27	1935	0	0				

## MINIMUM SURFACE HUMIDITY.

No. OF DAYS (MDT. TO MDT.) WITH MINIMA BETWEEN FIXED LIMITS

STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew)	0	0	7	12	6	5	1	0	0	0
Ross-on-Wye	1	1	7	10	10	2	0	0	0	0
Falmouth (Obsy.)	1	5	8	15	2	0	0	0	0	0
Renfrew	0	1	2	25	2	1	0	0	0	0
Eskdalemuir	0	3	11	15	2	0	0	0	0	0
Aberdeen	0	0	2	7	14	7	1	0	0	0
Valentia	1	2	5	11	9	3	0	0	0	0

## STATE OF GROUND AT 21 h.

No. OF DAYS EACH TYPE WAS RECORDED

STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)	0	23	0	4	3	0	0	0	1	0	0 Dry.
Ross-on-Wye	0	20	0	10	1	0	0	0	0	0	1 Wet.
Renfrew	0	17	1	9	0	3	0	0	1	0	2 Flooded.
Eskdalemuir	0	10	2	8	8	0	0	3	0	0	3 Frozen hard and dry
Aberdeen	0	24	0	6	1	0	0	0	0	0	4 Partly covered with snow or hail.
Valentia (at 18 h.)	0	3	18	0	0	0	0	0	0	0	5 Covered with ice or glazed frost
											6 Covered with thawing snow
											7 Covered with snow, less than 6 in., but ground not frozen
											8 Covered with snow, less than 6 in., and ground frozen
											9 Covered with snow, greater than 6 in. deep.

\*\* The extremes and average of rainfall are supplemented by records from neighbouring stations.  
† Averages and extreme values are those for Sealand, about 5 miles from Hawarden.  
‡ Readings for 30 days.

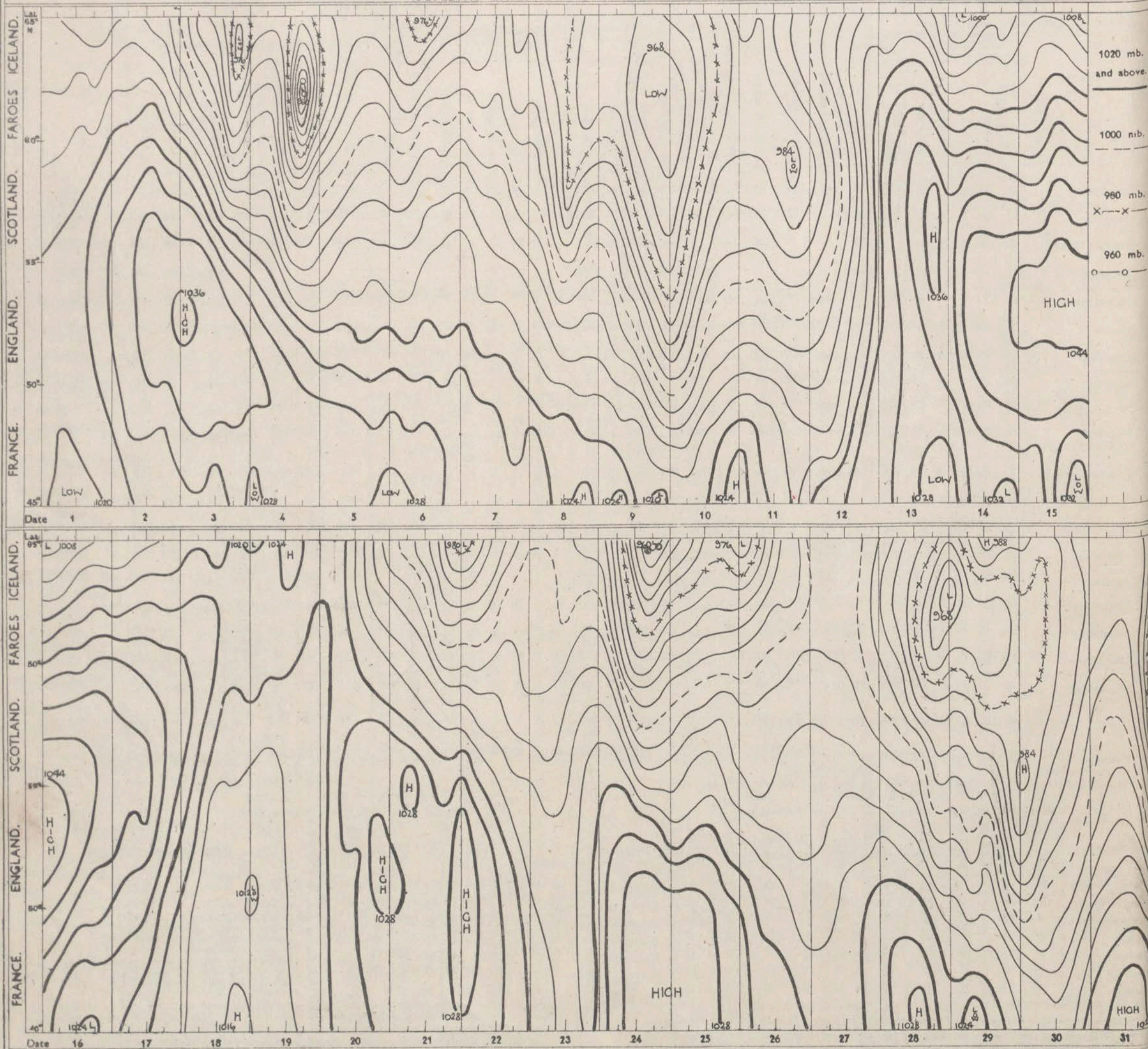
†† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.



## PRESSURE: ICELAND TO GULF OF LIONS

JANUARY 1946

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. 60° N., Long. 18° W., in the north; at Lat. 44° N., Long. 4° E. in the south.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Tuesday 1st January  
No. 30721

1945

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

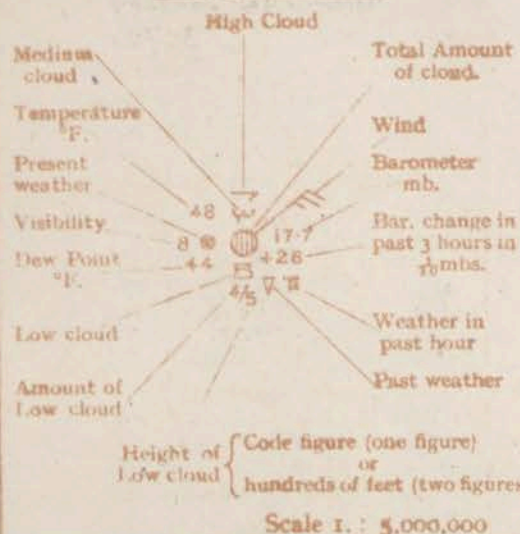
OBSERVATIONS at 18h. G.M.T. 31st December

OBSERVATIONS during DAY

STATIONS.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Weather.			Max. Temp. 24h. °F. (35)	Sun- shine Hrs. (37)	Rain- 24h. mm. (38)													
			Dir.	Force.					Form.	Amount.	Dir.	Force.				Form.	Amount.					Form.	Amount.	Form.	Amount.			Form.	Amount.	Form.				Amount.												
																																			Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)								
1 Kew	23.2	+2	ENE	1	F	34	34	1	-	-	-	-	-	22.8	+6	E	2	bF	34	34	1	-	-	-	-	-	0	1	ofx	ofx	ofx	36	0.0	-												
Croydon	23.8	-2	-	-	F	31	31	1	-	-	-	-	-	23.2	+2	-	0	F	29	28	0	-	-	-	-	-	0	1	ofx	ofx	ofx	34	0.0	-												
Boscombe Down	22.0	-6	NE'E	3	M	31	31	4	-	-	-	-	-	21.7	+4	NE'E	4	F	32	32	0	-	-	-	-	-	0	2	bFxbmbm	bmbm	bmbm	32	0.0	-												
Thorney Island	21.9	-2	ENE	1	M	39	36	5	-	-	-	-	-	20.9	-4	E	2	3	36	35	4	-	-	-	-	-	27	1	bmbm	bmbm	bmbm	41	0.0	-												
2 Friston	23.6	-2	E	2	M	42	37	6	-	-	-	-	-	23.9	+6	NE	3	M	37	37	6	-	-	-	-	-	7	1	bmbm	bmbm	bmbm	43	0.0	-												
Lymington	24.2	-2	E'N	1	M	39	38	4	-	-	-	-	-	24.0	+4	SE	3	M	38	38	4	-	-	-	-	-	20	1	offcm	cm	cm	42	0.0	-												
3 North Weald	24.0	+2	-	-	F	33	32	1	-	-	-	-	-	23.8	+2	-	1	F	33	33	1	-	-	-	-	-	20	1	offcm	cm	cm	36	0.0	-												
Felixstowe	24.8	-6	NNW	1	M	32	32	1	-	-	-	-	-	23.8	+2	SE	1	M	41	33	1	-	-	-	-	-	20	1	offcm	cm	cm	42	0.0	-												
4 Gorleston	23.9	+2	SE	3	M	43	40	6	-	-	-	-	-	23.5	+2	SE	3	M	41	33	1	-	-	-	-	-	20	1	offcm	cm	cm	43	0.0	-												
Mildenhall	24.0	+2	ESE	2	M	36	36	2	-	-	-	-	-	23.6	+4	ESE	2	M	35	35	0	-	-	-	-	-	0	1	offcm	cm	cm	36	0.0	-												
5 Burcham Newton	*	*	ESE	2	M	32	31	4	-	-	-	-	-	23.5	+2	SE	2	M	35	32	1	-	-	-	-	-	0	1	offcm	cm	cm	37	0.0	-												
Cranwell	24.1	0	SSE	1	M	32	32	1	-	-	-	-	-	23.5	+2	SE	1	M	33	32	1	-	-	-	-	-	0	1	offcm	cm	cm	33	0.0	-												
6 Cranfield	23.6	-2	E	2	M	27	27	0	-	-	-	-	-	22.8	+6	ESE	3	M	32	32	1	-	-	-	-	-	0	3	offcm	cm	cm	33	0.0	-												
Honiley	23.1	0	E	2	M	28	28	0	-	-	-	-	-	22.8	+6	ESE	3	M	31	31	1	-	-	-	-	-	0	3	offcm	cm	cm	32	0.0	-												
7 Little Rissington	23.1	+6	ENE	1	F	27	27	1	-	-	-	-	-	22.7	+2	E	2	M	31	31	1	-	-	-	-	-	0	3	offcm	cm	cm	32	0.0	-												
8 Madley	22.4	-2	E	1	F	29	29	1	-	-	-	-	-	22.2	+6	E	1	M	31	31	1	-	-	-	-	-	0	1	offcm	cm	cm	32	0.0	-												
9 Bristol	21.0	-4	ESE	2	M	35	33	4	-	-	-	-	-	20.5	+6	E	2	M	34	32	4	-	-	-	-	-	0	1	offcm	cm	cm	36	0.0	-												
10 Chivenor	18.1	-8	SE	3	M	44	39	5	-	-	-	-	-	17.3	+4	ESE	3	M	44	36	8	-	-	-	-	-	0	1	offcm	cm	cm	43	0.0	-												
11 Yeovilton	20.4	-2	SE	3	M	41	38	3	-	-	-	-	-	19.6	+2	ESE	3	M	40	36	4	-	-	-	-	-	0	1	offcm	cm	cm	43	0.0	-												
Portland Bill	19.8	-4	SE	4	bc	48	41	7	-	-	-	-	-	18.9	+0	E	5	bc	46	41	7	-	-	-	-	-	20	1	offcm	cm	cm	49	0.0	-												
12 Exeter	19.2	-8	SSE	4	bc	47	37	10	-	-	-	-	-	18.4	-2	SE	4	bc	46	36	10	-	-	-	-	-	25	1	offcm	cm	cm	48	0.0	-												
13 Plymouth	18.7	-6	SSE	4	bc	48	42	6	-	-	-	-	-	18.0	+2	SE	4	bc	47	40	7	-	-	-	-	-	18	1	offcm	cm	cm	48	0.0	-												
14 St. Eval	16.3	-6	SSE	4	bc	47	42	5	-	-	-	-	-	15.4	-2	SE	4	bc	46	39	7	-	-	-	-	-	10	1	offcm	cm	cm	48	0.0	-												
15 The Lizard	15.6	-12	SE	6	bc	50	46	4	-	-	-	-	-	14.0	-2	SE	6	bc	48	44	4	-	-	-	-	-	10	1	offcm	cm	cm	48	0.0	-												
16 Guernsey	18.9	-10	SE	4	bc	46	40	6	-	-	-	-	-	18.2	+0	SE	5	bc	45	37	8	-	-	-	-	-	15	1	offcm	cm	cm	48	0.0	-												
17 Scilly, St. Marys	13.4	-6	SE	5	bc	51	50	1	-	-	-	-	-	12.1	-4	ESE	5	bc	48	48	1	-	-	-	-	-	15	1	offcm	cm	cm	51	0.0	-												
18 Fairwood	18.9	-8	ESE	5	bc	41	37	4	-	-	-	-	-	18.5	+2	ESE	5	bc	41	37	4	-	-	-	-	-	15	1	offcm	cm	cm	49	0.0	-												
19 Pembroke	15.5	+4	SE	6	bc	46	46	0	-	-	-	-	-	15.5	+6	SE	6	bc	46	46	0	-	-	-	-	-	15	1	offcm	cm	cm	49	0.0	-												
20 Aberporth	7.4	-10	S	9	bc	42	37	5	-	-	-	-	-	17.2	+2	S	9	bc	42	36	6	-	-	-	-	-	30	1	offcm	cm	cm	44	0.0	-												
21 Penrhos	18.8	-2	E	2	bc	43	37	6	-	-	-	-	-	18.0	+4	ESE	4	bc	43	38	5	-	-	-	-	-	30	1	offcm	cm	cm	44	0.0	-												
Holyhead, Valley	19.1	-2	ESE	4	bc	42	38	4	-	-	-	-	-	18.5	+2	ESE	4	bc	40	36	8	-	-	-	-	-	35	1	offcm	cm	cm	45	0.0	-												
22 Hawarden	22.2	+2	SSE	3	bc	31	31	1	-	-	-	-	-	21.6	+6	SSE	3	bc	31	31	1	-	-	-	-	-	0	3	offcm	cm	cm	33	0.0	-												
23 Manchester	22.1	-6	SSE	3	bc	35	31	4	-	-	-	-	-	21.7	+2	SSE	3	bc	31	29	4	-	-	-	-	-	0	3	offcm	cm	cm	37	0.0	-												
24 Carlisle	21.8	-4	E	3	bc	37	33	4	-	-	-	-	-	21.6	+2	SE	4	bc	33	31	4	-	-	-	-	-	0	3	offcm	cm	cm	37	0.0	-												
25 Sillith	21.0	0	E	2	bc	35	33	6	-	-	-	-	-	20.5	+2	ESE	2	bc	30	29	6	-	-	-	-	-	0	3	offcm	cm	cm	37	0.0	-												
26 Ashbourne	23.4	+2	ESE	2	F	31	31	1	-	-	-	-	-	23.2	+6	ESE	3	F	31	31	1	-	-	-																						



# STATION MODEL



6h Tuesday 1st January 1946

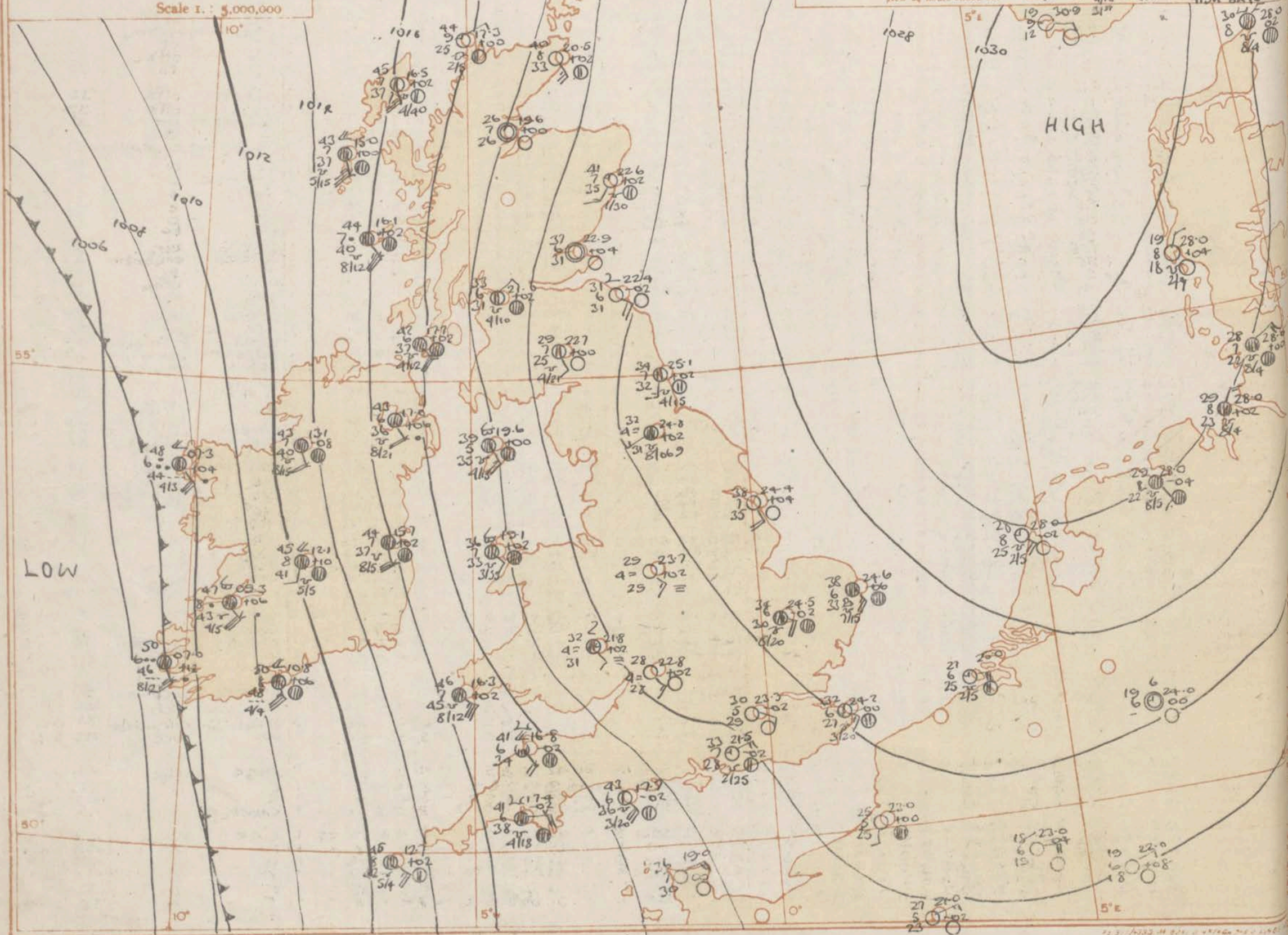
## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-23h 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	ofx	ofbf	off	36	30	17	Tr	0.1	0.0		
Croydon	ofx	ofbcuf	ofc	34	28	25	-	-	0.0	95	94
Greenwich	Fe	Fe	Fe	36	28	21	Tr	-	0.0	98	96
Westminster				39	31	29	-	-		98	91
Regents Park				37	30	24	-	-		96	79
Camden Square	0	0		37	30	23	Tr	-			87
Kensington	cf	cf		39	31	26	Tr	Tr		89	98
Hampstead	of	ofx	ox	36	29	23	-	-			92

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 5h. Max. 1 Time 11/12 Min. 0.1 Time 4/5h on 1st



The situation  
few days in  
where tem  
here will b  
extreme w  
cur in W  
An anticyc  
Clark's Pro  
Scale 1 : 5,000,000  
Isobars  
Arrows fly w  
at least one step  
Temperature is given  
Sky 7/10 to 9/10 cl  
Fog  
hour of observat  
wh  
ONTS or bounda  
not origin are ind  
are well pronounced  
W  
W  
Cold  
NOTE - The s  
When the fron



# GENERAL INFERENCE

The situation is favourable for mainly fair cold or very cold weather for a few days in much of Gt. Britain, more especially in the South East and Midlands where temperatures may remain below freezing for a good part of the day and night. There will be slight to keen frost at night in many areas. It will be less cold in extreme western districts of Gt. Britain and in Ireland. Occasional rain will occur in West Ireland at first.

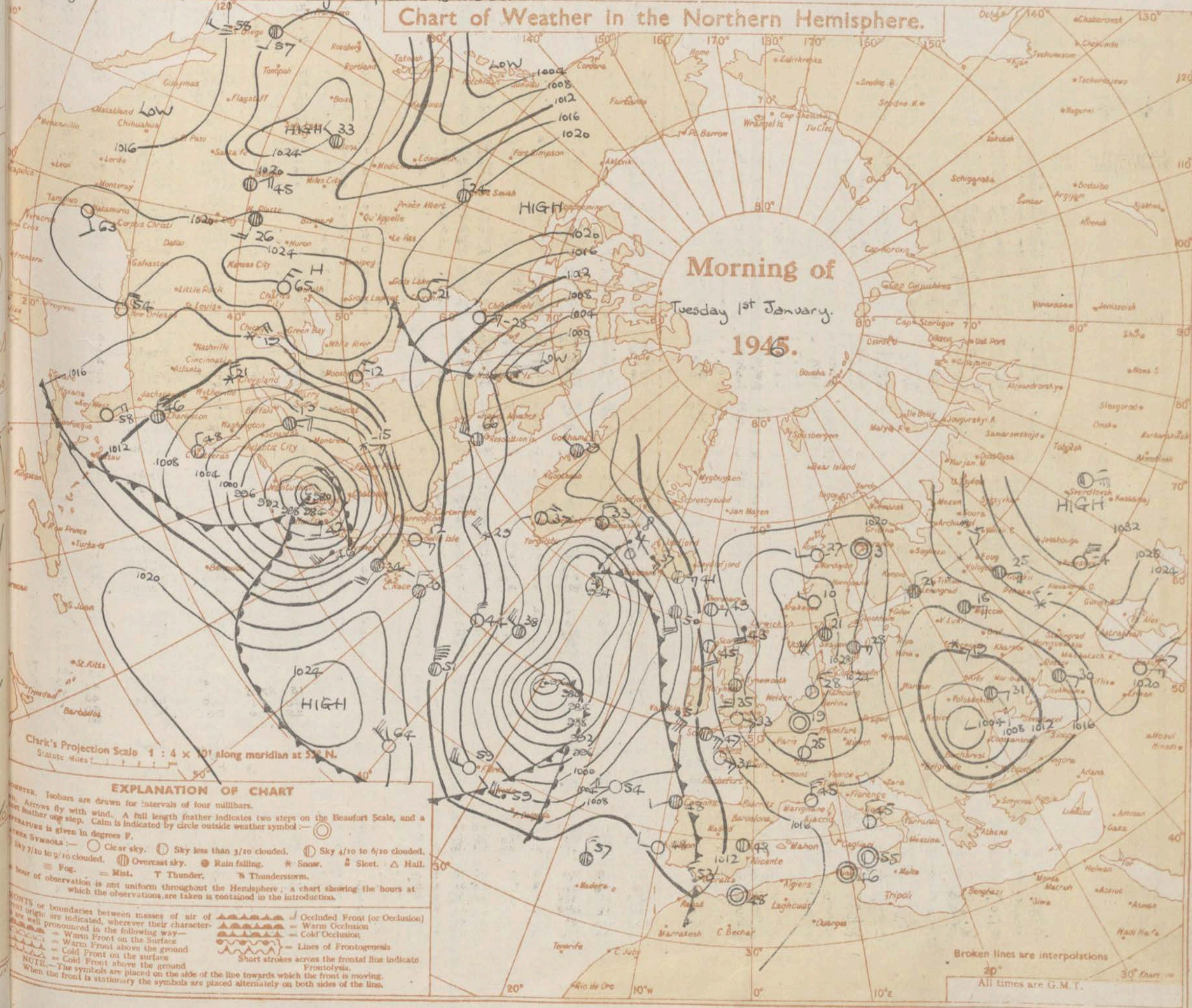
An anticyclone is centred over South Norway and pressure is low on the

Atlantic giving a southeast to south stream of air over the British Isles.

Further outlook.  
Little change.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 1st January.  
1945.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Tuesday 1<sup>st</sup> January 1941

No. 30721

OBSERVATIONS at 00hr. G.M.T. 1 <sup>st</sup> January																OBSERVATIONS at 06hr. G.M.T. 1 <sup>st</sup> January																OBSERVATIONS during NIGHT			
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (°F) (3)	Dew Point (°F) (4)	Visibility. (5)	Cloud.					Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (°F) (23)	Dew Point (°F) (24)	Visibility. (25)	Cloud.					State of Ground. (31)	Weather.		Temperature		Rain.			
					Dir.	Force.				Weather.	Form.	Amount.		Height of Base Hundreds of feet.			Dir.	Force.				Weather.	Form.	Amount.		Height of Base Hundreds of feet.		18h.-00h. (39)	00h.-06h. (40)	Min. (°F) (41)	Max. on Grass (°F) (42)				
												Low.	Med.											High.	Total.								A.	B.	Low.
1	Kew	16	23.3	0	ESE	3	32	32	5						23.3	-4	E	3	32	29	6	S					3	bfe, bmx	bbmx	30	17	0			
	Croydon	217	21.3	0	ESE	3	33	32	5						23.3	-2	ESE	2	30	29	5	S					3	bmx	bmx	28	25				
	Boscombe Down	417	21.1	-4	ESE	4	33	33	4						21.5	-4	NESE	4	31	30	5	S					3	bmx	bmx	29	25				
	Tangmere	53	21.9	+2	SE	4	33	34	7						21.5	-2	ENE	3	33	28	7	S					0	amb, bmx	bcb, cmo	32	*				
	Erstou																																		
	Lymington	341	24.1	-2	E	4	36	38	6						23.5	0	NESE	4	32	28	6	S					3	cm, bmx	bmx	26	26				
	Manston	140	24.4	-2	ESE	3	36	36	6						24.2	0	ESE	3	32	27	6	S					3	bmx	bmx	31	*				
	Wick	317	25.5	+8	SE	3	31	31	4						24.7	-4	ESE	3	33	30	6	S					3	of bmx	bmx	29	*				
	Woodbridge	91	25.3	+6	SE	2	37	31	6						25.1	-2	E	3	39	39	7	S					0	bmx	b, bc	36	30				
	Corlestone	5	25.1	+6	SE	4	40	38	6						24.6	-6	ESE	5	38	33	6	S					0	czo	czo						
	Mildenhall	15	24.4	+2	ESE	2	30	30	5						24.8	-2	ESE	4	34	30	6	S					1	Fbmx	bmx	29	21				
	Blunham	135	25.7	+6	SSE	3	33	33	6						25.8	-2	ESE	3	33	29	6	S					3	of bmx	bmx	26	24				
	Waddington	235	25.2	+10	S	3	33	33	6						24.6	-4	SE	3	30	29	5	S					3	of bmx	bmx	28	23				
	Cranfield	340	23.6	+2	E	3	32	32	3						23.5	-2	E	1	30	29	3	S					3	of bmx	bmx	29	27				
	Honiley	427	22.8	+2	ESE	3	33	33	2						23.0	-2	E	3	32	32	4						3	of bmx	bmx	29	27				
	Little Rissington	731	23.3	+2	ESE	0	31	31	1						22.8	+2	ESE	3	28	28	4						3	of bmx	bmx	24	20				
	Madley	270	21.3	-20	ESE	2	33	33	3						21.8	+2	SE	2	32	31	4						3	of bmx	bmx	31	28				
	Bristol	209	26.1	-6	ESE	4	41	41	4						20.4	0	ESE	4	35	31	6						1	bmx	bmx	32	28				
	Chivenor	20	16.8	0	ESE	4	34	34	4						16.8	-2	SESE	4	41	34	6						0	bmx	bmx	39	37				
	Yeovilton	50	19.5	-4	ESE	4	38	35	4						19.4	0	ESE	4	36	32	5						0	bmx	bmx	34	31				
	Portland Bill	32	18.9	0	ESE	4	46	46	4						17.7	-2	ESE	6	43	36	6	S					1	bmx	bmx	42	36				
	Exeter	100	18.0	-4	ESE	4	44	44	4						18.1	-4	SE	4	42	37	7	S					0	bmx	bmx	41	38				
	Plymouth	86	17.4	-4	ESE	4	44	44	4						17.4	-2	E	4	41	38	6	S					0	bmx	bmx	40	37				
	St. Eval	345	14.6	-6	ESE	4	45	45	4						15.3	-2	SE	3	41	36	6	S					0	bmx	bmx	40	37				
	Predannack	293	15.1	0	SE	6	45	45	4						14.8	-2	SE	6	43	35	8	S					1	bmx	bmx	37	*				
	Guernsey	340																																	
	Scilly, St. Marys	163	12.3	0	SE	5	47	47	8						12.7	+2	SESE	5	48	42	8	S					1	bmx	bmx	45	*				
	Fairwood	268	18.2	-2	ESE	6	39	33	6						18.3	-2	ESE	6	37	34	6	S					1	bmx	bmx	35	31				
	Pembroke	142	16.8	0	SE	7	44	44	6						16.3	+2	SE	7	46	45	7	S					0	bmx	bmx	41	33				
	Aberporth	425	16.8	-4	SE	4	39	34	4						17.8	+6	SESE	4	41	35	7	S					0	bmx	bmx	36	28				
	Penrhos	63	18.3	+2	ESE	5	40	34	4						18.6	0	ENE	8	39	34	7	S					0	bmx	bmx	37	28				
	Holyhead, Valley	32	18.7	+2	SE	4	40	40	4						19.1	+2	ESE	2	36	33	7	S					0	bmx	bmx	35	31				
	Hawarden	15	21.6	+2	SE	4	34	33	4						21.6	-2	SE	4	34	31	4	S					1	bmx	bmx	32	29				
	Manchester	230	22.3	+2	SE	3	33	33	4						22.6	0	SE	3	34	26	6	S					3	bmx	bmx	33	22				
	Carn	20																																	
	Crosby	164	22.2	+6	ENE	2	32	29	6						22.5	+4	ESE	3	32	28	6	S					3	bmx	bmx	35	*				
	Ashbourne	590	23.4	0	ESE	3	32	32	1						23.7	+2	ESE	3	29	29	4						3	bmx	bmx	28	26				
	Finningley	28	24.0	+2	SE	2	34	34	3						24.5	+2	SE	2	30	29	3						3	bmx	bmx	29	27				
	Spurn Head	29	24.1	0	SSE	4	38	38	4						24.4	+4	SE	4	38	35	7						0	bmx	bmx	36	29				
	Leeming	103	24.3	+6	S	3	33	33	4						24.8	+2	SW	3	32	31	4	S					1	bmx	bmx	31	29				
	Tynemouth	108	24.5	0	S	3	35	33	6						25.1	+2	S	3	34	32	7	S					1	bmx	bmx	32	30				
	Acklington	138	23.7	-2	SSW	2	34	32	6						24.4	+2	SE	2	30	29	6	S					3	bmx	bmx	29	27				
	St. Abb's Head	480	22.7	0	SE	4	33																												



OBSERVATIONS at 12h. G.M.T. 1<sup>st</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 1<sup>st</sup> January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 1st January.																	OBSERVATIONS at 18h. G.M.T. 1st January.																	OBSERVATIONS during DAY																
Station.	Barom. at 12h. inches	Change in 3 hours	Wind.		Temp. at 12h.	Dew Point at 12h.	Humidity	Cloud.			Temp. at 18h.	Dew Point at 18h.	Humidity	Cloud.			Temp. at 18h.	Dew Point at 18h.	Humidity	Weather.			Max. Temp. at 24h.	Sun- shine Hrs.	Rain at 24h. inches																									
			Dir.	Force.				Form.	Amount.	Height of Base in feet.				Form.	Amount.	Height of Base in feet.				06h.-12h.	12h.-18h.	18h.-24h.																												
																										Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.																
(For heights see p. 4.)	mb.		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	mb.	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)											
1 Kew	29.4	+2	E/S	3	30	28	65	-	-	-	29.8	+10	E/N	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Croydon	29.6	+2	E	3	30	27	65	-	-	-	29.7	+6	E	3	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Boscombe Down	22.6	+2	E/N	3	30	27	65	-	-	-	23.2	+4	E/N	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Tangmere	22.8	+2	E/N	3	30	27	65	-	-	-	23.5	+10	NE	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Friston																																																		
2 Lymington	24.8	+4	NE/E	4	30	28	65	-	-	-	24.6	+2	NE	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Manston	25.1	+2	ESE	4	30	27	65	-	-	-	25.3	+2	E/H	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Wetherfield	26.1	+2	SE	4	30	27	65	-	-	-	27.0	+2	E/S	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Woodbridge	26.2	+2	ESE	4	30	27	65	-	-	-	27.0	+6	E	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Corleston	26.6	+2	ESE	6	30	27	65	-	-	-	27.1	+2	NE/E	8	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
3 Mildenhall	25.8	+6	ESE	4	30	28	65	-	-	-	26.8	+6	E/N	5	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Langham	26.3	+6	ESE	4	30	27	65	-	-	-	28.0	+6	ESE	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Waddington	26.3	+6	SE	4	30	27	65	-	-	-	27.3	+6	SE	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Cranfield	24.8	+4	E	4	30	27	65	-	-	-	25.7	+6	NE/E	4	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Honiley	24.2	+6	E	5	30	27	65	-	-	-	25.7	+12	E	3	20	27	6	-	-	-	30	27	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
4 Little Rissington	29.4	+10	E	3	30	28	65	-	-	-	29.8	+6	E	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Madley	23.8	+10	SE/E	3	30	28	65	-	-	-	24.7	+12	ESE	2	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
5 Bristol	22.1	+4	ESE	3	30	28	65	-	-	-	23.4	+8	ESE	3	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Chivenor	18.7	+10	ESE	4	30	28	65	-	-	-	19.8	+12	ESE	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Yeovilton	20.8	+8	E/S	4	30	28	65	-	-	-	22.2	+14	ESE	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
6 Portland Bill	15.4	+4	E	6	30	28	65	-	-	-	20.0	+6	ESE	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Exeter	19.5	+8	ESE	3	30	28	65	-	-	-	20.7	+12	ESE	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Plymouth	18.4	+4	SE	4	30	28	65	-	-	-	17.4	+6	ESE	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
St. Eval	16.1	-2	SE	4	30	28	65	-	-	-	17.4	+6	ESE	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Frednack	16.3	+12	ESE	4	30	28	65	-	-	-	16.1	+8	SE	5	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Guernsey	18.2	+6	E	5	30	28	65	-	-	-	19.1	+14	ESE	4	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
7 Scilly, St. Marys	13.5	+12	SE/E	5	30	28	65	-	-	-	14.9	+10	E/S	5	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Fairwood	20.4	+10	ESE	6	30	28	65	-	-	-	21.5	+12	E/S	6	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Pembroke	18.3	+20	ESE	7	30	28	65	-	-	-	18.9	+4	ESE	7	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Aberporth	19.0	+14	S	6	30	28	65	-	-	-	21.3	+14	ESE	3	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Penrhos	20.2	+10	ESE	4	30	28	65	-	-	-	21.9	+12	ESE	3	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
8 Holyhead, Valley	20.8	+10	E	2	30	28	65	-	-	-	22.5	+10	ESE	2	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Hawarden	24.0	+8	E	5	30	28	65	-	-	-	25.7	+12	SE	3	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Manchester	25.0	+10	ESE	4	30	28	65	-	-	-	26.2	+12	EN	2	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
Squires Gate																																																		
Crosby	24.5	+8	SE	3	30	28	65	-	-	-	26.3	+6	SSE	1	20	28	6	-	-	-	30	28	6	-	-	-	3	bcmo	C2o2o	35	13	Tr																		
9 Ashbourne	25.6	+6	ESE	5	30	28																																												







Pressure is high over South Scandinavia and a ridge of high pressure extends across the British Isles. It will be mainly fair but very cold in most districts.

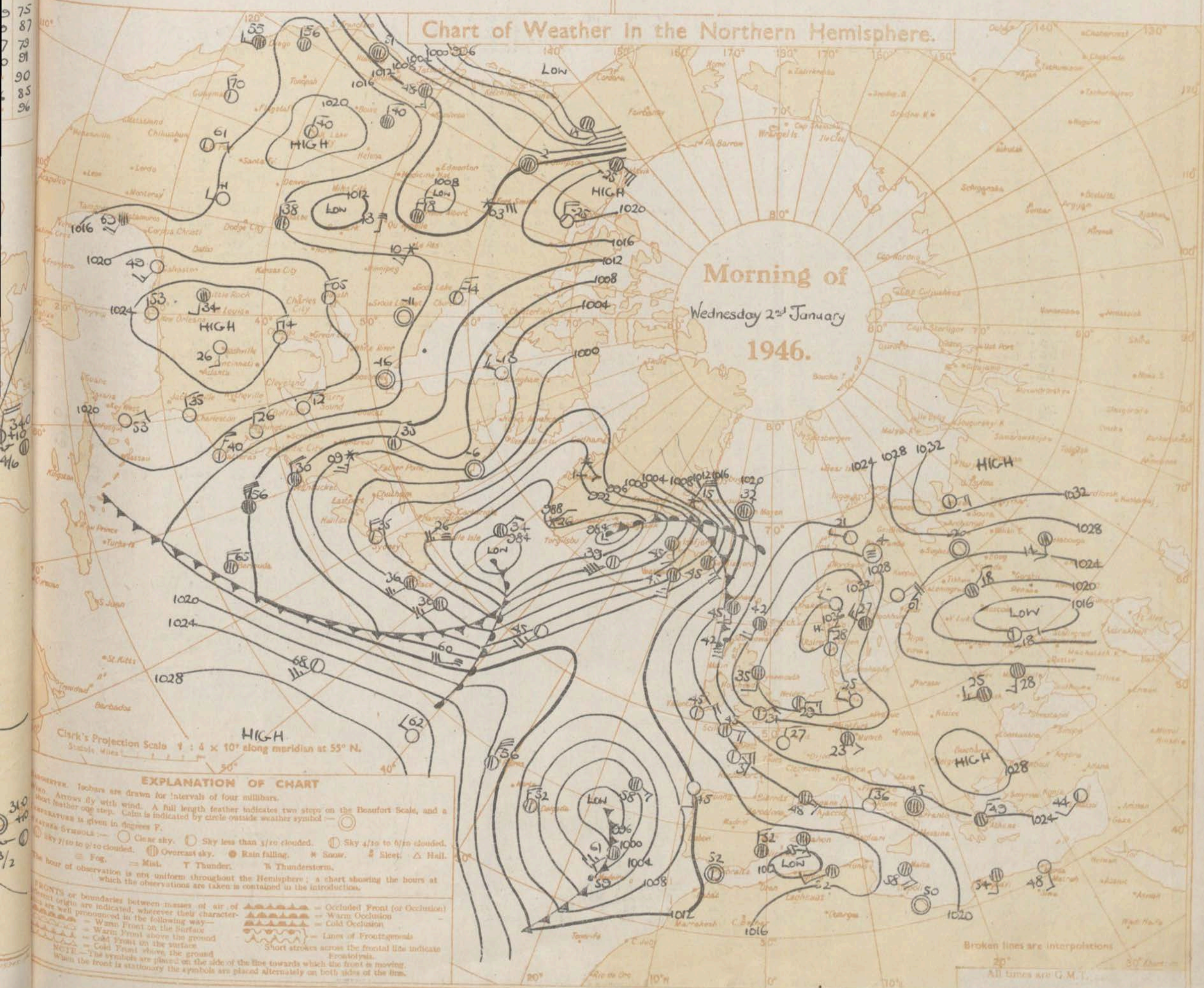
Little change.

# GENERAL INFERENCE

# FURTHER OUTLOOK

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 2<sup>nd</sup> January  
1946.



Clark's Projection Scale 1 : 4 x 10<sup>4</sup> along meridian at 55° N.  
Scale Miles

### EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
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.  
Sky Symbols: ○ Clear sky. ○ Sky less than 1/10 clouded. ○ Sky 1/10 to 2/10 clouded. ○ Sky 2/10 to 3/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. \* Sleet. △ Hail.  
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  
— Cold Front on the surface  
— Cold Front above the ground  
— Warm Front above the ground  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.  
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.

Broken lines are interpolations

All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday 2<sup>nd</sup> January 1940  
No. 30722.

OBSERVATIONS at 00hr. G.M.T. 2 <sup>nd</sup> January																OBSERVATIONS at 06hr. G.M.T. 2 <sup>nd</sup> January																OBSERVATIONS during NIGHT				
District.	Stations.	Height above M.S.L. in feet.	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.					State of Ground.	Weather.		Temperature				
					Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.	A.	B.			C.	A.					B.	C.	Form.	Amount.	Height of Base Hundreds of feet.		A.	B.	C.	28h-00h.	00h-06h.	Min. °F.	Min. on G.M.S. °F.
1	Kew	16	28.4	+1.8	E/N	3	33	33	33	6						29.7	+1.6	E/N	4	30	34	26	6	5						3	c2x	c2x	32	27		
	Croydon	217	28.4	+1.2	E/N	4	33	33	33	6						29.8	+1.4	E	3	30	30	27	6	5						3	b2x	b2x	29	26		
	Boscombe Down	417	26.4	+1.0	E/N	4	33	33	33	6						28.9	+1.0	E	3	30	27	25	9	1						3	b2x	b2x	28	21		
	Tangmere	53	26.4	+1.0	ENE	4	33	33	33	6						28.3	+1.8	NE	3	30	28	28	6	1						3	b2x	b2x	27	24		
	Friston																																			
	Lymington	341	27.9	+1.4	E/N	4	33	33	33	6						29.5	+1.8	NE	4	30	30	29	7	5						3	b2x	b2x	29	26		
	Manston	140	28.7	+1.4	E	4	33	33	33	6						30.3	+1.8	E	4	30	32	29	6	5						3	b2x	b2x	30	27		
	Wetherfield	317	29.9	+1.0	ESE	4	33	33	33	6						31.8	+1.0	ESE	4	30	31	31	7	5						3	b2x	b2x	30	27		
	Woodbridge	91	29.8	+1.2	E	4	33	33	33	6						31.7	+1.6	E	2	30	32	23	8	5						3	b2x	b2x	31	28		
	Corleston	3	29.9	+2.6	E	4	33	33	33	6						31.3	+1.6	E/N	4	30	35	31	7	5						3	b2x	b2x	34	32		
	Mildenhall	13	29.6	+1.0	E/S	3	33	33	33	6						31.7	+1.8	ESE	3	30	32	27	8	5						3	b2x	b2x	31	31		
	Langham	135	31.0	+1.4	ESE	4	33	33	33	6						32.5	+1.6	ESE	4	30	32	25	7	5						3	b2x	b2x	32	30		
	Waddington	235	30.2	+1.2	SE	3	33	33	33	6						31.8	+1.4	SE	2	30	32	28	6	5						3	b2x	b2x	32	30		
	Cranfield	340	28.6	+1.2	E	4	33	33	33	6						30.3	+1.4	E	4	30	31	29	6	5						3	b2x	b2x	30	27		
	Honiley	427	28.8	+1.2	E	4	33	33	33	6						30.8	+1.6	E	4	30	30	23	6	5						3	b2x	b2x	31	29		
	Little Risington	731	28.1	+1.4	E	3	33	33	33	6						30.2	+1.8	ESE	3	30	29	25	7	5						3	b2x	b2x	27	23		
	Madley	270	28.5	+1.6	ENE	3	33	33	33	6						30.5	+1.6	NE	1	30	30	29	6	5						3	b2x	b2x	28	28		
	Bristol	209	27.0	+1.8	ENE	2	33	33	33	6						29.2	+1.6	E	2	30	27	25	5	1						3	b2x	b2x	25	17		
	Chivenor	20	24.5	+2.2	SE	3	33	33	33	6						26.5	+1.2	ESE	3	30	32	28	6	5						3	b2x	b2x	30	24		
	Yeovilton	50	28.5	+1.4	ENE	3	33	33	33	6						27.9	+1.8	ENE	3	30	29	24	5	1						3	b2x	b2x	27	24		
	Portland Bill	33	22.9	+1.2	NE	3	33	33	33	6						25.4	+1.6	NE	3	30	39	36	6	5						3	b2x	b2x	34	28		
	Exeter	100	24.6	+1.6	NE	3	33	33	33	6						27.1	+1.8	E/N	3	30	30	27	6	5						3	b2x	b2x	29	23		
	Plymouth	86	28.3	+1.8	NE	3	33	33	33	6						28.3	+1.8	E	4	30	38	36	6	5						3	b2x	b2x	34	31		
	St. Eval	343	22.1	+2.0	ESE	3	33	33	33	6						24.7	+1.4	E	4	30	35	32	5	1						3	b2x	b2x	34	27		
	Predannack	403	20.9	+1.8	E	3	33	33	33	6						23.2	+1.0	E/S	6	30	32	33	7	5						3	b2x	b2x	34	27		
	Guernsey	340	22.3	+1.8	E	3	33	33	33	6						24.4	+1.6	E	5	30	35	30	7	5						3	b2x	b2x	34	27		
	Scilly, St. Marys	163	12.8	+2.4	ESE	3	33	33	33	6						22.2	+1.4	ESE	5	30	44	40	8	8						3	b2x	b2x	42	23		
	Fairwood	208	26.2	+2.4	E	3	33	33	33	6						28.2	+1.6	E	5	30	31	26	6	5						3	b2x	b2x	30	23		
	Pembroke	142	19.3	+1.0	ESE	7	33	33	33	6						26.0	+1.6	E/S	7	30	37	34	6	5						3	b2x	b2x	31	23		
	Aberporth	425	26.1	+2.8	SE	4	33	33	33	6						28.0	+1.8	SE	3	30	29	26	7	5						3	b2x	b2x	28	21		
	Penrhos	63														27.1	+1.0	E	3	30	30	24	8	1						3	b2x	b2x	27	26		
	Holyhead, Valley	32	26.1	+1.4	ENE	2	33	33	33	6						28.2	+1.8	ENE	3	30	27	23	7	5						3	b2x	b2x	26	20		
	Hawarden	15	29.5	+1.6	SE	4	33	33	33	6						31.1	+1.4	SE	4	30	31	26	7	5						3	b2x	b2x	30	27		
	Manchester	230	29.7	+1.8	ESE	2	33	33	33	6						31.4	+1.6	SE	2	30	30	27	6	5						3	b2x	b2x	30	27		
	Squires Gate	33																												3	b2x	b2x	26	16		
	Crosby	104	29.8	+1.2	SE	1	33	33	33	6						31.3	+1.6	E	1	30	28	25	7	5						3	b2x	b2x	26	16		
	Ashbourne	590	29.8	+1.2	ESE	4	33	33	33	6						31.4	+1.6	ESE	4	30	29	25	6	5						3	b2x	b2x	28	28		
	Finningley	28	30.4	+1.4	NE	1	33	33	33	6						32.1	+1.6	ESE	1</																	

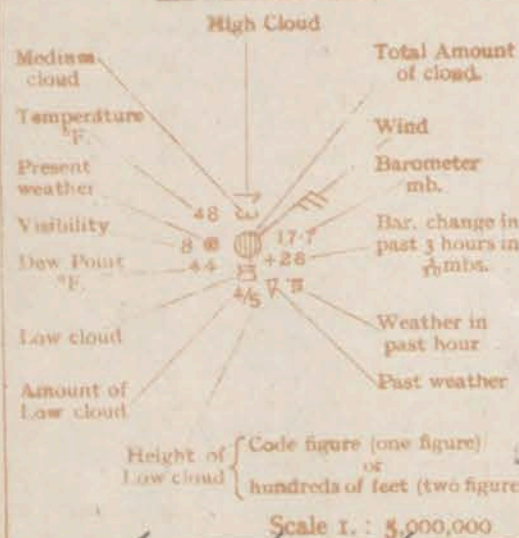


## OBSERVATIONS during DAY

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



## STATION MODEL



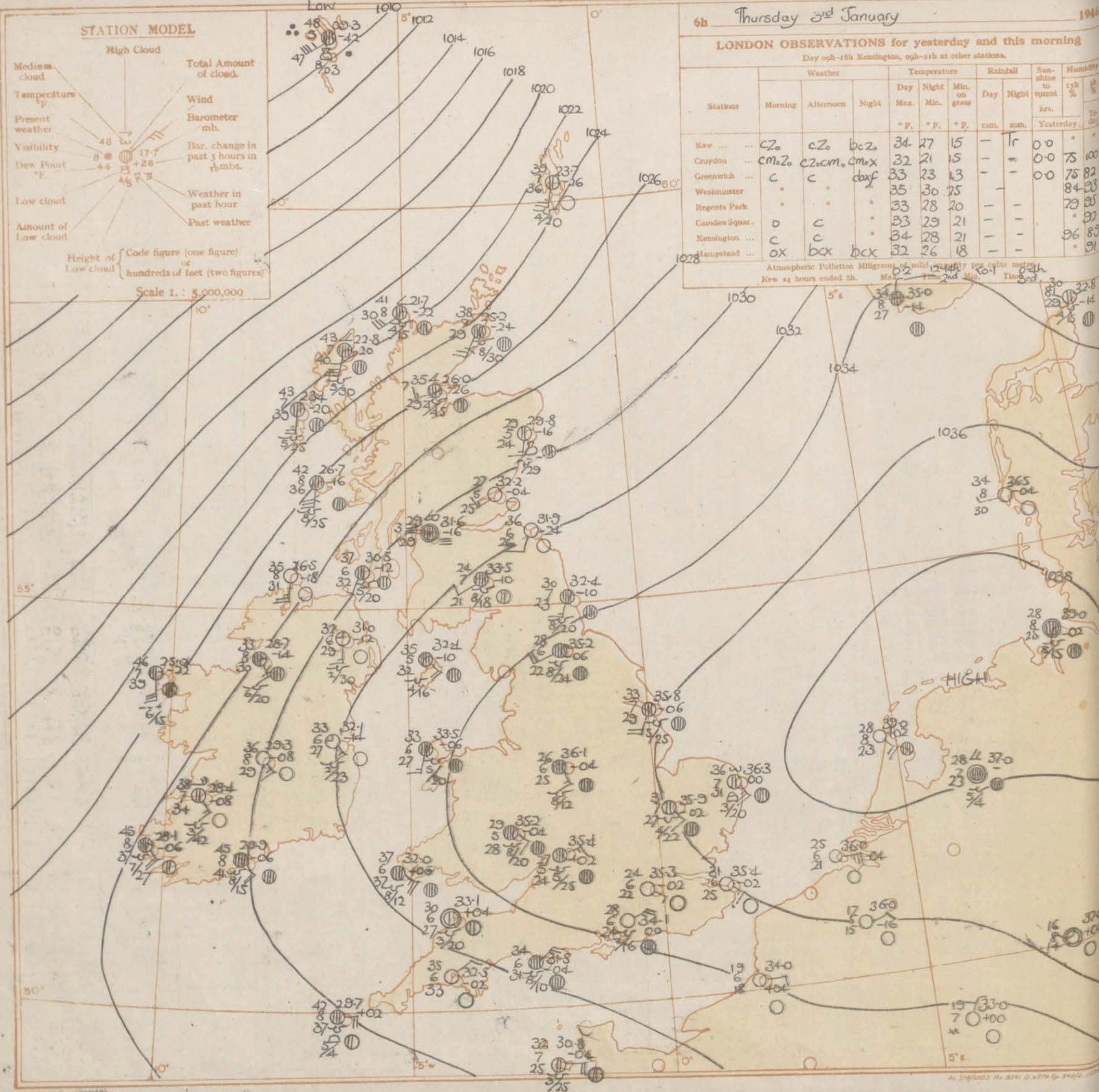
6h Thursday 3rd January

1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		1st	2nd
Kew ...	c2.	c2.	bc2.	34	27	15	-	1r	0.0	75	100
Croydon ...	cm.2.	c2.cm.	cm.x	32	21	15	-	-	0.0	75	100
Greenwich ...	c	c	bcx	33	23	13	-	-	0.0	75	82
Westminster	.	.	.	35	30	25	-	-	-	79	95
Regents Park	.	.	.	33	28	20	-	-	-	79	95
Camden Squar.	o	c	.	33	29	21	-	-	-	96	89
Kensington ...	c	c	.	34	28	21	-	-	-	96	89
Hampstead ...	ox	bcx	bcx	32	26	18	-	-	-	91	91

Atmospheric Pollution Milligrams of solid material per cubic metre  
Kew 24 hours ended 5h. Max. Time 2nd Min. Time 3rd

The anticyclone  
a trough  
There will be  
spreading  
Temperature  
with severe

Barometer, Isobars  
Wind, Arrows fly  
short feather on  
TEMPERATURE is given  
WEATHER SYMBOLS  
Sky 7/10 to 9/10  
The hour of observation  
FRONTS or boundaries  
different origin are in  
lines are well pronounced  
W = Warm  
C = Cold  
Co = Cold  
NOTE: The  
When the front



GENERAL INFERENCE

The anticyclone over north-west Germany is moving south slowly, while a trough of low pressure is approaching western Scotland and Ireland. There will be strong winds or gales in the North and Northwest with rain spreading from the West. In the South and Southeast it will remain fair. Temperature will rise in the Northwest and North, but it will remain cold elsewhere with severe frost at night over much of England and Wales.

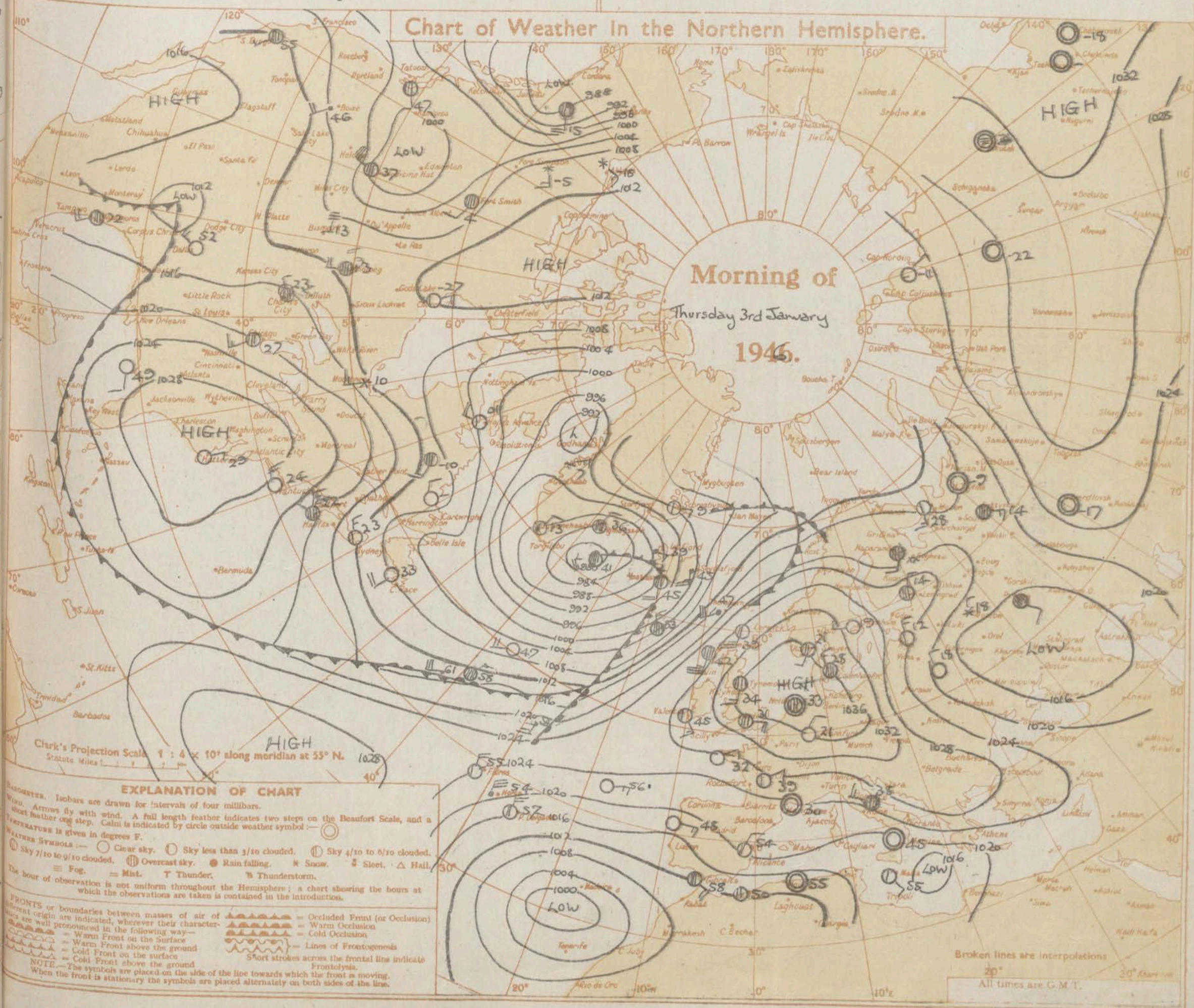
FURTHER OUTLOOK

Little change.

↓ Gale warning in operation in districts 13A, 15, 16, 17, 18. issued at 0758h. 2nd Jan.  
↓ .. .. . 13B, issued at 0405h. 3rd Jan.

Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 3rd January  
1946.



EXPLANATION OF CHART

**ISOBARS.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS** — ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. \* Sleet. △ Hail.  
= Fog. = Mist. T Thunder. B 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  
**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.




Broken lines are interpolations

All times are G.M.T.



Thursday 3rd January 1940  
No. 30723

OBSERVATIONS at 06hr. G.M.T. 3rd January																	OBSERVATIONS at 06hr. G.M.T. 3rd January																	OBSERVATIONS during 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.					Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.			Temp.	Dew Point.	Visibility.	Cloud.					Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Weather.			Temperature		Rain.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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0 = Nil      2 =       4 =       6 =       8 = Completely covered.  
1 = Trace    3 =       5 =       7 = More than 9 but with openings.      9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.  
A = Lowest cloud present.  
B = Next lowest cloud.

\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.

0 = Nil  
1 = Trace



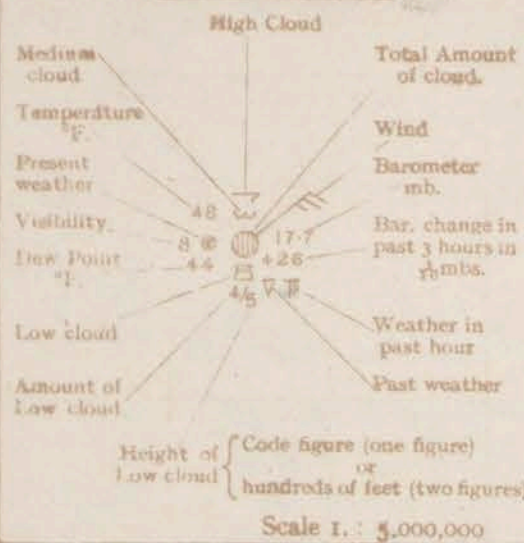
## OBSERVATIONS during DAY

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 15, 16, 17, 18, 19, 20).

0 = Nil	2 = $\frac{1}{2}$	4 = $\frac{1}{2}$	6 = $\frac{1}{2}$	8 = Completely covered.
1 = Trace	3 = $\frac{1}{2}$	5 = $\frac{1}{2}$	7 = More than 9 but with openings.	9 = Sky obscured by fog, etc.



## STATION MODEL

6h Friday 4<sup>th</sup> January

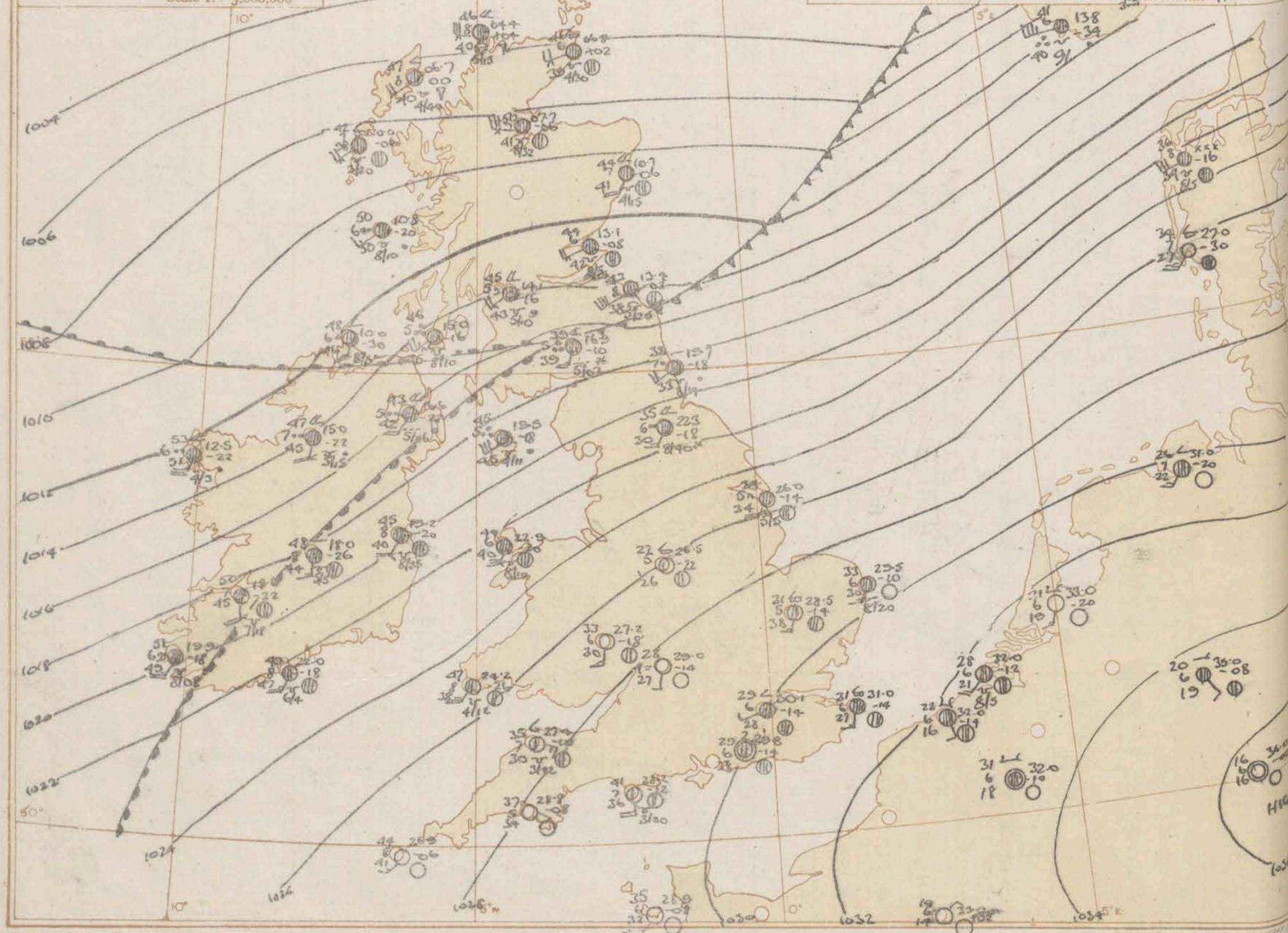
## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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 mm.	Night mm.		
Kew	C/bn x	bccbf x	bPa	33	25	15	T	T	4.9	
Croydon	bm x	btzcf	bef x	35	26	23	-	-	4.2	78
Greenwich	bm x	bmjcbf	bcaf	34	23	10	-	-	5.1	79
Westminster				35	20	24	-	-	8.2	
Regents Park				33	29	20	-	-	8.4	
Cannden Square	C	C		33	28	19	-	-		83
Kensington	bc	bc		34	27	20	-	-		83
Hamstead	bcofx	bca	bca	32	29	20	-	-		

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 5h, Max. 1.1 Time 2 1/2 min 401 Time 9 1/2 4



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# GENERAL INFERENCE

A depression will move northeast between Scotland and Iceland, and associated troughs will cross our northern and western districts giving gale force winds at times in these areas. Rain in Scotland will be followed by showery conditions later. Occasional rain will also occur in North England and Ireland but further south it will be fair today, and fair conditions are expected for most of tomorrow in the Southeast. It will be mild in the North and it will become less cold in the South.

# FURTHER OUTLOOK

Showery in the North; cloudy with occasional rain in the South, perhaps improving later.

▼ Gale warning in operation in districts 7, 8, 9, 10, 11, 12, 13A, 13B, 14, 15, 16, 17, 18, and 20 (part of). Issued at 0405, 1135, 1915, 2300, 2340 G.M.T. 3rd Jan. 1946.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 4th January,  
1946.

## EXPLANATION OF CHART.

**ISOBARS.** Isobars are drawn for intervals of four millibars.  
**WIND.** Across 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.** Is given in degrees F.  
**WEATHER SYMBOLS.** — Clear sky. — Sky less than 3/10 clouded. — Sky 3/10 to 5/10 clouded. — Sky 5/10 to 9/10 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.  
**FRONTS.** 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.  
**FRONTAL ORIGIN.** Fronts are indicated, wherever they character, as 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.

Broken lines are interpolations  
20°  
All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday 4th January 1946  
No. 30724

## OBSERVATIONS at 00hr. G.M.T. 4th January

## OBSERVATIONS at 06hr. G.M.T. 4th January

## OBSERVATIONS during NIGHT

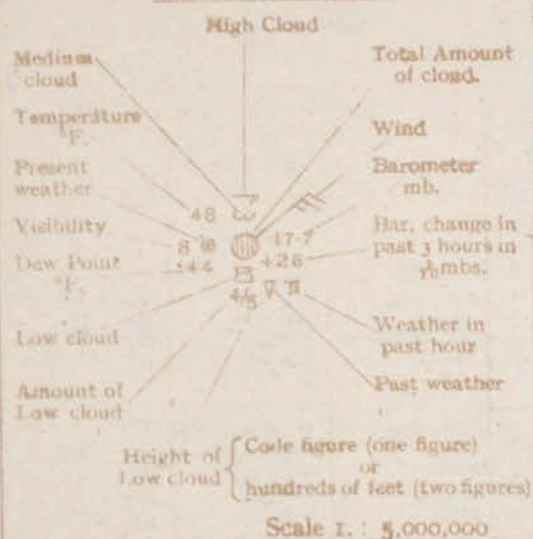
District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.				State of Ground.	Weather.		Temperature.		Rain.														
					Dir.	Force.				Low.	Med.	High.	Total.			A.	B.				Dir.	Force.	Low.	Med.		High.	Total.	A.	B.		18h.-00h.	00h.-06h.	Min. °F.	Max. °F.										
																																			Form.	Amount.	Height of Base Hundreds of feet.	Form.	Amount.	Height of Base Hundreds of feet.	18h.-00h.	00h.-06h.	Min. °F.	Max. °F.
1	Kew	16	31.8	-10	SE	2	27	27	6	0	0	0	0	31.8	-14	SSW	1	Mo	30	26	6	5	0	0	31	-3	bfx	bfx	25	15	Tr													
	Croydon	217	32.5	-10	SE	2	29	27	5	0	0	0	0	30.1	-14	WS	1	Mo	29	28	6	1	0	0	31	-3	bfx	bfx	26	23														
	Boscombe Down	417	32.7	-10	SE	3	27	25	5	0	0	0	0	29.3	-14	SES	2	Mo	26	25	5	1	0	0	31	-3	bfx	bfx	26	19														
	Tangmere	53	31.8	-10	NE	1	30	27	6	0	0	0	0	29.8	-14		0	Mo	29	28	6	1	0	0	31	-3	bfx	bfx	26	16														
	Friston																																											
	Lymington	341	33.7	-14	NE	3	20	25	6	0	0	0	0	31.1	-14	S	3	bfx	33	29	7	1	0	0	31	-3	bfx	bfx	25	19														
	Manston	140	33.4	-6	SE	3	29	26	5	0	0	0	0	31.0	-14	S	3	Mo	31	27	6	1	0	0	31	-3	bfx	bfx	27															
	Wetherfield	517	33.4	+16	SSW	2	28	26	5	0	0	0	0	30.4	-18	SSW	2	Mo	29	28	5	1	0	0	31	-3	bfx	bfx	27															
	Woodbridge	91	33.2	-6	SW	2	32	27	6	0	0	0	0	30.3	-18	SW	2	Mo	33	27	6	1	0	0	31	-3	bfx	bfx	31	25														
	Orleston	5	32.8	-16	SW	3	34	31	6	0	0	0	0	29.5	-10	SSW	3	Mo	33	30	6	5	0	0	31	-3	bfx	bfx	31	23														
	Mildenhall	15	31.5	-18	S	3	31	28	6	0	0	0	0	28.5	-14	SW	3	Mo	31	28	5	1	0	0	31	-3	bfx	bfx	25	22														
	Elmham	258	31.8	-16	SE	4	30	30	6	0	0	0	0	28.2	-18	S	4	Mo	30	27	6	1	0	0	31	-3	bfx	bfx	28	21														
	Waddington	235	32.4	-20	SW	2	29	25	4	0	0	0	0	26.6	-22	SW	4	Mo	32	28	5	1	0	0	31	-3	bfx	bfx	25	15														
	Cranfield	340	32.3	-18	SSW	2	25	24	2	0	0	0	0	28.4	-18	SW	4	Mo	28	26	4	1	0	0	31	-3	bfx	bfx	22	20														
	Honiley	427	31.2	-20	S	3	27	23	4	0	0	0	0	27.0	-24	S	4	bfx	31	28	3	1	0	0	31	-3	bfx	bfx	24	18														
	Little Rissington	731	31.8	-22	S	1	25	23	4	0	0	0	0	29.0	-14	S	2	Mo	28	27	4	1	0	0	31	-3	bfx	bfx	27	25														
	Madley	270	30.8	-28	SE	2	30	28	5	0	0	0	0	27.2	-18	S	3	Mo	33	30	6	1	0	0	31	-3	bfx	bfx	25	20														
	Bristol	209	31.6	-14	E	1	Mo	27	26	5	1	0	0	28.7	-14	SE	3	Mo	35	30	6	1	0	0	31	-3	bfx	bfx	25	20														
	Chivenor	20	29.6	-10	ESE	3	Mo	31	29	6	5	1	0	27.4	-10	ES	3	bfx	35	30	7	5	0	0	31	-3	bfx	bfx	25	20														
	Yeovilton	50	30.6	-12	SE	2	Mo	26	26	4	1	0	0	28.4	-16	SE	3	Mo	27	24	4	1	0	0	31	-3	bfx	bfx	25	20														
	Portland Bill	39	29.3	-10	ESE	5	bfx	43	33	7	1	0	0	28.2	-12	S	4	bfx	41	36	7	5	0	0	31	-3	bfx	bfx	38	21														
	Exeter	100	30.5	-8	NW	1	bfx	28	27	3	1	0	0	28.1	-14	SE	1	bfx	25	24	2	1	0	0	31	-3	bfx	bfx	33	25														
	Plymouth	86	30.8	-8	E	1	Mo	35	31	5	1	0	0	28.8	-8	ESE	1	Mo	37	34	5	1	0	0	31	-3	bfx	bfx	33	25														
	St. Eval	345	30.8	-6	SE	4	Mo	36	30	5	1	0	0	27.7	-4	SSW	3	Mo	37	32	5	1	0	0	31	-3	bfx	bfx	33	25														
	Trerinnack	403	30.9	0	SE	3	Mo	38	30	5	1	0	0	27.9	-6	S	3	Mo	37	32	5	1	0	0	31	-3	bfx	bfx	33	24														
	Guernsey	340	30.7	-12	SE	3	Mo	35	30	5	1	0	0	28.9	-8	SSW	3	Mo	35	30	5	1	0	0	31	-3	bfx	bfx	33	24														
	Scilly, St. Marys	163	28.9	-2	SE	3	Mo	43	38	5	1	0	0	26.9	-6	SSW	3	Mo	44	41	5	1	0	0	31	-3	bfx	bfx	41	25														
	Fairwood	208	30.5	-10	ESE	3	Mo	34	31	5	1	0	0	27.2	-12	S	3	Mo	39	33	5	1	0	0	31	-3	bfx	bfx	33	25														
	Pembroke	142	28.7	-10	S	5	Mo	44	41	5	1	0	0	24.2	-26	SSW	6	Mo	47	38	5	1	0	0	31	-3	bfx	bfx	33	30														
	Aberporth	443	28.0	-18	SSW	3	Mo	34	34	6	1	0	0	24.9	-14	SW	4	Mo	39	35	5	1	0	0	31	-3	bfx	bfx	46	31														
	Pearthos	63											24.2	-18	SSW	5	Mo	42	38	7	5	0	0	31	-3	bfx	bfx	46	31															
	Holyhead, Valley	32	26.3	-12	S	7	Mo	41	39	6	5	1	0	22.9	-20	SSW	6	Mo	44	40	6	5	0	0	31	-3	bfx	bfx	39	38														
	Hawarden	15	28.3	-16	SE	4	Mo	32	27	5	1	0	0	24.2	-22	SE	2	Mo	32	29	5	1	0	0	31	-3	bfx	bfx	29	24														
	Manchester	230	28.6	-14	SE	4	Mo	31	27	5	1	0	0	24.7	-24	SE	4	Mo	33	27	5	1	0	0	31	-3	bfx	bfx	29	24														
	Squires Gate	33																																										
	Crosby	104	28.4	-26	E	5	Mo	32	31	6	5	1	0	19.2	-10	S	4	Mo	38	38	5	1	0	0	31	-3	bfx	bfx	29	29	0.1													
	Ashbourne	590	30.5	-18	SE	2	Mo	26	25	5	1	0	0	26.5	-22	SW	1	Mo	27	26	5	1	0	0	31	-3	bfx	bfx	25	18														
	Finningley	28	29.3	-16	SSW	3	Mo	20	26	4	1	0	0	24.6	-26	SSW	4	Mo	32	29	5	1	0	0	31	-3	bfx	bfx	29	27														
	Spurn Head	29	30.4	-8	SSW	5	Mo	32	26	6	5	1	0	26.0	-14	SSW	6	Mo	34	34	5	1	0	0	31	-3	bfx	bfx	31	28														
	Leeming	103	27.2	-12	S	4	Mo	31	30	4	1	0	0	22.3	-18	SW	3	Mo	35	30	6	1	0	0	31	-3	bfx	bfx	30	28														
	Tynemouth	108	24.8	-24	SW	4	Mo	35	26	6	5	1	0	19.7	-18	SW	4	Mo	38	33	7	5	0	0	31	-3	bfx	bfx	27	28														
	Acklington	138	22.1	-26	SW	5	Mo	36	30	6	5	1	0	17.3	-24	SW	3	Mo	40	35	7	1	0	0	31	-3	bfx	bfx	31	22														
	St. Abb's Head	280	16.5	-12	SW	8	Mo	36	33	6	5	1	0	13.4	-2	SW	8	Mo	43	38	8																							



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



## STATION MODEL



6th Saturday 5th January

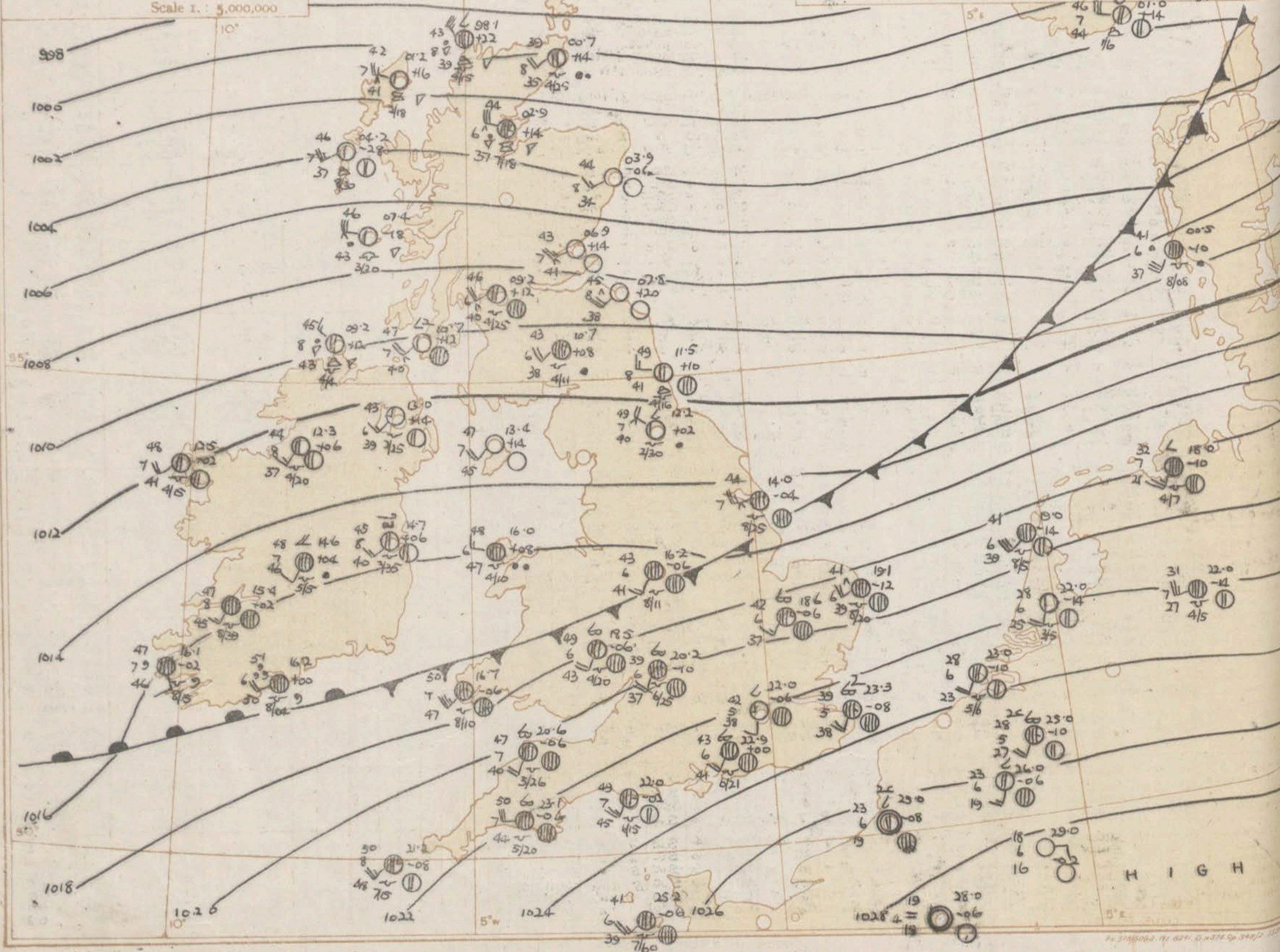
1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		Yesterday	To-day
Kew	crxm	co	cn/20	40	40		-	-	1.1		
Croydon	cm	cm/20	cm/20	41	41		-	-	1.2	78	90
Greenwich	mbe	accy	cbec	40	37	32	-	-	0.6	59	79
Westminster				46	34	33	-	-		79	84
Regents Park				45	38	34	-	-		69	84
Camden Square	c	c		38	36	26	-	-			95
Kensington	baxe	cbx		41	38	32	-	Tr		72	84
Hampstead	bc	o	od	39	36	29	-	Tr			89

Atmospheric Pollution: Milligrams of solid impurity per cubic metre  
 Kew 24 hours ended 5h. Max. 0.4 Time 10.15h Min. 0.1 Time 5h





## GENERAL INFERENCE

Pressure is low to the north and northwest and high to the southeast of the British Isles. Weather will be fair and rather mild in the South. There will be local slight rain or drizzle in Wales, the northern half of England and in Ireland and it will be rather mild. There will be bright intervals and showers in Scotland, with local hail in the North, and it will be rather cold.

## FURTHER OUTLOOK

Showers in the West and North; fair in the Southeast.

↓ Gale warning in operation in districts 13915 (part of) and 16. Issued at 0405h 3rd Jan. 1946.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 5th January  
1946.

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars. 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 is given in degrees F. Sky 7/10 to 9/10 cloudy. 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  
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.

— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.




Broken lines are interpolations

All times are G.M.T.



9 h. OBSERVATIONS during NIGHT

\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.

0 = Nil      2 =       4 =       6 =       8 = Completely covered.  
1 = Trace      3 =       5 =       7 = More than 6 but with openings.      9 = Sky obscured by fog, etc.

A = Lowest cloud present.  
B = Next lowest cloud.



OBSERVATIONS at 12h. G.M.T. 5th January

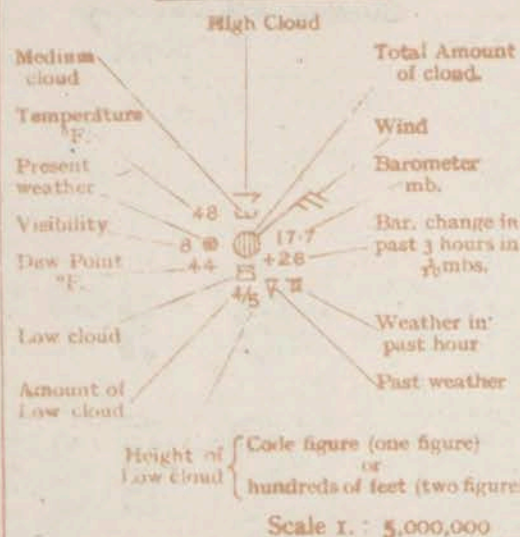
OBSERVATIONS at 18h. G.M.T. 5th January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 5th January																	OBSERVATIONS at 18h. G.M.T. 5th January																	OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Station	Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		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Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point	Visib.	Cloud.				Barom. at M.S.L.	Change in 3 hours	Wind.		Weather.	Temp.	Dew Point



# STATION MODEL



6h

Sunday 6th January, 1946

## LONDON OBSERVATIONS for yesterday and this morning

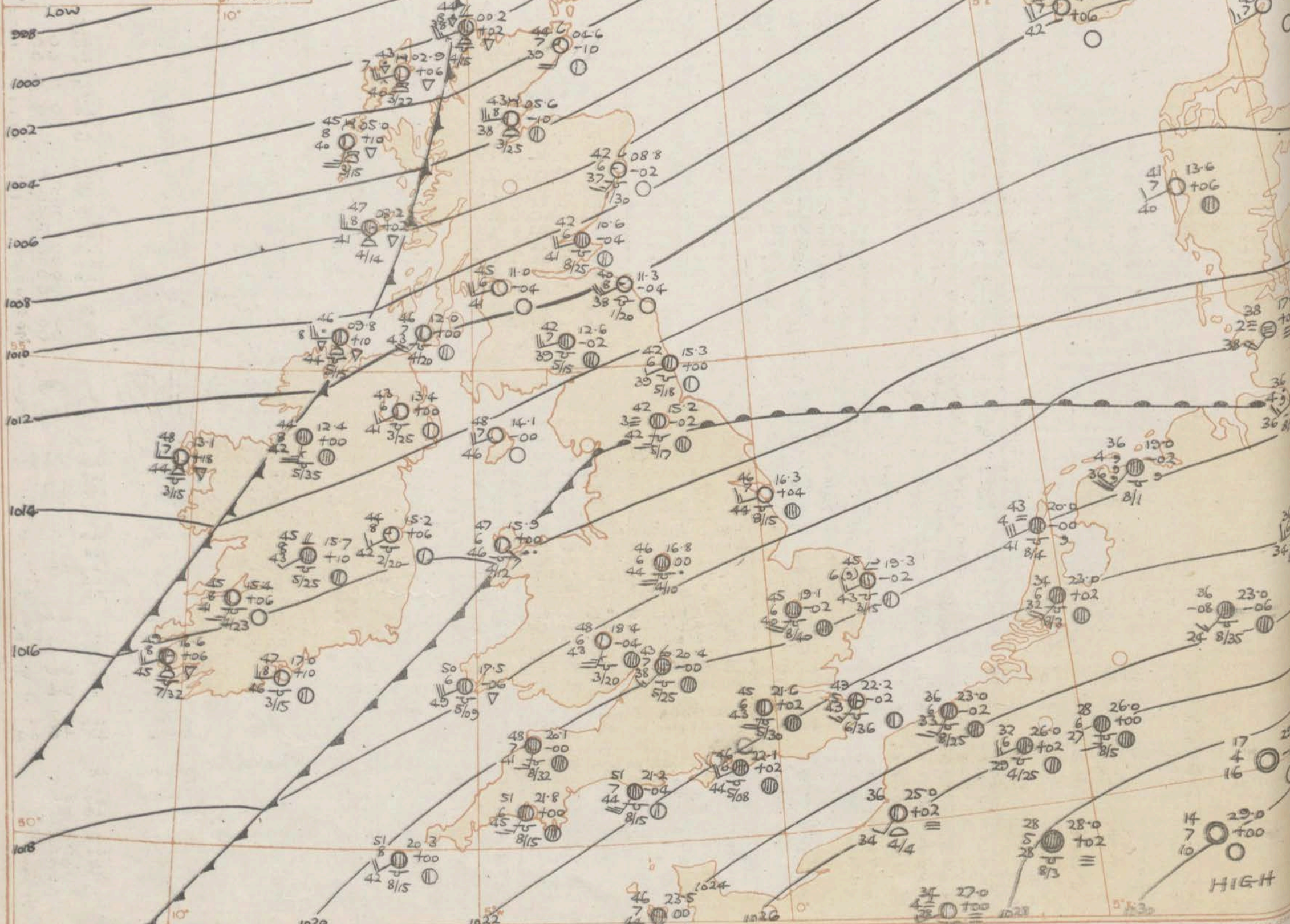
Day 09h-18h Kensington, 09h-21h at other stations.

Stations	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
				Day Max.	Night Min.	Min. on grass	Day	Night		13h	21h
Kew	...	...	...	47	43	39	Tr	-	0.0	73	92
Croydon	...	...	...	48	44	42	-	-	0.0	74	88
Greenwich	...	...	...	48	37	-	Tr	-	0.0	74	87
Westminster	...	...	...	49	44	40	-	-	-	-	-
Regents Park	...	...	...	-	-	-	-	-	-	-	-
Camden Square	...	...	...	-	-	-	-	-	-	-	-
Kensington	c	c	-	49	44	38	-	Tr	-	78	78
Hampstead	od	bc	bc	47	40	34	Tr	-	-	74	-

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 5h.

Max. 0.3 Time 0.1 Min. 0.1 Time 0.6h



A belt west. It will be north and in the

Clark's Pro

Isobars

Arrows by

shorter one

TEMPERATURE is given

SKY 7/10 to 9/10

NOTE - The

When the



Humidity  
To  
61

3 92  
4 88  
5 87

28 73  
74

152  
0

170  
104

36  
43

36  
81

36  
16

34  
81

06

290  
-26

H

1544

# GENERAL INFERENCE

A belt of high pressure extends from South Germany, across France to the west of the Azores. A deep depression west of Iceland is moving east. It will be mainly fair over southern districts of England. Over central and northern districts it will be cloudy with rain or showers at times. In Scotland and Northern Ireland there will be bright periods and a few showers especially in the west and north. It will be rather mild generally.

# FURTHER OUTLOOK

Fair in the east at first, rain spreading from the west later.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 6th January  
1946.

### EXPLANATION OF CHART

**ISOBARS.** Isobars are drawn for intervals of four millibars.  
Wind. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE.** Temperature is given in degrees F.  
**WEATHER SYMBOLS.**  
☉ 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.** 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  
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.  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations

All times are G.M.T.



Sunday 6th January 1941  
No. 30726

[illegible]

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

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

Columns 13, 14, 15: 16, 20, 30, 31, 32.

A = Lowest cloud present.

B = Next lowest cloud

\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.

0 = Nil  
1 = Trace



OBSERVATIONS at 12h. G.M.T. 6th January

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

OBSERVATIONS during DAY

District.	Station.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Weather.			Max. Temp. °F. (36)	Sun- shine Hrs. (37)	Rain °F. (38)			
				Dir.	Force.					Form.		Amount.					Dir.	Force.					Form.		Amount.				06h-12h.	12h-18h.							
										Low.	Med.	High.	Total.										Low.	Med.	High.	Total.											
(For heights see p. 4.)		mb.	(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)
1	Kew	22.5	+2	SW	3	4	46	42	6	5	1	1	6	4	4	4	22.1	14	SSW	2	mo	43	42	6	5	1	7	7	1	28	1	cmobcmo	bcmo	47	1.4	-	
	Croydon	22.8	+4	SSW	3	4	47	43	6	5	1	1	6	4	4	4	22.4	0	3	3	mo	47	43	6	5	1	7	7	1	27	1	cmobcmo	bcmo	49	1.0	-	
	Boscombe Down	22.0	+2	SW	3	4	48	41	6	5	1	1	6	4	4	4	21.0	4	SSW	3	mo	45	40	6	5	1	7	7	1	25	0	cmobcmo	bcmo	51	0.1	-	
	Tangmere	23.4	+6	SW	4	4	48	42	6	5	1	1	6	4	4	4	23.1	12	SW	2	mo	43	42	6	5	1	7	7	1	25	0	cmobcmo	bcmo	50	0.1	-	
	Friston																																				
2	Lymington	24.2	+8	SW	4	4	43	42	6	5	1	1	6	4	4	4	24.0	16	SSW	3	mo	42	41	6	5	1	7	7	1	15	1	cmo	cmo	44	0.0	-	
	Manston	23.7	+4	SSW	4	4	45	43	6	5	1	1	6	4	4	4	23.4	12	SW	4	mo	44	42	6	5	1	7	7	1	15	1	cmo	cmo	45	0.1	Tr	
	Wethersfield	22.6	+6	SW	2	4	47	47	6	5	1	1	6	4	4	4	22.1	12	SW	2	mo	47	47	6	5	1	7	7	1	25	1	cmo	cmo	48	0.1	Tr	
	Woodbridge	22.2	+6	SW	4	4	46	42	6	5	1	1	6	4	4	4	22.3	12	SW	2	mo	45	43	6	5	1	7	7	1	25	1	cmo	cmo	47	0.1	Tr	
	Gorleston	20.8	-2	SW	4	4	47	45	6	5	1	1	6	4	4	4	20.6	14	SW	3	mo	46	44	6	5	1	7	7	1	25	1	cmo	cmo	47	0.2	-	
3	Mildenhall	20.5	+6	SW	4	4	43	41	6	5	1	1	6	4	4	4	20.1	16	SW	3	mo	48	42	6	5	1	7	7	1	25	1	cmo	cmo	50	0.1	-	
	Langham	20.6	+10	SW	4	4	46	42	6	5	1	1	6	4	4	4	21.0	14	SW	3	mo	47	43	6	5	1	7	7	1	25	1	cmo	cmo	47	0.1	Tr	
	Waddington	19.9	+10	SW	4	4	47	44	6	5	1	1	6	4	4	4	20.0	14	SSW	3	mo	47	43	6	5	1	7	7	1	25	1	cmo	cmo	49	0.1	Tr	
	Cranfield	18.6	+18	-	0	0	47	47	6	5	1	1	6	4	4	4	21.2	14	SW	3	mo	47	43	6	5	1	7	7	1	25	1	cmo	cmo	49	0.1	Tr	
	Honiley	20.4	+14	SW	4	4	47	42	6	5	1	1	6	4	4	4	20.5	16	SW	4	mo	46	43	6	5	1	7	7	1	25	1	cmo	cmo	47	0.0	-	
4	Little Rissington	21.6	+4	SW	2	4	45	43	6	5	1	1	6	4	4	4	21.0	12	SSW	3	mo	45	42	6	5	1	7	7	1	30	1	cmo	cmo	46	0.0	Tr	
5	Madley	20.4	+8	SW	4	4	47	44	6	5	1	1	6	4	4	4	20.5	14	SSW	3	mo	47	43	6	5	1	7	7	1	18	1	cmo	cmo	47	0.0	Tr	
	Bristol	21.3	+6	SSW	4	4	48	43	6	5	1	1	6	4	4	4	21.1	12	SSW	3	mo	47	43	6	5	1	7	7	1	27	1	cmo	cmo	51	0.0	Tr	
	Chivenor	21.3	+8	SW	4	4	49	44	6	5	1	1	6	4	4	4	20.4	12	SW	1	mo	43	42	6	5	1	7	7	1	25	1	cmo	cmo	51	0.0	Tr	
	Yeovilton	22.2	+12	SW	4	4	51	41	6	5	1	1	6	4	4	4	21.2	0	SW	3	mo	47	42	6	5	1	7	7	1	15	1	cmo	cmo	53	0.0	-	
6	Portland Bill	22.1	+4	SSW	4	4	52	46	6	5	1	1	6	4	4	4	21.8	0	SSW	4	mo	49	45	6	5	1	7	7	1	15	1	cmo	cmo	53	0.0	-	
	Exeter	21.9	+4	SW	4	4	52	43	6	5	1	1	6	4	4	4	21.3	12	SSW	2	mo	49	41	6	5	1	7	7	1	100	1	cmo	cmo	52	0.0	-	
	Plymouth	23.1	+6	SW	4	4	51	47	6	5	1	1	6	4	4	4	21.5	16	SW	4	mo	50	45	6	5	1	7	7	1	20	1	cmo	cmo	51	0.0	-	
	St. Eval	21.6	+2	SSW	4	4	51	44	6	5	1	1	6	4	4	4	20.8	12	SW	3	mo	46	41	6	5	1	7	7	1	20	1	cmo	cmo	51	0.0	-	
	Fredinack	22.2	+6	SSW	4	4	51	43	6	5	1	1	6	4	4	4	21.0	12	SW	3	mo	46	41	6	5	1	7	7	1	20	1	cmo	cmo	51	0.0	-	
	Guernsey	23.3	-6	SW	4	4	49	45	6	5	1	1	6	4	4	4	23.7	12	SSW	3	mo	43	43	6	5	1	7	7	1	28	1	cmo	cmo	50	0.2	-	
7	Silly, St. Marys	21.0	+6	SSW	3	4	51	43	6	5	1	1	6	4	4	4	19.6	-6	SW	3	mo	50	38	6	5	1	7	7	1	21	1	cmo	cmo	51	0.0	-	
	Fairwood	20.9	+10	SW	3	4	48	48	6	5	1	1	6	4	4	4	20.5	0	SW	1	mo	46	46	6	5	1	7	7	1	23	1	cmo	cmo	49	0.0	2	
	Pembroke	19.9	+10	SW	3	4	48	48	6	5	1	1	6	4	4	4	19.5	-14	SW	3	mo	48	47	6	5	1	7	7	1	9	1	cmo	cmo	51	0.0	1	
	Aberporth	19.7	+10	SW	3	4	48	47	6	5	1	1	6	4	4	4	19.8	0	SW	3	mo	48	47	6	5	1	7	7	1	38	1	cmo	cmo	49	0.0	1	
	Penrhos	18.6	+14	SW	2	4	49	47	6	5	1	1	6	4	4	4	18.9	12	SW	0	mo	44	44	6	5	1	7	7	1	13	1	cmo	cmo	51	0.3	2	
8	Holyhead, Valley	19.3	+14	SW	3	4	49	46	6	5	1	1	6	4	4	4	19.5	12	SW	0	mo	47	46	6	5	1	7	7	1	20	1	cmo	cmo	51	0.1	0.1	
	Hawarden	19.1	+10	SW	2	4	52	48	6	5	1	1	6	4	4	4	19.6	14	SW	2	mo	46	41	6	5	1	7	7	1	30	1	cmo	cmo	50	0.1	1	
	Manchester	18.6	+18	SW	2	4	48	47	6	5	1	1	6	4	4	4	18.9	12	SW	1	mo	46	46	6	5	1	7										



Diagram illustrating a METEOROLOGICAL CODE. The code is represented by a central circle containing the digits 8045. Lines radiate from the circle to various weather elements, each associated with a specific value or symbol:

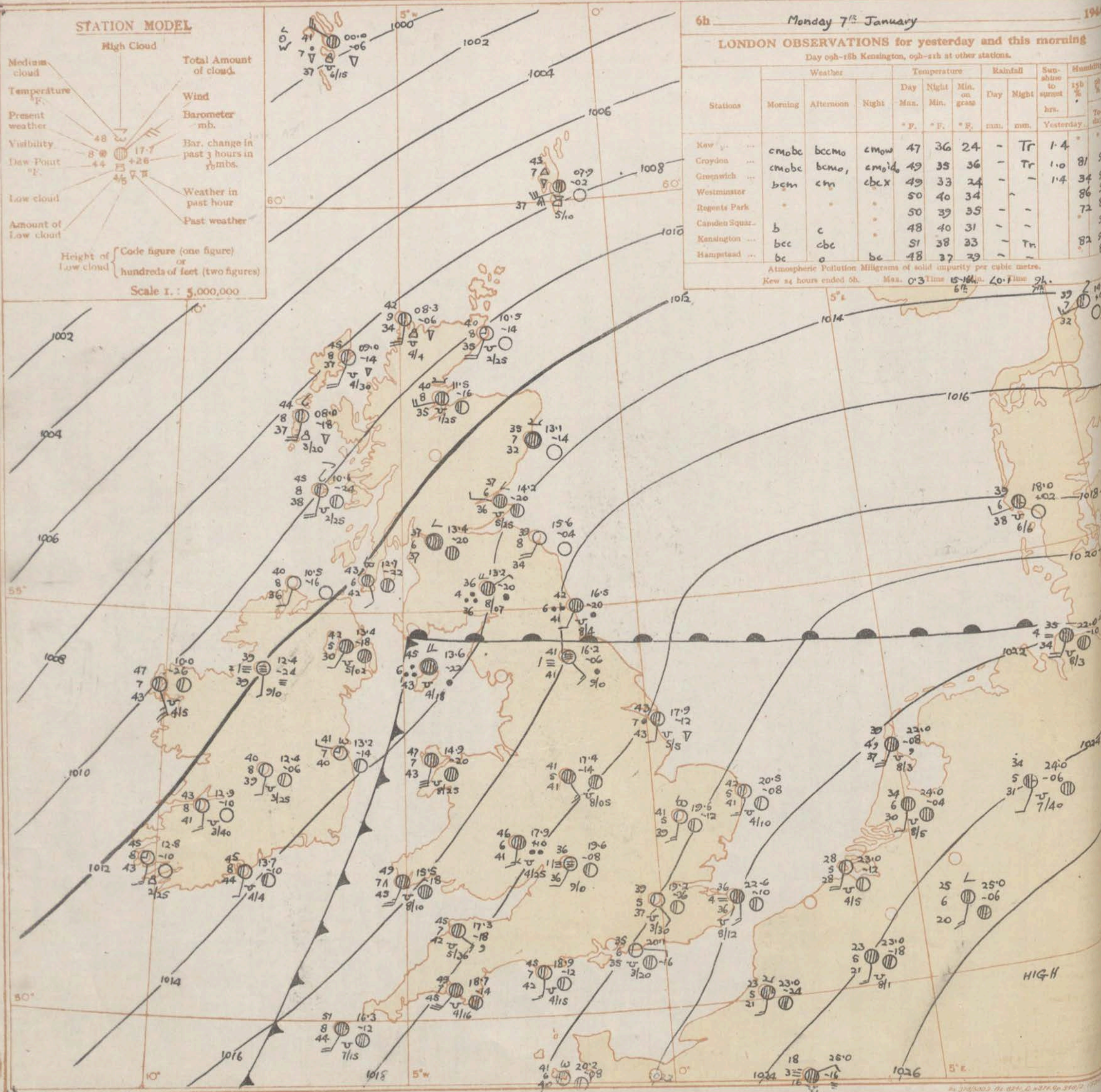
- High Cloud: 48
- Total Amount of cloud: 17.7
- Wind: 4
- Barometer mb.: +26
- Bar. change in past 3 hours in mb.: 7.8
- Weather in past hour: 7.8
- Past weather: 4.5
- Amount of Low cloud: 4.5
- Low cloud: 4.5
- Dew Point °F.: 44
- Visibility: 80
- Present weather: 80
- Temperature °F.: 80

A bracket on the left side groups "Low cloud" and "Amount of Low cloud" under the label "Height of Low cloud".

Legend:

- Code figure (one figure)
- or
- hundreds of feet (two figures)

Scale 1 : 5,000,000



Monday 7<sup>th</sup> January

194

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humid- ity %	To- day
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night			
				Max.	Min.						
				° F.	° F.	° F.	mm.	mm.	Yesterday.		
Kew	cmobc	bccmo	cmow	47	36	24	-	Tr	1.4		
Croydon	cmobc	bcmo,	cmo'do	49	35	36	-	Tr	1.0	81	
Greenwich	bcm	cm	cbe x	49	33	24	-	-	1.4	34	
Westminster				50	40	34	-	-		86	
Regents Park				50	39	35	-	-		72	
Camden Squar.	b	c		48	40	31	-	-			
Kensington	bcc	cbe		51	38	33	-	Tr		82	
Hamstead	bc	a	bc	48	37	29	-	-			

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
 Read at hours ended 5h. Max. 0.3 Time 15-16h. 1.0 Time 9

Kew 24 hours ended 6h. Max. 0.3 Time 15-16h. Lo. Time 9h

HNSO Press, MD, Durable

A deep  
southwest  
some re  
districts  
intervals,  
It will be

Clark's Pro  
Statute W

QUEST. Isobian  
n. Arms fly w  
rent leather oge ab  
PERATURE is given  
THREE SYMBOLS:  
Sky 7/10 to 9/10  
≡ Fog  
hour of observ

FRONTS or bound  
rent origin are in  
are well known  
in W  
in W  
in W  
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in W  
NOTE: Co  
When the fro



Humidity  
81 92  
34 97  
86 98  
72 81  
96  
82 91  
81

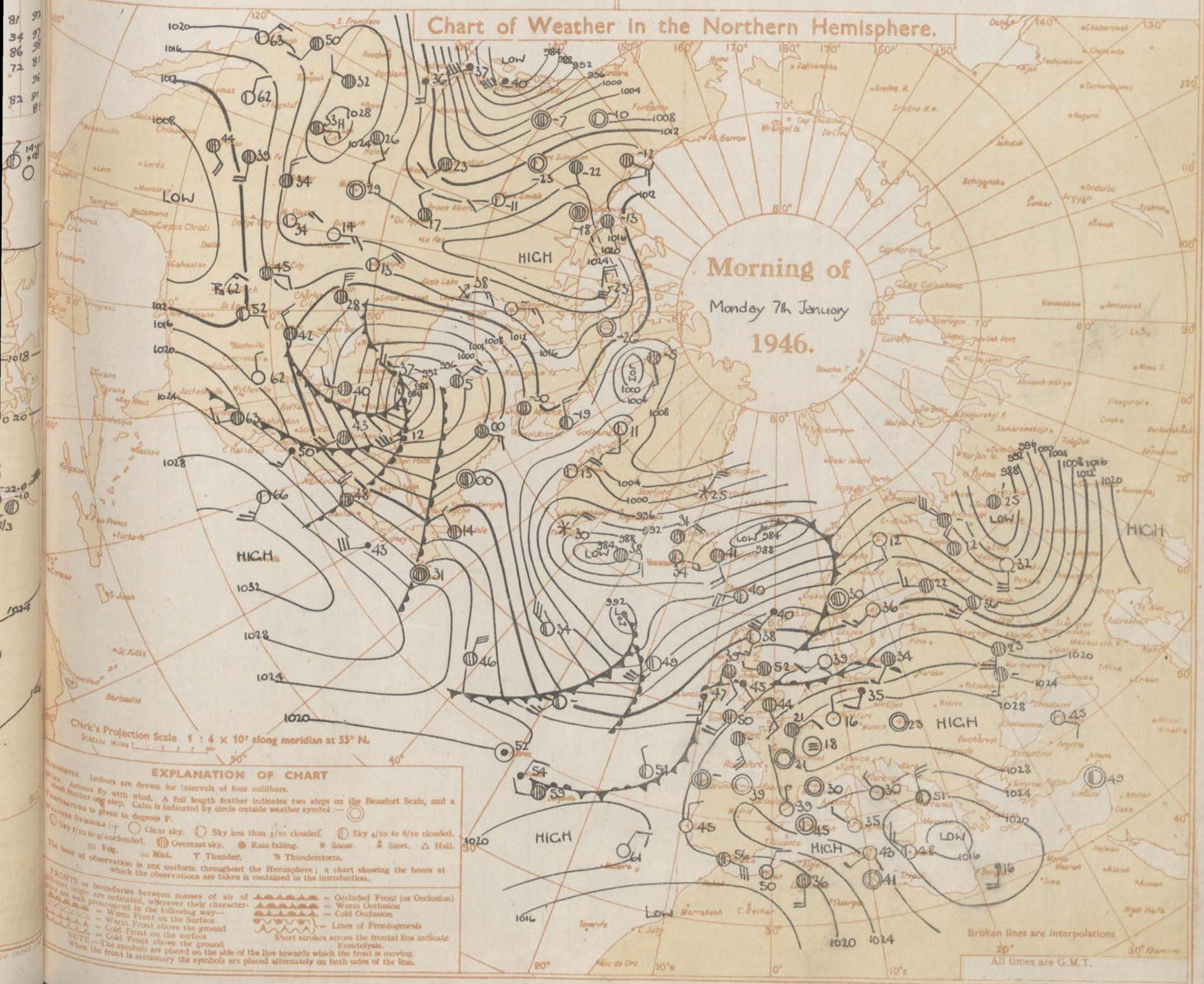
**GENERAL INFERENCE**  
A deep depression southwest of Iceland is moving steadily northeast and a southwesterly air-stream is being maintained over the British Isles. There will be some rain in South Scotland at first and late in southwest and western districts of the British Isles. Elsewhere it will be mainly fair with some bright intervals, apart from local fog in Midlands and East England later tonight. It will be mild generally over the British Isles.

**FURTHER OUTLOOK**  
Unsettled with perhaps gales in north-west of British Isles.

↓ Gale warning in operation in districts 13B and 16. Issued 1440 G.M.T. 6.1.45.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 7th January  
1946.



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 1" = 1000

## EXPLANATION OF CHART

**ISOBARS.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows show direction. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE.** Temperature is given in degrees F.  
**WEATHER SYMBOLS.** ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. ❄ Snow. ☁ Mist. ⚡ Thunder. ⚡ Thunderstorm.  
**FRONTS.** 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  
— Cold Front on the surface  
— Cold Front above the ground  
— 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.  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations  
All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Monday 7th January 1940  
No. 30127

OBSERVATIONS at 00hr. G.M.T. 7th January															OBSERVATIONS at 06hr. G.M.T. 7th January															OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.			Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.			Height of Base Hundreds of feet.	State of Ground.	Weather.		Temperature.		Rain.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Dir.	Force.					Form.	Amount.	Dir.				Force.	Form.					Amount.	Form.	Amount.			Form.	Amount.	1st obs.	2nd obs.		Min. 24hr.	Min. on Grass 24hr.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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1	Kew	16						45							20.0	-14	SSE	2	mo	41	39	6					28		cmo	cmo	36	24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Croydon	217	23.3	+2	SE	2	3	44	43	9					19.2	-26	SE	2	mo	39	37	4					30		cidmo	cmobcmo	35	36																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Boscombe Down	417	22.4	0	SE	2	3	43	43	9					20.6	-12		0	mo	37	37	5					30		cmo	cmobcmo	32	24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Tangmere	53	23.1	-2	SE	3	3	41	40	6					20.1	-16	E	1	mo	35	35	6					20		cmobcmo	cmobcmo	30	27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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OBSERVATIONS at 18h. G.M.T. 7<sup>th</sup> January 24 h

## 1946

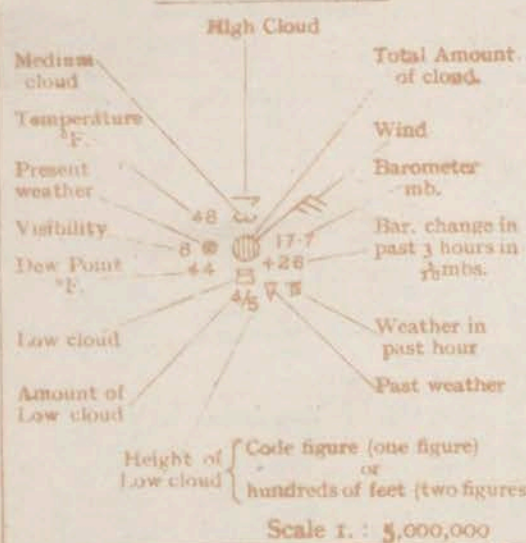
NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.C.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 3)

0 = Nil	2 = $\frac{1}{2}$	4 = $\frac{1}{2}$	6 = $\frac{1}{2}$
1 = Trace	3 = $\frac{1}{4}$	5 = $\frac{1}{2}$	7 = More than 9 but with openings.



## STATION MODEL



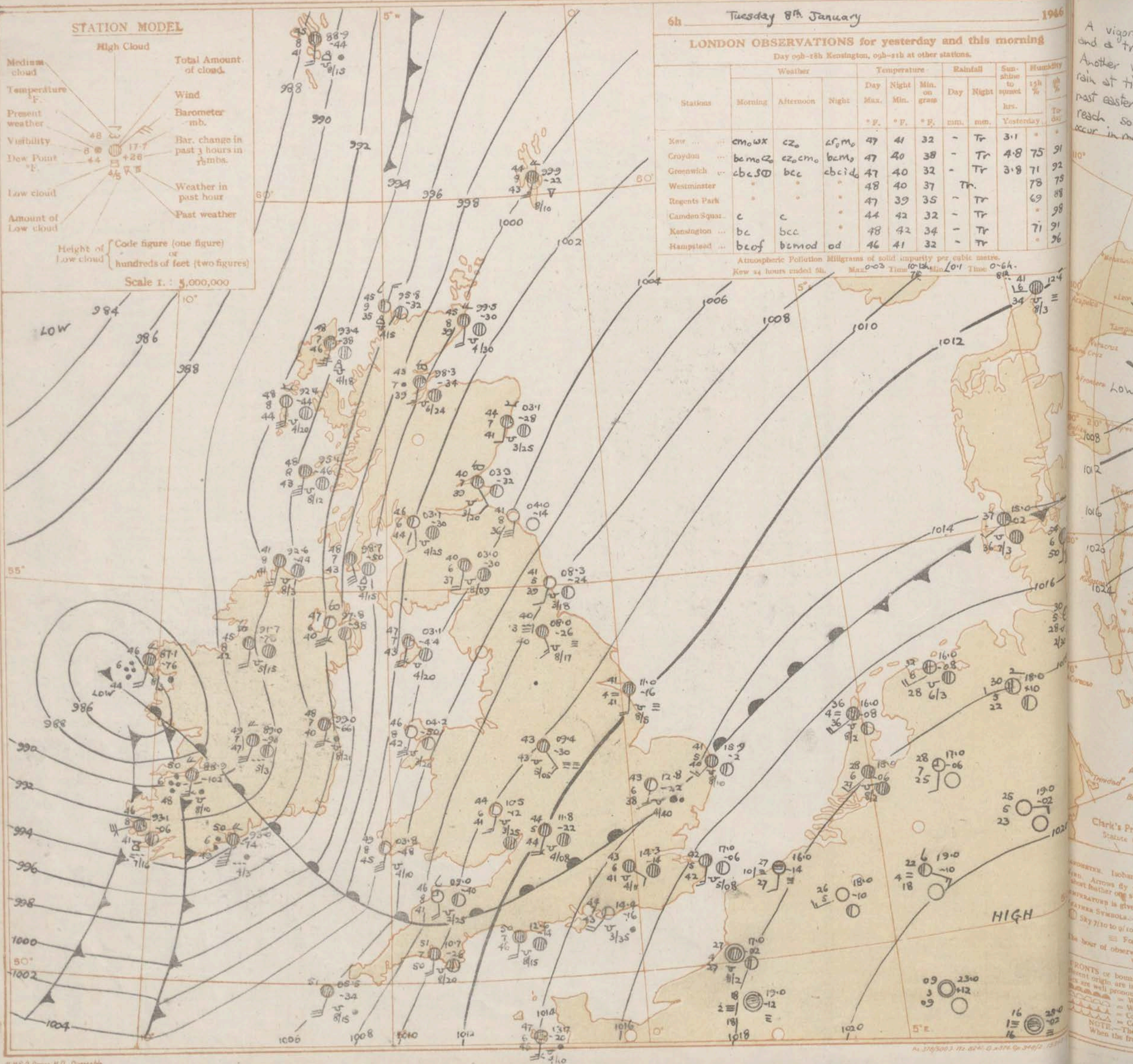
6h Tuesday 8th January

1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		Yesterday	To-day
Kew	cm, wx	c2	2, m	47	41	32	-	Tr	3.1		
Croydon	bc, m, c2	c2, cm	bc, m	47	40	38	-	Tr	4.8	75	91
Greenwich	bc, c2	bc	bc, c2	47	40	32	-	Tr	3.8	71	92
Westminster				48	40	37	-	Tr		78	78
Regents Park				47	39	35	-	Tr		69	88
Camden Square	c	c		44	42	32	-	Tr			98
Kensington	bc	bc		48	42	34	-	Tr		71	91
Hampstead	bc, of	bc, mod	od	46	41	32	-	Tr			96

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max. 0.03 Time 10.15. Min. 0.01 Time 0.15.



## GENERAL INFERENCE

A vigorous depression over Western Ireland is moving rapidly north, and a trough of low pressure is moving east across the British Isles. Another vigorous depression is approaching from the Atlantic. There will be rain at times today in all parts of Gr. Britain followed by fair conditions in most eastern districts, and showers in most western districts. More rain will reach southwestern districts tomorrow morning. Strong to gale winds will occur in many districts. It will be rather mild.

## FURTHER OUTLOOK

Stormy conditions, with rain spreading quickly northeastwards across the country.

▼ Gale warning in all districts (except 1, 2, 3, 4). issued at 14.40h 6th Jan. 22.20h 7th Jan. 0140h 8th Jan.

## Chart of Weather in the Northern Hemisphere.





\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.



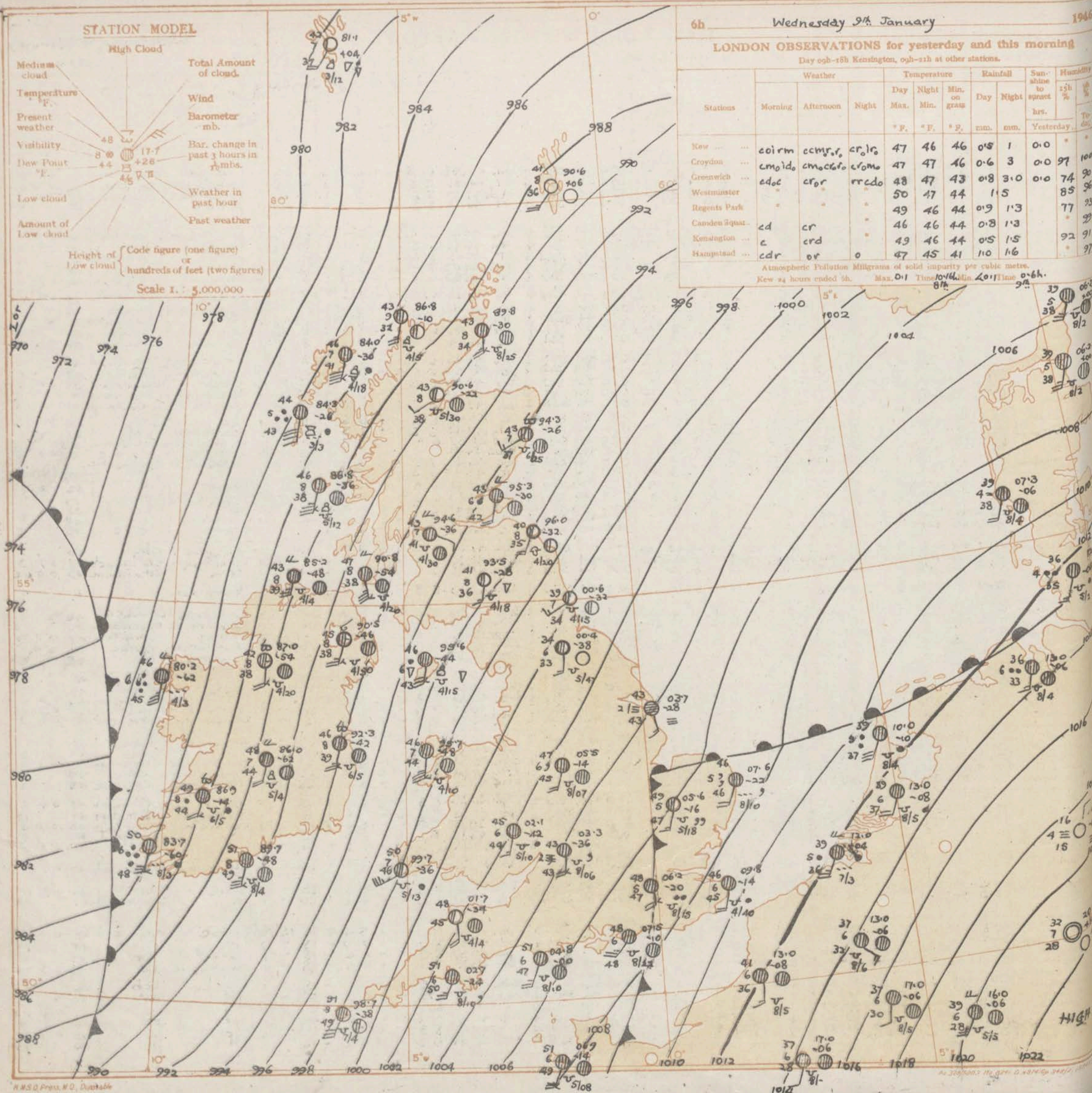
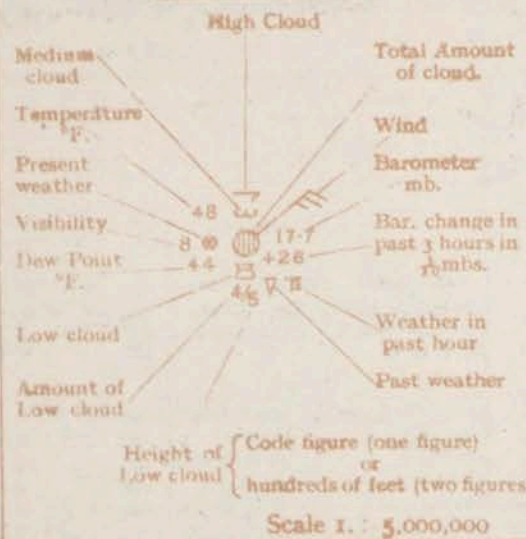
OBSERVATIONS at 12h. G.M.T. 8<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 8<sup>th</sup> January

OBSERVATIONS during DAY

Stations.	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.			State of Ground.	Weather.				Max. Temp. °F.	Sun- shine Hrs.	Rain inches.																		
			Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force.	Form.				Amount.	Height of Base Hundreds of feet.			06h.-12h.	12h.-18h.												
(For heights see p. 4.)	mb.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)								
1 Kew	11.3	-14	SSW	4	m.	46	42	6	5	-	-	8	4	8	15	25	09.4	0	SSW	4	hr.	46	44	6	5	7	7	8	4	8	11	25	1	coirom	c cm r m	47	0.0	0.5																					
Croydon	11.5	-18	S	5	po	47	44	5	5	-	-	7	5	6	7	25	09.4	-2	S	4	rr	46	46	5	5	-	-	8	4	8	11	25	1	unoid. erom	cm. c m	47	0.0	0.6																					
Boscombe Down	11.3	-10	SE	5	po	47	45	5	5	-	-	7	5	6	7	25	08.4	-6	SW	4	d. d.	47	47	5	5	2	-	8	4	8	11	25	1	cmoid. erom	cm. c m	47	0.0	0.6																					
Tangmere	13.2	-6	SW	4	c	47	45	5	5	-	-	7	5	6	7	25	10.3	-6	SW	5	rr	46	46	5	5	2	-	8	4	8	11	25	1	cmoid. erom	cm. c m	47	0.0	0.6																					
Friston																																																											
2 Lympne	14.5	-16	SSE	4	id.	43	43	5	5	-	-	8	4	7	6	25	12.7	-4	SE	4	m.	44	41	6	5	7	7	8	4	8	14	57	1	cmoid. erom	cm. c m	46	0.0	1																					
Manston	14.7	-16	SW	4	cld	42	41	5	5	-	-	7	4	7	6	25	12.0	-4	S	4	m.	45	42	6	5	7	7	8	4	8	14	57	1	cmoid. erom	cm. c m	46	0.0	1																					
Wethersfield	12.0	-16	SW	2	m.	45	45	5	5	-	-	7	4	7	6	25	10.2	+6	SSW	4	rr	45	45	5	5	2	-	8	4	8	14	57	1	cmoid. erom	cm. c m	46	0.0	1																					
Woodbridge	12.8	-2	SW	2	m.	45	45	5	5	-	-	7	4	7	6	25	10.3	-4	SSW	4	rr	45	45	5	5	2	-	8	4	8	14	57	1	cmoid. erom	cm. c m	46	0.0	1																					
Corleston	13.3	-14	SW	5	m.	44	42	5	5	-	-	7	4	7	6	25	10.1	-10	SW	6	rr	45	43	6	5	7	7	8	4	8	14	57	1	cmoid. erom	cm. c m	46	0.0	1																					
3 Mildenhall	10.2	-22	S/E	4	m.	47	43	5	5	-	-	6	4	4	12	15	08.1	-2	SW	4	ir.	47	43	6	5	-	-	7	7	-	27	-	1	h cm.	c c c c c c	49	6.3	0.1																					
Langham	10.1	-22	S	4	m.	45	43	5	5	-	-	7	4	7	6	25	07.9	+6	S	4	ir.	46	42	6	5	7	7	8	4	8	10	-	1	h cm.	c c c c c c	46	*	0.1																					
Waddington	07.3	-30	S	4	m.	45	43	5	5	-	-	7	4	7	6	25	05.6	+4	SW	3	m.	47	45	5	5	7	7	8	4	8	10	-	1	h cm.	c c c c c c	46	*	0.1																					
Cranfield	09.8	-18	SSW	5	c	47	43	5	5	-	-	7	4	7	6	25	07.8	+2	SW	4	m.	46	44	6	5	-	-	7	7	-	27	-	1	h cm.	c c c c c c	46	*	0.1																					
Honiley	06.8	-22	S	5	c	48	44	7	5	-	-	7	4	7	6	25	00.7	+4	SW	3	bc	46	44	7	5	3	-	4	4	8	15	-	1	h cm.	c c c c c c	47	0.0	0.4																					
4 Little Rissington	07.7	-26	SSW	6	ir.	46	46	7	5	-	-	8	4	7	6	25	07.6	+10	SSW	3	ir.	45	45	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Madley	05.9	-22	SSW	5	ir.	49	46	5	5	-	-	8	4	7	6	25	07.1	+8	SW	2	c	47	40	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Bristol	07.2	-14	S	6	ir.	50	46	5	5	-	-	8	4	7	6	25	07.3	+10	SW	1	c	47	45	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Chivenor	05.3	-12	S	5	ir.	50	47	6	5	-	-	8	4	7	6	25	06.9	+6	SW	2	m.	44	42	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Yeovilton	07.6	-20	SW	6	ir.	50	46	6	5	-	-	8	4	7	6	25	07.2	+6	SW	2	m.	49	48	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
5 Portland Bill	11.3	+0	S	7	c	50	46	6	5	-	-	8	4	7	6	25	08.8	+8	SW	2	c	45	47	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Exeter	08.1	-10	S	7	c	50	46	6	5	-	-	8	4	7	6	25	07.6	+0	WNW	1	c	45	47	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Plymouth	07.4	-16	S	7	c	50	46	6	5	-	-	8	4	7	6	25	08.8	+8	SW	2	c	45	47	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
St. Eval	06.7	+2	SSW	5	ir.	49	46	5	5	-	-	8	4	7	6	25	07.8	+6	SSW	2	c	46	41	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Frederick	07.1	+4	SSW	6	ir.	49	46	5	5	-	-	8	4	7	6	25	07.8	+6	SSW	2	c	46	41	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Guernsey	12.4	-12	SSW	6	ir.	47	45	6	5	-	-	8	4	7	6	25	09.3	-6	S	6	ir.	49	48	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
6 Scilly, St. Mary's	06.6	+26	W	4	c	50	49	7	5	-	-	8	4	7	6	25	07.1	+6	WSW	2	c	48	48	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Fairwood	05.1	-6	WSW	6	c	47	44	5	5	-	-	8	4	7	6	25	07.2	+4	W	1	m.	41	35	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Pembroke	02.4	+2	W	6	c	48	44	5	5	-	-	8	4	7	6	25	07.2	+4	W	1	m.	41	35	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Aberporth	03.6	+14	SW	4	c	47	44	5	5	-	-	8	4	7	6	25	05.7	+10	WSW	3	c	48	48	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
Penrhos	01.7	+6	SW	6	c	49	44	7	5	-	-	8	4	7	6	25	04.5	+10	SW	2	c	45	38	6	5	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46	0.0	4.3																					
7 Holyhead, Valley	01.1	+8	WSW	6	c	47	41	5	5	-	-	8	4	7	6	25	04.0	+10	SW	6	bc	47	38	8	2	-	-	8	7	8	8	8	1	cmoid. erom	cm. c m	46</																							



## STATION MODEL



A deep, cold  
deepening  
northeast  
at first  
tomorrow.  
veering dr

Clark's Pro  
Statute  
Barometer, Isobars  
Wind, Arrows by  
short feather on st  
temperature is given  
Weather Symbols  
Sky 7/10 to 9/10  
The hour of observ  
FRONTS or bound  
different origin are in  
are well known  
W = W  
C = C  
N = N  
When the fr



# GENERAL INFERENCE

A deep depression south of Iceland is moving north-northeast while a deepening secondary to westward of Ireland will move quickly northeast. Weather will be generally cloudy with periods of rain at first followed by showery conditions spreading from the west tomorrow. Strong to gale south to southwest winds will continue today, veering and moderating from the west tomorrow. It will be rather mild.

# FURTHER OUTLOOK

Continuing unsettled with further rain spreading from west.

▼ Gale warnings in operation in districts 0-4, 9, issued at 0725h. 9th Jan. 5, issued at 2220h. 7th Jan. 6, 7, 8, 12, 17, 18, 20 issued at 0140h. 8th Jan. 10, 11, 13 A. 14, 15. issued at 0510h. 8th Jan. 13, 16. issued at 1440h. 6th Jan. 19, 20 issued at 2220h. 7th Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 9th January,

1946.



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

### EXPLANATION OF CHART

**ISOBARS.** 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.** 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.  
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.** Fronts are 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  
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.  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations  
All times are G.M.T.



\* Information not usually received

† Second figure in col. (33) gives depth of snow in inches.

0 = Nil  
1 = Trace



OBSERVATIONS at 12h. G.M.T. 9th January

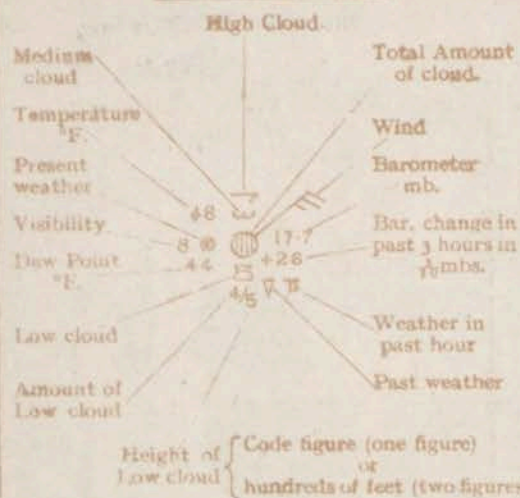
OBSERVATIONS at 18h. G.M.T. 9th January

OBSERVATIONS during DAY

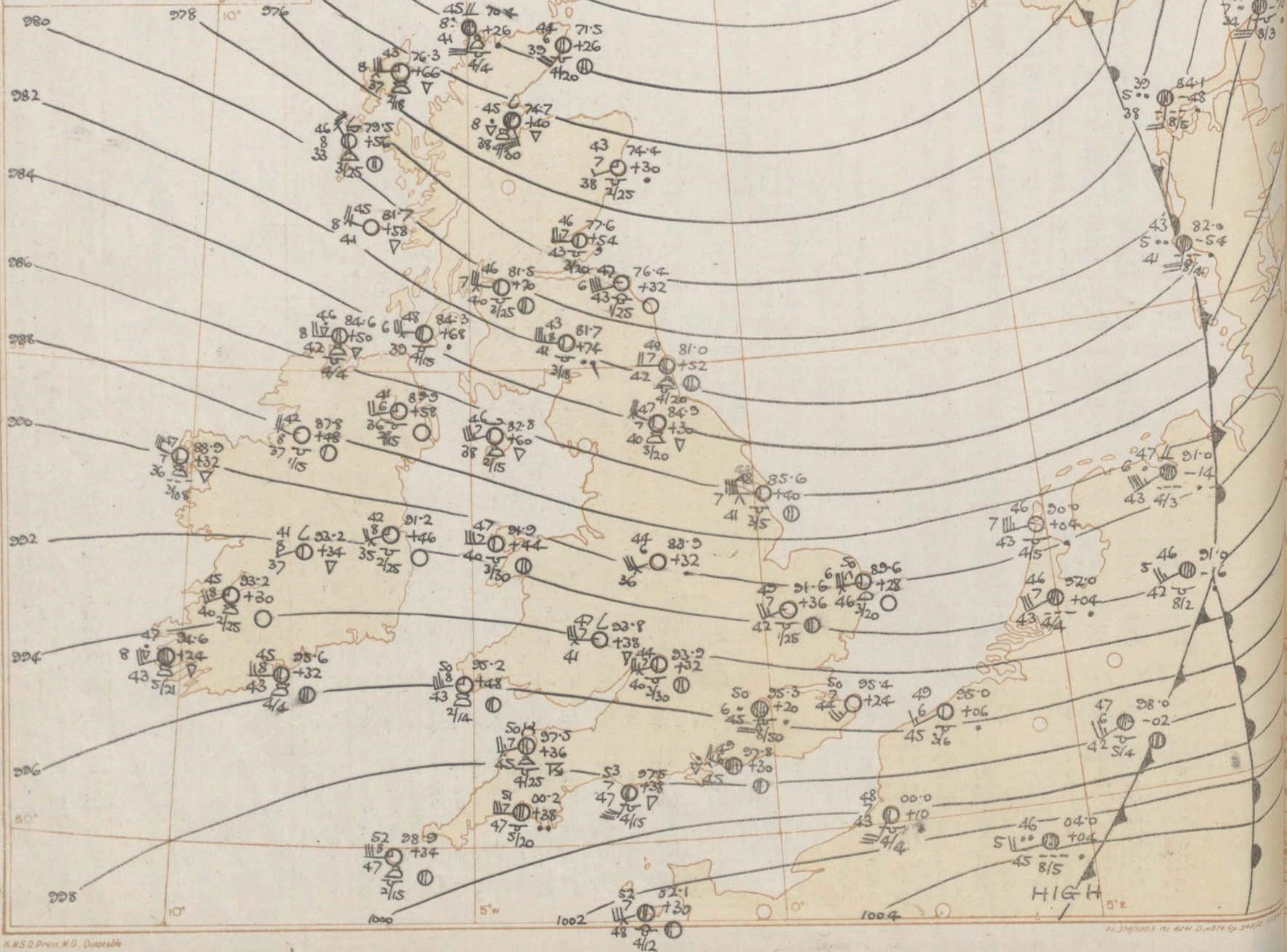
OBSERVATIONS at 12h. G.M.T. 24 January																		OBSERVATIONS at 18h. G.M.T. 24 January																		OBSERVATIONS during DAY									
STATIONS.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Weather.				Max. Temp. 24h.	Sun-shine Hrs.	Rain 24h.											
			Dir.	Force.					Form.	Amount.	Form.	Amount.				Dir.	Force.					Form.	Amount.	06h.-12h.	12h.-18h.			18h.-24h.	24h.-30h.																
																														Low.	Med.				High.	Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.	
(For heights see p. 4.)	mb.	(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)						
1 Kew	02.1	-28	SW	5	mo	49	46	6	5	-	-	8	11	15	31.2	-46	SW	6	rr	50	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Croydon	03.0	-24	S	5	cl	49	49	5	5	-	-	8	7	25	32.9	-84	SE	6	rr	50	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Boscombe Down	00.3	-30	SE	6	do	49	47	6	5	-	-	8	6	8	33.9	-48	SW	8	rr	50	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Tangmere	04.5	-20	SW	6	mo	49	47	6	5	-	-	8	4	40	33.4	-42	SW	8	rr	50	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Frinton																																													
2 Lympne	06.0	-22	S	3	mo	47	44	6	5	-	-	8	10	-	37.8	-30	SE	6	rr	47	45	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Manston	07.5	-12	SE	6	c	47	45	7	5	-	-	8	10	25	37.6	-50	S	7	rr	47	47	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
3 Wetherfield	03.1	-26	SW	4	mo	48	48	6	5	-	-	8	10	25	33.1	-52	SSW	7	rr	49	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Woodbridge	04.9	-20	SE	4	mo	47	44	6	5	-	-	8	10	25	35.0	-58	SSW	7	rr	47	46	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Gorleston	04.6	-20	SW	6	mo	47	46	6	5	-	-	8	10	25	35.5	-48	S	8	pr	47	45	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
4 Mildenhall	02.5	-22	SW	4	mo	51	47	6	5	-	-	7	10	40	31.0	-62	S	6	ir	50	47	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Langham	01.2	-26	S	4	cl	49	46	6	5	-	-	7	10	40	30.5	-58	S	6	rr	48	46	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Waddington	07.9	-38	SSW	5	mo	50	47	6	5	-	-	7	10	45	35.1	-68	SW	7	rr	49	45	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
5 Cranfield	00.3	-18	SSW	5	c	50	46	7	5	-	-	8	10	25	38.6	-54	SSW	7	rr	49	46	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Honiley	06.2	-40	S	6	cl	49	46	7	5	-	-	8	10	15	35.1	-52	S	7	rr	49	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
6 Little Rissington	07.7	-46	SE	6	hr	47	46	7	5	-	-	8	10	4	36.2	-54	SSW	7	rr	49	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Madley	05.5	-44	S	5	cl	50	47	7	5	-	-	8	10	4	36.9	-44	SSW	4	rr	50	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
7 Bristol	06.6	-38	3	6	dr	51	49	6	6	-	-	8	10	13	36.8	-36	SSW	7	rr	52	50	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Chivenor	04.2	-42	3	5	tr	52	46	7	5	-	-	8	10	15	34.6	-48	SSW	5	rr	54	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Yeovilton	08.3	-32	3	8	ido	52	48	6	5	-	-	8	10	15	37.7	-18	SSW	5	rr	52	50	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
8 Portland Bill	00.0	-26	SSW	7	c	51	48	6	5	-	-	8	10	15	31.7	-44	SSW	7	rr	50	50	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Exeter	06.6	-42	SSW	6	rr	52	49	6	6	-	-	8	10	15	37.6	-26	SSW	5	rr	54	50	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
9 Plymouth	06.4	-36	S	3	ir	52	51	6	6	-	-	8	10	8	37.6	-22	SE	6	rr	53	51	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
St. Eval	02.8	-46	SW	3	rr	51	49	6	6	-	-	8	10	15	37.6	-8	SW	5	rr	52	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
10 Predannack	03.9	-42	SW	3	rr	51	49	6	6	-	-	8	10	25	34.6	-36	S	8	rr	51	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Guernsey	02.7	-34	S	6	cl	52	47	7	5	-	-	8	10	25	34.6	-36	S	8	rr	51	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
11 Scilly, St. Marys	09.9	-58	SSW	8	rr	51	50	6	5	-	-	8	10	6	35.4	-46	SW	8	rr	53	47	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Fairwood	02.8	-44	SSW	5	c	50	46	7	5	-	-	8	10	12	33.4	-42	SSW	7	rr	51	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
12 Pembroke	08.8	-54	SSW	5	RR	49	49	6	6	-	-	8	10	13	33.8	-42	SSW	7	rr	51	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Aberporth	09.3	-42	S	6	rr	49	47	6	5	-	-	8	10	13	31.0	-42	SSW	5	rr	50	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
13 Penrhos	08.4	-50	S	7	rr	49	47	7	5	-	-	8	10	13	30.3	-4	SW	5	rr	50	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
14 Holyhead, Valley	07.5	-48	S	7	rr	49	48	5	5	-	-	8	10	15	37.8	-10	SW	6	c	49	49	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Hawarden	01.0	-62	SSE	4	rr	49	46	6	6	-	-	8	10	15	37.2	-58	S	7	rr	50	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
15 Manchester	02.7	-50	SSE	6	ido	50	48	6	6	-	-	8	10	25	37.7	-70	SE	7	rr	50	48	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Squires Gate	08.8	-56	SSE	4	c	48	42	7	5	-	-	8	10	25	35.3	-50	S																												



# STATION MODEL



Scale 1 : 5,000,000



6b Thursday 10th January, 1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		
Kew	cr	ridg	cr	51	47	42	0	0.3		
Croydon	cr	ridg	cr	51	47	45	20	2	93	85
Greenwich	cr	ridg	cr	51	46	41	4	8	0.0	81
Westminster	cr	ridg	cr	53	46	41	8			80
Regents Park				52	47	43	3	7	81	80
Comden Squa	c	cr		52	47	41	5	7		85
Kensington	co	cr		52	47	42	2	8	93	84
Hampstead	or	or	or	51	43	37	9	1		83

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max 0.1 Time 8-12 Min 0.05 Time 12-24h



# GENERAL INFERENCE

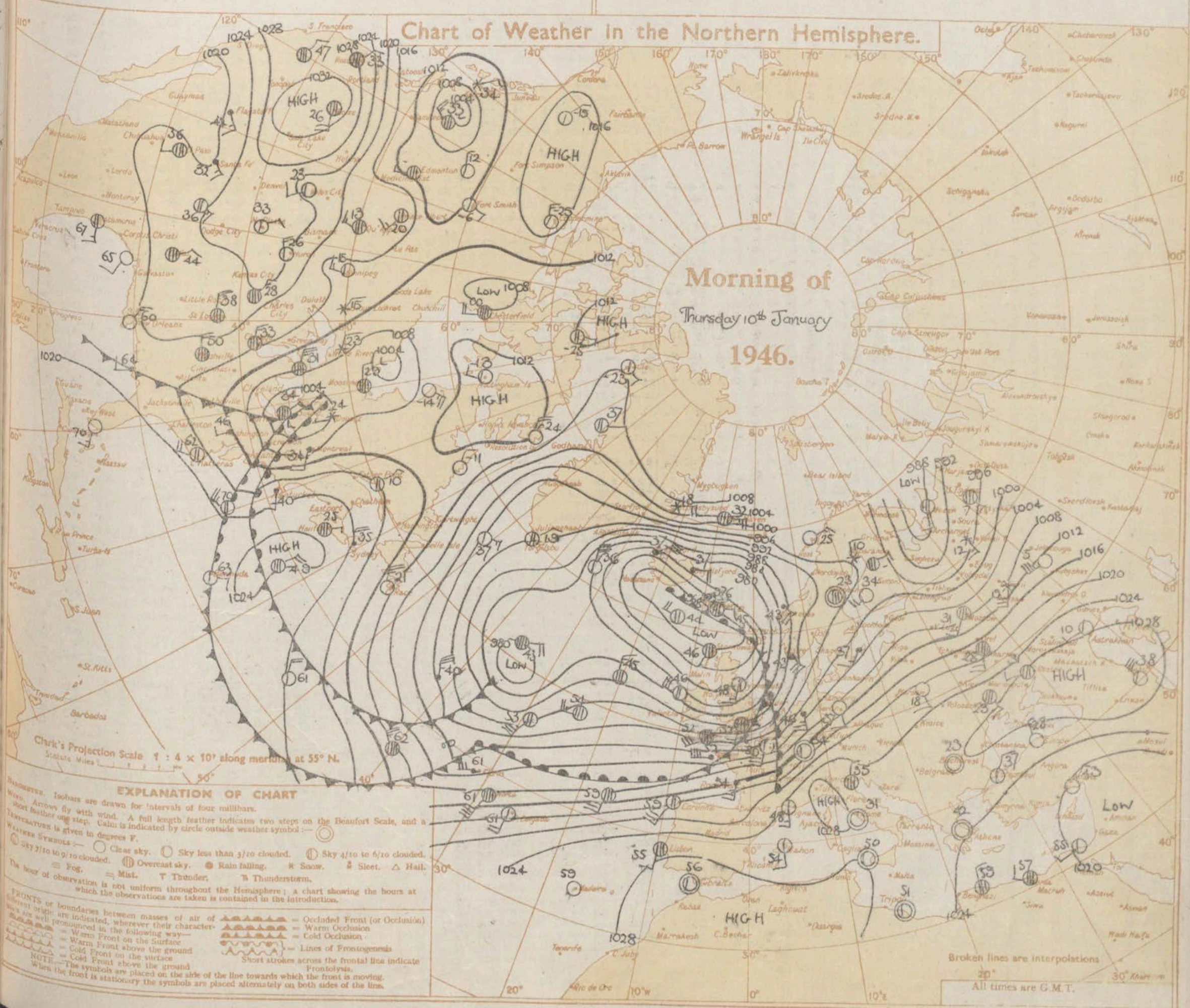
A deep depression to north of Scotland is moving north and another depression is approaching the British Isles from the southwest. There will be showers and bright intervals, but rain is expected to spread from the southwest over the country during tonight and tomorrow morning. It will be mainly rather mild.

# FURTHER OUTLOOK

Rain or showers at times; mild.  
 ▼ Gale warnings in operation in all districts (except 2, 3, 4 and part of 1) Issued 0140, 0510 8<sup>th</sup> Jan. 0725 9<sup>th</sup> Jan. 0800 10<sup>th</sup> Jan. 1946

## Chart of Weather in the Northern Hemisphere.

Morning of  
 Thursday 10<sup>th</sup> January  
 1946.



### EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
 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.  
 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  
 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.  
 — Occluded Front (or Occlusion)  
 — Warm Occlusion  
 — Cold Occlusion  
 — Lines of Progeny  
 Short strokes across the frontal line indicate Progeny.

Broken lines are interpolations  
 All times are G.M.T.



\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.

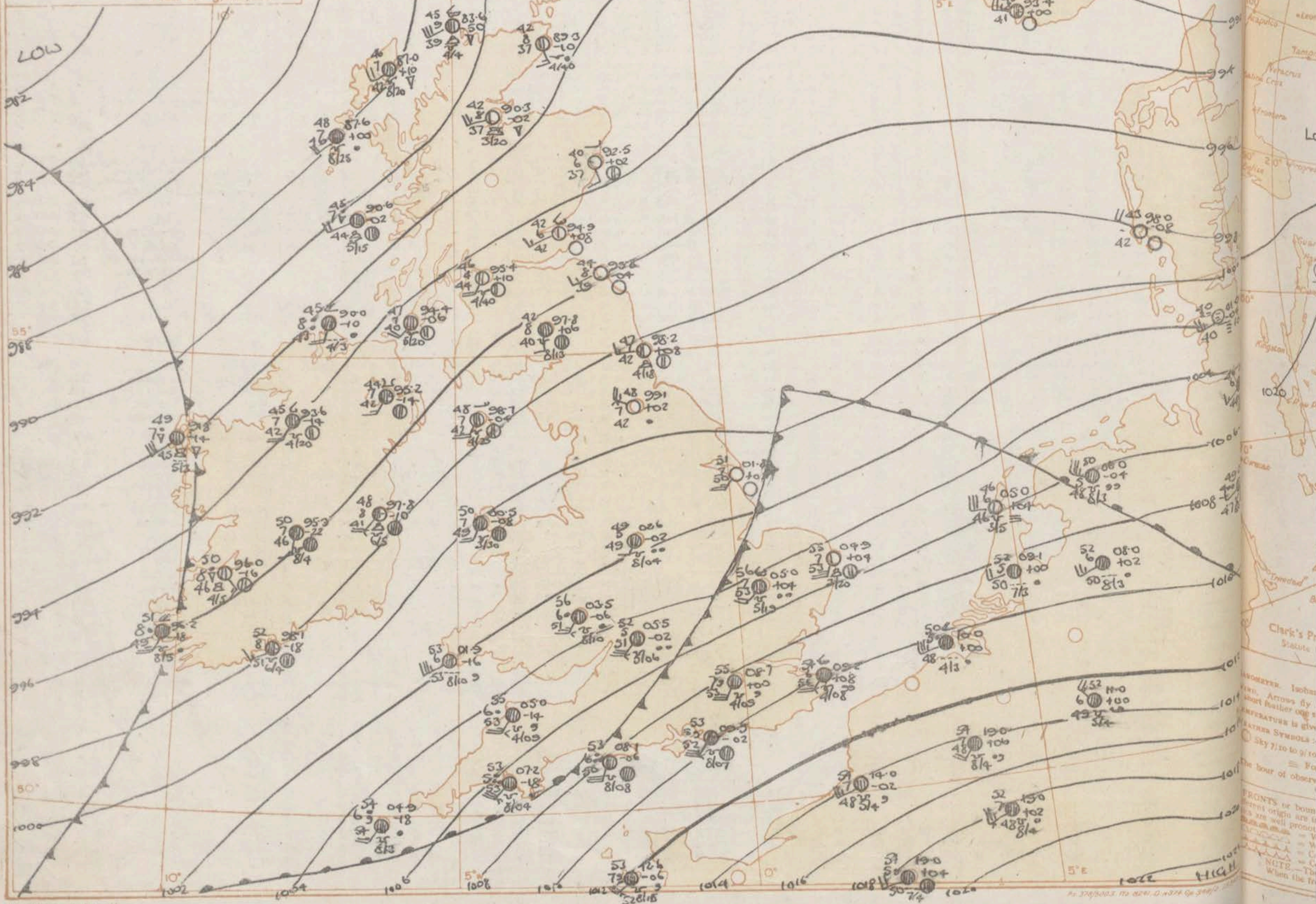
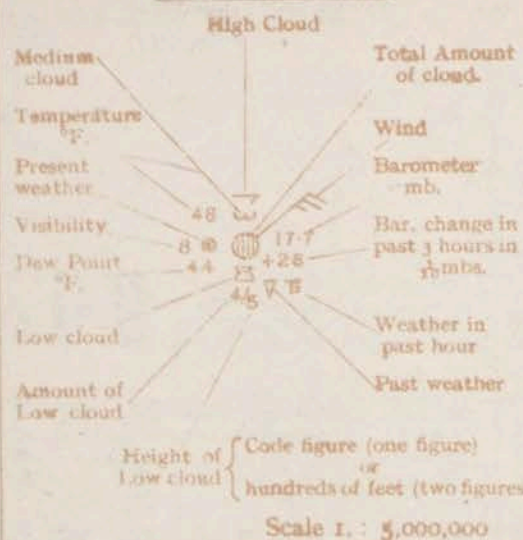
0 = Nil      2 =       4 =       6 =   
1 = Trace    3 =     5 =     7 = More than 9 but with openings.



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



## STATION MODEL



6th Friday 11th January 1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		
Kew	cmo	cmo	cmo	53	53	52	1	1	1.0	
Croydon	bcm	cmo	cmo	55	52	48	1	3	1.9	90
Greenwich	bce	cmo	cmo	53	53	48	0.8	3.1	0.9	74
Westminster				55	47	45		3.1		84
Regents Park				55	47	44		3.0		80
Camden Square	b	od	cmo	52	50	43	0.5	2.8		98
Kensington	bc	bc		52	50	48	0.1	2.5		94
Hampstead	bce	od	or	51	51	46	1.4	1.0		99

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max 0.2. Time 0.0. Min 0.0. Time 0.0. 11h.



### GENERAL INFERENCE

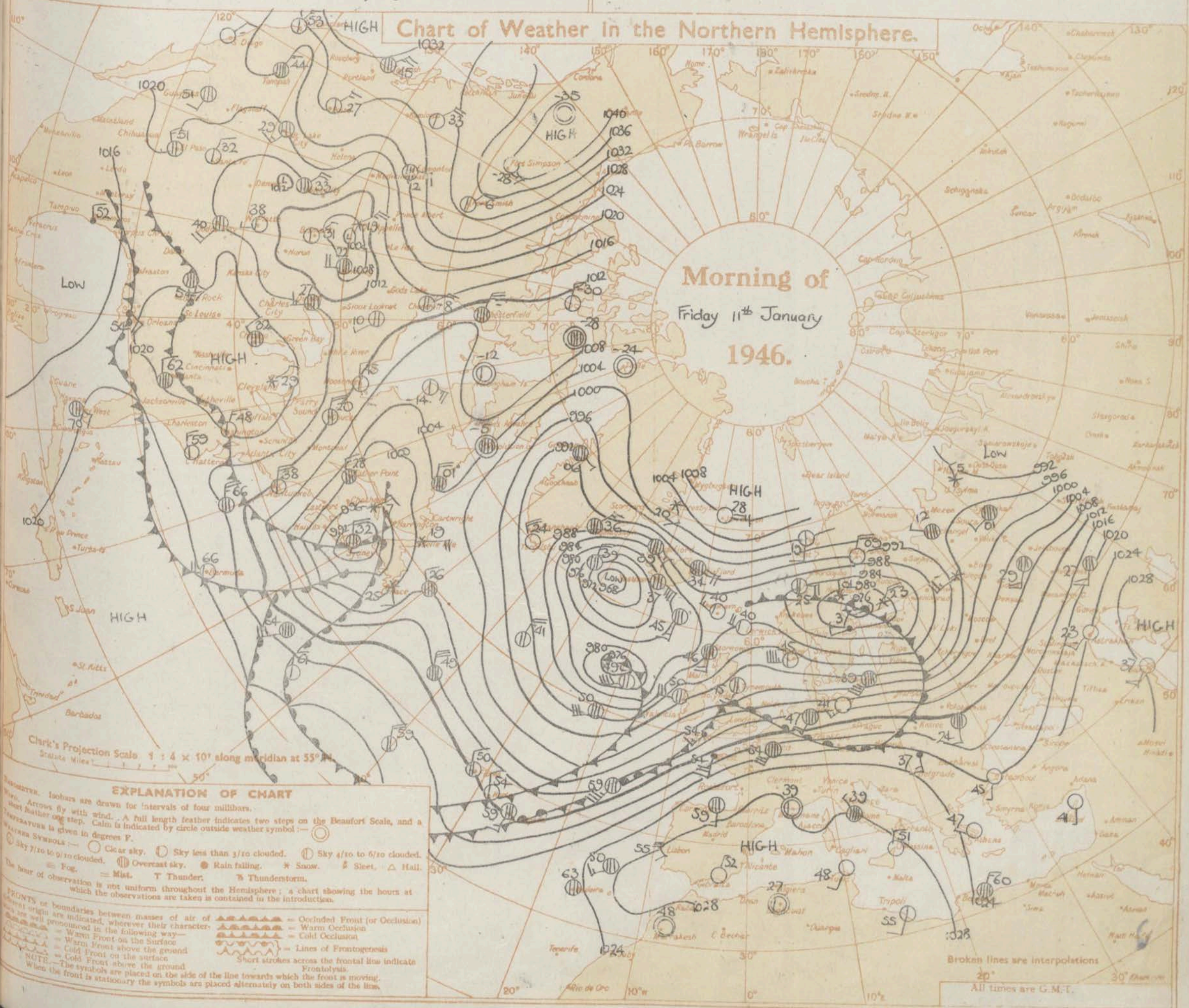
A small disturbance moving east-northeast across Wales and the North Midlands will give a period of continuous rain in most districts south of the Humber. It will be followed by slowly improving conditions though the extreme south-east will have occasional rain for much of the period. A weak trough moving east across Ireland and Scotland will give local rain followed by showers, especially in western districts where they may be heavy at times with local thunder. A southwesterly gale will occur in most of the country south of Pembroke - Humber later. It will be mild in most areas, very mild in the south at first.

### FURTHER OUTLOOK

Showers at first especially in the west and north. Rain spreading eastwards later with chance of gales. Gale warnings in operation in district 5 time of issue 0800 GMT 10th. in districts 1, 2, 3 & 4 time of issue 0500 11th. and in district 4 time of issue 0340 11th Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 11th January  
1946.



### EXPLANATION OF CHART

**ISOBARS.** Isobars are drawn for intervals of four millibars. 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. **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. **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. **OCCLUDED FRONT (or Occlusion)** Warm Occlusion Cold Occlusion **Lines of Frontogenesis** Short strokes across the frontal line indicate Frontolysis. **BROKEN LINES** are interpolations. **ALL TIMES** are G.M.T.








THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Friday 11<sup>th</sup> January

No. 30731

[illegible]

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

0 = Nil      2 =       4 =       6 =       8 = Completely covered.  
1 = Trace      3 =       5 =       7 = More than 9 but with openings.      9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 20, 30, 31, 32.

A = Lowest cloud present.  
B = Next lowest cloud.

\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.

0 = Nil  
1 = Trace



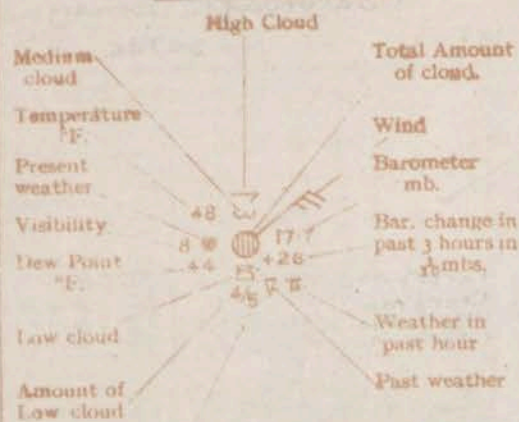
OBSERVATIONS at 12h. G.M.T. 11<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 11<sup>th</sup> January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 11 <sup>th</sup> January														OBSERVATIONS at 18h. G.M.T. 11 <sup>th</sup> January														OBSERVATIONS during DAY													
STATIONS.	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.			Weather.	Max. Temp. 24h.	Sun-shine Hrs.	Rain 24h.																	
			Dir.	Force.				Form.	Amount.	Dir.			Force.	Form.				Amount.																							
																			Low.	Med.					High.	Low.	Med.	High.	Low.	Med.	High.										
(For heights see p. 4.)	mb.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)																
1 Kew	05.4	-8	SW	6	55	52	6				03.6	-6	SW	5	53	51	6				Forcero	55	6.0	2																	
Croydon	05.2	-8	SW	5	55	52	6				04.9	-14	SW	5	53	52	6				Forcero	55	6.0	2																	
Boscombe Down	06.0	-20	SW	7	55	52	6				04.6	-12	SW	6	52	52	6				Forcero	55	6.0	2																	
Tangmere	08.9	-4	SSW	7	55	52	6				04.6	-12	SW	6	52	52	6				Forcero	55	6.0	2																	
Friston	08.9	-4	SSW	7	55	52	6				04.6	-12	SW	6	52	52	6				Forcero	55	6.0	2																	
2 Lymington	09.3	-12	SW	7	52	52	5				06.1	-16	SW	7	51	51	6				Forcero	53	2.6	2																	
Manston	07.5	-22	SSW	6	52	52	5				06.0	-16	SSW	6	52	52	6				Forcero	53	2.6	2																	
Westfield	07.8	-22	SSW	6	52	52	5				06.0	-16	SSW	6	52	52	6				Forcero	53	2.6	2																	
Woodbridge	05.4	-22	SSW	6	52	52	5				06.0	-16	SSW	6	52	52	6				Forcero	53	2.6	2																	
Corlestone	04.4	-4	SW'S	6	52	52	6				06.0	-16	SW'S	6	52	52	6				Forcero	53	2.6	2																	
3 Mildenhall	03.1	-18	SW'S	6	52	52	7				01.8	+10	SW'S	5	53	51	6				Forcero	53	2.6	2																	
Langham	02.1	-24	SW	5	52	52	6				01.1	+16	SW	5	53	51	6				Forcero	53	2.6	2																	
Waddington	00.0	-24	SW	5	52	52	6				00.0	+6	SW	5	53	51	6				Forcero	53	2.6	2																	
Cranfield	01.5	-32	SW	5	52	52	6				02.1	+14	SW	5	53	51	6				Forcero	53	2.6	2																	
Honiley	00.7	-22	SW	5	52	52	6				01.2	+12	SW	5	53	51	6				Forcero	53	2.6	2																	
4 Little Rissington	02.1	-26	SW	7	52	52	5				02.4	+6	SW	5	53	51	6				Forcero	53	2.6	2																	
Madley	02.3	+6	SW	7	52	52	5				02.3	+6	SW	5	53	51	6				Forcero	53	2.6	2																	
Bristol	03.4	-16	SSW	7	52	52	5				03.4	-16	SSW	7	52	52	5				Forcero	53	2.6	2																	
Chivenor	03.6	-16	SSW	7	52	52	5				03.7	-16	SSW	7	52	52	5				Forcero	53	2.6	2																	
Yeovilton	04.5	-16	SSW	7	52	52	5				04.0	-16	SSW	7	52	52	5				Forcero	53	2.6	2																	
5 Portland Bill	07.9	-4	SSW	7	52	52	6				06.2	-2	SW	7	52	52	6				Forcero	53	2.6	2																	
Exeter	05.1	-10	SSW	7	52	52	6				04.7	-2	SW	7	52	52	6				Forcero	53	2.6	2																	
Plymouth	05.8	-14	SSW	7	52	52	6				05.9	-2	SSW	7	52	52	6				Forcero	53	2.6	2																	
St. Eval	04.8	-10	SSW	7	52	52	6				04.8	-10	SSW	7	52	52	6				Forcero	53	2.6	2																	
Fredannack	05.2	-10	SSW	7	52	52	6				05.1	-10	SSW	7	52	52	6				Forcero	53	2.6	2																	
Guernsey	12.0	-10	SSW	7	52	52	6				02.1	-6	SSW	7	52	52	6				Forcero	53	2.6	2																	
6 Schily, St. Marys	04.3	+16	SSW	5	52	52	6				04.4	+2	SSW	5	52	52	6				Forcero	53	2.6	2																	
Fairwood	02.1	-10	SW	5	52	52	6				01.8	+2	SSW	5	52	52	6				Forcero	53	2.6	2																	
Pembroke	09.4	+0	SSW	7	52	52	6				00.8	-6	SSW	7	52	52	6				Forcero	53	2.6	2																	
Aberporth	08.6	-6	SSW	7	52	52	6				00.8	-6	SSW	7	52	52	6				Forcero	53	2.6	2																	
Pearbos	08.6	-6	SSW	7	52	52	6				00.8	-6	SSW	7	52	52	6				Forcero	53	2.6	2																	
7 Holyhead, Valley	08.3	-6	SSW	5	52	52	6				08.7	-2	SW	5	52	52	6				Forcero	53	2.6	2																	
Hawarden	09.0	-12	SSW	5	52	52	6				09.3	+4	SSW	5	52	52	6				Forcero	53	2.6	2																	
Manchester	08.2	-20	SSW	4	52	52	6				09.1	+6	SSW	4	52	52	6				Forcero	53	2.6	2																	
Squires Gate	04.4	-26	SSW	4	52	52	6				04.5	+8	SSW	5	52	52	6				Forcero	53	2.6	2																	
Crosby	04.4	-26	SSW	4	52	52	6				04.5	+8	SSW	5	52	52	6				Forcero	53	2.6	2																	
8 Ashbourne	09.3	-22	SW	4	52	52	5				00.1	+6	SW	4	52	52	5				Forcero	53	2.6	2																	
Finningley	07.6	-30	SSW	4	52	52	5				08.7	+4	SSW	4	52	52	5				Forcero	53	2.6	2																	
Spurn Head	09.6	-20	SSW	4	52	52	5				08.7	+4	SSW	4	52	52	5				Forcero	53	2.6	2																	
Leeming	06.6	-18	SSW	4	52	52	5				06.4	-6	SW	4	52	52	5				Forcero	53	2.6	2																	
Tynemouth	05.0	-32	SW	2	52	52	5				04.6	+4	SW	3	52	52	5				Forcero	53	2.6	2																	
9 Acklington	03.8	-26	SW	3	52	52	6				02.9	+10	SSW	5	52	52	6				Forcero	53	2.6	2																	
St. Abb's Head	00.6	-32	SW	6	52	52	6				01.0	+10	SW	4	52	52	6				Forcero	53	2.6	2																	
Leuchars	01.5	-28	SSW	4	52	52	6				01.7	+2	SSW	4	52	52	6				Forcero	53	2.6	2																	
Arbroath	01.4	-24	SSW	4	52	52	6				01.7	+2	SSW	4	52	52	6				Forcero	53	2.6	2																	
Abbotsloch	01.4	-22	SW	4	52	52	6				00.8	-2	SW	6	52	52	6				Forcero	53	2.6	2																	
10 Prestwick	02.7	-10	SW	5	52	52	6				02.3	+2	SW	4	52	52	6				Forcero	53	2.6	2																	
West Freugh	04.3	-12	SSW	5	52																																				



# STATION MODEL



Code figure (one figure) or hundreds of feet (two figures)  
Scale 1 : 5,000,000

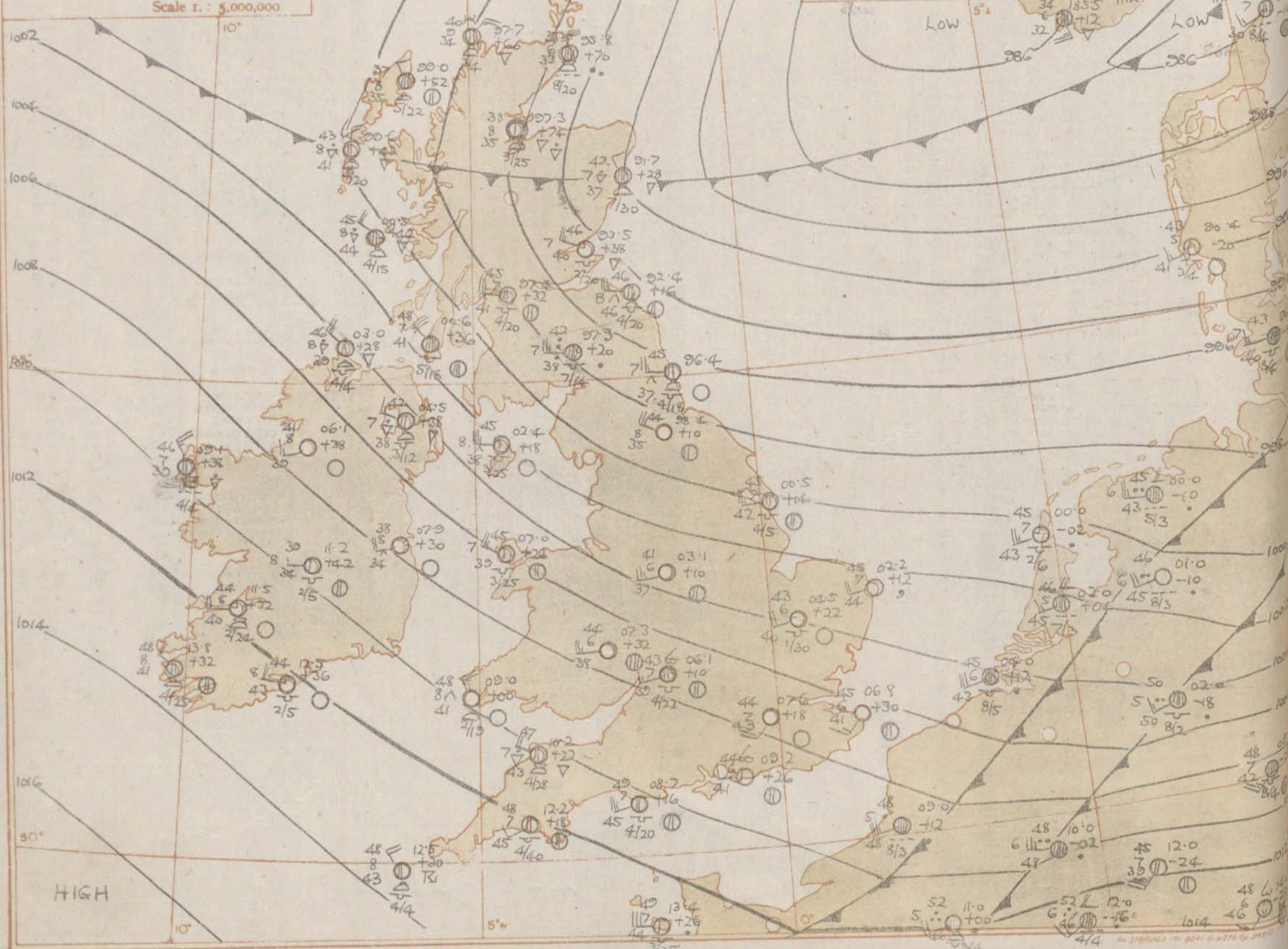
6h Saturday 12th January, 1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		
Kew	cr, r, m	dir, r, m	cd, r, m	55	45	40	2	3	0.0	92
Croydon	cr, r, m	cd, r, m	cd, r, m	56	44	42	5	3	0.0	97
Greenwich	cr, r, m	cd, r, m	cd, r, m	55	44	38	Tr	2	0.0	89
Westminster	rdg	rdg	rdg	57	44	39	5			96
Regents Park				56	44	40	1	5		87
Canterbury	c	c		55	44	39	2	4		85
Kensington	cd	cr		56	44	39	2	5		98
Hampstead	or	or	bc	51	41	34	4	3		80

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max. 0.1 Time 2-12h Min. 0.1 Time 12-23h





GENERAL INFERENCE

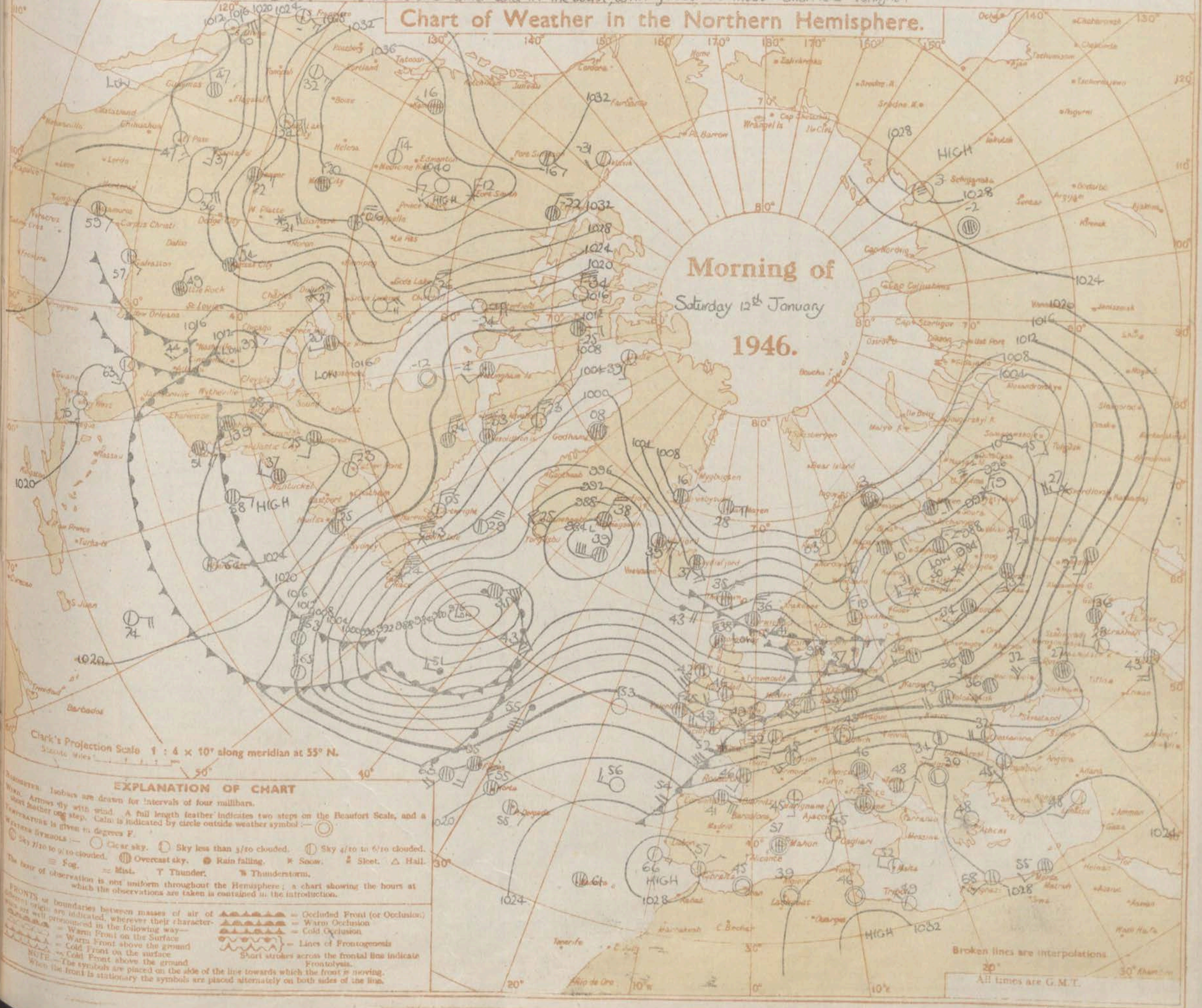
A developing wedge of high pressure is spreading east across the British Isles. Weather will be fine over much of East, Southeast and South England and the Midlands. There will be fair periods and scattered showers in Southwest England, Wales and the North Midlands, North England, and Northern Ireland, with snow on mountains, sleet and snow showers will occur in North and East Scotland, and there will be a few rain and sleet showers in West Scotland but weather will be fair in South Scotland. It will be cold in the North and rather cold in the South, with frost in most districts tonight.

Fair and cold.

FURTHER OUTLOOK

Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 12<sup>th</sup> January  
1946.



Clark's Projection Scale 1 : 4 x 10<sup>6</sup> along meridian at 55° N.  
Statute miles

EXPLANATION OF CHART

ISOBARS: Isobars are drawn for intervals of four millibars.  
WIND: Arrows show wind direction. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by a circle with a dot.  
TEMPERATURE: Temperature is given in degrees F.  
WEATHER SYMBOLS: ☉ Clear sky. ☁ Sky less than 5/10 clouded. ☂ Sky 5/10 to 6/10 clouded. ☃ Sky 6/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. ❄ Snow. ❄ Sleet. ⚡ Thunder. ⚡ Thunderstorm.  
FRONTS: Fronts are indicated by lines with various symbols. Warm Front: line with semicircles. Cold Front: line with triangles. Occluded Front: line with semicircles and triangles. Stationary Front: line with alternating semicircles and triangles. 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.

Broken lines are interpolations.  
All times are G.M.T.



OBSERVATIONS at 00hr. G.M.T. 12th January															OBSERVATIONS at 06hr. G.M.T. 12th January															OBSERVATIONS during 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	Form			Amount	Height of Base Hundreds of feet				Form	Amount	Height of Base Hundreds of feet	rth.-ooh.	ooh.-ooh.		Min. °F.	Min. on Gram °F.					
											Low.	Med.																		High.	Total		Low.	Med.
1	Kew	16	04.1	-2	WSW	4	49	49	6	8	8	8	8	10	07.2	+20	WSW	3	mo	43	40	6	5	5	5	21	1	cd r. oc	cmo	45	40	3		
	Croydon	217	04.1	-2	WSW	4	49	49	6	8	8	8	8	10	07.6	+18	SW	4	b	44	43	7	5	5	5	21	1	cd r. oc	cmo	44	42	3		
	Boscombe Down	417	04.3	-2	WS	5	47	48	4	5	5	5	5	9	08.8	+20	WSW	3	mo	43	41	6	5	5	5	20	1	cd r. oc	cmo	41	37	4		
	Tangmere	53	05.5	-2	SW	5	51	49	5	5	5	5	5	9	07.2	+26	N	2	mo	44	41	6	7	7	7	20	1	cd r. oc	cmo	44	43			
	Frinton																																	
2	Lymington	341	04.8	-8	SW	6	49	49	6	8	8	8	8	10	07.9	+24	SW	4	mo	42	41	6	5	5	5	21	1	cd r. oc	cmo	41	37	3		
	Manston	140	04.1	-8	SW	5	49	49	6	8	8	8	8	10	06.8	+30	SW	3	mo	43	41	6	5	5	5	21	1	cd r. oc	cmo	42	38	1		
	Wetherfield	317	03.2	-2	WS	3	49	48	6	8	8	8	8	10	05.8	+20	W	3	mo	43	42	6	5	5	5	21	1	cd r. oc	cmo	40	36	1		
	Woodbridge	91	02.8	+0	WSW	2	49	47	6	8	8	8	8	10	03.3	+16	WSW	4	b	43	40	7	5	5	5	21	1	cd r. oc	cmo	42	40	1		
	Corleston	5	01.4	-6	WS	3	50	50	6	8	8	8	8	10	02.2	+12	WS	4	b	45	44	7	5	5	5	21	1	cd r. oc	cmo	43	38	3		
3	Mildenhall	15	01.4	-4	SW	4	49	47	6	8	8	8	8	10	04.3	+22	WSW	4	mo	43	40	6	5	5	5	21	1	cd r. oc	cmo	42	38	1		
	Langham	335	00.7	-6	SW	4	49	46	6	8	8	8	8	10	02.8	+18	WSW	4	b	42	39	7	5	5	5	21	1	cd r. oc	cmo	42	39	1		
	Waddington	235	00.1	+0	WSW	4	49	47	6	8	8	8	8	10	02.3	+14	WS	3	mo	43	38	6	5	5	5	21	1	cd r. oc	cmo	41	36	1		
	Cranfield	340	02.3	+2	W	4	47	43	6	8	8	8	8	10	03.0	+12	W	4	mo	42	40	6	5	5	5	21	1	cd r. oc	cmo	41	38	1		
	Honiley	427	01.9	+8	WSW	4	46	44	6	8	8	8	8	10	04.9	+12	SW	3	cb	43	39	8	5	5	5	25	1	cd r. oc	cmo	43	35	1		
4	Little Rissington	731	02.4	+2	WSW	4	45	43	7	5	3	3	3	20	06.1	+10	WSW	3	cb	42	39	7	5	5	5	22	1	cd r. oc	cmo	42	35	1		
	Madley	270	03.1	+12	S	2	47	41	6	8	8	8	8	10	07.3	+22	WS	5	mo	44	38	6	5	5	5	21	1	cd r. oc	cmo	42	36	1		
	Bristol	209	02.5	+14	WSW	4	48	43	6	8	8	8	8	10	08.4	+18	W	4	mo	45	41	6	5	5	5	21	1	cd r. oc	cmo	41	37	1		
	Chivenor	20	06.2	+22	W	4	48	43	6	8	8	8	8	10	10.2	+22	WNW	4	pr	47	43	7	5	5	5	28	1	cd r. oc	cmo	43	41	1		
	Yeovilton	50	05.5	+18	W	3	49	45	6	8	8	8	8	10	09.0	+16	W	3	mo	46	40	6	5	5	5	21	1	cd r. oc	cmo	42	35	1		
5	Portland Bill	32	05.9	+0	SW	6	51	48	7	5	3	3	3	15	08.7	+16	WSW	5	b	49	48	7	5	5	5	20	1	cd	bcb	45	41	1		
	Exeter	100	06.2	+14	W	3	49	44	6	8	8	8	8	10	10.6	+22	W	2	pr	45	41	7	5	5	5	23	1	cd r. oc	cmo	43	41	1		
	Plymouth	86	07.3	+18	W	3	49	44	6	8	8	8	8	10	12.2	+18	WSW	2	b	48	43	7	5	5	5	40	1	cd r. oc	cmo	45	41	1		
	St. Eval	345	07.9	+22	WNW	4	48	44	6	8	8	8	8	10	11.9	+22	WNW	3	b	48	43	7	5	5	5	15	1	cd r. oc	cmo	45	41	1		
	Predannack	403	08.6	+26	W	4	48	43	6	8	8	8	8	10	12.7	+22	WNW	3	b	49	42	7	5	5	5	15	1	cd r. oc	cmo	48	41	1		
6	Guernsey	340	08.0	+16	SW	7	49	45	6	8	8	8	8	10	13.4	+26	W	6	b	49	44	7	5	5	5	25	1	cd r. oc	cmo	48	41	1		
	Scilly, St. Marys	163	08.3	+22	W	5	49	44	6	8	8	8	8	10	12.5	+30	NW	4	b	48	43	8	5	5	5	21	1	cd	bcb	46	41	1		
	Fairwood	268	04.7	+22	WNW	4	45	43	6	8	8	8	8	10	05.6	+22	W	3	b	49	42	8	5	5	5	25	1	cd r. oc	cmo	42	33	1		
	Pembroke	142	04.4	+26	NW	5	48	44	6	8	8	8	8	10	08.0	0	NW	5	b	48	41	8	5	5	5	19	1	cd r. oc	cmo	44	41	1		
	Aberporth	425	03.8	+22	WS	4	45	41	6	8	8	8	8	10	09.1	+30	W	5	b	45	38	8	5	5	5	15	1	cd r. oc	cmo	44	40	1		
7	Penrhos	63	07.2	+6	WSW	4	46	37	7	5	3	3	3	20	07.2	+6	WSW	4	b	46	37	7	5	5	5	20	0	cd	bcb	46	37	1		
	Holyhead, Valley	32	01.6	+24	WS	5	46	41	6	8	8	8	8	10	07.0	+26	WNW	5	b	45	39	7	5	5	5	25	0	cd	bcb	44	41	1		
	Hawarden	15	00.6	+10	WNW	2	46	37	8	8	8	8	8	10	04.5	+14	WNW	6	b	44	37	8	5	5	5	21	1	cd r. oc	cmo	43	34	1		
	Manchester	230	00.3	+14	SSW	3	44	39	6	8	8	8	8	10	04.4	+22	WSW	4	mo	44	39	6	5	5	5	21	1	cd r. oc	cmo	43	37	1		
	Squires Gate	33	04.8	-8	WSW	6	45	40	7	5	3	3	3	20	08.2	+14	WSW	6	b	44	38	7	5	5	5	22	1	cd r. oc	cmo	42	37	1		
8	Crosby	161	04.8	-8	WSW	6	45	40	7	5	3	3	3	20	08.2	+14	WSW	6	b	44	38	7	5	5	5	22	1	cd r. oc	cmo	42	37	1		
	Ashbourne	590	00.7	+2	SW	3	44	42	6	8	8	8	8	10	03.1	+10	WSW	5	mo	41	37	6	5	5	5	21	1	cd r. oc	cmo	41	36	1		
	Finningley	38	08.7	-2	SW	1	45	41	6	8	8	8	8	10	01.6	+14	W	5	z	45	37	6	5	5	5	31	1	cd r. oc	cmo	44	39	1		
	Spurn Head	19	08.7	-2	SW	4	45	41	6	8	8	8	8	10	00.5	+14	WS	5	z	45	37	6	5	5	5	21	0	cd	bcb	43	3			



Page 1

BRITISH  
SECTION

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Sunday 13th January, 1946  
No. 30783

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

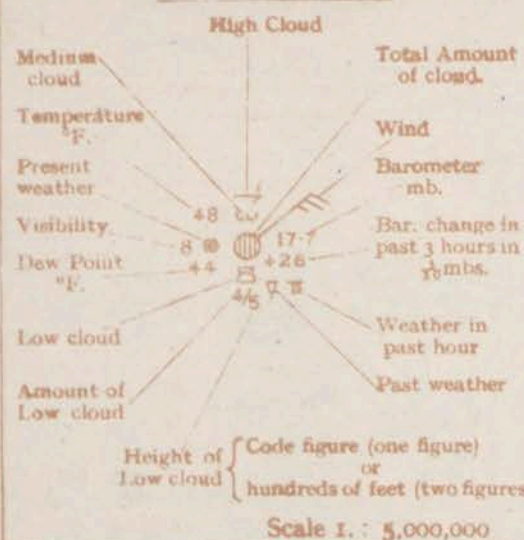
OBSERVATIONS at 18h. G.M.T. 12th January

OBSERVATIONS during DAY

District	Stations	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud			Height of Base Hundreds of feet	Barom. at M.S.L.	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# STATION MODEL



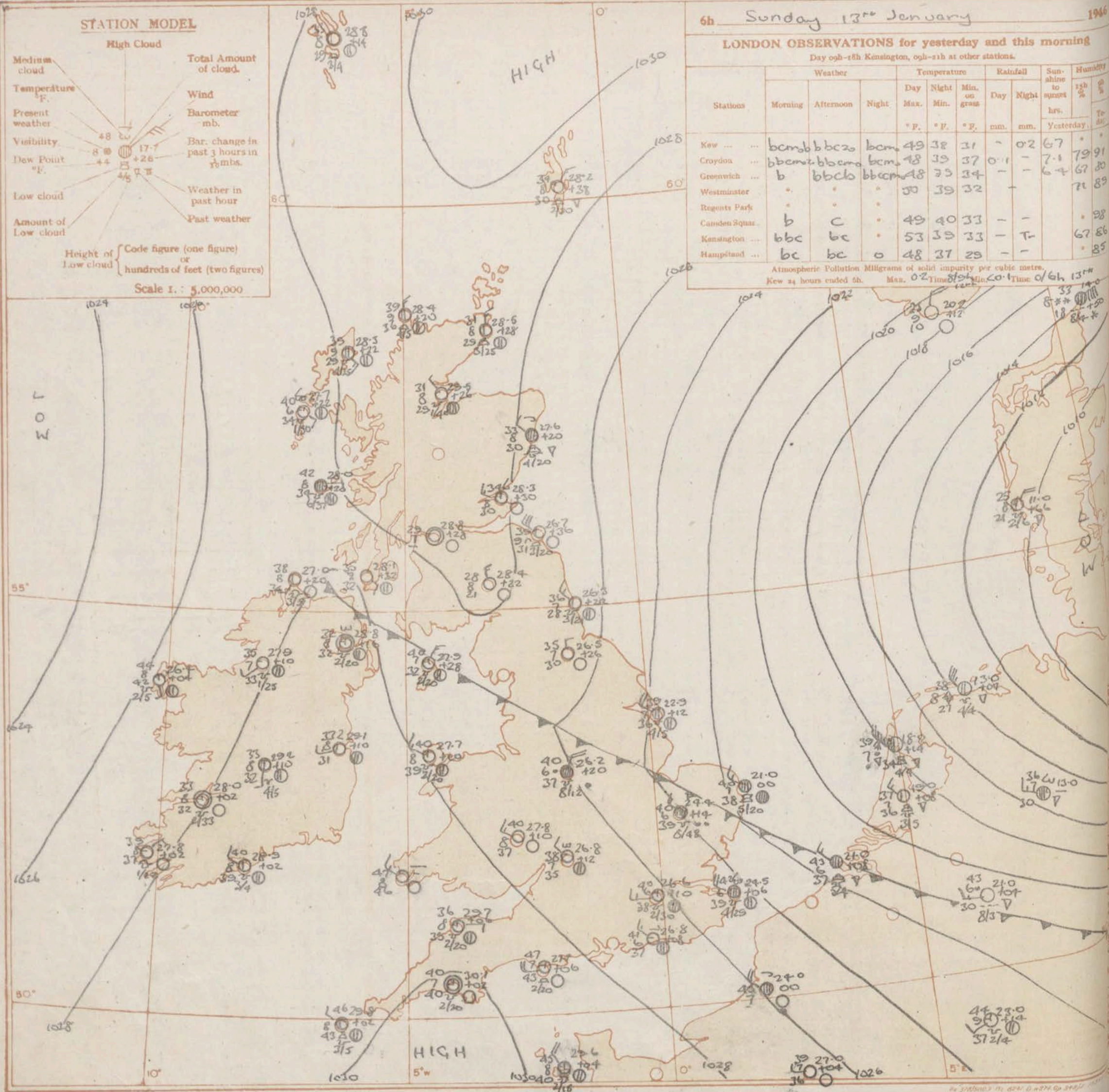
6h Sunday 13<sup>th</sup> January 1966

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on ground	Day	Night		Yesterday	To-day
Kew	bcmbb	bc20	bcmb	49	38	31	-	0.2	6.7	79	91
Croydon	bbcmz	bbcmz	bcmb	48	39	37	0.1	-	7.1	67	80
Greenwich	b	bbcb	bbcm	48	39	34	-	-	6.4	71	89
Westminster	.	.	.	50	39	32	-	-	.	.	.
Regents Park	.	.	.	49	40	33	-	-	.	98	.
Camden Square	b	c	.	53	39	33	-	T	6.7	86	.
Kensington	bbc	bc	.	53	39	33	-	-	.	.	.
Hampstead	bc	bc	0	48	37	29	-	-	.	85	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max. 0.2 Time 8/12h Min. 0.1 Time 0/6h 13<sup>th</sup>





## GENERAL INFERENCE

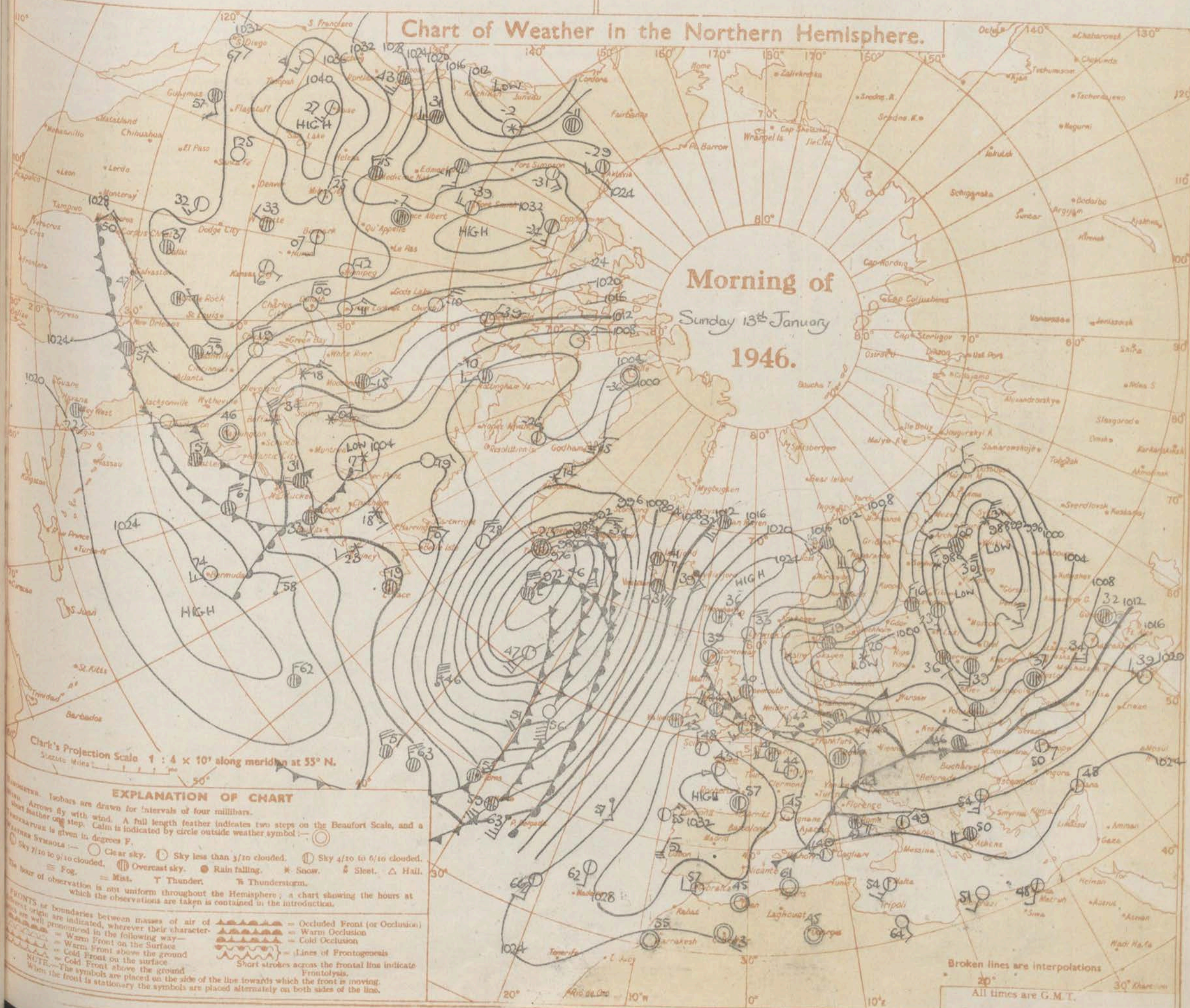
An anticyclone is building up to Northeast of Scotland and is moving slowly Southeast and intensifying. Weather will be mainly fair in the West but snow showers are probable in the Eastern half of England. It will be cold in all districts with hard night frost in the West and North.

## FURTHER OUTLOOK

Mainly fair and cold.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 13<sup>th</sup> January  
1946.



## EXPLANATION OF CHART






Isobars are drawn for intervals of four millibars.  
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. ⚡ 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  
— Cold Front on the surface  
— Cold Front above the ground  
— Warm 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.

Broken lines are interpolations  
20° 10° 0° 10° 20°  
All times are G.M.T.



[illegible]

0 = Nil    2 =     4 =     6 =   
1 = Trace    3 =     5 =     7 = More than 9 but with openings.

8 = Completely covered.  
9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.  
A = Lowest cloud present.  
B = Next lowest cloud.

† Second figure in col. (33) gives depth of snow in inches.



OBSERVATIONS at 12h. G.M.T. 13<sup>th</sup> JanuaryOBSERVATIONS at 18h G.M.T. 13<sup>th</sup> January

## OBSERVATIONS during DAY

OBSERVATIONS at 13h G.M.T. 13th January													OBSERVATIONS at 18h G.M.T. 13th January													OBSERVATIONS during DAY																					
Station	Barom. at M.S.L.	Change in 3 hours	Wind		Temp.	Dew Point	Visiblity	Cloud			Barom. at M.S.L.	Change in 3 hours	Wind		Temp.	Dew Point	Visiblity	Cloud			Barom. at M.S.L.	Change in 3 hours	Wind		Temp.	Dew Point	Visiblity	Cloud			State of Ground	Weather		Max. Temp. 24h.	Sun- shine Hrs.	Rain- fall mm.											
			Dir.	Force				Form	Amount	Form			Amount	Form				Amount	Form	Amount			Dir.	Force				Form	Amount	Form		Amount	Form				Amount	Dir.	Force	Form	Amount	Form	Amount	Form	Amount	06h.-12h.	12h.-18h.
1 Kew	30.9	+18	N.E.	3	42	31	4	-	-	-	30.9	+18	N.E.	3	42	31	4	-	-	-	30.9	+18	N.E.	3	42	31	4	-	-	-	0	cpr, cmas	bcb2, ob2	45	2.8	Tr											
2 Croydon	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	0	cpr, cmas	bcb2, ob2	45	2.8	Tr											
3 Hascombe Down	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	0	cpr, cmas	bcb2, ob2	45	2.8	Tr											
4 Tangmere	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	0	cpr, cmas	bcb2, ob2	45	2.8	Tr											
5 Priston	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	30.6	+18	N.E.	3	42	31	4	-	-	-	0	cpr, cmas	bcb2, ob2	45	2.8	Tr											
6 Lympne	29.0	+18	N.W.	5	46	41	23	9	2	2	29.0	+18	N.W.	5	46	41	23	9	2	2	29.0	+18	N.W.	5	46	41	23	9	2	2	0	bcb	bcb	43	4.3	Tr											
7 Manston	28.9	+18	N.W.	4	46	42	26	9	1	3	28.9	+18	N.W.	4	46	42	26	9	1	3	28.9	+18	N.W.	4	46	42	26	9	1	3	1	cpr, cmas	bcb2, ob2	44	4.3	Tr											
8 Wethersfield	30.4	+20	N	4	46	40	33	9	1	3	30.4	+20	N	4	46	40	33	9	1	3	30.4	+20	N	4	46	40	33	9	1	3	3	bcb	bcb	42	4.3	Tr											
9 Woodbridge	28.6	+22	N.W.	4	46	41	33	9	1	3	28.6	+22	N.W.	4	46	41	33	9	1	3	28.6	+22	N.W.	4	46	41	33	9	1	3	1	bcb	bcb	42	4.3	Tr											
10 Gorleston	27.7	+30	N	4	46	40	33	9	1	3	27.7	+30	N	4	46	40	33	9	1	3	27.7	+30	N	4	46	40	33	9	1	3	1	cpr, cmas	bcb2, ob2	42	4.3	Tr											
11 Mildenhall	29.9	+24	N.W.	3	46	41	33	9	1	3	29.9	+24	N.W.	3	46	41	33	9	1	3	29.9	+24	N.W.	3	46	41	33	9	1	3	1	bcb	bcb	42	4.3	Tr											
12 Langham	29.8	+24	N.W.	3	46	41	33	9	1	3	29.8	+24	N.W.	3	46	41	33	9	1	3	29.8	+24	N.W.	3	46	41	33	9	1	3	1	bcb	bcb	42	4.3	Tr											
13 Waddington	30.3	+22	N.W.	3	46	41	33	9	1	3	30.3	+22	N.W.	3	46	41	33	9	1	3	30.3	+22	N.W.	3	46	41	33	9	1	3	1	bcb	bcb	42	4.3	Tr											
14 Cranfield	31.1	+28	N.W.	3	46	41	33	9	1	3	31.1	+28	N.W.	3	46	41	33	9	1	3	31.1	+28	N.W.	3	46	41	33	9	1	3	1	bcb	bcb	42	4.3	Tr											
15 Honiley	32.1	+32	N	3	46	41	33	9	1	3	32.1	+32	N	3	46	41	33	9	1	3	32.1	+32	N	3	46	41	33	9	1	3	1	bcb	bcb	42	4.3	Tr											
16 Little Rissington	31.5	+22	N	2	46	41	33	9	1	3	31.5	+22	N	2	46	41	33	9	1	3	31.5	+22	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
17 Madley	31.5	+22	N	2	46	41	33	9	1	3	31.5	+22	N	2	46	41	33	9	1	3	31.5	+22	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
18 Bristol	31.5	+22	N	2	46	41	33	9	1	3	31.5	+22	N	2	46	41	33	9	1	3	31.5	+22	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
19 Chivenor	31.4	+14	N	2	46	41	33	9	1	3	31.4	+14	N	2	46	41	33	9	1	3	31.4	+14	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
20 Yeovilton	32.1	+14	N	2	46	41	33	9	1	3	32.1	+14	N	2	46	41	33	9	1	3	32.1	+14	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
21 Portland Bill	30.6	+14	N.W.	3	46	41	33	9	1	3	30.6	+14	N.W.	3	46	41	33	9	1	3	30.6	+14	N.W.	3	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
22 Exeter	31.8	+10	N	2	46	41	33	9	1	3	31.8	+10	N	2	46	41	33	9	1	3	31.8	+10	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
23 Plymouth	32.2	+10	N	2	46	41	33	9	1	3	32.2	+10	N	2	46	41	33	9	1	3	32.2	+10	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
24 St Eval	32.2	+10	N	2	46	41	33	9	1	3	32.2	+10	N	2	46	41	33	9	1	3	32.2	+10	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
25 Predannack	32.0	+4	N	2	46	41	33	9	1	3	32.0	+4	N	2	46	41	33	9	1	3	32.0	+4	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
26 Guernsey	31.7	+4	N	2	46	41	33	9	1	3	31.7	+4	N	2	46	41	33	9	1	3	31.7	+4	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
27 Scilly, St. Marys	31.6	+6	S.W.	2	46	41	33	9	1	3	31.6	+6	S.W.	2	46	41	33	9	1	3	31.6	+6	S.W.	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
28 Fairwood	32.1	+10	N	2	46	41	33	9	1	3	32.1	+10	N	2	46	41	33	9	1	3	32.1	+10	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
29 Pembroke	32.1	+10	N	2	46	41	33	9	1	3	32.1	+10	N	2	46	41	33	9	1	3	32.1	+10	N	2	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
30 Aberporth	31.9	+14	N.W.	3	46	41	33	9	1	3	31.9	+14	N.W.	3	46	41	33	9	1	3	31.9	+14	N.W.	3	46	41	33	9	1	3	3	cpr, cmas	bcb2, ob2	40	4.3	Tr											
31 Penrhos	31.7	+22																																													







## GENERAL INFERENCE

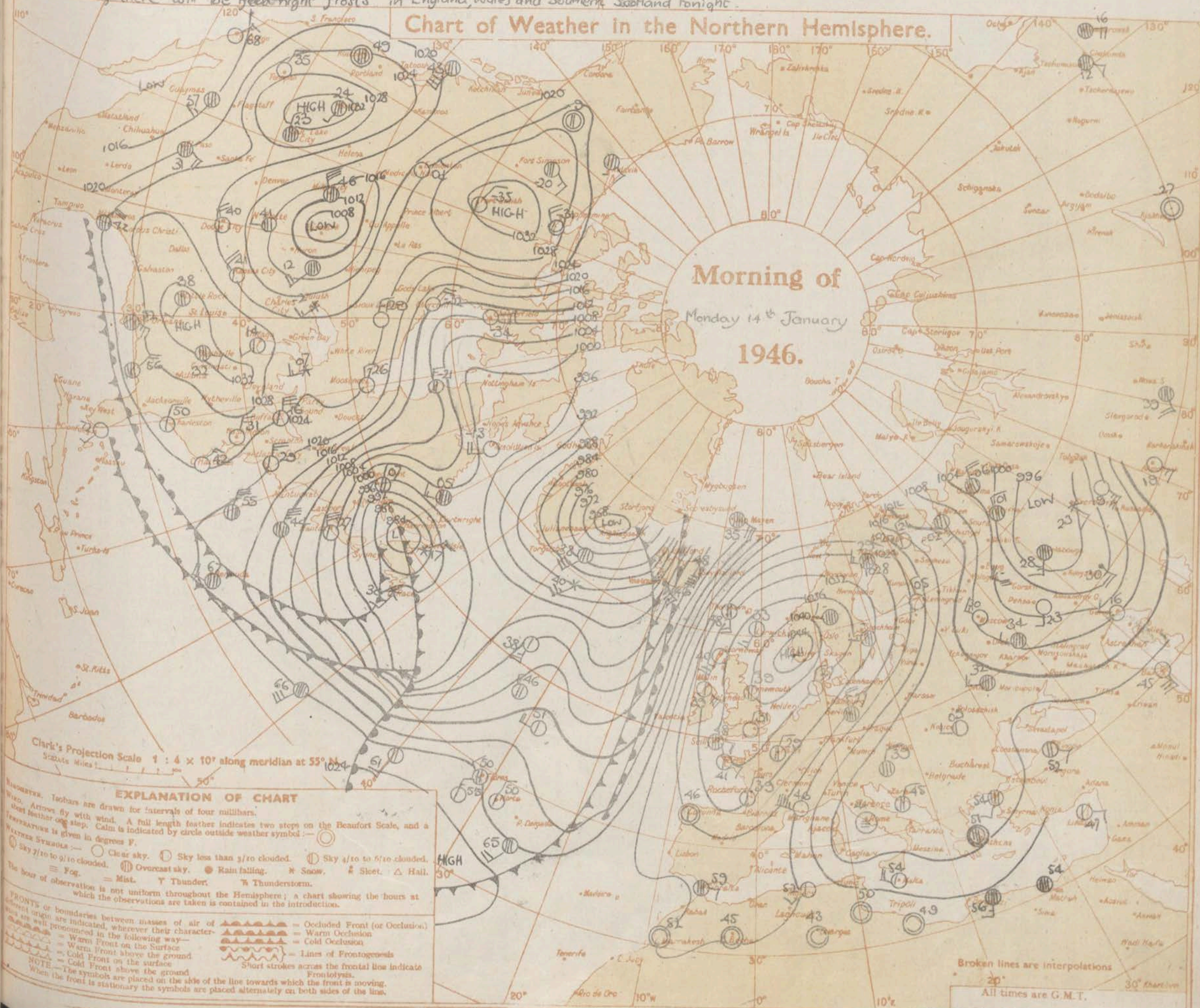
An anticyclone covers the North Sea and neighbouring parts of the British Isles and the Continent, and is slowly moving south or Southeast. Fair or fine conditions will be maintained over the greater part of the British Isles but in the extreme West and Northwest it will be slowly with occasional slight rain or drizzle. It will be cold in the eastern half of the British Isles, and rather cold in the West; there will be keen night frosts in England, Wales and Southern Scotland tonight.

## FURTHER OUTLOOK

Rather similar.  
 ▼ Gale warning in operation in districts 12, 13A, 13B, 15, 16, 17, 18, 19, 20. Time of issue 2300 GMT. 13th Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of  
 Monday 14<sup>th</sup> January  
 1946.






[illegible]

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

Columns 13, 14, 15: 16, 20, 30, 31, 32.

\* Information not usually received.

† Second figure in col. (33) gives depth of snow in inches.

0 = Nil      2 =       4 =       6 =       8 = Completely covered.  
1 = Trace      3 =       5 =       7 =       9 = Sky obscured by fog, etc.

A = Lowest cloud present.  
B = Next lowest cloud.

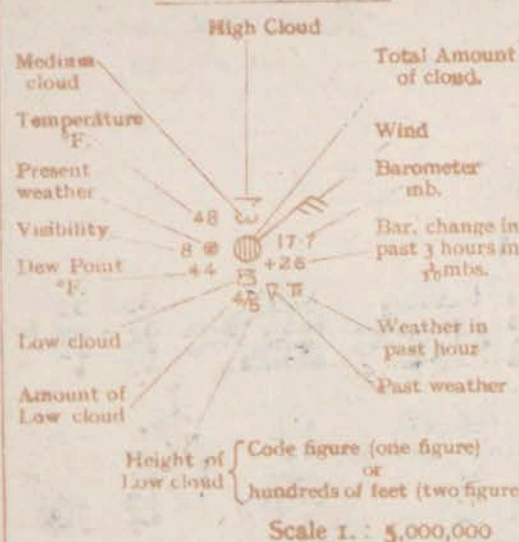
Second figure in col. (33) gives depth of snow in inches.







# STATION MODEL



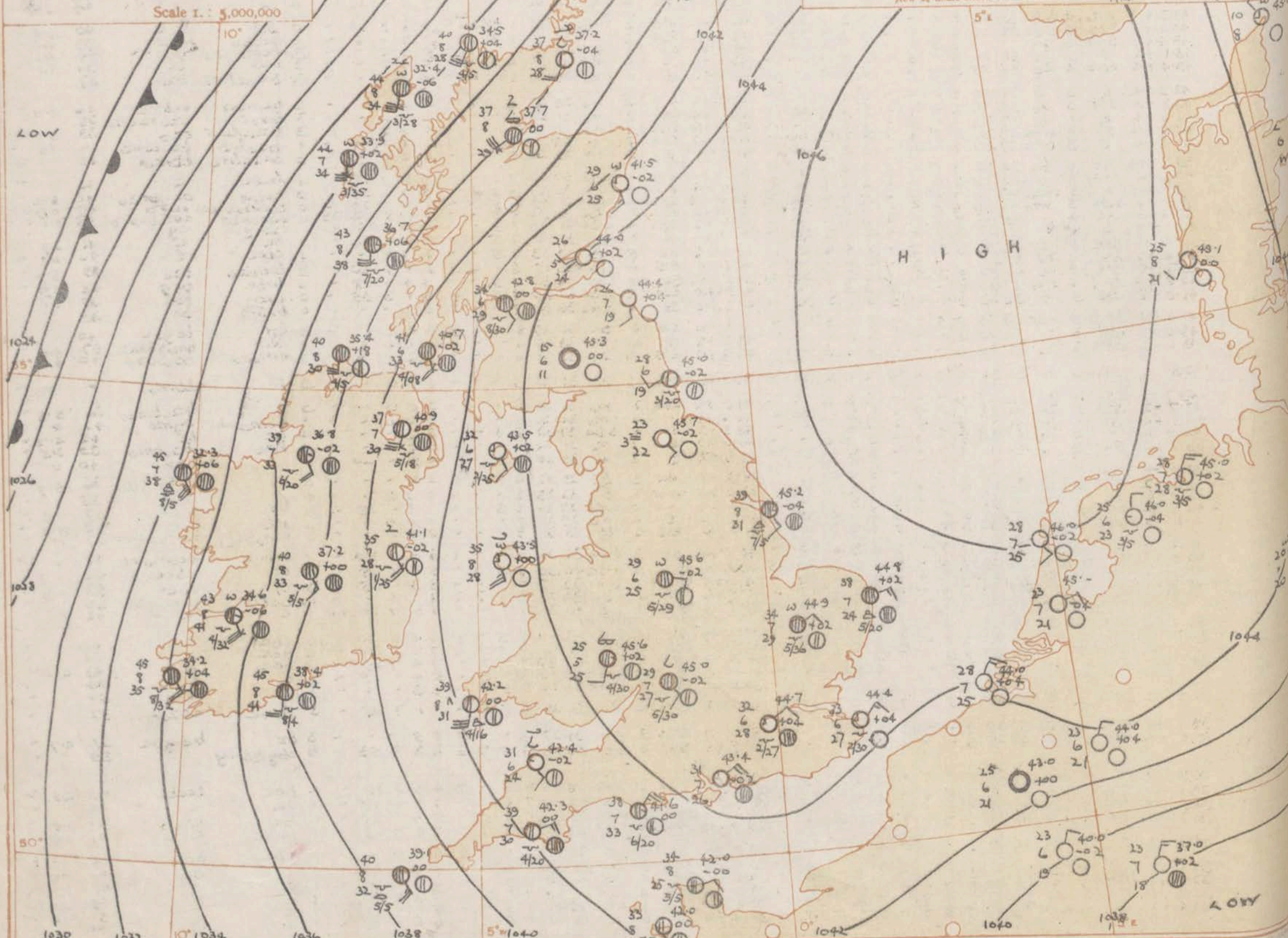
6h Tuesday 15th January

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		
Kew	b2.2y	b2.2y	b2.2y	39	33	24	-	Tr	3.3	85
Croydon	cmobcm	b2.2y	cmobcm	37	29	29	Tr	-	4.4	67
Greenwich	ob	by	b2.2y	38	31	24	-	-	3.4	58
Westminster	.	.	.	39	34	30	-	-	65	76
Regents Park	.	.	.	39	33	25	-	-	65	75
Canterbury	c	bc	.	38	33	23	-	-	68	79
Kensington	bc	bc	.	45	33	26	-	-	68	65
Hampstead	bc	bcx	bcx	36	31	22	-	-	68	80

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max 0.4 Time 14h Min 0.1 Time 15h





# GENERAL INFERENCE

An anticyclone centred over the North Sea is moving slowly south west. Weather will be fair or fine and cold in most districts with hard frost in much of England, Wales and parts of South Scotland at night. Winds will be strong to gale force in West and northwest Scotland.

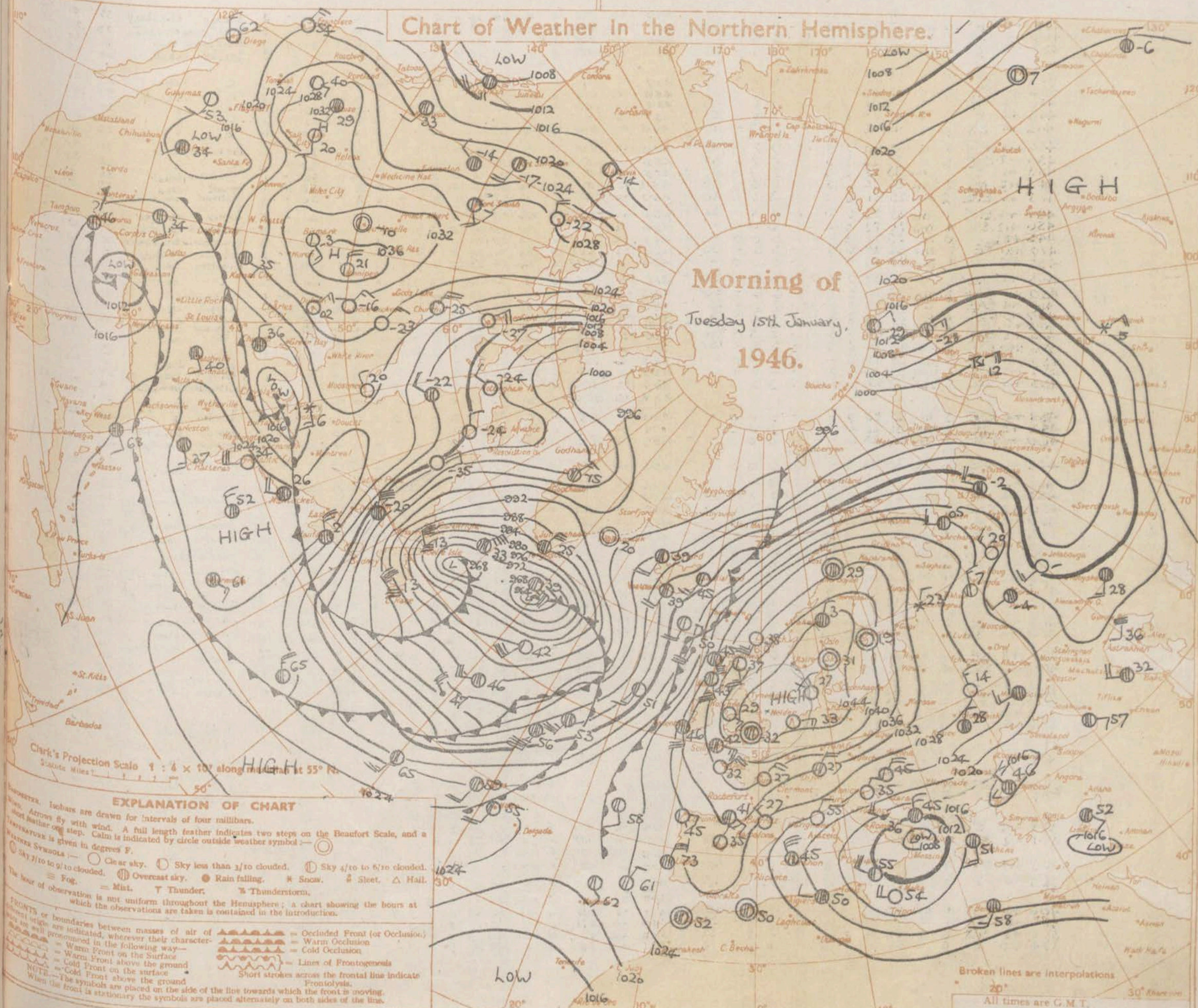
# FURTHER OUTLOOK

Little change in the South; some rain spreading across West and north Scotland, with temperatures rising somewhat in these areas but gales continuing.

↓ Gale warning in operation in districts 12, 13A, 13B, 15, 16, 17 and 20. Time of issue 2300 G.M.T. 13th Jan. 1946.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 15th January,  
1946.



Clark's Projection Scale 1 : 4 × 10<sup>7</sup> along meridian at 55° N.  
Scale in Miles

### EXPLANATION OF CHART

**ISOBARS.** Isobars are drawn for intervals of four millibars.  
**ISOTHERMS.** Isotherms are drawn for intervals of 1°C.  
**WINDS.** Arrows show wind direction. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by a circle with a dot.  
**WEATHER.** Weather is given in degrees F.  
**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.  
**FRONTS.** 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.  
**FRONT TYPES.** 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  
**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.

Broken lines are interpolations  
20°  
All times are G.M.T.



OBSERVATIONS at 00hr. G.M.T. 15<sup>th</sup> January

OBSERVATIONS at 06 hr. G.M.T. 15<sup>th</sup> January 9 h

## OBSERVATIONS during NIGHT

[illegible]

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

Columns 13, 14, 15: 16, 20, 30, 31, 32

A = Lowest cloud present.

B = Next lowest cloud.

† Second figure in col. (33) gives depth of snow in inches.

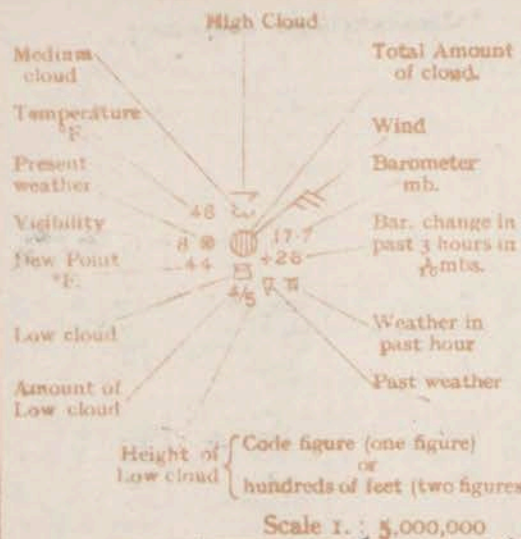
0 = Nil  
1 = Trace



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



# STATION MODEL



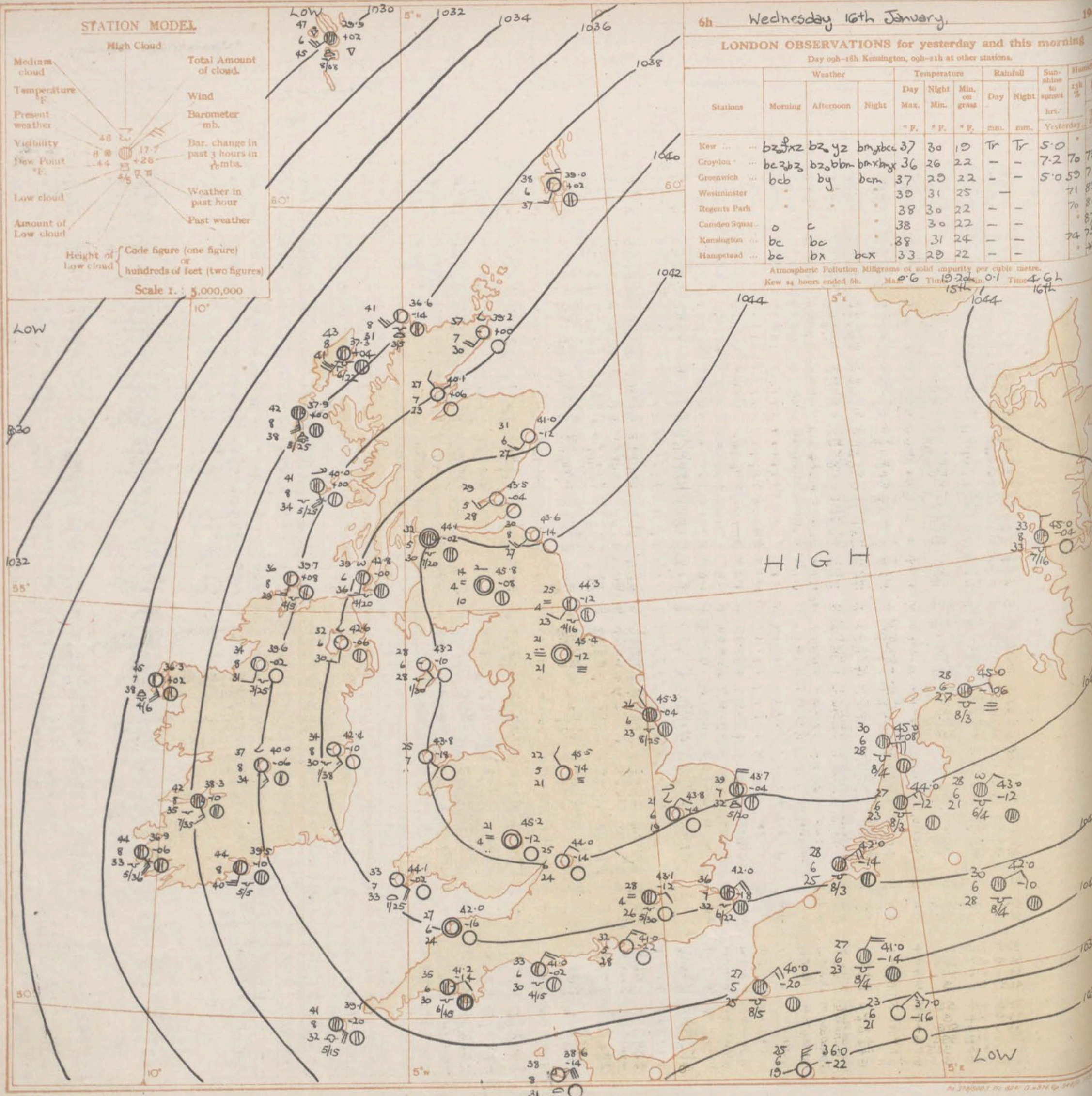
6h Wednesday 16th January.

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 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		
Kew	bz fxz	bz yz	bz xbc	37	30	19	Tr	Tr	5.0	75
Croydon	bc zbz	bz bbm	bz xbc	36	26	22	-	-	7.2	70
Greenwich	bc b	by	bcm	37	29	22	-	-	5.0	59
Westminster				39	31	25	-	-	7.1	85
Regents Park				38	30	22	-	-	7.0	86
Camden Square	o	c		38	30	22	-	-	7.4	79
Kensington	bc	bc		38	31	24	-	-		
Hampstead	bc	bx	bcx	33	29	22	-	-		

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max. 0.6 Time 19.24 Min. 0.1 Time 4.6h



An antiquary  
Weather  
there was  
and none  
in many  
South - I

Clark's Pro  
Statute

FRONTS be bound  
fronts are in  
are well pronounced  
= W  
= C  
= F  
NOTE - The  
When the fr



# GENERAL INFERENCE

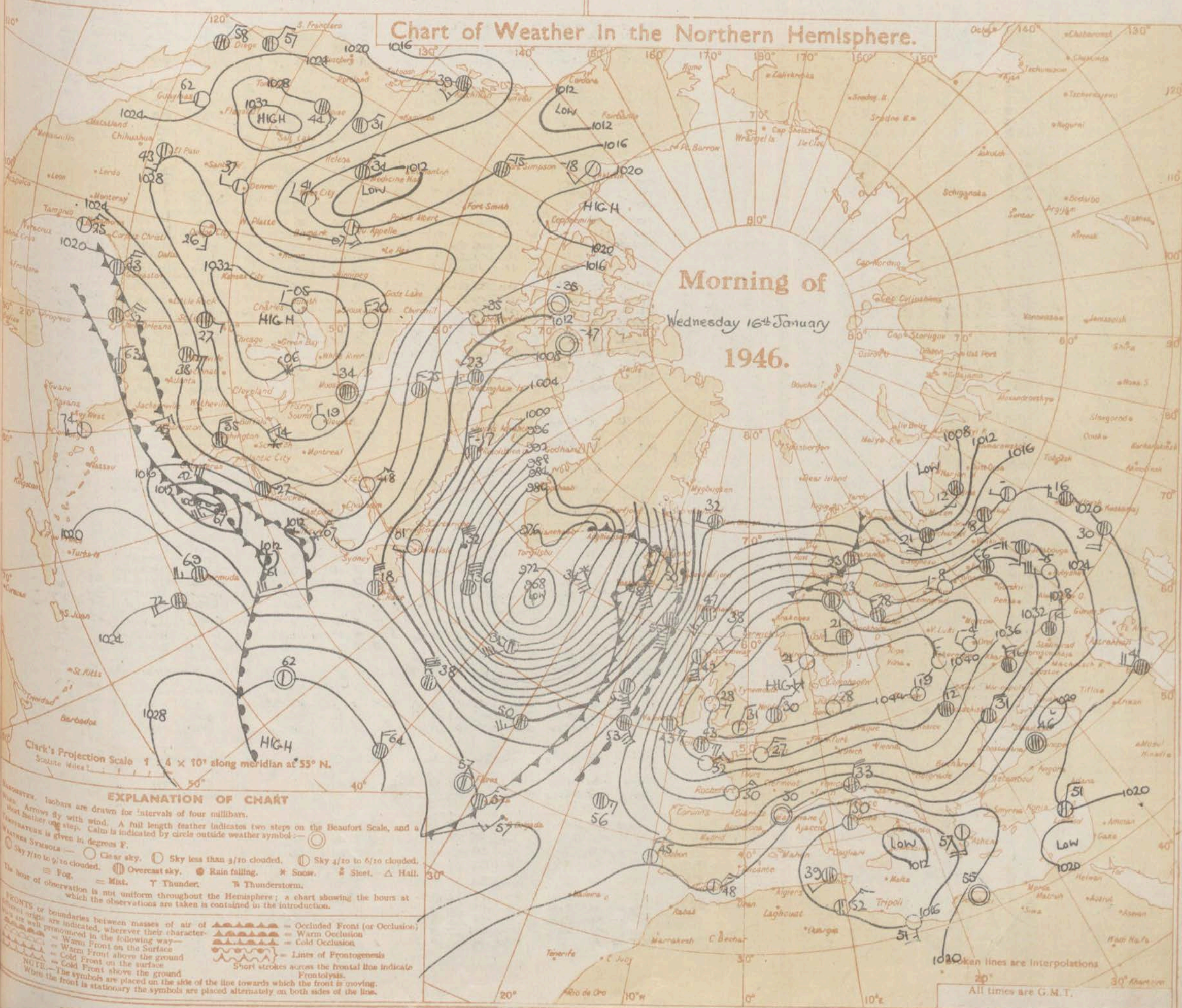
An anticyclone over the North Sea is moving slowly northwards. Weather will be mainly fair over the British Isles, though there will be much haze and local fog in the North Midlands and Northern England. There will be considerable bright periods in many districts, but cloud will become more extensive in the South. It will be generally cold, with night frosts in the North.

# FURTHER OUTLOOK

Similar.  
▼ Gale warning in operation in district 13B issued 2300  
13<sup>th</sup> Jan 1946

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 16<sup>th</sup> January  
1946.





OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON






OBSERVATIONS at 00hr. G.M.T. 16th January

OBSERVATIONS at 06hr. G.M.T. 16<sup>th</sup> January

OBSERVATIONS during NIGHT

[illegible]

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

0 = Nil    2 =     4 =     6 =   
1 = Trace    3 =     5 =     7 = More than 6 but with openings.

8 = Completely covered.  
9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.  
A = Lowest cloud present.  
B = Next lowest cloud.

† Second figure in col. (33) gives depth of snow in inches.

0 = Nil  
1 = Trace



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Thursday 17th January, 1946  
No. 30737

OBSERVATIONS at 12h. G.M.T. 16th January

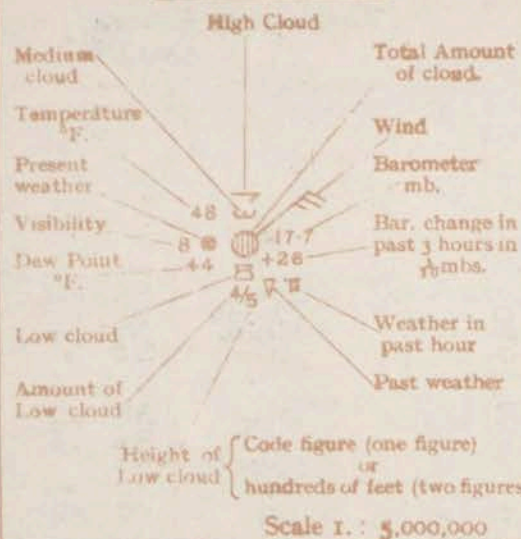
OBSERVATIONS at 18h. G.M.T. 16th January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 16th January																	OBSERVATIONS at 18h. G.M.T. 16th January																	OBSERVATIONS during DAY																
Station.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of 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.			Max. Temp. 24h. °F.	Sun- shine Hrs.	Rain 24h. mm.																			
			Dir.	Force.				Form.	Amount.	Dir.	Force.				Form.	Amount.				06h.-12h.	12h.-18h.	18h.-24h.																												
																							Low.			Med.	High.	Total.				Low.	Med.	High.	Total.	Low.	Med.	High.	Total.											
(For heights see p. 4.)	mb.	(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)											
1 Kew	35.8	-14	NE/E	4	3	38	27	4	-	-	-	6	3	6	25	40	36.3	-10	NE	4	1	35	27	5	5	-	7	7	21	-	1	0	0	0	0	0	0	0	0											
Croydon	35.5	-22	NE	5	3	37	29	4	-	-	-	6	3	6	25	40	36.2	-10	NE	4	1	35	27	5	5	-	7	7	21	-	1	0	0	0	0	0	0	0	0											
Boscombe Down	35.5	-22	NE/N	5	3	36	26	4	-	-	-	7	1	1	30	-	34.3	-14	NE/N	4	4	35	30	5	-	8	8	0	-	0	0	0	0	0	0	0	0	0	0											
Tangmere	37.5	-24	NE	4	3	38	30	4	-	-	-	2	2	-	35	-	33.0	-24	NE	5	5	34	29	5	-	8	8	0	-	0	0	0	0	0	0	0	0	0	0											
Friston																																																		
2 Lympne	38.8	-22	NE	5	3	33	31	4	-	-	-	8	8	-	20	-	34.7	-18	NNE	5	5	32	30	4	-	4	4	-	20	-	3	0	0	0	0	0	0	0	0											
Manston	39.5	-16	ESE	4	3	35	31	4	-	-	-	6	4	6	18	25	35.4	-18	NNE	5	5	33	30	4	-	4	4	-	20	-	3	0	0	0	0	0	0	0	0											
Wethersfield	41.2	-20	NE	2	3	35	28	4	-	-	-	4	4	6	18	25	38.0	-14	NNE	4	4	32	29	4	-	4	4	-	30	-	3	0	0	0	0	0	0	0	0											
Woodbridge	41.5	-16	ESE	4	3	38	30	4	-	-	-	6	6	-	20	-	38.0	-12	NNE	4	4	36	31	4	-	4	4	-	25	-	3	0	0	0	0	0	0	0	0											
Corleston	41.7	-20	E	6	3	33	34	4	-	-	-	5	5	-	20	-	37.5	-22	ESE	6	6	38	30	4	-	5	5	-	15	-	0	0	0	0	0	0	0	0	0											
3 Mildenhall	41.5	-16	NE/E	3	3	38	33	4	-	-	-	7	7	-	26	-	38.1	-12	NE	3	3	34	29	5	-	2	2	-	35	-	0	0	0	0	0	0	0	0	0											
Langham	42.3	-16	ESE	4	3	40	31	4	-	-	-	7	7	-	30	-	39.6	-10	NE	4	4	37	29	5	-	2	2	-	30	-	0	0	0	0	0	0	0	0	0											
Waddington	42.8	-16	NE	1	3	34	28	4	-	-	-	8	4	5	35	40	39.4	-10	E	2	3	35	32	5	-	2	2	-	40	-	2	0	0	0	0	0	0	0												
Cranfield	41.0	-18	ESE	4	3	35	27	4	-	-	-	7	7	-	30	-	37.5	-10	ESE	4	4	32	30	5	-	2	2	-	40	-	2	0	0	0	0	0	0	0	0											
Honiley	42.0	-20	NNE	3	3	34	28	4	-	-	-	7	7	-	30	-	38.2	-14	NE	3	3	33	31	5	-	3	3	-	25	-	3	0	0	0	0	0	0	0	0											
4 Little Rissington	42.5	-6	ESE	3	3	31	27	6	-	-	-	5	5	-	50	-	37.5	-14	NE	4	4	32	30	7	-	5	4	3	22	-	3	0	0	0	0	0	0	0	0											
Madley	42.7	-18	NW	2	3	30	27	6	-	-	-	5	5	-	25	-	38.3	-6	E	0	4	35	32	5	-	8	8	-	25	-	3	0	0	0	0	0	0	0	0											
Bristol	40.3	-20	NE	3	3	33	25	4	-	-	-	6	2	2	40	-	36.3	-14	ESE	0	4	34	28	5	-	1	1	-	40	-	3	0	0	0	0	0	0	0	0											
Chivenor	39.4	-12	E	3	3	37	28	4	-	-	-	2	2	-	18	-	34.7	-22	ESE	3	3	36	28	6	-	3	1	3	18	-	3	0	0	0	0	0	0	0	0											
Yeovilton	39.5	-24	NE/E	5	3	35	31	6	-	-	-	1	1	-	20	-	34.7	-20	NEE	4	4	35	29	6	-	0	0	0	-	-	3	0	0	0	0	0	0	0	0											
5 Portland Bill	37.0	-22	ESE	5	3	31	27	6	-	-	-	3	3	-	15	-	32.4	-18	NNE	5	5	36	27	6	-	4	4	-	15	-	1	0	0	0	0	0	0	0	0											
Exeter	38.6	-24	E	3	3	35	26	4	-	-	-	1	1	-	25	-	33.8	-18	NE	5	5	35	28	6	-	1	1	-	25	-	3	0	0	0	0	0	0	0	0											
Plymouth	37.4	-28	NE	3	3	35	26	4	-	-	-	1	1	-	25	-	33.1	-20	NE	5	5	35	28	6	-	1	1	-	25	-	3	0	0	0	0	0	0	0	0											
St. Eval	38.2	-14	ESE	3	3	35	26	4	-	-	-	1	1	-	25	-	33.9	-10	NNE	5	5	35	28	6	-	1	1	-	25	-	3	0	0	0	0	0	0	0	0											
Predannack	37.8	-2	NE/E	4	3	35	26	4	-	-	-	1	1	-	25	-	32.2	-18	NNE	5	5	35	28	6	-	1	1	-	25	-	3	0	0	0	0	0	0	0	0											
Guernsey	34.5	-24	ESE	6	3	31	27	6	-	-	-	5	5	-	20	-	30.2	-14	NE	8	8	39	29	7	-	6	5	-	20	-	0	0	0	0	0	0	0	0	0											
6 Scilly, St. Marys	36.7	-12	E/N	4	3	43	37	6	-	-	-	4	4	-	16	-	32.3	-18	ESE	4	4	38	30	7	-	4	4	-	16	-	1	0	0	0	0	0	0	0	0											
Fairwood	40.4	-18	E/N	4	3	37	26	6	-	-	-	4	4	-	20	-	36.6	-14	ESE	5	5	34	28	6	-	0	0	0	-	-	3	0	0	0	0	0	0	0	0											
Pembroke	40.7	-8	ESE	4	3	36	32	4	-	-	-	2	2	-	19	-	34.8	-14	ESE	5	5	35	33	6	-	1	1	-	25	-	0	0	0	0	0	0	0	0	0											
Aberporth	40.8	-18	E	3	3	37	24	4	-	-	-	1	1	-	35	-	37.1	-18	E/N	3	3	34	25	6	-	1	1	-	35	-	0	0	0	0	0	0	0	0	0											
Penrhos	41.4	-10	-	0	3	38	25	4	-	-	-	0	0	0	-	-	38.6	-14	NNE	1	1	32	29	7	-	0	0	0	-	-	0	0	0	0	0	0	0	0	0											
7 Holyhead, Valley	42.3	-14	E/N	1	3	39	21	7	-	-	-	0	0	0	-	-	38.7	-2	E</																															



# STATION MODEL



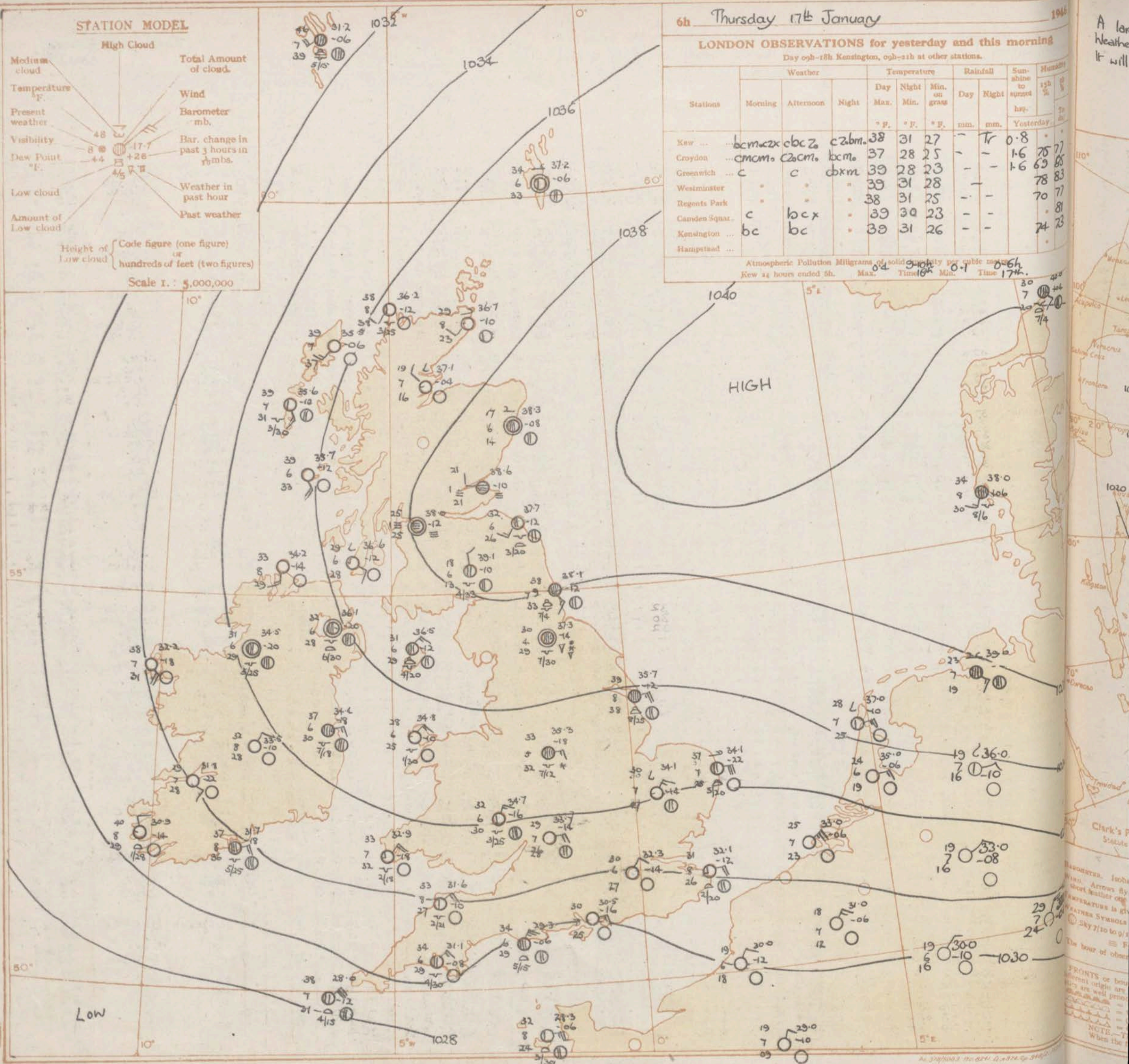
6h Thursday 17th January 1946

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		
Kew	bc m c x	bc c	c 2bm	38	31	27	-	Tr	0.8	75
Croydon	cm cm	c 2cm	bc m	37	28	25	-	-	1.6	69
Greenwich	c	c	bc m	39	28	23	-	-	1.6	78
Westminster	.	.	.	39	31	28	-	-	-	70
Regents Park	.	.	.	38	31	25	-	-	-	71
Camden Square	c	bc x	.	39	30	23	-	-	-	81
Kensington	bc	bc	.	39	31	26	-	-	-	74
Hampstead	.	.	.	.	.	.	-	-	-	73

Atmospheric Pollution Milligrams of solid matter per cubic metre  
Kew 24 hours ended 6h. Max. Time 16h Min. Time 17h.





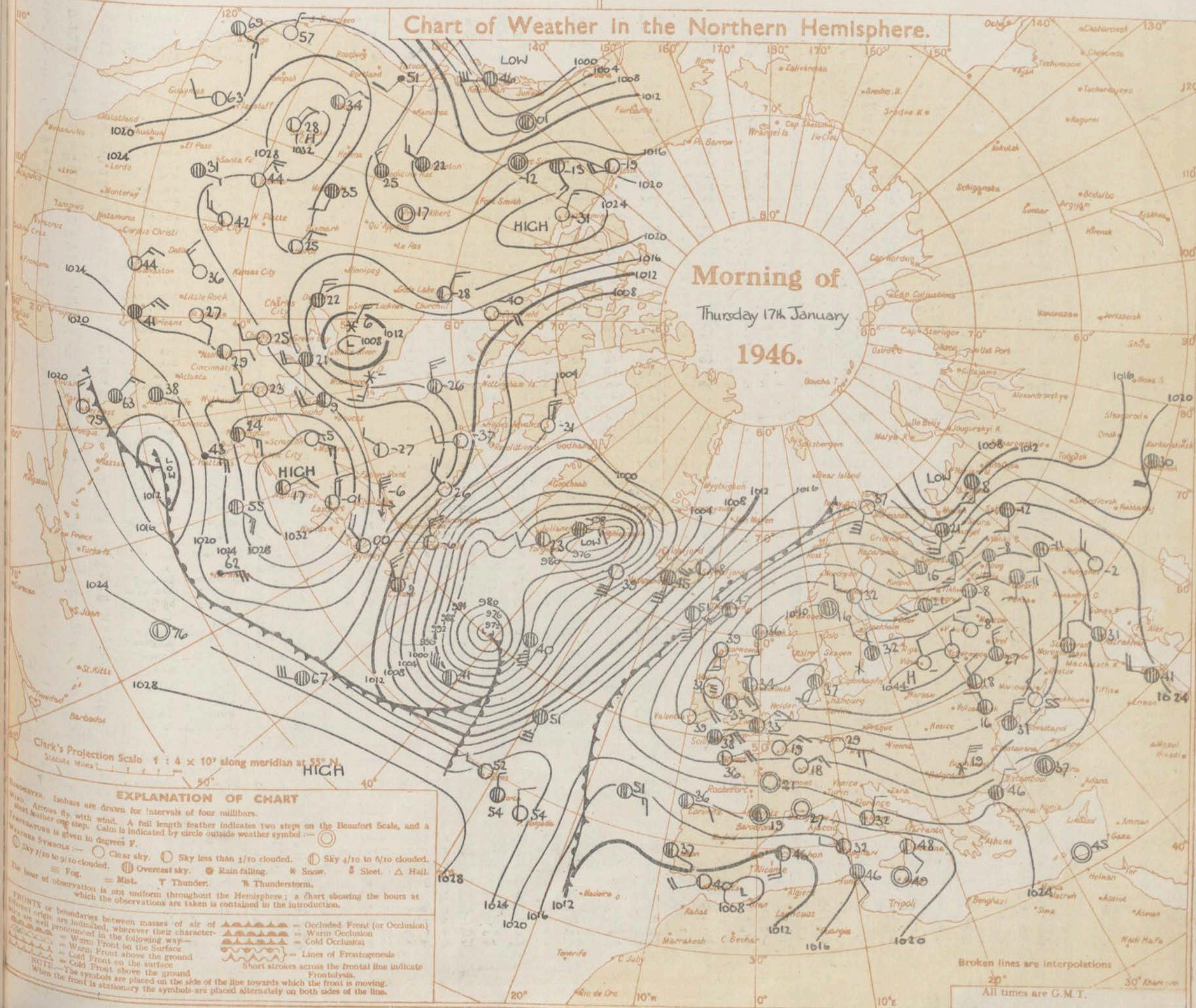
## GENERAL INFERENCE

A large anticyclone centred over South Scandinavia extends to the Balkans. Weather will be fair apart from slight wintry showers near the northeast coasts. It will be very cold with frost day and night in many districts.

FURTHER OUTLOOK  
Continuing very cold.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 17th January  
1946.





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

Thursday 17th January 1940

No. 30737

## OBSERVATIONS at 00hr. G.M.T. 17th January

## OBSERVATIONS at 06hr. G.M.T. 17th January

## OBSERVATIONS during NIGHT

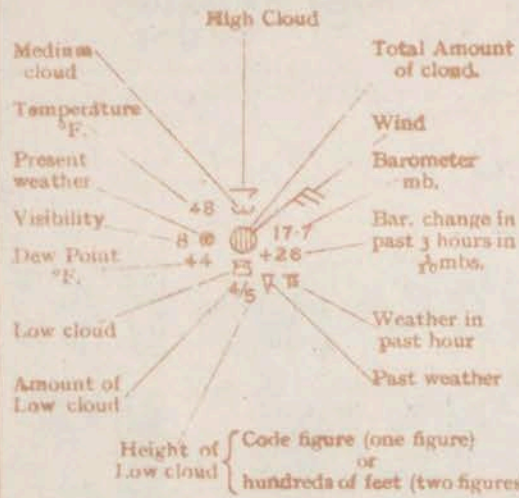
Distance.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					State of Group.	Weather.		Temperature		Rain.										
					Dir.	Force.				Form.	Amount.			Height of Base Hundreds of feet.			Dir.	Force.				Weather.	Temp.	Dew Point.	Visibility.	Form.		Amount.			Height of Base Hundreds of feet.		State of Group.	rsh.-ooh.	ooh.-oth.	Min. °F.	Min. on Gauge °F.					
											Low.	Med.	High.															A.	B.	A.								B.	A.	B.	A.	B.
1	Kew	16	34.1	-9	NE	3	34	30	6	-	-	-	31.8	-16	NE	3	Mo	32	27	6	-	-	-	0	0	0	-	-	1	cz	cbc, bmo	31	27	-								
	Croydon	217	33.5	-2	NE	3	33	30	6	S	-	-	32.3	-14	NE	2	Mo	30	27	6	-	-	-	0	0	0	-	-	3	bcm, cm	cb mo	28	25	-								
	Boscombe Down	417	31.5	-6	ENE	4	33	28	7	-	-	-	31.6	-10	NNE	3	Mo	28	26	6	-	-	-	0	0	0	-	-	3	bcm, cm	bcm, cm	26	24	-								
	Tangmere	53	31.5	-6	ENE	4	33	28	7	-	-	-	30.5	-16	E	3	b	30	25	7	-	-	-	0	0	0	-	-	0	bcm, cm	bcb, cb	27	26	-								
	Friston																																									
	Lympne	341	33.1	-14	NNE	5	32	26	7	-	-	-	31.6	-14	NE, N	4	b	29	23	7	-	-	-	1	1	-	-	-	3	bcb	b	23	22	-								
	Manston	140	33.6	-4	ENE	4	34	29	7	S	-	-	32.1	-12	E, N	4	b	31	26	8	-	-	-	2	2	-	-	-	3	bcb, bc	b	28	24	-								
2	Wetherfield	317	35.8	-10	E, N	4	33	29	8	S	-	-	34.0	-12	ENE	4	b	30	26	7	-	-	-	2	2	-	-	-	3	bcc	b	27		-								
	Woodbridge	91	35.3	-10	ENE	5	35	28	8	S	-	-	33.9	-10	E	5	b, bc	33	23	7	S	-	-	3	3	-	-	-	3	cbc	cb	33	30	-								
	Gorleston	3	36.3	-12	ENE	6	37	29	7	2	-	-	34.1	-22	E	6	bc	37	25	7	2	-	-	2	4	3	3	20	0	cg	cmo, c, s	36	32	-								
	Mildenhall	13	36.1	-14	ENE	3	35	31	8	S	-	-	34.1	-14	NE, E	3	b	30	27	7	-	-	-	1	1	-	-	-	0	bcb, bc	cb, bc	27	22	-								
	Langham	435	33.7	-10	E	4	37	30	8	S	-	-	33.7	-10	ESE	2	b, bc	33	27	8	S	-	-	3	3	-	-	-	0	c	cb, bc	32	29	-								
	Waddington	355	33.4	-10	ENE	2	34	32	9	S	-	-	35.3	-10	E, SE	2	mo	34	32	6	S	-	-	8	8	-	-	-	3	bcc	cmo	32	27	-								
3	Cranfield	340	35.4	-14	ENE	5	32	30	6	S	-	-	33.3	-16	ENE	5	b	29	26	7	-	-	-	2	2	-	-	-	3	bcc, mo	cmo, bmo	29	25	-								
	Honiley	427	36.5	-10	ENE	4	31	29	5	S	-	-	34.1	-16	ENE	4	bc	33	28	7	S	-	-	4	4	-	-	-	1	b, mo	cmo, c	29	25	-								
4	Little Rissington	731	35.3	-12	ENE	4	31	30	6	S	-	-	33.7	-14	E	4	b	29	26	7	-	-	-	0	0	0	-	-	3	b, mo	cb, bc	27	23	-								
	Madley	270	36.5	-10	NNE	3	30	30	4	S	-	-	34.7	-16	NE	3	mo	32	30	6	S	-	-	3	3	-	-	-	3	cm, b, mo	b, mo, cm	27	19	-								
5	Bristol	209	34.6	-6	ENE	5	33	29	6	S	-	-	32.5	-16	NE	4	mo	30	29	6	S	-	-	3	3	-	-	-	3	b, mo, cm	b, mo, cm	29	25	-								
	Chivenor	20	33.5	+6	ESE	4	34	28	6	S	-	-	31.6	-10	ENE	3	b, bc	33	27	8	S	-	-	3	2	3	21	40	3	b, mo	b, mo	32	26	-								
	Yeovilton	50	33.5	-6	N	3	32	30	6	1	-	-	31.5	-12	NE, N	3	mo	29	29	6	S	-	-	2	2	-	-	-	3	bm, cm, mo	bcm, cm	28	25	-								
	Portland Bill	32	31.1	-14	NNE	5	35	26	6	1	-	-	29.3	-6	NE	5	mo	34	29	6	1	-	-	5	5	-	-	-	1	c	c	32		-								
	Exeter	100	33.1	-2	ENE	3	31	28	6	1	-	-	30.9	-14	NE	3	bc	31	28	7	S	-	-	4	4	-	-	-	3	b, bc	b, mo, bmo	29	25	-								
	Plymouth	86	32.7	-2	ENE	3	35	30	7	S	-	-	31.1	-8	ENE	3	b	34	29	6	S	-	-	4	4	-	-	-	1	b, bc	b, bc	32	27	-								
	St. Eval	345	32.4	-4	E	3	32	26	6	1	-	-	31.3	-8	ENE	2	mo	29	27	6	S	-	-	0	0	0	-	-	3	b, mo	b, mo	28	24	-								
	Fredannack	801	30.8	-6	ENE	4	33	30	7	1	-	-	29.4	-10	ENE	5	mo	36	28	6	S	-	-	4	6	-	-	-	1	b, bc	cb, bc	33	27	-								
	Guernsey	340	30.0	-2	ENE	4	33	24	7	1	-	-	28.3	-6	E	5	b, bc	32	24	8	1	-	-	3	3	-	-	-	3	c	bc			-								
	Scilly, St. Marys	163	28.8	-10	ENE	5	38	32	7	7	-	-	28.0	-12	E	6	bc	38	31	7	1	-	-	4	4	-	-	-	1	bcc	bcc	37		-								
6	Fairwood	168	34.6	-2	E, N	3	33	22	6	1	-	-	32.8	-16	NE	4	mo	32	28	6	-	-	-	0	0	0	-	-	3	b, mo	b, bc	29	21	-								
	Pembroke	142	33.8	-14	E, N	5	35	32	7	1	-	-	32.9	-18	ENE	4	b	33	32	7	S	-	-	2	2	-	-	-	3	b	b, mo	32		-								
	Aberporth	425	35.0	-10	E	4	33	28	6	S	-	-	34.0	-10	ENE	3	c	34	28	8	S	-	-	6	6	-	-	-	3	b, mo	b, mo	31	24	-								
7	Penthor	03											34.7	-4	ENE	2	b	34	28	8	S	-	-	1	1	-	-	-	3	b	b	33	25	-								
	Holyhead, Valley	32	36.3	-20	ENE	4	33	28	7	-	-	-	34.8	-10	E, N	3	b	28	25	6	S	-	-	1	1	-	-	-	3	b, bc	b, bc	27	23	-								
	Howarden	15	37.8	-18	NW	1	27	26	3	5	3	7	35.7	-14		0	b, bc	33	31	3	S	-	-	7	6	-	-	-	3	b, mo	b, mo	26	19	-								
8	Manchester	230	37.4	-18	N	1	31	29	4	5	-	-	35.5	-14	N	2	mo	33	30	5	S	-	-	8	8	-	-	-	0		b, mo	b, mo	29	19	-							
	Squires Gate	33																																								
	Crosby	164	40.5	-2	E, N	2	22	21	4	-	-	-	37.7	-10		0	mo	23	22	6	S	-	-	6	6	-	-	-	3	bm	bm, bmo	19	18	-								
9	Ashbourne	590	37.9	-10	ENE	4	33	31	5	S	-	-	35.3	-18	ENE	3	mo	33	32	5	S	-	-	7	3	7	12	25	4	c, mo, cm	cmo, cm	32		-								
	Finnisley	28	38.5	-10	NNE	3	33	31	6	S	-	-	35.9	-14	NNE	2	c/r	33	32	6	S	-	-	7	5	7	20	40	3	cm	cmo, cm	33	31	-								
10	Spurn Head	29	37.9	-12	E, N	5	36	8	8	S	-	-	35.7	-12	E	5	0	33	38	8	8	-	-	8																		



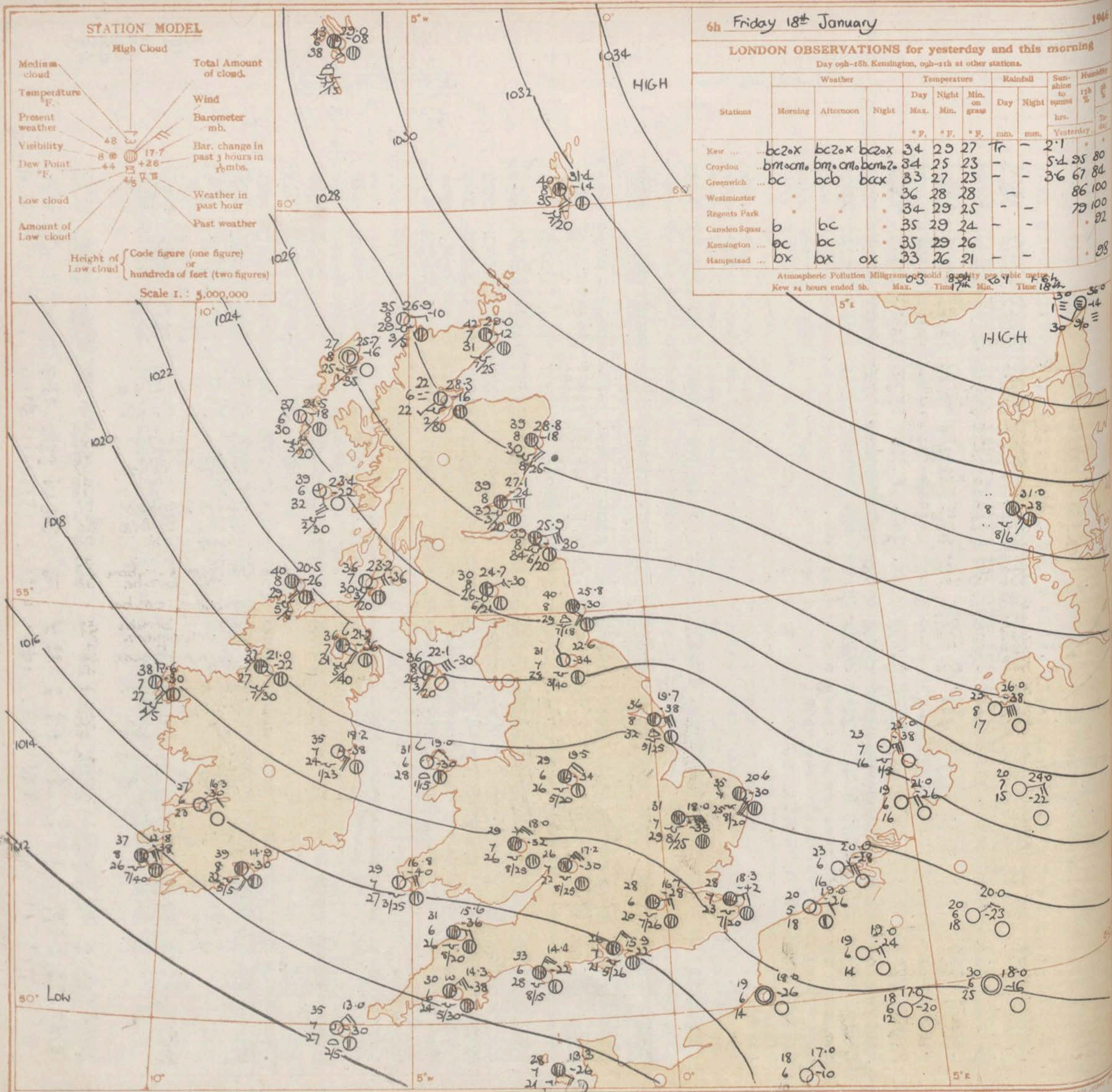
NELSON K. JOHNSON, K.C.B., D.Sc., Director  
Meteorological Office, Air Ministry, Kingsway, London, W.C.C.



# STATION MODEL



Scale 1 : 5,000,000



6h Friday 18<sup>th</sup> January

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h. Kensington, 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 mm.	Night mm.		Yesterday %	To-day %
Kew	bc20x	bc20x	bc20x	34	29	27	Tr	-	2.1	80	80
Croydon	bm.cml	bm.cml	bm.cml	34	25	23	-	-	5.4	95	84
Greenwich	bc	bc	bc	33	27	25	-	-	3.6	67	84
Westminster	.	.	.	36	28	28	-	-		86	100
Regents Park	.	.	.	34	29	25	-	-		79	100
Camden Square	b	bc	.	35	29	24	-	-			92
Kensington	bc	bc	.	35	29	26	-	-			98
Hampstead	bx	bx	ox	33	26	21	-	-			

Atmospheric Pollution Milligrams of solid matter per cubic metre  
Kew 24 hours ended 6h. Max. Time 17h Min. Time 18h

An anti-approaching with local and North amounts cold with

Barometer. Isotherms. Arrows show wind direction and force. Shorter arrows show temperature. Weather symbols. Sky 7/10 to 9/10. The hour of observation. Fronts or boundaries of different air masses are indicated by lines with symbols. Wavy line = Warm front. Dashed line = Cold front. Solid line = Occluded front. NOTE: The hour of observation.



ing  
Number  
12h  
24h  
Temp  
Wind  
35 80  
67 84  
86 100  
79 100  
92  
98  
36  
-14  
90

An anticyclone is centred over South Scandinavia and a depression is approaching Biscay from the Atlantic. Weather will be cloudy in most districts with local sleet or snow in many areas. Areas most threatened are East and North England, southern districts of England and South and East Scotland. Amounts will mainly be small but may be moderate locally. It will continue cold with frost in the South.

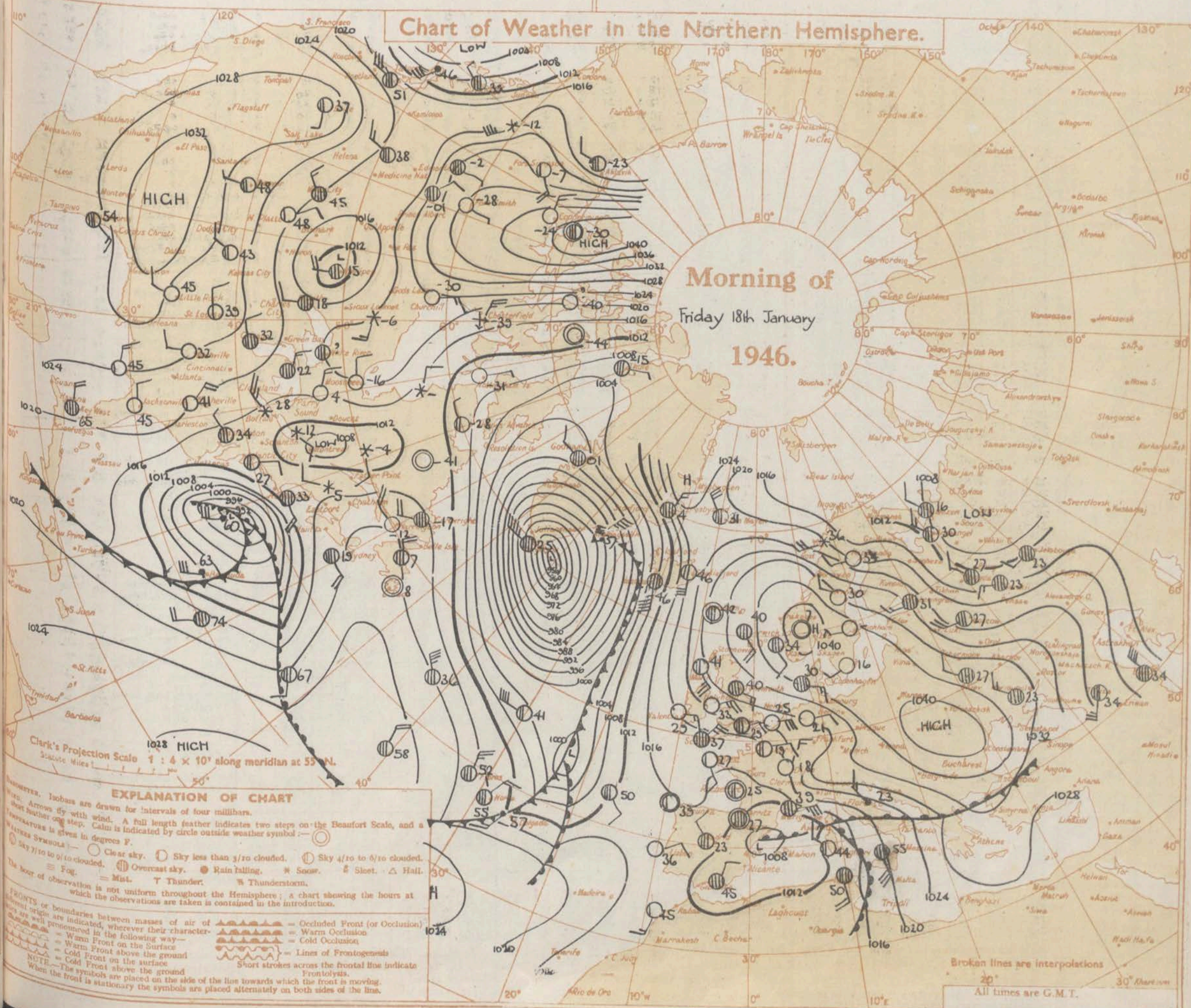
### GENERAL INFERENCE

### FURTHER OUTLOOK

Continuing cold. Occasional sleet or snow, chiefly in the South and East.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 18th January  
1946.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday 18<sup>th</sup> January 1940

No. 30738.

OBSERVATIONS at 00hr. G.M.T. 18 <sup>th</sup> January															OBSERVATIONS at 06hr. G.M.T. 18 <sup>th</sup> January															OBSERVATIONS during NIGHT													
Distances.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			Form.	Amount.		Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			Form.	Amount.		Height of Base Hundreds of feet.	State of Ground.	Weather.		Temperature									
					Dir.	Force.				Low.	Med.	High.		Total.	A.				B.	Dir.				Force.	Weather.	Temp.		Dew Point	Visibility.			Low.	Med.	High.	Total.	A.	B.	18h.-00h.	00h.-06h.	Min. °F.	Min. on Graph °F.		
																																										(1)	(2)
1	Kew	15	22.1	-22	ENE	2	22	21	7	0	0	0	0	0	0	16.2	+24	ESE	3	20	29	21	5	0	0	0	0	0	0	0	21	3	bca	ca	29	27							
	Croydon	217	22.1	-22	ENE	2	22	21	7	0	0	0	0	0	0	16.7	-28	E	3	20	28	20	6	0	0	0	0	0	0	0	26	3	bca	ca	25	23							
	Boscombe Down	417	21.4	-26	ENE	2	22	21	7	0	0	0	0	0	0	16.6	-24	ESE	4	20	26	23	6	0	0	0	0	0	0	0	20	25	bca	ca	23	21							
	Tangmere	53	20.9	-22	ENE	2	22	21	7	0	0	0	0	0	0	15.9	-22	ENE	4	20	26	21	7	0	0	0	0	0	0	0	26	3	bca	ca	25	23							
	Friston																																										
	Lymington	341	22.1	-22	ENE	2	22	21	7	0	0	0	0	0	0	17.2	-30	ENE	4	20	24	21	7	0	0	0	0	0	0	0	15	3	bca	ca	22	17							
	Manston	140	22.1	-22	ENE	2	22	21	7	0	0	0	0	0	0	18.3	-42	E	3	20	28	28	7	0	0	0	0	0	0	0	20	3	bca	ca	26	24							
	Waterside	319	23.5	-36	E	2	27	24	7	0	0	0	0	0	0	18.3	-30	E	3	28	28	7	0	0	0	0	0	0	0	0	35	3	bca	ca	25	23							
	Woodbridge	91	24.1	-22	E	4	31	29	7	0	0	0	0	0	0	18.5	-30	E	3	30	30	8	0	0	0	0	0	0	0	0	20	3	bca	ca	29	28							
	Corlestone	35.1	20		E	2	34	28	7	0	0	0	0	0	0	20.6	-30	ESE	6	35	28	7	0	0	0	0	0	0	0	0	20	0	bca	ca	31	29							
	Mildenhall	15	24.3	-20	ENE	2	27	24	7	0	0	0	0	0	0	18.0	-32	E	5	31	29	7	0	0	0	0	0	0	0	0	25	3	bca	ca	26	23							
	Langham	239	25.9	-24	ESE	2	29	26	7	0	0	0	0	0	0	19.7	-38	ESE	5	32	29	7	0	0	0	0	0	0	0	0	25	3	bca	ca	30	29							
	Waddington	235	26.2	-22	ESE	2	29	26	7	0	0	0	0	0	0	20.4	-34	ESE	4	31	29	7	0	0	0	0	0	0	0	0	40	3	bca	ca	27	23							
	Cranfield	340	23.8	-20	ENE	2	27	25	7	0	0	0	0	0	0	17.8	-34	E	5	29	27	7	0	0	0	0	0	0	0	0	15	25	bca	ca	27	21							
	Honiley	427	24.6	-16	E	4	28	26	7	0	0	0	0	0	0	18.5	-22	ENE	3	28	22	5	0	0	0	0	0	0	0	0	7	4	25	40	bca	ca	27	21					
4	Little Rissington	731	23.1	-22	ENE	2	27	22	7	0	0	0	0	0	0	17.2	-30	ENE	5	26	22	7	0	0	0	0	0	0	0	0	8	8	20	3	bca	ca	26	23					
	Madley	270	24.1	-26	NE	2	27	22	7	0	0	0	0	0	0	18.0	-32	SE	5	29	26	7	0	0	0	0	0	0	0	0	8	8	25	3	bca	ca	27	22					
5	Bristol	209	22.4	-30	NE	2	27	24	7	0	0	0	0	0	0	16.4	-34	ENE	3	29	25	6	0	0	0	0	0	0	0	0	8	8	27	3	bca	ca	27	20					
	Chivenor	20	21.4	-16	E	2	27	24	7	0	0	0	0	0	0	15.6	-38	E	3	31	26	6	0	0	0	0	0	0	0	0	8	8	20	3	bca	ca	21	15					
	Yeovilton	50	21.7	-18	NE	2	27	26	7	0	0	0	0	0	0	15.7	-30	ENE	4	29	26	5	0	0	0	0	0	0	0	0	7	7	20	3	bca	ca	24	13					
	Portland Bill	32	20.5	-24	NE	2	27	23	7	0	0	0	0	0	0	14.4	-22	NE	5	33	28	6	0	0	0	0	0	0	0	0	8	8	15	3	bca	ca	24	16					
	Exeter	100	20.8	-24	NE	2	27	23	7	0	0	0	0	0	0	16.0	-24	NE	4	30	27	5	0	0	0	0	0	0	0	0	6	6	25	3	bca	ca	24	16					
	Plymouth	86	20.7	-24	ENE	2	27	23	7	0	0	0	0	0	0	14.3	-28	ENE	5	30	24	6	0	0	0	0	0	0	0	0	6	6	30	1	bca	ca	30	27					
	St. Eval	345	21.1	-26	E	2	27	22	7	0	0	0	0	0	0	14.9	-28	ESE	2	30	24	5	0	0	0	0	0	0	0	0	2	2	30	2	bca	ca	23	21					
	Trerise	403	20.7	-22	NE	2	27	24	7	0	0	0	0	0	0	14.3	-32	NE	4	30	27	6	0	0	0	0	0	0	0	0	2	2	25	3	bca	ca	27	25					
	Guernsey	340	18.3	-4	SSE	4	31	26	7	0	0	0	0	0	0	8.3	-26	ESE	4	28	21	7	0	0	0	0	0	0	0	0	8	8	20	25	bca	ca	27	25					
	Scilly, St. Marys	163	18.5	-22	NE	2	27	23	7	0	0	0	0	0	0	13.0	-30	ENE	3	35	27	7	0	0	0	0	0	0	0	0	2	2	2	1	bca	ca	32	24					
	Fairwood	208	22.1	-22	NE	2	27	23	7	0	0	0	0	0	0	16.8	-36	ENE	3	28	22	6	0	0	0	0	0	0	0	0	7	7	20	3	bca	ca	26	14					
	Pembroke	143	22.1	-22	NE	2	27	23	7	0	0	0	0	0	0	16.8	-40	ENE	4	30	27	7	0	0	0	0	0	0	0	0	3	3	25	3	bca	ca	27	22					
	Aberporth	423	22.4	-26	ENE	4	30	23	7	0	0	0	0	0	0	16.9	-32	ENE	3	30	27	6	0	0	0	0	0	0	0	0	3	3	25	3	bca	ca	25	22					
	Pearhead	63														17.9	-36	ENE	4	32	29	7	0	0	0	0	0	0	0	3	3	26	3	bca	ca	31	27						
	Holyhead, Valley	32	24.6	-26	ENE	2	33	25	7	0	0	0	0	0	0	19.0	-30	ENE	2	31	28	6	0	0	0	0	0	0	0	1	1	15	3	bca	ca	30	24						
	Hawarden</																																										



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

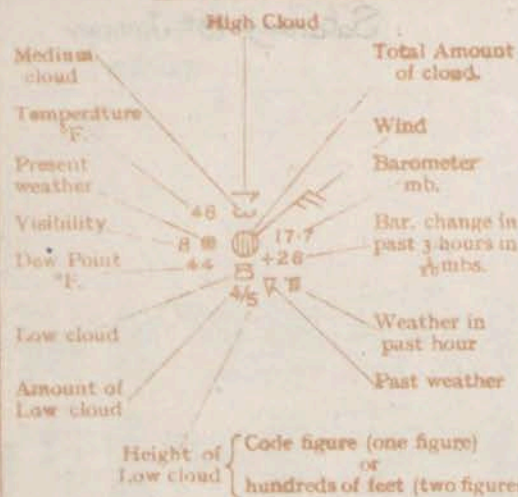
Columns 13, 14, 15; 16, 29, 30, 31, 32.

\* Information not usually received

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



# STATION MODEL



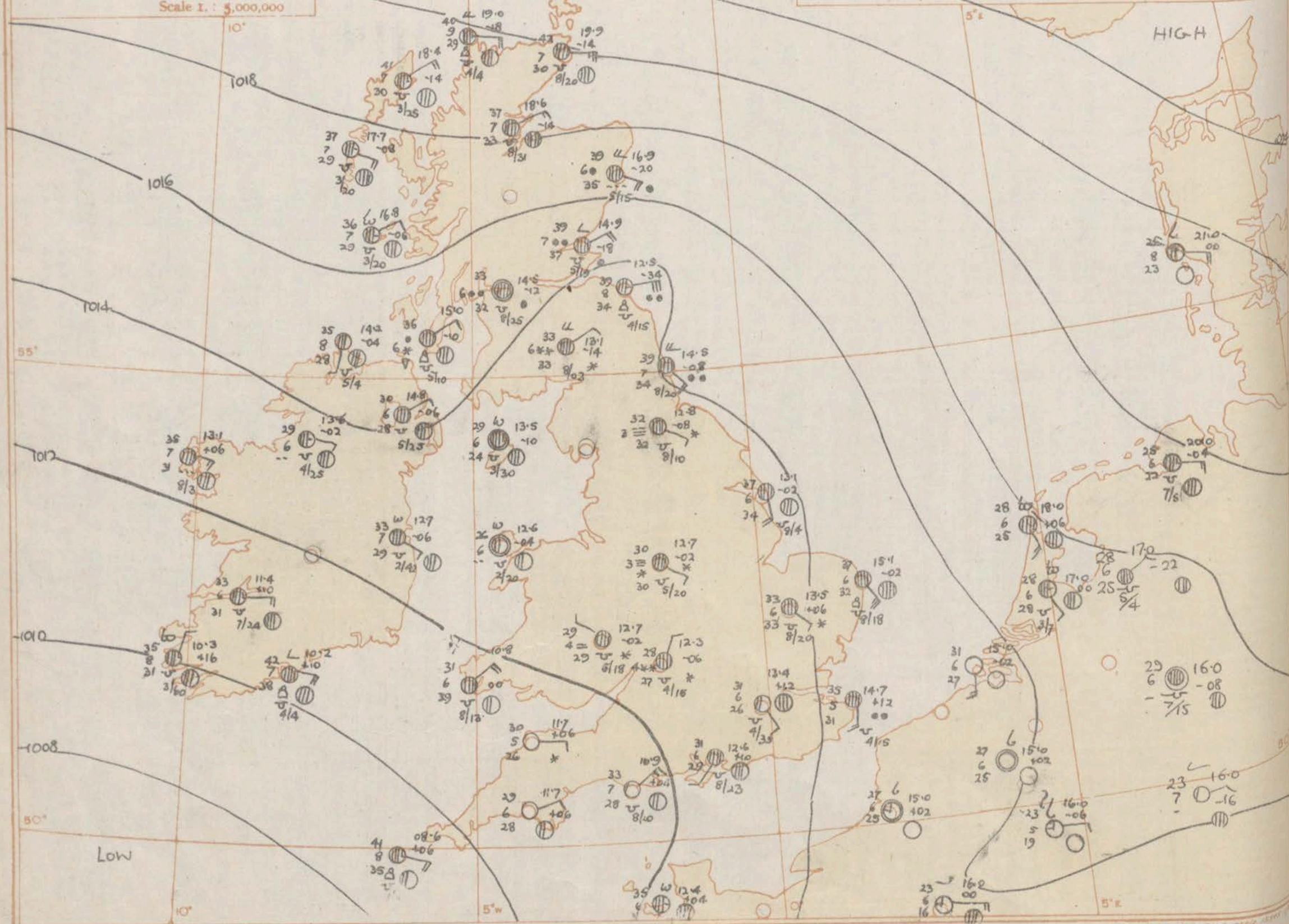
6h Saturday 19th January 1946

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Max.	Min.	Min. on grass	Day	Night		Yesterday	Today
Kew	c2	bc2	c2	34	29	16	0.3	-	2.8	73	81
Croydon	bc2	bc2	bc2	32	26	21	1	-	4.6	66	92
Greenwich	bc2	bc2	bc2	33	28	17	-	Tr	3.9	58	94
Westminster	.	.	.	35	30	25	-	Tr	.	89	100
Regents Park	.	.	.	33	29	18	-	Tr	.	.	91
Camden Square	c	c	.	33	29	19	-	Tr	.	79	85
Kensington	bcx	bc	.	34	29	21	-	0.1	.	.	23
Hampstead	ox	bcosx	bcmx	31	28	20	0.1	-	.	.	.

Atmospheric Pollution Milligrams per cubic meter  
Kew 24 hours ended 5h. Max. Time 18h Min. Time 19h





## GENERAL INFERENCE

Pressure is high to the northeast and low to the southwest of the British Isles. It will be mainly fair in England though cloudy in the Midlands and North at first, with local slight snow. It will be cold with hard frost tonight. In Scotland there will be some rain, sleet or snow at first, followed by mainly fair conditions. It will be cold in the South with keen frost at night but it will be rather less cold in the North at first.

## FURTHER OUTLOOK

Little change.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 19th January  
1946.

Clark's Projection Scale 1 : 4 × 10<sup>6</sup> along meridian at 55° N.  
Scale in miles 1 2 3 4 5 6 7 8 9 10

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars. 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. Pressure is given in degrees F. Sky 1/10 to 9/10 clouded. Overcast sky. Rain falling. Sleet. 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. Cold Front on the surface. Cold Front above the ground. Warm Front above the ground. Occluded Front (or Occlusion). Warm Occlusion. Cold Occlusion. Lines of Frontogenesis. Short strokes across the frontal line indicate Frontolysis. 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.

Broken lines are interpolations

All times are G.M.T.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Saturday 18th January 1941  
No. 36739

[illegible]

imum temperature and rainfall read at 0700. Barr Castle reports at 0700.

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

Columns 13, 14, 15: 16, 20, 30, 31, 32.

A = Lowest cloud present.

B = Next lowest cloud.

\* Information not usually received.

† Second figure in col. (33) gives depth of snow in inches.

0 = Nil  
1 = True



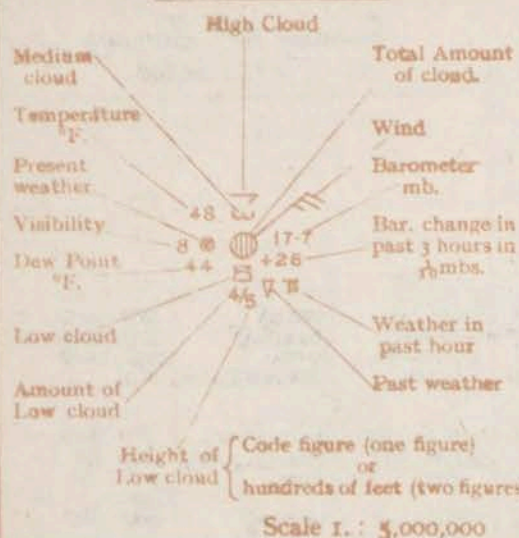
BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Sunday 20<sup>th</sup> January 1946  
No. 30740OBSERVATIONS at 12h. G.M.T. 19<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 19<sup>th</sup> January

OBSERVATIONS during DAY

Station	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud					Height of Base Hundreds of feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud					Height of Base Hundreds of feet	State of Ground	Weather				Max. Temp. 24h. °F.	Sun- shine Hrs.	Rain 24h. inches																																																																																																																																																																																																																																																																																																																																																																																																																																																
			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	Amount	Total	Low	Med.	High	Dir.	Force	Form	Amount	Total	Low	Med.	High	Dir.	Force



# STATION MODEL



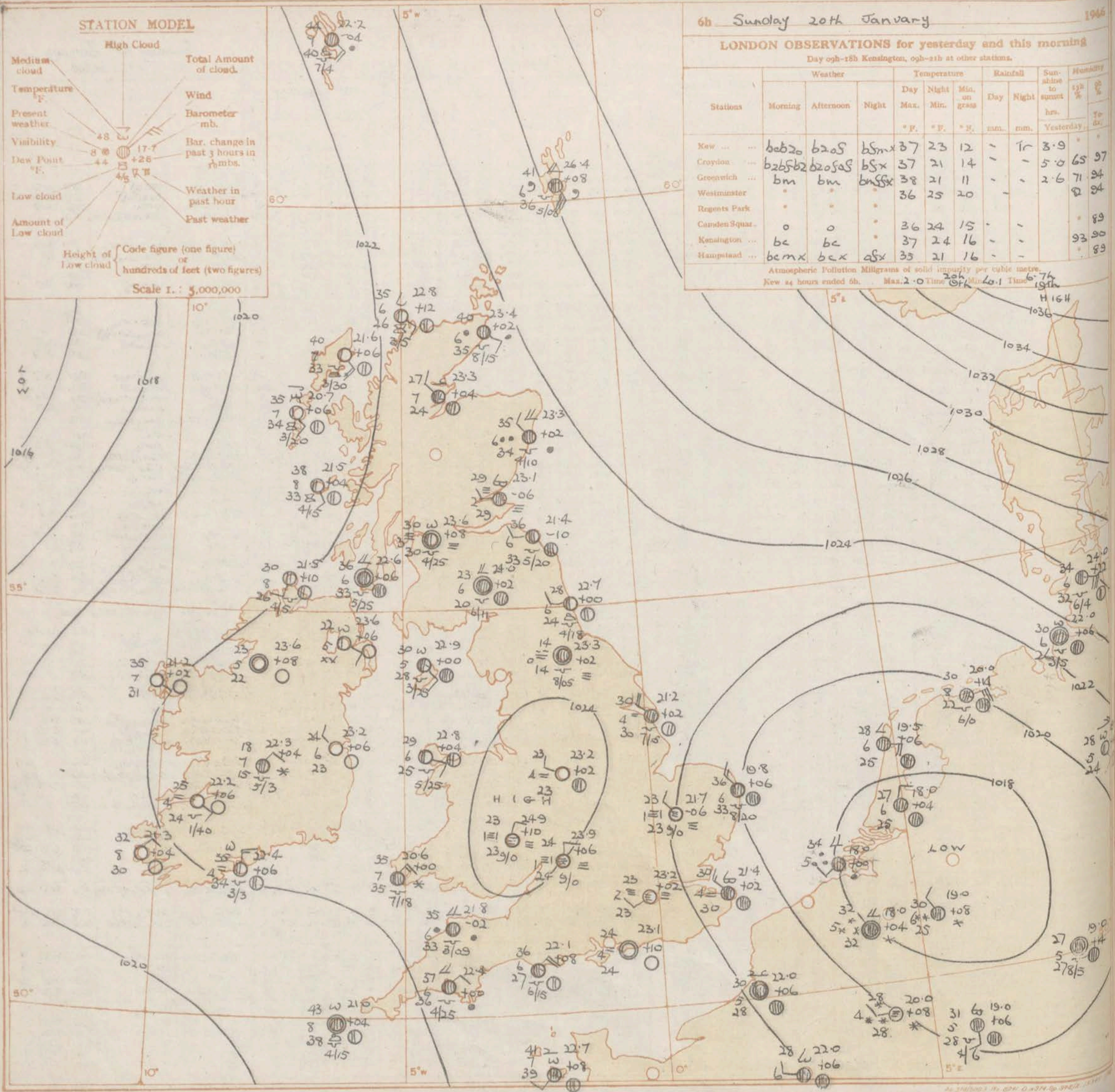
6h Sunday 20th January 1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 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 mm.	Night mm.		Yesterday	To-day
Kew	bcb20	b205	b5mx	37	23	12	-	Tr	3.9		
Croydon	b205	b205	b5x	37	21	14	-	-	5.0	65	97
Greenwich	bm	bm	b55x	38	21	11	-	-	2.6	71	94
Westminster				36	25	20	-	-			
Regents Park											
Camden Square	0	0		36	24	15	-	-			89
Kensington	bc	bc		37	24	16	-	-		93	90
Hamstead	bcmx	bex	asx	35	21	16	-	-			89

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
New 24 hours ended 6h. Max. 2.0 Time 8h. Min. 0.1 Time 6.7h.



An anticyclone developing in the Midlands and clearing towards the east coast. Frost in most places.

Clark's Projection. Station Model. Symbols. Arrows. Sky. Clouds. Wind. Temperature. Humidity. Rain. Snow. Fog. Note. The time of observation.



# GENERAL INFERENCE

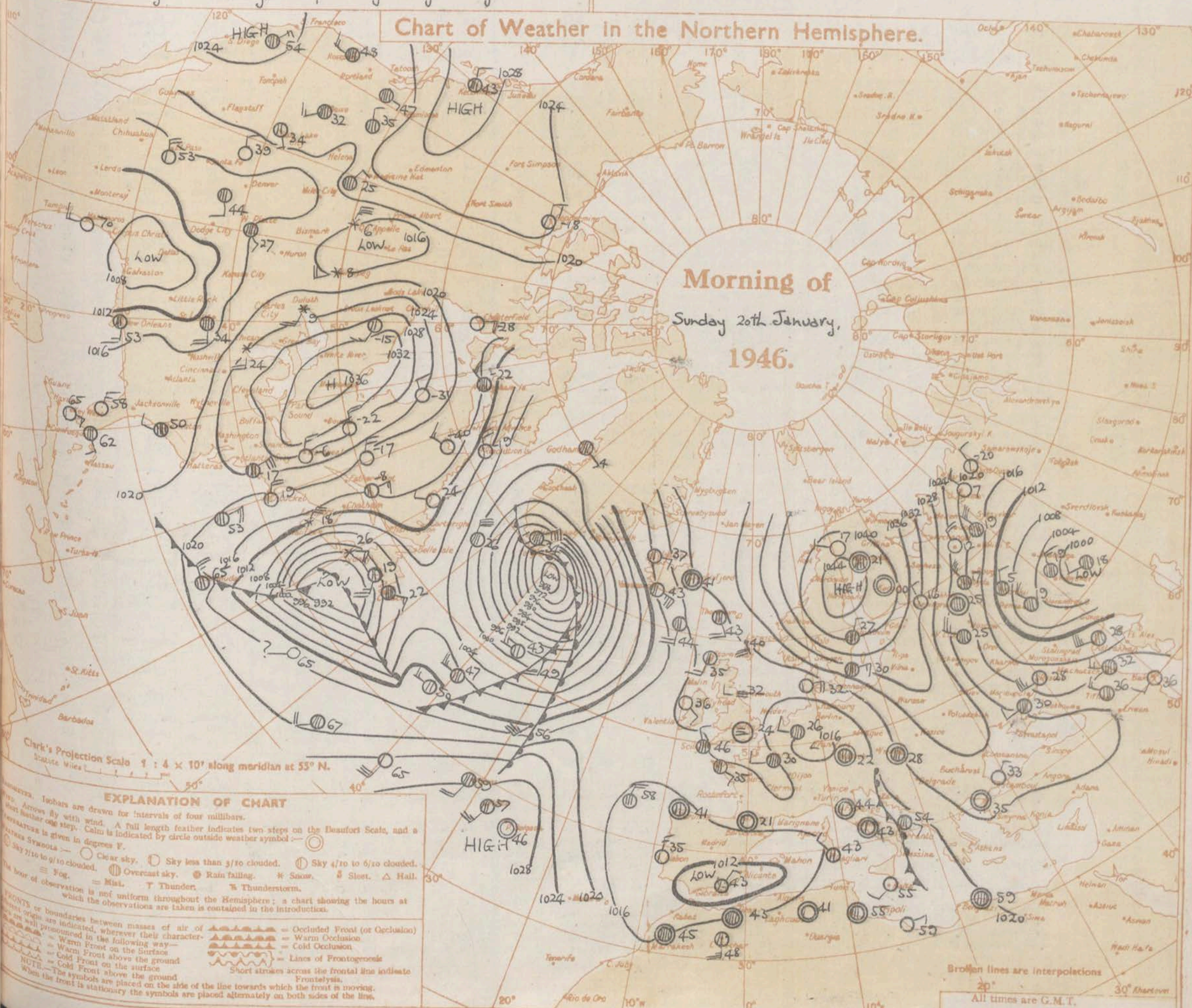
An anticyclone over the northern Baltic is moving slowly south and a ridge is developing across the British Isles. There will be extensive fog over the Midlands and Southern England, largely persisting today and tonight, but probably clearing tomorrow. Local rain sleet or snow will occur in Scotland, SW. England, South Wales and east coast districts of England. It will be generally cold or very cold with frost in most places night and morning, and persisting locally all day.

# FURTHER OUTLOOK

Continuing cold or very cold, with local wintry precipitation.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 20th January,  
1946.





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

Sunday 20th January 1940

No. 30740

## OBSERVATIONS at 00hr. G.M.T. 20th January.

## OBSERVATIONS at 06hr. G.M.T. 20th January.

## OBSERVATIONS during NIGHT

Distances.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.		Change in 3 hours.	Wind.		Temp.	Dew Point	Visiblity.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visiblity.	Cloud.						State of Ground.	Weather.		Temperature		Rain.								
			mb.	in.		Dir.	Amount.				Height of Base Hundreds of feet.	A.	B.			Dir.			Force.					Form.	Amount.		Height of Base Hundreds of feet.	A.	B.		rsh. osh.	oob. osh.	Min. °F.	Max. °F.									
							Low.						Med.	High.	Total.				A.	B.					A.	B.			A.					B.		A.	B.	A.	B.	A.	B.	A.	B.
1	Kew	16	21.3	+0				27	23	2							22.6	+6	WSW	1	1	25	24	4							4	of bfx	bfx	23	12	F							
	Croydon	217	21.7	+6				24	21	2							23.2	+2	WSW	1	1	23	23	2							4	bfx	bfx	21	14								
	Boscombe Down	417	21.4	+6				24	22	4							23.1	+0	WNW	0	0	24	24	4							2	bfx	bfx	21	18								
	Tangier	53																																									
	Friston																																										
	Lymington	341	21.1	+6		NW	3	25	23	4							21.7	0	NW	3	3	25	25	4							4	bcm	cmx bmx	24	20	F							
	Manston	140	20.3	+4		NW	2	35	32	4							21.4	+2	NW	2	2	30	30	4							4	bcm	cmx bmx	30									
	Wetherfield	317	21.5	+8		NW	2	31	30	6							21.5	0	NW	2	2	26	25	2							4	b2	cmx bmx	24									
	Woodbridge	96	20.5	+6		NW	2	32	30	7							21.3	+4	NW	2	2	31	29	7							4	abc	bc	29	24								
	Corleston	5	19.3	+4		NW	3	35	33	5							19.8	+6	NW	3	3	36	33	6							4	o2	o2	33	32								
	Mildenhall	15	21.0	+6		EN	2	30	28	7							21.7	-6	NW	2	2	23	23	1							4	cm	bmbf	22	16								
	Langham	235	21.3	+8		NW	3	33	31	4							21.4	+2	NW	3	3	32	31	5							4	b2	cmx bmx	29	29								
	Waddington	335	22.0	+6		NW	2	24	24	4							21.7	+2	NW	2	2	26	26	1							4	b2	cmx bmx	20	21								
	Cranfield	340	21.4	+4		NW	2	27	26	4							23.0	+4	NW	2	2	20	20	3							4	b2	cmx bmx	20	11								
	Honiley	427	22.2	+12		NW	0	22	22	0							24.0	+8	WSW	0	0	22	22	0							4	b2	cmx bmx	20	14								
	Little Rissington	731	22.3	+8		NW	0	28	26	4							23.9	+6	NW	1	1	24	24	1							4	b2	cmx bmx	22	17								
	Madley	270	22.8	+10		NW	0	22	22	2							24.9	+10	NW	2	2	23	23	1							4	b2	cmx bmx	20	16								
	Bristol	209	21.6	+2		NW	0	22	22	2							23.1	+2	NW	2	2	23	23	1							4	b2	cmx bmx	20	15								
	Chivenor	20	21.0	+18		NW	0	33	30	6							21.8	-2	NW	0	0	35	33	6							4	b2	cmx bmx	31	30								
	Yeovilton	50	21.3	+6		NW	0	21	20	0							22.7	+2	NW	0	0	22	22	0							4	b2	cmx bmx	19	16								
	Portland Bill	32	20.2	+6		NE	4	36	36	6							22.1	+8	NE	4	4	36	27	6							4	b2	cmx bmx	32	21								
	Exeter	100	21.6	+10		NE	1	25	27	4							22.7	+6	NE	1	1	36	29	2							4	b2	cmx bmx	26	23								
	Plymouth	86	21.0	+10		NE	1	38	37	2							22.4	+6	NE	1	1	36	36	2							4	b2	cmx bmx	25	23								
	St. Eval	345	20.1	+12		NE	4	37	37	2							21.2	+10	NE	4	4	36	37	2							4	b2	cmx bmx	26	23								
	Tredannack	403	19.9	+14		SSW	4	44	41	4							21.0	+2	SSW	4	4	44	40	7							4	b2	cmx bmx	31	28								
	Guansey	340	22.0	+14		SSW	4	39	38	7							22.7	+8	SSW	4	4	41	39	7							4	b2	cmx bmx	31	28								
	Scilly, St. Marys	103	18.9	+18		NW	2	46	41	8							21.0	+4	NW	2	2	43	38	8							4	b2	cmx bmx	42	15								
	Fairwood	168	22.0	+16		NW	2	39	36	4							22.8	+2	NW	2	2	31	27	4							4	b2	cmx bmx	27	15								
	Pembroke	142	20.6	+12		NW	2	35	35	4							20.6	0	NW	2	2	35	35	4							4	b2	cmx bmx	29	22								
	Aberporth	425	21.4	+6		NW	2	33	29	6							22.5	+2	NW	2	2	31	29	6							4	b2	cmx bmx	24	16								
	Penrhos	63				NW	2	33	29	6							22.3	+2	NW	2	2	27	25	6							4	b2	cmx bmx	24	16								
	Holyhead, Valley	32	21.8	+14		SE	2	28	25	6							22.8	+4	SE	2	2	29	25	6							4	b2	cmx bmx	25	21								
	Hawarden	15	22.1	+10		SE	2	22	22	2							23.3	+2	SE	2	2	23	23	3							4	b2	cmx bmx	17	10								
	Manchester	330	22.2	+14		SE	2	30	29	3							23.3	+4	SE	2	2	21	21	2							4	b2	cmx bmx	20	15								
	Squires Gate	33				SE	2	27	26	6							23.3	+4	SE	2	2	28	27	5							4	b2	cmx bmx	20	20								
	Crosby	161	22.2	+12		E	1	27	26	6							23.3	+4	E	1	1	28	27	5							4	b2	cmx bmx	20	20								
	Ashbourne	590	22.0	+10		NNW	2	25	24	4							23.2	+2	NNW	2	2	23	23	4							4	b2	cmx bmx	20	13								
	Finningley	88	21.7	+4		S	1	23	23	0							22.6	+2	S	1	1	25	24	1							4	b2	cmx bmx	15	15								
	Spurn Head	29	21.1	+4		NNW	3	31	31	1							21.2	+2	NNW	3	3	30	30																				



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Monday 21st January 1946  
No. 30741

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

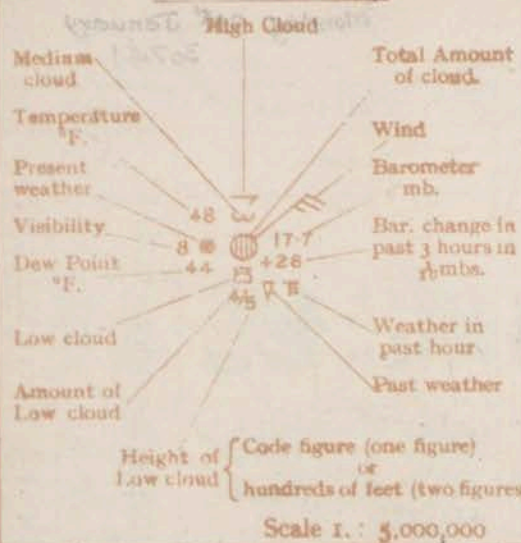
OBSERVATIONS at 18h. G.M.T. 20th January

OBSERVATIONS during DAY

STATIONS (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather.	Temp. °F (5)	Dew Point °F (6)	Visibility. miles (7)	Cloud.					Height of Base Hundreds of feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours (18)	Wind.		Weather.	Temp. °F (21)	Dew Point °F (22)	Visibility. miles (23)	Cloud.					Height of Base Hundreds of feet. (25)	State of Ground. (26)	Weather.		Max. Temp. °F. (36)	Sun- shine Hrs. (37)	Rain °F. mm. (38)																	
			Dir.	Force.					Form.								Dir.	Force.						Form.						Dir.	Force.				Weather.																
									Low.	Med.	High.	Total.	Amount.										Low.	Med.	High.	Total.	Amount.																								
													A.					B.									C.								D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.
Kew	24.8	+2	WN	2	S	27	25	2	-	-	-	9	9	-	0	25.7	+12	SW	2	b, c	29	27	2	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Croydon	24.8	+2	WN	2	S	27	25	2	-	-	-	9	9	-	0	25.7	+12	SW	2	b, c	29	27	2	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Boscombe Down	25.0	+2	WN	2	S	27	25	2	-	-	-	9	9	-	0	25.7	+12	SW	2	b, c	29	27	2	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Tangmere	24.3	+2	WN	2	S	27	25	2	-	-	-	9	9	-	0	25.7	+12	SW	2	b, c	29	27	2	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Friston	24.3	+2	WN	2	S	27	25	2	-	-	-	9	9	-	0	25.7	+12	SW	2	b, c	29	27	2	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Lymington	23.5	+2	WN	3	M	31	29	4	-	-	-	7	8	-	-	24.6	+12	WN	3	m	31	27	4	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Manston	23.1	0	WN	3	M	31	29	4	-	-	-	7	8	-	-	24.4	+10	WN	3	dg	33	32	3	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Wetherfield	24.9	+2	WN	3	M	31	29	4	-	-	-	7	8	-	-	25.1	+6	WN	3	m	31	29	4	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Woodbridge	23.2	+10	WN	2	S	27	25	2	-	-	-	9	9	-	-	23.8	+8	WN	2	sh	31	30	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Gorleston	21.4	+10	WN	4	Ido	34	31	4	-	-	-	8	8	-	-	21.7	+10	WN	4	sh	36	33	3	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Mildenhall	23.8	+2	WN	3	S	27	26	3	-	-	-	9	9	-	-	24.1	+2	WN	3	sh	31	30	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Langham	22.9	0	WN	2	Ido	33	30	4	-	-	-	8	8	-	-	23.4	+4	WN	2	Ido	33	30	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Waddington	24.0	0	WN	1	b, c	27	27	3	-	-	-	4	4	-	-	24.1	+6	WN	1	sh	28	26	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Cranfield	24.4	+2	WN	2	S	27	25	2	-	-	-	9	9	-	-	25.0	+6	WN	2	sh	27	27	2	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Honiley	25.4	+8	WN	1	F	25	25	1	-	-	-	9	9	-	-	25.8	+10	WN	1	F	22	22	1	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Little Rissington	25.8	+4	NNE	1	b, f	25	25	1	-	-	-	2	2	-	-	25.7	+6	NNE	1	sh	27	26	2	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Madley	26.4	+8	NNE	1	M	26	26	4	-	-	-	5	5	-	-	26.3	+10	NNE	1	sh	25	25	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Bristol	25.5	+6	S	1	S	28	24	3	-	-	-	7	7	-	-	26.1	+10	S	1	sh	31	30	2	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Chivenor	24.2	+10	SE	3	Ido	38	30	6	-	-	-	5	4	-	-	24.4	+10	SE	3	Ido	37	34	5	-	-	-	0	0	-	1	b, m, s, f	of, b, s	31	0.0	Tr																
Yeovilton	24.8	+6	SE	3	Ido	38	30	6	-	-	-	5	4	-	-	25.4	+10	SE	3	Ido	37	34	5	-	-	-	0	0	-	1	b, m, s, f	of, b, s	31	0.0	Tr																
Portland Bill	23.8	+10	ENE	3	C	40	32	6	-	-	-	8	8	-	-	24.4	+6	ENE	4	Ido	38	33	6	-	-	-	0	0	-	1	b, m, s, f	of, b, s	31	0.0	Tr																
Exeter	24.2	+2	NNE	3	Ido	36	24	5	-	-	-	3	3	-	-	25.3	+12	NNE	3	Ido	38	33	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Plymouth	24.5	+8	E	2	Ido	43	39	2	-	-	-	3	3	-	-	25.3	+10	E	2	Ido	38	33	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
St. Eval	24.5	+8	E	2	Ido	43	39	2	-	-	-	3	3	-	-	25.3	+10	E	2	Ido	38	33	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Frederick	23.8	+10	SE	2	Ido	43	39	2	-	-	-	3	3	-	-	24.4	+8	SE	2	Ido	38	33	4	-	-	-	0	0	-	1	b, m, s, f	of, b, s	31	0.0	Tr																
Guernsey	24.3	+14	ENE	2	Ido	41	39	2	-	-	-	4	4	-	-	24.7	+12	ENE	2	Ido	38	33	4	-	-	-	0	0	-	1	b, m, s, f	of, b, s	31	0.0	Tr																
Scilly, St. Marys	24.6	+6	SW	3	b, c	47	40	7	-	-	-	8	8	-	-	25.4	+10	SW	3	b, c	42	40	8	-	-	-	0	0	-	1	b, m, s, f	of, b, s	31	0.0	Tr																
Fairwood	23.9	+10	SE	3	b, c	42	41	8	-	-	-	8	8	-	-	23.5	+4	SE	3	b, c	45	39	8	-	-	-	0	0	-	4	b, m, s, f	of, b, s	31	0.0	Tr																
Pembroke	24.5	+10	SE	3	Ido	34	29	5	-	-	-	7	7	-	-	24.0	+8	SE	3	Ido	34	29	6	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Aberporth	25.0	+12	NE	3	C	36	36	7	-	-	-	7	7	-	-	24.0	+10	NE	3	Ido	34	29	6	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Penrhos	25.5	+14	SE	2	b, c	35	32	8	-	-	-	4	4	-	-	25.0	+10	SE	2	b, c	33	28	6	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Holyhead, Valley	24.5	+10	N	1	b, c	37	30	8	-	-	-	4	4	-	-	24.9	+12	N	1	Ido	31	25	6	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Hawarden	25.2	+8	-	0	b, c	35	30	8	-	-	-	5	5	-	-	23.4	+14	F	1	Ido	32	27	6	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Manchester	25.8	+6	S	1	b, c	37	25	4	-	-	-	3	3	-	-	25.7	+6	S	1	Ido	28	23	4	-	-	-	0	0	-	3	b, m, s, f	of, b, s	31	0.0	Tr																
Squires Gate	25.5	+2	-	0	F	25																																													



# STATION MODEL



6h

Monday 21<sup>st</sup> January

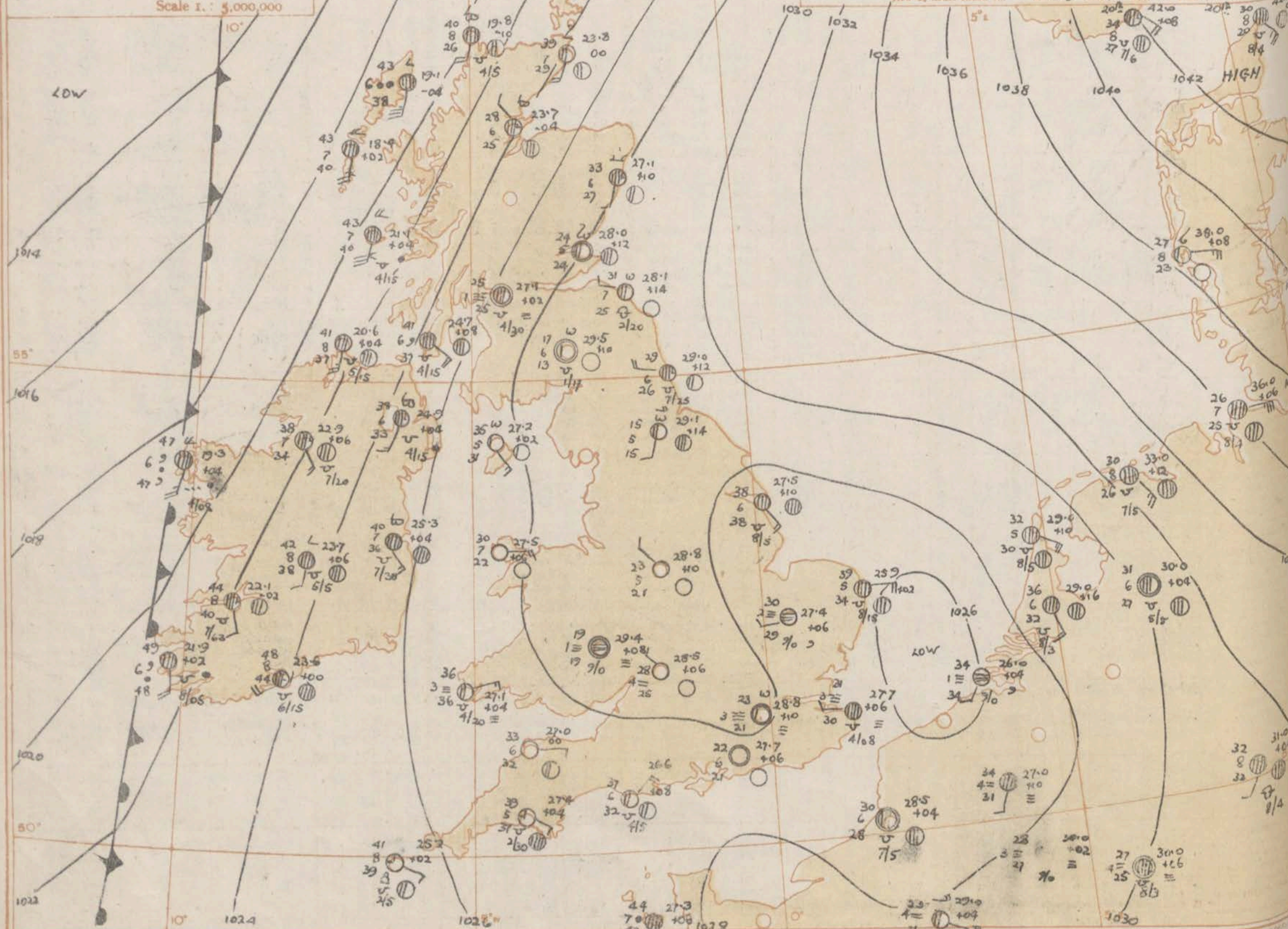
1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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 mm.	Night mm.		Yesterday %	To-day %
Kew ...	bmgf	ofbfx	bfx	31	23	18	Tr	Tr	0.0	98	29
Croydon ...	ofx	ofx ofx	ofx	27	21	19	-	-	0.0	98	29
Greenwich ...	ffx	ssx	ssx	28	23	16	-	-	0.0	93	89
Westminster				30	25	21	-	-		97	92
Regents Park				32	24	17	-	-		92	92
Canons Square	o	o		32	24	19	-	-		97	92
Kensington ...	fx	fxo		30	24	19	-	-		97	92
Hampstead ...	bcmx	ofx	ofx	31	21	18	-	-			92

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max 0.8 Time 17.15 Min 0.2 Time 0.24.



A ridge of over the and trough England. There will frost. In local morning with occa

Clark's Proj

Scale 1: 5,000,000

NOTE: The front



1946

ing

Humidity

15h

To

day

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A ridge of high pressure is developing across France between anticyclones centred over the Baltic and near the Azores. A vigorous depression is approaching Iceland and troughs of low pressure will cross much of Ireland and Scotland. Over much of England & East Wales there will be fairly widespread fog with keen or hard frost. There will be local slight snow, sleet or drizzle in Eastern districts, with local glazed frost. In South-west England and West Wales it will be fair and rather cold, with local morning frost. Weather will become warmer over most of Ireland and Scotland, with occasional rain.

## FURTHER OUTLOOK

Mild in the west and north with occasional rain. Frosty in the south-east with fog.

## Chart of Weather in the Northern Hemisphere.

Morning of

Monday 21st January

1946.

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

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
Arrows show wind direction. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by a circle outside the weather symbol.  
Temperature is given in degrees F.  
Sky symbols: ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 3/10 to 6/10 clouded. ☃ Sky 6/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. \* Snow. ❄ Sleet. △ Hail.  
☁ = 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  
— Cold Front on the surface  
— 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.

Broken lines are interpolations

All times are G.M.T.



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

Monday 21st January, 1940

No. 30741

OBSERVATIONS at 00hr. G.M.T. 21st January																OBSERVATIONS at 06hr. G.M.T. 21st January																OBSERVATIONS during 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	Dir.			Force	Form.				Amount.		Height of Base Hundreds of feet	rth. ooh.	ooh. ooh.		Min. °F.	Min. on Gram °F.																		
											Low.	Med.										High.	Total.							A.	B.		Low.	Med.	High.	Total.	A.	B.									
																																							0-9	10-9	0-9	10-9	0-9	10-9	0-9	10-9	0-9
1	Kew	16					25							28.7	+4	W/S	1		25	24	4						4	bfx ofx	ofxcmx	23	18																
	Croydon	217	27.2	+4	W/S	1	F	23	23	0				28.8	+10		0		23	21	3						3	ofex	ofexcmx	21	19																
	Boscombe Down	417	27.0	+6	N	1	bg	26	26	3				28.5	+6	N/W	2		21	21	3						4	gm bex	bfx	20	10																
	Tangmer	53	26.8	+2	M/W	1	Mo	23	18	6				27.7	+6		0		22	21	6						3	bmo	bmo bex	20	*																
	Friston																																														
	Lympne	341	26.3	+4	W/W	2	m	29	28	4				27.8	+6	W/N	3		29	28	5						4	cm bmo	cm bmo	29	*																
	Manston	140	26.0	+2	W/N	3	S	31	30	2				27.7	+6	W	2		31	30	3						1-1	cm	cm	30	*																
2	Wetherfield	317	26.8	+4	N/W	3	m	30	30	4				28.4	+6	N/W	1		29	29	3						3	cm	cm	28	*																
	Woodbridge	91	25.6	+12	N/W	2	ld	23	23	4				26.9	+6	N/W	1		23	23	4						1	cm	cm	32	32																
	Corleston	5	24.7	+2	N/W	2	Mo	26	33	5				25.9	+2	E/N	4		29	24	5						1	cm	cm	35	*																
	Mildenhall	13	25.8	+4	W	2	cg	31	29	3				27.4	+6	W/S	2		30	29	2						3	cm	cm	29	29																
	Langham	435	26.4	+10		0	ld	35	34	4				27.7	+4		0		35	34	4						1	cm	cm	34	33																
	Waddington	235	26.9	+4	NW	1	cg	28	26	3				29.1	+10		0		29	28	2						8	cm	cm	27	27																
3	Cranfield	340	26.3	0		0	S	21	21	2				28.0	+6		0		19	17	2						3	cm	cm	19	14																
	Honiley	427	27.2	+6		0	F	17	17	1				28.9	+10		0		17	12	2						3	cm	cm	19	12																
4	Little Rissington	731	27.0	+2		0	m	28	25	4				28.5	+6	NW	1		28	25	4						3	bmx	bmx	25	16																
	Madley	270	27.9	+6		0	S	20	20	2				29.4	+8		0		19	19	1						3	bmx	bmx	17	15																
5	Bristol	209	27.0	+2		0	F	23	23	1				28.5	+6		0		17	17	1						3	cm	cm	15	14																
	Chivenor	30	25.4	-2		0	F	26	26	6				28.0	+8		0		13	13	3						3	cm	cm	32	23																
	Yeovilton	50	26.8	+4		0	bf	23	22	0				28.0	+8		0		13	13	3						3	cm	cm	17	12																
	Portland Bill	32	26.6	+2	NE	2	m	29	28	4				26.6	+8	NE	3		37	32	6						1	cm	cm	35	*																
	Exeter	100	26.6	+2	NE	2	m	29	28	4				27.8	+6	NE	1		37	32	6						3	cm	cm	24	23																
	Plymouth	86	26.3	+2	E	1	Mo	38	36	5				27.4	+4	ESE	1		37	37	5						0	cm	cm	26	27																
	St. Eval	345	25.1	0	SE	2	Mo	41	39	6				26.6	+6	ESE	1		37	37	5						1	cm	cm	26	27																
	Frederick	402	25.3	0	SE	1	Mo	41	39	6				26.6	+6	ESE	1		37	37	5						1	cm	cm	26	27																
	Guernsey	340	26.5	+4	SW	2	Mo	43	39	7				27.3	+6	SW	2		41	39	8						1	cm	cm	37	26																
6	Scilly, St. Marys	163	24.2	+2	SE	3	c	45	41	8				25.2	+2	SE	2		41	39	8						1	cm	cm	41	*																
	Fairwood	268	26.1	-2	ESE	2	Mo	32	27	5				27.7	+2	ESE	2		33	29	5						3	cm	cm	30	15																
	Pembroke	142	25.6	0	E/N	3	Mo	36	35	5				27.1	+4	ESE	3		36	36	3						1	cm	cm	33	*																
	Aberporth	425	25.3	-8	SE	4	bc	38	28	7				27.1	+2	SW	3		35	32	6						3	cm	cm	31	27																
7	Penrhos	63			SE	4	bc	38	28	7				27.1	+2		0		30	24	7						3	cm	cm	27	19																
	Holyhead Valley	32	25.9	-2	ESE	2	Mo	32	26	6				27.5	+6	E	3		30	22	7						3	cm	cm	27	23																
	Hawarden	15	27.3	+6		0	bf	18	18	2				28.8	+10	ESE	1		16	16	3						3	cm	cm	15	9																
8	Manchester	230	27.4	+4		0	F	21	20	0				28.9	+6		0		17	17	0						3	cm	cm	15	18																
	Squires Gate	33																																													
	Crosby	161	26.8	+2		0	Mo	20	20	5				28.8	+10	E/N	3		21	20	6						3	cm	cm	19	18																
9	Ashbourne	590	26.9	+6	NW	1	Mo	24	23	5				28.8	+10	NW	2		23	21	5						4	cm	cm	21	14																
	Finningley	24	26.0	+2		0	cg	27	25	3				28.2	+10	N	1		30	27	5						8-1	cm	cm	22	16																
10	Spurn Head	19	24.8	+4	NW/W	3	Mo	36	35	5				27.5	+10	SE	3		30	28	6						1	cm	cm	35	*																
	Leeming	105	26.5	+6	NW	7	Mo	23	20	6				29.1	+14	S	2		15	15	5						8-1	cm	cm	13	11																
	Tynemouth	108	26.6	+4	W	2	Mo	23	20	6				29.0	+12	W	3		29	26	6						3	cm	cm	29	27																
	Acklington	138	26.1	+4	SW	1	Mo	33	31	6				28.7	+14	W	2		25	24	6						3	cm	cm	28	22																
	St. Abb's Head	280	26.0	+4		0	Mo	35	32	5				28.1	+14	NW	2		31	25	7						3	cm	cm	29	14																
	Leuchars	31	25.8	-2		0	Mo	24	23	4				28.0	+12		0		24	24	5						3	cm	cm	22	*																
	Arbroath	158	25.6	+2	NW	1	Mo	31	28	6				27.1	0		0		25	22	6</																										



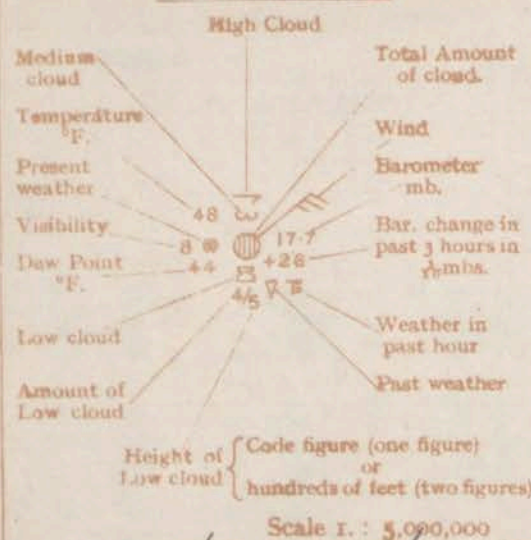
## OBSERVATIONS at 18h. G.M.T. 21st January

[illegible]

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30). 0 = Nil 1 = Trace 2 = $\frac{1}{10}$ 3 = $\frac{2}{10}$ 4 = $\frac{3}{10}$ 5 = $\frac{4}{10}$ 6 = $\frac{5}{10}$ 7 = More than 9 but with openings. 8 = Completely covered. 9 = Sky obscured by fog, etc.										Columns 13, 14, 15; 16, 29, 30, 31, 32. A = Lowest cloud present. B = Next lowest cloud. † 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.									
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## STATION MODEL

Low 43.7  
43.0-02

5°W

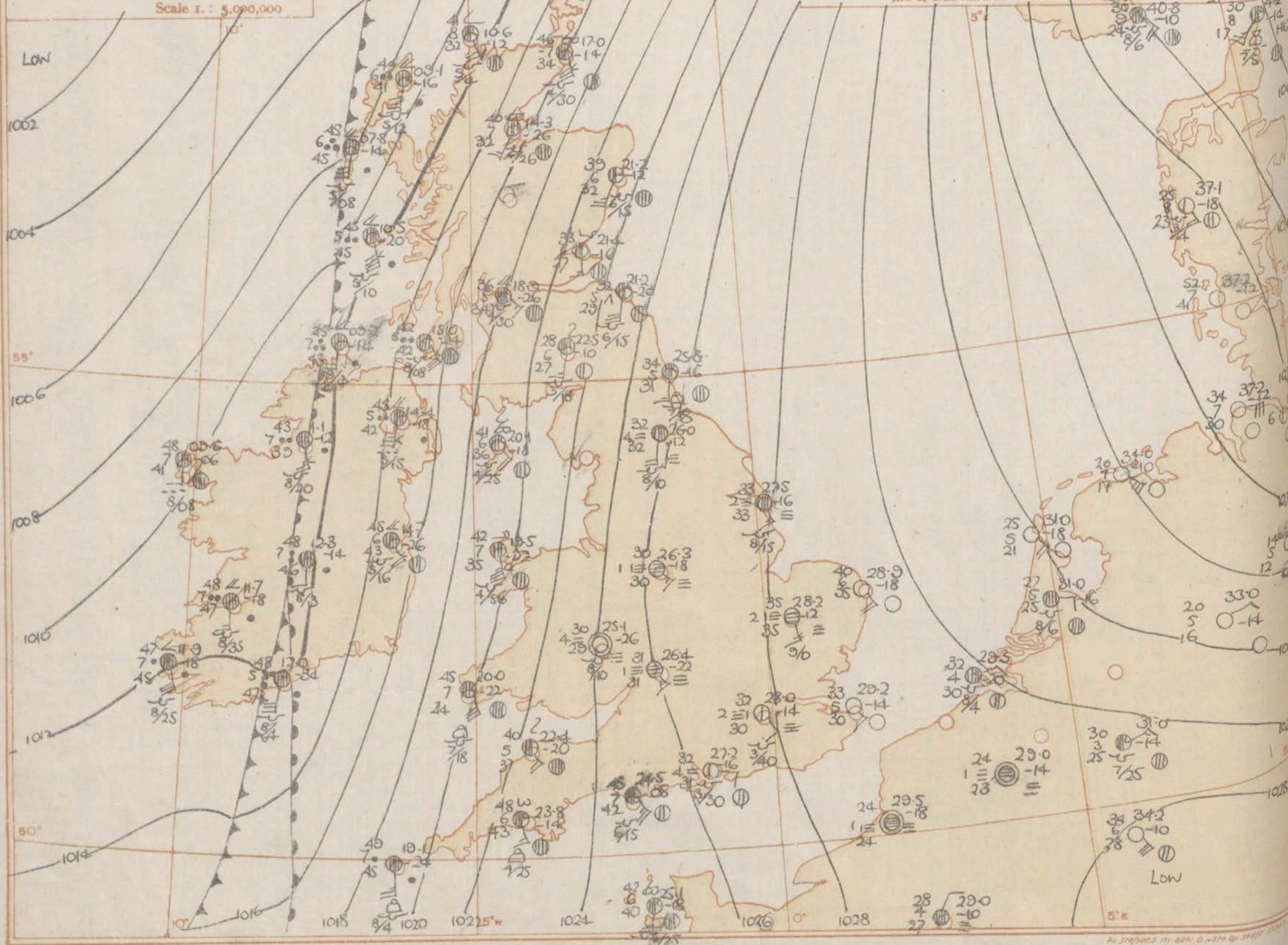
6h Tuesday 22<sup>nd</sup> January

1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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		Yesterday	To day
Kew ...	cmfx	offx	offx	32	30	29	Tr	Tr	0.0	97	100
Croydon ...	of	of	offx	33	28	21	-	-	0.0	81	96
Greenwich ...	fx	fx	fx	31	29	20	-	Tr	0.0	96	98
Westminster ...	.	.	.	35	26	26	-	-	.	95	97
Regents Park ...	.	.	.	34	26	22	-	-	.	.	98
Camden Squar ...	0	0	.	34	26	24	-	-	.	90	96
Kensington ...	ofx	ofx	.	32	30	23	-	-	.	90	98
Hampstead ...	ofx	ofx	of	32	29	24	-	-	.	.	98

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 5h. Max. Time 21st Min. Time 21st



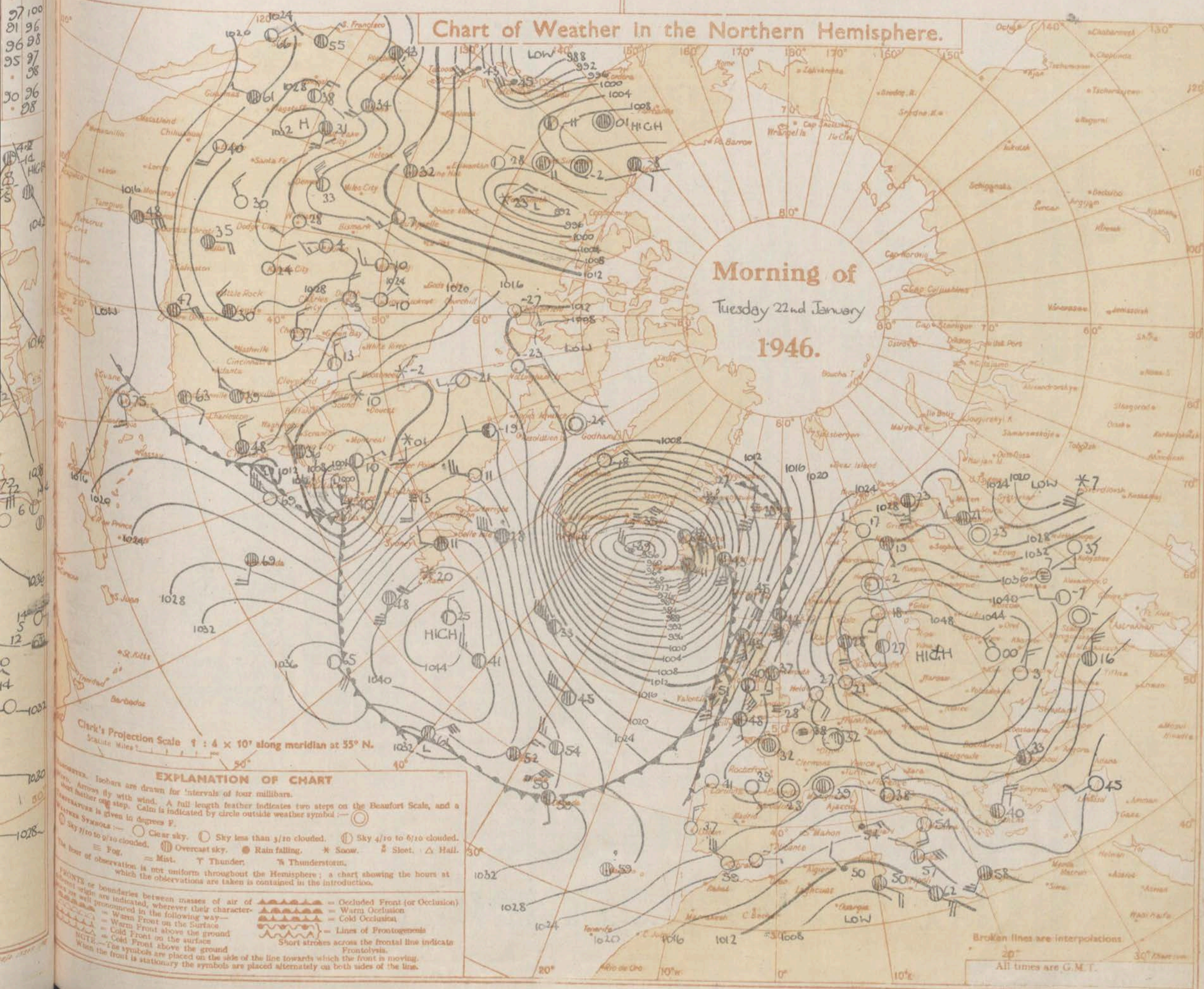
**GENERAL INFERENCE**  
A trough of low pressure over our Western districts is moving very slowly eastwards. It will be cold with much fog in England and East Wales at first though the fog is expected to thin slowly. Temperature will be somewhat higher than of late though there will be moderate or fresh southeast winds. Some rain will occur in Ireland, West and North Scotland and Southwest England. Gale force winds will occur in the Northwest.

## GENERAL INFERENCE

**FURTHER OUTLOOK**  
Some rain in western districts; otherwise fair and cold.

## FURTHER OUTLOOK

† Gate warnings in operation in districts 13B & 16, time of issue 1645h. 20.1.  
In districts 13A, 15 & 16, time of issue 1245h. 21.1. In districts 6, 7, 8, 12 & 18,  
time of issue 0145h. 22.1.46.





OBSERVATIONS at 00hr. G.M.T. 22nd January															OBSERVATIONS at 06hr. G.M.T. 22nd January															OBSERVATIONS during NIGHT									
District	STATIONS	Height above M.S.L. in feet	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.					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.	Dir.	Force.	Form.	Amount.		Height of Base Hundreds of feet.	18h.-00h.	00h.-06h.	Min. °F.		Max. °F.				
																																				A.	B.	A.	B.
1	Kew Croydon Boscombe Down Tangmere Friston	16 217 417 53	30.5 28.9 29.5	0 -2 0	E SSE ENE	1 3 2	F of m	30 28 34	27 28 33	0 2 4	- - 1	- - -	- - -	27.4 29.0 26.4 27.2	-20 -14 -26 -16	E SE SW E	1 1 2 2	F F F F	32 32 33 32	30 30 33 31	1 2 3 4	- - - -	- - - -	- - - -	4 5 6 3	off of off off	off off off off	30 23 25 29	29 21 25 29	- - - -									
2	Lympne Manston Wetherfield Woodbridge Gorleston	341 140 317 91 5	31.1 31.5 30.6 31.5 30.2	0 +1 -8 0 +2	ESE SE S S SE	2 2 1 0 5	of f F m m	38 36 32 35 40	37 36 32 34 35	3 3 1 4 5	- - - - 2	- - - - -	- - - - -	29.4 29.2 29.3 29.5 28.9	-12 -14 -6 -14 -18	ESE SE SE SSW SE	2 2 1 1 4	F F F F F	31 33 33 31 40	28 30 30 31 35	6 5 5 5 6	- - - - -	- - - - -	- - - - -	4 4 3 3 0	off off off off off	off off off off off	28 30 30 30 36	22 26 26 26 36	- - - - -									
3	Mildenhall Langham Waddington Cranfield Honiley	13 435 235 340 427	30.4 31.1 29.7 30.3 29.0	-2 -2 -2 +6 -4	S S SSW SE SE	2 3 3 4 2	F F F F F	32 32 32 28 29	32 32 32 28 29	1 1 1 1 2	- - - - -	- - - - -	- - - - -	28.2 29.3 27.8 27.7 25.9	-12 -10 -14 -12 -18	SSE S S SSE SE	3 2 4 2 3	F F F F F	35 29 30 31 32	35 29 30 31 32	2 3 3 0 1	- - - - -	- - - - -	- - - - -	1 1 3 3 3	off off off off off	off off off off off	31 29 28 27 27	26 29 29 27 27	- - - - -									
4	Little Rissington Madley	731 270	29.6 29.2	-12 -6	SE SSE	1 1	F f	27 27	27 27	1 2	- -	- -	- -	26.4 25.1	-22 -26	SE -	3 0	F -	31 30	31 29	1 4	- -	- -	- -	- -	3 3	off off	off off	26 26	22 26	- -								
5	Bristol Chivenor Yeovil	209 30 50	28.4 26.0 27.3	-4 -8 -6	SE E SSE	2 3 3	m m bc	29 35 36	27 33 34	4 5 6	- - -	- - -	- - -	26.1 22.4 24.5	-14 -26 -20	SE SE SE	2 2 3	m m C	35 40 38	34 37 36	5 5 5	- - -	- - -	- - -	3 3 0	off off off	off off off	25 34 34	20 29 29	- - -									
6	Portland Bill Exeter Plymouth St. Eval Predannack Guernsey	34 100 86 345 293 340	26.9 26.4 26.6 25.0 24.9 24.6	-4 -10 -6 -10 -10 -8	ESE SSE SE SE SSE SE	4 3 3 3 2 2	C m m bc bc bc	45 44 41 41 43 43	38 40 40 39 37 36	7 6 6 6 6 6	- - - - - -	- - - - - -	- - - - - -	24.5 23.9 23.8 21.4 21.4 25.1	-8 -12 -14 -22 -22 -18	SE SSE SSE SSE SSE S	5 3 3 3 2 4	C C C C C C	45 44 43 43 43 42	42 39 39 40 40 40	7 6 6 6 6 6	- - - - - -	- - - - - -	- - - - - -	1 1 0 0 0 1	off off off off off off	off off off off off off	44 35 39 39 45 46	31 35 34 34 32 32	- - - - - -									
7	Scilly, St. Marys Fairwood Pembroke Aberporth Penrhos	163 268 142 425 63	23.8 26.4 22.7 24.5 24.5	-14 -10 0 -6 -6	SSE ESE SE SE SE	3 4 6 5 5	C m bc m m	48 35 44 36 32	44 31 43 43 32	8 5 6 6 6	- - - - -	- - - - -	- - - - -	19.1 22.8 26.0 26.3 26.5	-24 -20 -22 -22 *	SE SE SE SE SE	5 4 6 6 4	C C C C C	48 37 45 39 40	45 35 44 36 36	7 5 8 6 7	- - - - -	- - - - -	- - - - -	1 1 0 3	off off off off off	off off off off off	45 34 44 34 36	25 25 25 25 30	- - - - -									
8	Holyhead, Valley Hawarden Manchester Squires Gate Crosby	32 15 230 33 104	24.0 27.4 27.9 27.9 25.7	-14 -6 -4 -4 -14	NE NE SSE SSE S	5 4 4 4 3	Z m m m m	40 31 32 32 33	33 29 31 31 30	6 5 5 5 5	- - - - -	- - - - -	- - - - -	19.5 23.5 24.4 21.9 21.9	-22 -26 -20 -26 -26	SSE SSE SSE SSE SE	7 4 4 5 5	C C C C C	42 32 33 33 34	35 31 33 33 28	7 4 5 5 5	- - - - -	- - - - -	- - - - -	0 3 3 3 3	off off off off off	off off off off off	38 28 29 34 34	35 26 23 23 24	- - - - -									
9	Ashbourne Finningley Spurn Head Leeming Tynemouth	590 88 19 105 108	29.2 28.9 28.7 27.8 27.5	0 -4 0 -10 -8	SSE S S S S	3 2 5 2 3	F F F F m	30 33 35 33 37	30 31 35 32 32	2 2 3 1 5	- - - - -	- - - - -	- - - - -	26.3 26.5 27.5 26.0 25.8	-18 -18 -16 -12 -16	ESE SSE SSE S S	3 3 3 4 3	F F F F m	30 31 33 32 34	30 30 33 32 31	1 4 2 4 5	- - - - -	- - - - -	- - - - -	4 8 0 6 1	off off off off off	off off off off off	28 31 32 31 33	28 31 32 31 26	- - - - -									
10	Acklington St. Abb's Head Leuchars Arbroath Abbotsinch	138 280 31 158 19	26.9 25.1 24.7 25.2 23.4	-10 -8 -16 -4 -16	S SSE SSE SE SSE	3 5 4 5 2	m C m bc m	36 37 34 37 35	33 32 30 32 35	4 6 6 7 4	- - - - -	- - - - -	- - - - -	24.6 21.2 21.4 21.8 18.9	-12 -20 -16 -16 -26	SE SSE S SSE ESE	3 6 3 6 3	C C C C C	42 32 33 35 36	35 29 27 32 34	5 5 6 7 5	- - - - -	- - - - -	- - - - -	3 3 3 5 3	off off off off off	off off off off off	31 31 32 21 33	31 25 25 21 28	- - - - -									
11	Prestwick West Freugh Eskdalemuir Jurby, I. of Man Machrihanish	30 52 794 84 35	22.0 23.0 23.8 19.9 19.9	-22 -14 -14 -22 -22	SE SSE SSE SE SE	4 4 4 4 5	m m m m m	36 40 40 37 42	31 37 37 33 38	4 6 6 4 6	- - - - -	- - - - -	- - - - -	17.5 18.9 22.5 20.1 15.0	-24 -24 -10 -18 -24	SE SSE SW SE SE	5 6 6 4 7	C C C C C	35 40 28 41 42	32 38 27 36 42	4 5 5 6 5	- - - - -	- - - - -	- - - - -	3 1 4 0 1	off off off off off	off off off off off	34 35 25 36 41	32 35 18 32 40	- - - - -									
12	Tree Benbecula Stornoway Cape Wrath Dalwhinnie	44 27 12 367 176	14.7 10.7 12.4 15.0 15.0	-24 -26 -20 -18 -18	SSE SSE SSE SE SE	7 7 7 3 3	m r r bc bc	46 44 45 44 44	41 42 45 34 37	6 6 6 5 5	- - - - -	- - - - -	- - - - -	10.5 07.8 07.1 10.6 10.6	-20 -14 -16 -12 -12	SSE SE SE SSE SSE	8 6 6 4 4	C C C C C	45 45 44 41 41	45 45 41 32 32	5 5 6 5 5	- - - - -	- - - - -	- - - - -	1 3 1 1 1	off off off off off	off off off off off	44 44 44 39 29	42 42 40 39 26	- - - - -									
13	Aberdeen Peterhead Alness Wick	79 147 63 114	19.1 19.3 19.3 19.3	-14 -16 -16 -16	SW SSE SSE SSE	5 7 7 7	C bc bc bc	39 40 40 40	29 31 31 31	7 7 7 7	- - - -	- - - -	- - - -	14.3 17.0 17.0 17.0	-26 -14 -14 -14	SW SW SW SW	3 6 6 6	C C C C	40 40 40 40	32 32 32 32	7 7 7 7	- - - -	- - - -	- - - -	0 0 0 0	off off off off	off off off off	37 39 39 39	31 35 35 35	- - - -									
14	Lerwick Blackpool Point Main Head Aldergrove	269 18 84 244	20.1 11.5 11.5 18.6	-10 -10 -10 28	SE SSW SSW SSE	8 6 6 5	C bc bc m	42 48 48 48	36 47 47 38	7 6 6 6	- - - -	- - - -	- - - -	16.1 09.5 09.2 14.4	-26 -6 -14 -18	SE S S SE	8 2 4 5	C C C C	43 43 45 45	38 41 43 42	7 7 7 7	- - - -	- - - -	- - - -	1 2 1 1	off off off off	off off off off	42 45 42 41	40 42 42 35	- - - -									
15	Caas Archdale Birr Castle Collinstown Foyens																																						



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

Wednesday 23rd January 1946

No. 30743

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

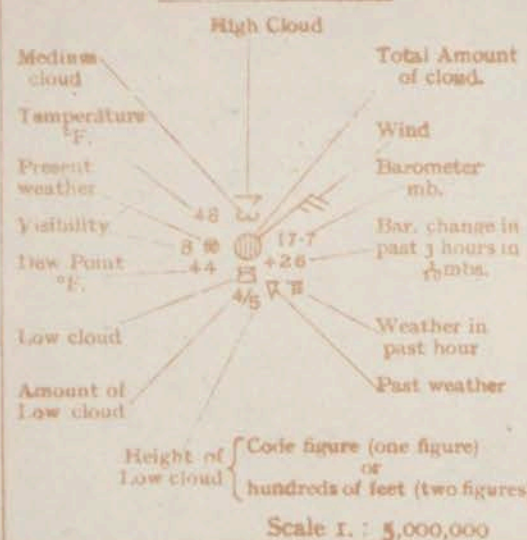
OBSERVATIONS at 18h. G.M.T. 22nd January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 22 <sup>nd</sup> January																	OBSERVATIONS at 18h. G.M.T. 22 <sup>nd</sup> January																	OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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.	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.	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.	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.	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



## STATION MODEL



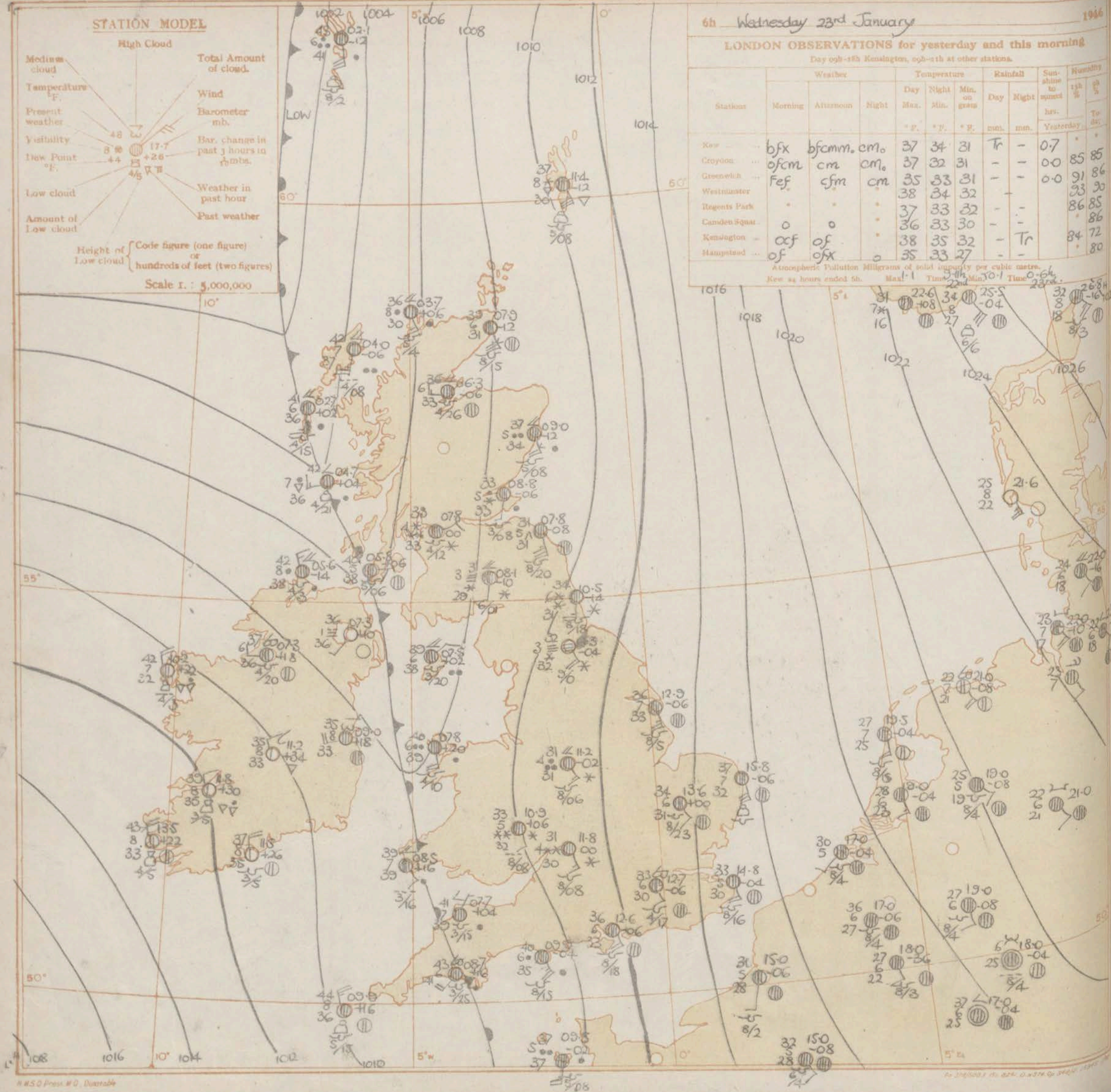
6h Wednesday 23rd January

1946

## LONDON OBSERVATIONS for yesterday and this morning

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

Station	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
				Day Max.	Night Min.	Min. on ground	Day	Night		Yesterday	To-day
Kew	bfx	bfcmm.	cm.	37	34	31	Tr	-	0.7	85	85
Croydon	ofcm	cm	cm.	37	32	31	-	-	0.0	85	86
Greenwich	Fef	cfm	cm	35	33	31	-	-	0.0	91	86
Westminster	.	.	.	38	34	32	-	-	.	86	85
Regents Park	.	.	.	37	33	32	-	-	.	86	85
Camden Square	o	o	.	36	33	30	-	-	.	86	86
Kensington	of	of	.	38	35	32	-	Tr	.	84	72
Hampstead	of	ofx	o	35	33	27	-	-	.	80	80

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max. 1.1 Time 22.1 Min. 0.1 Time 23.1

A trough  
England  
Southeast  
South Sea  
Southern E  
many pla  
England the  
slowly east  
from west a

Clark's Pro  
Sundries W

Hammer, Isobars  
When Arrows by or  
shorter than the sta  
WEATHER SYMBOLS  
Sky 2/10 to 10/10  
= Fog.  
The hour of observa  
wh

FRONTS or bound  
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as well as pre  
= W  
= W  
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NOTE - The  
When the free



## GENERAL INFERENCE

A trough of low pressure extending across Scotland, Wales and South-west England is moving slowly eastwards. Weather will be fair in east and Southeast England, at first, but a belt of precipitation now affecting east and south Scotland, north England and much of Wales, the Midlands and Southern England will move slowly east. The precipitation will start as snow in many places but will turn to rain. In north-west Scotland, Ireland and South-west England there will be scattered showers and bright periods and these conditions will spread slowly eastwards behind the belt of precipitation. Further general rain will spread from west across Ireland later. It will be generally cold or rather cold.

## FURTHER OUTLOOK

Milder conditions spreading from west with periods of rain in most districts.

↓ Gale warnings in operation in district 15 Time of issue 12.45 GMT 21st and in district 16 Time of issue 16.45 GMT 20th.

## Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 23rd January

1946.

Clark's Projection Scale 1 : 4 × 10<sup>7</sup> along meridian at 0° N.  
Statute Miles

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
Arrows show 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.  
Precipitation is given in degrees F.  
Sky 2/10 to 9/10 clouded. ☁ Overcast sky. ☁ Rain falling. ☁ Snow. ☁ Sleet. ☁ Hail.  
☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm.

Fronts are not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.  
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  
— Cold Front on the surface  
— Cold Front above the ground  
— Warm 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.

— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations

All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday 23<sup>rd</sup> January 1940

No. 30743

OBSERVATIONS at 00hr. G.M.T. 23 <sup>rd</sup> January															OBSERVATIONS at 06hr. G.M.T. 23 <sup>rd</sup> January															OBSERVATIONS during 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	Dir.			Force	Form				Amount		Height of Base Hundreds of feet	rsh.-oon.	oon.-oon.		Min. 00hr.	Min. 06hr.						
											Low	Med										High	Total				Low			Med	High	Total	Low	Med	High
1	Kew	16					34								12.3	-4	SEE	2	mo	34	28	5	S				25		1	cm.	cm.	34	31		
	Croydon	217	14.0	-22	ESE	3	mo	34	30	6	S				12.7	-6	SE	2	mo	33	30	6	S	7		7	17		1	cm.	cm.	32	31		
	Boscombe Down	417	13.7	-22	SE	4	mo	40	37	6	S				12.2	-2	SE	4	rs	35	33	6	S			8	15	15		1	cm.	cm.	32		
	Tangier	53	14.6	-20	SE	4	mo	36	31	6	S				12.6	-6	SE	4	mo	36	33	6	S			8	18			1	cm.	cm.	35		
	Friston																																		
2	Lymington	341	16.5	-20	SE	4	mo	34	29	6	S				14.4	+6	SE	4	mo	36	29	6	S			8	25		1	cm.	cm.	33	32		
	Manston	140	17.4	-22	SSE	4	mo	34	30	6	S				14.8	-4	SE	4	mo	33	30	6	S			8	18		40	cm.	cm.	32			
	Weston	317	15.6	-28	S	2	M	33	30	4	S				13.5	-10	S	3	mo	32	32	6	S			8	18		3	cm.	cm.	32			
	Woodbridge	91	16.4	-22	SSE	2	mo	35	30	6	S				14.7	-4	SSE	2	mo	34	30	6	S			8	20		1	cm.	cm.	34	33		
	Gorleston	5	18.0	-14	SSE	3	mo	36	30	6	S				15.8	-6	SSE	6	O	37	32	7	S			8	20		0	cm.	cm.	35	32		
3	Mildenhall	15	15.2	-20	SSE	2	M	34	29	4	S				13.6	0	SE	2	mo	34	31	6	S			8	25		1	cm.	cm.	33	31		
	Langham	235	15.6	-22	SSE	3	mo	33	28	6	S				14.4	0	SE	3	mo	34	29	6	S			8	25		0	cm.	cm.	31	31		
	Waddington	235	15.1	-26	SSE	3	mo	32	30	5	S				13.5	-4	SSE	3	mo	32	31	5	S			8	48		4	cm.	cm.	30	28		
	Cranfield	340	15.0	-18	SSE	3	mo	32	29	5	S				12.9	+2	SSE	3	mo	32	29	5	S			8	16		0	cm.	cm.	32	28		
	Honiley	427	12.5	-26	SSE	4	iso	33	31	4	S				11.4	-2	SE	3	iso	32	31	4	S			8	10		71	cm.	cm.	30	28		
4	Little Rissington	731	12.9	-30	SSE	4	mo	31	29	5	S				11.8	0	SE	3	S.S.	31	30	4	S			8	8		4	cm.	cm.	31	29		
	Madley	270	11.8	-14	S	4	iso	35	33	6	S				10.9	+6	SSE	1	S.S.	33	32	8	S			8	8		71	cm.	cm.	32	31		
	Bristol	209	11.3	-16	SE	4	iso	37	34	6	S				10.2	+2	ESE	4	V.R.	35	34	6	S			8	11	25	1	cm.	cm.	33	32		
	Chivenor	90	07.8	-22	SSE	4	iso	41	38	7	S				07.7	+4	NNE	1	C	41	39	7	S			8	15	15	1	cm.	cm.	40	37		
	Yeovil	50	10.8	-22	SE	5	iso	37	34	5	S				09.2	0	SSE	1	C	37	35	5	S			8	10		1	cm.	cm.	35	34		
5	Portland Bill	32	12.1	-22	SE	5	iso	41	36	6	S				09.5	-4	SE	5	iso	40	35	6	S			8	15		1	cm.	cm.	38	38		
	Exeter	100	09.8	-18	SSE	4	iso	42	40	5	S				08.2	-2	SSE	3	iso	41	39	6	S			8	8		1	cm.	cm.	42	39		
	Plymouth	86	08.5	-36	SSE	6	iso	43	42	6	S				08.7	+16	SSE	4	mo	43	41	6	S			8	25		1	cm.	cm.	42	39		
	St. Eval	345	06.6	-14	W	3	iso	43	41	7	S				09.5	+22	NNE	2	iso	43	41	7	S			8	15		1	cm.	cm.	35	34		
	Frederick	203	07.3	-10	NW	3	iso	44	41	6	S				09.5	-16	NNE	5	C	44	36	8	S			8	15		1	cm.	cm.	44	34		
6	Scilly, St. Marys	163	07.4	-2	NW	5	bc	46	40	8	S				07.8	-2	ESE	3	iso	37	37	5	S			8	25		1	cm.	cm.	35	31		
	Fairwood	268	08.3	-16	SE	5	rr	43	39	6	S				08.5	+16	SE	2	bc	39	39	7	S			8	16		1	cm.	cm.	35	34		
	Pembroke	142	07.1	-6	SSE	3	rr	43	42	6	S				08.5	+16	SE	2	bc	39	39	7	S			8	20		1	cm.	cm.	35	34		
	Aberporth	425	07.5	-8	S	4	iso	40	38	6	S				08.3	+8	ESE	4	iso	39	38	6	S			8	13	25	1	cm.	cm.	38	37		
	Penrhos	63													08.7	+8	ESE	4	iso	39	38	6	S			8	13	25	1	cm.	cm.	38	37		
7	Holyhead, Valley	32	06.0	-20	SSE	5	iso	41	37	6	S				07.8	+20	SSE	4	iso	40	39	6	S			8	10	15	1	cm.	cm.	38	33		
	Hawarden	15	10.0	-20	SE	4	iso	34	34	4	S				09.3	-12	SSE	3	S.S.	33	31	5	S			8	8		1	cm.	cm.	32	31		
	Manchester	230	11.6	-22	SE	5	mo	35	32	6	S				09.7	-12	SSE	3	S.S.	33	31	5	S			8	11		1	cm.	cm.	32	30		
	Squires Gate	33																																	
	Crosby	164	10.4	-24	ESE	4	iso	35	30	6	S				08.3	-10	SE	3	iso	35	31	4	S			8	10	25	1	cm.	cm.	34	32		
8	Ashbourne	500	12.7	-26	ESE	4	mo	31	30	5	S				11.2	-2	SE	3	rr	31	31	4	S			8	6		8	cm.	cm.	30	30		
	Finningley	98	13.1	-10	SE	4	mo	33	30	6	S				11.6	-2	SSE	3	mo	33	29	6	S			8	17		8	cm.	cm.	33	32		
	Spurn Head	29	14.4	-22	S	4	O	36	33	7	S				12.9	-6	SE	5	O	36	33	7	S			8	25		8	cm.	cm.	33	32		
	Leeming	105	12.8	-26	SSE	3	mo	33	30	5	S				11.3	-4	SE	4	sf	32	32	5	S			8	0		8	cm.	cm.	31	31		
	Tynemouth	208	14.2	-22	S	4	C	35	29	7	S				10.5	-14	S	4	IS	34	31	6	S			8	18		1	cm.	cm.	34	32		
9	Acklington	138	12.8	-26	SSE	3	bc	33	28	7	S				10.2	-8	SSE	4	S.S.	32	30	5	S			8	20		71	cm.	cm.	31	31		
	St. Abb's Head	280	09.9	-30	SSE	6																													



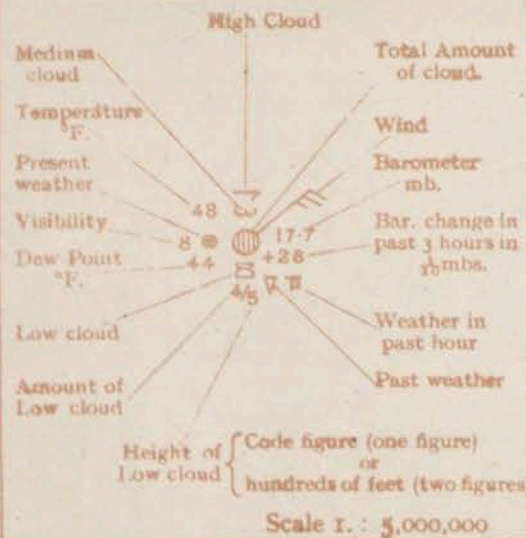
BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Thursday 24<sup>th</sup> January 1946  
No. 30744OBSERVATIONS at 12h. G.M.T. 23<sup>rd</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 23<sup>rd</sup> January

OBSERVATIONS during DAY

Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (5)	Dew Point °F. (6)	Visibility (7)	Cloud.				Height of Base Hundreds of feet. (15)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Temp. °F. (21)	Dew Point °F. (22)	Visibility (23)	Cloud.				Height of Base Hundreds of feet. (25)	State of Ground. (26)	Weather.		Max. Temp. °F. (36)	Sun- shine Hrs. (37)	Rain- fall inches (38)
			Dir.	Force.				Form.	Amount.	Low.	Dir.				Force.	Form.				Amount.	Low.	06h.-12h. (34)	12h.-18h. (35)							
Kew	14.2	+2	SSE	3	37	29	6	-	-	-	-	8	17.5	+24	ESE	2	m.	36	30	5	-	-	-	-	1	cm.	C2.2	38	0.0	-
Croydon	14.5	+6	SE	2	37	29	6	-	-	-	-	8	17.5	+22	E	1	m.	35	31	4	-	-	-	-	1	cm.	C2.2	38	0.0	-
Boscombe Down	13.1	+4	ESE	3	36	35	4	-	-	-	-	8	17.5	+30	E	1	m.	35	31	4	-	-	-	-	1	cm.	C2.2	38	0.0	-
Tangmere	13.5	+6	ESE	3	38	30	6	-	-	-	-	8	17.0	+26	NE	2	m.	35	33	6	-	-	-	-	1	cm.	C2.2	38	0.0	-
Priest	13.5	+6	ESE	3	38	30	6	-	-	-	-	8	17.0	+26	NE	2	m.	35	33	6	-	-	-	-	1	cm.	C2.2	38	0.0	-
Lymington	15.4	+4	ESE	3	34	31	6	-	-	-	-	8	18.4	+26	NEE	2	m.	32	29	5	-	-	-	-	3	cm.	cm.	35	0.0	-
Manston	15.5	+4	ESE	3	34	31	6	-	-	-	-	8	18.4	+26	NEE	2	m.	32	29	5	-	-	-	-	3	cm.	cm.	35	0.0	-
Wetherfield	15.4	+2	SSE	3	34	31	6	-	-	-	-	8	18.4	+26	NEE	2	m.	32	29	5	-	-	-	-	3	cm.	cm.	35	0.0	-
Woodbridge	15.7	+2	S	3	35	32	7	-	-	-	-	8	18.0	+4	S	3	m.	37	32	6	-	-	-	-	3	cm.	cm.	36	0.0	-
Corleston	16.0	+8	SSE	4	37	32	7	-	-	-	-	8	17.8	+4	S	3	m.	37	32	6	-	-	-	-	3	cm.	cm.	36	0.0	-
Mildenhall	15.0	+6	SE	2	36	31	5	-	-	-	-	8	17.6	+20	SES	3	m.	35	32	5	-	-	-	-	1	cm.	cm.	37	0.0	-
Langham	15.9	+2	SE	2	35	30	6	-	-	-	-	8	18.2	+18	S	2	m.	34	31	5	-	-	-	-	1	cm.	cm.	35	0.0	-
Widnall	14.6	+10	S	4	34	32	4	-	-	-	-	8	17.2	+16	S	2	m.	33	32	5	-	-	-	-	1	cm.	cm.	35	0.0	-
Crane	14.3	+10	S	3	36	28	5	-	-	-	-	8	17.5	+24	S	2	m.	33	32	5	-	-	-	-	1	cm.	cm.	35	0.0	-
Honiley	13.7	+14	SE	3	32	32	4	-	-	-	-	8	17.3	+26	SE	1	sf	32	32	1	-	-	-	-	7	os.	os.	33	0.0	0.5
Little Rissington	14.0	+14	SE	2	31	31	4	-	-	-	-	8	16.9	+18	SE	2	sf	32	32	1	-	-	-	-	4	os.	os.	32	0.0	3
Malley	13.5	+14	E	1	34	34	4	-	-	-	-	8	17.7	+28	-	0	F	33	33	2	-	-	-	-	7	os.	os.	35	0.0	6
Bristol	12.6	+16	ESE	2	35	34	5	-	-	-	-	8	17.4	+28	-	0	F	33	33	2	-	-	-	-	7	os.	os.	35	0.0	6
Chivenor	13.0	+22	NW	3	42	40	8	-	-	-	-	7	18.4	+34	NNW	1	cc	41	36	6	-	-	-	-	1	os.	os.	35	0.0	4
Yeovilton	12.0	+16	ESE	2	38	37	6	-	-	-	-	8	16.9	+32	NNW	1	cc	37	37	6	-	-	-	-	1	os.	os.	38	0.0	3
Portland Bill	11.2	+2	SE	5	41	38	6	-	-	-	-	8	15.3	+32	N	4	ir	40	38	6	-	-	-	-	3	ir	cc	41	0.0	3
Exeter	12.2	+24	NW	3	42	39	7	-	-	-	-	8	17.7	+36	NW	3	ir	40	37	6	-	-	-	-	3	ir	cc	41	0.0	3
Plymouth	13.5	+20	NNW	2	46	41	7	-	-	-	-	8	19.3	+34	NNW	4	ir	42	37	6	-	-	-	-	1	ir	cc	42	0.0	3
St Eval	14.1	+22	NNW	4	45	36	8	-	-	-	-	8	19.4	+34	NNW	4	ir	42	37	6	-	-	-	-	1	ir	cc	42	0.0	3
Redruth	13.8	+18	NNW	5	45	37	9	-	-	-	-	8	20.1	+38	NNW	4	ir	41	32	6	-	-	-	-	1	ir	cc	41	0.0	3
Guernsey	11.0	+6	NNW	5	44	42	8	-	-	-	-	8	16.0	+30	NW	5	ir	42	39	6	-	-	-	-	1	ir	cc	42	0.0	3
Scilly, St. Marys	15.5	+30	NNW	6	45	37	8	-	-	-	-	8	20.2	+26	NW	5	ir	43	30	6	-	-	-	-	1	ir	cc	43	0.0	10
Fairwood	13.4	+22	-	0	37	33	5	-	-	-	-	8	18.2	+32	NW	2	ir	38	37	2	-	-	-	-	1	ir	cc	42	0.0	0.6
Fembroke	13.7	+22	NE	3	44	39	8	-	-	-	-	8	18.8	+32	NNW	2	ir	42	33	2	-	-	-	-	1	ir	cc	42	0.0	1
Aberporth	13.2	+24	NNW	3	43	38	8	-	-	-	-	8	18.2	+34	NNW	3	ir	42	35	2	-	-	-	-	1	ir	cc	42	0.0	1
Pearthon	12.6	+18	-	0	40	39	7	-	-	-	-	8	17.3	+38	NNW	2	ir	41	36	2	-	-	-	-	1	ir	cc	41	0.0	0.4
Holyhead, Valley	12.6	+22	NW	3	44	39	8	-	-	-	-	8	17.4	+28	NW	4	ir	41	33	2	-	-	-	-	1	ir	cc	41	0.0	1
Hawarden	12.4	+6	SSE	3	34	34	5	-	-	-	-	8	16.7	+22	SE	1	ir	33	33	2	-	-	-	-	3	ir	cc	33	0.0	3
Manchester	12.8	+12	S	3	35	33	5	-	-	-	-	8	16.8	+26	SE	1	ir	33	33	2	-	-	-	-	4	ir	cc	33	0.0	3
Squires Gate	12.2	+20	S	3	35	33	5	-	-	-	-	8	16.5	+24	SSE	1	ir	34	33	5	-	-	-	-	1	ir	cc	34	0.0	Tr
Crosby	12.2	+20	S	3	35	33	5	-	-	-	-	8	16.5	+24	SSE	1	ir	34	33	5	-	-	-	-	1	ir	cc	34	0.0	Tr
Ashbourne	13.9	+10	SE	2	32	32	4	-	-	-	-	8	17.2	+24	ESE	2	ir	32	32	1	-	-	-	-	6	ir	cc	32	0.0	3
Finsbury	13.8	+10	SSE	4	33	32	4	-	-	-	-	8	16.9	+20	SSE	2	ir	33	33	2	-	-	-	-	6	ir	cc	33	0.0	3
Spurn Head	14.4	+8	SE	4	37	34	5	-	-	-	-	8	17.1	+26	S	3	ir	37	33	3	-	-	-	-	8	ir	cc	37	0.0	0.3
Leeming	12.4	+14	SSE	3	33	33	4	-	-	-	-	8	17.0	+22	S	2	ir	33	33	3	-	-	-	-	8	ir	cc	33	0.0	0.3
Lynmouth	13.0	+20	SSW	2	35	31	5	-	-	-	-	8	16.8	+20	SW	3	ir	34	32	3	-	-	-	-	1	ir	cc	34	0.0	0.4
Ackington	12.8	+10	S	2	33	31	4	-	-	-	-	8	16.0	+22	SSW	2	ir	33	32	4	-	-	-	-	4					



# STATION MODEL



6h

Thursday 24th January

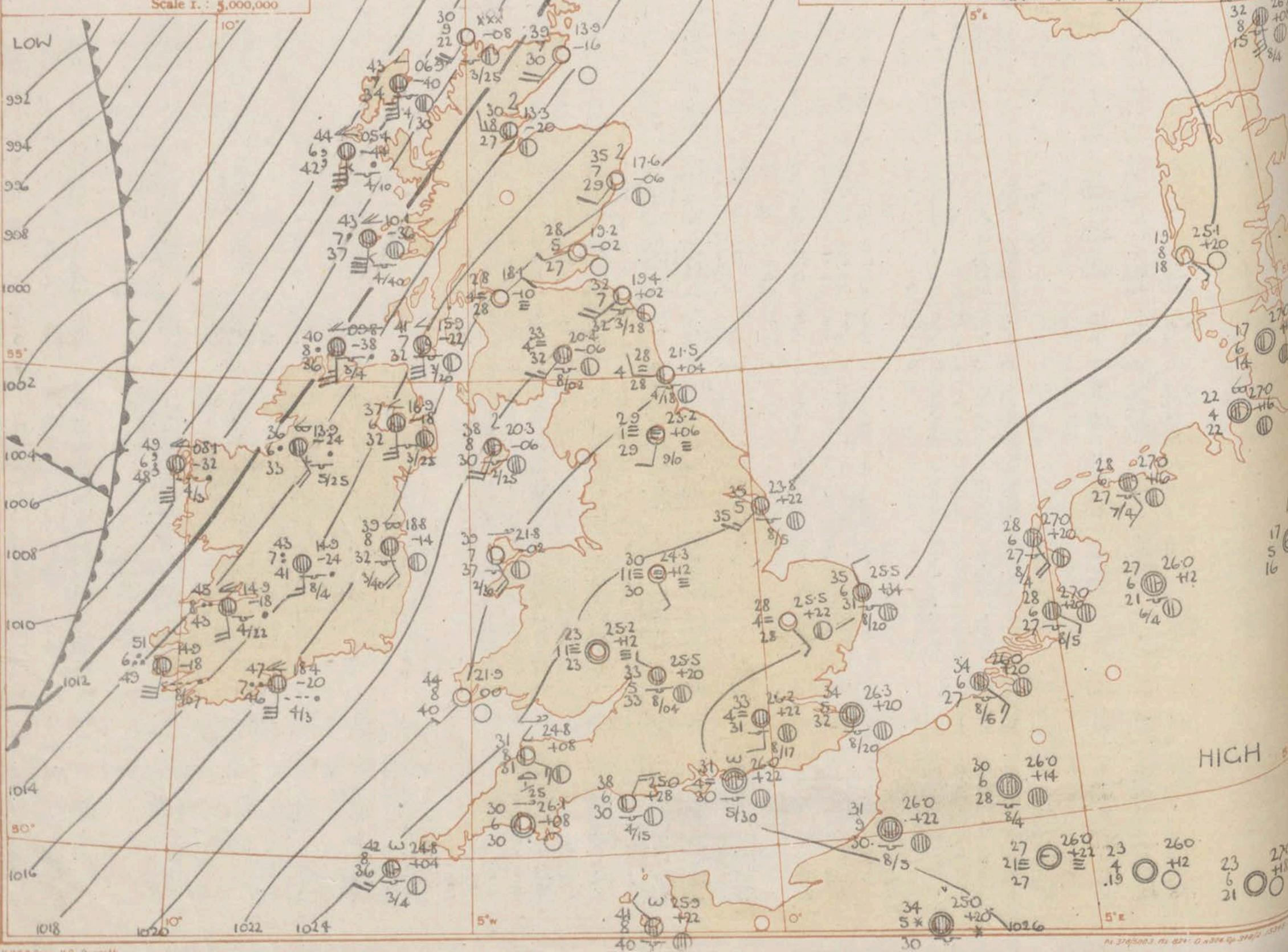
1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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 mm.	Night mm.		Yesterday	To-day
Kew	cm.	c2-2	cr.5-6	38	33	28	-	0.5	00	77	81
Croydon	cm.	c2-m	cr.5-6	37	32	31	-	0.6	00	77	81
Greenwich	cm.	cm.	cm.	37	32	29	-	-	0.0	77	81
Westminster	.	.	.	38	35	32	-	-	87	80	80
Regents Park	.	.	.	37	34	30	-	Tr	75	85	80
Camden Square	0	0	.	36	34	30	-	-	81	90	92
Kensington	0	0	.	37	34	29	-	0.2	81	90	92
Hamstead	ofs	ofs	of	35	32	27	Tr	Tr	81	90	92

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h, 24h Max. 0.5 Time 2.4h Min. 0.1 Time 11-13h





ing

Humidity

1st	2nd
77	81
77	81
87	90
75	85
81	90
81	92

To-day

26.7

108

8.4

270

116

17

5

16

270

118

### GENERAL INFERENCE

A vigorous depression is centred near Iceland, and pressure is high in the southeast of the British Isles. Troughs of low pressure will move east across the country. Rain over west Scotland, Ireland, and the Southwest Approaches will spread eastwards to all districts, reaching southeast England tonight. Showery conditions will prevail in Scotland and northern Ireland tomorrow morning, but elsewhere it will be dull with local rain or drizzle. Fairly widespread fog over much of England will only disperse slowly. Winds will reach gale force in the West and North. It will be cold at first in all eastern districts, becoming appreciably milder. It will become mild in the Southwest. It will be cold in the Northwest owing to the

### Inference continued.

strong winds, with temperatures mainly 40-45 degrees

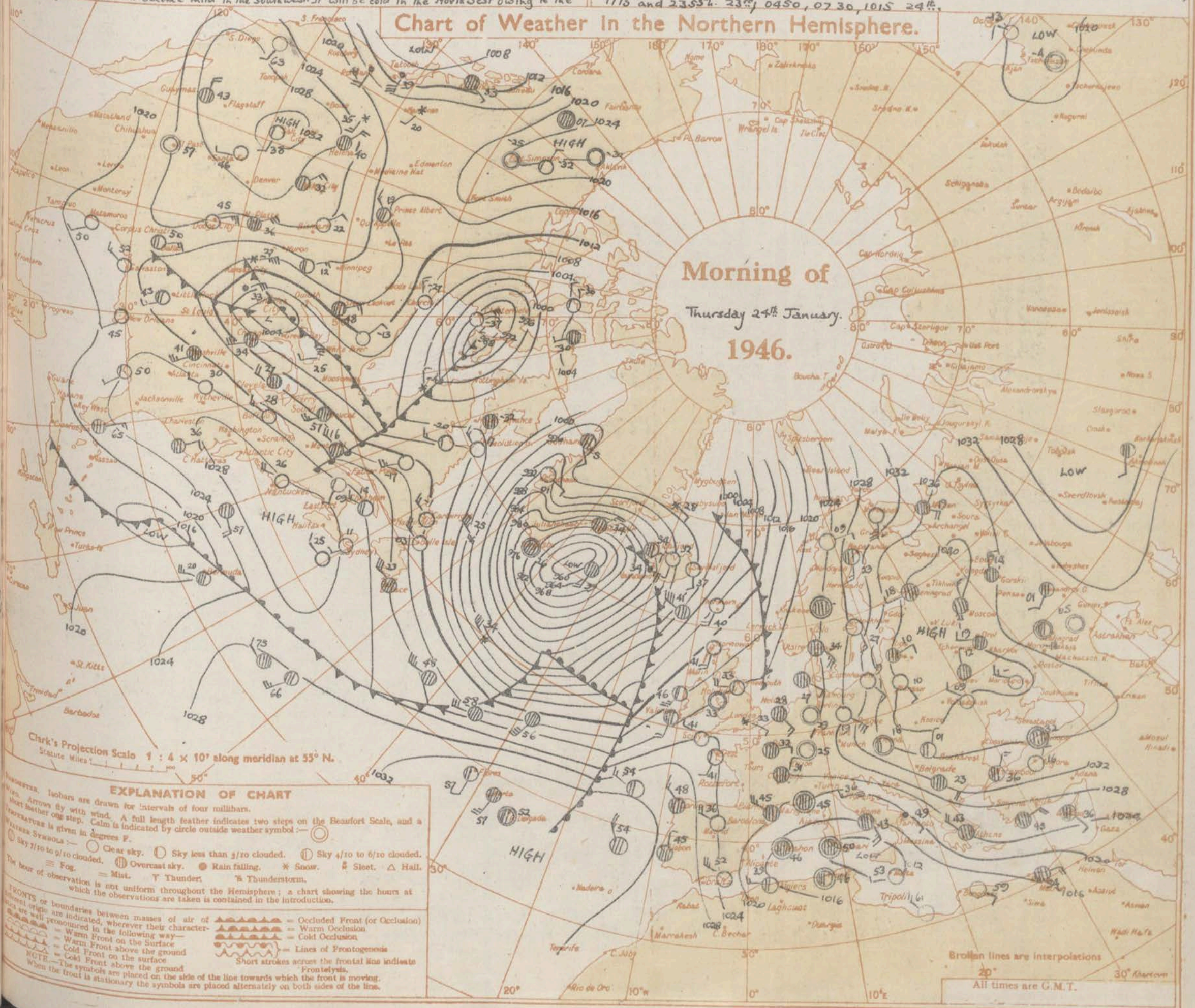
### FURTHER OUTLOOK

#### Further Outlook.

Unsettled, with occasional rain or showers in most districts. Warning of southerly gale in operation, districts 5, 6, 7, 8, 12, 13A, 13B, 15, 16, 17, 18, Severe gale in 13A, 13B, 16, 17. Times of issue 1205h. 19h; 2125 19h; 0530h. 20h; 1715 and 2355h. 23h; 0450, 0730, 1015 24h.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 24th January.  
1946.



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Scale in Miles

### EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
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 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.  
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  
— Cold Front on the Surface  
— Cold Front above the ground  
— Warm 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.  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations  
20° 30°  
All times are G.M.T.








THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 24th January 1946

No. 30744.

[illegible]

CODE FOR CLOUD AMOUNT (Cols. 22, 23, 24, 28, 29, 30)

0 = Nil    2 =     4 =     6 =     8 = Completely covered.  
1 = Trace    3 =     5 =     7 = More than 9 but with openings.    9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.  
A = Lowest cloud present.  
B = Next lowest cloud.

\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.

0 = Nil  
1 = Trace



OBSERVATIONS at 12h. G.M.T. 24th January

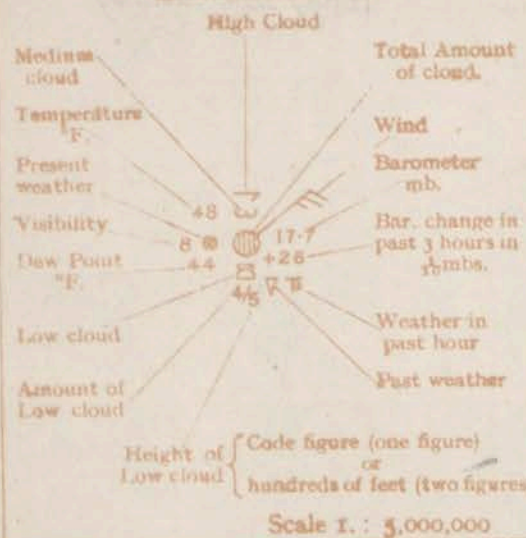
OBSERVATIONS at 18h. G.M.T. 24th January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 24th January													OBSERVATIONS at 18h. G.M.T. 24th January													OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																									
Duration.	Stations. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (5)	Dew Point (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (21)	Dew Point (23)	Visibility. (24)	Cloud.				Barom. at M.S.L. (31)	Change in 3 hours. (32)	Wind.		Temp. (35)	Dew Point (37)	Visibility. (38)	Weather.				Max. Temp. 24h. (39)	Sun- shine Hrs. (40)	Rain 24h. (41)																																																																																																																																																																																																																																																																																																																																																																																																																														
				Form.	Amount.				Total.	Low.	Form.	Amount.			Total.	Low.				Form.	Amount.	Total.	Low.			Form.	Amount.				Total.	Low.	Form.	Amount.				Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.	Form.	Amount.	Total.	Low.



# STATION MODEL



6h

Friday 25th January

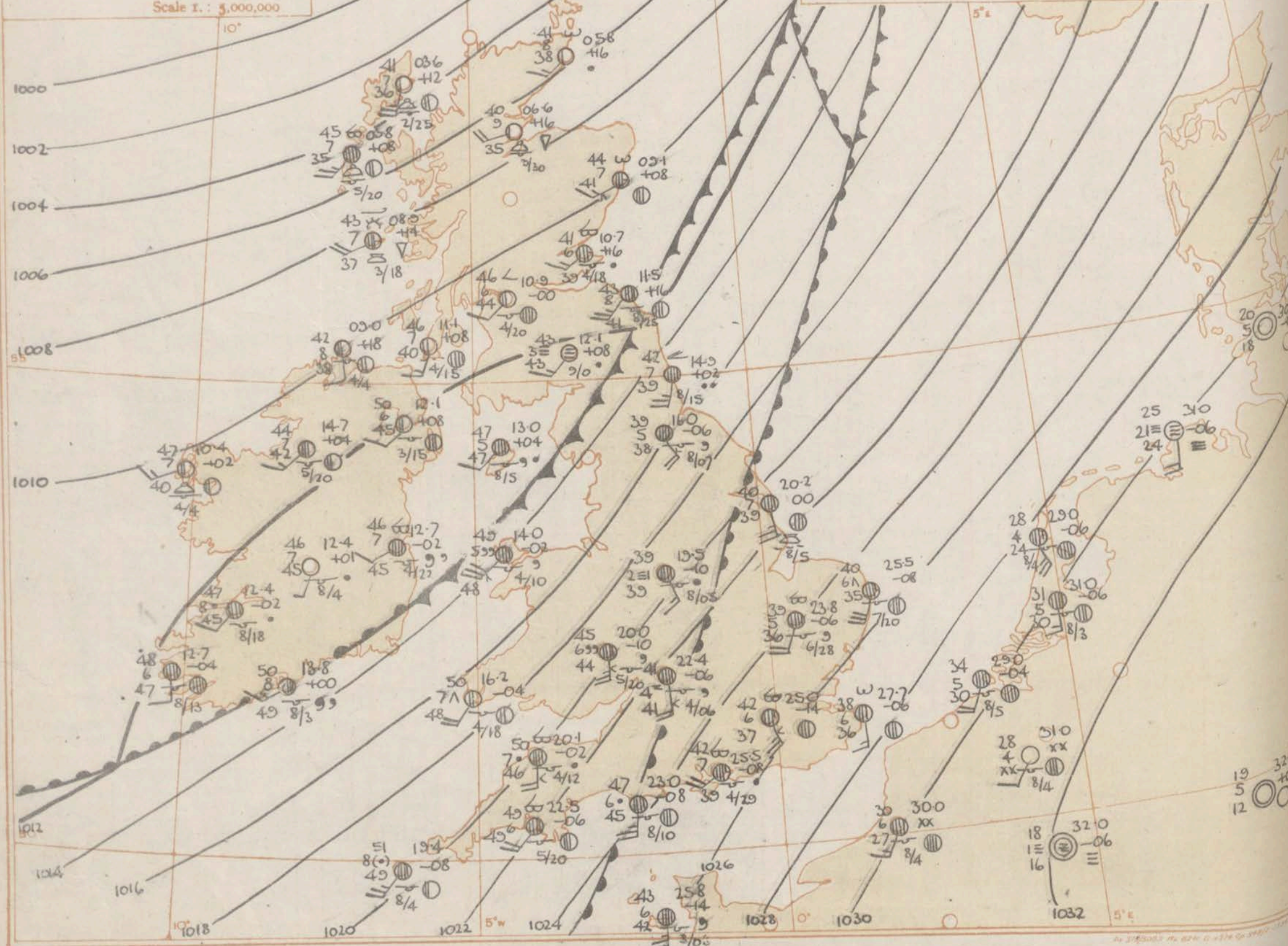
1946

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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	To 6h
Kew	cfm	cmobm	bmax	40	35	27	-	-	1.7	69	92
Croydon	c2o	c2obez	kama	42	36	33	-	Tr	2.3	73	91
Greenwich	cmocb	cb	bcmo	41	35	26	-	-	1.8	80	97
Westminster	.	.	.	44	36	25	-	-	-	77	96
Regents Park	.	.	.	42	36	32	-	-	-	.	90
Camden Square	o	c	.	37	35	29	-	Tr	-	81	90
Kensington	obc	bc	.	42	37	30	-	Tr	-	.	93
Hampstead	of	bcod	o	39	36	27	-	Tr	-	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 6h. 25th Max. 0.5 Time 24h Min. 0.1 Time 0-6h 0.15h





Day	Temp	Wind	Humidity
69	92		
73	91		
80	97		
77	96		
	90		
81	90		
	93		

### GENERAL INFERENCE

A warm southwesterly air current covers much of England and will give dull conditions with occasional slight rain or drizzle. There may be some improvement in Western districts later. It will be showery in west Scotland at first but rain over south Ireland is expected to spread north east rather quickly. It will become showery again in west Scotland and west Ireland later. Mainly mild.

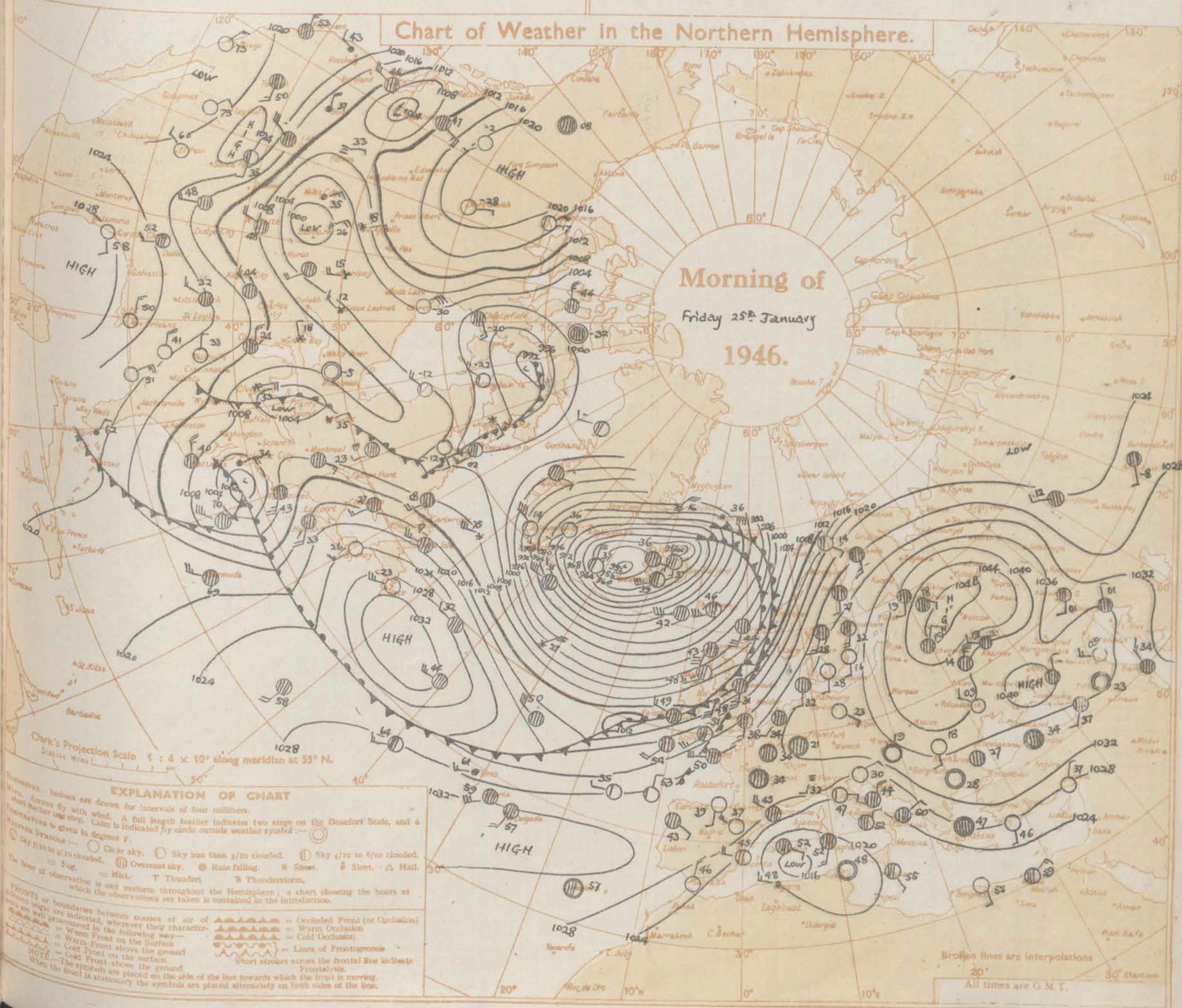
### FURTHER OUTLOOK

Dull with rain at times in most of England, improving slowly from the west. Showery in the Northwest.

▽ Gale warning in operation in districts 13, 16, 15. Issued at 04.50h and 10.15h. 24<sup>th</sup>

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 25<sup>th</sup> January  
1946.



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

### EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
Winds are indicated by arrows. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by a circle with a dot.  
Temperature is given in degrees F.  
Sky 7/10 to 9/10 cloudy. ○ Clear sky. ○ Sky less than 3/10 cloudy. ○ Sky 4/10 to 6/10 cloudy.  
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 origin are indicated, wherever their character is well pronounced in the following way—  
= Warm Front on the surface  
= Cold Front on the surface  
= Cold Front above the ground  
= Warm Front above the ground  
= Occluded Front (or Occlusion)  
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= Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.  
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When the front is stationary the symbols are placed alternately on both sides of the line.

Broken lines are interpolations  
All times are G.M.T.



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

Friday 25th January 1946

No. 30745

## OBSERVATIONS at 00hr. G.M.T. 25th January

## OBSERVATIONS at 06hr. G.M.T. 25th January

## OBSERVATIONS during 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.	Dir.			Force.	Form.				Amount.		Height of Base Hundreds of feet.	1st. - 00h.	00h. - 06h.		Min. °F.	Min. on Grass °F.					
											Low.	Med.										High.	Total.							Low.	Med.		High.	Total.
1	Kew	16			S	3	37	35	5						24.7	-10	SSW	3	mo	41	36	6	5					1	bmax	bmo2o	35	27		
	Croydon	217	27.0	-4	S	3	37	35	5						25.0	-14	SSW	3	mo	42	37	6	5					1	bcmcm.	bcmcm.	36	33		
	Boscombe Down	417	25.5	-4	SSW	4	41	40	5						23.7	-4	SSW	4	mo	43	43	7	5					1	bcm.	ocloclom	38	34	0.1	
	Tangmere	53	27.2	-4	SW	4	40	38	5						25.5	-8	SW	4	mo	42	39	7	5					1	bmo2o	cmobcm	37	33		
	Friston																																	
	Lymington	341	29.3	-4	SE	4	39	37	5						28.3	-2	S	4	mo	39	37	6	5					1	cm.	cmo	37	37		
	Manston	140	28.8	-4	SE	4	35	35	5						27.7	-6	S	3	mo	38	36	6	5					1	cbcm.	bcmcm.	34	34		
2	Wetherfield	317	27.8	-4	SSW	2	32	32	5						26.9	-10	SSW	3	mo	37	36	5	5					1	cm.	bcmcm.	31	31		
	Woodbridge	91	28.0	-6	SSW	3	37	36	5						26.6	-8	S	3	mo	38	37	6	5					1	cm.	bcmcm.	36	33		
	Gorleston	52	27.0	-10	SW	3	38	34	5						25.5	-8	SW	6	q	40	35	6	5					1	bo2.	cg2o	36	29		
	Mildenhall	15	25.6	-10	SE	4	35	33	5						23.8	-6	SW	4	mo	39	36	5	5					1	bm.	bmo2o	34	30		
	Langham	235	25.5	-10	S	4	35	31	5						23.9	-4	S	4	mo	38	34	6	5					1	bcm.	cmo	34	30		
	Waddington	235	22.6	-40	SW	4	40	35	5						23.3	-6	SW	5	mo	41	39	6	5					1	bcm.	cmo	32	30		
3	Cranfield	340	25.0	-6	S	4	36	34	5						23.5	-2	SSW	4	mo	38	35	6	5					1	bm.	bmo2o	35	33		
	Honiley	417	22.3	-18	S	4	39	36	5						20.8	-8	S	4	C	41	41	7	5					1	C	C	37	32		
4	Little Rissington	731	24.3	-12	S	3	37	34	5						22.4	-6	S	4	C/S	41	41	4	5					1	cm.	cmo	35	35		
	Madley	270	22.6	-2	SW	3	42	40	5						20.0	-10	S	5	dodo	45	44	6	5					1	cm.	cmo	39	36		
5	Bristol	209	23.9	-8	SW	3	42	42	5						22.1	-4	SW	4	mo	48	47	6	5					1	cm.	cmo	44	41		
	Chivenor	20	23.0	-8	SSW	3	42	42	5						22.1	-2	S	4	mo	50	46	7	5					1	cm.	cmo	47	44		
	Yeovilton	50	23.9	-10	S	3	42	42	5						22.5	-6	SW	4	dodo	49	47	6	5					1	cm.	cmo	49	44		
	Portland Bill	32	24.8	-12	SSW	3	48	41	5						23.0	-8	S	5	mo	47	45	6	5					1	mo	mo	45	42		
	Exeter	100	23.8	-12	S	3	47	41	5						22.9	-10	SSW	4	mo	49	47	6	5					1	mo	mo	48	45		
	Plymouth	86	23.9	-10	SSW	3	47	41	5						22.5	-6	SSW	4	mo	49	47	6	5					1	mo	mo	47	42		
	St. Eval	345	23.9	-10	SSW	3	47	41	5						22.5	-6	SSW	4	mo	49	47	6	5					1	mo	mo	47	42		
	Tredannack	403	22.7	-10	SSW	3	47	41	5						22.3	-8	SSW	5	mo	50	48	6	5					1	mo	mo	48	45		
	Guernsey	340	22.7	-10	SSW	3	47	41	5						22.3	-8	S	5	mo	43	42	6	5					1	mo	mo	43	41		
	Scilly, St. Marys	103	21.1	-6	SW	3	51	50	5						19.4	-8	SW	5	q/p	51	49	8	5					1	cp	C	50	29		
6	Fairwood	268	21.0	-10	SW	4	47	46	5						19.3	-10	SSW	5	mo	47	45	6	5					1	cm.	cmo	45	29		
	Pembroke	142	17.7	-6	SW	4	47	46	5						16.2	-10	SSW	4	q	50	48	7	5					1	cm.	cmo	46	46		
	Aberporth	425	19.4	-6	SW	4	47	46	5						16.7	-10	SSW	4	q	50	48	7	5					1	cm.	cmo	46	46		
7	Penrhos	63													15.6	-8	SW	5	mo	49	48	6	5					1	cm.	cmo	43	45		
	Holyhead, Valley	32	14.9	-10	S	6	48	47	6						14.0	-2	SSW	6	dodo	49	48	5	5					1	cm.	cmo	46	46		
	Hawarden	15	18.2	-10	SSW	5	43	40	7						15.5	-12	SSW	5	C	47	43	7	5					1	cm.	cmo	39	38		
8	Manchester	230	18.8	-10	SW	5	43	39	6						15.5	-4	S	5	mo	45	42	6	5					1	cm.	cmo	40	35		
	Squires Gate	23																																
	Crosby	104	12.7	-16	S	7	42	39	6						13.3	+6	S	3	mo	43	43	6	5					1	cm.	cmo	39	39		
9	Ashbourne	590	21.5	-10	SSW	3	37	34	6						19.9	-10	SSW	3	C/S	39	39	2	5					4	cm.	cmo	36	32		
	Finningley	38	20.7	-10	S	3	40	35	5						19.7	-6	S	5	mo	43	40	6	5					1	cm.	cmo	37	35		
10	Spurn Head	29	21.8	-16	S	3	38	37	5						20.2	-6	S	5	mo	40	39	6	5					1	cm.	cmo	36	34		
	Leeming	105	17.5	-10	S	3	38	37	5						16.0	-6	S	5	mo	39	38	6	5					1	cm.	cmo	35	34		
	Tynemouth	108	14.8	-10	S	7	41	36	6						14.9	+2	S	5	q/r	42	39	7	5					1	cm.	cmo	38	37		
	Acklington	138	13.3	-4	SSW	4	41	38	6						13.3	-2	SSW	3	q/r	44	41	7	5					1	cm.	cmo	38	35		
	St. Abb's Head	280	03.6	+9	SSW	6	42	40	6						10.5	+16	SSW	3	mo	43	41	7	5					1	cm.	cm				



OBSERVATIONS at 12h. G.M.T. 25th January

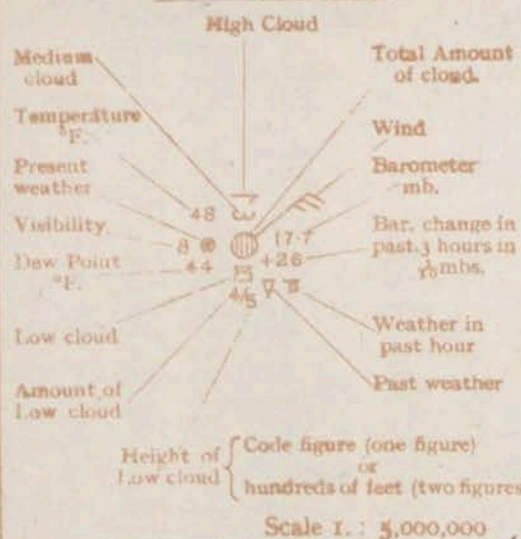
OBSERVATIONS at 18h. G.M.T. 25th January

OBSERVATIONS during DAY

OBSERVATIONS at 18h. G.M.T. 25th January																		OBSERVATIONS at 18h. G.M.T. 25th January																		OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Distance.	STATIONS	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	Wind.		Temp.	D



# STATION MODEL



6h

Saturday 26th January

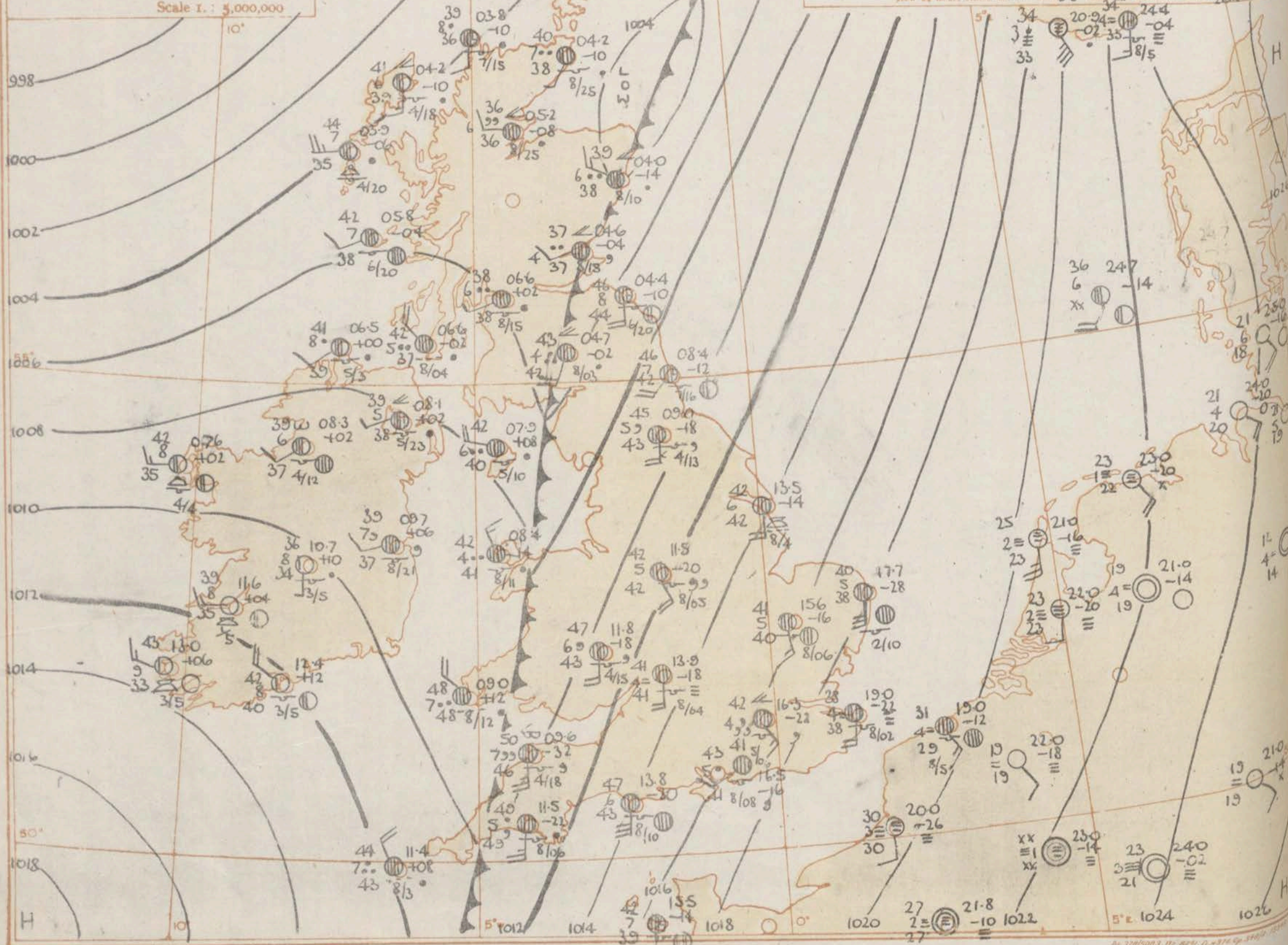
1946

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to spot	Humidity
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		
Kew	Cloudy	Cloudy	Cloudy	43	42	41	Tr	1	00	97
Croydon	Cloudy	Cloudy	Cloudy	43	32	32	0.6	3	00	94
Greenwich	Cloudy	Cloudy	Cloudy	43	41	39	Tr	Tr	00	94
Westminster				45	42	40	0.6			92
Regents Park				44	42	40	-	1		97
Camden Square	0	0		43	42	40	-	1		93
Kensington	C	Co		44	42	41	Tr	1		93
Hampstead	0	or	0	42	40	36	-	2		93

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h Max 0.3 Time 2h Min 0.1 Time 2h





Broken lines are interpolations  
20°  
All times are G.M.T.



## OBSERVATIONS at 00hr. G.M.T. 26th January

## OBSERVATIONS at 06hr. G.M.T. 26th January

## OBSERVATIONS during 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												
					Dir.	Force.				Form.	Amount.			Height of Base Hundreds of feet.			Dir.	Force.				Weather.	Temp.	Dew Point.	Visibility.	Form.		Amount.			Height of Base Hundreds of feet.	rsh.-ooh.	ooh.-ooh.	Min. °F.	Min. on Grass °F.	Max. (40) °F.						
											Low.	Med.	High.															Total.	A.	B.							Low.	Med.	High.	Total.	A.	B.
1	Kew	16	20.3	-12	SSW	3	42	40	4	1	1	1	1	1	15.7	-24	SSE	3	42	41	5	1	1	1	1	1	cm	cm	42	41	3											
	Croydon	217	19.1	-10	SSW	4	43	43	4	1	1	1	1	1	16.3	-22	SSE	4	43	41	4	1	1	1	1	1	cm	cm	42	41	3											
	Boscombe Down	417	20.0	-14	SW	4	43	43	4	1	1	1	1	1	16.5	-16	SW	4	43	41	5	1	1	1	1	1	cm	cm	41	41	3											
	Tangmere	53			SW	4	43	43	4	1	1	1	1	1			SW	4	43	41	5	1	1	1	1	1	cm	cm	41	41	3											
	Friston	1			SW	4	43	43	4	1	1	1	1	1			SW	4	43	41	5	1	1	1	1	1	cm	cm	41	41	3											
	Lymington	341	22.2	-12	SSE	4	38	38	6	1	1	1	1	1	19.0	-12	SSE	3	37	37	2	1	1	1	1	1	cm	cm	37	37	3											
	Manston	140	22.3	-10	SE	4	38	38	6	1	1	1	1	1	19.0	-22	S	4	38	38	2	1	1	1	1	1	cm	cm	37	37	3											
2	Wetherfield	517	20.5	-10	SW	3	40	40	6	1	1	1	1	1	16.9	-18	SW	3	40	40	4	1	1	1	1	1	cm	cm	40	40	3											
	Woodbridge	92	21.3	-14	S	4	40	38	6	1	1	1	1	1	18.1	-18	ESE	3	39	39	5	1	1	1	1	1	cm	cm	39	37	3											
	Corlston	3	21.4	-8	SW	6	41	39	6	1	1	1	1	1	17.7	-28	S	6	40	38	5	1	1	1	1	1	02	02	39	37	3											
	Mildenhall	15	19.4	-6	SE	4	42	41	6	1	1	1	1	1	15.6	-16	SSE	3	41	40	5	1	1	1	1	1	cm	cm	41	39	3											
	Langham	235	19.2	-10	S	3	41	39	6	1	1	1	1	1	15.9	-18	S	3	40	39	6	1	1	1	1	1	cm	cm	41	39	3											
	Waddington	435	17.1	-4	SSW	4	43	42	6	1	1	1	1	1	14.4	-14	SSW	5	43	41	6	1	1	1	1	1	cm	cm	41	40	3											
3	Cranfield	340	18.4	-8	SSW	4	41	40	6	1	1	1	1	1	15.4	-20	SSW	4	41	40	6	1	1	1	1	1	cm	cm	41	41	3											
	Honiley	427	16.1	-8	S	5	43	42	6	1	1	1	1	1	12.6	-18	SSE	4	43	42	6	1	1	1	1	1	cm	cm	42	41	3											
4	Little Rissington	731	17.1	-12	S	5	43	43	6	1	1	1	1	1	13.9	-18	S	4	41	41	4	1	1	1	1	1	cm	cm	40	39	3											
	Madley	270	14.8	-12	SSW	4	47	45	6	1	1	1	1	1	11.3	-26	SSW	5	47	43	6	1	1	1	1	1	cm	cm	45	44	3											
5	Bristol	309	16.2	-20	S	4	47	45	6	1	1	1	1	1	11.3	-26	S	4	46	43	6	1	1	1	1	1	cm	cm	45	43	3											
	Chivenor	20	14.3	-14	S	4	50	46	6	1	1	1	1	1	09.6	-32	S	4	50	46	6	1	1	1	1	1	cm	cm	45	43	3											
	Yeovilton	50	16.7	-14	S	4	47	45	6	1	1	1	1	1	12.8	-24	S	4	46	43	6	1	1	1	1	1	cm	cm	45	44	3											
	Portland Bill	32	18.0	-10	SSE	4	47	43	6	1	1	1	1	1	13.8	-20	S	4	47	43	6	1	1	1	1	1	cm	cm	47	45	3											
	Exeter	100	16.6	-10	SSE	4	47	43	6	1	1	1	1	1	12.1	-24	S	4	47	43	6	1	1	1	1	1	cm	cm	47	45	3											
	Plymouth	86	16.6	-10	SSE	4	47	43	6	1	1	1	1	1	11.3	-22	S	4	47	43	6	1	1	1	1	1	cm	cm	47	45	3											
	St. Eval	345	13.3	-20	SSW	4	50	47	6	1	1	1	1	1	10.4	-32	SSW	4	49	48	6	1	1	1	1	1	cm	cm	47	45	3											
	Preddanack	403	13.8	-18	SSW	4	50	47	6	1	1	1	1	1	10.5	-34	SSW	4	49	48	6	1	1	1	1	1	cm	cm	47	45	3											
	Guernsey	340	19.7	-16	S	4	43	43	6	1	1	1	1	1	8.5	-14	S	4	43	43	6	1	1	1	1	1	cm	cm	47	45	3											
6	Scilly, St. Marys	163	11.0	-18	SW	6	51	49	6	1	1	1	1	1	11.4	+8	NNW	4	44	43	7	1	1	1	1	1	cm	cm	47	45	3											
	Fairwood	206	13.1	-16	S	6	48	48	6	1	1	1	1	1	09.3	-28	S	5	48	48	6	1	1	1	1	1	cm	cm	47	45	3											
	Pembroke	142	08.8	-16	S	6	50	48	6	1	1	1	1	1	09.3	+12	NNW	4	48	48	6	1	1	1	1	1	cm	cm	47	45	3											
	Aberporth	443	10.9	-12	S	6	49	47	6	1	1	1	1	1	09.3	+12	NNW	4	48	48	6	1	1	1	1	1	cm	cm	47	45	3											
	Pearbes	63			S	6	49	47	6	1	1	1	1	1	09.3	+12	NNW	4	48	48	6	1	1	1	1	1	cm	cm	47	45	3											
7	Holyhead, Valley	32	08.1	-18	SE	6	48	47	6	1	1	1	1	1	08.4	-14	NNW	3	42	41	4	1	1	1	1	1	cm	cm	41	40	3											
	Harwarden	15	11.3	-18	SSE	6	47	45	6	1	1	1	1	1	08.3	-16	SSE	4	46	45	6	1	1	1	1	1	cm	cm	41	40	3											
8	Manchester	230	12.6	-10	S	6	47	44	6	1	1	1	1	1	08.9	-26	S	6	47	44	6	1	1	1	1	1	cm	cm	41	40	3											
	Squires Gate	53			S	6	47	44	6	1	1	1	1	1			S	6	47	44	6	1	1	1	1	1	cm	cm	41	40	3											
	Crosby	164	08.5	-8	SSE	4	47	46	7	1	1	1	1	1	06.3	-6	S	4	46	45	6	1	1	1	1	1	cm	cm	39	38	3											
9	Ashbourne	590	14.6	-10	SSE	4	43	42	6	1	1	1	1	1	11.5	-20	SSE	4	42	42	5	1	1	1	1	1	cm	cm	42	41	3											
	Finningley	28	14.3	-12	S	4	45	43	6	1	1	1	1	1	11.5	-20	S	4	44	42	5	1	1	1	1	1	cm	cm	44	43	3											
10	Spurn Head	29	16.1	-10	S	4	45	43	6	1	1	1	1	1	11.5	-20	S	4	44	42	5	1	1	1	1	1	cm	cm	44	43	3											



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



The diagram shows a central weather symbol with lines radiating to various labels and values:

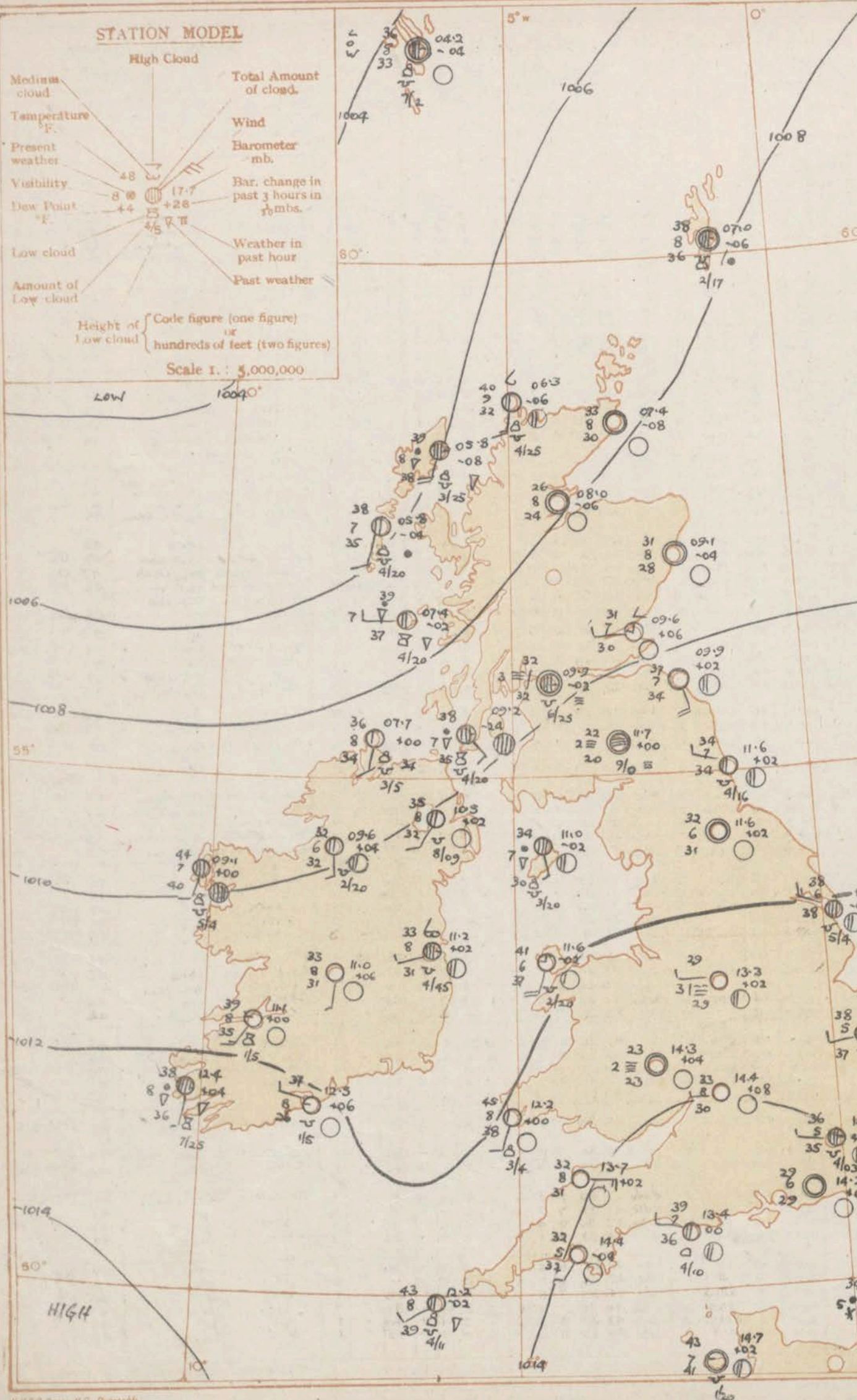
- High Cloud**: points to the top of the symbol.
- Total Amount of cloud.**: points to the right side of the symbol.
- Wind**: points to the right side of the symbol.
- Barometer mb.**: points to the right side of the symbol.
- Bar. change in past 3 hours in 10 mbs.**: points to the right side of the symbol.
- Weather in past hour**: points to the right side of the symbol.
- Past weather**: points to the right side of the symbol.
- Amount of Low cloud**: points to the bottom of the symbol.
- Low cloud**: points to the bottom of the symbol.
- Dew Point °F.**: points to the bottom of the symbol.
- Visibility**: points to the bottom of the symbol.
- Present weather**: points to the bottom of the symbol.
- Temperature °F.**: points to the bottom of the symbol.
- Medium cloud.**: points to the left side of the symbol.

Values associated with the labels:

- High Cloud: 48
- Total Amount of cloud: 17.7
- Barometer mb.: +28
- Bar. change in past 3 hours in 10 mbs.: 4.4
- Weather in past hour: 4.4
- Past weather: 4.4
- Amount of Low cloud: 4.4
- Low cloud: 4.4
- Dew Point °F.: 4.4
- Visibility: 4.4
- Present weather: 4.4
- Temperature °F.: 4.4
- Medium cloud: 4.4

Height of Low cloud { Code figure (one figure) or hundreds of feet (two figures) }

Scale 1. : 5,000,000



Sunday 27<sup>th</sup> January

1946

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

Day 09h-18h Kensington, 09h-31h at other stations.											
Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	24h %
				" F.	" F.	" F.	mm.	mm.	Yesterday.		
Kew ... ..	cid <sub>o</sub> mo	cid <sub>o</sub> fofo	cr <sub>o</sub> fo	43	32	24	1	1	0.0	*	*
Croydon ...	cd <sub>o</sub> mo	cid <sub>o</sub> mo	cr <sub>o</sub> mod	42	31	29	1	0.5	0.0	92	97
Greenwich ...	cr <sub>o</sub> mo	cid <sub>o</sub> mo	cid <sub>o</sub> bf	43	32	26	0.2	0.2	0.0	95	99
Westminster	"	"	"	44	34	27		0.3		95	96
Regents Park	"	"	"								98
Camden Squat.	o	o	"	43	33	27	0.9	0.2			96
Kensington ...	ocbe	odr	"	43	34	27	0.4	0.6		97	98
Hamstead ...	or	odxf	of	41	31	23	0.9	0.4			

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
 Rew 24 hours ended 5h. Max. 0.1 Time 11-12h Min. 0.0 Time 2-6h.

Pressure :  
a trough  
Weather  
rain or  
extensively  
slowly from  
more across  
generally

Clark's Pr  
Staple

WIND AT

...fathers fly  
...father one  
...Saturn is give  
...father


① Sky 7/10 to 9/10

FROM

... or bound  
... origin are in  
... are well pronounced

NOTE: = C

When the fee





1946

## GENERAL INFERENCE

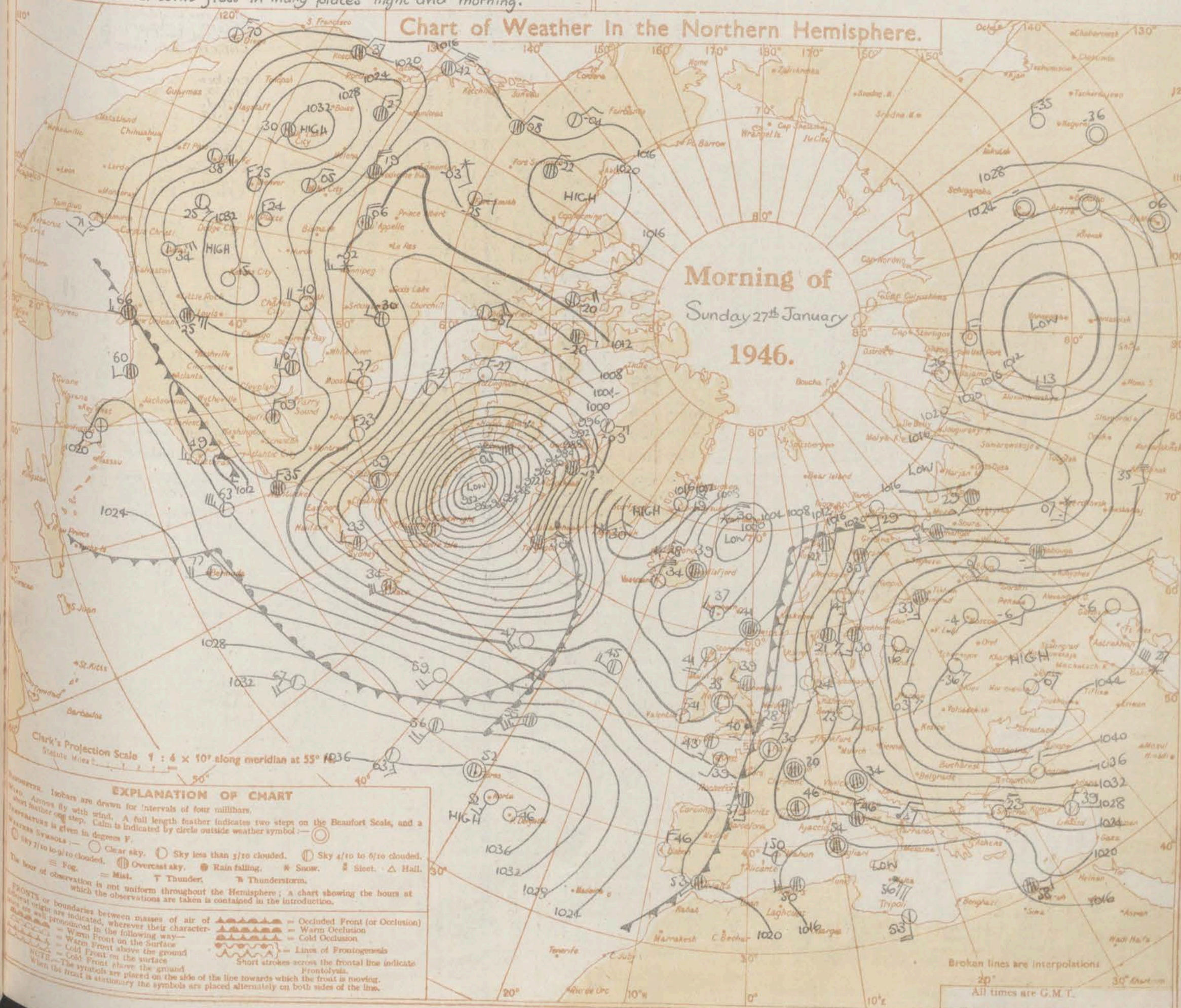
Pressure is low to the north and high to the south of the British Isles, and a trough of low pressure in mid-Atlantic is moving rather quickly eastwards. Weather will be fine in many districts today, but scattered showers of rain or hail will occur in the west and north. Tonight fog will form rather extensively over the Midlands, northeast, East and Southeast England, clearing slowly tomorrow morning. During tonight and tomorrow morning a belt of rain will move across Ireland and into western districts of Great Britain. It will be generally rather cold with frost in many places night and morning.

## FURTHER OUTLOOK

Rain continuing to spread east across Britain, followed by showery conditions.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 27<sup>th</sup> January  
1946.



Clark's Projection Scale 1 : 4 x 10<sup>4</sup> along meridian at 55° 10' 36"

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
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.  
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hour 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  
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.  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.  
Broken lines are interpolations  
All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Sunday 27<sup>th</sup> January 1940

No. 30747

OBSERVATIONS at 00hr. G.M.T. 27<sup>th</sup> JanuaryOBSERVATIONS at 06hr. G.M.T. 27<sup>th</sup> January

9 h. OBSERVATIONS during 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.					Dir.	Force.				Form.	Amount.		Height of Base Hundreds of feet.					Dir.	Force.	Weather.		Min. °F. (41)	Max. °F. (42)								
											Low.	Med.	High.	Total.	A.									B.	Low.	Med.	High.	Total.		A.								B.	Low.	Med.	High.	Total.	A.	B.
1	Kew ...	16					40									14.0	+4	WS	1	m	36	35	4							cr. m. m.	cr. id. b. x	32	24	1.5										
	Croydon ...	217	12.7	+2	SSW	2	40	39	0							13.9	+2	WS	1	m	36	35	5							cr. m. m.	cr. id. b. x	31	29	0.1										
	Boscombe Down ...	417	13.6	+2	SSW	2	36	36	0							14.3	+2	WS	1	m	27	27	6							cr. m. m.	cr. id. b. x	25	25											
	Tangmere ...	53	12.7	+2	NW	2	39	39	0							14.2	+6	WS	1	m	29	29	6							cr. m. m.	cr. id. b. x	27	25											
	Friston ...																																											
	Lymington ...	341	11.3	-2	SE	3	39	36	0							14.2	+6	WS	2	m	38	38	6							cr. m. m.	cr. id. b. x	36	32											
	Manston ...	140	13.8	-2	SE	3	38	36	0							13.7	+0	WS	2	m	39	39	5							cr. m. m.	cr. id. b. x	35	32											
2	Wetherfield ...	317	13.2	-2	SSW	2	38	37	0							13.8	+2	WS	2	m	38	37	5							cr. m. m.	cr. id. b. x	35	34											
	Woodbridge ...	97	15.6	-2	SSW	2	38	36	0							13.8	+6	WS	2	m	39	37	5							cr. m. m.	cr. id. b. x	38	35											
	Corlston ...	3	14.6	-2	SSW	2	39	39	0																					cr. m. m.	cr. id. b. x	38	35											
	Mildenhall ...	15	11.6	-2	SW	2	39	38	0							12.8	+8	WS	2	m	38	37	5							cr. m. m.	cr. id. b. x	33	29	0.3										
	Langham ...	235	12.3	+2	SSW	2	38	36	0							12.5	+6	WS	2	m	39	37	5							cr. m. m.	cr. id. b. x	36	31											
	Waddington ...	235	11.3	+6	SSW	2	39	36	0							12.1	+4	WS	2	m	31	32	4							cr. m. m.	cr. id. b. x	29	27											
	Cranfield ...	340	12.1	+10	SSW	2	38	36	0							13.6	+6	WS	2	m	31	30	4							cr. m. m.	cr. id. b. x	28	19	0.1										
	Honiley ...	427	12.2	+6	SSW	2	36	36	0							13.7	+6	WS	2	m	30	30	3							cr. m. m.	cr. id. b. x	27	26											
4	Little Rissington ...	731	13.0	+4	NNW	1	35	35	4							14.4	+8	WS	1	m	35	30	8							cr. m. m.	cr. id. b. x	32	22											
	Madley ...	270	13.2	+4	NNW	1	35	35	4							14.3	+4	WS	1	m	35	30	2							cr. m. m.	cr. id. b. x	22	18											
5	Bristol ...	209	13.2	+4	NNW	1	35	35	4							14.3	+6	WS	1	m	35	30	2							cr. m. m.	cr. id. b. x	24	19											
	Chivenor ...	30	13.4	+2	SE	0	34	33	2							13.7	+2	WS	1	m	32	27	1							cr. m. m.	cr. id. b. x	31	25											
	Yeovilton ...	30	13.2	+6	SE	0	34	33	2							14.3	+6	WS	1	m	28	28	3							cr. m. m.	cr. id. b. x	24	19											
	Portland Hill ...	32	13.0	+4	NNW	0	34	35	2							13.4	+0	NNW	2	m	39	36	7							cr. m. m.	cr. id. b. x	38	32											
	Exeter ...	100	13.0	+4	NNW	0	34	35	2							14.4	+2	NNW	2	m	36	32	1							cr. m. m.	cr. id. b. x	24	24											
	Plymouth ...	86	13.0	+4	NNW	0	34	35	2							14.4	+2	NNW	2	m	36	32	1							cr. m. m.	cr. id. b. x	24	24											
	St. Eval ...	345	13.0	+4	NNW	0	34	35	2							13.2	-2	NNW	4	m	42	38	7							cr. m. m.	cr. id. b. x	22	40											
	Predannack ...	403	13.0	+4	NNW	0	34	35	2							14.7	+2	NNW	4	m	42	38	7							cr. m. m.	cr. id. b. x	22	40											
	Guernsey ...	340	13.0	+4	NNW	0	34	35	2							14.7	+2	NNW	4	m	42	38	7							cr. m. m.	cr. id. b. x	22	40											
	Scilly, St. Marys ...	163	13.0	+4	NNW	0	34	35	2							12.2	-2	NNW	2	m	43	39	8							cr. m. m.	cr. id. b. x	11	11											
	Fairwood ...	268	13.0	+4	NNW	0	34	35	2							12.7	-2	NNW	2	m	43	39	8							cr. m. m.	cr. id. b. x	100	16											
	Pembroke ...	142	12.1	+4	NNW	0	34	35	2							12.2	-2	NNW	2	m	43	39	8							cr. m. m.	cr. id. b. x	100	16											
	Aberporth ...	445	12.8	+6	NNW	0	34	35	2							12.9	-2	NNW	2	m	43	39	8							cr. m. m.	cr. id. b. x	40	25											
	Penthor ...	63	12.8	+6	NNW	0	34	35	2							12.9	-2	NNW	2	m	43	39	8							cr. m. m.	cr. id. b. x	40	25											
	Holyhead, Valley ...	32	11.8	+6	NNW	0	34	35	2							11.6	-2	NNW	2	m	41	37	6							cr. m. m.	cr. id. b. x	20	20											
	Harwarden ...	15	11.8	+6	NNW	0	34	35	2							12.5	+2	NNW	2	m	28	28	4							cr. m. m.	cr. id. b. x	0	0											
	Manchester ...	230	12.0	+6	NNW	0	34	35	2							12.7	+2	NNW	2	m	31	30	4							cr. m. m.	cr. id. b. x	0	0											
	Squires Gate ...	53	11.0	+4	NNW	0	34	35	2							11.3	+2	NNW	0	m	28	28	3							cr. m. m.	cr. id. b. x	4	4											
	Crosby ...	164	11.0	+4	NNW	0	34	35	2							11.3	+2	NNW	0	m	28	28	3							cr. m. m.	cr. id. b. x	4	4											
9	Ashbourne ...	590	11.8	+6	NNW	2	37	36	5							13.3	+2	NNW	1	m	29	29	3							cr. m. m.	cr. id. b. x	0	0											
	Finnisley ...	38	10.7	+6	NNW	2	37	36	5							12.1	+6	NNW	1	m	31	31	4							cr. m. m.	cr. id. b. x	0	0											
10	Spurn Head ...	29	10.3	+2	NNW	2	37	36	5							10.7	-2	NNW	1	m	31	31	4							cr. m. m.	cr. id. b. x	0	0											
	Leeming ...	103	11.0	+6	NNW	2	37	36	5							11.6	+2	NNW	1	m	31	31	4							cr. m. m.	cr. id. b. x	0	0											
	Tynemouth ...	106	11.1	+2	NNW	2	37	36	5						</																													



## OBSERVATIONS during DAY

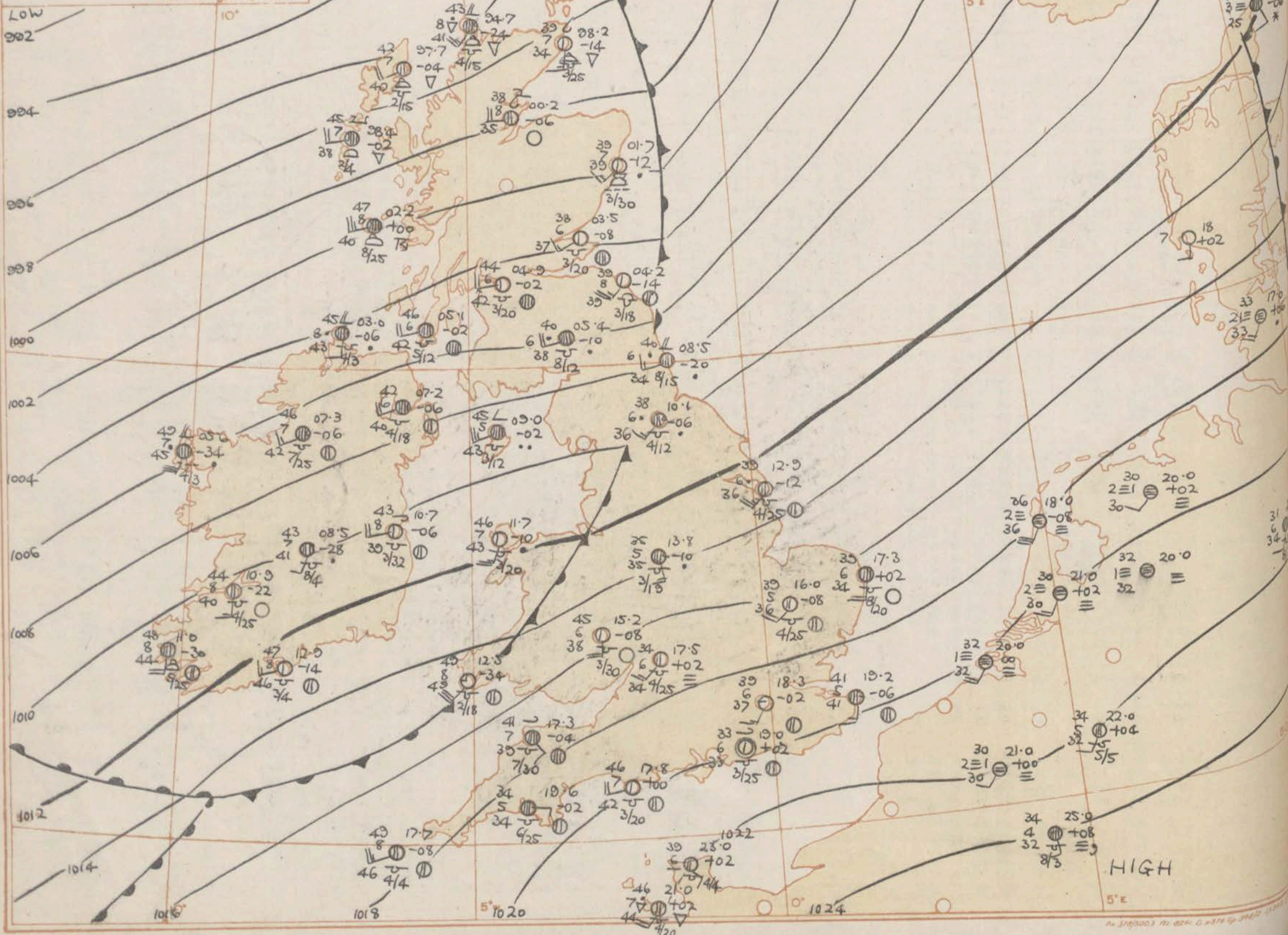
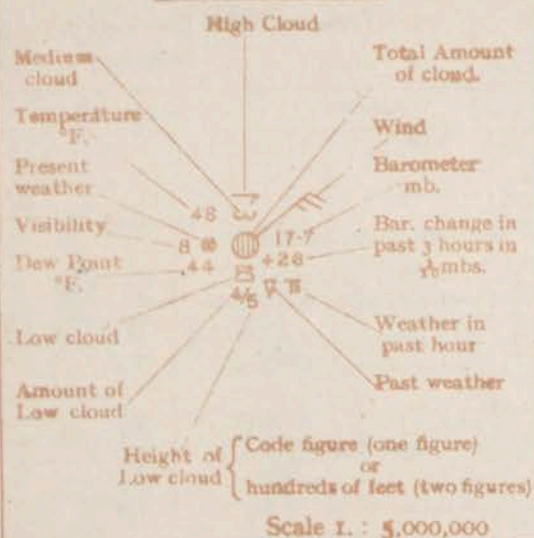
NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

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

0 = Nil	2 = $\frac{1}{2}$	4 = $\frac{3}{4}$	6 = $\frac{5}{8}$	8 = Completely covered.
1 = Trace	3 = $\frac{1}{4}$	5 = $\frac{1}{2}$	7 = More than 9 but with openings.	9 = Sky obscured by fog, etc.



# STATION MODEL



## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-18h 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.	This morn.
Kew	cir. b. of b. c. m. xir.	43	37	31	-	0.2	3.8	92	92	92	92
Croydon	cir. b. of b. c. m. xir.	45	36	34	-	-	6.2	92	92	92	92
Greenwich	Feb. of b. c. m. xir.	43	34	24	-	Tr	3.5	70	80	80	80
Westminster	.	.	.	44	35	28	0.1	88	93	93	93
Regent's Park	.	.	.	42	34	25	-	Tr	74	81	81
Camden Square	o	c	.	41	36	25	-	Tr	91	91	91
Kensington	b. of b. c. m. xir.	43	33	27	-	0.2	96	93	93	93	93
Hampstead	o of b. c. m. xir.	bc	bc	41	37	28	-	1	93	93	93

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max. 0.7 Time 14h Min. 0.0 Time 0-6h



## GENERAL INFERENCE

Troughs of low pressure are moving east fairly rapidly across the British Isles giving heavy rain at times in the north and west but mainly slight rain in south and southeast. There will be frequent showers in west and north tonight and tomorrow morning with hail and thunder locally; strong to gale winds will occur in the west and north. It will be mild at first in the south and east but otherwise mainly rather cold.

## FURTHER OUTLOOK

Unsettled westerly type persisting, giving occasional rain or showers.

↓ Gale warning in operation in districts 13a, 13b, 17, 18.  
Issued at 0845 28<sup>th</sup>.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 28<sup>th</sup> January  
1946.

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
Arrows show the direction of the wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by a circle with a dot.  
Temperature is given in degrees F.  
Sky 7/10 to 9/10 cloudy. ☉ Sky less than 3/10 cloudy. ☁ Sky 4/10 to 6/10 cloudy. ☄ Overcast sky. ☔ Rain falling. ❄ Snow. ❄ Sleet. ⚡ 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  
— Cold Front on the surface  
— Cold Front above the ground  
— Warm 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.  
— Occluded Front (or Occlusion)  
— Warm Occlusion  
— Cold Occlusion  
— Lines of Frontogenesis  
Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations

All times are G.M.T.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Monday 28<sup>th</sup> January 1940

No. 30748

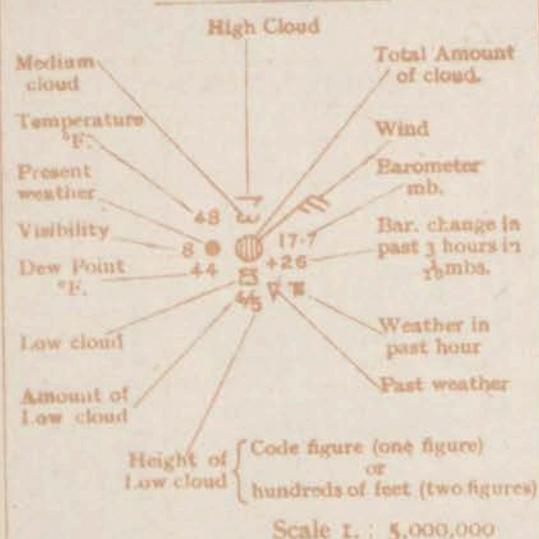
OBSERVATIONS at 00hr. G.M.T. 28 <sup>th</sup> January																	OBSERVATIONS at 06hr. G.M.T. 28 <sup>th</sup> January																	OBSERVATIONS during NIGHT				
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					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.		1st-00h.	00h-06h.	Min.	Max.							
																																	Low.	Med.	High.	Low.	Med.	High.
1	Kew	16.																																				
	Croydon	217	18.9	+2	S	3	39	38	5						18.0	-2	SWS	2	38	37	6																	
	Boscombe Down	417	18.6	+6	SSW	2	37	37	4						18.3	0	SSW	2	35	35	4																	
	Tangmere	53	19.0	+2	SW	3	42	40	6						19.0	+2		0	33	33	6																	
	Frinton																																					
2	Lymington	341	21.0	+10	SSE	3	31	31	6						20.1	-4	SSW	4	41	41	8																	
	Manston	140	19.9	+10	SSW	3	36	34	6						19.2	-6	S	3	41	41	8																	
	Weston-super-Mare	347	19.9	+10	SSW	3	36	34	6						18.0	-6	S	2	37	35	8																	
	Woodbridge	91	19.2	0	S	0	35	31	4						17.8	-10	SW	2	38	37	5																	
	Corston	5	17.1	0	SW'S	3	35	32	6						17.3	+2	SSW	4	39	34	6																	
3	Mildenhall	15	17.2	-2	SSW	3	39	34	4						16.0	-8	SWS	4	39	36	8																	
	Langham	235	17.0	-2	SSW	4	36	30	6						15.4	-10	SW	3	38	36	8																	
	Waddington	235	17.2	-2	SSW	4	36	30	6						14.4	-10	SW	3	38	36	8																	
	Cranfield	340	17.3	-10	SW	3	38	37	6						16.7	-12	SW	3	36	34	6																	
	Honiley	427	16.2	0	SW	4	37	36	4						15.5	-4	S	4	37	37	4																	
4	Little Rissington	751	17.9	+6	SW	2	36	36	1						17.5	+2	SW	2	34	34	6																	
	Madley	270	17.2	+2	S	3	38	35	6						15.2	-8	S	4	40	38	6																	
	Bristol	209	18.2	+8	S	4	40	36	6						16.9	-4	S	4	41	39	7																	
	Chivenor	20	18.2	+8	S	2	39	37	4						17.3	-4	SE	2	41	39	7																	
	Yeovilton	50	18.0	+8	SSE	1	39	37	3						17.9	-2	SW	3	40	37	7																	
5	Portland Bill	32	17.8	+18	WSW	3	44	37	7						17.8	-2	SW	4	46	43	7																	
	Exeter	100	18.7	+10	SW	2	36	34	4						18.3	-2	SW	2	38	38	6																	
	Plymouth	86	19.7	+10	SW	2	36	34	4						18.6	-2	SW	2	38	38	6																	
	St. Eval	345	18.6	+4	W	1	40	38	7						19.4	+2	SSW	4	44	42	7																	
	Frederick	203	19.7	+8	WSW	3	43	37	7						21.0	+2	SW	4	46	44	7																	
6	Scilly, St. Marys	103	19.3	+10	WN	4	46	41	8						17.7	-8	WSW	5	48	46	8																	
	Fairwood	208	17.1	+4	WSW	1	38	36	6						15.4	-10	SW	4	48	48	8																	
	Pembroke	141	16.4	0	SW	4	47	43	8						12.5	-14	SW	4	48	48	8																	
	Aberporth	435	16.0	+6	SW	3	39	37	6						12.6	-12	SW	2	46	46	8																	
	Penrhos	63																																				
7	Holyhead, Valley	32	13.8	+2	WSW	5	44	39	8						11.7	-10	SSW	5	46	43	7																	
	Hawarden	15	14.0	-10	S	2	34	33	6						12.3	-10	SSW	3	39	38	6																	
	Manchester	230	14.3	-6	S	4	35	33	6						12.1	-12	S	4	39	38	6																	
	Squires Gate	33																																				
	Crosby	101	10.4	-8	S	4	38	34	8						07.8	-8	SW	4	44	42	6																	
8	Ashbourne	590	15.5	+2	SSW	1	35	35	4						13.8	-10	SSW	3	35	35	5																	
	Finnigley	28	14.0	-6	S	3	37	35	4						12.1	-10	NNW	4	39	36	6																	
	Spern Head	29	14.3	-4	SSW	3	38	37	7						10.9	-12	SW	3	38	36	6																	
	Leeming	105	12.8	-6	SW	3	35	34	6						10.1	-6	SW	3	38	36	6																	
	Tynemouth	108	11.9	-8	SW	2	37	33	6						08.5	-20	SW	3	40	34	6																	
9	Acklington	138	10.0	-16	SSW	3	34	31	6						08.2	-6	SE	2	37	34	6																	
	St. Ab's Head	180	07.5	-10	SSW	5	35	35	7						04.2	-14	SSW	5	39	39	8																	
	Leuchars	31	06.5	-16	SW	3	37	35	7						03.5	-12	SW	3	38	37	6																	
	Arbroath	158	06.2	-20	SSW	2	35	35	6						03.1	-12	SSW	4	37	37	6																	
	Abbotsinch	19	07.2	-14	SW	4	42	42	6						04.9	-2	WSW	4	44	42	6																	
10	Prestwick	30	07.9	-12	S	3	41	38	7						05.7	-6	SW	4	45	42	6																	
	West Freugh	52	09.5	-10	SSW	4	43	40	6						07.8	+2	WSW	4	45	42	6																	
	Eskelethmair	704													08.1	-10	WSW	4	45	42	6									</								



NELSON K. JOHNSON, K.C.B., O.Sc., Director,  
Meteorological Office, Air Ministry, King-way, London W.C.2.



# STATION MODEL



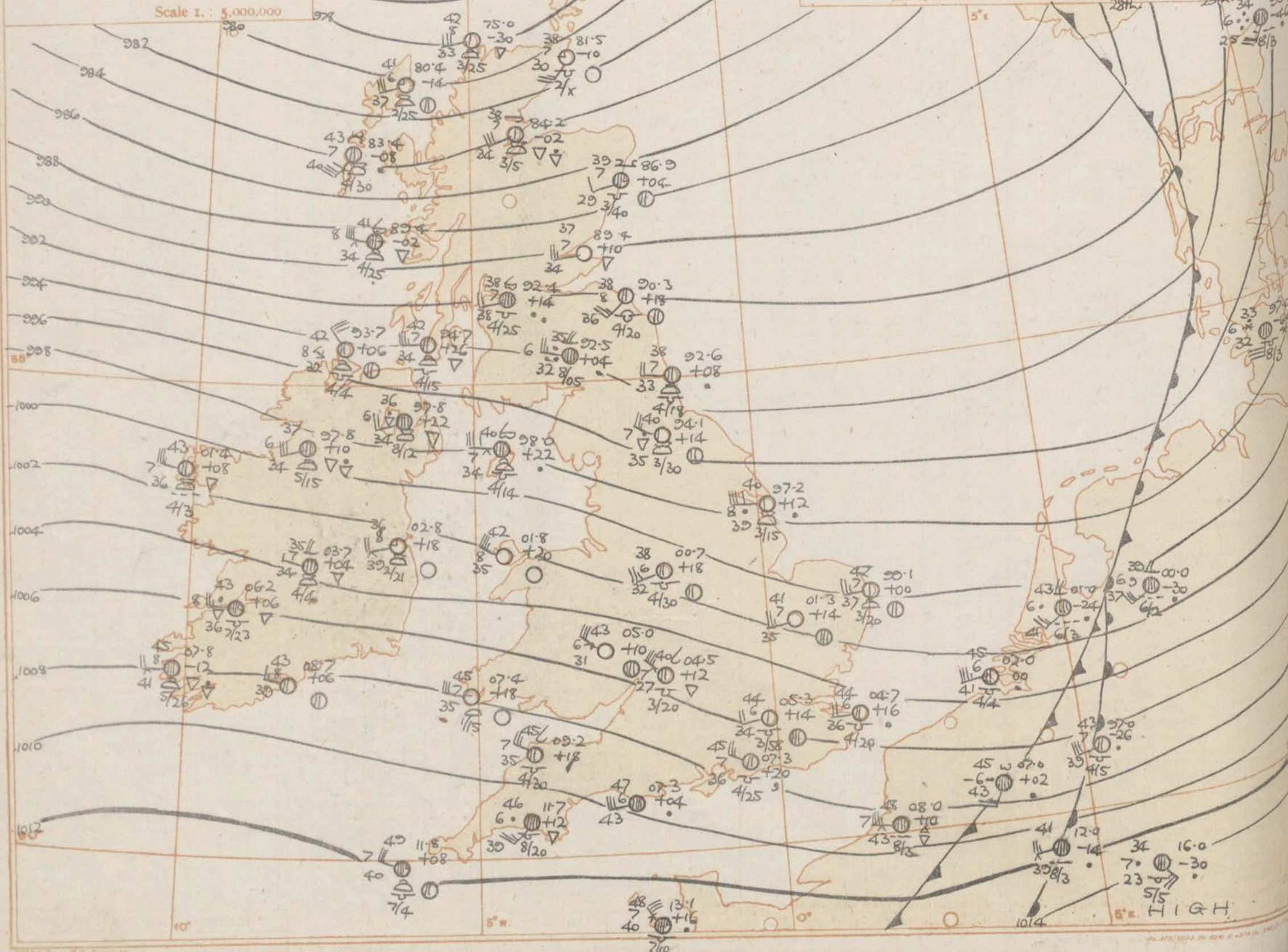
6h Tuesday 29th January.

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 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 min.	Night min.		Yesterday	To-day
Kew ...	b, cm, c	ci, r, om, c	cr, bc, c	48	42	38	3	3	1.5	80	64
Croydon ...	cm, c, z	ci, r, om, c	cr, bc, c	48	41	38	2	4	2.0	80	65
Greenwich ...	bc, c	bccir, c	r, qir, bc, c	50	41	35	Tr	6.9	2.6	81	65
Westminster	.	.	.	50	40	36	6	.	.	87	81
Regent's Park	.	.	.	51	41	38	2	7	.	89	74
Camden Square	bc	c	.	53	40	37	0.3	7	.	89	70
Kensington ...	bc	bccr	.	51	42	38	Tr	9	.	89	71
Hampstead ...	bccr	or	orbc	48	36	31	3	3	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.3 Time 2.10h. 50.1 Time 0.6h.



A depression of Ireland spread of the over high all Western tonight

Clark's

Barometer, 100

Wind, Arrows

Short weather

Temperature

Weather symbol

Sky 7/10 to 9

The hour of obs

FRONTS or be

different origin

are well pro

NOTE

When the



## GENERAL INFERENCE

A depression centred north of Scotland is moving slowly east and a secondary west of Ireland will move very rapidly eastwards across the country. Rain in Ireland will spread eastwards across most of England by dusk. Some snowfall will occur to the north of the secondary, probably in the Northern Pennines and Southern Uplands and mainly over high ground. It will be showery in North Scotland and shivery conditions will spread to all western districts during the evening. It will become mainly fair inland to the east later tonight and during tomorrow morning. Mainly rather cold with strong to gale force winds at times in many districts.

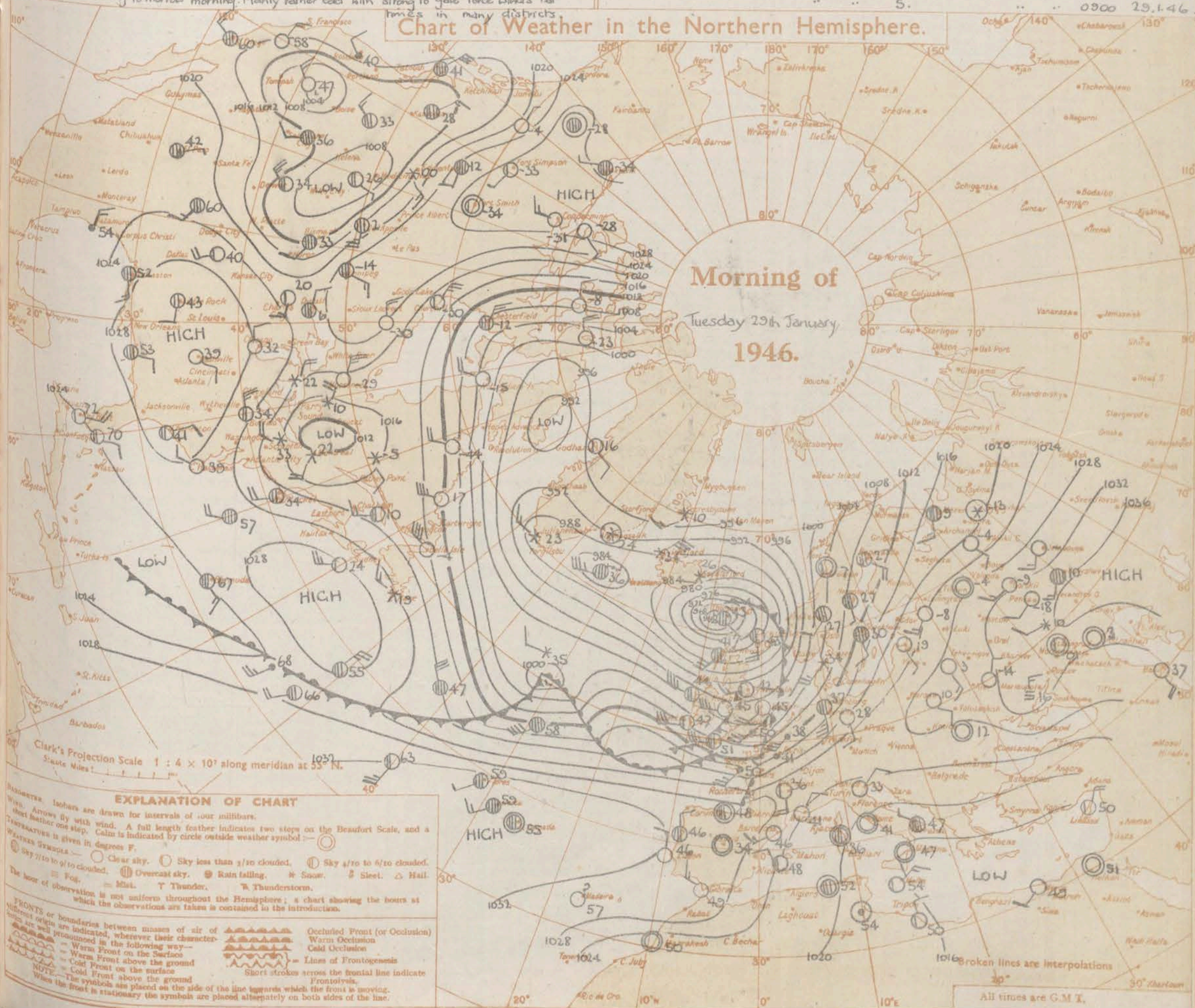
## FURTHER OUTLOOK

Showery in West and North; mainly fair in inland districts to the East and Southeast.

↓ Gale warning in operation in districts 13A, 13B, 17, 18. Issued at 0845. 28.1.46  
 " " 15, 16. " " 1345 28.1.46  
 " " 1. " " 1300 28.1.46  
 " " 6, 7, 8, 12, 20. " " 2100 28.1.46  
 " " 5. " " 0900 29.1.46

## Chart of Weather in the Northern Hemisphere.

Morning of  
 Tuesday 29th January  
 1946.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday 29th January 1946

No. 30749

OBSERVATIONS at 00hr. G.M.T. 29th January												OBSERVATIONS at 06hr. G.M.T. 29th January												OBSERVATIONS during NIGHT												
District.	STATIONS.	Height above M.S.L. in feet	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.					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.	Dir.	Force.	Form.	Amount.		Height of Base Hundreds of feet.	24th-00h.	00h-06h.	Min. °F.		Min. on Grass °F.	
																																			A.	B.
1	Kew	16	03.0	-34	SW	5	ro	49	49	6						04.5	+22	WSW	4	20	44	34	6						crsck	crsck	42	38	4			
	Croydon	217	04.4	-26	WSW	6	ro	47	42	6						05.3	+14	WSW	4	20	44	34	6						crsck	crsck	41	38	2			
	Boscombe Down	427	05.5	-16	SW	6	rr	48	45	6						08.7	+24	WSW	5	chc	43	36	7							crsck	crsck	39	38	2		
	Holmsley South	213	05.7	-32	SWW	3	mo	50	49	6						07.3	+20	W/N	5	bc	45	36	7							crsck	crsck	40	39	3		
	Tangmere	53	05.7	-32	SWW	3	mo	50	49	6						07.3	+20	W/N	5	bc	45	36	7							crsck	crsck	41	39	3		
2	Lymington	341	05.7	-38	SW	7	ds	46	46	2						05.2	+14	SWW	5	20	44	37	6							crsck	crsck	40	38	0.3		
	Manston	140	04.8	-42	SSW	6	ro	47	45	6						04.7	+16	W/S	4	20	44	36	5							crsck	crsck	41	38	2		
	Wethersfield	317	01.6	-38	SWW	4	ro	43	42	6						01.9	+12	W	4	mo	44	42	6							crsck	crsck	39	36	2		
	Woodbridge	91	01.0	-6	SSW	6	20	42	31	6						09.1	+10	W/S	5	b-bc	42	37	7							crsck	crsck	40	36	4		
	Gorleston	5	01.0	-6	SSW	6	20	42	31	6						09.1	+10	W/S	5	b-bc	42	37	7							crsck	crsck	41	36	4		
3	Mildenhall	15	01.1	-24	W/N	5	ro	47	47	6						01.3	+14	WSW	5	b	41	35	7							crsck	crsck	39	35	3		
	Langham	235	03.3	-20	WSW	5	ro	46	44	6						03.6	+16	W	6	20	41	34	6							crsck	crsck	38	36	4		
	Waddington	235	07.6	-12	SWW	4	mo	48	47	6						08.3	+36	W	5	20	40	32	5							crsck	crsck	38	35	6		
	Cranfield	340	01.4	-22	W/N	4	cl	50	47	6						02.5	+10	WNW	5	mo	42	40	6							crsck	crsck	39	35	6		
	Honiley	427	00.2	-4	SW	5	b/c	44	41	6						02.8	+18	W	6	b	41	34	8							crsck	crsck	39	35	6		
4	Little Rissington	731	01.6	-14	WSW	3	b	46	46	5						04.5	+12	WNW	7	bc	40	27	7							crsck	crsck	38	33	1		
	Madley	270	01.8	-14	W	7	PR	46	45	10						05.0	+10	HW	6	20	43	31	6							crsck	crsck	40	36	1		
	Bristol	204	03.4	-14	WSW	6	b	43	43	6						07.2	+18	W	3	20	42	34	6							crsck	crsck	40	36	1		
	Chivenor	20	03.4	-14	WSW	6	b	43	43	6						09.2	+18	WNW	4	bc	43	33	7							crsck	crsck	44	39	1		
	Yeovilton	50	05.0	-12	W	3	b/r	49	49	6						08.0	+20	W	4	mo	44	41	6							crsck	crsck	41	38	1		
5	Portland Bill	32	06.5	+13	SW	7	mo	50	48	6						07.3	+4	WSW	6	mo	47	42	6							crsck	crsck	46	36	0.2		
	Exeter	100	06.6	-12	W/N	6	b/r	50	48	6						09.2	+14	WNW	5	mo	45	40	5							crsck	crsck	42	36	1		
	Plymouth	86	06.4	-4	WSW	6	c-bc	51	46	6						11.7	+12	SW	5	12	46	39	6							crsck	crsck	46	43	1		
	St. Eval	345	07.9	-6	WSW	6	c	50	47	6						11.3	+10	W	6	c	47	35	7							crsck	crsck	45	42	2		
	Predannack	293	07.4	-2	WSW	6	c	50	47	6						12.0	+6	W	6	c	47	36	7							crsck	crsck	42	42	2		
6	Gunnsey	349	11.0	-20	SSW	7	cl	51	50	6						13.1	+16	HW	7	c	48	40	7							crsck	crsck	42	42	2		
	Scilly, St. Marys	103	10.0	+10	W	7	c-bc	51	47	6						11.8	+8	WNW	6	c	49	40	7							crsck	crsck	48	33	2		
	Fairwood	208	03.3	+12	WSW	7	bc	45	42	6						07.9	+18	W	5	b	42	32	7							crsck	crsck	40	33	4		
	Pembroke	142	03.3	+12	W	7	bc	45	42	6						07.4	+18	WNW	6	bq	45	35	7							crsck	crsck	41	38	1		
	Aberporth	425	02.6	+4	W/N	6	q	43	38	6						06.3	+18	WNW	6	b-bc	42	32	8							crsck	crsck	41	38	1		
7	Penrhos	63	03.3	+4	W/N	6	q	43	38	6						03.3	+22	WNW	6	b-bc	42	31	8							crsck	crsck	41	38	1		
	Holyhead (Valley)	32	07.6	-6	W	4	mo	45	38	6						01.8	+20	WNW	7	b	42	35	8							crsck	crsck	41	35	0.6		
	Hawarden	15	07.6	-12	W/S	7	b	47	38	6						01.5	+22	W	6	b	43	32	8							crsck	crsck	40	36	0.6		
	Manchester	230	07.0	-14	SSW	4	mo	43	40	6						00.1	+22	W/S	6	pr.	41	34	6							crsck	crsck	40	32	6		
	Squires Gate	33	03.5	-14	SSW	4	lr	40	37	7						04.1	+14	WSW	5	in	39	37	7							crsck	crsck	33	31	1		
8	Crosby	164	03.5	-14	SSW	4	lr	40	37	7						04.1	+14	WSW	5	in	39	37	7							crsck	crsck	33	31	1		
	Ashboorne	590	08.5	-8	SW	2	mo	43	42	6						00.7	+18	SW	5	mo	38	32	6							crsck	crsck	35	32	1		
	Finningley	28	06.3	-18	SSW	3	mo	44	40	6						07.1	+12	W	6	b/pr	41	33	6							crsck	crsck	40	37	4		
	Sparc Head	29	06.9	-18	SWW	4	b-bc	45	44	6						07.2	+12	W	8	lr	40	33	8							crsck	crsck	39	35	2		
	Leeming	105	04.8	-18	WSW	2	b-bc	42	36	6						04.1	+14	WNW	3	pr.	40	35	7							crsck	crsck	38	35	0.2		
9	Tyosmouth	108	03.4	-12	W	3	b-bc	42	32	7						02.6	+8	W	4	bq	38	33	7							crsck	crsck					



BRITISH  
SECTION

Wednesday 30th January 1946  
No. 30750.

No. 30750.

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

OBSERVATIONS at 18h. G.M.T. 22<sup>nd</sup> January, 1914

OBSERVATIONS during DAY

Distance.	STATIONS. (For heights see p. 4.)	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.		
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CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

Columns 13, 14, 15; 16, 20, 30, 31, 32.

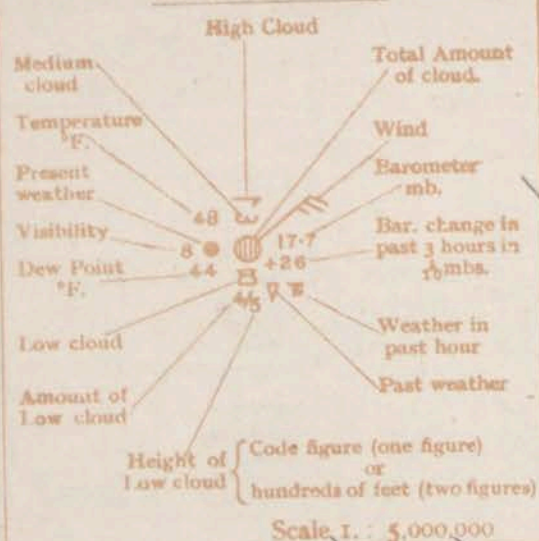
\* Information not usually received

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

ceived.  
ves depth



# STATION MODEL



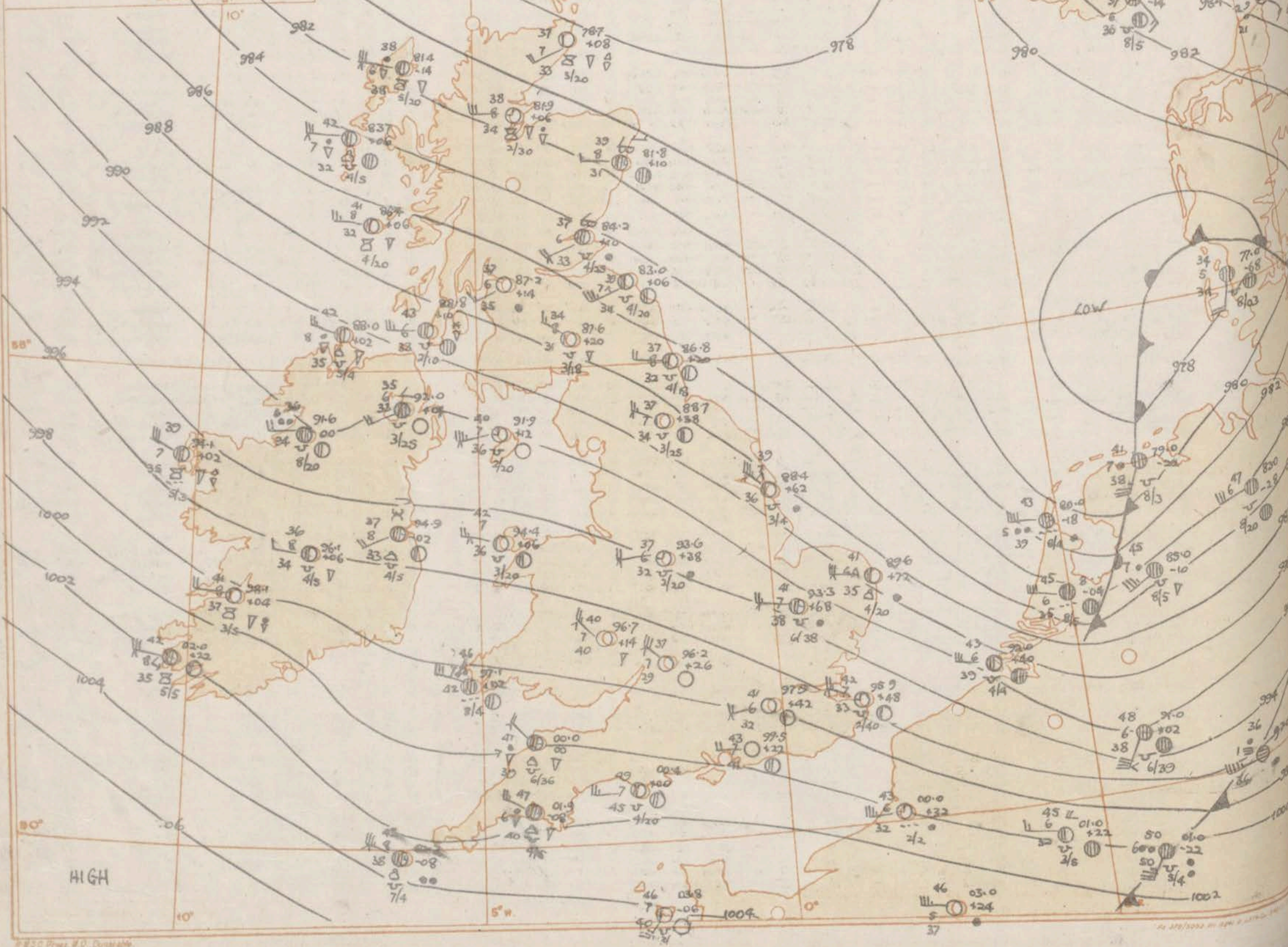
6h Wednesday 30<sup>th</sup> January.

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity %
				Day Max.	Night Min.	Min. on grass	Day	Night		
Kew	bcczoc	cnoormo	b7c6mo	51	39	34	2	0.2	0.1	75
Croydon	czo	ccommo	ccobc	52	38	35	3	Tr	0.1	74
Greenwich	oc	cior	cc/bc	52	38	33	0.5	1.5	0.1	88
Westminster	.	.	.	54	39	35	1.8			81
Regent's Park	.	.	.	53	39	36	2.0	0.2		82
Camden Square	bc	c	.	53	39	34	2.3	0.5		74
Kensington	bc	bcov	.	48	37	35	0.6	1.8		73
Hampstead	bcov	orbc	bc	51	36	29	2.3	0.2		

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



A large on intens east or There w expected showers w on high gr

Clark's Scale  
BAMETER. (100)  
WED. ARROW B  
short leather an  
TEMPERATURE is  
WEATHER SYMBOL  
sky 7/10 to 9  
The bear of obs  
FRONTS or be  
different origin at  
times are well pro  
NOTE  
When the



A large depression between Iceland and Norway is moving little and an intense secondary centred over the southern north sea will move east or north east.

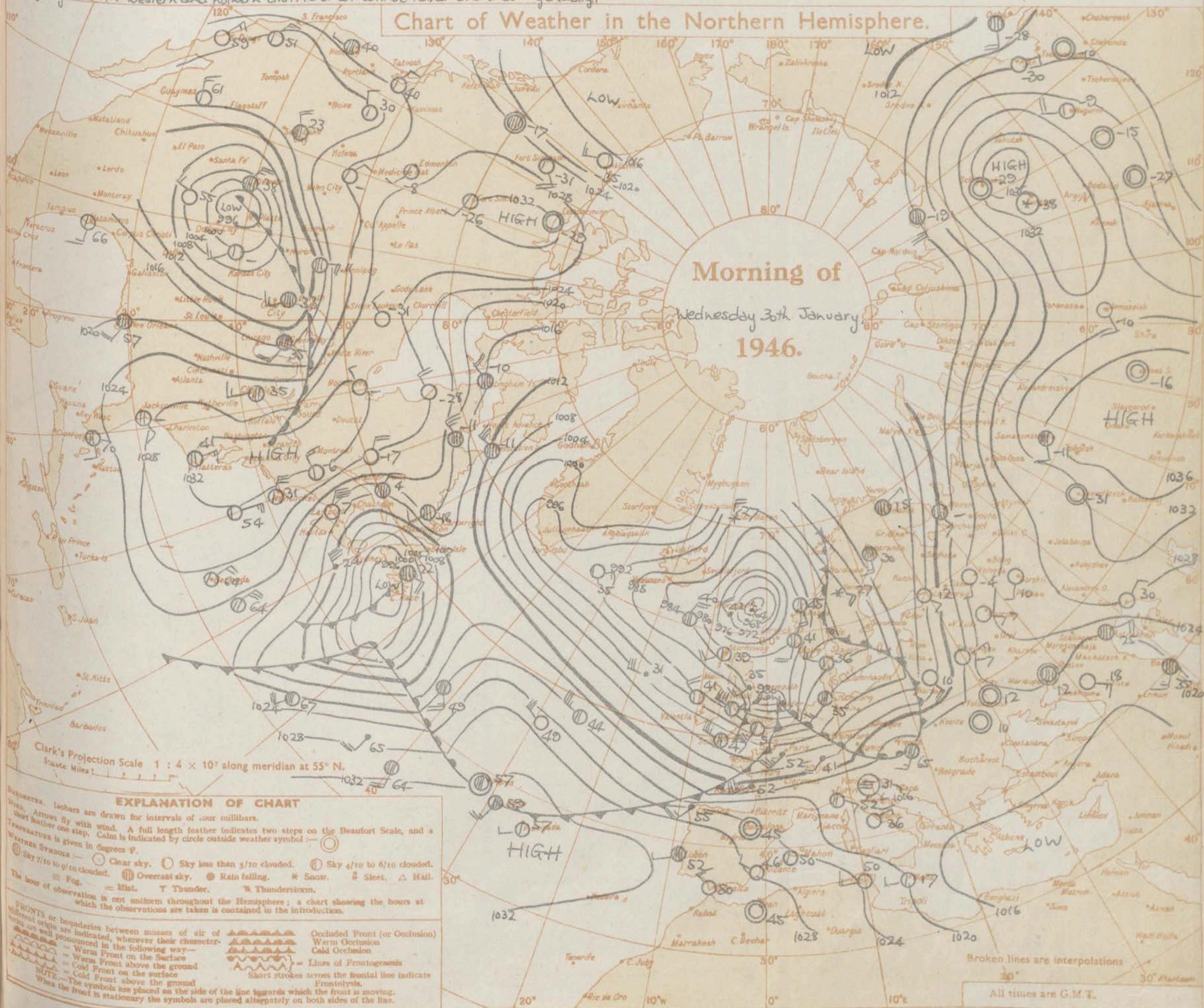
There will be showers at times in most districts today but showers are expected to be fairly infrequent in the Southeast. In the West and North showers will be heavy at times with local hail and thunder. There will be snow on high ground in western and northern districts. It will be rather cold or cold generally.

Rain spreading east across the country, during Thursday.

### Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 30th January  
1946.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday 30<sup>th</sup> January 1946

No. 30750

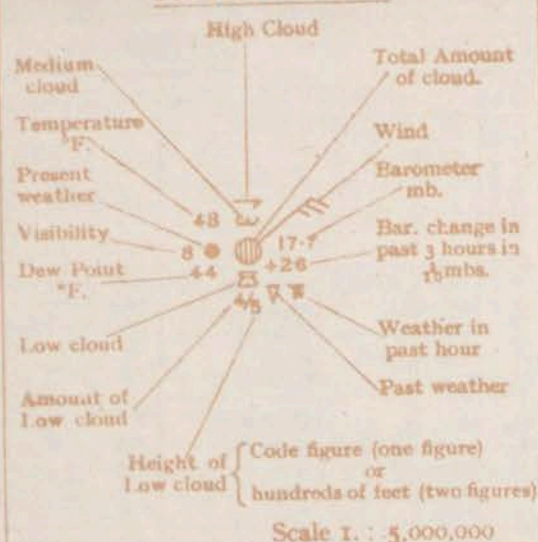
OBSERVATIONS at 00hr. G.M.T. 30 <sup>th</sup> January															OBSERVATIONS at 06hr. G.M.T. 30 <sup>th</sup> January															OBSERVATIONS during NIGHT					
Dist.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.		Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.					State of Ground.	Weather.	Temperature.		Rain.	
			mb.	in.		Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.			Form.	Amount.					Height of Base Hundreds of feet.	Dir.	Force.	Form.	Amount.			Height of Base Hundreds of feet.	Min. on Grass.		Min. on Shade.
			(1)	(2)		(3)	(4)					(5)	(6)	(7)	(8)	(9)			(10)	(11)					(12)	(13)	(14)	(15)	(16)			(17)	(18)		(19)
1	Kew	16	30.6	-4	SW	7	20	50	38	6	5				30	30.4	+2	WSW	4	b	41	32	7							1	crim.b	39	34	0.2	
	Croydon	217	30.6	-4	WSW	8	20	47	40	6	5					30.3	+2	WSW	4	mo	37	32	6							1	clom.b	38	35	0.2	
	Boscombe Down	417	30.6	-4	WSW	7	20	48	38	7	5					30.3	+16	W	4	b	39	34	7							1	clom.b	38	35	0.2	
	Holmsley South	213	30.6	-2	WSW	7	20	48	38	7	5					30.3	+16	W	4	b	39	34	7							1	clom.b	38	35	0.2	
	Tangmere	53	30.6	-10	SW	6	20	49	42	7	5				15	30.3	+22	WS	4	b	41	33	7							1	clom.b	38	35	0.2	
	Lymington	341	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Manston	240	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Wethersfield	317	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Woodbridge	91	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Corleston	5	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Mildenhall	15	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Langham	135	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Waddington	135	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Cranfield	140	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Honiley	477	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Little Rissington	731	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Madley	270	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Bristol	209	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Chivenor	30	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Yeovil	50	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Portland Bill	33	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Exeter	100	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Plymouth	86	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	St. Eval	343	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Predannack	293	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Guernsey	349	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Scilly, St. Marys	103	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Fairwood	268	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Pembroke	142	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Aberporth	435	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Penrhos	63	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Holyhead (Valley)	32	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Hawarden	15	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Manchester	230	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Squires Gate	33	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Crosby	154	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7							1	clom.b	37	33	0.2	
	Ashbourne	590	30.3	-20	SW	8	20	49	48	3	6					30.3	+56	WSW	6	bcc	43	36	7												



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# STATION MODEL



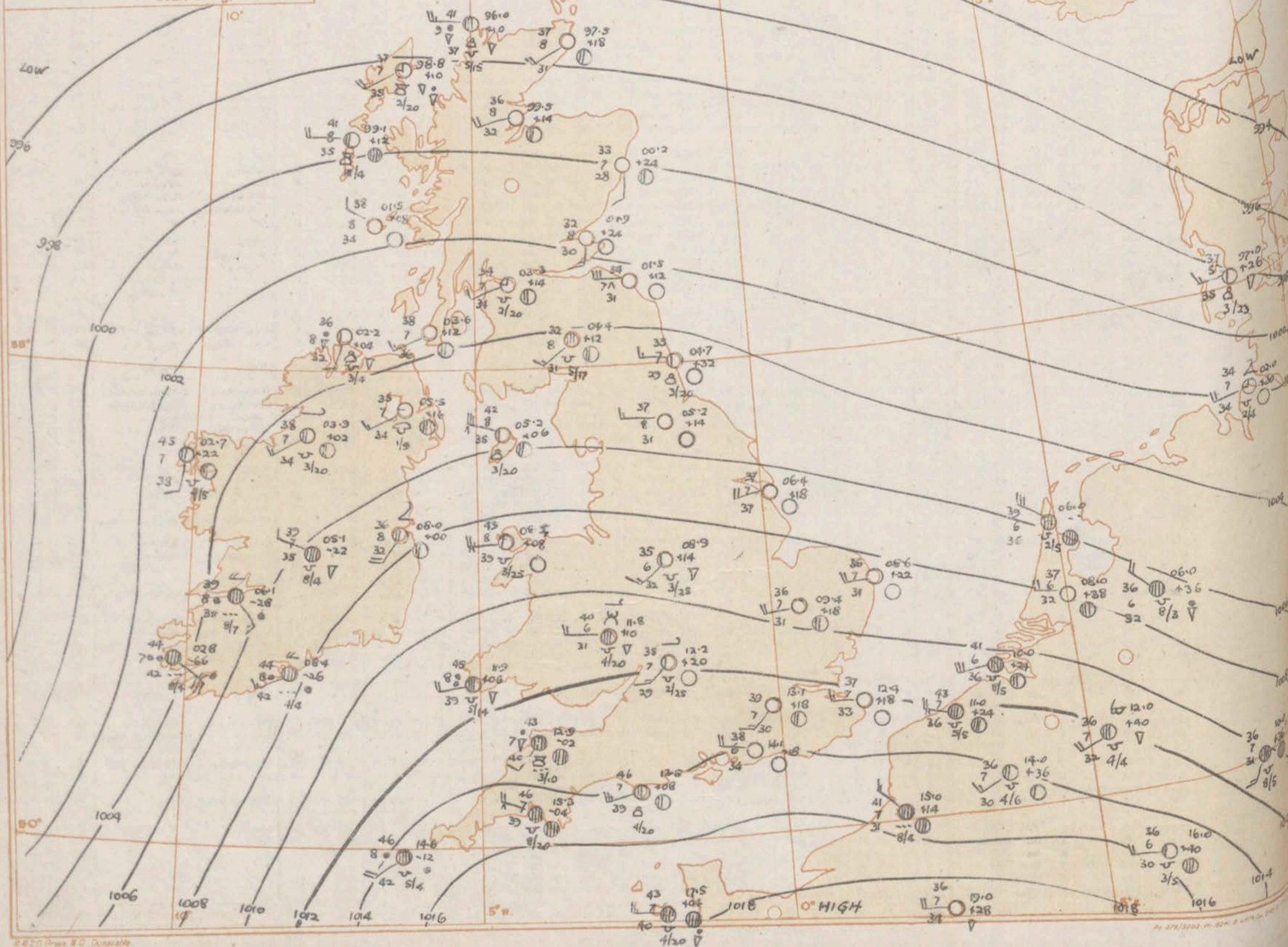
6h Thursday 31<sup>st</sup> January

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-25h Kensington, 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity %
	Morning	Afternoon	Night	Max.	Min.	on grass	Day	Night		
Kew ...	cr, r, mo	q, pr, l, bc	bm, z	44	36	31	2	-	1.6	63
Croydon ...	cr, r, mo	cz, b, z	bx, b	44	35	31	1	-	1.4	76
Greenwich ...	cr	rc, q, r, h	cz, b, z	43	35	30	1.0	-	0.4	90
Westminster ...	.	.	.	44	36	29	1	1	.	75
Regents Park ...	.	.	.	44	35	31	1.0	-	.	98
Camden Square ...	c	c	.	43	36	30	1.0	-	.	68
Kensington ...	bch	bc	.	44	36	30	1.6	0.5	.	50
Hampstead ...	bc, r	bc	bc	42	33	25	0.9	-	.	.

Atmospheric Pollution, Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.2 Time 23.24 Min. 0.1 Time 1.6h



A deep association will be north-east the pass thunder will be

Clark's P State

NOTE: When the



Humidity	15h	2h
16	63	84
4	76	76
4	90	91
	75	98
	68	79
		55

## GENERAL INFERENCE

A deep depression in Mid-Atlantic is moving slowly eastwards and an associated trough will swing northeastwards across the British Isles. Weather will be fair over much of the country at first, but a belt of rain will move northeast and will turn to sleet or snow locally for a time in the north. After the passage of rain belt there will be occasional showers with local hail and thunder in the north west and north, but in the south and southeast weather will be mainly fair. It will be generally rather cold.

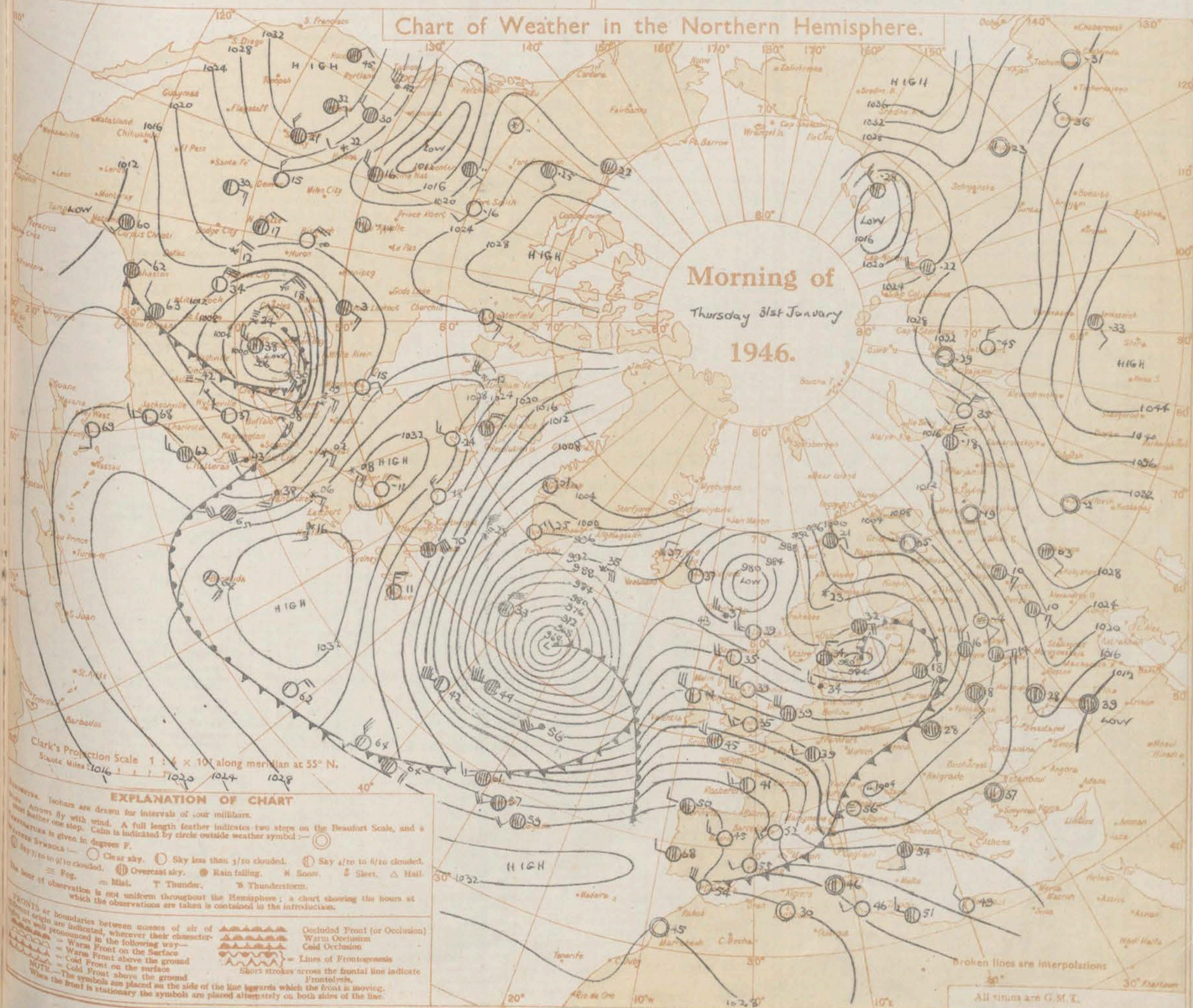
## FURTHER OUTLOOK

Further rain probably spreading north-east across the British Isles.

↓ Gale warning in operation in district 20 issued 4.30 30 Jan. In districts 5, 6, 7, 8, 12, 13<sup>A</sup>, 13<sup>B</sup>, 18 issued 0500 31 Jan. In district 1 (part of) issued 1000 31 Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 31st January  
1946.





## OBSERVATIONS during NIGHT

\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.

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