

# THE DAILY WEATHER REPORT

BRITISH SECTION

E6936

1st January to 31st March

1947



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.

Wherever 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 respectively.

**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.	10 ... 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	...	...	83-92
14	...	...	93-103
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 (Cs)—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).

## 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 m.m.

## Cloud Form Abbreviations

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

## 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 dr. 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 100-2200 yds.  
h, hail. i, intermittent.  
h(r), " hail " or " rain and hail."  
j, fog in the vicinity 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. lightning.  
o, overcast sky. 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.
- Capital letters indicate intense; suffix s indicates slight; repetition of letters indicates continuity: thus B, heavy rain. r, slight rain. rr, continuous rain.  
<, less than (for cloud height).  
g, gale.  
⊙, Solar halo. ☾, 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 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.

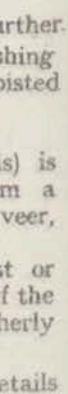
For gales commencing from East or West the North Cone will be hoisted if the gale is expected to change to a Northerly direction.

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 ⚡ (North Cone) and ⚡ (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



## FORECAST DISTRICTS and the Counties comprised within them

- |  |  |   |   |  |  |
|--|--|---|---|--|--|
| 1. England, S.E.<br>Kent,<br>Sussex,<br>Surrey,<br>Hampshire,<br>Berkshire,<br>Wiltshire.  | 4. Midlands, W.<br>Gloucester,<br>Hereford,<br>Worcester,<br>Shropshire,<br>Stafford.      | 8. England, N.W.<br>Cheshire,<br>Lancashire,<br>Westmorland,<br>Cumberland. | 11. Scotland, S.E.<br>(cont.)<br>Lindisfarne,<br>Galloway,<br>Kintyre,<br>Fife,<br>Perth.   | 13a. Scotland, N.W. 15. Orkneys and Shetlands.<br>Hebrides,<br>Western parts of<br>Inverness, Ross<br>and Cromarty,<br>Sutherland.<br>(Boundary line<br>runs from Ra-<br>nach Station<br>through Fort<br>Augustus, Beaulieu<br>and Laing to Mel-<br>nich.) | 19. Ireland, S.E.<br>Waterford,<br>Wexford,<br>Kilkenny,<br>Carlow,<br>Wicklow,<br>Offaly,<br>Leix,<br>Kildare,<br>Dublin. |
| 2. England, E.<br>Essex,<br>Middlesex,<br>Hertford,<br>Bedford,<br>Huntingdon,<br>Cambridge,<br>Suffolk,<br>Norfolk,<br>Lincoln. | 5. England, S.W.<br>Dorset,<br>Somerset,<br>Monmouth,<br>Devon,<br>Cornwall.               | 9. Midlands, N.<br>Derby,<br>Yorkshire, W.                                  | 12. Scotland, S.W.<br>and Isle of Man<br>Dumfries,<br>Kirkcubright,<br>Wigtown,<br>Ayr,<br>Lanark,<br>Renfrew,<br>Dumbarrow,<br>Stirling. | 14. Mid Scotland.<br>Perth.  | 20. Ireland, S.W.<br>Kerry,<br>Limerick,<br>Tipperary,<br>Clare.   |
| 3. Midlands, E.<br>Buckingham,<br>Oxford,<br>Northampton,<br>Warwick,<br>Leicester,<br>Bristol,<br>Nottingham.                   | 7. Wales, N.<br>Montgomery,<br>Merioneth,<br>Flint,<br>Denbigh,<br>Carmarvon,<br>Anglesey. | 10. England, N.E.<br>Yorkshire, N. & E.<br>Durham,<br>Northumberland.       | 13b. Scotland, W.<br>Argyll,<br>Buta.   | 16. Mid Scotland.<br>Perth.  |  |

## 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 maximum temperature and rainfall were made at 0600 G.M.T. instead of at 0700 G.M.T. From 1st January, 1945, minimum temperatures have been read at 0900 G.M.T., and maximum temperatures at 2100 G.M.T., and rainfall at 0900 and 2100 G.M.T.

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

**London Observations.**—The rainfall 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—4 mb. " " 1 : 5 × 10<sup>8</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 formulae:—

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

$x = f - .444 (t - f)$  for wet bulb readings above 32° F.

$x = f - .400 (t - f)$  for wet bulb readings below 32° F.

where  $x$  is the vapour pressure in mb.

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

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. 3d. post free.



Remarkable variations of temperature, severe spell late in month, heavy snowfall.

Up to 17<sup>th</sup> conditions were mainly of a mild unsettled south to southwest type, but eastern districts came under the influence of a Continental anticyclone on 4<sup>th</sup> to 7<sup>th</sup> with cold southeast winds notably on 6<sup>th</sup>. Weather was unsettled and stormy especially in the western half of the country and gales were reported every day. Wind gusts above 60 mph were fairly common and one of the highest was 80 mph at Scilly on 12<sup>th</sup>. Precipitation was heavy at times and 40 mm were recorded at Valentia during the night of the 7<sup>th</sup>. The southeastern and Midland area experienced some marked temperature variations. On 6<sup>th</sup> there was continuous frost over a large area and Little Rissington recorded a maxima of only 25°F. Snow spread northeast during the day and further snow fell next day but there was a general thaw on 8<sup>th</sup>. A mild spell had developed by the 11<sup>th</sup> and this persisted for a week. Day and night temperatures approached high records in many districts and some notable readings were night min. 53°F at Leeming on the 15<sup>th</sup>, and day max. 57°F at Wraynham, Ross and Harwarden on 16<sup>th</sup>. This day was particularly spring-like and sunny in the South.

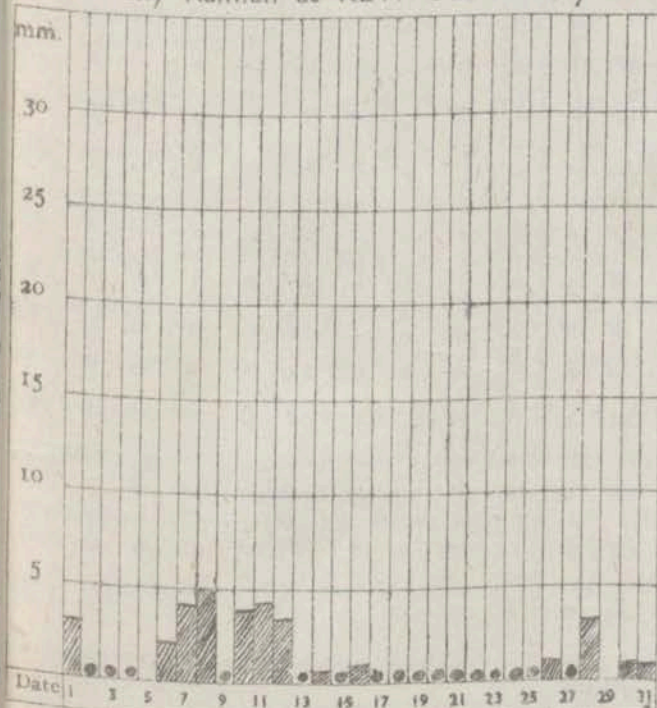
On 18<sup>th</sup> an anticyclone moved up from France over Great Britain and there was much fog on 19<sup>th</sup>. By 20<sup>th</sup> the highest pressure was off Northwest Norway, and this anticyclone intensified and moved very slowly Southeast dominating the weather over British Isles for the remainder of the month. In the southeastern area night frost began on 20<sup>th</sup> and conditions became wintry on the 23<sup>rd</sup> with snowfalls every day, and in Kent, East Sussex and parts of East Anglia there were considerable amounts with heavy drifting. Frost was practically continuous in the southeastern area for the rest of the month, but really severe conditions only spread to other parts of England and Wales on 28<sup>th</sup> and did not reach Scotland and Ireland till 29<sup>th</sup>. The northward spread of a complex shallow depression on 28<sup>th</sup> and 29<sup>th</sup> brought appreciable snowfall to practically the whole of the British Isles, even including the Scilly Isles. In southwest England the

snowstorm was the worst since 1891, and in all the southern counties there was much drifting and some villages were isolated. There were also heavy falls in some northeast districts. The frost was specially severe on the 29<sup>th</sup>, and records standing since 1881 for late January were broken at Falmouth and Kew. Some notable low temperature readings were Grass Min. -9°F at Northolt. Screen Min. 0°F at Moreton in the Marsh and Screen Max. 21°F at Little Rissington.

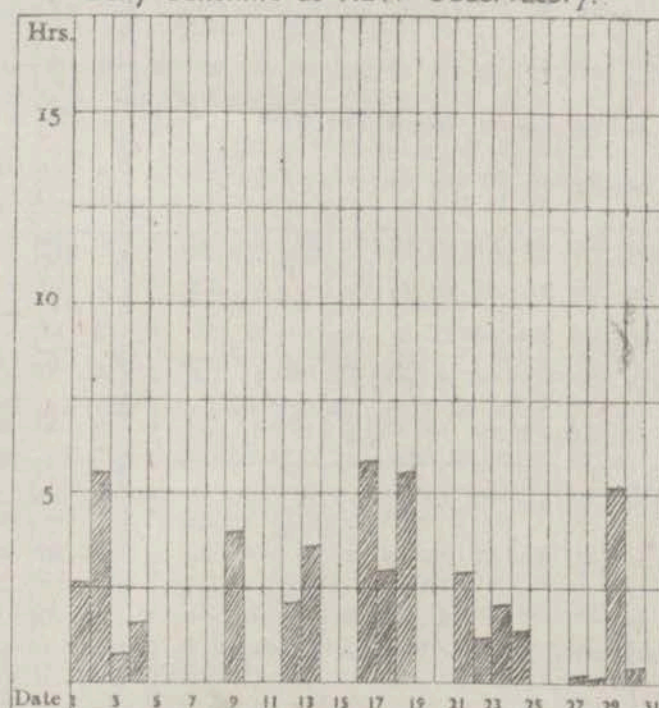
Sunshine was a little above average except in Central Ireland and parts of Central and East Scotland. It was double the amount in West Scotland. Precipitation was deficient in parts of East and Southeast England but was much in excess in Southwest Ireland, parts of North Wales and Scotland. It was about half the average in West Scotland and double in East Scotland.

Mean temperature was below normal everywhere especially in South east England. Mean pressure showed little deviation from the normal except in Ireland.

Daily Rainfall at KEW Observatory.

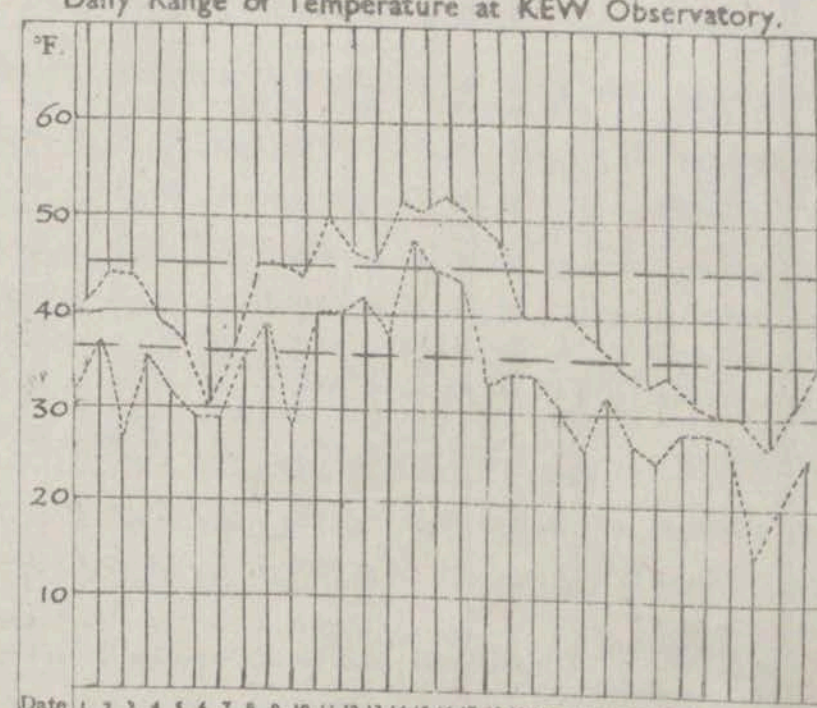
● = less than 0.5 mm.  
RAINFALL. Total for Month. 34 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 48 hrs.

Daily Range of Temperature at KEW Observatory.

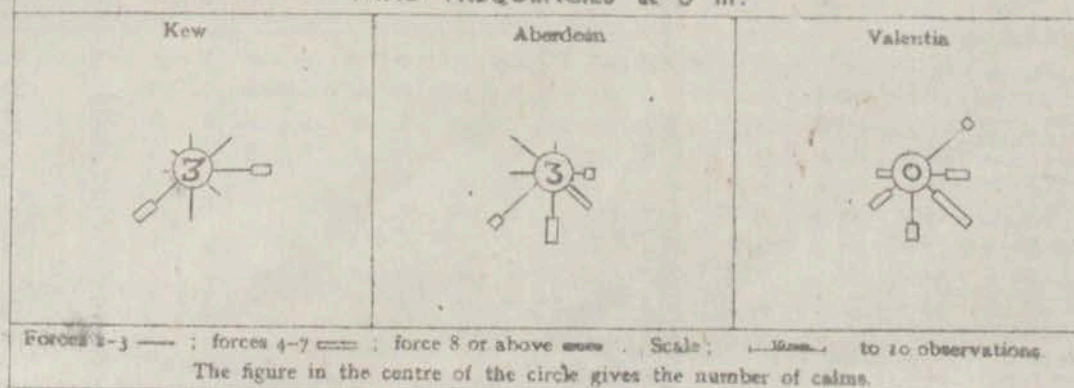


TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb 1016.0	mb -1.6	°F 36.3	°F -5.0
Aberdeen	1013.5	+2.3	38.1	-1.4
Valentia	1008.0	-7.0	43.1	-2.6

WIND FREQUENCIES at 6 hr.



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

	miles.
Kew	7314
Aberdeen	7082
Lerwick	15,989

\* 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.



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.										Average Minimum.	Extremes—Warmest and Coldest.				Number of Ground Frosts.	Number of observations within fixed limits.									Number of observations within fixed limits.														
		Maximum.					Average Maximum.	Minimum.					Days.		Nights.			9 h.			15 h.			21 h.			9 h.					15 h.									
		32° or below	33°-41°	42°-50°	51°-59°	60°-68°		23° or below	24°-32°	33°-41°	42°-50°		51°-59°	Highest Max.	Lowest Max.	Highest Min.		Lowest Min.	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).	6	12	10	3	0	45.2	2	15	10	4	0	37.5	52	16	27	29	48	15	15	29	21	2	23	0	1	24	2	1	22	0	1	2	3	5	3	0	0	2	7	2
1	Croydon ...	8	8	11	4	0	44.9	4	14	9	4	0	37.1	54	16	27	29	47	15	5	29	20	9	15	0	9	18	0	6	13	0	0	0	6	9	4	0	1	3	4	1
1	Calshot ...	3	9	14	5	0	46.1	2	11	14	4	0	38.4	52	15	31	27	48	15	19	29	15	2	20	0	3	23	1	3	24	0	0	0	3	1	16	0	0	1	2	11
1	Lympne ...	9	8	12	2	0	43.4	5	14	9	3	0	35.9	51	15	24	28	47	15	11	30	21	6	18	0	6	17	0	3	15	0	0	2	1	3	13	0	1	1	2	16
2	Shoeburyness...						45.2						35.4																												
2	Gorleston ...	2	15	12	2	0	44.3	3	12	13	3	0	36.8	53	15	28	29	50	15	22	30		2	18	1	3	26	1	0	24	1	0	0	3	0	9	0	0	0	3	11
2	Waddington &	8	13	7	3	0	43.3	3	17	9	2	0	34.7	56	16	23	29	49	15	13	29	24	5	15	0	6	16	0	6	12	2	0	4	4	1	6	1	1	5	6	6
3	Birmingham ... (Edgbaston)	6	12	10	3	0	43.2	3	13	13	2	0	36.0	55	16	23	29	49	15	16	29	17	20	3	0	15	11	0	13	10	0	0	1	6	6	7	0	1	2	6	6
4	Ross-on-Wye...	7	10	10	4	0	45.5	3	13	13	1	1	37.2	57	16	24	29	51	15	14	30	18	9	20	0	7	22	0	6	18	0	0	1	0	4	14	0	1	1	1	14
5	The Lizard ...	1	8	11	11	0	*	3	4	7	15	2	*	53	16	28	29	51	15	21	29	*	4	27	0	2	29	0	1	29	1	0	0	0	2	21	0	0	0	0	22
7	Holyhead (Valley)	2	8	18	3	0	46.4	2	8	13	8	0	41.6	51	15	28	29	49	15	18	30	15	4	23	0	8	19	0	2	19	1	0	0	0	3	15	0	0	1	1	15
8	Hawarden P	5	11	12	3	0	46.0	4	13	11	3	0	36.9	57	16	28	30	50	16	14	30	18	2	27	0	5	20	1	1	19	0	0	0	1	10	9	0	0	0	7	8
10	Tynemouth ...	0	19	9	3	0	44.1	0	3	25	2	1	37.3	55	15	34	30	51	15	26	30	8	1	30	0	0	31	0	0	30	0	0	1	2	3	11	0	1	1	5	15
11	Leuchars ...	1	15	13	2	0	43.4	1	10	18	2	0	34.4	53	15	30	30	50	15	17	31	13	6	22	0	5	22	0	3	21	0	0	0	1	1	13	0	0	0	1	13
12	Renfrew ...	1	14	14	2	0	43.6	3	9	17	2	0	35.3	51	15	30	30	50	15	16	30	19	6	25	0	8	23	0	9	18	0	0	1	6	6	8	0	1	4	5	8
12	Eskdalemuir ...	6	17	8	0	0	40.7	3	18	9	1	0	32.4	48	15	27	30	45	15	9	30	20	15	16	0	12	18	0	11	17	0	0	0	0	1	16	0	0	0	1	15
13B	Stornoway ...	0	8	23	0	0	44.6	2	6	19	4	0	37.8	50	14	35	30	45	3	23	23	13	0	27	2	2	27	0	0	23	3	0	0	0	0	30	0	0	0	0	29
15	Aberdeen ...	0	17	13	1	0	43.1	0	9	18	4	0	35.8	54	15	35	29	46	15	28	31	19	4	23	0	6	23	0	4	22	0	0	0	1	2	12	0	0	0	2	9
18	Aldergrove ...	2	11	15	3	0	43.3	1	10	17	3	0	35.4	52	15	32	30	49	15	18	30	17	10	20	0	9	20	0	4	23	0	0	1	0	0	17	0	0	0	1	17
19	Birr Castle †...	1	9	17	4	0	46.4	2	6	18	4	1	37.4	53	14	31	30	53	15	17	31	11	0	26	0	2	29	0	2	27	0	0	0	0	0	31	0	0	0	0	31
20	Valentia †... (Cahirciveen)	0	7	3	11	0	49.0	2	3	14	12	0	42.3	54	14	36	29	50	15	22	31	7	2	28	0	1	29	1	0	31	0	0	0	0	0	27	0	0	0	0	28
		††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 mb.	Sea Height feet	SIRCHAN NEWTON (... Reports) (06h)		ALDERGROVE (... Reports) (06h)		FERNANCE (... Reports) (06h)		LARKHILL (... Reports) (06h)		DOWNHAM MARKET (... Reports) (06h)		LIVER POOL (... Reports) (06h)		LORWICK (... Reports) (06h)		VALENTIA (... Reports) (06h)		LARKHILL (... Reports) (06h)						DOWNHAM MARKET (... Reports) (06h)						LIVERPOOL (... Reports) (06h)						LORWICK (... Reports) (06h)						Pressure mb.																																																																																																																																																																																																																																																																																																																																																																																																				
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† The readings used are the maximum for the period 09 h-21 h and the minimums for the period 21 h-09 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).

† Langham

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



# SUNSHINE, RAINFALL, AND HUMIDITY JANUARY, 1947

Page 5

SIBILITY.  
xed limits.  
15 h.

Fog.  
Mist.  
Great Visibility.

0 3  
5 6  
2 6  
12h  
1 1  
0 0

1 1  
0 7  
1 5

0 1  
4 5  
0 1  
0 0  
0 2

0 1  
0 0  
0 0

76 to 95 knots  
95 knots  
95 knots

0 0  
0 0  
0 0  
0 0  
0 0  
0 1  
1 2  
1 2  
0 1

LONDON, D.S., D.S.

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.	Hours.	Hours.	Hours.	Hours.	First year of record.	Highest. Year.	Lowest. Year.	0, trace or 0.1 mm.	0.2-1 mm.	1.1-5 mm.	5.1-15 mm.	15.1-25 mm.	Above 25 mm.	mm.	Date.	mm.	mm.	mm.	mm.			mm.	mm.	mm.	First year of record.	Highest. Year.	Lowest. Year.		
1	London (Kew Obsy).	13	12	6	0	0	5.9	16	1279	-190	48	+4	1880	74	1891	16	1885	15	6	10	0	0	0	5	8	760	+154	34	-11	1856	124	1877	11	1892	0	10	
1	Croydon	8	11	9	3	0	7.0	18	1503	-22	72	+24	1922	67	1927	23	1945	14	5	8	4	0	0	10	8	824	+145	58	+6	1921	154	1943	29	1935	0	8	
1	Calshot **	11	9	7	4	0	7.1	2	1700	46	73	+8	1881	88	1940	39	1936	13	3	8	7	0	0	12	30	829	+183	76	+24	1871	154	1937	19	1935	1	9	
1	Lympe	9	10	8	4	0	7.6	18	1647	-118	79	+21	1921	91	1940	33	1941	14	4	11	2	0	0	13	7	825	+101	54	-2	1920	124	1939	30	1929	0	11	
2	Shoeburyness												1919	77	1923	32	1941														1920	93	1937	23	1932		
2	Gorleston	9	10	11	1	0	6.9	17	1636	-7	77	+21	1908	84	1910	27	1915	21	4	5	1	0	0	7	1	785	+163	35	-3	1871	142	1939	3	1880	0	10	
2	Waddington	12	9	8	2	0	6.9	17	1536	-2	60	+5	1921	69	1932	30	1941	16	5	8	2	0	0	7	8	719	+129	34	-10	1917	109	1943	18	1932	0	11	
3	Birmingham (Edgbaston)	13	10	6	2	0	6.3	16	1229	-75	48	+4	1887	73	1905	8	1917	13	3	13	2	0	0	9	8	884	+210	54	+3	1893	148	1939	21	1908	0	12	
4	Ross-on-Wye	14	9	6	2	0	7.2	17	1304	-181	47	-8	1913	91	1933	34	1921	14	5	8	4	0	0	9	8	765	+48	50	-12	1850	161	1943	7	1898	0	9	
5	Falmouth (Observatory)	11	10	6	4	0	6.7	6	1497	-213	62	+2	1881	87	1895	22	1884	16	1	6	6	2	0	20	5	1272	+165	115	+8	1871	246	1875	25	1880	0	5	
7	Holyhead (Valley)	11	10	6	4	0	7.1	12	1578	+28	67	+16	1914	102	1933	29	1914	14	3	7	4	2	1	26	3	963	+16	110	+36	1871	190	1877	19	1880	0	4	
8	Hawarden P	11	13	5	2	0	7.0	17	1411	+35	44	-9	1923	71	1933	33	1941	14	8	6	3	0	0	10	12	743	+105	48	+1	1922	155	1936	31	1929	0	9	
10	Tynemouth	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	13	8	7	3	0	0	10	12	620	-1	47	+6	1913	129	1945	15	1932	0	6	
11	Leuchers	18	8	4	1	0	6.9	25	1546	+76	38	-20	1922	84	1931	21	1942	10	5	9	7	0	0	13	12	685	+32	87	+41	1922	124	1928	22	1929	0	12	
12	Renfrew	17	11	3	0	0	4.1	13	1285	+92	25	-9	1921	49	1931	9	1940	11	5	3	12	0	0	14	1	945	+6	109	+24	1921	241	1928	22	1941	0	7	
12	Eskdalemuir	18	10	3	0	0	5.4	20	1189	-12	37	+2	1910	81	1945	12	1913	7	8	6	6	3	1	25	3	1625	+196	166	+29	1910	394	1928	43	1941	0	14	
13	Stornoway	12	10	7	2	0	6.9	20	1358	+143	58	+31	1881	60	1939	12	1907	15	4	5	7	0	0	9	3	1036	-165	70	-54	1870	373	1872	33	1881	0	0	
25	Aberdeen	19	5	7	0	0	4.6	21	1211	-118	38	-9	1881	85	1881	15	1885	13	3	5	8	2	0	21	11	843	+95	116	+61	1871	128	1945	16	1905	0	9	
28	Aldergrove	12	15	4	0	0	5.7	13	1314	-12	40	-2	1927	64	1928	24	1944	11	5	9	5	1	0	15	8	864	+26	75	+5	1926	143	1942	31	1935	0	7	
19	Birr Castle	9	20	2	0	0	4.8	17	1084	-222	35	-14	1881	91	1897	24	1884	10	6	7	8	0	0	10	16	1068	+241	91	+19	1862	148	1890	17	1881	*	*	
20	Valentia (Cahiriveen)	9	12	10	0	0	6.0	25	1306	-62	55	+11	1880	128	1881	16	1898	8	4	7	8	3	1	41	7	1486	+72	202	+63	1860	296	1937	27	1935	*	*	

## 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	1	6	7	14	3	0	0	0	0
Ross-on-Wye	0	1	3	13	11	3	0	0	0	0
Falmouth (Obsy.)	2	4	10	8	5	2	0	0	0	0
Renfrew	0	3	10	12	6	0	0	0	0	0
Eskdalemuir	0	1	8	18	3	1	0	0	0	0
Aberdeen	0	0	3	8	15	5	0	0	0	0
Valentia	0	0	5	12	12	2	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	20	0	1	3	0	1	0	6	0	0 Dry
Ross-on-Wye	0	21	0	1	2	0	0	1	6	0	1 Wet.
Renfrew	1	17	0	7	2	1	2	1	0	0	2 Flooded.
Eskdalemuir	0	10	4	4	5	0	1	3	4	0	3 Frozen hard and dry
Aberdeen	1	22	1	3	0	0	1	3	0	0	4 Partly covered with snow or hail.
Valentia (at 18)	0	21	8	2	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 ins. deep.

\* The extremes of rainfall and sunshine are supplemented by those from Southampton.  
† Averages and extreme values are those for Sealand about 5 miles from Hawarden.  
‡ Averages and extreme values are those for Cranwell about 11 miles south of Waddington.

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

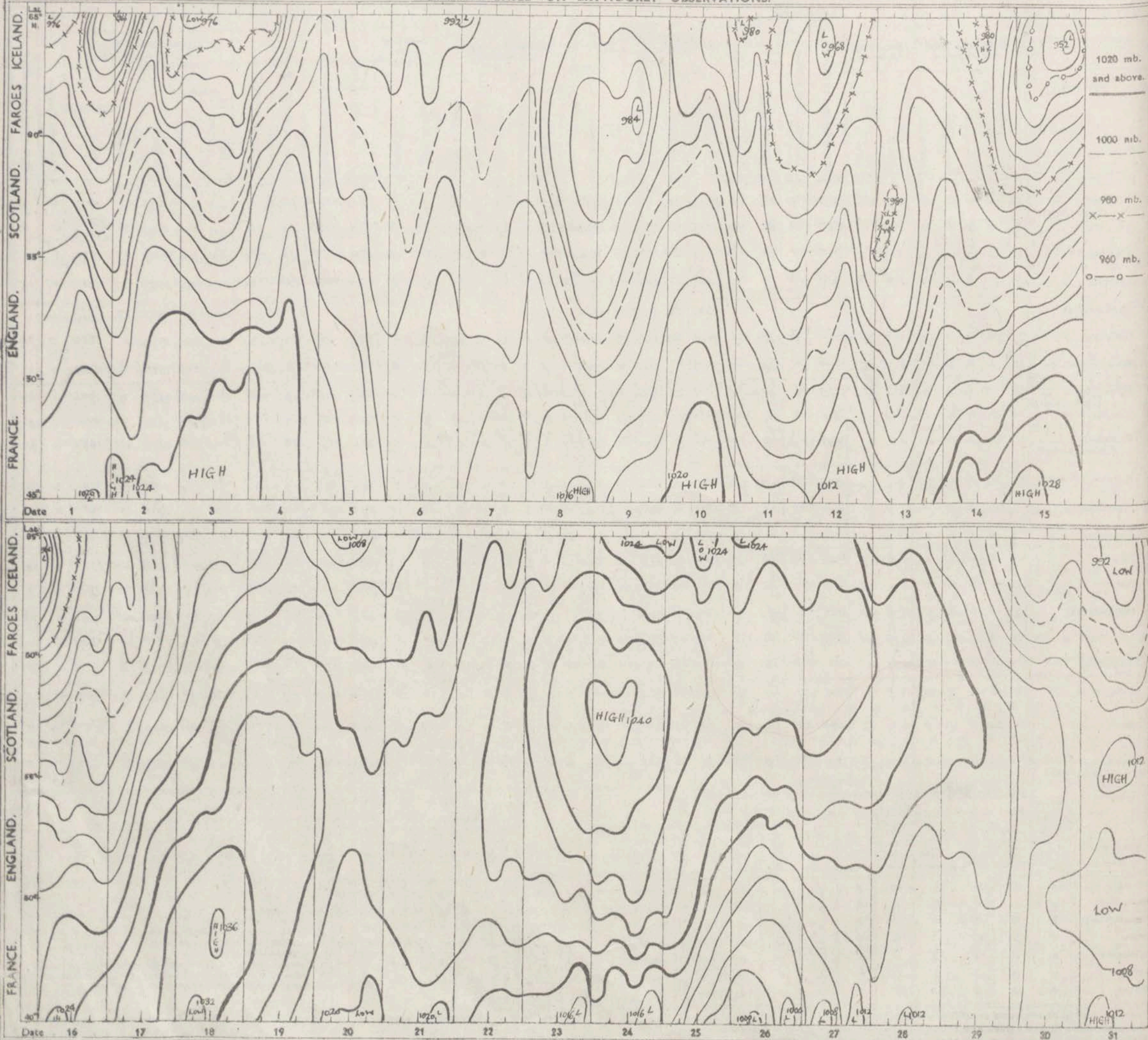


## PRESSURE: ICELAND TO GULF OF LIONS

JANUARY

1947

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 6h, 12h, 18h, and 24h are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 16° W. in the north; at Lat. 44½° N., Long. 4° E. in the south.



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

OBSERVATIONS at 18h. G.M.T. 31<sup>st</sup>. December

## OBSERVATIONS during DAY

STATIONS.  (For heights see p. 4.)	Barom. at M.S.L.  mb. (1)	Change in 3 hours.  (2)	Wind.		Weather.  (5)	Temp.  (6)	Dew Point  (7)	Visibility.  (8)	Cloud.				Height of Base Hundreds of feet.  (13) (14)	Barom. at M.S.L.  mb. (17)	Change in 3 hours.  (18)	Wind.		Weather.  (21)	Temp.  (22)	Dew Point  (23)	Visibility.  (24)	Cloud.				Height of Base Hundreds of feet.  (27) (28)	State of Ground.  (29) (30)	Weather.		Max. Temp. of sh. °F. (35)	Sun- shine Hrs. (36)	Rain- fall inches. (37)																																																																																																																																																																																																																																																																																																																																																																																																														
			Dir.	Force.					Low.	Med.	High.	Total.				Low.	Med.					High.	Total.	Low.	Med.			High.	Total.				Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.																																																																																																																																																																																																																																																																																																																																																																																														
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CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30)

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

\* Information not usually received.

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

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

8 = Completely covered.

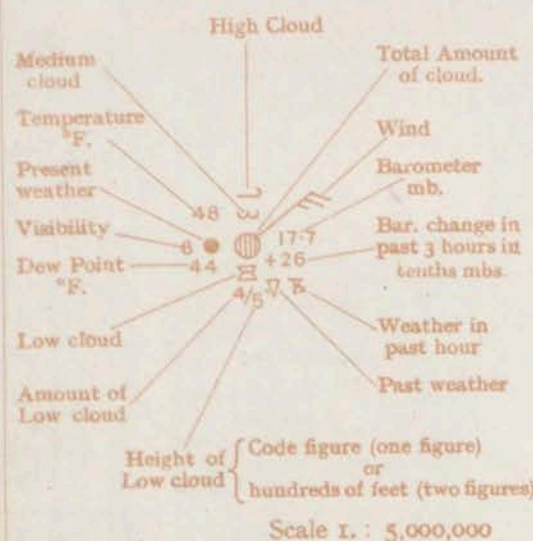
9 = Sky obscured by fog, etc.

B = Next lowest cloud.

B = Next lowest cloud. † See footnote p. 4.



## STATION MODEL



6h

Wednesday 1<sup>st</sup> January

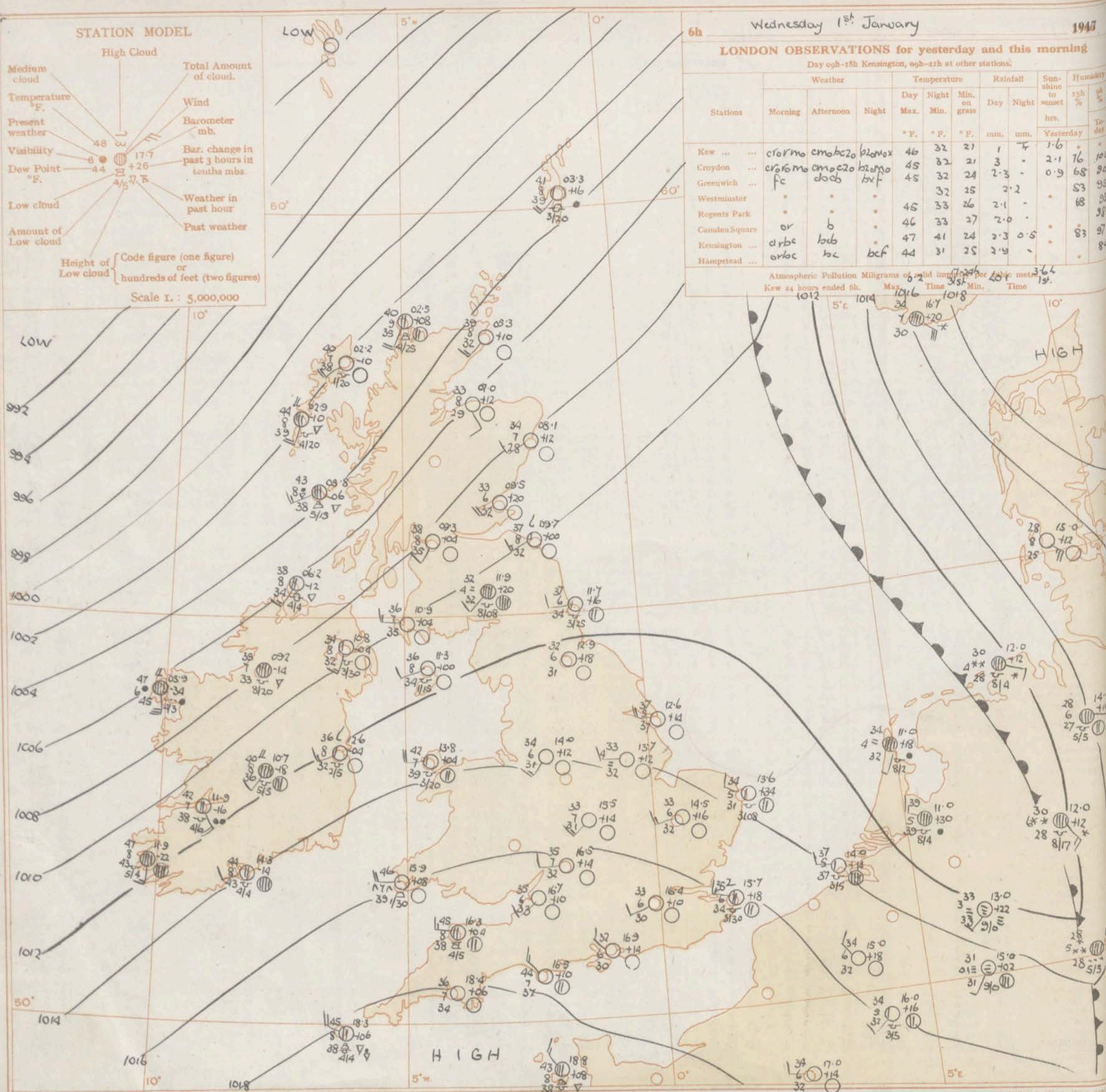
1947

## 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 %	9h %
Kew ...	crormo	cmobc20	b2omox	46	32	21	1	4	1.6	76	101
Croydon ...	crormo	cmobc20	b2omox	45	32	21	3	-	2.1	68	90
Greenwich ...	fc	dob	bxf	45	32	24	2.3	-	0.9	83	95
Westminster	.	.	.	45	33	26	2.1	-	.	68	98
Regents Park	.	.	.	46	33	27	2.0	-	.	83	97
Canlen Square	or	b	.	47	41	24	2.3	0.5	.	83	97
Kensington ...	arbc	bcb	bcb	44	31	25	2.9	-	.	.	84
Hampstead ...	orloc	bcb	bcb	44	31	25	2.9	-	.	.	84

Atmospheric Pollution Miligrams of solid impurity per cubic metre  
 Kew 24 hours ended 6h. Max. Time 1012 Min. Time 1018



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# GENERAL INFERENCE

A ridge of high pressure over the British Isles is moving eastwards and a frontal system is approaching from the west. Over England and Wales and East Scotland weather will be fair or fine at first, but a belt of rain over Northern Ireland and West Scotland will move rather quickly eastwards across all areas reaching Southwest England by midnight. Behind it there will be showers and bright periods which will spread to the Southeast of England tomorrow morning; the showers will be frequent in the North and West but scattered in the South and East. It will be generally rather cold.

# FURTHER OUTLOOK

Uncertain.

↓ Gale warning in operation in district 16.  
Issued at 2225 G.M.T. 30<sup>th</sup> December 1946.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 1<sup>st</sup> January  
1947.

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

# EXPLANATION OF CHART

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

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

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

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.



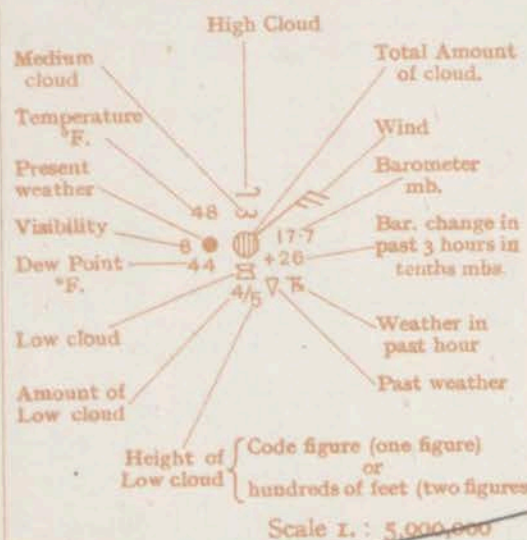
THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

No. 31087

[illegible]



## STATION MODEL



Low 43 22.0  
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994

996

60°

998

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# GENERAL INFERENCE

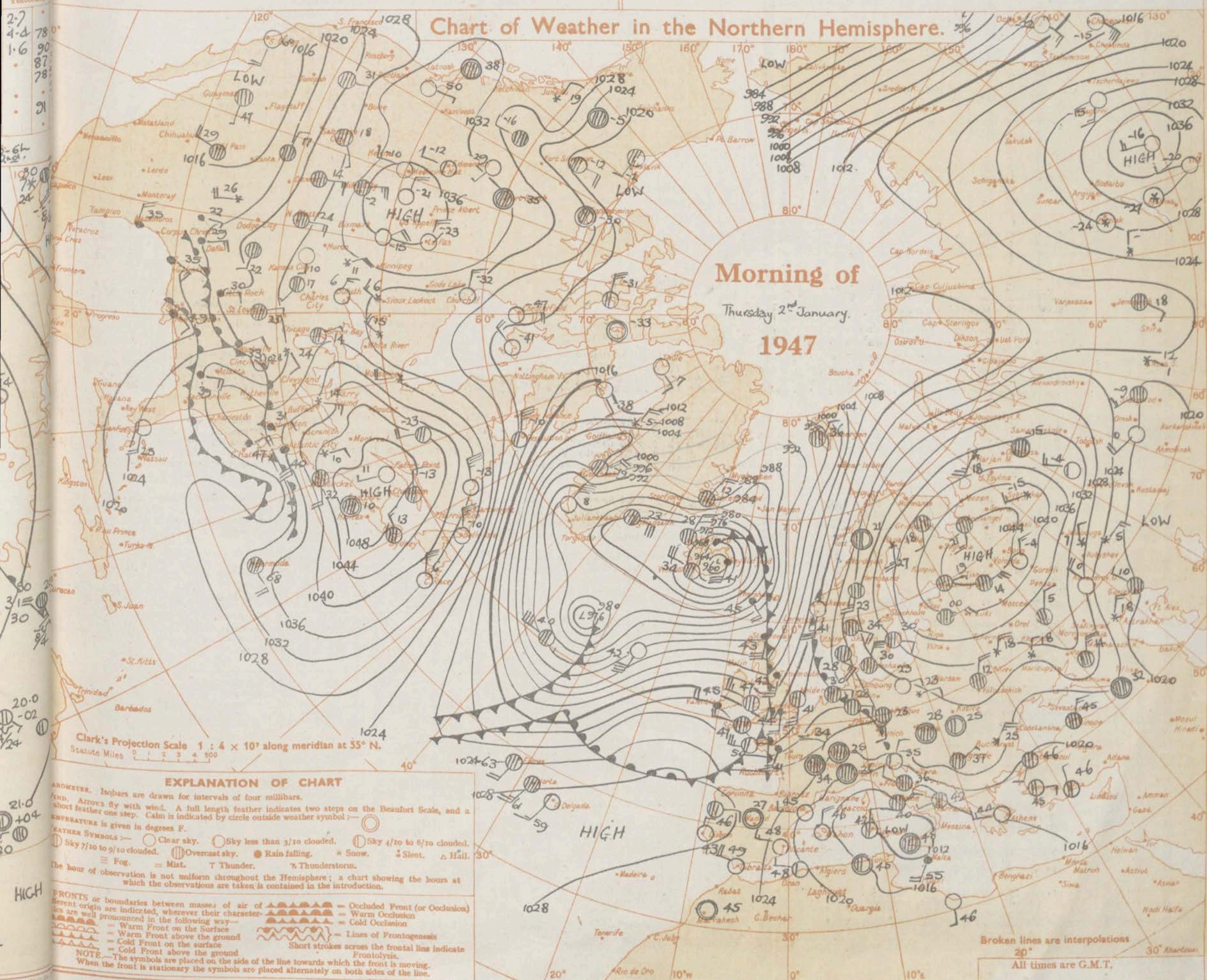
A Trough of low pressure extends down the North Sea, and another trough in mid-Atlantic is moving east. Weather will be fair or fine in the South, but in the North there will be bright intervals and showers over the high ground. A further period of rain and low cloud will reach western districts during the night and spread eastwards across the country reaching the eastern districts towards the end of the period. It will be followed by bright intervals and showers in the North and mainly fair or fine conditions in the South. There will be local fog and frost in the East and South to-night. It will be cold.

# FURTHER OUTLOOK

Bright intervals and showers in North, fair or fine in South after rain at first in South east. Cold.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 2<sup>nd</sup> January.  
1947





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Thursday 2<sup>nd</sup> January, 1947

No. 31087

OBSERVATIONS at 00hr. G.M.T. 2<sup>nd</sup> JanuaryOBSERVATIONS 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 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			State of Ground.	Weather.		Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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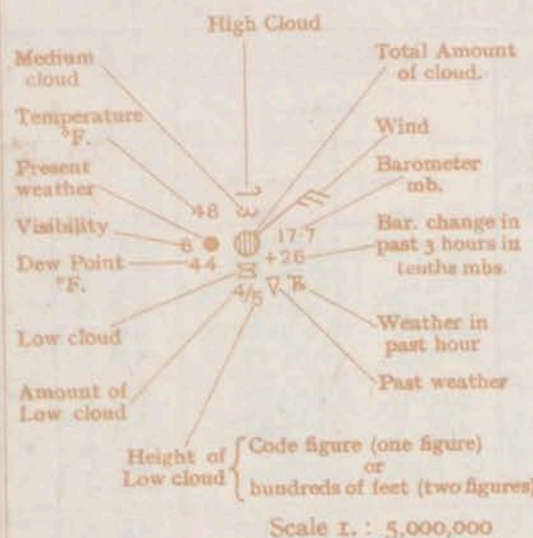


OBSERVATIONS at 18h. G.M.T. 2<sup>nd</sup> January

## OBSERVATIONS during DAY



# STATION MODEL



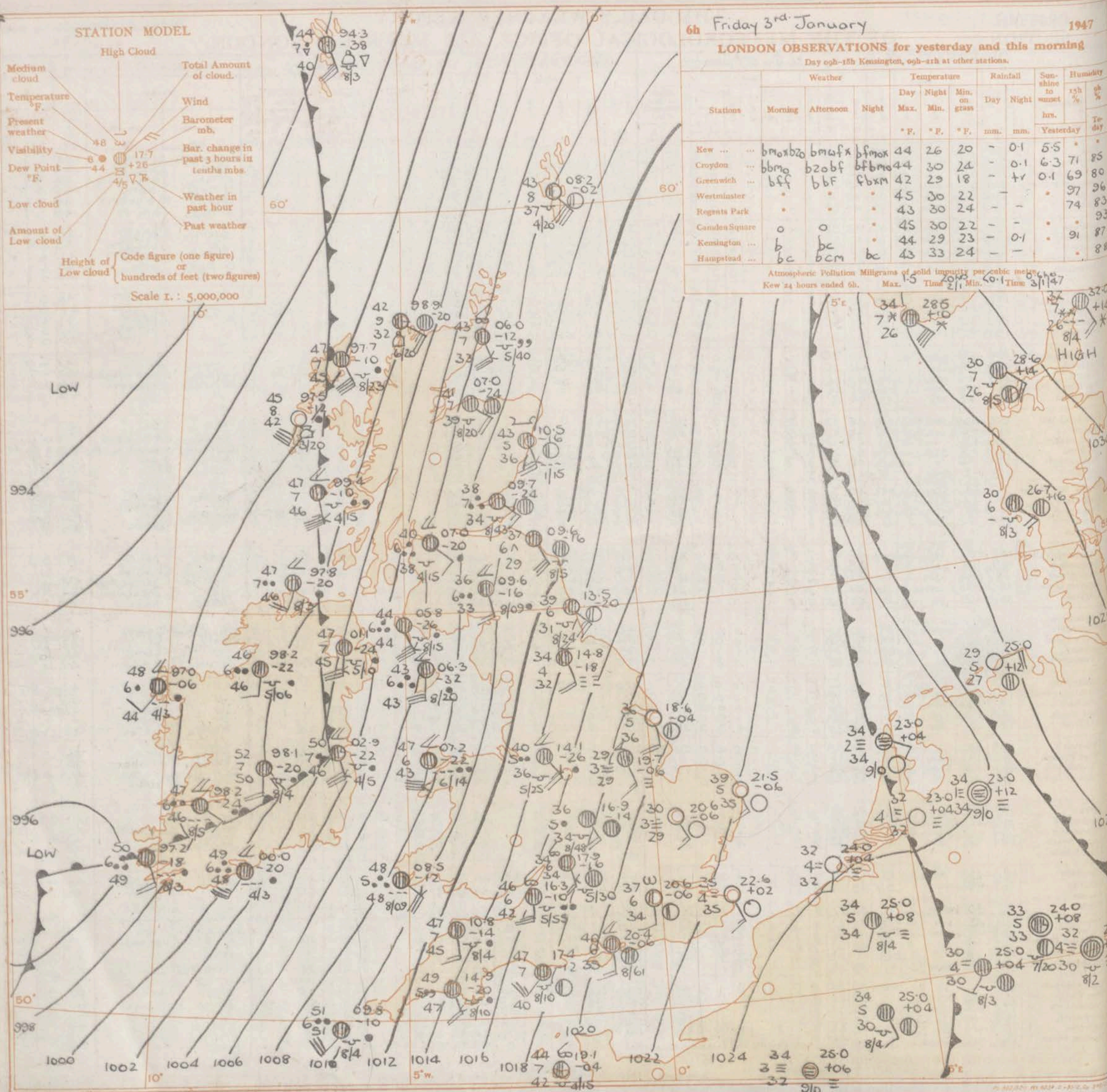
6h Friday 3<sup>rd</sup> January 1947

## 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 glass	Day	Night		15h %	9h %
Kew ...	bmaxb20	bmaxf20	bmax	44	26	20	-	0.1	5.5	71	85
Croydon ...	bmax	b20bf	bfbmax	44	30	24	-	0.1	6.3	69	80
Greenwich ...	bff	b6f	b6xm	42	29	18	-	tr	0.1	97	96
Westminster	.	.	.	45	30	22	-	-	.	74	83
Regents Park	.	.	.	43	30	24	-	-	.	.	93
Canal Square	0	0	.	45	30	22	-	-	.	91	87
Kensington ...	b	bc	bc	44	29	23	-	0.1	.	.	88
Hampstead ...	bc	bcm	bc	43	33	24	-	-	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic meter.  
Kew 24 hours ended 6h. Max. Time 2.1 Min. Time 3.147



are moving mainly cloud occasional strong wind

BAROMETER. In WIND. ABOVE short feather TEMPERATURE in WEATHER SYMB Sky 7/10 to The hour of 0 NOTE. When



# GENERAL INFERENCE

A very deep depression persists west of Iceland and secondary disturbances are moving North-northeast over western districts of the British Isles. Weather will be mainly cloudy in most districts. There will be frequent rain in the West and North and occasional slight rain in Eastern areas. It will continue rather cold due to fresh to strong winds. Gales will occur in exposed places in the West and North.

# FURTHER OUTLOOK

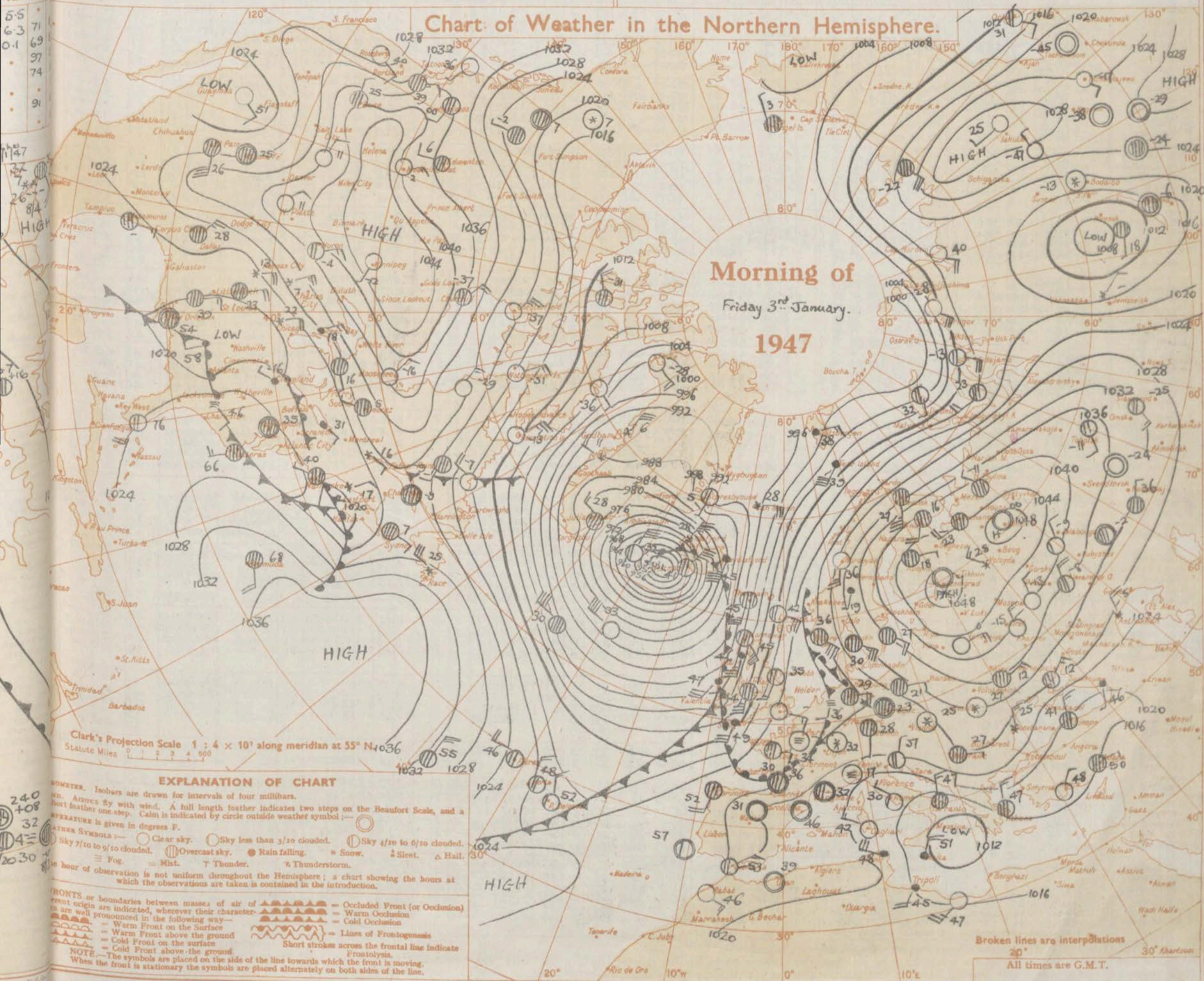
Occasional rain or showers in most districts. Rather cold.

▼ Gale warning in operation districts 1, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13A, 13B, 14, 15, 16, 17 and 18.

Issued at 1630 GMT 2<sup>nd</sup> Jan. and 0125 GMT 3<sup>rd</sup> Jan. 1947.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 3<sup>rd</sup> January.  
1947





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday, 3rd January 1947  
No. 51088

OBSERVATIONS at 00hr. 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.		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.	A.	B.			Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.	A.	B.		rth.-ooh.	ooh.-ooh.	Min. °F.	Max. on Gauge °F.											
																																			Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.
1	New Croydon	16	22.2	+6	SE	3	m	32	31	4	-	-	-	-	20.0	-8	SSE	2	m	34	28	6	5	-	-	-	-	1	bftx	bftbcmx	26	20	0.1											
	Croydon	217	22.2	+6	SE	3	m	32	31	4	-	-	-	-	20.6	-6	S	2	m	37	34	4	1	-	-	-	-	1	bftbcmx	bftbcmx	30	24	0.1											
	S. Farnborough	226	21.7	-10	SE	3	m	32	29	4	-	-	-	-	20.1	-14	SE	2	m	34	31	4	1	-	-	-	-	1	bftbcmx	bftbcmx	29	19	0.1											
	Boscombe Down	417	20.6	-14	SE	3	m	32	28	4	-	-	-	-	18.6	-10	ESE	4	m	39	37	6	5	7	-	-	-	8	5	8	20	26	0.2											
	Calshot	8	21.4	-12	SE	3	m	37	37	4	-	-	-	-	19.5	-10	SSE	4	m	42	40	6	5	7	-	-	-	8	5	8	40	57	0.1											
	Tangmere	53	21.4	-12	-	0	m	28	28	5	5	-	-	-	20.4	-6	S	3	m	40	35	6	5	2	-	-	-	8	8	-	110	-	0.1											
	Lymington	341	23.0	+2	-	0	m	29	29	6	-	-	-	-	22.1	0	S	3	m	38	36	6	5	-	-	-	-	-	1	bftbcmx	bftbcmx	27	19	0.1										
	Manston	140	22.9	+2	SW	3	m	31	30	4	-	-	-	-	22.6	+2	SSE	3	m	35	35	4	1	-	-	-	-	-	1	bftbcmx	bftbcmx	30	25	0.1										
2	Boston	105	22.5	+2	W	1	m	31	30	4	-	-	-	-	21.8	0	SSE	3	m	33	29	3	1	-	-	-	-	-	1	bftbcmx	bftbcmx	27	17	0.1										
	Felixstowe	10	21.8	+2	W	1	m	33	31	5	-	-	-	-	21.6	0	SE	3	m	33	30	5	1	-	-	-	-	-	1	bftbcmx	bftbcmx	29	19	0.1										
	Gorleston	5	21.6	+10	W	3	m	34	31	4	-	-	-	-	21.5	-6	SSE	3	m	39	35	5	1	-	-	-	-	-	5	bftbcmx	bftbcmx	33	20	0.1										
	Mildenhall	15	21.4	-2	S	2	m	30	30	6	-	-	-	-	20.6	-6	SSE	3	m	30	29	3	1	-	-	-	-	-	1	bftbcmx	bftbcmx	28	24	0.1										
	West Raynham	250	21.2	+2	S	1	m	33	32	4	-	-	-	-	20.6	-6	SE	3	m	32	32	3	1	-	-	-	-	-	1	bftbcmx	bftbcmx	31	26	0.1										
	Waddington	335	20.2	-4	SW	2	m	35	33	5	-	-	-	-	19.7	-6	SSE	3	m	29	29	3	1	-	-	-	-	-	1	bftbcmx	bftbcmx	29	22	0.1										
3	Cranfield	340	21.0	-6	SSW	2	m	30	29	4	-	-	-	-	19.5	-8	S	2	m	34	31	4	1	-	-	-	-	-	1	bftbcmx	bftbcmx	28	19	0.1										
	Honley	427	19.3	-18	SSE	2	m	31	30	3	-	-	-	-	16.9	-14	SSE	4	m	36	34	5	5	-	-	-	-	-	1	bftbcmx	bftbcmx	31	27	0.1										
4	Little Rissington	731	20.1	-22	SSE	2	m	32	32	9	-	-	-	-	17.9	-16	SSE	4	m	34	34	6	5	7	-	-	-	-	1	bftbcmx	bftbcmx	30	24	0.1										
	Defford	58	18.8	-22	SSW	3	m	36	33	6	-	-	-	-	16.2	-18	SSW	5	m	41	37	7	5	7	-	-	-	-	1	bftbcmx	bftbcmx	30	25	0.1										
5	Bristol	209	19.6	-16	SE	2	m	37	35	6	-	-	-	-	16.3	-10	S	5	m	46	42	6	5	7	-	-	-	-	1	bftbcmx	bftbcmx	35	31	0.1										
	Hartland Point	209	14.3	-29	SSE	4	m	45	39	9	-	-	-	-	10.8	-14	S	5	m	47	45	7	5	7	-	-	-	-	1	bftbcmx	bftbcmx	45	40	0.1										
	Yeovilton	50																																										
	Portland Bill	32	19.4	-16	S	4	m	47	40	7	-	-	-	-	17.4	-12	SSW	5	m	47	40	7	5	-	-	-	-	-	1	bftbcmx	bftbcmx	46	40	0.1										
	Exeter	100	18.6	-14	SSE	4	m	45	38	8	-	-	-	-	15.6	-16	S	5	m	45	44	6	5	-	-	-	-	-	1	bftbcmx	bftbcmx	49	43	0.1										
	Plymouth	86	18.0	-14	S	2	m	48	42	6	-	-	-	-	14.9	-20	S	4	m	49	47	5	5	-	-	-	-	-	1	bftbcmx	bftbcmx	49	43	0.1										
	St. Eval	345	15.4	-14	SSE	5	m	47	42	7	-	-	-	-	11.8	-22	SSE	6	m	50	49	5	5	-	-	-	-	-	1	bftbcmx	bftbcmx	49	43	0.1										
	Predannack	293	15.7	-30	S	5	m	48	42	7	-	-	-	-	12.8	-12	SSW	6	m	49	42	7	5	7	-	-	-	-	1	bftbcmx	bftbcmx	48	42	0.1										
	Guernsey	340	21.0	-16	SSW	5	m	44	39	8	-	-	-	-	13.1	-4	S	6	m	44	42	7	5	7	-	-	-	-	1	bftbcmx	bftbcmx	42	30	0.1										
	Scilly, St. Marys	163	12.7	-24	S	6	m	49	47	6	-	-	-	-	09.8	-10	SSW	6	m	51	51	6	5	-	-	-	-	-	1	bftbcmx	bftbcmx	48	40	0.1										
	Fairweather	208	16.6	-16	SE	6	m	43	41	7	-	-	-	-	12.6	-20	SE	5	m	45	42	7	5	2	-	-	-	-	1	bftbcmx	bftbcmx	40	37	0.1										
	Pembroke	142	13.3	-26	S	6	m	48	41	7	-	-	-	-	08.5	-12	SE	6	m	48	48	5	6	-	-	-	-	-	1	bftbcmx	bftbcmx	40	37	0.1										
	Aberporth	425	13.0	-22	SE	6	m	42	36	8	-	-	-	-	09.7	-12	SSE	5	m	44	43	7	5	7	-	-	-	-	1	bftbcmx	bftbcmx	40	37	0.1										
	Penrhos	63																																										
	Holyhead (Valley)	32	12.2	-26	S	7	m	44	37	7	-	-	-	-	07.2	-22	SW	8	m	47	43	6	6	2	-	-	-	-	1	bftbcmx	bftbcmx	42	38	0.1										
	Hawarden	15	16.8	-20	SSE	4	m	38	32	5	-	-	-	-	12.5	-22	S	4	m	39	37	5	5	-	-	-	-	-	1	bftbcmx	bftbcmx	45	40	0.1										
8	Manchester	230	17.3	-22	SE	3	m	38	32	5	-	-	-	-	14.1	-26	SE	5	m	40	36	5	5	2	-	-	-	-	1	bftbcmx	bftbcmx	45	40	0.1										
	Squires Gate	33													12.7	-16	SSE	5	m	40	38	6	6	-	-	-	-	-	1	bftbcmx	bftbcmx	45	40	0.1										
	Carlisle	100	14.1	-30	SE	2	m	38	35	6	-	-	-	-	09.0	-44	SSE	3	m	41	35	6	5	-	-	-	-	-	1	bftbcmx	bftbcmx	45	40	0.1										
9	Ashbourne	590	19.4	-6	S	1	m	30	30	3	-	-	-																															



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

Saturday 4th January 1947

No. 31959

OBSERVATIONS at 12h. G.M.T. 3rd January

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

OBSERVATIONS during DAY

NIGHT	Station	Barom. at 12h. mb.	Change in 3 hours.	Wind. Dir. Force.	Weather.	Temp. °F.	Dew Point °F.	Visibility. m.	Cloud. Form. Amount.	Height of Base Hundreds of feet.	Barom. at 18h. mb.	Change in 3 hours.	Wind. Dir. Force.	Weather.	Temp. °F.	Dew Point °F.	Visibility. m.	Cloud. Form. Amount.	Height of Base Hundreds of feet.	State of Ground.	Weather.	Max. Temp. °F.	Sun- shine hrs.	Rain- fall inches.
1	Kew	20.8	+2	SW	5	Mo	43	38	6	5	21.4	+10	SSE	3	cl	39	35	6	5	7	1	44	0.8	Tr
	Croydon	20.2	-8	SSE	5	Mo	44	37	6	5	21.0	+6	SSE	5	mo	39	35	6	5	10	1	44	0.8	Tr
	S. Farnborough	20.3	0	SSE	5	Mo	43	37	6	5	21.6	+10	SSE	5	mo	39	34	6	5	11	1	44	0.2	0.3
	Boscombe Down	18.5	-4	SSE	5	cl	42	41	6	6	19.7	+8	SSE	4	dodo	41	40	6	6	2	1	42	0.0	1
	Calshot	19.9	-4	SE	5	cl	44	42	7	7	21.1	+6	SE	4	cl	42	40	6	7	8	1	48	0.0	Tr
	Tangmere	21.4	+2	SSE	4	ido	42	39	7	5	22.1	+10	SSE	4	dodo	41	39	5	5	10	1	44	0.0	6
	Lympne	23.2	+2	SSE	5	Mo	38	36	6	5	24.2	+10	SSE	4	mo	37	34	6	5	10	1	40	0.0	Tr
	Manston	23.7	+2	SSE	5	Mo	38	36	6	5	24.4	+6	SSE	5	mo	36	34	6	5	8	0	38	0.0	Tr
	Boxed	22.9	-2	SSE	4	Mo	38	37	6	5	24.4	+10	SSE	4	c	36	34	6	5	20	1	41	0.8	Tr
	Felixstowe	22.9	+4	SW	4	Mo	39	36	6	5	24.3	+10	SSE	5	mo	37	34	6	5	11	1	41	2.0	Tr
	Corleston	22.4	+2	S	5	Mo	41	35	6	5	24.0	+12	SW	6	mo	39	34	6	5	15	0	41	1.3	Tr
	Mildenhall	20.4	-4	S	4	Mo	41	38	5	7	21.8	+4	SSE	4	mo	39	37	6	5	7	1	45	0.1	0.1
	West Raynham	20.5	-6	SSE	5	Mo	39	37	6	5	21.5	+10	SSE	4	mo	36	34	6	5	7	1	39	0.0	0.4
	Waddington	19.0	-6	S	5	Mo	37	36	6	5	19.3	+4	S	4	mo	38	37	6	5	7	1	39	0.0	0.4
	Cranfield	19.0	-4	SSW	5	Mo	42	37	6	5	20.3	+6	S	5	mo	39	36	6	5	7	1	41	0.7	Tr
	Ronley	16.7	+2	S	4	Mo	42	38	6	5	18.1	+12	SSE	5	mo	41	39	6	5	4	1	44	0.0	0.3
	Little Rissington	18.0	-2	SSE	4	dodo	40	39	4	6	19.4	+10	SSE	4	cl	39	39	3	5	0	1	41	0.0	0.3
	Deford	15.7	-6	SSE	0	c	45	40	7	7	17.1	+10	SSE	5	mo	44	41	6	5	7	1	46	0.0	0.3
	Bristol	16.5	0	SSE	4	Mo	46	44	6	5	17.3	+8	SE	4	ido	46	44	6	5	7	1	48	0.0	0.3
	Hartland Point	11.5	+4	S	5	ido	51	49	6	5	12.0	+14	S	5	ido	52	48	7	5	7	1	53	0.3	0.4
	Yeovilton	16.2	0	SE	4	ido	47	45	7	5	12.0	+14	S	5	ido	52	48	7	5	7	1	53	0.3	0.4
	Portland Bill	16.8	0	SSW	6	Mo	47	45	6	5	17.5	+8	S	6	mo	46	43	6	5	10	1	48	0.0	Tr
	Exeter	15.5	0	SSE	5	Mo	48	46	6	5	15.6	+4	SE	5	ido	48	48	6	6	4	15	50	0.0	Tr
	Plymouth	14.5	+2	S	5	ido	50	50	5	5	16.4	+8	SSE	5	mo	51	49	6	5	7	1	51	0.0	0.6
	St. Eval	12.1	+2	SW	6	ido	51	50	5	5	12.7	+8	S	6	c	51	49	7	5	8	1	52	0.0	2
	Predannack	13.1	+2	SW	6	dodo	51	51	6	5	13.1	+10	S	7	mo	50	49	6	5	10	1	52	0.1	0.3
	Guernsey	19.4	+2	SSE	5	Mo	44	42	6	5	19.8	+6	S	6	ido	42	41	6	5	4	15	45	0.0	Tr
	Scilly, St. Marys	09.8	+6	SW	7	cl	51	49	6	8	09.8	+6	SSW	6	ido	52	50	6	5	7	1	53	0.1	8
	Fairwood	12.5	0	SW	4	c	50	46	7	5	13.2	+10	SW	4	mo	48	47	6	5	8	15	50	0.2	3
	Pembroke	09.5	+6	SW	5	q	50	48	7	5	10.9	+8	SW	6	q	51	49	6	5	10	2	51	0.0	3
	Aberperth	09.8	+2	SW	6	cl	50	48	7	5	10.9	+6	SW	6	ido	50	48	7	5	9	15	51	0.0	9
	Penrhos	09.8	+2	SW	6	cl	50	48	7	5	10.9	+6	SW	6	ido	50	48	7	5	9	15	51	0.0	9
	Holyhead (Valley)	08.0	+10	S	8	dodo	48	46	6	5	08.6	+8	SSE	7	dodo	49	47	6	5	11	15	51	0.0	4
	Harwarden	12.4	+4	SE	4	Mo	45	43	6	5	12.9	+6	SSE	5	cl	46	45	6	5	11	1	47	0.0	0.3
	Manchester	13.3	-6	SSE	7	Mo	44	40	6	5	14.4	+2	SSE	5	ido	45	42	6	5	8	15	46	0.1	Tr
	Squires Gate	12.2	-2	SSE	7	Mo	44	42	6	5	12.2	-4	SSE	7	q	47	42	7	5	9	1	48	0.0	Tr
	Carlisle	09.9	+10	S	4	c	47	42	7	5	09.7	-2	S	5	c	47	44	7	5	6	15	48	0.0	1
	Ashbourne	16.5	-2	SSE	4	Mo	38	35	5	7	17.7	+8	SSE	4	cl	41	39	4	5	2	15	42	0.0	1
	Pinningley	18.7	-2	SSE	6	q	40	38	6	5	18.8	+10	SSE	6	c	39	38	7	5	2	0	41	0.0	Tr
	Spurn Head	14.3	-6	ESE	4	cl	36	35	4	5	15.6	+10	SE	3	m	41	39	4	5	7	1	42	0.0	0.5
	Leeming	14.3	-6	ESE	4	cl	36	35	4	5	15.6	+10	SE	3	m	41	39	4	5	7	1	42	0.0	0.5
	Tynemouth	13.4	0	SE	4	cl	41	35	5	5	13.6	+4	S	5	mo	43	38	6	5	18	1	44	0.0	Tr
	Acklington	13.1	-10	SSE	5	Mo	38	36	5	5	13.9	+4	SSE	6	mo	41	40	5	5	2	25	43	0.0	1
	St. Abb's Head	08.5	+2	S	6	q	38	35	6	5	09.9	-4	SSE	5	q	40	38	6	5	25	1	42	0.0	0.3
	Leuchars	07.7	-6	E	1	q	41	39	7	5	08.3	+2	S	5	mo	46	43	6	5	7	1	47	0.0	1
	Bell Rock	07.7	0	SW	8	q	42	37	6	5	07.7	0	S	8	mo	44	41	6	5	15	1	50	0.0	1
	Renfrew	03.5	-14	S	5	Mo	47	44	6	5	04.5	+6	SSW	6	ido	49	47	6	5	9	15	50	0.0	6
	Prestwick	03.0	-6	SE	6	Mo	50	46	6	6	04.9	+12	SSE	6	ido	49	46	6	5	15	15	52	0.0	2
	West Freugh	04.9	+4	SSE	7	Mo	49	47	6	5	05.9	+8	SSW	7	ido	50	49	6	5	15	15	50	0.0	4
	Exdalemuir	08.1	-4	SE	4	ido	41	39	6	5	08.7	+6	SSE	5	ido	44	43	6	5	3	15	45	0.0	4
	Point of Ayre	06.8	+6	SE	5	dodo	47	45	7	6	07.2	+7	S	5	RR	47	47	7	6	2	1	50	0.0	4
	Three	95.6	-26	S	5	ido	50	49	4	6	01.4	+26	SW	4	mo	47	41	6	5	10	1	50	0.0	6
	Benbecula	95.2	-24	SSE	5	ido	45	45	6	5	01.3	+26	SW	4	mo	47	43	6	5	10	1	49	0.0	3
	Stornoway	96.6	-24	SSE	5	ido	45	45	6	5	01.3	+26	SW	4	mo	47	43	6	5	10	1	49	0.0	3
	Cape Wrath	97.8	-10	SE	4	c	41	41	6	5	01.8	+22	SSE	5	mo	48	44	6	5	15	2	50	0.0	3
	Dalwhinnie	97.8	-10	SE	4	c	41	41	6	5	01.8	+22	SSE	5	mo	48	44	6	5	15	2	50	0.0	3
	Aberdeen	08.0	-18	SE	5	rr	43	42	5	6	08.5	+2	S	5	mo	45	43	6	6	2	1	45	0.0	11
	Rattray	07.6	-10	S	7	rr	42	40	7	6	06.3	+14	S	8	q	45	42	6	8	1	1	45	0.0	2
	Alness	02.7	-22	SSE	7	ido	43	40	6	6	03.1	+18	SSE	7	mo	46	42	6	5	10	1	47	0.0	2
	Wick	02.7	-22	SSE	7	ido	43	40	6	6	03.1	+18	SSE	7	mo	46	42	6	5	10	1	47	0.0	2
	Hatston	02.9	-16	SE	8	ido	44	41	6	5	03.6	+14	SSE	9	mo	47	43	6	5	10	15	47	0.0	1
	Lerwick	06.8	-10	SSE	9	ido	44	39	6	5	04.3	+4	SSE	9	mo	47	43	6	5	10	15	47	0.0	1
	Blackod Point	06.5	+18	SW	5	cl	46	44	6	6	03.1	+30	SW	1	cl	44	42	6	5	15	2	49	0.0	3
	Malin Head	05.8	-4	S	4	ido	50	46	6	6	02.6	+26	SSW	2	ido	45	43	6	5	2	1	50	0.0	4



**STATION MODEL**

High Cloud

Medium cloud

Temperature °F

Present weather

Visibility

Dew Point °F

Low cloud

Amount of Low cloud

Total Amount of cloud.

Wind

Barometer mb.

Bar. change in past 3 hours in tenths mbs.

Weather in past hour

Past weather

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

Scale 1. : 5,000,000

LOW

1004

1006

5°W

0°

60

[illegible]

Saturday 4th January

1947

Day 09h-18h Kensington, 09h-21h at other stations.											
Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	13h	24h
				Max.	Min.					%	%
				" F.	" F.	" F.	mm.	mm.		Yesterday	To- day
Kew ...	...	...	...	44	35	31	Tr	Tr	0.8	*	*
Croydon ...	bcmo	cdmo	emo	44	35	31	-	-	9.3	86	80
Greenwich ...	bcemo	czmo	cbmo	44	33	28	-	Tr	2.7	86	89
Westminster	bc	c	cbcx		38	31	-	-	*	83	91
Regents Park	*	*	*	45	36	31	-	-	*	79	88
Camden Square			*						*	*	90
Kensington ...	c	c	*	44	30	29	-	-	*	*	90
Hampstead ...	bcc e	cbc	*	45	35	30	Tr	Tr	*	95	90
	bccot	o	o	43	34	29	0.2	-	*	*	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
 Kew 24 hours ended 6h. Max 10.1. Threshold 26. per 1000 ft.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 10.1. Total of 2 periods

HMSO, Dress, M.O. Democratic



# GENERAL INFERENCE

1947  
morning  
A trough of low pressure from Northeast Scotland to Southwest England will slowly west though it will be almost stationary for some time in the North. Over England weather will be fair with cloud decreasing to small amount later to-day and night in the Midlands, East and Southeast. In Scotland, North Ireland, Wales and West England it will be dull with occasional rain but fair conditions will spread into Wales, Southwest England and Southeast Scotland. It will be cold over most of England becoming very cold in the Midlands, East and Southeast with hard frost during the night. In Southwest England, Wales, North Ireland and Scotland it will be very cold.

# FURTHER OUTLOOK

Similar.

▼ Gale warning in operation in districts 5, 6, 7, 8 and 16.  
Issued at 1630 GMT, 2nd Jan. 1947  
+ 10, 11, and 15.  
Issued at 0125 GMT, 3rd Jan. 1947

## Chart of Weather in the Northern Hemisphere.





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

Saturday 4<sup>th</sup> January 1947  
No 31089

[illegible]

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

\* Information not usually received.

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



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

## OBSERVATIONS at 18h. GMT 4th January

## OBSERVATIONS during DAY

Temperature		Barom.		Wind.		Cloud.		Height of Base		Barom.		Wind.		Cloud.		Height of Base		Weather.		Max. Temp.		Sunshine		Rain	
at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea	
at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea		at Sea	
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CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30)

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

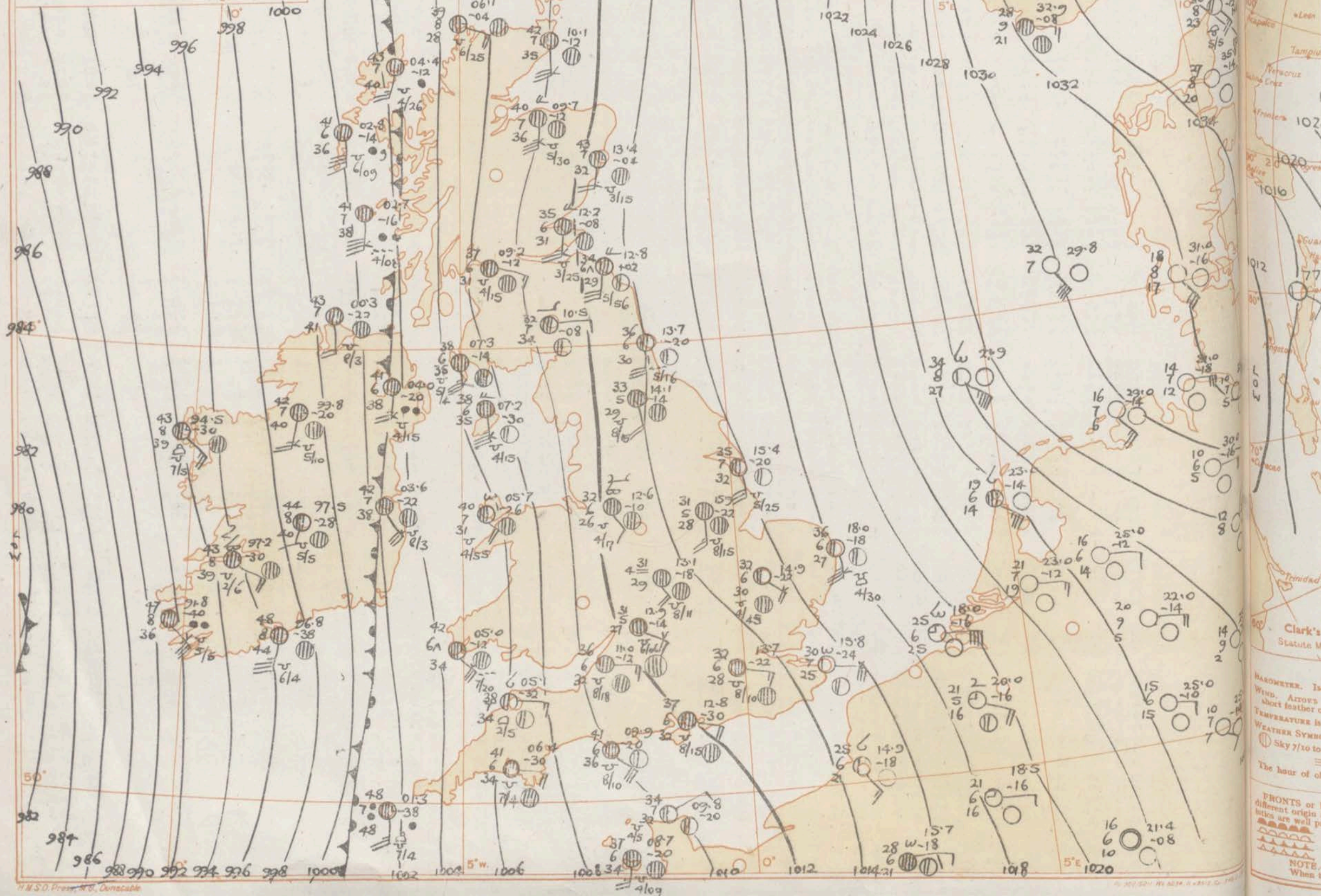
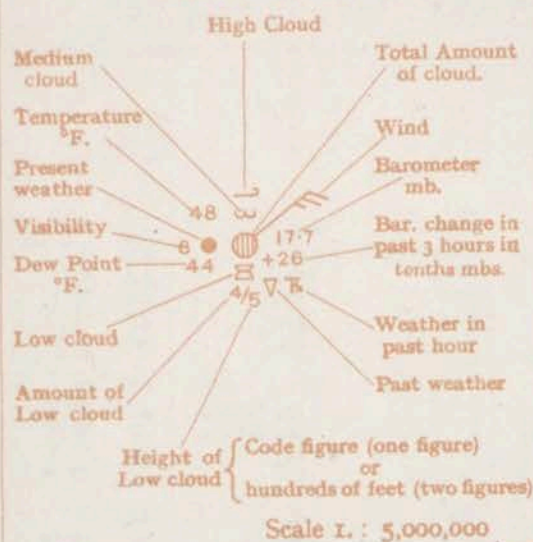
y received = Nil    2 = 1/10    4 = 1/10    6 = 1/10    8 = Completely covered.  
 y gives = Trace    3 = 1/4    5 = 1/10    7 = More than 9 but with openings.    9 = Sky obscured by fog, etc.

A = Lowest cloud present.  
B = Next lowest cloud. † See footnote p. 4.

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



# STATION MODEL



Pressure trough of there will south west England somewhere it will be of England

Clark's Statute M  
BAROMETER. IN  
WIND. ABOVE  
short feather of  
TEMPERATURE IS  
WEATHER SYMBOL  
Sky 7/10 to  
The hour of ob  
FRONTS or I  
different origin  
lities are well p  
NOTE  
When t



# GENERAL INFERENCE

Pressure is high on the Continent and low on the Atlantic, and a rough of low pressure is approaching our Southwestern districts, here will be occasional rain in Ireland, especially in the southwest. There will be occasional rain in extreme Southwest England, and possibly occasional rain, sleet or snow later elsewhere. Strong to gale southeasterly wind will occur generally. It will be very cold with frost night and day over much of England and South Scotland.

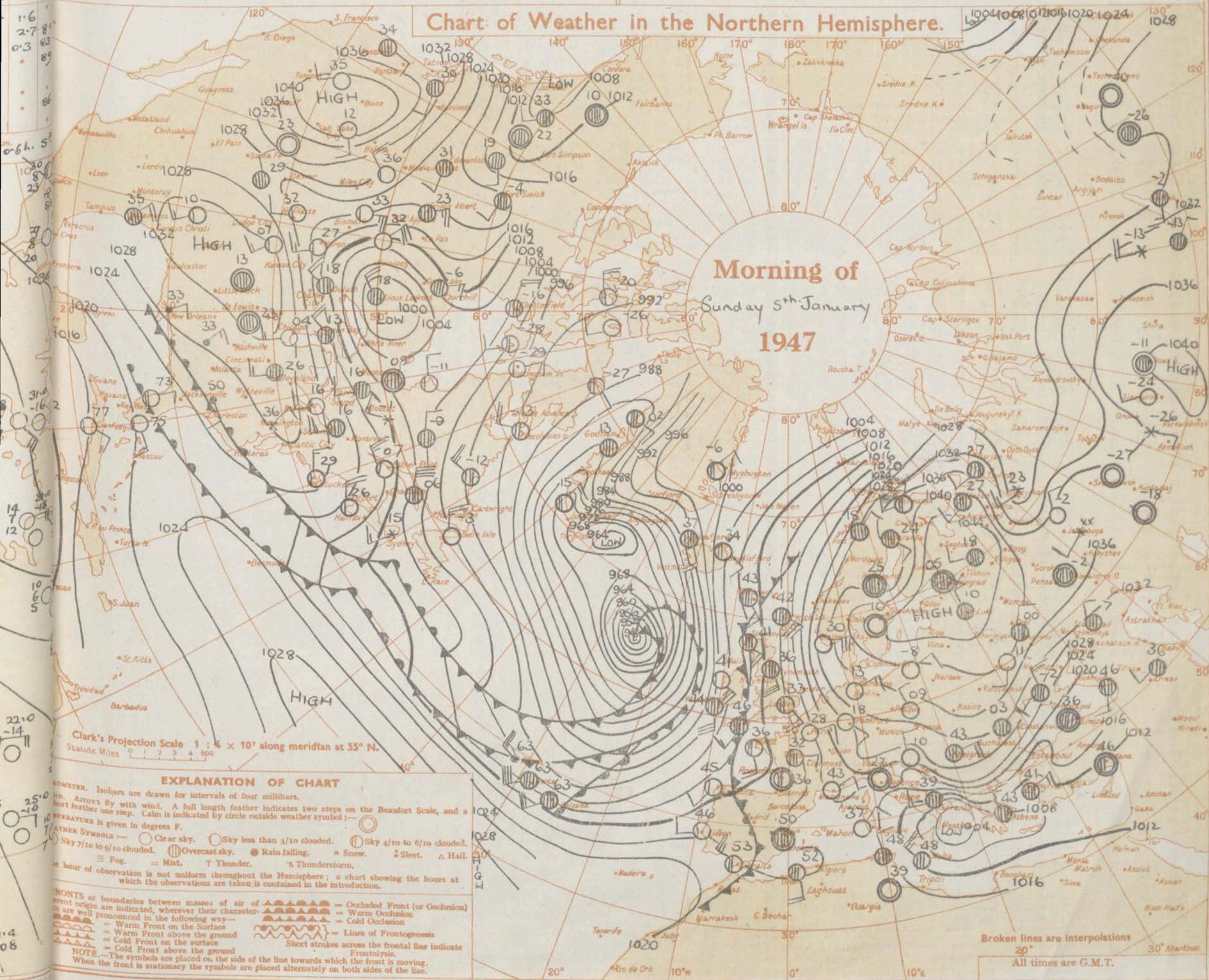
# FURTHER OUTLOOK

Very cold. Fair in northern and central districts. Possibility of snow in the South.

▼ Gale warning in operation in districts 5, 6, 7, 8, 11, 12, 13A, 13B, 15, 16, 17, 18 and in districts 1, 2, and 10. Issued at 0400 and 1115 G.M.T. respectively

# Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 5<sup>th</sup> January  
1947





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Sunday 5<sup>th</sup> January 1947  
No. 31090OBSERVATIONS at 00hr. G.M.T. 5<sup>th</sup> JanuaryOBSERVATIONS at 06hr. G.M.T. 5<sup>th</sup> January

OBSERVATIONS during NIGHT

District.	STATIONS.	Height above M.S.L. in feet.	OBSERVATIONS at 00hr. G.M.T. 5 <sup>th</sup> January										OBSERVATIONS at 06hr. G.M.T. 5 <sup>th</sup> January										OBSERVATIONS during NIGHT									
			Barom.		Wind.		Temp.		Dew Point		Cloud.		Barom.		Wind.		Temp.		Dew Point		Cloud.		Weather.		Temperature		Rain.					
			Change in hours.		Force		°F.		°F.		Form.		Change in hours.		Force		°F.		°F.		Form.		1st. - 00h.		21h. - 00h.							
			(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)			
1	Kew	16	17.3	-10	ESE	4	33	29	6	3	2	13	13.1	-18	ESE	4	32	28	5	3	2	13	13.1	-18	ESE	4	32	28				
	Croydon	217	17.3	-10	ESE	4	33	29	6	3	2	13	13.1	-18	ESE	4	32	28	5	3	2	13	13.1	-18	ESE	4	32	28				
	S. Farnborough	226	16.9	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Boscombe Down	417	15.5	-10	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Calshot	8	15.4	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
2	Tangmere	53	16.3	-10	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Lymington	341	18.5	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Manston	140	19.5	-18	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Boxted	165	19.2	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Felixstowe	10	19.3	-12	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
3	Gorleston	5	20.7	-12	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Mildenhall	15	18.1	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	West Raynham	250	19.1	-8	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Waddington	235	19.0	-6	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Cranfield	340	18.3	-4	S	4	33	29	6	3	2	13	13.1	-18	SSE	4	32	28	5	3	2	13	13.1	-18	SSE	4	32	28				
4	Honiley	427	16.1	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Little Rissington	731	16.2	-14	ESE	4	33	29	6	3	2	13	13.1	-18	ESE	4	32	28	5	3	2	13	13.1	-18	ESE	4	32	28				
	Defford	58	15.5	-12	ESE	4	33	29	6	3	2	13	13.1	-18	ESE	4	32	28	5	3	2	13	13.1	-18	ESE	4	32	28				
	Bristol	200	14.1	-18	ESE	4	33	29	6	3	2	13	13.1	-18	ESE	4	32	28	5	3	2	13	13.1	-18	ESE	4	32	28				
	Hartland Point	209	19.6	-8	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
5	Yeovilton	50	19.6	-8	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Portland Bill	32	12.0	-12	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Exeter	100	13.1	-8	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Plymouth	86	10.8	-18	ESE	4	33	29	6	3	2	13	13.1	-18	ESE	4	32	28	5	3	2	13	13.1	-18	ESE	4	32	28				
	St. Eval	345	09.1	-16	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
6	Predannack	293	09.1	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Guernsey	340	12.4	-18	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Scilly, St. Marys	163	07.3	-24	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26		
	Fairwood	268	11.0	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Pembroke	142	08.6	-20	S	4	33	29	6	3	2	13	13.1	-18	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26			
7	Aberporth	425	09.7	-18	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26		
	Pearchos	63	09.7	-18	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26		
	Holyhead (Valley)	32	09.9	-14	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Hawarden	15	10.3	-10	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Manchester	230	10.5	-8	SSE	4	33	29	6	3	2	13	13.1	-18	SSE	4	32	28	5	3	2	13	13.1	-18	SSE	4	32	28				
8	Squires Gate	33	12.4	-18	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Carlisle	100	12.4	-18	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Ashbourne	590	17.2	-12	SE	4	33	29	6	3	2	13	13.1	-18	SE	4	32	28	5	3	2	13	13.1	-18	SE	4	32	28				
	Finnigley	28	18.1	-12	SSE	4	33	29	6	3	2	13	13.1	-18	SSE	4	32	28	5	3	2	13	13.1	-18	SSE	4	32	28				
	Spurn Head	29	18.1	-12	SSE	4	33	29	6	3	2	13	13.1	-18	SSE	4	32	28	5	3	2	13	13.1	-18	SSE	4	32	28				
9	Leeming	105	17.0	-10	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26	6	5	2	8	10	09.2	-14	SSE	3	37	26		
	Tynemouth	108	16.8	-8	SSE	5	36	23	6	5	2	8	10	09.2	-14	SSE	5	36	23	6	5	2	8	10	09.2	-14	SSE	5	36	23		
	Acklington	138	17.0	-6	SSE	4	33	29	6	3	2	13	13.1	-18	SSE	4	32															



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

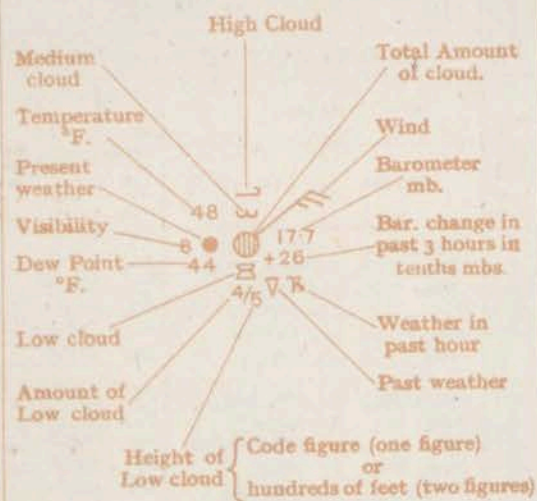
OBSERVATIONS at 18h. G.M.T. 5th January.

OBSERVATIONS during DAY

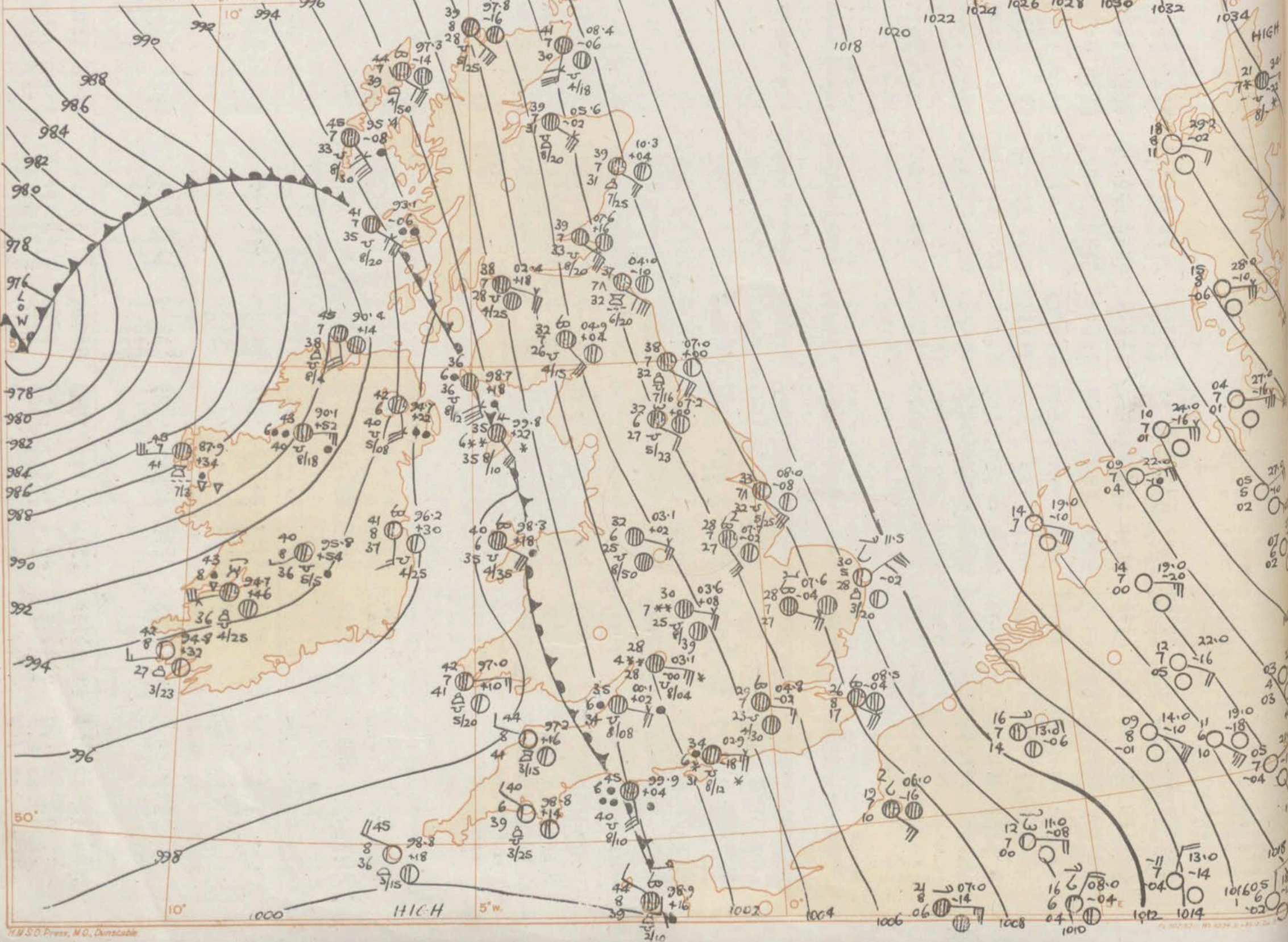
NIGHT	Station.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility	Cloud.				Height of Base Hundredths of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility	Cloud.				Height of Base Hundredths of feet.	State of Ground.	Weather.		Max. Temp. of day. (°F.)	Sun- shine Hrs. (°F.)	Rain- fall. inches. (°F.)								
				Dir.	Force.				Low.	Med.	High.	Total.				A.	B.				Low.	Med.	High.	Total.								A.	B.						
																																		Form.	Amount.	Form.	Amount.	Form.	Amount.
28	Kew	10.1	-20	ESE	2	m	35	31	4	8	8	28	06.9	-10	ESE	4	m	36	30	6	5	7	7	25	1	cm, cm	cm, cm	37	0.0	-									
29	Croydon	10.2	-24	ESE	4	m	35	32	5	6	6	15	40	07.1	-14	E	4	m	35	30	5	5	2	2	40	0	cm	cm	37	0.0	-								
29	S. Farborough	09.0	-26	ESE	4	m	34	31	5	6	6	15	40	05.7	-18	ESE	4	m	37	34	5	5	2	2	40	0	cm	cm	39	0.0	-								
29	Boscombe Down	07.2	-28	ESE	5	m	39	37	6	5	5	7	15	03.2	-22	SE	5	m	39	36	6	5	7	8	15	25	1	cm	cm	40	0.0	-							
29	Calshot	06.5	-22	SE	6	m	41	39	6	5	5	8	15	03.7	-22	SE	8	m	42	38	6	5	3	7	4	5	20	40	0	cm	cm	42	0.0	-					
29	Tangmere	08.9	-26	SSE	6	m	41	36	6	5	5	7	15	05.7	-18	SE	6	m	40	35	6	5	8	8	20	1	cm	cm	41	0.0	-								
26	Lymington	12.2	-22	SE	4	m	35	31	6	5	7	7	10	09.8	-8	ESE	5	m	33	29	6	5	3	1	18	1	cm, cm	cm, cm	37	0.0	-								
27	Manston	13.9	-12	SE	5	bc	34	31	7	5	3	2	4	11.3	-12	SE	6	b	35	29	7	5	2	2	3	3	3	bc	bc	36	0.0	-							
27	Boxed	12.7	-22	SE	3	m	35	30	6	5	3	1	3	10.3	-6	SW	5	m	35	29	6	5	2	3	3	3	3	cm	cm	36	0.0	-							
27	Felixstowe	13.4	-20	SE	6	m	36	30	6	5	3	1	3	11.0	-12	SE	7	z	37	30	6	5	2	5	5	190	0	bc	bc	38	0.0	-							
27	Gorleston	15.5	-14	SE	7	z	35	28	6	5	1	8	4	13.5	-6	SE	7	z	38	29	6	2	4	5	4	20	72	0	bc	bc	38	0.0	-						
22	Mildenhall	12.4	-18	ESE	5	m	35	30	6	5	1	6	4	09.5	-14	ESE	5	m	34	31	6	5	2	3	3	1	cm	cm	35	0.0	-								
27	West Raynham	12.9	-22	SE	4	bc	33	30	7	1	1	2	4	10.8	-6	ESE	4	m	32	29	6	5	2	5	5	3	3	bc	bc	34	0.0	-							
27	Waddington	12.6	-20	SE	5	m	33	29	6	5	7	7	15	10.5	-4	SSE	5	m	32	29	5	5	2	3	3	10	3	cm	cm	34	0.0	-							
27	Cranfield	12.0	-20	E	4	m	31	29	5	5	1	8	8	08.7	-14	E	6	m	33	30	4	5	2	2	8	3	cm	cm	34	0.0	-								
25	Honiley	09.5	-20	SE	4	m	30	29	5	5	1	8	8	04.6	-16	SE	5	m	34	32	5	5	7	8	4	1	cm	cm	34	0.0	-								
31	Little Rissington	08.0	-20	ESE	4	m	38	29	4	5	1	8	8	04.4	-22	ESE	5	m	34	32	4	5	9	6	7	4	8	3	om	om	38	0.0	-						
33	Defford	07.8	-26	ENE	4	m	34	31	5	5	1	8	8	01.8	-36	ENE	5	m	38	33	5	5	3	5	3	18	1	om	om	39	0.0	-							
34	Bristol	05.4	-34	ESE	4	m	37	35	5	5	1	7	5	01.1	-22	ESE	5	m	41	38	6	5	8	4	8	13	25	1	cm	cm	42	0.0	-						
34	Hartland Point	08.9	-54	ESE	5	bc	42	36	7	1	5	4	2	23.6	-20	ESE	5	c	45	40	7	5	8	8	1	1	1	bc	bc	45	0.0	-							
37	Portland Bill	06.0	-24	SE	6	m	42	36	6	5	1	8	8	00.8	-46	SE	6	m	46	42	6	5	6	6	10	1	eo	eo	47	0.0	-								
37	Exeter	04.0	-28	SE	5	c	41	34	7	5	1	8	8	97.7	-30	SE	6	c	45	41	7	5	8	8	14	1	c	c	46	0.0	-								
36	Plymouth	01.7	-26	ESE	3	m	41	39	6	5	1	7	7	95.4	-28	SE	5	m	47	44	6	5	8	8	15	1	cm	cm	46	0.0	-								
36	St. Eval	02.8	-34	SE	6	c	40	37	8	7	1	7	7	93.0	-18	SE	6	rr	46	44	6	5	8	8	10	2	bc	bc	46	0.0	-								
24	Predannack	08.7	-26	SE	7	m	45	43	6	5	1	8	8	92.3	-14	SE	8	rr	46	46	6	5	8	8	6	3	bc	bc	49	0.0	-								
24	Guernsey	04.6	-26	SSE	5	m	41	39	6	5	1	8	3	98.9	-24	SE	5	c	44	39	7	5	8	4	8	12	25	1	b	b	45	0.0	-						
31	Scilly, St. Marys	04.4	-42	SSE	6	m	49	45	6	8	2	8	4	88.8	-10	S	8	rr	46	44	6	5	8	8	8	1	1	g	g	49	0.0	-							
31	Fairwood	02.4	-12	SSE	6	m	37	33	6	5	1	8	4	96.5	-20	SE	6	bc	41	38	6	5	5	5	11	25	1	cm	cm	41	0.0	-							
31	Pembroke	00.2	-32	SE	6	q	42	37	6	5	1	7	7	94.3	-32	SE	8	bc	45	40	6	5	5	5	15	2	1	cm	cm	43	0.0	-							
31	Aberperth	01.0	-32	SE	5	bc	44	39	7	5	1	4	2	95.0	-36	SE	6	c	41	34	7	5	7	8	4	5	22	1	bc	bc	43	0.0	-						
29	Pearhos	01.0	-32	SE	5	bc	44	39	7	5	1	4	2	95.0	-36	SE	6	c	41	34	7	5	7	8	4	5	22	1	bc	bc	43	0.0	-						
29	Holyhead (Valley)	01.2	-26	E	3	bc	41	32	7	2	4	3	30	96.9	-18	ESE	4	m	35	32	6	5	4	5	4	2	4	1	bc	bc	44	0.0	-						
29	Harwarden	08.9	-18	SE	4	bc	32	30	5	5	1	8	7	04.5	-22	ESE	5	m	36	30	5	5	5	5	4	5	1	cm	cm	38	0.0	-							
29	Manchester	09.0	-18	SE	4	m	33	27	6	5	1	7	2	03.7	-18	SE	6	m	37	32	5	5	7	7	20	0	bc	bc	37	0.0	-								
29	Squires Gate	09.0	-18	SSE	6	m	33	31	5	5	1	8	4	04.1	-16	SE	4	m	37	33	6	4	4	5	4	3	20	1	bc	bc	37	0.0	-						
29	Carlisle	07.8	-18	ESE	4	m	35	31	6	2	3	5	2	18	-	-	-	-	-	-	-	-	-	-	-	-	1	bc	bc	37	0.0	-							
29	Ashbourne	11.9	-18	SSE	3	m	32	30	6	5	1	8	8	07.4	-16	SE	5	m	34	31	6	5	6	6	30	0	cm	cm	35	0.0	-								
29	Finningley	12.4	-16	SE	6	bc	36	33	7	5	1	4	4	10.0	-8	SE	6	bc	37	34	7	5	4	4	30	0	bc	bc	38	0.0	-								



## STATION MODEL



Scale 1 : 5,000,000





# GENERAL INFERENCE

Pressure is high to the East, while a trough of low pressure over Southwestern districts is becoming almost stationary. There will be occasional show, mostly slight in eastern districts while in the West there will be bright periods and occasional showers at first, but later further rain will spread from the West. Winds will be South easterly, fresh or strong in the East reaching gale locally on the coast at first, but in the West winds will be light westerly at first but later will back southerly and freshen. It will be very cold in the East with frost day or night over much of the Eastern half of England, but in the West it will be rather cold.

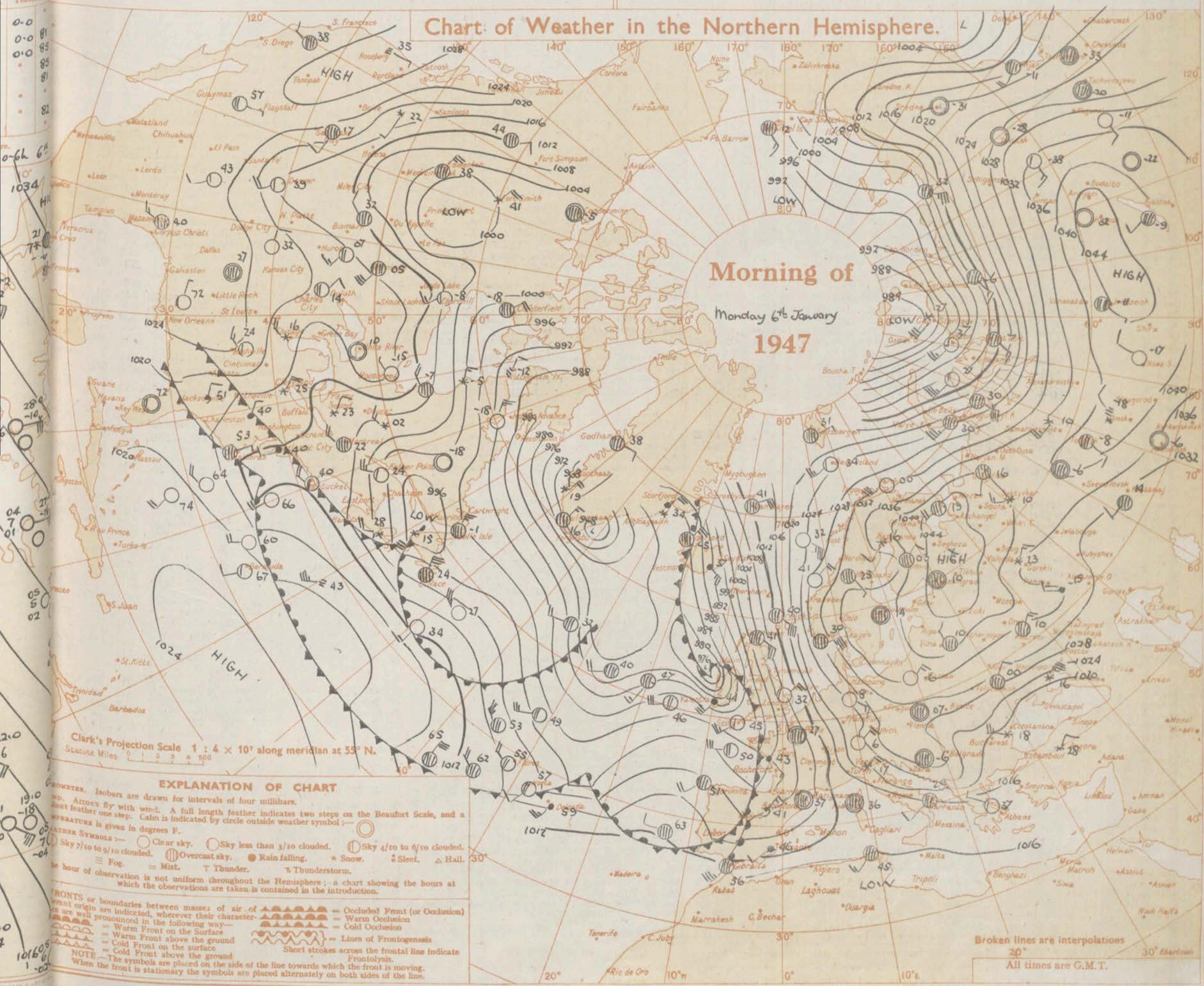
# FURTHER OUTLOOK

Continuing very cold in the East, further rain in the West.

↓ Gale warning in operation in districts 5, 6, 7, 8, 13A, 13B, 15, 16, 17, 18; and districts 1, 2, 10, 11. Issued at 0400 and 1115 GMT. 5th January 1947.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 6th January  
1947



## 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, ⚡ Steel, ⚡ Hall, ☁ Fog, ☁ Mist, ☁ Thunderstorm.

**FRONTS** or boundaries between masses of air of different temperature and humidity 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 during NIGHT

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



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

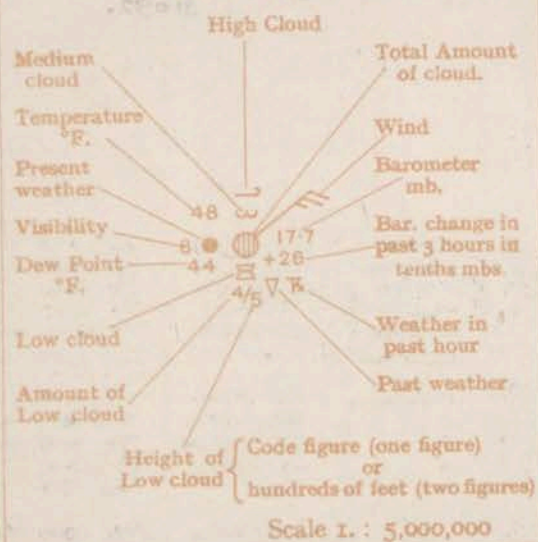
OBSERVATIONS at 18h. G.M.T. 6th January.

OBSERVATIONS during DAY

Temperature at height.	Stations.	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. °F.	Sun- shine Hrs.	Rain °F.					
				Dir.	Force.				Low.	Med.	High.	Total.					A.	B.				Low.	Med.	High.	Total.				A.	B.				A.	B.	A.	B.	
(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)		
28	Kew	06.3	+4	E	3	SS	28	24	4	2	1	8	21	1	08.1	+8	ESE	3	Mo	25	25	5	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
28	Croydon	06.9	+8	EIS	3	SS	27	24	4	2	1	8	21	1	08.4	+5	E	2	M	28	26	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
28	S. Farnborough	05.8	+4	ESE	4	SS	28	28	5	5	1	8	21	1	07.7	+8	EIS	2	M	29	27	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
30	Boscombe Down	05.5	+24	E	4	Mo	31	30	5	5	2	8	21	1	06.9	+14	E	5	CF	31	27	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
36	Calshot	04.0	+6	ESE	6	Mo	39	38	5	5	2	8	21	1	06.5	+14	E	5	Mo	37	36	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
32	Tangmere	05.0	+6	E	4	C/S	34	33	6	5	1	8	21	1	07.0	+10	NE	3	Mo	34	33	5	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
32	Lymington	08.0	+2	ESE	3	C	26	18	7	7	7	8	5	8	09.3	+12	ESE	3	SS	25	23	5	1	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
32	Manston	08.4	-8	ESE	6	C	27	22	8	7	7	8	5	8	09.8	+10	SE	4	SS	26	26	6	6	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
26	Boston	08.8	-4	ESE	4	C	27	17	7	7	7	8	5	8	09.7	+6	ESE	3	SS	28	27	6	6	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
27	Felixstowe	09.5	-2	SE	6	C	28	20	7	7	7	8	5	8	09.9	+6	SE	5	Mo	31	26	6	6	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
26	Gorleston	11.3	0	SE	8	bc	30	29	7	2	9	2	4	20	10.7	+2	SE	7	Mo	32	24	6	6	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
25	Mildenhall	08.2	-4	ESE	5	C	28	28	7	7	7	8	5	8	09.2	+6	ESE	3	SS	28	26	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
23	West Raynham	09.5	-2	SE	4	C	27	23	7	7	7	8	5	8	10.1	+6	SE	3	Mo	27	26	6	6	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
24	Waddington	08.6	+2	SE	6	Mo	28	21	6	7	7	8	5	8	09.7	+10	SE	4	Mo	25	24	5	5	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
25	Cranfield	07.0	+4	E	4	SS	24	23	4	5	2	8	5	8	08.6	+10	E	4	Mo	25	24	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
25	Honiley	06.3	+10	ESE	4	SS	25	25	3	5	2	8	5	8	07.8	+8	ESE	3	CF	26	24	3	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
24	Little Rissington	05.8	+10	E	4	SS	24	24	4	5	2	8	5	8	07.8	+12	E	3	M	23	23	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
27	Defford	06.1	+10	NE	3	SS	27	25	5	5	2	8	5	8	07.8	+12	NE	2	Mo	27	24	5	5	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
31	Bristol	04.2	+30	E	2	Mo	32	30	6	5	2	8	5	8	06.7	+8	NE	1	Mo	30	30	3	5	2	8	8	21	1	8	8	21	1	8	8	21	1	8	
27	Hartland Point	01.7	+6	WNW	2	bc	43	37	8	5	4	3	2	12	01.4	+6	S	2	C	39	34	8	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
27	Yeovilton	02.5	+22	E/S	2	Mo	39	37	6	5	4	3	2	12	05.6	+16	ENE	1	M	37	37	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
31	Portland Bill	03.4	+28	WN	2	Mo	47	43	6	5	4	4	2	20	04.6	+6	E/H	2	bc	43	38	6	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
31	Exeter	03.0	+22	NE	2	Mo	40	38	5	5	4	4	2	20	05.2	+12	-	0	M	37	36	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
31	Plymouth	03.2	+12	NW	1	Mo	45	38	5	5	4	4	2	25	04.7	+6	-	0	M	42	38	4	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
31	St. Eval	03.2	+10	WSW	2	bc	47	37	2	4	5	4	2	25	04.4	+8	SSW	1	bc	40	36	8	4	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
36	Predannack	03.6	+24	NW	2	bc	49	40	2	4	5	4	2	20	04.0	+8	SSW	1	bc	46	39	8	4	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
36	Guernsey	04.0	+14	W	3	bc	48	35	8	2	1	3	2	12	06.5	+18	W/S	1	bc	42	37	8	2	6	3	1	12	25	1	8	8	21	1	8	8	21	1	8
35	Scilly, St. Marys	02.9	+10	SW	4	bc	47	38	8	8	4	2	18	57	02.3	-2	SW	4	bc	45	35	8	8	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
37	Fairwood	03.1	+18	ESE	3	Mo	36	33	6	5	1	7	2	20	04.9	+6	ESE	2	Mo	34	32	5	5	1	8	8	21	1	8	8	21	1	8	8	21	1	8	
32	Pembroke	02.2	+20	SE	3	Mo	41	41	6	7	7	3	15	15	03.2	+6	SE	2	Mo	41	39	6	5	4	8	8	21	1	8	8	21	1	8	8	21	1	8	
32	Aberperth	02.1	+14	SW	4	bc	38	35	7	8	7	2	4	20	04.0	+10	S	2	Mo	35	32	6	5	4	8	8	21	1	8	8	21	1	8	8	21	1	8	
37	Penrhos																																					
30	Holyhead (Valley)	01.3	+28	ESE	3	C	40	37	7	5	9	td																										



## STATION MODEL

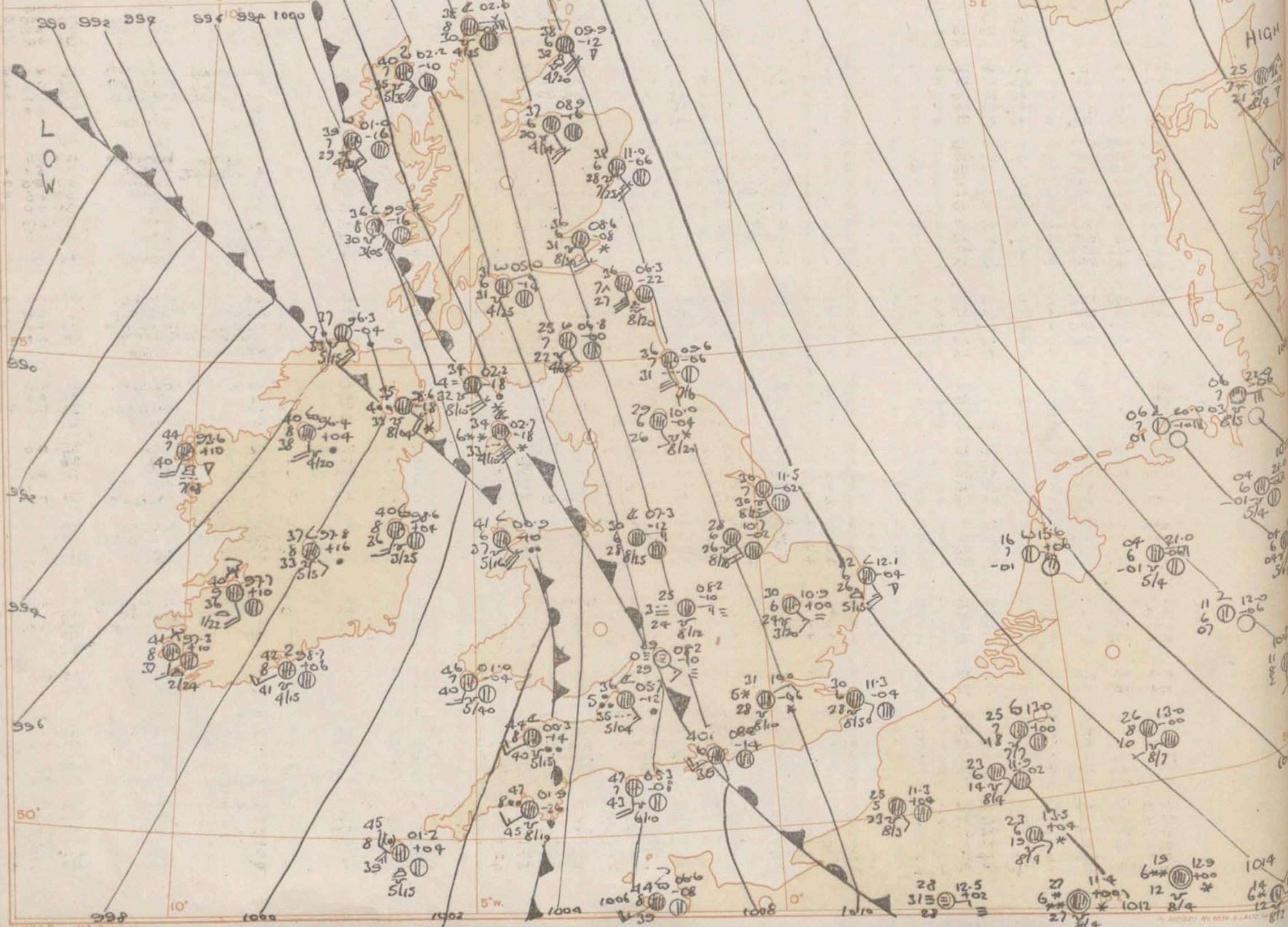
6h Tuesday 7<sup>th</sup> January

1947

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity 15h %
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass °F.	Day mm.	Night mm.		
Kew	CS08	CS08	CS08	30	29	28	2	0.2	0.0	96
Croydon	CS08	CS08	CS08	29	28	27	2	1	0.0	96
Greenwich	CS08	SSC	CS08	28	27	25	4.6	1	0.0	80
Westminster				+	27	26	5.1			97
Regents Park				33	26	26	0.7	T		95
Canlon Square	OS	SO		34	26	27	3.3	T		91
Kensington	OS2	OS2		30	27	27	6.2	1.2		98
Hampstead	OSX	OX	OSX	27	23	21	2.2	-		97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.4 Time 20h Min. 0.1 Time 6h



# GENERAL INFERENCE

Pressure is high on the continent and low on the Atlantic and a trough of low pressure is moving slowly northeast across our Western and Southern districts. It will continue cold over much of Scotland and England, with periods of sleet and snow in many districts, but temperatures will be slightly above the freezing point in many places. Mild conditions in the southwest are spreading slowly northeast across Southeast England and the South and West Midlands. Fog will become increasingly widespread in South and East England and the Midlands.

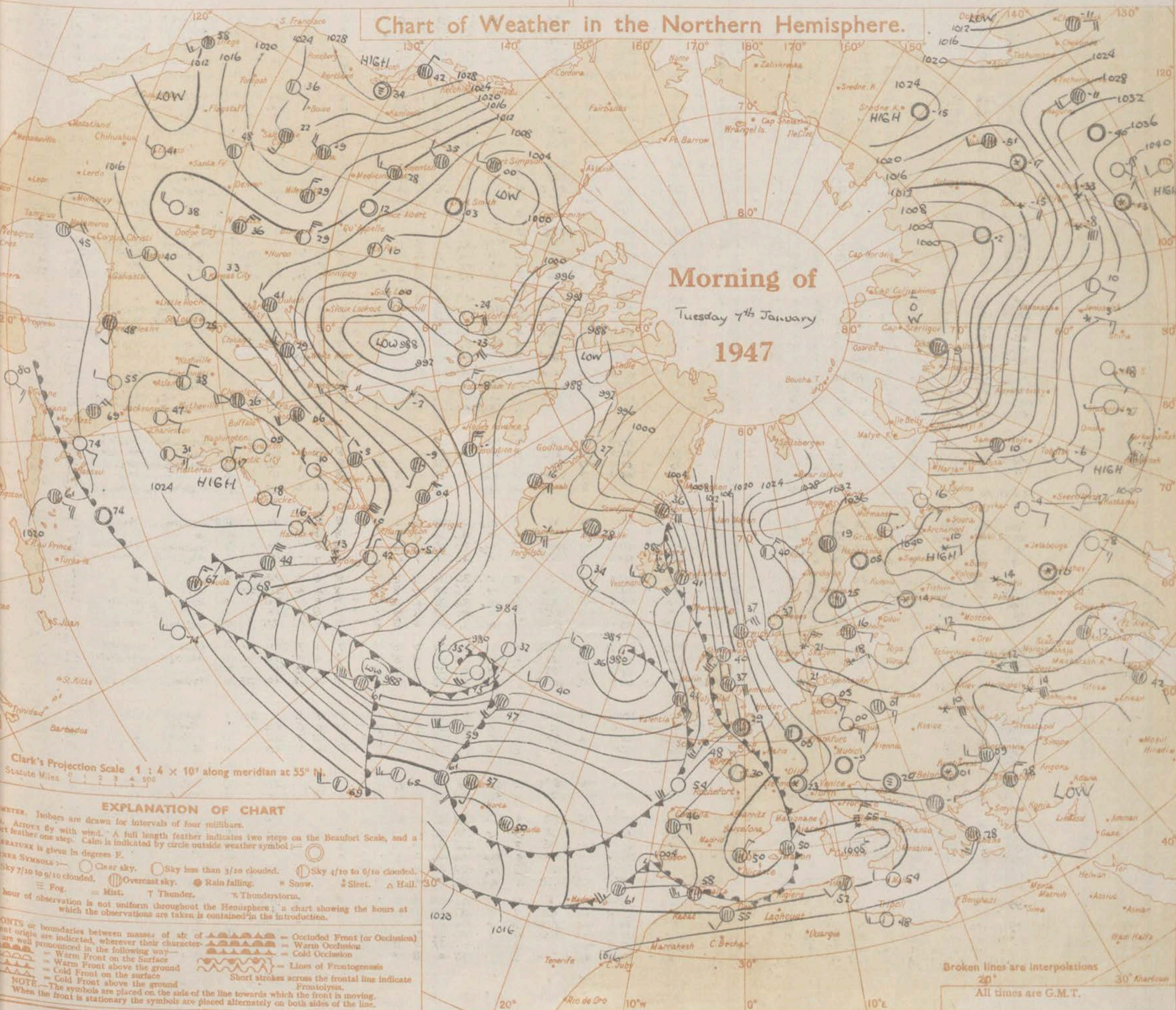
# FURTHER OUTLOOK

Mild conditions continuing to spread northeast but snow at first in the East and north. Mild in West and South, with rain.

Gale warning in operation in areas 16, 15, 14, 13a, 13b, and 12. Issued at 0400 G.M.T. 5th Jan: in area 11. Issued at 1100 G.M.T. 5th Jan. in area 8. Issued at 1630 G.M.T. 5th Jan.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 7th January  
1947





Chapter

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

0 = Nil  
1 = Trac

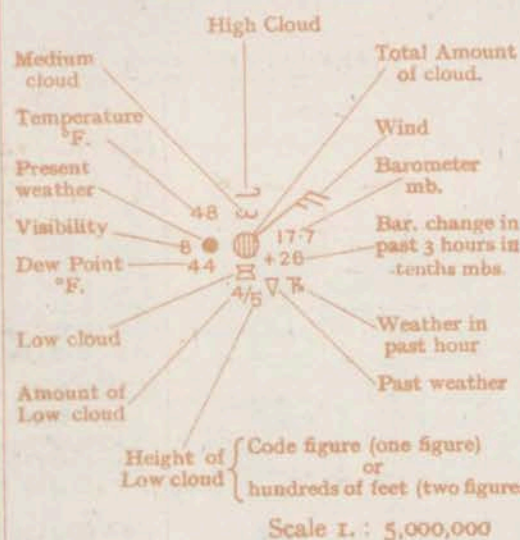


NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

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



# STATION MODEL



Wednesday 8<sup>th</sup> January.

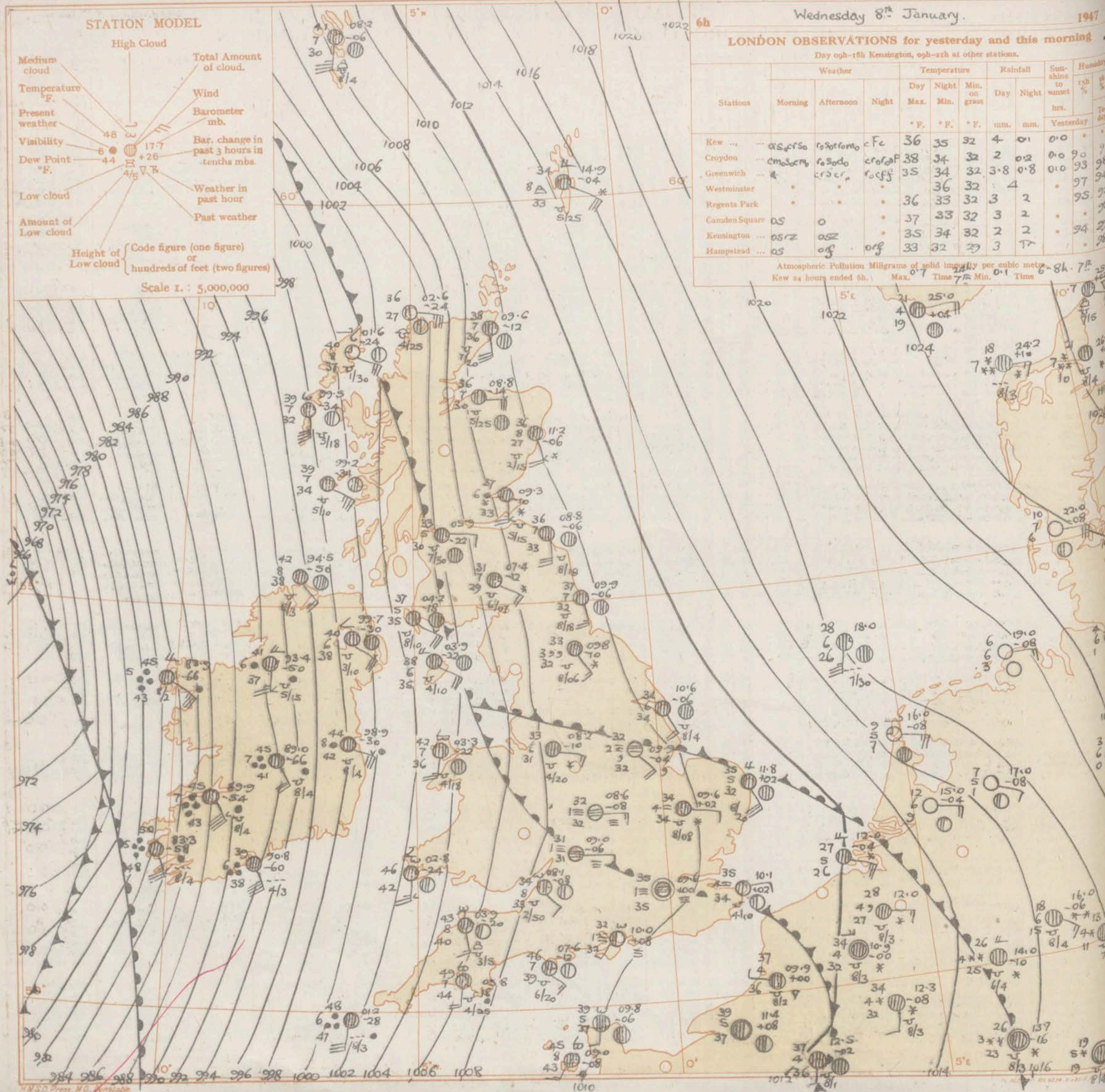
1947

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-22h 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 ...	05/25	05/25	05/25	36	35	32	4	0.1	0.0	90	97
Croydon ...	05/25	05/25	05/25	38	34	32	2	0.2	0.0	93	98
Greenwich ...	05/25	05/25	05/25	35	34	32	3.8	0.8	0.0	97	94
Westminster				36	33	32	3	2		95	95
Regents Park				37	33	32	3	2		94	97
Camden Square	05/25	05/25	05/25	35	34	32	2	2		94	97
Kensington ...	05/25	05/25	05/25	33	32	29	3	1			
Hampstead ...	05/25	05/25	05/25	33	32	29	3	1			

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 6h. Max. 0.7 Time 7<sup>h</sup> Min. 0.1 Time 6-8h. 7<sup>h</sup> 25.0





# GENERAL INFERENCE

A deep depression south of Iceland will move slowly north. Whilst an associated frontal system to the west of the British Isles will move east across the country. There will be considerable areas of mist and fog over Eastern and Central England which will clear slowly from the Southwest. Rain and low cloud in western districts will spread east to all areas but will commence as sleet or snow on high ground in northern districts. These conditions with considerably milder weather will become general in eastern and later in northern districts. Gales will occur at exposed places and will be severe locally especially in the West and North.

# FURTHER OUTLOOK

Unsettled with rain or showers at times in most districts.

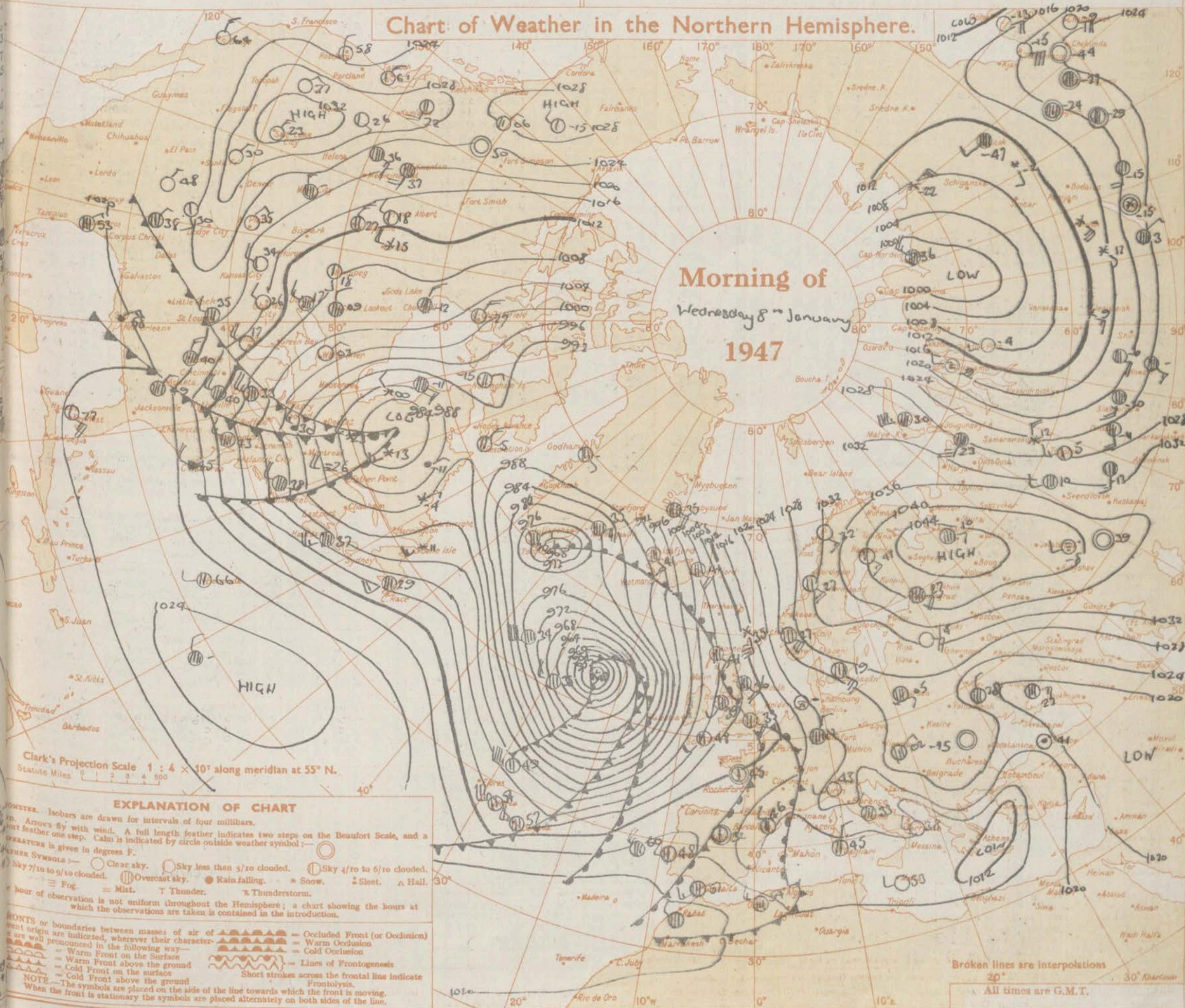
- ↓ Gale warning in operation in districts 16-15-14-North 13a-13b issued at 0400/5/Jan.
- ↓ Gale warning in operation in districts 18-north 17-South 13a-12-7-6-5. Issued at 0500/8/Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 8<sup>th</sup> January

1947





No. 31093

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



## 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)

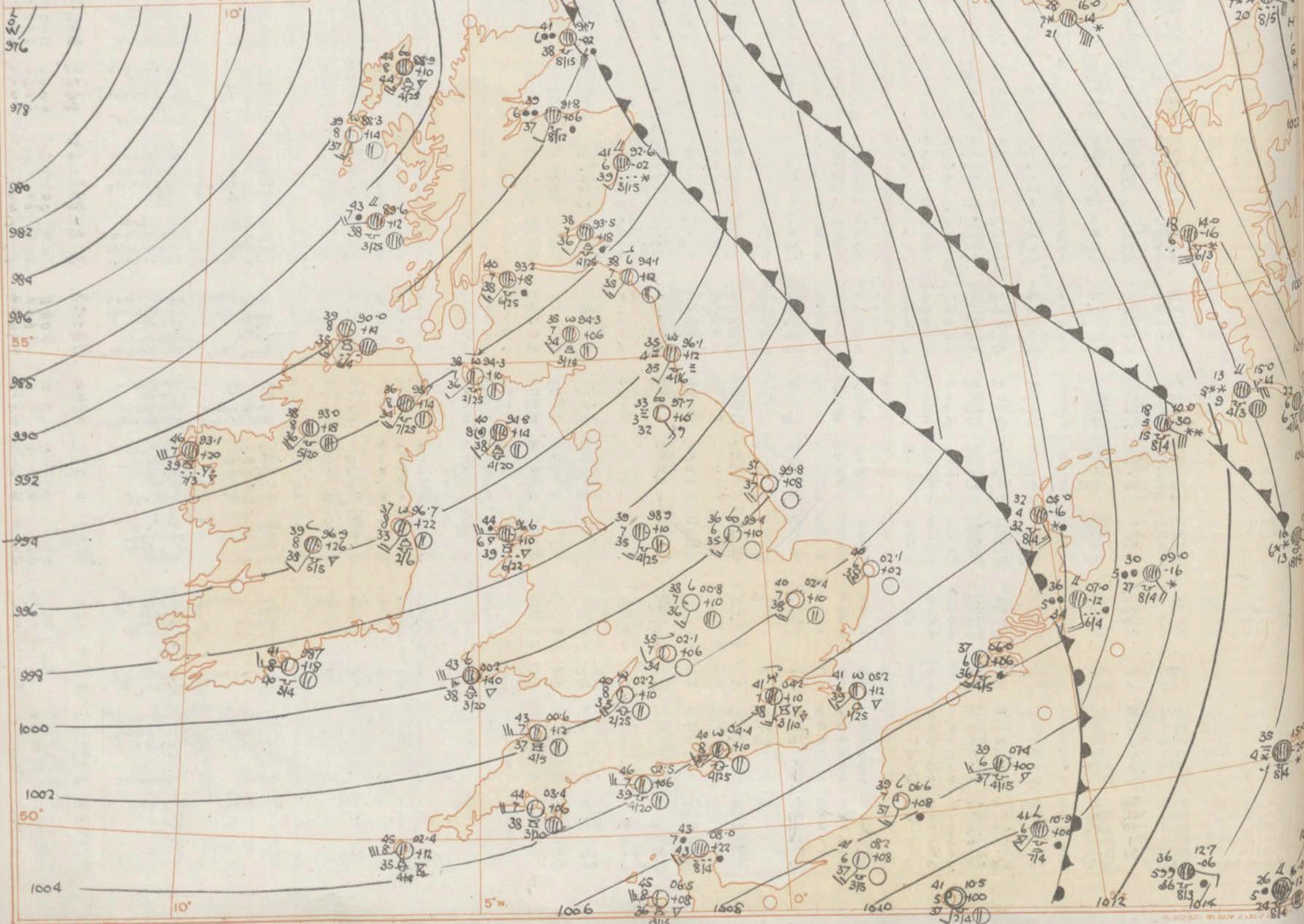
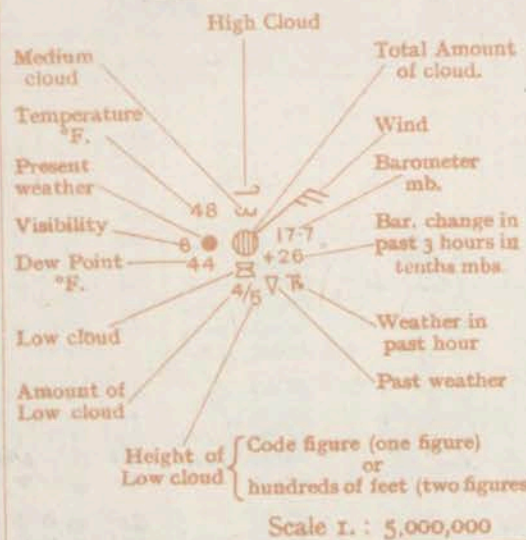
0 = Nil	2 = $\frac{1}{2}$	4 = $\frac{1}{2}$	6 = $\frac{1}{2}$
1 = Trace	3 = $\frac{1}{2}$	5 = $\frac{1}{2}$	7 = More than 9 but with openings.

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

A = Lowest cloud present.  
B = Next lowest cloud. † See footnote p. 4.



# STATION MODEL



6h

Thursday 9th January

1947

## 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. °F.	Min. °F.	Min. on grass °F.	Day mm.	Night mm.		15h %	To-day %
Kew ...	of eef	of or rmo	cl bmo	45	39	32	5	0.4	0.0	92	80
Croydon ...	F of em	cm vrs	cl bmo	44	39	36	8	2	0.0	95	89
Greenwich ...	c fm	cm	r r b r	43	39	31	-	4.3	0.0	94	86
Westminster	.	.	.		37	32	5.3	.	.	91	88
Regents Park	.	.	.	47	36	34	-	5.3	.	91	87
Camden Square	of	o	.	47	36	33	0.5	4.8	.	91	94
Kensington ...	o c z	c z e	.	43	39	32	Tr	6.2	.	.	.
Hampstead ...	.	.	.	.	.	.	.	.	.	.	.

Atmospheric Pollution Milligrams of solid imp. per cubic metre  
Kew 24 hours ended 6h. Max. 0.4 Time 8.4 Min. 0.1 Time 8.4



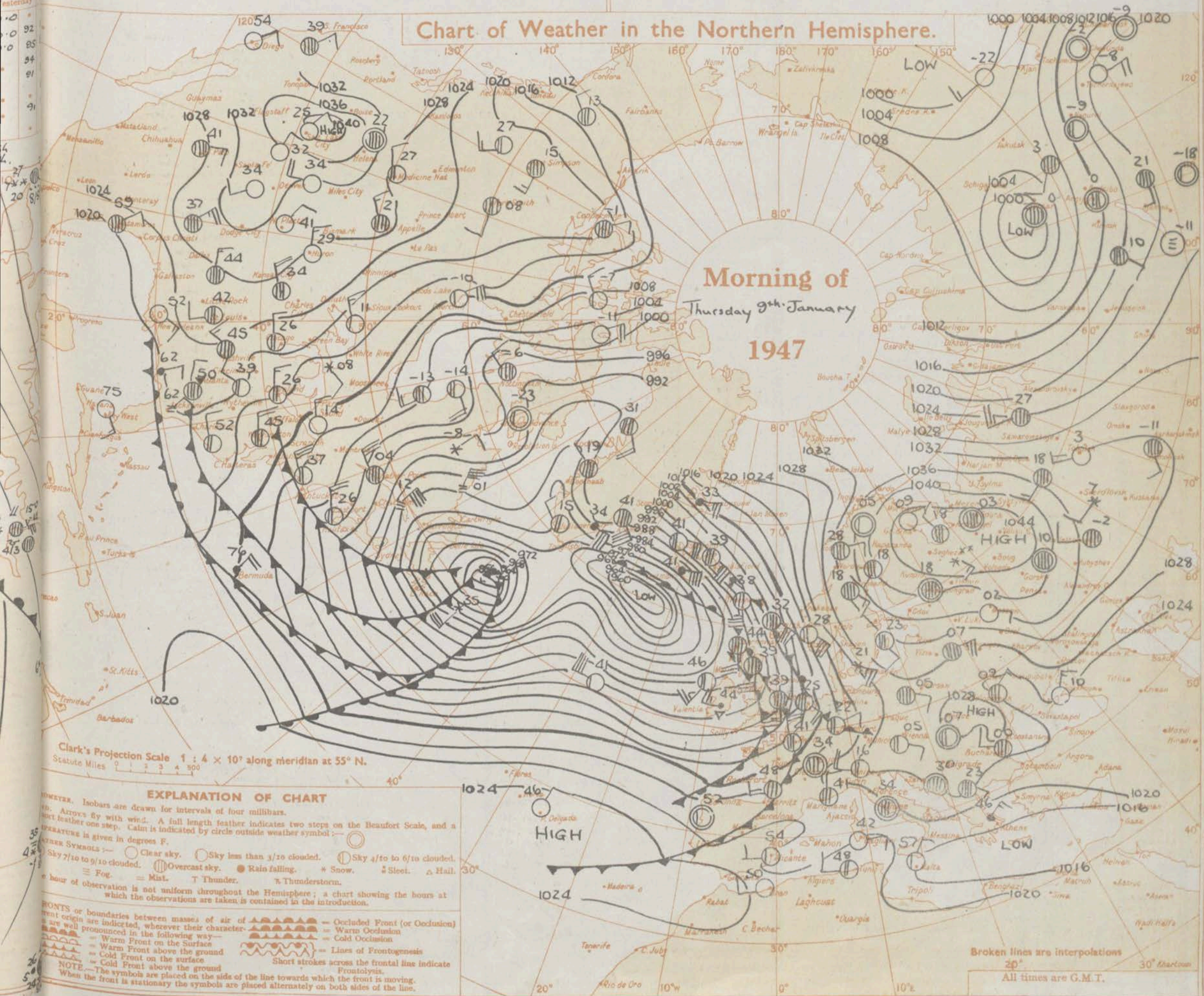
**GENERAL INFERENCE**  
 A frontal trough over the North Sea is moving away eastwards and in unstable westerly airstream flows over the British Isles. Another frontal trough is approaching from the Atlantic. There will be occasional showers with local hail and thunder and bright periods in western districts today. In eastern districts it will be mainly fair or fine. A belt of rain will spread to western districts during tomorrow. It will be rather mild.

**FURTHER OUTLOOK**  
 Rain spreading across the British Isles followed by showers and bright periods in west and mainly fair weather in the east.

↓ Gale warning in operation district 16  
 Issued at 1115 5th January 1947

## Chart of Weather in the Northern Hemisphere.

**Morning of**  
**Thursday 9th January**  
**1947**





[illegible]

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\* Information not usually received.

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



No. 31035.

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



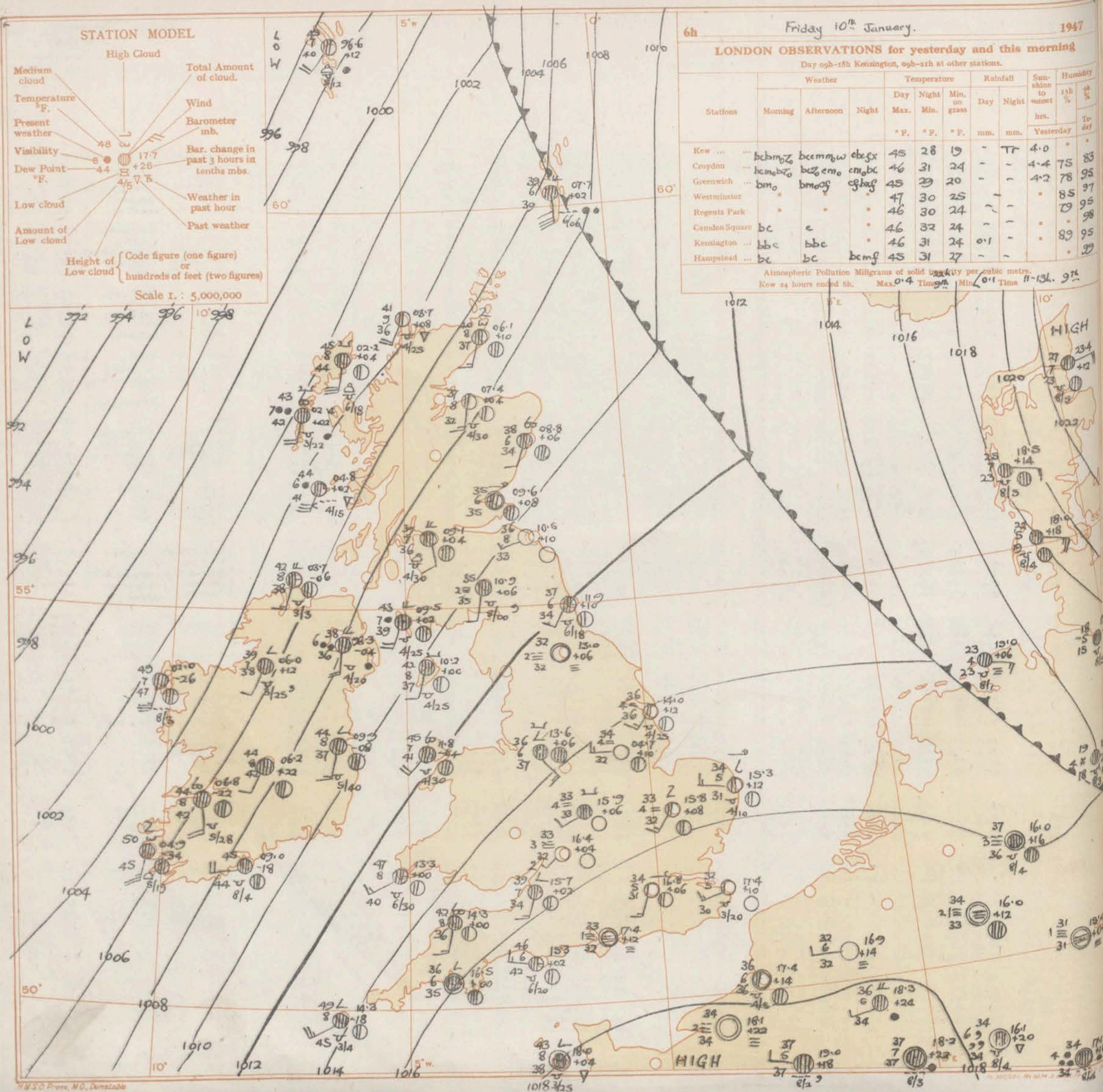
## STATION MODEL

High Cloud  
Medium cloud  
Temperature  
Present weather  
Visibility  
Dew Point  
Low cloud  
Amount of Low cloud

Total Amount of cloud.  
Wind  
Barometer mb.  
Bar. change in past 3 hours in tenths mbs.  
Weather in past hour  
Past weather

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

Scale 1 : 5,000,000



6h

Friday 10<sup>th</sup> January.

1947

## 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	hrs.	Yesterday	15h %	21h %
Kew ...	bcbmz	bcbmz	bcbmz	45	28	19	-	Tr	4.0			
Croydon ...	bcbmz	bcbmz	bcbmz	46	31	24	-	-	4.4	75		83
Greenwich ...	bcbmz	bcbmz	bcbmz	45	29	20	-	-	4.2	78		95
Westminster ...	bcbmz	bcbmz	bcbmz	47	30	25	-	-		85		97
Regents Park ...				46	30	24	-	-		79		98
Camden Square ...	bc	c		46	32	24	-	-				
Kensington ...	bcb	bcb		46	31	24	0.1	-		89		95
Hampstead ...	bc	bc	bcbmz	45	31	27	-	-				99

Atmospheric Pollution Milligrams of solid matter per cubic metre.  
Kew 24 hours ended 6h. Max. 0.4 Time 9h. Min. 0.1 Time 11-12h. 9h.



# GENERAL INFERENCE

Pressure is high over Scandinavia and Spain and low on the North Atlantic. A trough of low pressure will move east across the British Isles. It will be mainly fair at first in the East, but rain in the West will spread to most districts by tomorrow morning, followed in the West by bright periods and showers. Southerly gales, severe locally, will develop in most Western and northern districts later today.

# FURTHER OUTLOOK

Rain spreading from the West, followed in the northwest by showers and bright periods.

↓ Gale warning in operation in district 16. Issued at 1115 G.M.T. 5th Jan. in districts North of 18, North of 17, 13a, 13b, North of 12. Issued at 1510 G.M.T. 9th Jan. in districts South of 18, 16, South of 12, 8, 7, 6, West of 5. Issued at 0905 G.M.T. 10th Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 10th. January  
1947

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

## EXPLANATION OF CHART

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.  
OTHER SYMBOLS: ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☁☁ Sky 4/10 to 6/10 clouded. ☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☔ Rain falling. ❄ Snow. ❄❄ Sleet. ❄❄❄ Hail.  
☁☁☁☁ Fog. ☁☁☁☁ Mist. ☁☁☁☁ Thunder. ☁☁☁☁ Thunderstorm.  
A 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  
20° 30°  
All times are G.M.T.



## OBSERVATIONS during NIGHT

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



## 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)

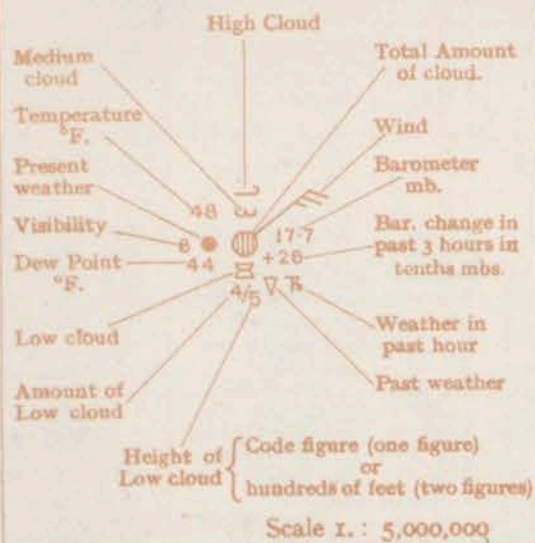
1 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{4}$	6 = $\frac{3}{10}$
3 = $\frac{1}{2}$	5 = $\frac{1}{2}$	7 = More than $\frac{9}{10}$ but with openings.	

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

A = Lowest cloud present.  
B = Next lowest cloud. † See footnote p. 4.



# STATION MODEL



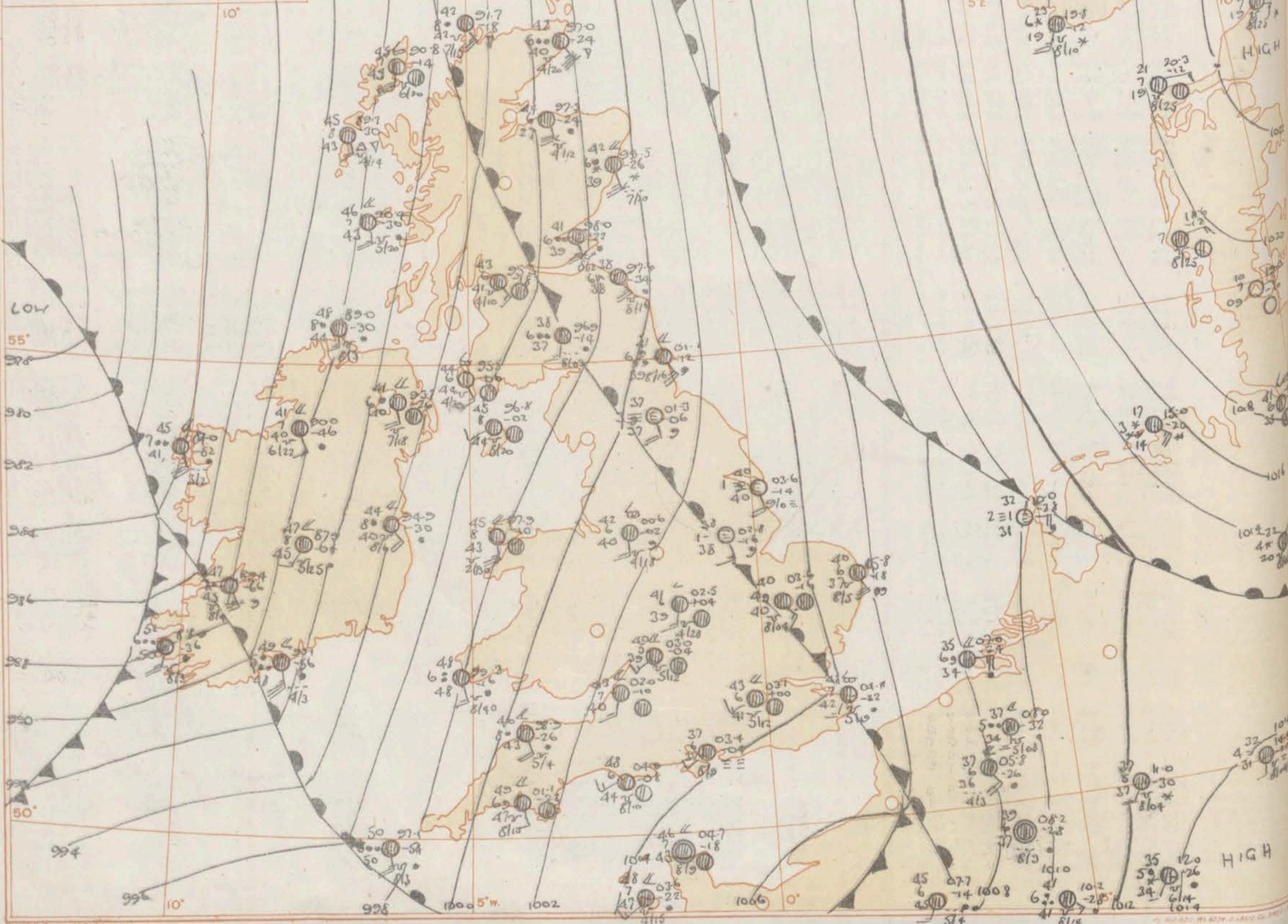
6h Saturday 11<sup>th</sup> January 1947

## 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	Humidity
				Day Max.	Night Min.	Min. on grass	Day	Night		
Kew ...	44	40	32	1	3	0.0	...	...	...	...
Croydon ...	44	35	37	1	3	1.0	...	...	...	...
Greenwich ...	45	40	35	0.5	2.8	0.4	...	...	...	...
Westminster ...	46	37	36	3.6	...	...	...	...	...	...
Regents Park ...	45	40	39	3.3	...	...	...	...	...	...
Camden Square ...	45	34	23	0.8	3.1	...	...	...	...	...
Kensington ...	44	40	36	0.7	3.2	...	...	...	...	...
Hampstead ...	44	40	35	1.7	2.8	...	...	...	...	...

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.4 Time 10.15 Min 0.1 Time 01.45 11.0





### GENERAL INFERENCE

Pressure is low on the Atlantic and high on the continent and troughs of low pressure are moving east across the British Isles. There will be periods of rain in all districts. Fair periods and local showers will spread to western districts later today and it will become fair in most eastern districts tomorrow. Fog will be rather widespread at first in eastern districts of England, and will occur locally tomorrow. Rather mild.

### FURTHER OUTLOOK

Mild period persisting. Probably fair in the East and showery in the West, but a new depression may bring rain to all districts.

↓ Gale warning in operation

in districts 16, Issued at 1115 GMT, 5th Jan.

in districts South of 18, 16, South of 12, 8, 7, 6, West of 5, Issued at 0905 GMT, 10th Jan.

in district 5, North of 18, 13a, 13b, North of 12, Issued at 1510 GMT, 10th Jan.

in districts 14, 11, 10, 9, East of 6, 4, 3, 2, 1, Issued at 1615 GMT, 10th Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 11th January

1947

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

### EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.  
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
TEMPERATURE is given in degrees F.  
WEATHER SYMBOLS: ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. ☕ Snow. ☖ Sleet. ☗ Hail. ☘ Fog. ☙ Mist. ☚ Thunder. ☛ Thunderstorm.  
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

All times are G.M.T.



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

Saturday 11th January 1947

No. 31026

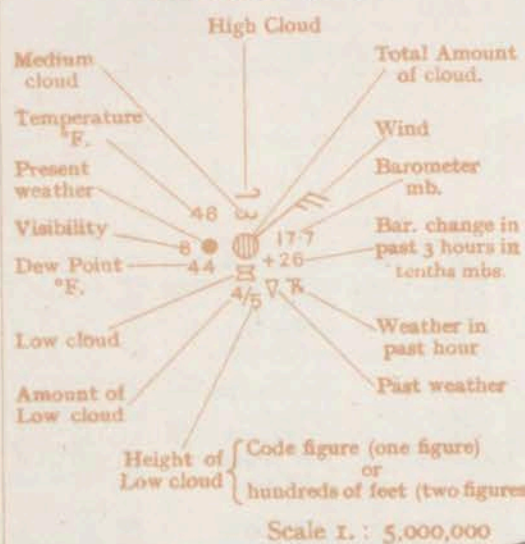
OBSERVATIONS at 00hr. G.M.T. 11th January.																	OBSERVATIONS at 06hr. G.M.T. 11th January.																	OBSERVATIONS during NIGHT				
Dist.	STATIONS.	Height above M.S.L. in feet.	Bar. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (6)	Dew Point (7)	Vis. (8)	Cloud.				Bar. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (26)	Dew Point (27)	Vis. (28)	Cloud.				Bar. at M.S.L. (37)	Change in 3 hours. (38)	Wind.		Temp. (46)	Dew Point (47)	Vis. (48)	Weather.		Temperature		Rain (53)		
					Dir. (3)	Force (4)				Form (9)	Amount (10)	Dir. (19)	Force (20)			Form (29)	Amount (30)				Dir. (39)	Force (40)	rth. - ooh. (49)	ooh. - ooh. (50)			Min. on Grass (51)	Min. on (52)										
																																Low. (11)	Med. (12)	High. (13)	Total (14)		Low. (31)	Med. (32)
1	Kew	16					44							03.9	-2	SW	2	42	41	6					03.9	-2	SW	2	42	41	6	cl. m.	cl. m.	40	33			
	Croydon	217	04.3	-34	SE	3	43	41	7	S	2		03.2	+0.6	WSW	2	43	41	6					03.2	+0.6	WSW	2	43	41	6	cl. m.	cl. m.	38	32				
	S. Farnborough	226	03.6	-30	SSE	3	44	42	5	S	2		03.3	-1.08	SSW	2	40	38	6					03.3	-1.08	SSW	2	40	38	6	cl. m.	cl. m.	39	32				
	Boscombe Down	417	03.7	-14	WSW	3	43	41	7	S	2		03.3	-1.08	SSW	2	40	38	6					03.3	-1.08	SSW	2	40	38	6	cl. m.	cl. m.	39	32				
	Calshot	8	03.8	-22	WNW	3	44	44	6	S	2		03.3	-1.08	S	2	43	41	6					03.3	-1.08	S	2	43	41	6	cl. m.	cl. m.	42	41				
	Tangmere	53	03.3	-46	SW	2	43	42	6	S	2		03.4	-4	SW	2	37	37	6					03.4	-4	SW	2	37	37	6	cl. m.	cl. m.	39	33				
	Lymington	341	07.3	-40	SSE	5	42	42	6	S	2		03.6	-8	SSW	0	40	40	6					03.6	-8	SSW	0	40	40	6	cl. m.	cl. m.	39	33				
	Manston	140	08.9	-34	SSE	5	40	40	6	S	2		03.1	-22	SE	2	40	39	6					03.1	-22	SE	2	40	39	6	cl. m.	cl. m.	39	36				
	Buxted	165	07.3	-30	SE	4	40	40	6	S	2		03.1	-22	SE	2	40	39	6					03.1	-22	SE	2	40	39	6	cl. m.	cl. m.	39	37				
	Felixstowe	10	08.4	-26	SE	5	39	38	6	S	2		03.3	-22	SE	4	40	38	6					03.3	-22	SE	4	40	38	6	cl. m.	cl. m.	39	38				
	Gorleston	5	10.2	-24	SW	5	40	38	6	S	2		03.8	-18	SSE	5	40	38	6					03.8	-18	SSE	5	40	38	6	cl. m.	cl. m.	36	36				
	Mildenhall	13	06.8	-24	SE	4	40	40	6	S	2		03.6	-16	SE	3	40	40	6					03.6	-16	SE	3	40	40	6	cl. m.	cl. m.	39	38				
	West Raynham	250	04.4	-34	SE	4	38	38	6	S	2		03.3	-22	SE	4	38	38	6					03.3	-22	SE	4	38	38	6	cl. m.	cl. m.	37	36				
	Waddington	235	06.2	-22	SSE	4	38	38	6	S	2		02.8	-16	SE	3	38	38	6					02.8	-16	SE	3	38	38	6	cl. m.	cl. m.	34	34				
	Cranfield	340	05.3	-26	S	3	42	41	5	S	2		03.4	-8	SW	1	42	40	3					03.4	-8	SW	1	42	40	3	cl. m.	cl. m.	38	35				
	Honiley	427	03.3	-14	SE	5	42	42	5	S	2		02.5	+4	S	1	41	39	6					02.5	+4	S	1	41	39	6	cl. m.	cl. m.	39	33				
4	Little Rissington	731	03.3	-18	SSE	3	42	42	5	S	2		03.0	-4	SW	3	40	39	5					03.0	-4	SW	3	40	39	5	cl. m.	cl. m.	37	34				
	Defford	58	02.0	-12	SSE	3	45	43	7	S	2		01.9	-2	SE	3	43	40	2					01.9	-2	SE	3	43	40	2	cl. m.	cl. m.	41	37				
5	Bristol	209	02.6	-2	WSW	4	45	43	8	S	2		02.0	-10	S	3	46	43	2					02.0	-10	S	3	46	43	2	cl. m.	cl. m.	45	37				
	Hartland Point	299	13.1	+16	WNW	5	46	42	8	S	2		01.8	-26	SSE	4	46	43	2					01.8	-26	SSE	4	46	43	2	cl. m.	cl. m.	45	30				
	Yeovilton	50																																				
	Portland Bill	32	04.7	-2	W	3	42	42	6	S	2		04.0	-8	WSW	3	48	44	6					04.0	-8	WSW	3	48	44	6	cl. m.	cl. m.	47	37				
	Exeter	100	04.6	+10	WSW	3	46	44	7	S	2		02.0	-46	SSE	2	46	43	6					02.0	-46	SSE	2	46	43	6	cl. m.	cl. m.	41	37				
	Plymouth	86	04.1	0	W	2	47	41	6	S	2		01.1	-22	SSE	1	47	47	6					01.1	-22	SSE	1	47	47	6	cl. m.	cl. m.	44	40				
	St. Eval	345	04.6	0	W	4	47	43	8	S	2		03.2	-36	S	4	50	50	6					03.2	-36	S	4	50	50	6	cl. m.	cl. m.	47	40				
	Predannack	293	05.3	+8	W	4	49	45	7	S	2		03.6	-22	SSW	3	48	47	7					03.6	-22	SSW	3	48	47	7	cl. m.	cl. m.	46	41				
	Guernsey	340	06.5	+2	WNW	4	50	49	8	S	2		03.6	-22	SSW	3	48	47	7					03.6	-22	SSW	3	48	47	7	cl. m.	cl. m.	46	41				
	Scilly, St. Marys	163	04.8	0	SW	4	50	46	7	S	2		01.3	-54	SE	5	50	50	5					01.3	-54	SE	5	50	50	5	cl. m.	cl. m.	48	35				
	Fairwood	208	03.5	+20	WSW	4	42	41	7	S	2		03.3	-16	SE	3	48	48	6					03.3	-16	SE	3	48	48	6	cl. m.	cl. m.	41	36				
	Pembroke	142	02.1	+14	W	3	47	43	8	S	2		03.3	-16	SE	3	48	48	6					03.3	-16	SE	3	48	48	6	cl. m.	cl. m.	41	36				
	Aberporth	425	02.0	+18	WSW	3	43	41	8	S	2		03.3	-16	SE	3	48	48	6					03.3	-16	SE	3	48	48	6	cl. m.	cl. m.	41	36				
	Penrhos	63																																				
	Holyhead (Valley)	32	03.0	+4	WSW	4	46	44	8	S	2		03.3	-10	SSE	5	45	43	8					03.3	-10	SSE	5	45	43	8	cl. m.	cl. m.	44	40				
	Hawarden	15	02.0	-10	SSE	4	45	43	6	S	2		00.9	-4	SSE	2	45	41	6					00.9	-4	SSE	2	45	41	6	cl. m.	cl. m.	42	40				
	Manchester	230	01.5	-18	SE	4	44	41	6	S	2		00.6	-2	SE	3	45	41	6					00.6	-2	SE	3	45	41	6	cl. m.	cl. m.	41	40				
	Squires Gate	33											00.3	-4	SE	3	45	41																				



		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.				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. 0h-18h.	Sun. Hrs.	Rain. 0h-18h.							
			Dir.	Force.				Form.	Amount.	Dir.	Force.				Form.	Amount.				Dir.	Force.	Form.	Amount.			Dir.	Force.	Form.	Amount.				Dir.	Force.	Form.	Amount.	0h-18h.	18h-0h.	
																																							Low.
(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)	
Kew	99.9	-30	SW	3	46	42	6	5	2	-	8	5	8	25	-	96.5	+12	WS	3	46	42	6	5	2	-	8	4	8	18	25	1	cm, m, cm	cd, ad, m	50	0.0	0.4			
Croydon	99.2	-28	SSE	2	45	40	6	5	2	-	7	3	7	50	-	96.6	+12	SW	4	46	42	6	5	2	-	8	3	5	7	15	1	cm, m, cm	cd, ad, m	51	0.1	0.1			
S. Farnborough	99.4	-24	SSE	3	45	43	5	5	2	-	7	4	7	12	25	97.0	+6	WSW	5	46	42	6	5	2	-	8	3	5	40	-	1	cm, m, cm	cd, ad, m	50	0.0	0.6			
Boscombe Down	99.6	-18	SSE	4	44	44	5	5	2	-	8	6	8	18	-	97.5	+6	WSW	5	46	42	6	5	2	-	8	3	5	15	-	1	cm, m, cm	cd, ad, m	50	0.0	1			
Calshot	99.6	-24	SSE	5	44	46	5	5	2	-	8	6	8	15	-	98.4	+10	SW	4	46	42	6	5	2	-	8	3	4	10	15	1	cd, ad, m	cd, ad, m	51	0.0	1			
Tangmere	99.5	-30	SSE	4	42	39	6	5	2	-	7	8	4	7	30	-	97.3	+6	W	2	46	42	6	5	2	-	8	3	5	10	-	1	cd, ad, m	cd, ad, m	50	0.0	1		
Lymington	02.3	-22	S	2	45	44	7	5	2	-	8	6	8	28	-	97.2	-18	WSW	3	46	42	6	5	2	-	8	3	5	1	-	1	cm, m, cm	cd, ad, m	49	0.0	1			
Manston	04.4	-4	S	2	45	44	6	5	2	-	8	6	8	35	-	97.2	+10	SW	3	46	42	6	5	2	-	8	3	5	2	4	1	cm, m, cm	cd, ad, m	50	0.0	0.3			
Borset	01.4	-24	ESE	1	42	42	5	5	2	-	8	6	8	6	-	95.5	+12	WSW	3	46	42	6	5	2	-	8	3	5	4	-	1	cm, m, cm	cd, ad, m	47	0.0	2			
Felixstowe	02.0	-14	SSW	3	41	40	5	5	2	-	8	6	8	0	-	96.7	-34	SW	5	46	42	6	5	2	-	8	3	5	8	15	1	cm, m, cm	cd, ad, m	47	0.0	2			
Corbiston	02.1	-14	SSE	3	41	39	5	5	2	-	8	6	8	10	-	95.4	+36	SSE	4	46	42	6	5	2	-	8	3	5	20	-	1	cm, m, cm	cd, ad, m	48	0.0	3			
Mildenhall	01.6	-18	SSE	3	42	41	6	5	2	-	8	6	8	7	-	95.4	-26	S	3	46	42	6	5	2	-	8	3	5	8	25	1	cm, m, cm	cd, ad, m	48	0.0	1			
West Raynham	01.7	-16	SSE	3	40	40	2	-	-	-	8	6	8	0	-	94.9	-24	S	4	46	42	6	5	2	-	8	3	5	8	15	1	cm, m, cm	cd, ad, m	47	0.0	4			
Waddington	99.5	-32	SSE	3	28	28	0	-	-	-	8	6	8	0	-	91.8	-34	SW	3	46	42	6	5	2	-	8	3	5	25	-	1	cm, m, cm	cd, ad, m	46	0.0	2			
Cranfield	99.4	-36	SSE	3	43	40	6	5	2	-	8	6	8	4	-	94.8	-12	WSW	5	46	42	6	5	2	-	8	3	5	15	40	1	cm, m, cm	cd, ad, m	48	0.0	1			
Honley	97.3	-46	SSE	4	42	41	5	5	2	-	8	6	8	40	-	93.5	-12	SW	3	46	42	6	5	2	-	8	3	5	25	-	1	cm, m, cm	cd, ad, m	48	0.0	1			
Little Rissington	98.5	-40	S	3	42	42	5	5	2	-	8	6	8	5	15	95.1	-6	WSW	4	46	42	6	5	2	-	8	3	5	15	-	1	cm, m, cm	cd, ad, m	47	0.0	2			
Defford	97.0	-34	SSE	4	46	43	5	5	2	-	8	6	8	20	-	94.4	+7	SW	5	46	42	6	5	2	-	8	3	5	8	-	1	cm, m, cm	cd, ad, m	50	0.0	0.3			
Bristol	97.1	-30	SSE	4	48	46	5	5	2	-	8	6	8	5	-	97.4	+12	WSW	6	46	42	6	5	2	-	8	3	5	15	-	1	cm, m, cm	cd, ad, m	52	0.0	1			
Harland Point	94.1	-8	S	5	30	30	5	5	2	-	8	6	8	0	-	98.1	+12	NN	4	46	42	6	5	2	-	8	3	5	3	2	3	1	cm, m, cm	cd, ad, m	52	0.0	0.5		
Yeovilton	96.2	-30	SSE	4	49	49	5	5	2	-	8	6	8	10	-	92.0	+12	W	5	46	42	6	5	2	-	8	3	5	3	8	-	1	cm, m, cm	cd, ad, m	52	0.0	0.5		
Portland Bill	97.3	-50	S	4	49	47	6	5	2	-	8	6	8	10	-	98.7	+10	W	5	46	42	6	5	2	-	8	3	5	6	6	-	1	cm, m, cm	cd, ad, m	52	0.0	0.1		
Exeter	96.4	-26	SSE	3	51	50	4	5	2	-	8	6	8	3	8	99.5	+12	W	6	46	42	6	5	2	-	8	3	5	4	4	-	1	cm, m, cm	cd, ad, m	52	0.0	0.3		
Plymouth	97.4	-10	W	3	51	51	4	5	2	-	8	6	8	6	15	99.5	+10	W	3	46	42	6	5	2	-	8	3	5	7	3	7	8	40	1	cm, m, cm	cd, ad, m	52	0.0	0.3
St. Eval	97.3	+10	WSW	4	51	50	6	5	2	-	8	6	8	6	-	99.7	+18	W	4	46	42	6	5	2	-	8	3	5	7	3	7	15	-	1	cm, m, cm	cd, ad, m	52	0.0	0.3
Predannack	97.3	+12	W	6	51	51	1	5	2	-	8	6	8	0	-	99.5	+12	W	5	46	42	6	5	2	-	8	3	5	7	3	7	15	-	1	cm, m, cm	cd, ad, m	52	0.0	0.3
Guernsey	99.1	-18	SW	5	51	51	1	5	2	-	8	6	8	0	-	99.5	+12	W	5	46	42	6	5	2	-	8	3	5	8	3	8	3	8	1	cm, m, cm	cd, ad, m	52	0.0	0.3
Scilly, St. Marys	97.1	+14	W	6	52	52	6	5	2	-	8	6	8	6	-	99.6	+12	W	5	46	42	6	5	2	-	8	3	5	6	6	-	1	cm, m, cm	cd, ad, m	52	0.0	0.1		
Fairwood	94.5	-30	S	3	47	46	2	5	2	-	8	6	8	20	-	97.4	+10	SW	4	46	42	6	5	2	-	8	3	5	2	4	-	2	cm, m, cm	cd, ad, m	50	0.0	6		
Pembroke	93.2	-10	WSW	6	50	50	6	5	2	-	8	6	8	30	-	95.8	+12	W	6	46	42	6	5	2	-	8	3	5	2	4	-	2	cm, m, cm	cd, ad, m	50	0.0	2		
Aberperth	92.9	-32	SW	4	48	47	7	5	2	-	8</																												



## STATION MODEL



6h

Sunday 12<sup>th</sup> January

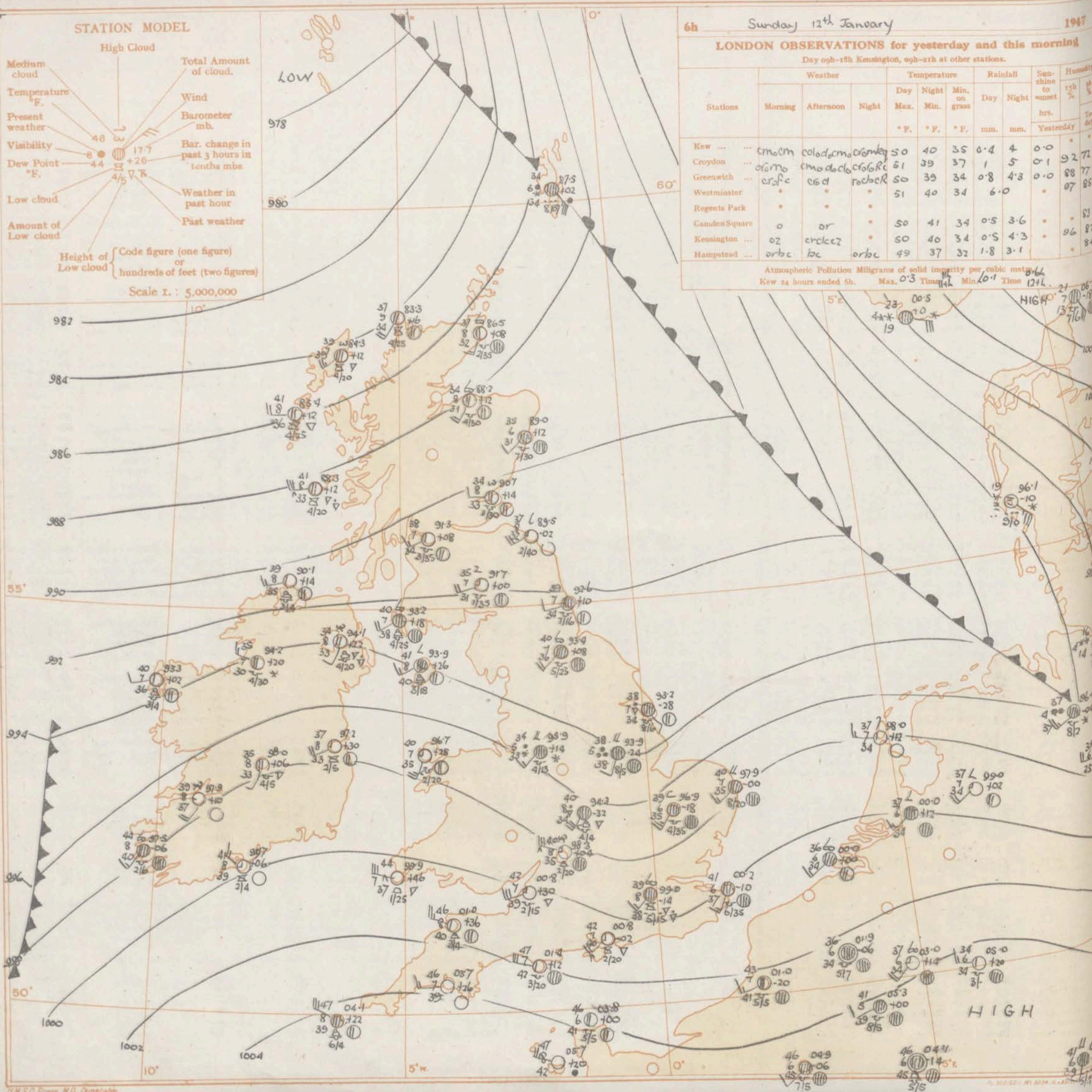
1947

## 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 ...	cmo cm	colod cm	cmo cm	50	40	35	0.4	4	0.0	72
Croydon ...	cmo cm	cmo dolo	cmo dolo	51	39	37	1	5	0.1	77
Greenwich ...	cmo cm	cmo d	cmo d	50	39	34	0.8	4.3	0.0	88
Westminster	.	.	.	51	40	34	6.0	.	.	87
Regents Park	.	.	.	.	.	.	.	.	.	83
Camden Square	o	or	.	50	41	34	0.5	3.6	.	82
Kensington ...	o2	cmo cm	.	50	40	34	0.5	4.3	.	84
Hampstead ...	orbc	bc	orbc	49	37	32	1.8	3.1	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic meter  
 Kew 24 hours ended 5h. Max. 0.3 Time 11h Min. 0.1 Time 12h





# GENERAL INFERENCE

A complex area of low pressure extends westward from Iceland and a developing secondary depression off West Ireland is expected to move eastwards over Southern England. There will be bright periods and thundery showers in the North but general rain will spread across Southern districts and may turn to sleet or snow later in the Midlands and eastern districts of England. It will be rather mild at first becoming colder later in eastern districts.

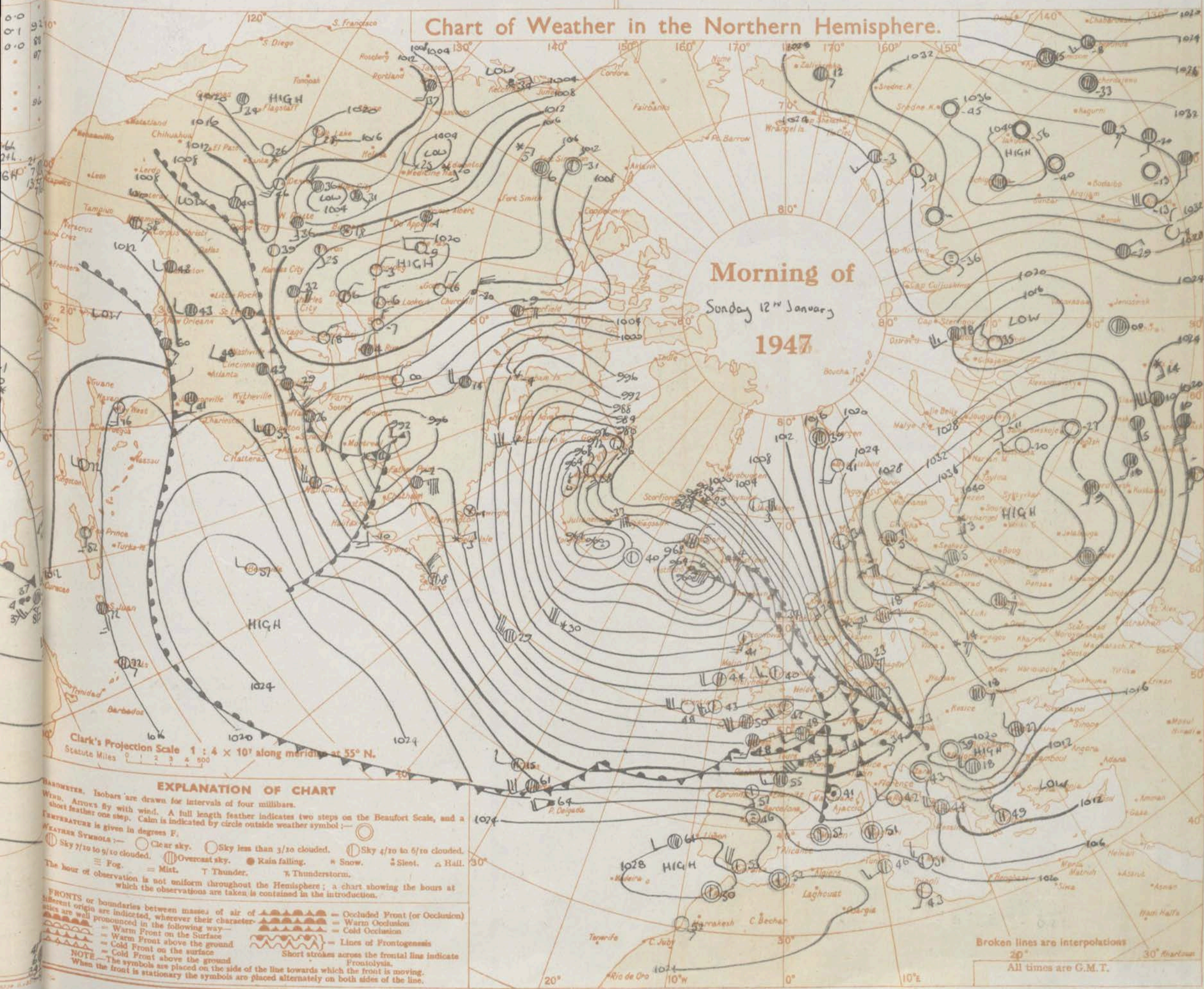
# FURTHER OUTLOOK

None Issued

† Gale warning in operation in the district North 16 issued at 1115/5/Jan/46

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 12<sup>th</sup> January  
1947



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

## EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows 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 :—**  
☉ Sky 7/10 to 9/10 clouded. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 6/10 clouded.  
☃ Overcast sky. ☄ Rain falling. ☄ Snow. ☄ Sleet. ☄ Rain.  
☄ 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.

Broken lines are interpolations  
20° 30°  
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.	Form.	Amount.			Form.	Amount.				Form.	Amount.	Min.	Max.		Min.	Max.																	
					Low.	Med.				High.	Total.	Low.	Med.			High.	Total.				Low.	Med.	High.	Total.		Min.	Max.																	
1	Kew	15	00.7	+18	SW	4	42	38	1	0	0	0	0	0	0	0	0	42	38	1	0	0	0	0	0	0	0	0	0	0	0	0	0											
	Croydon	227	00.8	+18	SW	4	42	38	1	0	0	0	0	0	0	0	0	42	38	1	0	0	0	0	0	0	0	0	0	0	0	0	0											
	S. Farnborough	226	01.2	+12	SSW	3	37	34	1	0	0	0	0	0	0	0	0	37	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0											
	Boscombe Down	417	01.2	+12	SSW	3	37	34	1	0	0	0	0	0	0	0	0	37	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0											
	Calshot	8	02.1	+10	WS	3	40	34	1	0	0	0	0	0	0	0	0	40	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0											
2	Lympne	341	01.0	+22	WSW	4	40	38	1	0	0	0	0	0	0	0	0	40	38	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Manston	140	00.3	+24	SSW	3	40	38	1	0	0	0	0	0	0	0	0	40	38	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Borsted	105	00.8	+26	SSW	3	43	36	1	0	0	0	0	0	0	0	0	43	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Felixstowe	10	00.8	+26	SSW	3	43	36	1	0	0	0	0	0	0	0	0	43	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Gorleston	5	00.4	+10	SW	4	42	34	1	0	0	0	0	0	0	0	0	42	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
3	Mildenhall	15	00.4	+26	SSW	4	40	34	1	0	0	0	0	0	0	0	0	40	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	West Raynham	250	00.6	+14	WSW	3	40	34	1	0	0	0	0	0	0	0	0	40	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Waddington	235	00.6	+20	WSW	3	40	34	1	0	0	0	0	0	0	0	0	40	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Cranfield	340	00.8	+18	W	3	40	34	1	0	0	0	0	0	0	0	0	40	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Honiley	427	00.9	+18	SSW	3	38	34	1	0	0	0	0	0	0	0	0	38	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
4	Little Rissington	731	00.0	+14	WSW	3	38	36	1	0	0	0	0	0	0	0	0	38	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Defford	58	00.3	+12	SSW	4	38	34	1	0	0	0	0	0	0	0	0	38	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Bristol	209	00.3	+16	SSW	4	38	34	1	0	0	0	0	0	0	0	0	38	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Hartland Point	290	00.5	-6	S	4	42	45	1	0	0	0	0	0	0	0	0	42	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Yeovilton	50	00.5	-6	S	4	42	45	1	0	0	0	0	0	0	0	0	42	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
5	Portland Bill	31	01.4	+10	W	4	43	45	1	0	0	0	0	0	0	0	0	43	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Exeter	100	01.4	-2	SSE	3	43	39	1	0	0	0	0	0	0	0	0	43	39	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Plymouth	86	01.3	-2	W	3	40	46	1	0	0	0	0	0	0	0	0	40	46	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	St. Eval	345	00.4	-18	SSW	3	47	45	1	0	0	0	0	0	0	0	0	47	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Predannack	293	01.3	0	SSW	3	43	49	1	0	0	0	0	0	0	0	0	43	49	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
6	Scilly, St. Marys	163	00.2	-6	WSW	6	50	48	1	0	0	0	0	0	0	0	0	50	48	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	Fairwood	208	00.3	+2	SW	4	46	44	1	0	0	0	0	0	0	0	0	46	44	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Pembroke	142	00.7	0	SW	4	43	42	1	0	0	0	0	0	0	0	0	43	42	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Aberporth	425	00.5	-10	SW	3	45	42	1	0	0	0	0	0	0	0	0	45	42	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Pearthos	63	00.5	-10	SW	3	45	42	1	0	0	0	0	0	0	0	0	45	42	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
7	Holyhead (Valley)	32	04.5	0	WS	4	46	40	1	0	0	0	0	0	0	0	0	46	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Hawarden	15	04.9	-4	WS	4	44	39	1	0	0	0	0	0	0	0	0	44	39	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Manchester	230	05.8	+18	SE	3	38	34	1	0	0	0	0	0	0	0	0	38	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Squires Gate	33	05.8	+18	SE	3	38	34	1	0	0	0	0	0	0	0	0	38	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Carlisle	100	01.3	+16	WS	2	39	36	1	0	0	0	0	0	0	0	0	39	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
8	Ashbourne	590	04.8	+26	W	3	40	36	1	0	0	0	0	0	0	0	0	40	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Finningley	28	03.0	+18	WN	3	40	39	1	0	0	0	0	0	0	0	0	40	39	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Spurn Head	30	03.0	+18	WN	3	40	39	1	0	0	0	0	0	0	0	0	40	39	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Leeming	105	02.3	+6	SW	4	40	34	1	0	0	0	0	0	0	0	0	40	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Tynemouth	108	00.4	+22	W	3	40	34	1	0	0	0	0	0	0	0	0	40	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
9	Acklington	138	03.9	+18	WSW	4	38	33	1	0	0	0	0	0	0	0	0	38	33	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	St. Abb's Head	280	03.7	+14	SW	4	40	32	1	0	0	0	0	0	0	0	0	40	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Leuchars	31	07.1	+6	WSW	4	40	36	1	0	0	0	0	0	0	0	0	40	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Bell Rock	—	07.0	+10	W	6	42	34	1	0	0	0	0	0	0	0	0	42	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	Renfrew	35	08.9	+10	S	2	37	34	1	0	0	0	0	0	0	0	0	37	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
10	Prestwick	30	03.5	+8	SSW	3	43	36	1	0	0	0	0	0	0	0	0	43	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	West Freugh	53	00.7	+4	WSW	3	38	36	1	0	0	0	0	0	0	0	0	38	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	Exdalemuir	794	01.5	+4	WSW	3	41	39	1	0	0	0	0	0	0	0	0	41	39	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	Point of Ayre	30	01.5	+4	WSW	3	41	39	1	0	0	0	0	0	0	0	0	41	39	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
11	Three Benbecula	44	05.5	+10	WSW	5	41	34	1	0	0	0	0	0	0	0	0	41	34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	Stornoway	12	01.8	+10	SSW	4	40	35	1	0	0	0	0	0	0	0	0	40	35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	Cape Wrath	367	01.5	+6	SW	4	40	35	1	0	0	0	0	0	0	0	0	40	35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	Dalwhinnie	176	01.5	+6	SW	4	40	35	1	0	0	0	0	0	0	0	0	40	35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

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

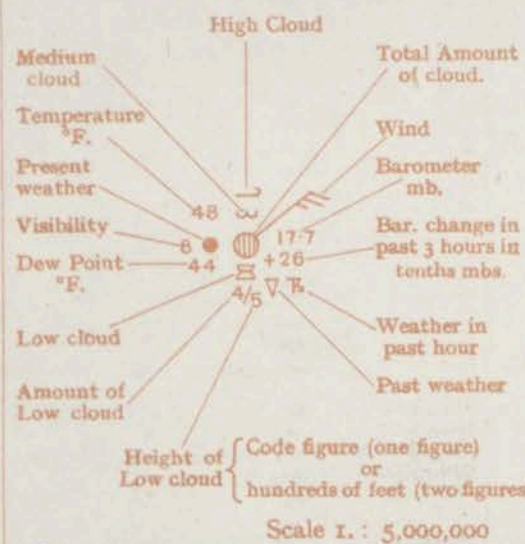
\* Information not usually received.  
† Second figure in col. (33) gives depth of snow in inches.



OBSERVATIONS at 12h. G.M.T. 12 <sup>th</sup> January																	OBSERVATIONS at 18h. G.M.T. 12 <sup>th</sup> 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. of day.	Sunshine Hrs.	Rain of day.			
			Dir.	Force.					Low.	Med.	High.	Total.	A.	B.			Dir.	Force.					Low.	Med.	High.	Total.	A.	B.		08h.-12h.	12h.-18h.								
																															08h.-12h.	12h.-18h.	18h.-24h.				24h.-30h.	30h.-36h.	
																																							08h.-12h.
(For heights see p. 4.)	mb.	(2)	(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	04.6	+18	WSW	3	mo	44	38	6	5	-	-	6	5	-	51	-	00.0	-36	S	4	mo	46	42	6	5	-	-	8	8	-	25	-	1	bcb-bcno	cmo	47	2.7	0.5	
Croydon	06.3	+24	SW	4	2p	45	37	6	9	7	-	7	5	3	30	-	00.4	-49	SSE	5	rr	46	41	6	5	-	-	8	8	-	25	-	1	bcbcc	cmo	48	3.3	1	
2 S. Farborough	05.0	+14	WSW	5	c-bc	45	40	4	-	-	-	5	5	-	110	-	98.8	-46	SSW	5	rr	46	46	6	5	-	-	8	8	-	8	-	2	bcbcc	cmo	49	2.7	1	
Boacombe Down	05.7	+10	WSW	3	bc	47	41	1	-	-	-	4	4	3	-	-	00.0	-38	SW	4	4p	47	43	6	5	2	-	8	5	8	18	40	1	bcbcc	cmo	48	3.1	1	
Calshot	06.2	+18	WSW	3	c-bc	49	41	2	-	-	-	2	5	4	3	-	00.5	-40	SSW	6	PR	48	44	7	8	7	-	6	4	4	35	40	1	bcbcc	cmo	49	4.3	2	
Tangmere	05.9	+12	WSW	4	bc	49	40	1	5	3	-	4	4	3	50	-	01.2	-42	SSW	5	ir	46	44	6	5	7	-	8	7	8	40	-	1	bcbcc	cmo	49	4.1	0.2	
3 Lympne	06.1	+30	WSW	3	c	45	39	8	5	7	6	6	1	15	25	03.4	-30	S	5	b-bc	45	42	7	-	3	-	3	3	-	-	-	1	cmobcc	cmo	47	3.8	1		
Manston	05.5	+34	W	4	c	46	36	8	-	7	7	8	4	8	-	-	04.6	-18	S	4	bc	45	43	7	-	7	-	4	4	-	-	-	1	cmobcc	cmo	47	3.9	Tr	
4 Bexley	04.4	+32	WSW	5	c-bc	44	35	7	5	9	3	5	1	8	20	-	01.4	-36	S	4	mo	44	39	6	5	7	-	8	4	8	25	-	1	cmobcc	cmo	46	3.6	1	
Felixstowe	04.8	+18	W	5	c	45	36	7	-	-	6	6	6	-	-	02.6	-26	SSE	5	ir	42	39	6	5	-	-	8	4	8	30	57	1	cmobcc	cmo	46	3.6	0.1		
Gorleston	01.3	+42	NW	4	b-bc	43	37	7	2	4	1	3	2	2	20	72	03.4	-2	SSW	4	mo	41	33	6	5	-	-	8	8	-	-	-	1	bcb	cmo	46	2.5	0.5	
5 Mildenhall	03.6	+38	WSW	4	c	43	37	8	5	-	2	6	5	4	50	-	00.5	-30	SSE	4	mo	44	39	5	5	2	-	8	6	8	27	-	0	cmobcc	cmo	47	3.1	1	
West Raynham	02.4	+38	WSW	3	c-bc	41	36	8	5	-	2	5	3	5	25	-	00.0	-26	SSE	4	ir	41	38	6	5	-	-	8	5	8	20	40	1	cmobcc	cmo	45	2.1	3	
6 Waddington	01.6	+22	WSW	3	mo	41	39	6	-	-	2	5	5	-	-	-	01.4	-40	SSE	3	rr	40	39	6	5	-	-	8	6	8	17	40	1	cmobcc	cmo	43	3.0	3	
7 Cranfield	03.5	+22	SW	4	c	43	37	8	-	3	6	6	3	6	-	-	07.9	-54	S	6	ir	46	40	7	5	7	-	8	5	8	21	40	1	bcbcc	cmo	47	3.0	0.3	
Honiley	02.8	+8	WSW	4	c	44	35	8	-	7	2	7	3	6	-	-	06.6	-58	S	4	ir	45	42	7	5	7	-	7	4	7	30	-	1	bcbcc	cmo	45	2.3	2	
8 Little Rissington	03.0	+6	WSW	4	c	41	35	7	6	7	-	6	2	5	20	25	06.6	-60	S	6	ir	45	44	7	5	-	-	8	6	8	10	25	1	bcb	cmo	45	2.7	4	
9 Defford	02.8	+6	S	3	c	45	36	8	8	-	8	6	2	3	25	40	08.2	-46	SSE	4	rr	47	45	6	6	2	-	8	5	8	15	25	1	bcbcc	cmo	48	3.2	4	
10 Bristol	03.7	+2	SW	4	bc	47	40	8	-	7	3	4	3	4	-	-	06.7	-34	SSW	6	bc	49	46	8	2	3	-	4	4	2	15	-	1	bcbcc	cmo	50	2.3	Tr	
11 Hartland Point	01.6	-16	SW	4	c	47	40	7	5	-	-	7	-	-	-	-	03.6	-12	W	6	bc	49	47	7	8	-	-	4	4	-	-	-	1	bcbcc	cmo	51	0.1	0.3	
12 Yeovilton	05.4	+2	W'S	4	c	49	45	6	5	-	-	6	6	-	20	-	00.6	-42	SW	6	c	50	48	6	5	-	-	8	8	-	10	-	1	bcb	cmo	52	-	0.1	
13 Exeter	05.4	+4	SSE	2	c/f	47	40	7	5	7	-	7	3	4	15	40	06.7	-34	SSE	5	dado	50	48	5	6	-	-	8	5	8	4	15	1	bcb	cmo	53	0.5	3	
14 Plymouth	05.7	+10	S	2	c	50	41	7	7	-	-	7	7	-	200	-	08.2	-28	SSW	5	mo	52	49	6	5	-	-	4	1	4	8	8	1	bcbcc	cmo	52	0.0	0.5	
15 St. Eval	03.2	-26	S	5	c	48	41	8	6	7	-	7	1	7	25	-	07.3	-6	W	6	mo	50	45	6	2	-	-	4	4	-	15	-	1	bcbcc	cmo	50	0.0	1	
16 Predannack	04.2	+22	SW'S	5	c	50	43	7	7	-	-	6	6	-	20	-	08.5	-16	WSW	6	c-bc	51	49	7	8	-	-	5	5	-	15	-	1	bcb	cmo	52	0.9	Tr	
17 Guernsey	09.3	+2	SW	5	c-bc	48	45	8	2	7	6	5	3	3	15	-	02.5	-30	SW	5	ir	49	48	6	5	-	-	8	4	8	6	15	1	bcb	cmo	50	5.2	0.3	
18 Scilly, St. Marys	02.1	-30	SSW	6	c	50	45	7	8	7	-	7	5	3	15	57	06.2	-10	WSW	7	bc	50	46	7	8	-	-	4	4	-	-	-	1	bcbcc	cmo	52	0.8	2	
19 Fairwood	02.2	-14	S	4	c	45	42	7	8	7	-	7	2	4	17	40	04.9	-10	SSW	6	bc	48	45	7	8	3	-	4	4	2	15	-	1	bcbcc	cmo	48	0.0	2	
20 Pembroke	00.1	+16	SW	6	g	48	44	7	8	-	-	8	8	-	40	-	02.4	-8	WSW	7	bc	50	48	1	5	-	-	4	4	-	10	-	2	bcbcc	cmo	48	0.0	6	
21 Aberporth	00.2	-18	W'S	4	c	44	39	8	1	7	-	8	1	8	20	-	02.5	-10	SW	5	b-bc	48	42	7	2	-	-	3	3	-	10	-	1	bcbcc	cmo	49	0.5	5	
22 Penrhos	05.7	-14	S	5	c	44	40	7	5	-	-	8	4	8	12	25	07.4	-44	S	7	mo	49	43	6	5	-	-	5	5	-	10	-	1	bcb	cmo	49	0.6	3	



## STATION MODEL



6h

Monday 13<sup>th</sup> January.

1947

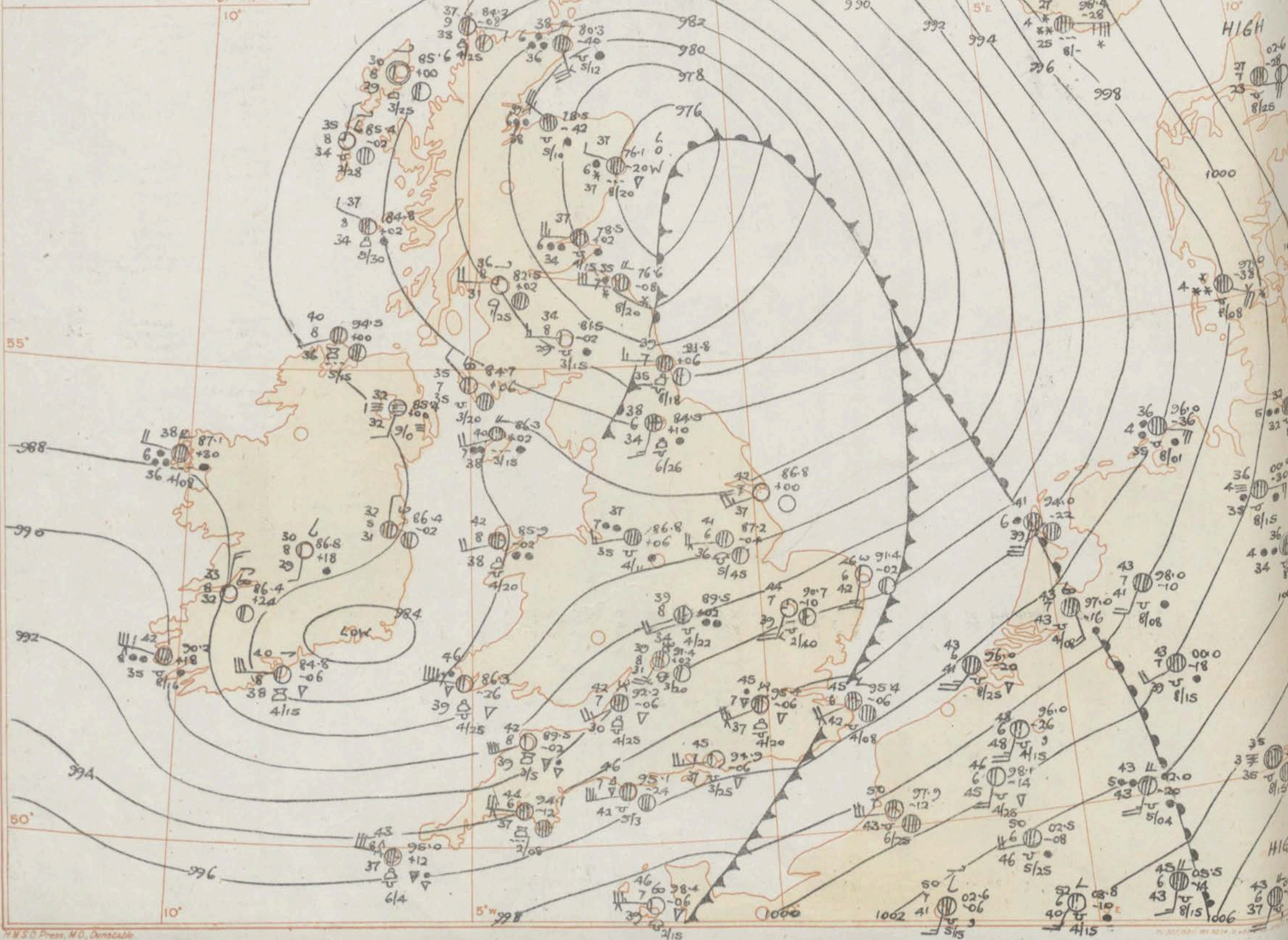
## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yesterday	To- day
Kew ...	beb-bcm	cm	clgRbmo	47	42	38	0.5	3	2.2	75	75
Croydon ...	dbbc	cm	cm	48	42	39	1	8	3.3	72	74
Greenwich ...	bc	cr	cr	48	42	36	-	4	2.5	79	86
Westminster	.	.	.	50	42	38	-	3	.	85	83
Regents Park	.	.	.	49	42	38	-	5	.	87	79
Camden Square	b	c	.	49	42	37	-	4	.	85	87
Kensington ...	bc	bc	.	49	43	33	-	5	.	85	77
Hampstead ...	bc	cr	orbc	48	38	34	0.4	4	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h.

Max. Time Min. Time



A depress  
whilst  
fill up  
with  
will be  
showers  
they will

BAROMETER:  
WIND: Arrow  
short for the  
TEMPERATURE  
WATER ST  
sky 7/10

The hour of

FRONTS:  
different pres  
sures are well  
marked by  
lines with  
NOT  
WH



**GENERAL INFERENCE**

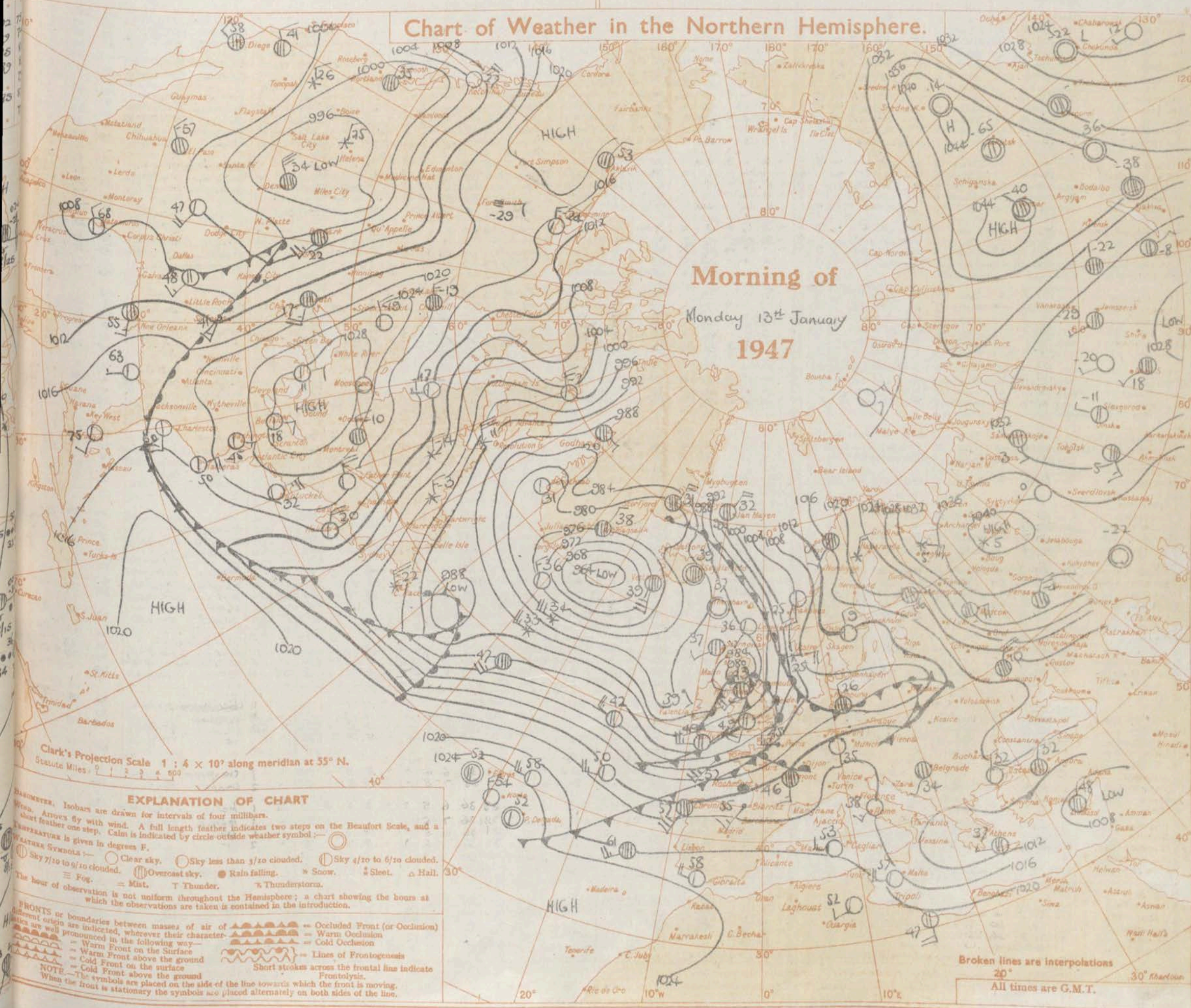
A depression will move east northeast whilst a secondary over northeast Scotland will move east northeast. There will be general rain over southeast Ireland will move east and with local sleet or snow at first. In eastern Scotland will be showers and fair periods. In western districts showers will be frequent with a risk of hail and thunder. They will be occasional in the east. It will be rather cold.

**FURTHER OUTLOOK**

Rain spreading across the British Isles from the west tomorrow.

▼ Gale warning in operation in districts 6 - west 5, issued 1145 12<sup>th</sup> Jan.

▼ Gale warning in operation in districts east 5, west 1 issued 1355 12<sup>th</sup> Jan.





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

Monday, 13th January, 1947

No. 31098

OBSERVATIONS at 00hr. G.M.T. 13th January

OBSERVATIONS at 06hr. G.M.T. 13th January

9 h. OBSERVATIONS during NIGHT

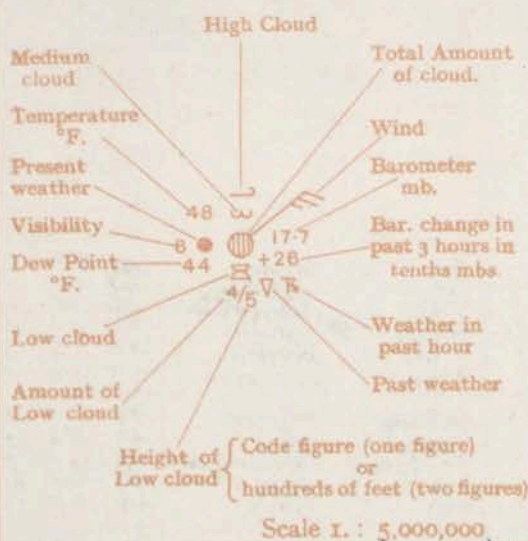
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.						State of Ground.	Weather.		Temperature		Rain			
					Dir.	Force.				Form.			Amount.					Height of Base Hundreds of feet.	Dir.				Force.	Form.			Amount.			Height of Base Hundreds of feet.	rth.-ooh.	ooh.-ooh.	Min. °F.		Min. on Grass °F.		
										Low.	Med.	High.	Total.	A.	B.									Total.	A.	B.											
																											0-9	10-19						20-29	30-39	40-49	50-59
1	Kew Croydon S. Farnborough Boscombe Down Calshot Langmere	16 217 226 417 8 53	30.0 29.5 29.5 29.0 29.6 29.6	-0.2 -0.2 -0.2 -0.2 -0.2 -0.2	SSW SSW SSW SSW SSW SSW	5 5 5 5 5 5	48 48 48 48 48 48	47 47 47 47 47 47	1 1 1 1 1 1	5 5 5 5 5 5	4 4 4 4 4 4	4 4 4 4 4 4	4 4 4 4 4 4	15 25 15 15 15 15	93.7 93.4 93.5 94.0 95.8 94.9	-6 -6 -2 -2 -2 -2	SW SW SW SW SW SW	5 5 5 5 5 5	bc bc bc bc bc bc	48 48 42 40 43 45	35 37 36 36 40 37	7 7 7 7 7 7	5 5 5 5 5 5	4 4 4 4 4 4	4 4 4 4 4 4	25 20 20 25 10 25	1 2 1 1 1 1	crsbc crsbc crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc crsbc crsbc	42 42 42 42 42 41	38 39 37 35 40 39	5 5 5 3 3 2					
	Lympe Manston Boxed Felixstowe Gorleston	341 140 105 10 5	29.3 29.2 29.4 29.5 29.5	-0.2 -0.2 -0.2 -0.2 -0.2	SSW SSW SSW SSW SSW	5 5 5 5 5	48 48 48 48 48	47 47 47 47 47	1 1 1 1 1	5 5 5 5 5	4 4 4 4 4	4 4 4 4 4	4 4 4 4 4	8 12 30 35 20	94.9 95.4 92.0 92.2 91.4	-10 -6 -8 -18 -2	SW SW SW SW SSW	4 4 5 5 5	bc bc bc bc bc	44 45 45 43 46	42 42 40 38 42	6 5 5 5 6	5 5 5 5 3	4 4 4 4 3	4 4 4 4 3	38 8 30 65 80	1 1 1 1 1	crsbc crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc crsbc	41 42 41 40 39	38 38 33 35 38	2 2 1 1 2					
	Mildenhall West Raynham Waddington Cranfield Honiley	15 250 235 340 427	29.8 29.4 29.9 29.9 29.0	-0.2 -0.2 -0.2 -0.2 -0.2	SSW SSW SSW SSW SSW	4 5 4 4 5	48 48 48 48 48	47 47 47 47 47	1 1 1 1 1	5 5 5 5 5	4 4 4 4 4	4 4 4 4 4	4 4 4 4 4	40 40 40 40 40	90.7 89.7 87.2 91.2 89.5	-10 +12 -4 -6 -2	SW SSW WSW SW WSW	4 6 4 6 5	bc bc bc bc bc	44 44 41 41 42	39 39 36 34 34	7 6 6 8 7	5 5 4 5 5	4 4 4 4 4	4 4 4 4 4	40 25 45 20 20	1 1 1 1 1	crsbc crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc crsbc	38 38 37 38 31	36 34 32 35 33	3 0.3 0.1 1 2					
4	Little Rissington Defford	731 58	29.0 29.6	-0.2 -0.2	SSW SSW	6 6	48 48	47 47	1 1	5 5	4 4	4 4	4 4	8 8	91.4 90.2	+12 +12	SW SW	5 3	bc bc	39 41	31 36	8 9	4 2	6 6	4 4	4 4	20 30	1 2	crsbc crsbc	crsbc crsbc	36 36	38 34	1 3				
5	Bristol Hardland Point Yeovilton	209 299 50	29.7 29.3 29.3	-0.2 -0.2 -0.2	SSW SSW SSW	5 8 8	48 48 48	47 47 47	1 1 1	5 5 5	4 4 4	4 4 4	4 4 4	15 15 15	92.2 89.5 92.4	-6 -2 -2	SW WSW SW	5 5 5	bc bc bc	42 42 43	30 39 43	7 8 7	5 3 5	4 4 4	4 4 4	25 20 20	1 1 1	crsbc crsbc crsbc	crsbc crsbc crsbc	39 40 40	35 35 25	6 6 6					
	Portland Bill Exeter Plymouth St. Eval Predannack Guernsey	32 100 86 345 293 340	29.7 29.4 29.5 29.7 29.7 29.5	-0.2 -0.2 -0.2 -0.2 -0.2 -0.2	SSW SSW SSW SSW SSW SSW	7 3 5 7 7 5	48 48 48 48 48 48	47 47 47 47 47 47	1 1 1 1 1 1	5 5 5 5 5 5	4 4 4 4 4 4	4 4 4 4 4 4	4 4 4 4 4 4	10 25 20 20 20 25	95.1 93.1 94.1 94.2 85.5 93.4	-24 -6 -12 -2 -2 -6	WSW WSW W WSW W W	7 5 5 5 8 7	bc bc bc bc bc bc	46 43 44 43 43 46	42 37 37 38 39 39	7 7 6 7 7 7	5 7 9 5 8 4	4 4 4 4 4 4	4 4 4 4 4 4	10 10 8 30 15 15	1 1 0 2 1 1	crsbc crsbc crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc crsbc crsbc	49 41 40 39 41 42	34 34 38 36 36 39	2 2 3 4 6 2					
6	Scilly, St. Marys Fairwood Pembroke Aberporth	163 268 142 425	29.3 29.8 29.6 29.4	+0.6 -0.2 -0.2 -0.2	SSW SSW SSW SSW	7 6 8 5	48 48 48 48	47 47 47 47	1 1 1 1	5 5 5 5	4 4 4 4	4 4 4 4	4 4 4 4	15 16 30 20	95.0 90.4 86.3 88.3	+12 -6 -26 -10	W SSW W SW	6 5 8 4	bc bc bc bc	43 43 46 39	37 37 39 35	8 6 8 9	8 8 8 3	4 4 4 4	4 4 4 4	20 23 25 20	1 1 2 1	crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc	39 41 40 38	36 36 36 34	3 1 5 4					
7	Penrhos	63	29.4	-0.2	SSW	5	48	47	1	5	4	4	4	20	88.3	-10	SW	5	bc	48	47	1	4	4	4	20	1	crsbc	crsbc	40	25	6					
	Holyhead (Valley) Hawarden	32 15	29.5 29.4	-0.2 -0.2	SSW SSW	3 3	48 48	47 47	1 1	5 5	4 4	4 4	4 4	11 12	86.9 88.1	-2 +4	WSW W	4 3	bc bc	42 37	38 36	8 7	8 5	4 4	4 4	20 15	40 26	1 1	crsbc crsbc	crsbc crsbc	37 34	32 30	11 8				
8	Manchester Squires Gate Carlisle	230 33 100	29.4 29.4 29.8	-0.2 -0.2 -0.2	SSW SSW SSW	3 3 4	48 48 48	47 47 47	1 1 1	5 5 5	4 4 4	4 4 4	4 4 4	25 25 20	86.8 86.3 82.7	+6 +2 +2	WSW WSW WSW	3 4 4	bc bc bc	37 37 36	35 38 33	7 7 8	5 6 2	4 4 4	4 4 4	25 15 20	1 1 1	crsbc crsbc crsbc	crsbc crsbc crsbc	35 38 35	34 37 30	13 13 *					
9	Ashbourne	590	29.3	-0.2	SSW	3	48	47	1	5	4	4	4	25	85.2	0	SW	4	bc	48	47	1	4	4	4	30	1	crsbc	crsbc	39	36	1					
10	Finnigley Spurn Head Leeming Tynemouth	28 20 105 108	29.3 29.3 29.3 29.3	-0.2 -0.2 -0.2 -0.2	SSW SSW SSW SSW	3 3 2 5	48 48 48 48	47 47 47 47	1 1 1 1	5 5 5 5	4 4 4 4	4 4 4 4	4 4 4 4	25 25 16 16	85.2 84.5 84.5 84.5	0 +10 +10 +10	SW SW SSW W	4 5 3 3	bc bc bc bc	41 42 38 39	38 37 38 38	6 7 7 7	5 8 8 8	4 4 4 4	4 4 4 4	30 20 18 18	1 1 1 1	crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc	38 37 37 37	36 37 37 33	1 1 1 1					
	Acklington St. Abb's Head Leuchars Bell Rock	138 280 31 1	29.3 29.1 29.5 29.8	-0.2 -0.2 -0.2 -0.2	SSW SSW SSW SSW	6 6 3 7	48 48 48 48	47 47 47 47	1 1 1 1	5 5 5 5	4 4 4 4	4 4 4 4	4 4 4 4	25 20 22 15	86.7 76.6 78.5 76.7	+6 -8 +2 -10	SW W W W	5 6 5 5	bc bc bc bc	37 35 37 37	32 32 34 36	7 7 7 7	5 5 5 5	4 4 4 4	4 4 4 4	20 20 15 15	1 1 1 1	crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc	35 33 33 33	32 32 32 32	2 13 13 13					
12	Renfrew	35	29.4	-0.2	SSW	3	48	47	1	5	4	4	4	15	82.5	+2	W	3	bc	48	47	1	4	4	4	25	1	crsbc	crsbc	33	26	3					
	Prestwick West Freugh Eskdalemuir Point of Ayre	30 52 794 30	29.3 29.3 29.3 29.3	+0.6 +0.6 +0.6 +0.6	SSW SSW SSW SSW	3 4 4 6	48 48 48 48	47 47 47 47	1 1 1 1	5 5 5 5	4 4 4 4	4 4 4 4	4 4 4 4	15 25 20 20	82.3 84.7 81.5 84.7	+6 +6 -2 +4	W W W W	3 1 3 2	bc bc bc bc	39 35 34 40	36 35 29 38	4 7 8 8	5 5 5 5	4 4 4 4	4 4 4 4	22 20 15 18	1 1 1 0	crsbc crsbc crsbc crsbc	crsbc crsbc crsbc crsbc	38 32 32 39	33 23 29 *	0 2 2 2					
13A	Tree Benbecula	44 27	29.5 29.2	0 -0.2	SSW SSW	0 2	48 48	47 47	1 1	5 5	4 4	4 4	4 4	10 25	84.8 86.4	+2 -2	W W	1 1	bc bc	37 35	34 34	8 8	2 4	4 4	4 4	30 28	1 3	crsbc crsbc	crsbc crsbc	34 33	28 30	3 1					
13B	Stormoway	12	29.5	-0.2	SSW	2	48	47	1	5	4	4	4	15	85.6	0	W	0																			



## OBSERVATIONS during DAY



# STATION MODEL



6h

Tuesday 14<sup>th</sup> January.

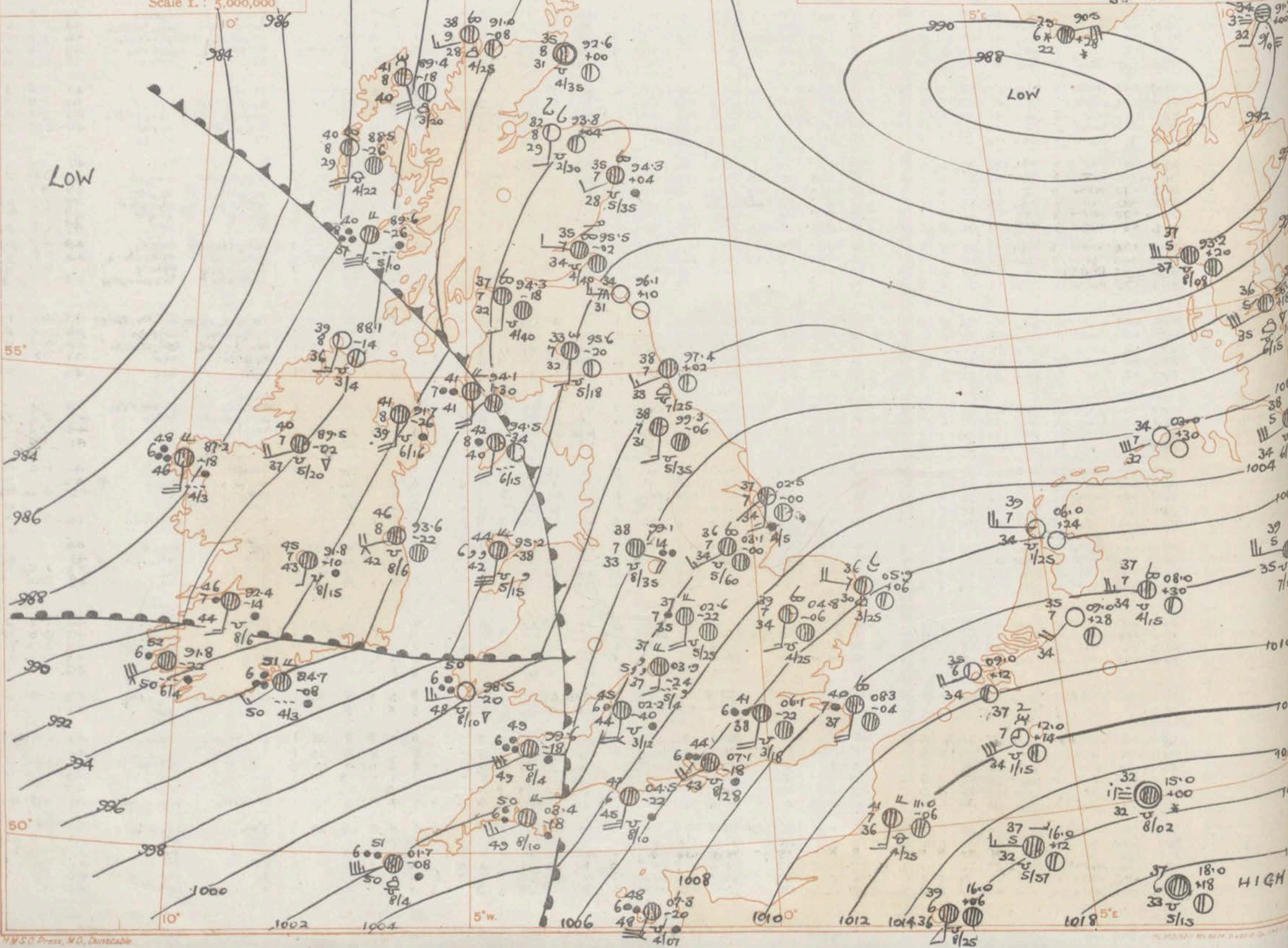
1947

## 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-day %
Kew ...	bc	bccmo	ebirgmo	46	38	33	-	0.3	37	92	91
Croydon ...	opbba	ccbcmo	bczmo	46	37	34	Tr	0.5	47	92	91
Greenwich ...	by	ccqrb	bcif	46	37	30	Tr	0.5	3.6	66	91
Westminster	.	.	.	48	39	37	-	0.4	.	75	94
Regents Park	.	.	.	47	38	34	-	0.5	.	75	92
Canlen Square	bc	c	.	47	38	32	-	0.5	.	.	94
Kensington ...	bc	bc	.	48	38	32	-	0.3	.	84	93
Hampstead ...	bc	bc	od	45	36	30	-	Tr	.	.	95

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.1 Time 16-18h. Min. 0.1 Time 18-19h. rest of period.





# GENERAL INFERENCE

A depression is centred south of Iceland, while pressure is high from Spain to France. It will be cloudy with periods of rain at first in all districts, but fair periods and showers will spread later in the day into the Northwest. It will be mainly rather mild.

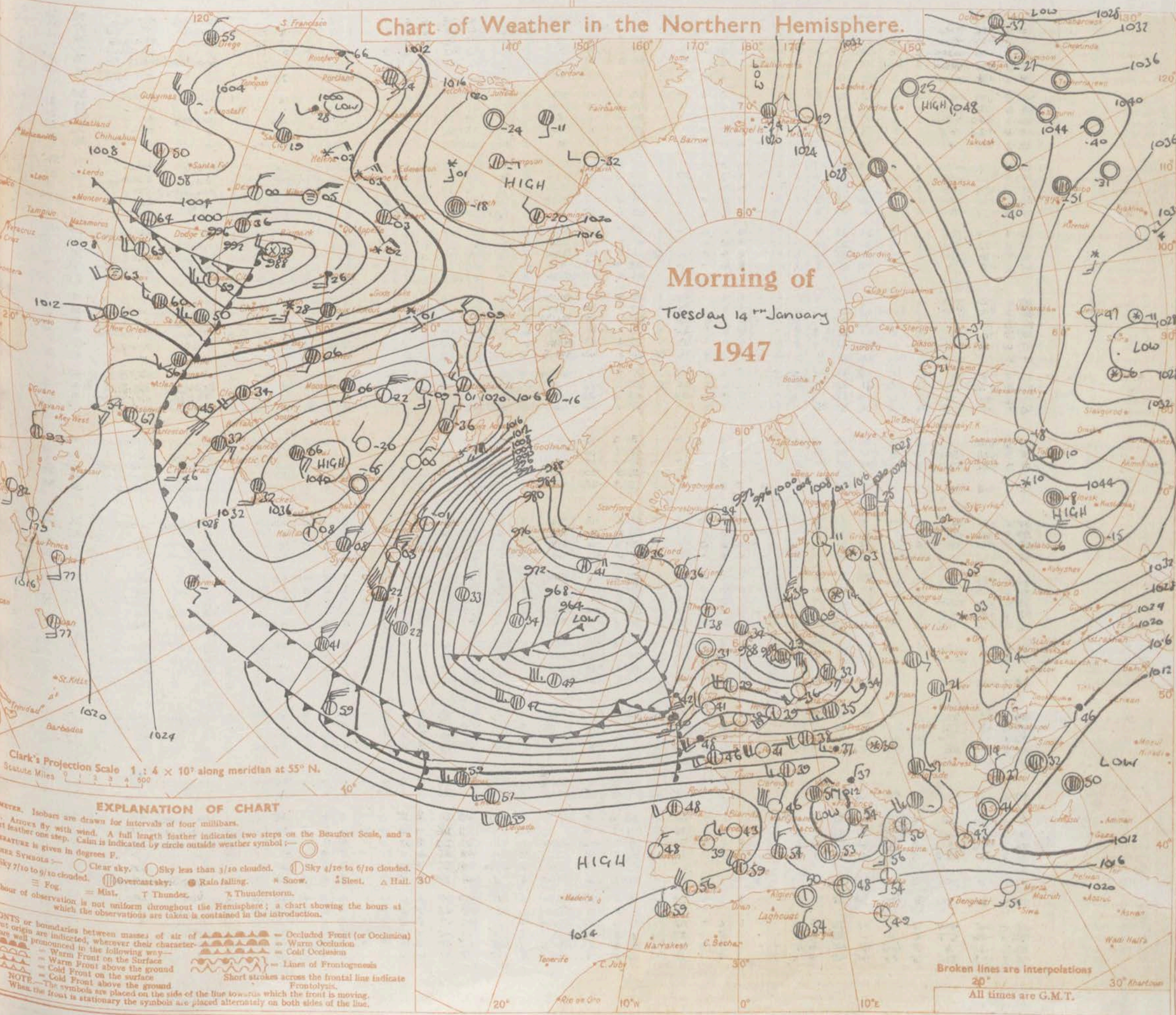
# FURTHER OUTLOOK

Cloudy with rain at times in most districts, but some bright periods in the West and North.

- ↓ Gale warning in operation in districts 6 and west of 5 issued at 1145/12/Jan
- ↓ Gale warning in operation in Channel Islands issued at 1335/12/Jan
- ↓ Gale warning in operation in districts 8 - North 17 - North 8 - North 7 - 13a - 13b - 12 - issued at 0300/14/Jan.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 14<sup>th</sup> January  
1947





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

Tuesday, 14th January 1947

No. 31099

[illegible]

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

\* Information not usually received.

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



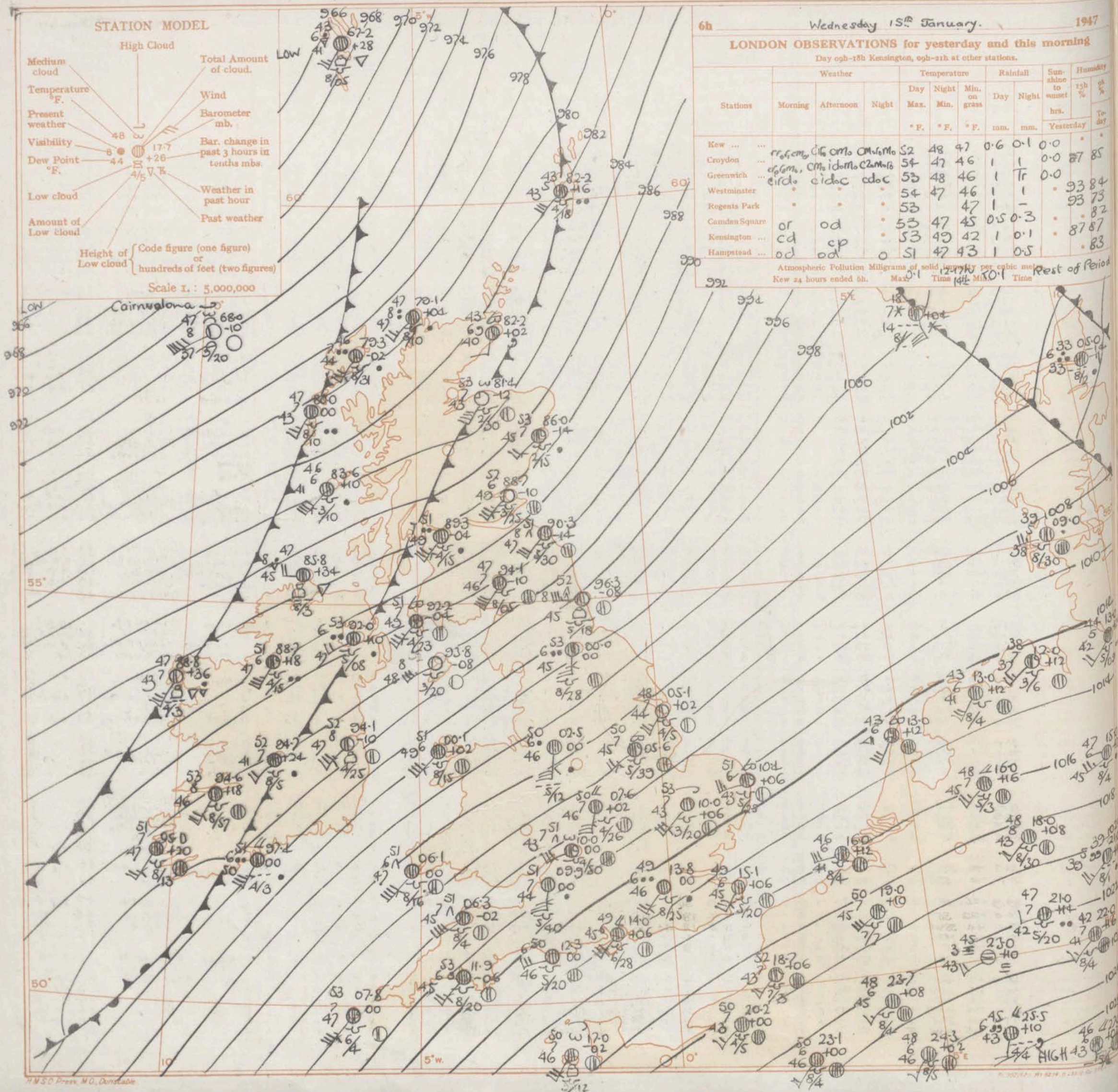
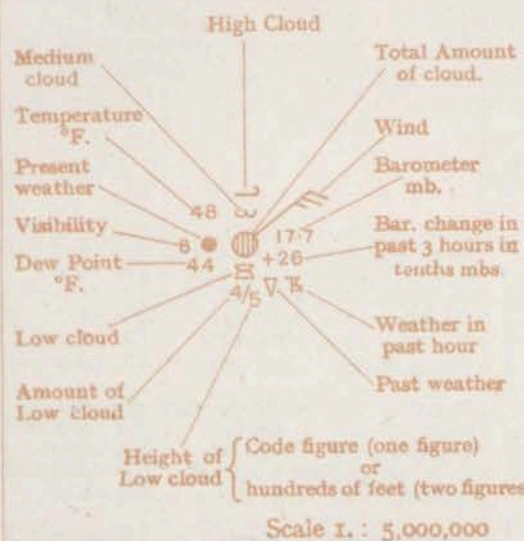
OBSERVATIONS at 12h. G.M.T. 14<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 14<sup>th</sup> January

OBSERVATIONS during DAY

OBSERVATIONS at 2 h. G.M.T. 14 <sup>th</sup> January.														OBSERVATIONS at 18h. G.M.T. 14 <sup>th</sup> January.														OBSERVATIONS during DAY													
Station.	Barom. at 12h.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.				Height of Base of Clouds in feet.	Barom. at 18h.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.				Height of Base of Clouds in feet.	State of Ground.	Weather.			Max. Temp. of day.	Sun- shine hrs.	Rain- fall inches.										
			Dir.	Force.				Form.	Amount.	Form.	Amount.				Form.	Amount.				Form.	Amount.	Dir.	Force.			Form.	Amount.	Dir.				Force.	Form.	Amount.	Dir.	Force.	Form.	Amount.			
			Low.	Med.				High.	Total.	Low.	Med.				High.	Total.				Low.	Med.	High.	Total.			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	04.3	0	SW 5	4	16	47	6	5	-	-	8	4	8	15	26	08.7	+26	SW 4	mo	51	47	6	5	-	-	7	7	-	40	-	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.6					
2 Croydon	04.6	0	SW 5	4	16	47	6	5	-	-	8	4	8	15	26	09.3	+26	SW 5	mo	52	46	6	5	-	-	7	7	-	40	-	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.6					
3 S. Farnborough	04.6	0	SW 5	4	16	47	6	5	-	-	8	4	8	15	26	09.3	+26	SW 5	mo	52	46	6	5	-	-	7	7	-	40	-	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.6					
4 Boscombe Down	04.6	0	SW 5	4	16	47	6	5	-	-	8	4	8	15	26	09.3	+26	SW 5	mo	52	46	6	5	-	-	7	7	-	40	-	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.6					
5 Calshot	06.5	+12	WSW 5	5	mo	52	50	6	5	-	-	8	5	8	15	25	09.6	+16	WSW 6	mo	51	49	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	2				
6 Tangmere	06.4	+6	SW 4	4	16	47	6	5	-	-	8	4	8	15	25	11.5	+24	SW 6	id.	51	48	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	2					
7 Lympne	06.7	-2	SSW 4	4	16	47	6	5	-	-	8	4	8	15	25	10.6	+34	WSW 6	mo	50	47	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	3					
8 Manston	06.9	-2	SSW 4	4	16	47	6	5	-	-	8	4	8	15	25	09.9	+20	WSW 5	mo	51	49	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.4					
9 Bexley	04.5	-10	SSW 4	4	16	47	6	5	-	-	8	4	8	15	25	07.5	+26	WSW 5	id.	51	49	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.2					
10 Felixstowe	04.7	-16	SSW 4	4	16	47	6	5	-	-	8	4	8	15	25	07.6	+26	WSW 4	id.	50	48	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.3					
11 Gorleston	04.3	-20	SW 5	5	16	47	6	5	-	-	8	4	8	15	25	04.2	+28	WSW 4	id.	54	48	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	1					
12 Mildenhall	03.2	-10	SSW 4	4	16	47	6	5	-	-	8	4	8	15	25	05.6	+22	SW 6	mo	51	48	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.2					
13 West Raynham	03.0	-6	S 4	4	16	47	6	5	-	-	8	4	8	15	25	03.3	+10	SSW 5	mo	51	50	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.2					
14 Waddington	01.1	-12	SW 3	3	16	47	6	5	-	-	8	4	8	15	25	01.8	+16	WS 5	id.	51	48	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.3					
15 Cranfield	02.9	-20	SW 5	5	16	47	6	5	-	-	8	4	8	15	25	06.0	+18	SW 5	mo	51	49	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.3					
16 Ronley	00.9	-8	SSW 4	4	16	47	6	5	-	-	8	4	8	15	25	04.4	+22	WSW 5	id.	51	49	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	1					
17 Little Rissington	02.9	-2	SW 4	4	16	47	6	5	-	-	8	4	8	15	25	06.6	+28	WSW 6	id.	53	46	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.6					
18 Defford	01.0	+4	SSW 4	4	16	47	6	5	-	-	8	4	8	15	25	06.0	+26	SSW 5	id.	53	47	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.3					
19 Bristol	03.3	+14	SSW 5	5	16	47	6	5	-	-	8	4	8	15	25	08.1	+26	SSW 5	id.	53	47	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.3					
20 Hartland Point	02.4	+26	WSW 6	6	16	47	6	5	-	-	8	4	8	15	25	06.0	+26	WSW 7	C	51	47	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	4					
21 Yeovilton	04.0	+12	WSW 5	5	16	47	6	5	-	-	8	4	8	15	25	08.3	+22	WSW 5	C	52	50	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	1					
22 Portland Bill	05.6	+12	WSW 6	6	16	47	6	5	-	-	8	4	8	15	25	08.7	+22	WSW 5	O	51	49	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	1					
23 Exeter	06.3	+24	WSW 5	5	16	47	6	5	-	-	8	4	8	15	25	10.5	+22	SW 5	dr	55	46	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.5					
24 Plymouth	07.3	+38	W 5	5	16	47	6	5	-	-	8	4	8	15	25	11.0	+34	WS 5	dr	52	48	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.2					
25 St. Eval	06.7	+22	SW 6	6	16	47	6	5	-	-	8	4	8	15	25	09.1	+14	SW 7	C	52	45	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	1					
26 Predannack	07.9	+26	WS 8	8	16	47	6	5	-	-	8	4	8	15	25	14.5	+12	SW 5	mo	50	49	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	1					
27 Guernsey	11.1	+28	SW 6	6	16	47	6	5	-	-	8	4	8	15	25	07.6	+12	SW 6	C	52	48	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	2					
28 Scilly, St. Marys	05.8	+22	WSW 7	7	16	47	6	5	-	-	8	4	8	15	25	06.8	+20	SW 7	mo	50	46	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.3					
29 Fairwood	02.5	+20	SW 5	5	16	47	6	5	-	-	8	4	8	15	25	03.2	+12	WSW 7	mo	51	47	6	5	-	-	8	5	8	15	25	1	For. mo. mo.	ci. mo. mo.	52	0.0	0.3					
30 Pembroke	00.3	+26	WSW 6	6	16	47	6	5	-	-	8	4	8	15	25	04.3	+22	WSW 6	mo	51	47	6	5	-																	



## STATION MODEL





# GENERAL INFERENCE

A deep depression south of Iceland is moving slowly northeast. A trough of low pressure from Northwest Scotland to South Ireland will move slowly eastwards. Occasional showers and fair periods will occur in North and West Scotland. Cloudy conditions with occasional rain will affect North Ireland and Southeast Scotland but fair periods and occasional showers will follow later. In England and Wales weather will be mainly cloudy but some bright periods will occur in the southeast; occasional rain or drizzle will occur in the North and West especially over high ground and near the coasts. During tomorrow showers and fair periods will spread into Northwest England and North Wales. Hill fogs will occur in western districts. It will be mild in the Southeast and rather mild in the North West.

# FURTHER OUTLOOK

Fair in Southeast, occasional rain showers in Northwest. Mild in Southeast, rather mild in Northwest.

- Gale warning in operation in districts 6, west 5, issued at 1145/12 Jan
- Gale warning in operation in districts 18, North 17, 13a, 13b, 12, North 8, 7, issued at 0300/14 Jan.
- Gale warning in operation in districts East 5, 1, issued at 1325/14 Jan
- Gale warning in operation in districts 16, 15, 14, 11, 10, 9, South 8, 4, 3, 2, issued at 1630/14 Jan.

## Chart of Weather in the Northern Hemisphere

Morning of  
Wednesday 15<sup>th</sup> January  
1947

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

### EXPLANATION OF CHART

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

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—  
— Warm Front on the surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
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.



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

Wednesday 15th January 1947

No. 31100

[illegible]

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\* Information not usually received.

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



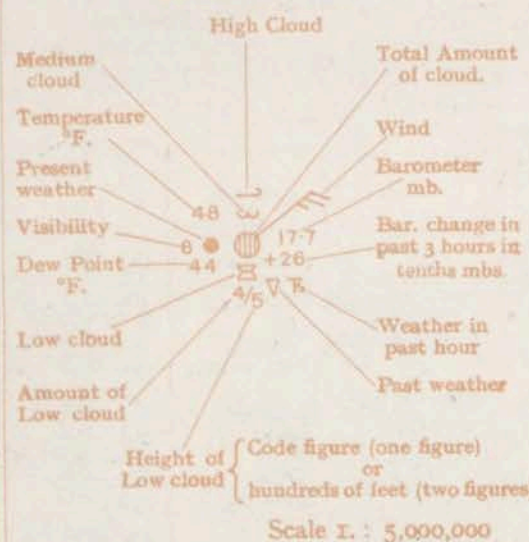
OBSERVATIONS at 12h. G.M.T. 15<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 15<sup>th</sup> January

## OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 15th January	OBSERVATIONS at 18h. G.M.T. 15th January	OBSERVATIONS during DAY																																						
STATIONS.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	State of Ground.	Weather.	Max. Temp. 24h.	Sun. shine.	Rain.															
(For heights see p. 4.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
Kew	14.5	0	SSW	6	C	51	45	7	5	7	11	40	15.6	+6	SW	4	2	49	42	6	5	1	7	7	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Croydon	15.5	+2	SSW	5	C	51	44	7	5	6	10	25	16.2	+2	SW	5	4	48	43	6	5	1	7	7	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
S. Farnborough	14.6	+6	SSW	5	C	51	44	7	5	6	10	25	16.2	+2	SW	5	4	48	43	6	5	1	7	7	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Boscombe Down	13.4	+12	SSW	5	C	50	45	7	5	6	10	25	15.1	+6	SW	5	4	48	43	6	5	1	7	7	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Calshot	161	+6	SSW	5	C	51	45	7	5	6	10	25	17.8	+2	SW	5	4	48	43	6	5	1	7	7	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Tangmere	160	-2	SW	5	C	50	46	7	5	6	10	25	17.0	+6	SW	5	4	48	43	6	5	1	7	7	21	1	1	1	1	1	1	1	1	1	1	1	1	1		
Lympne	12.8	+4	SSW	6	bc	50	45	7	5	6	10	25	18.1	-2	SSW	4	btc	45	41	8	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Manston	16.7	-2	SW	7	C	52	45	7	5	6	10	25	17.4	+6	SSW	5	btc	48	47	7	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Bexley	15.0	+4	SSW	5	C	51	44	7	5	6	10	25	15.4	+2	SSW	5	C	50	47	7	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Felixstowe	14.9	+2	SW	6	GPC	50	43	7	5	6	10	25	16.0	+6	SW	4	GPC	45	41	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Gorleston	12.5	+8	SW	6	bc	51	43	7	5	6	10	25	14.9	+12	SSW	4	GPC	48	42	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Mildenhall	12.5	+6	SSW	5	C	53	45	7	5	6	10	25	13.4	+4	SSW	6	C	51	49	7	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
West Raynham	10.7	+8	SSW	5	C	51	44	7	5	6	10	25	12.0	+6	SSW	4	C	49	47	7	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Waddington	08.1	+10	SW	5	C	52	46	7	5	6	10	25	08.9	+6	SW	4	C	51	47	7	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Cranfield	11.7	+4	SW	6	C	50	45	7	5	6	10	25	12.7	+6	SW	5	C	50	47	7	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Honiley	08.8	0	SSW	6	C	51	45	7	5	6	10	25	10.1	+10	S	6	C	51	45	7	7	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Little Rissington	11.2	+2	SW	6	C	49	45	8	5	8	15	25	12.3	+12	SSW	7	C	48	46	7	5	1	8	8	11	25	1	1	1	1	1	1	1	1	1	1	1			
Defford	09.1	+2	S	7	C	53	44	8	5	8	15	25	10.3	+10	SW	6	C	52	45	6	5	1	8	8	11	25	1	1	1	1	1	1	1	1	1	1	1	1		
Bristol	11.5	+6	SSW	7	C	52	46	7	5	8	15	25	11.6	+6	SSW	6	C	51	45	6	5	1	8	8	11	25	1	1	1	1	1	1	1	1	1	1	1	1		
Hartland Point	07.8	+14	SW	7	C	51	46	7	5	8	15	25	09.0	+6	SW	7	C	51	48	7	5	1	8	8	11	25	1	1	1	1	1	1	1	1	1	1	1	1		
Yeovilton	12.7	+6	SWW	6	C	52	49	7	5	8	15	25	13.6	+6	SSW	5	C	52	48	7	5	1	8	8	11	25	1	1	1	1	1	1	1	1	1	1	1	1		
Portland Bill	13.7	+4	SW	6	C	50	46	6	5	6	15	25	14.5	+4	SW	5	btc	50	46	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Exeter	13.6	+6	SW	5	no	53	45	7	5	8	15	25	14.6	+6	SSW	4	btc	52	47	5	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Plymouth	13.6	+6	SW	5	no	52	48	7	5	8	15	25	13.8	+4	SSW	5	btc	52	47	5	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
St. Eval	11.1	+8	SSW	8	cd	51	46	7	5	8	15	25	11.5	+2	SSW	5	cd	51	48	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Predannack	12.3	+2	SW	5	cd	51	47	7	5	8	15	25	12.3	0	SW	7	C	51	49	7	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Guernsey	17.6	-2	SW	5	GPC	51	47	7	5	8	15	25	17.6	+6	SW	4	btc	49	44	8	6	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Scilly, St. Marys	08.9	+6	SW	7	C	53	48	6	5	8	15	25	09.5	+6	SSW	6	C	52	48	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Fairwood	10.0	+12	SSW	7	C	51	45	6	5	8	15	25	10.4	+10	S	6	C	50	46	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1			
Pembroke	05.2	+6	SW	7	C	51	47	6	5	8	15	25	07.0	+14	SW	7	C	50	49	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Aberperth	05.2	+6	SW	7	C	51	47	6	5	8	15	25	07.4	+14	SW	7	C	50	49	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Penrhos	05.2	+6	SW	7	C	51	47	6	5	8	15	25	07.4	+14	SW	7	C	50	49	6	5	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Holyhead (Valley)	01.3	-2	SW	8	id																																			



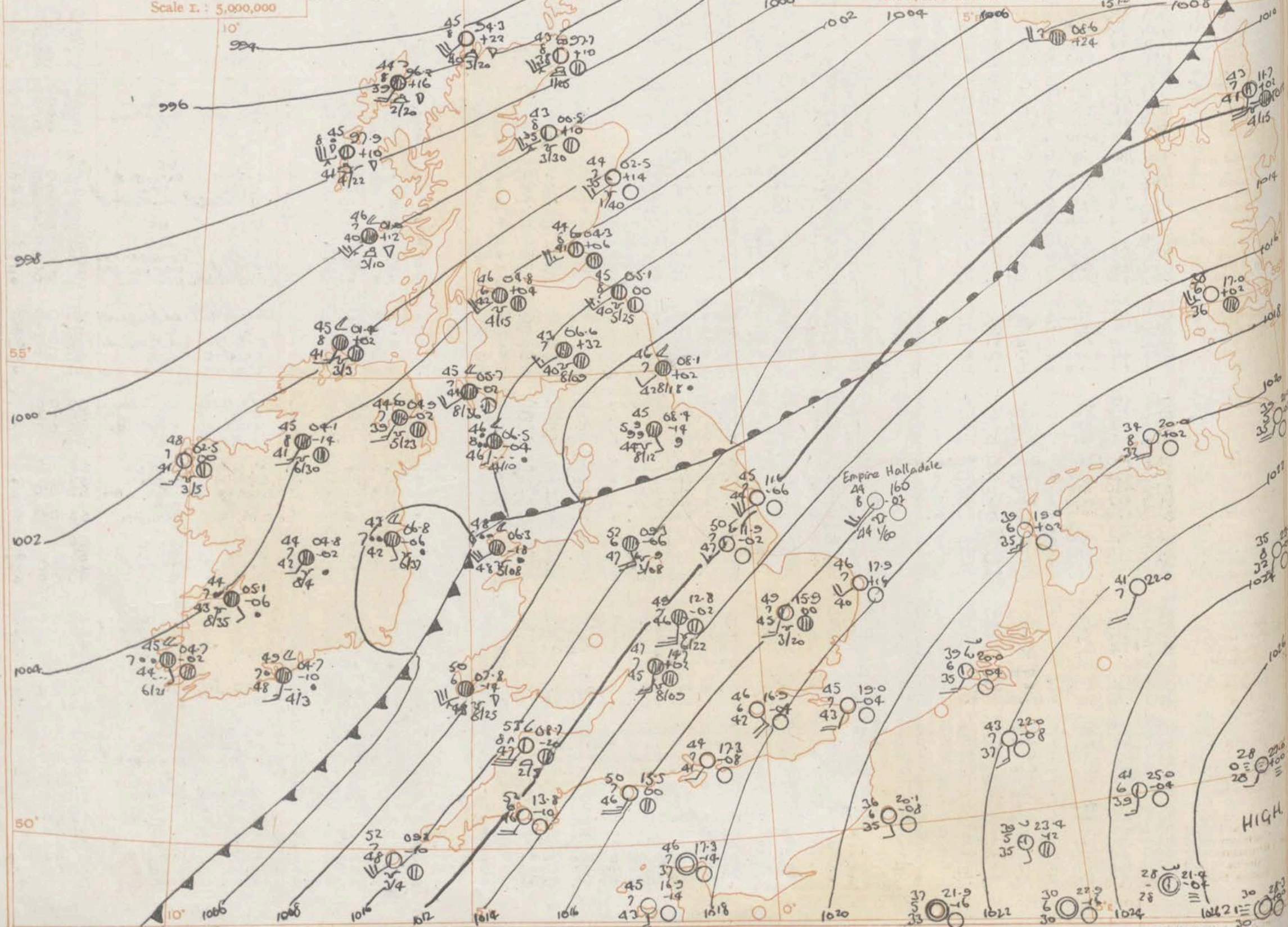
## STATION MODEL

6h Thursday 16<sup>th</sup> January 1947

## 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	Max.	Min.	Min. on grass	Day	Night		15h %	Yr. def.
Kew ...	C	C	Ob	51	45	40	-	-	0.0	85	85
Croydon ...	C	C	Ob	50	44	40	0.1	-	0.1	85	85
Greenwich ...	C	C	Ob	52	44	33	-	-	0.0	84	83
Westminster ...	.	.	.	53	46	38	-	-	.	81	87
Regent's Park ...	.	.	.	52	46	40	-	-	.	75	77
Camden Square ...	C	C	.	53	47	37	-	-	.	85	87
Kensington ...	bcc	C	.	53	44	36	-	-	.	80	87
Hampstead ...	O	bc	bc	50	44	37	-	-	.	73	73

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.1 Time 17/19 15/15 10/08 Rest of period



# GENERAL INFERENCE

A deep depression east of Iceland is moving slowly northeast and a small wave on the associated cold front over the Irish Sea is moving northeast. There will be occasional rain and low cloud in the West and Northwest. Weather will be fair in the East and Southeast. It will be mainly mild.

# FURTHER OUTLOOK

Fair in the Southeast, occasional rain in the West and North.

▼ Gale warning in operation in districts 5, 6, 16.  
Issued at 1145 GMT, 12<sup>th</sup> and 0300 GMT on 14<sup>th</sup> respectively.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 16<sup>th</sup> January  
1947

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

### EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
Wind. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS** — Clear sky. — Sky less than 3/10 clouded. — Sky 4/10 to 6/10 clouded. — Sky 7/10 to 9/10 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.  
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— Warm Front on the Surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
NOTE: The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

— 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.



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

Thursday 16th January 1947

No. 31101

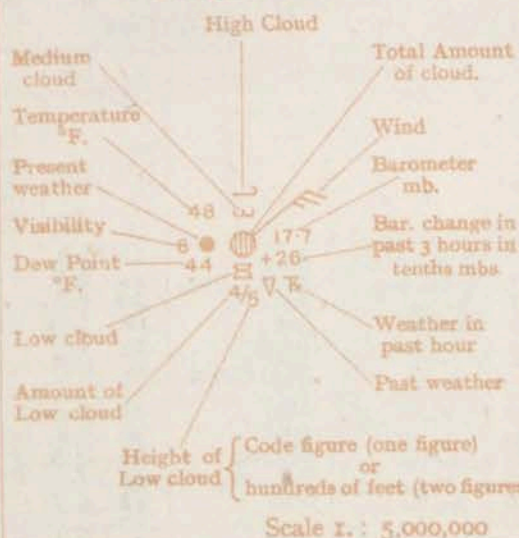
OBSERVATIONS at 00hr. G.M.T. 16th January																	OBSERVATIONS at 06hr. G.M.T. 16th January																	OBSERVATIONS during NIGHT																
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (5)	Dew Point (6)	Visibility (7)	Cloud.					Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (21)	Dew Point (22)	Visibility (23)	Cloud.					State of Ground. (33)	Weather.		Temperature (35)		Rain (43)																		
					Dir. (3)	Force (4)				Form.	Amount.		Height of Base Hundreds of feet.				Dir. (19)	Force (20)				Form.	Amount.		Height of Base Hundreds of feet.			15h.-00h. (39)	00h.-06h. (40)	Min. (41)	Max. on Grass (42)																			
										Low.	Med.	High.	Total.	A. (12)	B. (13)								Low.	Med.	High.	Total.	A. (24)				B. (25)																			
1	Kew	16					47									16.5	-6	SSW	4	46	43	2							cm-bc	bcw	45	40																		
	Croydon	217	17.2	+6	SSW	4	48	42	6					25		16.3	-6	SSE	4	46	43	2							cm-bc	bcw	44	40																		
	S. Farnborough	226	17.3	+6	SSW	4	48	42	6					25		16.3	-6	SSE	4	46	43	2							cm-bc	bcw	45	39																		
	Boscombe Down	417	17.4	+4	SSW	4	48	42	6					25		16.2	-6	SSE	4	46	43	2							cm-bc	bcw	43	34																		
	Calshot	8	17.1	+2	SW	4	49	44	7					16		16.8	-6	SW	4	48	44	7							bc	bc	46	43																		
	Tangmere	53	18.2	+10	SW	4	45	43	7					17.3		17.3	-8	SW	2	44	41	7							b	b	39	35																		
	Lymington	342	18.5	+8	SSW	4	45	41	8					19.0		19.0	-6	SW	4	44	42	8							b	bbw	43	36																		
	Manston	140	17.3	+10	SSW	4	46	42	8					17.8		17.8	-2	SSW	4	45	43	8							bc	bc	42	37																		
	Boston	165	17.6	+8	SSW	4	46	42	8					17.7		17.7	-2	SSW	4	44	40	8							bc	bc	39	34																		
	Felixstowe	10	17.7	+10	SSW	4	42	38	6					17.9		17.9	+16	SW	4	46	40	7							bc	bc	41	35																		
	Gorleston	5	15.8	+2	WSW	4	46	37	6					17.9		17.9	+16	SW	4	46	40	7							bc	bc	43	34																		
	Mildenhall	15	15.0	+4	SSW	4	49	43	7					15.9		15.9	0	SW	3	49	45	7							bc	bc	46	41																		
	West Raynham	250	14.1	+8	SSW	4	46	43	7					14.7		14.7	-2	SSW	3	48	46	7							bc	bc	45	41																		
	Waddington	235	11.6	+10	SSW	4	51	47	8					11.9		11.9	-2	SSW	3	50	47	8							bc	bc	48	42																		
	Cranfield	340	14.0	+2	SW	4	48	44	8					14.7		14.7	0	SW	4	48	44	8							bc	bc	42	43																		
	Honley	427	12.5	+6	S	5	49	45	8					12.8		12.8	-2	S	5	49	46	8							bc	bc	46	43																		
4	Little Rissington	731	14.0	+4	SW	6	48	46	7					14.7		14.7	+2	S	4	47	45	7							bc	bc	43	39																		
	Defford	58	12.6	+10	SW	5	51	45	7					13.8		13.8	-4	SW	4	51	46	7							bc	bc	49	46																		
5	Bristol	209	13.8	+10	S	3	52	48	6					13.7		13.7	-6	S	4	53	49	6							bc	bc	47	40																		
	Hartland Point	199	10.5	+6	SW	7	52	48	7					10.8		10.8	-20	SW	6	53	49	7							bc	bc	49	47																		
	Yeovilton	50	10.5	+6	SW	7	52	48	7					14.1		14.1	0	S	4	49	49	7							bc	bc	47	35																		
	Portland Bill	32	15.5	+2	SSW	4	50	46	6					15.5		15.5	0	SSW	5	50	46	6							bc	bc	48	42																		
	Exeter	100	15.3	-2	SW	4	53	48	6					13.4		13.4	-10	SSW	4	53	48	6							bc	bc	47	42																		
	Plymouth	86	14.8	+2	SSW	4	52	49	6					11.6		11.6	-10	SSW	6	51	47	6							bc	bc	49	42																		
	St. Eval	345	12.6	+4	SSW	4	52	49	6					12.6		12.6	-6	SSW	6	51	47	6							bc	bc	49	42																		
	Predannack	293	12.7	-4	SW	6	51	49	7					12.9		12.9	-14	S	6	51	49	7							bc	bc	51	39																		
	Guernsey	340	18.8	+2	SW	3	47	46	7					16.9		16.9	-14	S	3	45	43	7							bc	bc	43	39																		
6	Scilly, St. Marys	163	19.7	+4	SSW	6	51	49	7					19.2		19.2	-10	SSW	6	52	48	7							bc	bc	50	46	0.1																	
	Fairwood	208	12.1	+8	S	7	51	48	6					11.3		11.3	-10	S	4	50	49	6							bc	bc	48	46	1.2																	
	Pembroke	142	08.6	+10	SW	7	50	50	6					08.8		08.8	-14	SW	6	50	48	6							bc	bc	45	48	3																	
	Aberporth	425	09.7	+12	SW	5	51	50	6					08.2		08.2	-14	SSW	6	50	47	6							bc	bc	45	48																		
7	Pearthos	63																																																
	Holyhead (Valley)	32	08.8	+16	SSW	4	46	46	6					06.3		06.3	-18	SW	6	48	48	6							bc	bc	45	45	14																	
	Hawarden	15	09.6	+18	WSW	4	50	47	6					09.2		09.2	-6	SW	6	53	48	6							bc	bc	48	46	0.1																	
8	Manchester	210	09.1	+10	SW	4	51	49	6					09.3		09.3	-6	SSW	4	52	49	6							bc	bc	50	42	8																	
	Squires Gate	33												08.5		08.5	-20	S	4	46	44	6							bc	bc	44	43	4																	
	Carlisle	100	06.1	+24	WSW	4	48	43	6					07.7		07.7	+2												bc	bc	42	40																		
9	Ashbourne	590																																																
	Finnigley	28	10.2	+6	SW	5	52	51	7					10.3		10.3	-6	SW	5	51	49	6								bc	bc	50	47																	
10	Spurn Head	29	11.6	+14	SW	5	48	44	7					11.6		11.6	-6	SSW	6	45	44	7								bc	bc	44	44	0.2																
	Leeming	105	08.1	+22	SSW	3	48	42	7					08.4		08.4	-14	SE	1	45	44	7								bc	bc	44	39																	
	Tynemouth	108	06.1	+24	SW	3	49	40	7																																									



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



## STATION MODEL



6h Friday 17th January 1947

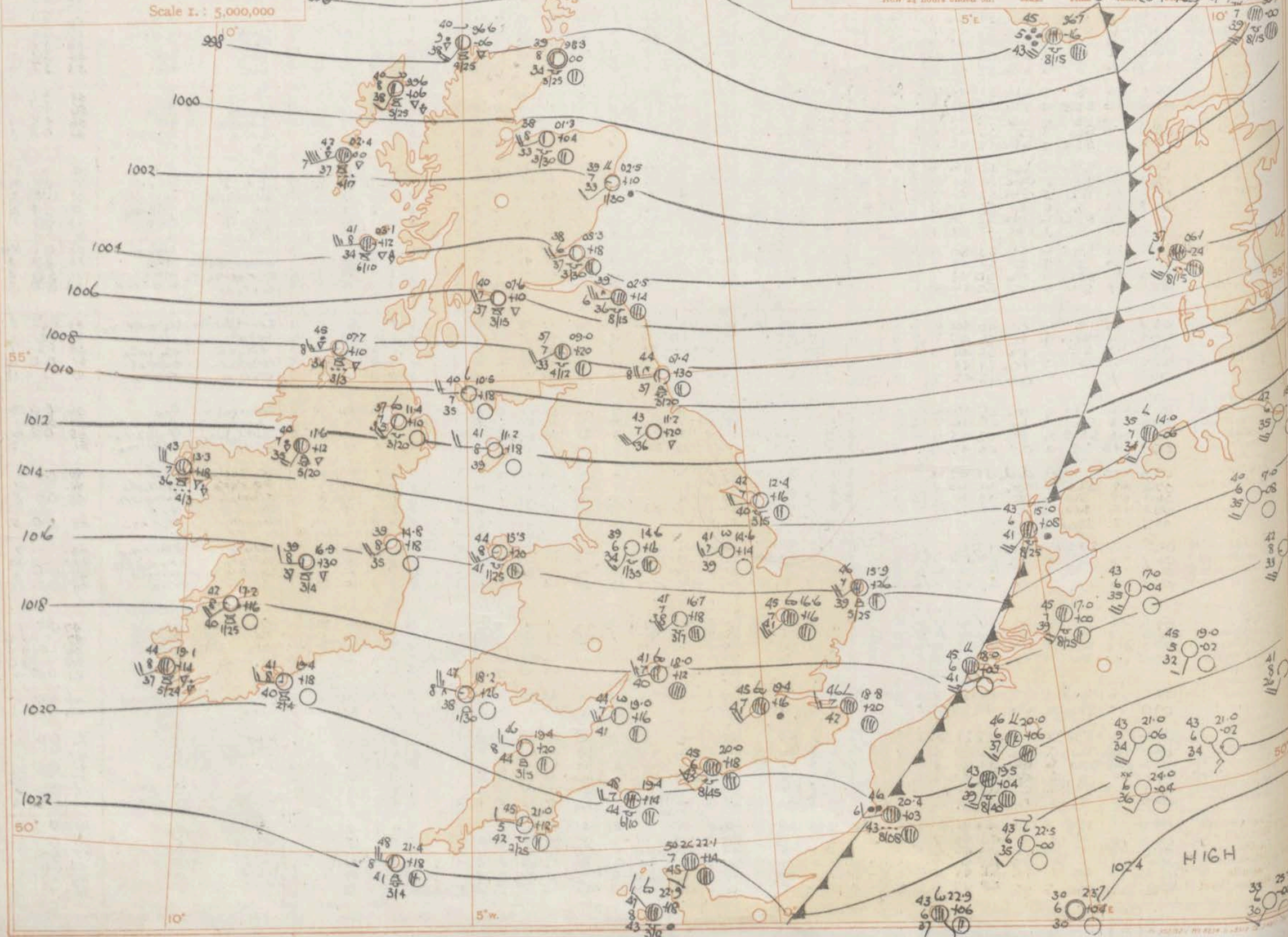
## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To-day
Kew ...	bmo20	bc20	bc16	52	44	33	-	1	5.9	75	75
Croydon ...	bmo620	b20	bc16	54	43	40	-	0.6	6.8	75	75
Greenwich ...	b	b	bc16	54	44	37	-	0.8	6.5	73	83
Westminster	b	b	b	56	43	36	-	0.7	8	81	91
Regents Park	.	.	.	55	44	40	-	0.9	7.2	72	87
Canalen Square	b	bc	.	55	44	39	-	0.8	.	86	87
Kensington ...	bcc	bc	.	55	45	39	-	0.7	.	.	.
Hampstead ...	.	.	.	.	.	.	.	.	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. Time 6h Min. 10h 15h 21h 24h of period





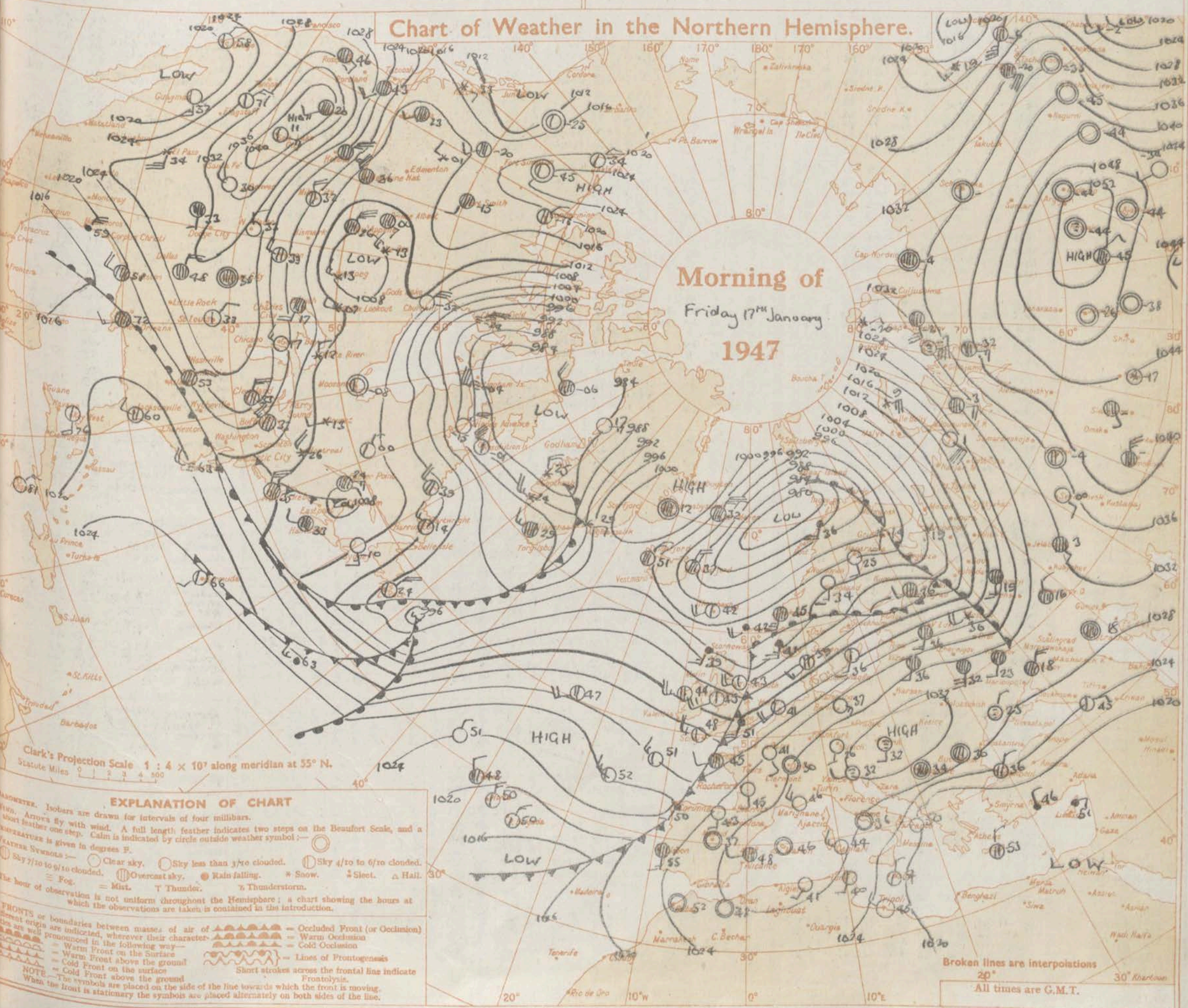
1947  
 75  
 73  
 81  
 72  
 86

**GENERAL INFERENCE**  
 A westerly stream of air covers the British Isles. It will be fair or fine in the Midlands and East. Scattered showers will occur in West Wales but further north showers will be more frequent with local hail and thunder. It will be mild in the South and rather cold in the North.

**FURTHER OUTLOOK**  
 Rain spreading across western and northern districts, mainly fair in the South East.

# Chart of Weather in the Northern Hemisphere.

Morning of  
 Friday 17<sup>th</sup> January  
 1947



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
 Statute Miles 0 100 200 300 400 500

## EXPLANATION OF CHART

**ISOBARS.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE.** is given in degrees F.  
**WEATHER SYMBOLS:** — Clear sky. — Sky less than 3/10 clouded. — Sky 4/10 to 6/10 clouded. — Sky 7/10 to 9/10 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.  
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.  
**FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—**  
 — Warm Front on the surface  
 — Warm Front above the ground  
 — Cold Front on the surface  
 — Cold Front above the ground  
 — Occluded Front (or Occlusion)  
 — Warm Occlusion  
 — Cold Occlusion  
 — Lines of Frontogenesis  
 Short strokes across the frontal line indicate Frontolysis.  
**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

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



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday 17<sup>th</sup> January 1947

No. 31102

OBSERVATIONS at 00hr. G.M.T. 17 <sup>th</sup> January															OBSERVATIONS at 06hr. G.M.T. 17 <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.		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.	A.	B.			Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.	A.	B.		18h.-00h.	00h.-06h.	Min. °F.	Min. on Grass °F.	
1	Kew	26	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Croydon	217	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	S. Farnborough	226	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Boscombe Down	417	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Calshot	8	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
2	Lymington	53	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Lymington	53	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Lymington	53	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Lymington	53	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Lymington	53	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
3	Mildenhall	15	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	West Raynham	250	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Waddington	235	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Cranfield	340	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Honiley	427	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
4	Little Rissington	731	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Defford	58	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Bristol	209	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Hartland Point	299	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Yeovilton	30	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
5	Portland Bill	32	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Exeter	100	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Plymouth	86	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	St. Eval	345	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Predannack	293	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
6	Scilly, St. Marys	163	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Fairwood	268	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Pembroke	142	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Aberporth	425	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Penrhos	63	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
7	Holyhead (Valley)	32	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Hawarden	15	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Manchester	330	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Squires Gate	33	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Carlisle	100	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
8	Ashbourne	590	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Finnigley	28	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	+0.1	SSW	4	bc	47	43	7	Low	8	4	4	30.1	bc	bc	44	38	0.6		
	Spurn Head	20	30.1	+0.1	SSW	4	bc	47																										



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

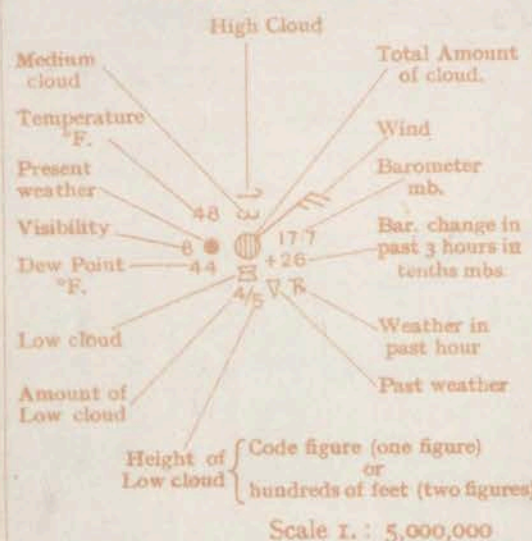
OBSERVATIONS at 18h. G.M.T. 17th January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 17th January																	OBSERVATIONS at 18h. G.M.T. 17th January																	OBSERVATIONS during DAY																																			
No.	Station.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Height of Base Hundred feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Height of Base Hundred feet.	State of Ground.	Weather.				Max. Temp. 1st. °F.	Sun- shine Hrs.	Rain 1st. in.																																				
				Dir.	Force.				Low.	Med.	High.	Total.				Low.	Med.				High.	Total.	Dir.	Force.			Low.	Med.	High.	Total.				Dir.	Force.	Low.	Med.	High.	Total.	Dir.	Force.	Low.	Med.	High.	Total.																								
																																														Form.				Amount.				Form.				Amount.				Form.				Amount.			
																																														Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)																																
1	Kew	23.6	+16	WS	3	Mo	46	42	6	1	3	4	1	28	27.3	+22	WSW	2	20	44	37	6	1	1	0	0	0	1	bcmo	bcmo	50	30	0																																				
2	Croydon	24.3	+18	WS	4	bc	47	40	7	1	3	4	2	30	27.6	+18	WSW	4	20	43	35	4	1	1	0	0	0	1	bc	bc	50	40	0																																				
3	S. Farnborough	24.6	+22	WSW	4	bbc	47	41	7	1	7	4	3	20	27.9	+24	W	3	4	41	37	4	1	1	0	0	0	1	bc	bc	51	33	0																																				
4	Boscombe Down	24.3	+16	WS	4	bc	46	41	8	1	7	4	3	20	27.9	+24	W	3	4	41	37	4	1	1	0	0	0	1	bc	bc	51	33	0																																				
5	Calshot	25.3	+20	W	3	bc	49	43	9	2	3	4	3	25	28.7	+18	W	3	4	46	37	4	1	1	0	0	0	1	bcmo	bc	51	49	0																																				
6	Tangmere	25.4	+20	WN	3	Mo	49	42	6	1	3	4	3	20	28.3	+20	Mo	0	41	38	6	9	1	1	0	0	0	1	bcmo	bcmo	51	37	0																																				
7	Lymington	24.1	+18	WS	3	c	46	42	7	1	3	4	3	20	26.8	+18	WSW	3	6	41	38	7	1	1	0	0	0	1	c	bc	48	17	0																																				
8	Manston	23.5	+18	WS	4	c	47	44	7	1	7	4	3	20	26.6	+14	WSW	3	6	42	36	6	1	1	0	0	0	1	c	bc	49	30	0																																				
9	Bexhill	22.9	+16	WSW	4	bc	45	40	7	1	7	4	3	20	26.2	+22	WSW	3	6	41	36	6	1	1	0	0	0	1	c	bc	48	30	0																																				
10	Felixstowe	22.3	+22	WS	4	Mo	48	44	6	1	3	4	3	20	28.3	+18	WS	3	6	43	37	6	1	1	0	0	0	1	emo	bcmo	50	30	0																																				
11	Gorleston	22.0	+20	W	4	bbc	46	38	7	1	3	4	3	20	23.4	+26	SSW	3	bbc	44	35	4	2	1	0	0	0	1	bc	bc	49	30	0																																				
12	Mildenhall	21.8	+10	WSW	3	b	48	40	7	1	8	2	2	20	24.9	+22	SWW	4	b	41	34	7	1	1	0	0	0	1	b	b	49	52	0																																				
13	West Raynham	20.2	+18	SW	5	b	45	39	8	1	8	2	2	20	23.6	+22	SWW	4	b	41	34	7	1	1	0	0	0	1	b	b	47	60	0																																				
14	Waddington	19.6	+22	WSW	4	Mo	43	39	5	1	8	2	2	20	23.5	+26	WN	3	Mo	40	35	6	1	1	0	0	0	1	b	b	47	60	0																																				
15	Gransfield	22.3	+20	W	5	b	45	40	7	1	8	2	2	20	25.7	+20	WNW	4	b	40	34	8	1	1	0	0	0	1	b	b	48	60	0																																				
16	Honiley	22.0	+16	SW	5	c	46	37	8	1	4	3	3	16	25.7	+22	W	3	b	41	32	8	1	1	0	0	0	1	b	b	47	60	0																																				
17	Little Rissington	23.2	+18	WSW	3	b	45	38	7	1	8	2	2	20	27.1	+24	W	3	b	38	33	8	1	1	0	0	0	1	b	b	46	70	0																																				
18	Defford	22.9	+18	W	4	bc	41	37	9	2	8	2	2	20	26.4	+18	WSW	4	b	42	35	9	1	1	0	0	0	1	b	b	50	70	0																																				
19	Bristol	24.0	+20	WSW	4	b	48	41	7	1	8	2	2	20	27.6	+18	W	4	b	42	38	7	1	1	0	0	0	1	b	b	48	60	0																																				
20	Hartland Point	24.8	+24	WNW	3	b	47	42	8	2	6	3	3	20	28.1	+16	WNW	3	b	46	42	8	1	1	0	0	0	1	b	b	48	60	0																																				
21	Yeovilton	24.6	+40	W	2	bc	50	43	8	2	6	3	3	20	28.0	+22	WSW	2	b	41	38	7	1	1	0	0	0	1	b	b	48	60	0																																				
22	Portland Bill	24.3	+20	W	4	bc	49	45	7	1	8	2	2	20	28.0	+22	WN	2	b	48	41	7	1	1	0	0	0	1	b	b	50	60	0																																				
23	Exeter	26.0	+20	W	3	bc	49	40	8	2	8	2	2	20	29.5	+18	WSW	2	p	48	38	7	1	1	0	0	0	1	b	b	51	60	0																																				
24	Plymouth	26.6	+20	W	3	b	49	43	8	2	8	2	2	20	29.8	+16	WNW	1	b	48	38	7	1	1	0	0	0	1	b	b	52	60	0																																				
25	St. Eval	26.6	+16	W	4	bc	49	42	8	2	8	2	2	20	29.8	+16	WNW	1	b	48	38	7	1	1	0	0	0	1	b	b	52	60	0																																				
26	Predannack	27.0	+20	WN	5	bc	49	43	8	2	8	2	2	20	29.8	+16	WNW	1	b	48	38	7	1	1	0	0	0	1	b	b	52	60	0																																				
27	Guernsey	27.8	+20	W	3	c	49	44	8	2	8	2	2	20	31.2	+22	WN	2	b	46	42	8	1	1	0	0	0	1	b	b	52	60	0																																				
28	Scilly, St. Marys	27.0	+26	WN	4	b	51	40	8	2	8	2	2	12	30.0	+22	WNW	3	b	47	39	8	1	1	0	0	0	1	b	b	52	60	0																																				
29	Fairwood	24.3	+18	W	4	b	47	40	8	2	8	2	2	20	27.7	+16	WN	3	b	40	36	7	1	1	0	0	0	1	b	b	49	60	0																																				
30	Pembroke	23.6	+26	WNW	5	b	47	38	9	1	8	2	2	20	27.1	+16	WNW	3	b	47	38	8	1	1	0	0	0	1	b	b	49	60	0																																				
31	Aberporth	23.2	+18	W	4	bc	45	39	9	1	8	2	2	20	27.1	+22	W	3	b	42	36	8	1	1	0	0	0	1	b	b	46	60	0																																				
32	Penrhos	23.2	+18	W	4	bc	45	39	9	1	8	2	2	20	27.1	+22	W	3	b	42	36	8	1	1	0	0	0	1	b	b	46	60	0																																				
33	Holyhead (Valley)	21.3	+30	W	5	bc	46	40	8	2	8	2	2	20	24.8	+20	W	5	bc	44	39	8	1	1	0	0	0	1	b	b	48	60	0																																				
34	Hawarden	20.4	+24	W	5	b	47	37	8	2	8	2	2	20	24.7	+24	WSW	3	b	41	36	7	1	1	0	0	0	1	b	b	4																																						



## STATION MODEL



6h

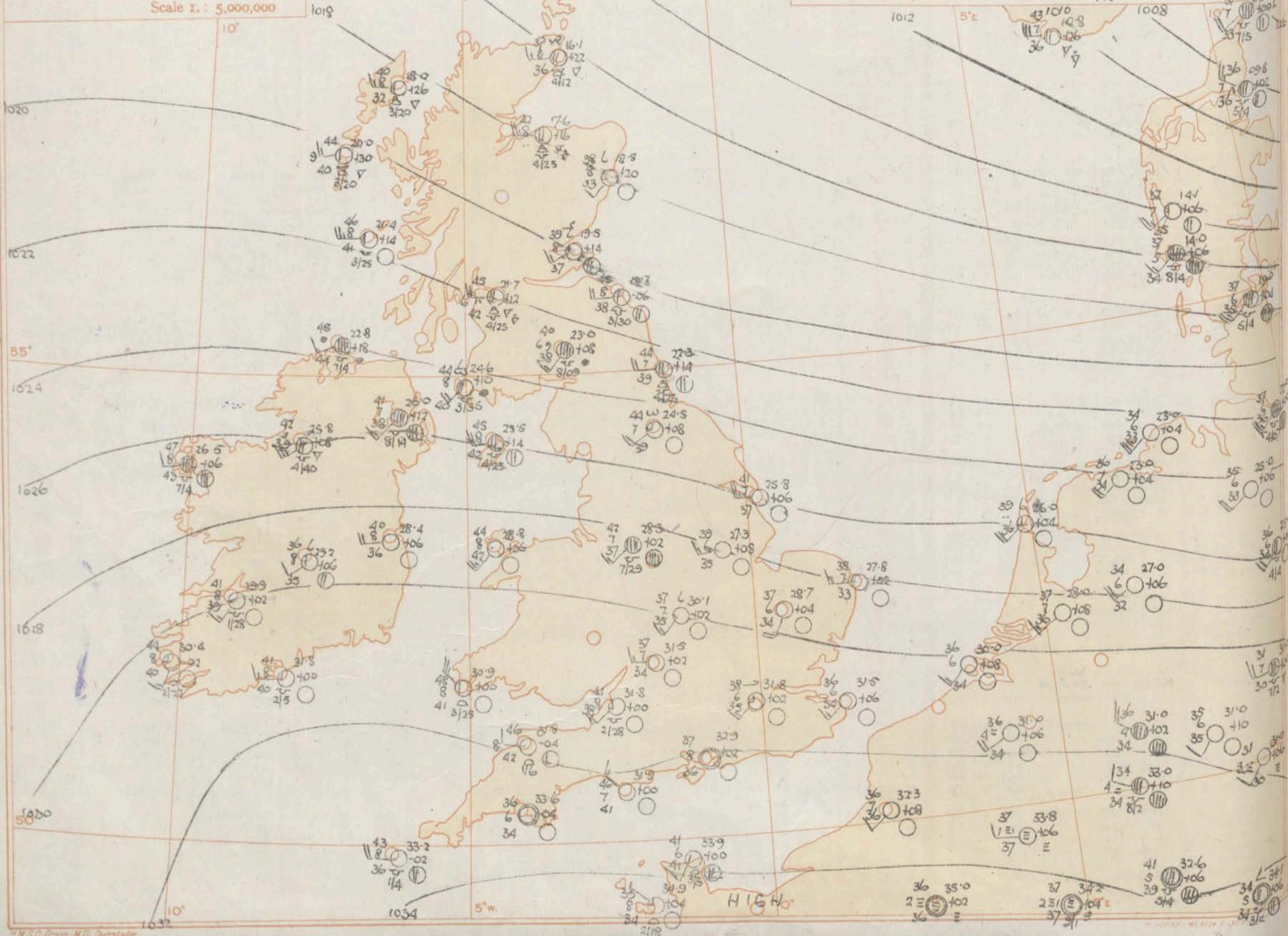
Saturday 18th January

1947

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sun- set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yest.	To- day
Kew	bcno	bcob20	bcnaw	50	33	28	-	Tr	3.0	65	90
Croydon	cbobc	bcob20	bmo	50	37	32	-	-	4.2	63	89
Greenwich	c	bcob	bcm	49	35	26	-	Tr	2.5	77	97
Westminster	.	.	.	50	37	28	-	Tr	.	77	91
Regents Park	.	.	.	50	37	32	-	Tr	.	77	98
Camden Square	b	cr	.	51	37	30	0.8	-	.	80	96
Kensington	bc	bc	.	50	36	29	Tr	Tr	.	.	96
Hampstead	bc	bcobh	bc	48	35	30	0.5	-	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic meter  
Kew 24 hours ended 6h. Max. 0.1 Time 7.14 Min. 0.1 Time 18.14



The anticyclone over H. France is spreading North East. Weather will be mainly fair over the British Isles with long bright periods in many districts but there will be scattered showers in the North and Northwest. There will be considerable fog probably developing in the latter part of the night in the Midlands East, and North England. It will be rather mild by day but there will be general ground frost during the night.

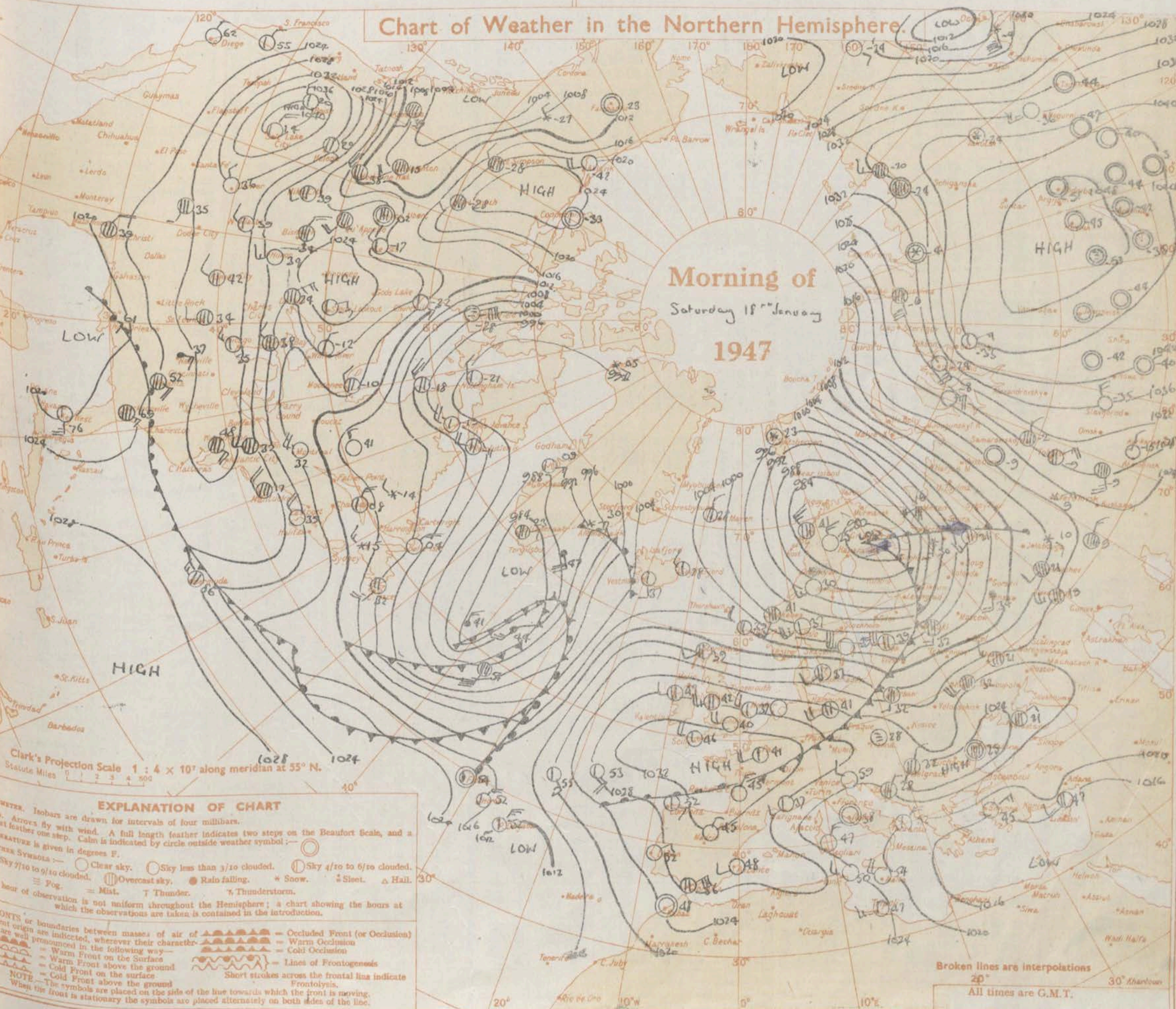
#### GENERAL INFERENCE

Continuing dry over much of the country, but some fog.

#### FURTHER OUTLOOK

### Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 18<sup>th</sup> January  
1947



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

#### EXPLANATION OF CHART

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:  
— Warm Front on the surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
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.

Saturday 18<sup>th</sup> January 1947  
No. 31103.

[illegible]

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

\* Information not usually received.

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



OBSERVATIONS at 12h. G.M.T. 18<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 19<sup>th</sup> January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 18th January																			OBSERVATIONS at 18h. G.M.T. 18th January																			OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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6h Sunday 19<sup>th</sup> January

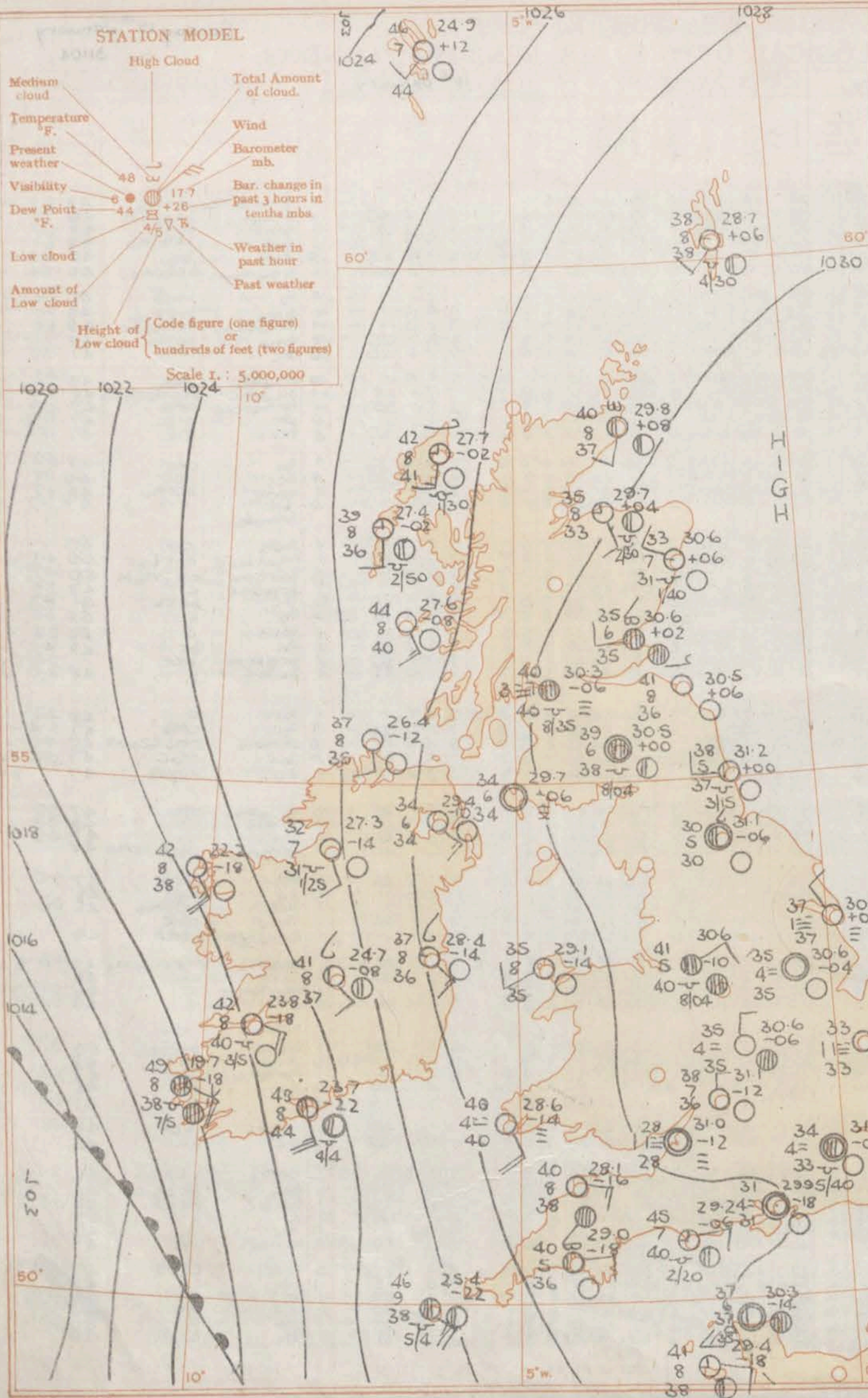
1947

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
Kew	bmoxbz	cbcbzobzof	48	34	26	-	tr	56	77	95	
Croydon	bmoxbz	pcbzbombcm	44	33	28	-	-	70	83	96	
Greenwich	bm	b	bcbz	48	35	27	-	tr	83	96	
Westminster	.	.	.	53	36	29	-	.	96	97	
Regents Park	.	.	.	.	.	.	-	-	89	97	
Camden Square	b	c	.	48	36	28	-	-	89	97	
Kensington	bc	bcbz	.	49	36	29	-	-	98	98	
Hampstead	bcm	bc	of	48	35	29	-	-	.	.	

Atmospheric Pollution Miligrams of solid impurity per cubic metre  
Kew 24 hours ended 6h. Max. 0.3 Time 18.1 Min. 10.1 Time 13hr. 18.1.47



North Sea and Eastern near large persist for Ireland w tonight on mainly m

BAROMETER. WIND. ARROW. SHORT. WEATHER SYM. SKY 7/10. The hour of. FRONTS of different origins. NOT. When



# GENERAL INFERENCE

The anticyclone covering much of the British Isles, North France and Western North Sea will move steadily North east. Fairly general fog will persist in the Midlands and Eastern England to-night and to-morrow morning. Fog will be thick in places especially near large towns. There will be some fog in Western England and East Wales which will persist locally near large towns to-night. Elsewhere in Wales, Scotland and in Northern Ireland weather will be fair or fine at first but some rain is probable in the West later to-night or to-morrow morning. It will be rather cold in foggy areas with light winds but mainly mild elsewhere with moderate southerly winds.

# FURTHER OUTLOOK

Becoming fair in the East, rain in the West. Mainly rather cold.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 19<sup>th</sup> January.  
1947

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

### EXPLANATION OF CHART

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 is given in degrees F.  
WEATHER SYMBOLS — ○ Clear sky. ○ Sky less than 1/10 clouded. ○ Sky 1/10 to 2/10 clouded. ○ Sky 3/10 to 4/10 clouded. ○ Sky 5/10 to 6/10 clouded. ○ Sky 7/10 to 8/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. △ Sleet. △ Hail. ☼ Fog. ☼ Mist. ☼ Thunder. ☼ Thunderstorm.  
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way —  
— Warm Front on the surface  
— 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.



## OBSERVATIONS during NIGHT

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

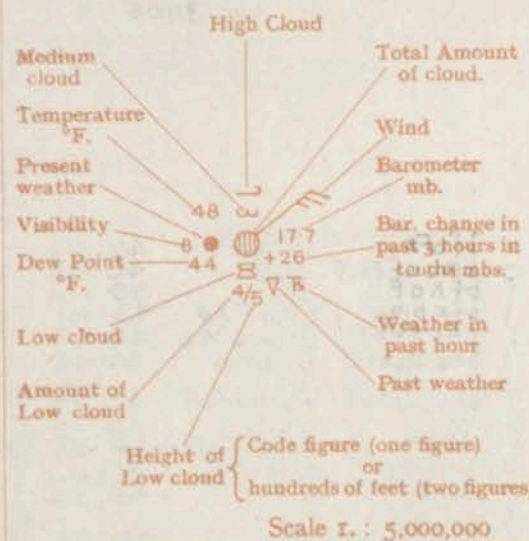


## OBSERVATIONS during DAY

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



# STATION MODEL



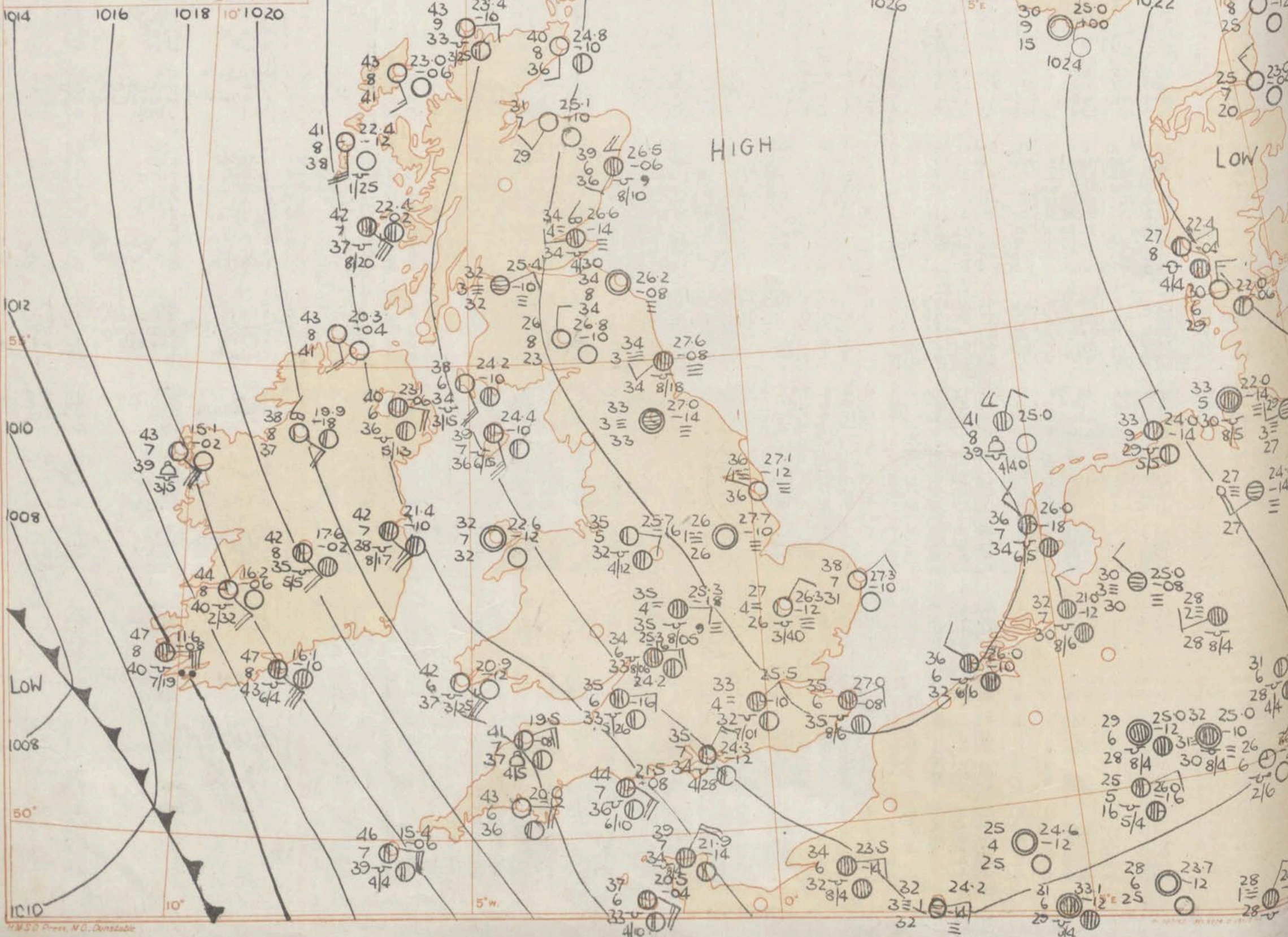
6h Monday 20<sup>th</sup> January 1947

## 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.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yest.	To-day
Kew	bfofx	offgcf	offbmo	40	34	23	-	tr	00		
Croydon	bmo cf	ofform	offbmo	40	31	30	-	-	0.3	97	100
Greenwich	FF	FF	fc bmo	39	33	29	-	tr	0.0		
Westminster				41	33	32	-	-		95	93
Regents Park				39	33	28	-	-		95	95
Camden Square	of	o		29	33	27	-	-			94
Kensington	of	offbc2		40	34	29	-	-		97	98
Hampstead	of	om	bcm	37	31	29	-	-			96

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 5h. Max. 0.6 Time 13hrs Min. 0.1 Time 8.1hrs





## GENERAL INFERENCE

The anticyclone covering Western Scandinavia, North Sea and Eastern parts of Great Britain is moving slowly northeast and troughs of low pressure are approaching southwest districts of Great Britain and Ireland but are filling up and becoming stationary. It will be cloudy with local rain in Southwest districts of Great Britain and rather cold owing to fresh or strong winds. Elsewhere it will be mainly fair and cold with night frost but there will be local fog night and morning in Eastern districts and Midlands.

## FURTHER OUTLOOK

Occasional rain in southwest districts spreading very slowly northeast. Mainly fair in east districts with night frost and local fog night and early morning.

↓ Gale warning in operation in areas 5, 6, 12, 13a, 13b, and 18. Issued at 1455 G.M.T. 19<sup>th</sup> January.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 20<sup>th</sup> January  
1947

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

## EXPLANATION OF CHART

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



## OBSERVATIONS during NIGHT

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



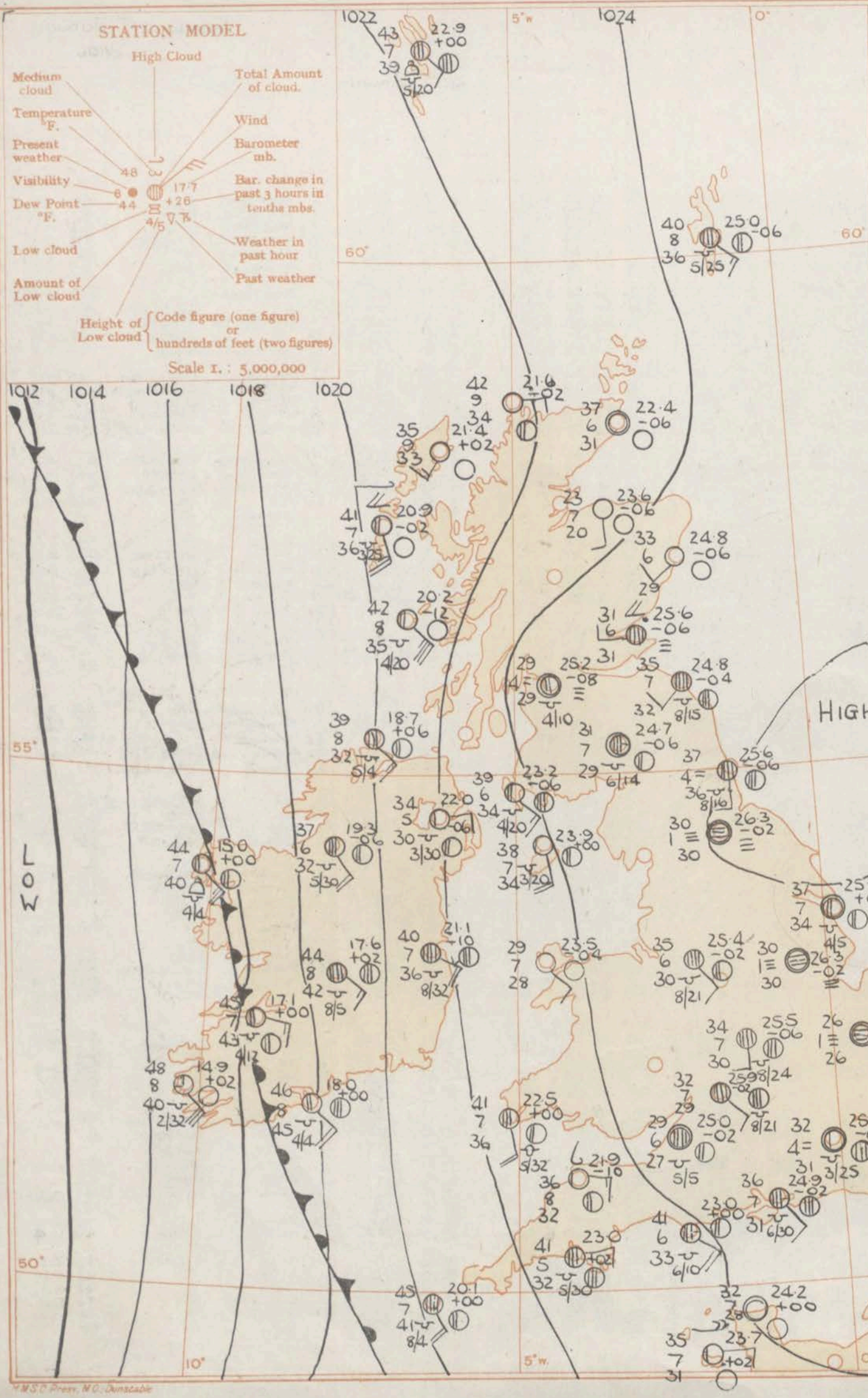
## OBSERVATIONS during DAY

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, 28, 29, 30).

0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{10}$	6 = $\frac{2}{10}$	8 = Completely covered.
1 = Trace	3 = $\frac{1}{10}$	5 = $\frac{1}{10}$	7 = More than 9 but with openings.	9 = Sky obscured by fog, etc.





**6h Tuesday 21<sup>st</sup> January 1947**

**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		Yester.	To-day
				* F.	* F.	* F.	mm.	mm.		%	%
Kew ...	bbsfx	c2o	c2oM0	40	31	32	-	-	0.0	70	97
Croydon ...	bbsfx	c2o	c2oM0	41	30	25	-	-	1.0	65	88
Greenwich ...	bbsfx	c	cbsbx	40	28	19	-	-	0.9	79	98
Westminster	.	.	.	42	31	26	-	-	.	65	95
Regents Park	.	.	.	40	31	24	-	-	.	.	98
Camden Square	cfc	c	.	40	31	23	-	-	.	70	92
Kensington ...	bc	bcc	.	41	31	25	-	-	.	.	82
Hampstead ...	bc	bc	bcmf	38	32	25	-	-	.	.	.

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.6 Time 10.15 hrs. Min. 0.1 Time 15 hrs. 20.1-47

A ridge of high pressure is moving from the north, bringing with it a cold, dry, and clear day. The weather is generally fine, with some light clouds in the morning. The temperature is in the 30s and 40s, and the wind is light and variable. The barometer is steady, and the humidity is low. The weather is generally good, with some light clouds in the morning. The temperature is in the 30s and 40s, and the wind is light and variable. The barometer is steady, and the humidity is low.

**BAROMETER.**  
WIND. AIRY.  
TEMPERATURE.  
WEATHER SYM.  
Sky 7/10  
The hour of  
FRONTS in  
different origi  
lines are well  
NOT  
When



1947 morning

**GENERAL INFERENCE**

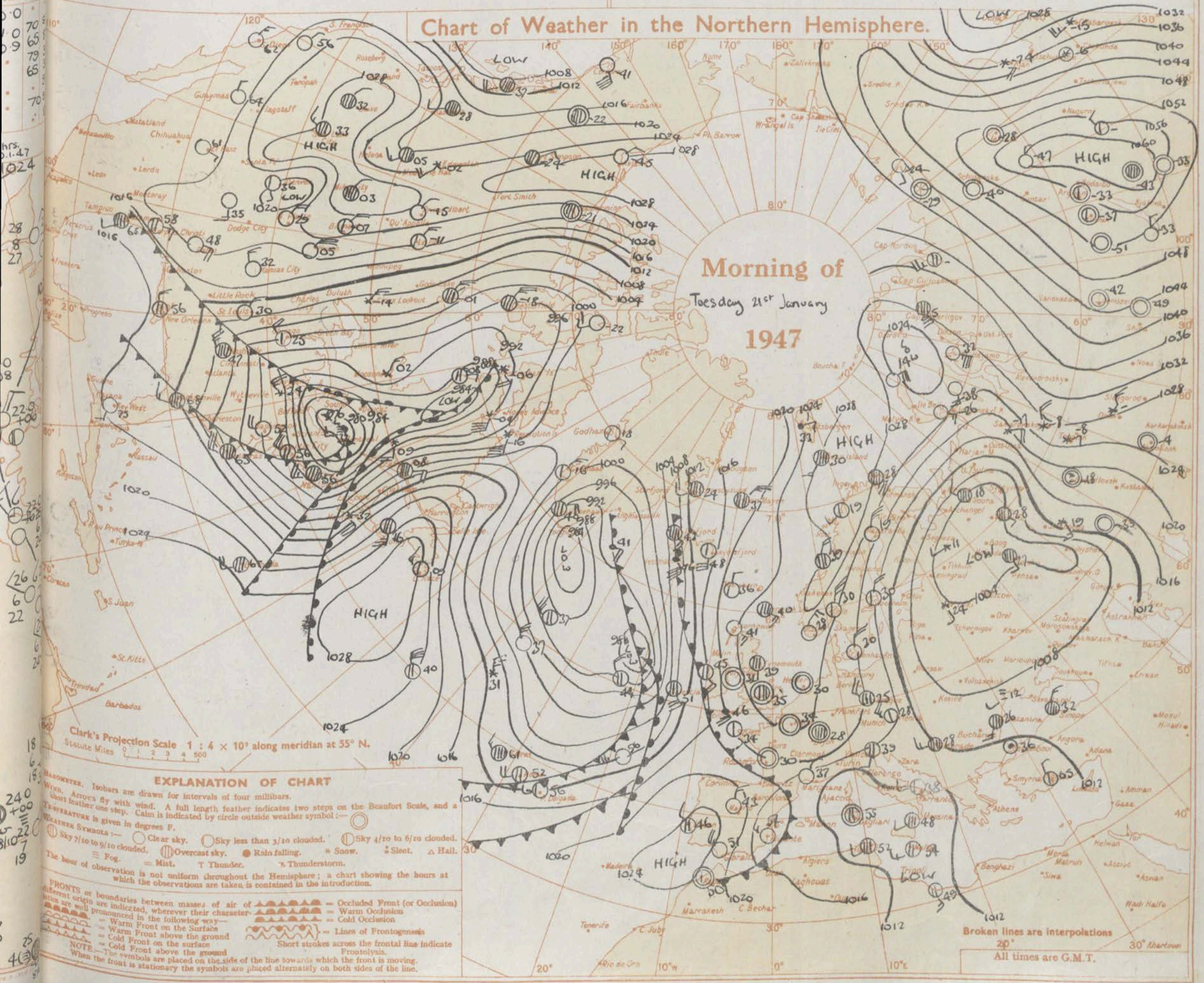
A ridge of high pressure from Scandinavia to Eastern England is declining slowly, whilst troughs of low pressure are moving slowly towards West and Southwest districts. Weather will be mainly fair in all districts today, but local fog will persist near large towns in the Midlands and Eastern districts. During the night the fog will become more extensive and will affect all areas except the extreme West. Local rain will affect the extreme West and Southwest later tonight. It will be cold generally with local frost tonight in the Midlands and East but it will become mild in the extreme West and South-west later.

**FURTHER OUTLOOK**

Fair and cold with local fog in the East, but mild conditions with local rain in the West, spreading slowly eastwards.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 21st January  
1947





[illegible]

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

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



OBSERVATIONS at 12 h. G.M.T. 21<sup>st</sup> January

OBSERVATIONS at 18h. G.M.T. 21<sup>st</sup> January

## OBSERVATIONS during DAY

[illegible]

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

0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{2}$	6 = $\frac{8}{10}$
1 = Trace	3 = $\frac{3}{10}$	5 = $\frac{4}{10}$	7 = More than 9 but with openings.

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

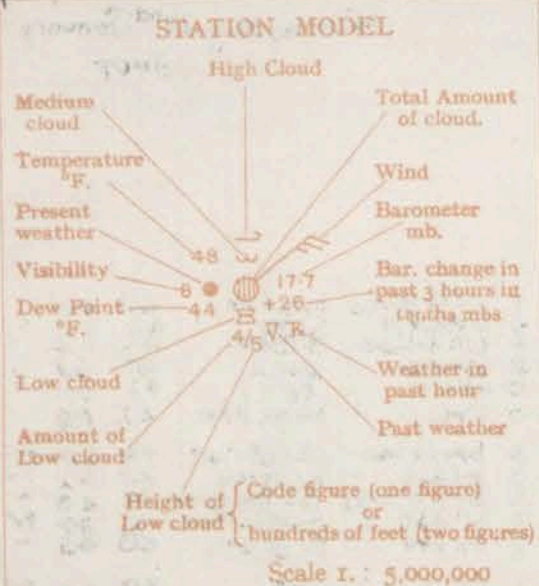
A = Lowest cloud present.

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.



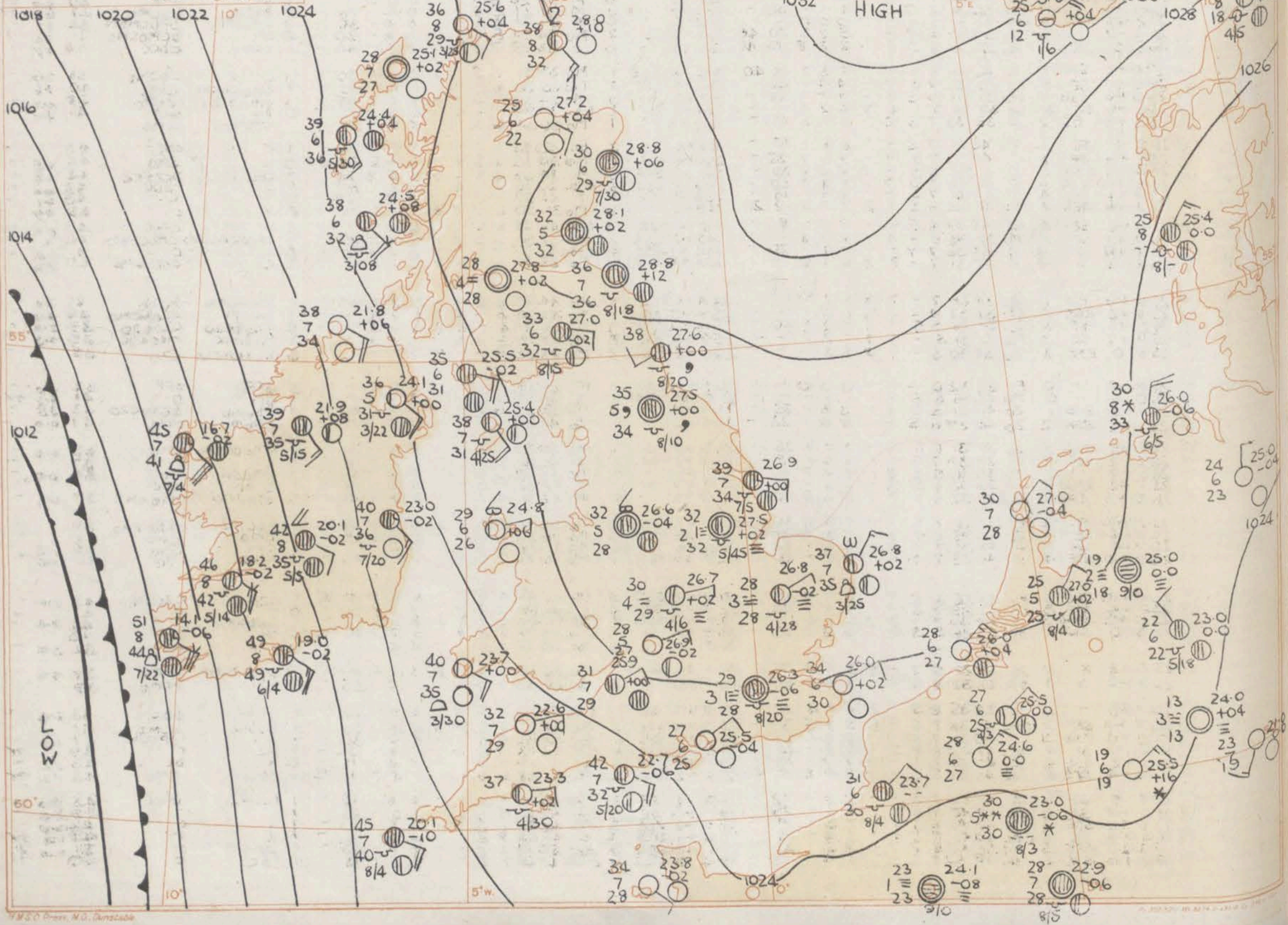


6h Wednesday 22nd January 1947

**LONDON OBSERVATIONS for yesterday and this morning**  
Day 09h-18h Kensington, 09h-24h 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-day %
Kew ...	offbc	b2o ffx	offx	40	26	20	-	tr	0.0	84	72
Croydon ...	brm cfm	b2o x	brm x	43	25	16	-	tr	0.4	84	90
Greenwich ...	cff	fggcf	ffcm	38	27	26	-	-	-	90	89
Westminster ...	.	.	.	45	33	22	-	-	-	91	87
Regents Park ...	.	.	.	36	30	23	-	-	-	80	87
Camden Square ...	ofbc	ofc	.	37	29	21	N4	N4	.	.	.
Kensington ...	.	.	.	38	30	23	-	-	-	.	.
Hampstead ...	.	.	.	.	.	.	-	-	-	.	.

Atmospheric Pollution Milligrams of solid impurities per cubic meter.  
Kew 24 hours ended 6h. Max. Time 24h Min. Time 24h



Along Main the after district in the South

Clark's Statue

Barometer. In Wind. Arrows. Short feather. Temperature. Weather. Sky 7/10 to 10/10. The hour of day.

PROBES of different heights. Scales are well. NOTE. When



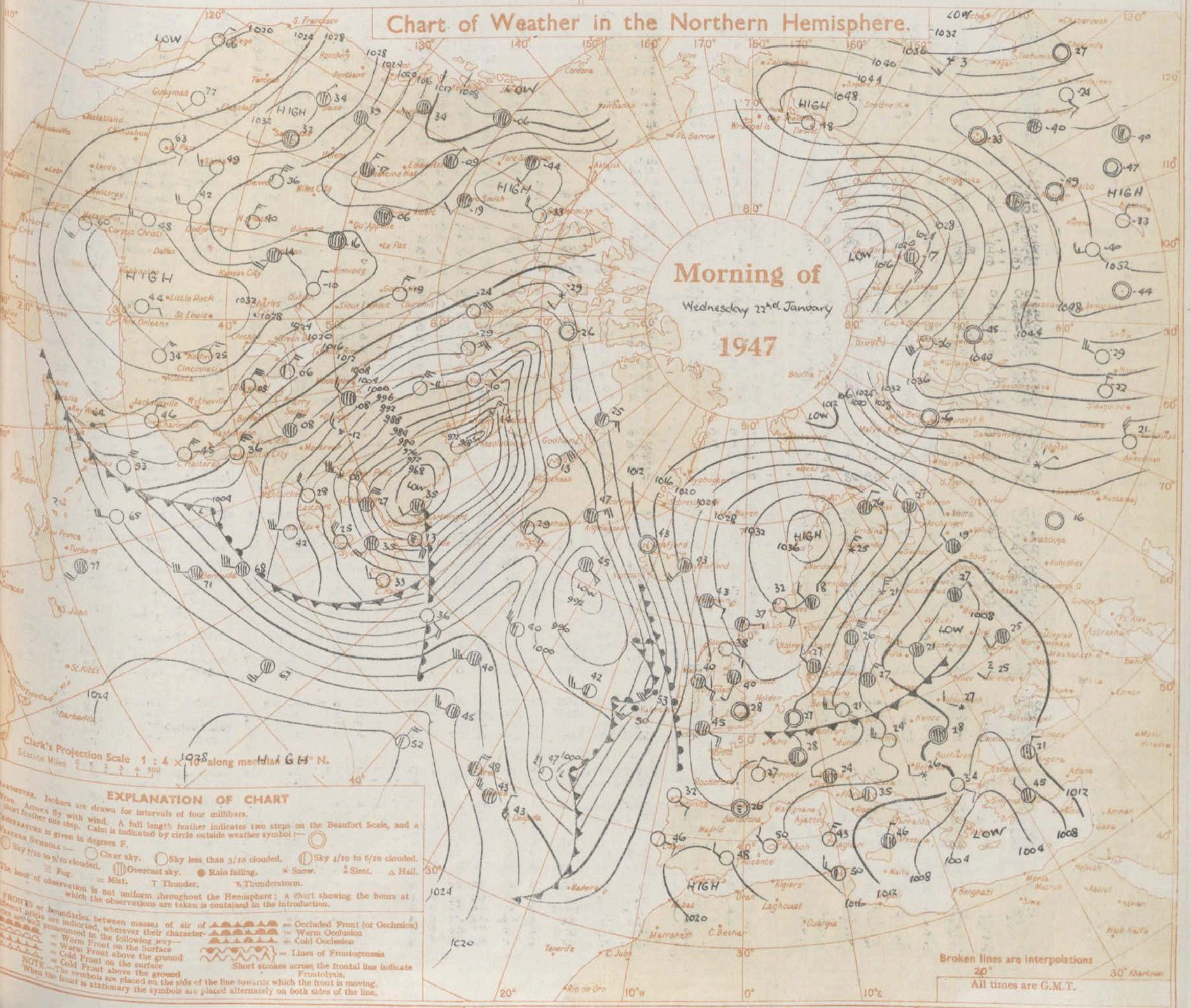
1947  
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**GENERAL INFERENCE**  
 An anticyclone persists over Scandinavia with a ridge to France and an elongated trough of low pressure to west of the British Isles is moving little. Mainly dry cold weather will continue over the British Isles with little change in the pressure distribution. The fog will clear in a few places during the afternoon but fog will become more general tonight particularly in inland districts of England. There will be some occasional light rain or snow chiefly in the northeast. Frost will occur in most places in England, Wales and South and East Scotland tonight.

Continuing cold and mainly dry

# Chart of Weather in the Northern Hemisphere.

Morning of  
 Wednesday 22<sup>nd</sup> January  
 1947



Clark's Projection Scale 1 : 4 x 10<sup>3</sup> along meridian G.M.T. N.  
 Statute Miles 0 1 2 3 4 5 6 7 8 9 10

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
 Wind. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
 Temperature is given in degrees F.  
 Weather Symbols — Clear sky. — Sky less than 3/10 clouded. — Sky 4/10 to 6/10 clouded. — Sky 7/10 to 9/10 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.  
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.  
 Fronts or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (or Occlusion). — Warm Occlusion. — Cold Occlusion. — Lines of Frontogenesis. — Short strokes across the frontal line indicate Frontolysis.  
 NOTE — The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

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



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday 22<sup>nd</sup> January, 1947

No. 31197

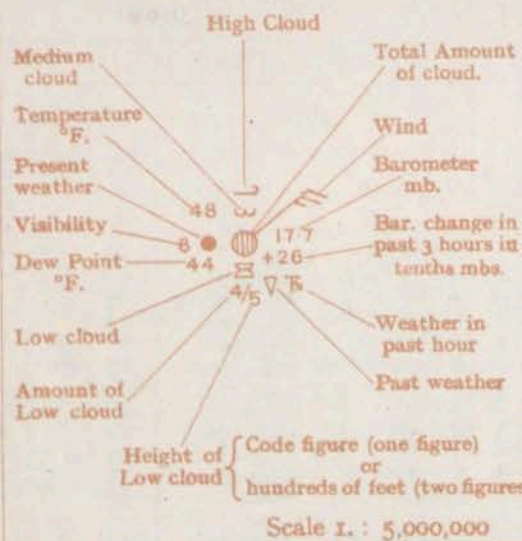
OBSERVATIONS at 00hr. G.M.T. 22nd January															OBSERVATIONS at 06hr. G.M.T. 22nd January															OBSERVATIONS during NIGHT								
Dist.	Stations	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp.	Dew Point	Visibility	Cloud					Height of Base Hundreds of 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	Low	Dir.	Force				Form	Amount					Low	Dir.	Force	Form	Amount			Low	18h.-00h.	00h.-06h.	Min. °F.		Max. °F.	
																																					18h.-00h.	00h.-06h.
1	Kew	16	26.3	-4	-	-	bc	32	26	3	-	-	-	-	25.9	-2	NNE	1	f	31	31	2	-	-	-	-	0	1	off	off	26	20	Tr					
	Croydon	217	26.3	-4	-	-	bc	28	26	3	-	-	-	-	26.3	-6	-	0	off	29	28	3	-	-	-	-	0	3	off	off	25	20	0.0					
	S. Farnborough	226	26.3	-4	-	-	bc	25	25	3	-	-	-	-	26.4	-2	-	0	off	29	28	2	-	-	-	-	0	3	off	off	25	20	0.0					
	Boscombe Down	417	25.6	-6	E	2	mo	31	29	6	-	-	-	30	25.7	+2	E	2	mo	29	28	5	-	-	-	-	0	3	off	off	29	22	-					
	Caishot	8	25.7	-2	SE	3	mo	36	32	6	-	-	-	-	25.3	-4	ENE	4	mo	35	32	5	-	-	-	-	0	3	off	off	32	27	-					
	Tangmere	53	25.6	-10	NE	3	mo	30	24	6	-	-	-	-	25.5	-4	NE	2	mo	27	25	6	-	-	-	-	0	3	off	off	26	22	-					
	Lymington	341	26.0	-4	N	3	b	30	27	7	-	-	-	-	25.4	-2	NE/E	3	mo	34	31	6	-	-	-	-	0	3	off	off	29	22	Tr					
	Manston	140	26.1	-4	N	3	mo	36	32	6	-	-	-	-	26.0	+2	ENE	2	mo	34	30	6	-	-	-	-	0	3	off	off	31	25	-					
	Boston	165	26.7	+4	N	2	mo	31	30	6	-	-	-	12	26.7	0	ENE	3	mo	32	28	6	-	-	-	-	0	3	off	off	29	24	-					
	Felixstowe	10	26.0	-2	NNW	2	mo	32	30	6	-	-	-	25	26.1	0	E/N	3	mo	36	31	6	-	-	-	-	0	3	off	off	29	26	Tr					
	Gorleston	5	26.3	0	EN	4	mo	38	33	6	-	-	-	20	26.8	+2	NNE	3	bc	37	35	7	-	-	-	-	0	3	off	off	22	21	-					
	Mildenhall	15	26.6	-6	WS	1	mo	27	27	4	-	-	-	8	26.8	-2	ENE	1	bc	28	28	3	-	-	-	-	0	3	off	off	29	21	-					
	West Raynham	250	26.9	0	W	1	mo	31	30	4	-	-	-	15	26.8	0	-	0	mo	31	30	5	-	-	-	-	0	3	off	off	29	20	0.2					
	Waddington	235	27.2	0	-	0	mo	32	30	4	-	-	-	24	27.5	+2	-	0	mo	32	32	2	-	-	-	-	0	3	off	off	30	20	-					
	Cranfield	340	26.5	0	NE	1	mo	29	28	4	-	-	-	-	26.1	-4	ENE	2	mo	31	30	6	-	-	-	-	0	3	off	off	27	20	Tr					
	Honiley	427	26.4	-2	E	1	mo	32	29	2	-	-	-	24	26.7	+2	E	1	mo	30	29	4	-	-	-	-	0	3	off	off	29	23	Tr					
4	Little Rissington	731	26.8	0	E	1	mo	30	28	6	-	-	-	-	26.9	-2	ENE	2	mo	28	27	5	-	-	-	-	0	4	off	off	28	20	Tr					
	Defford	58	26.1	-2	ENE	2	mo	31	25	6	-	-	-	36	26.6	0	-	0	mo	30	27	5	-	-	-	-	0	3	off	off	27	21	Tr					
5	Bristol	259	26.7	-2	ENE	2	mo	31	29	6	-	-	-	25	26.5	0	ENE	2	mo	31	29	7	-	-	-	-	0	3	off	off	29	21	Tr					
	Hartland Point	299	26.9	-2	SE	3	b	34	31	7	-	-	-	-	22.6	0	E	2	bc	32	29	7	-	-	-	-	0	3	off	off	31	30	-					
	Yeovil	50	26.9	-6	SE	3	b	34	31	7	-	-	-	-	24.5	+66	ENE	2	mo	34	32	6	-	-	-	-	0	3	off	off	28	20	-					
	Portland Bill	37	24.2	0	SE	3	bc	41	33	6	-	-	-	20	22.7	-6	SE/E	4	bc	42	32	7	-	-	-	-	0	1	off	off	39	24	-					
	Exeter	100	24.8	-4	E	2	mo	32	29	6	-	-	-	50	24.4	+2	-	0	mo	34	30	6	-	-	-	-	0	0	off	off	31	24	-					
	Plymouth	86	23.8	-4	E	2	mo	35	32	4	-	-	-	-	23.3	+2	E	2	mo	37	32	6	-	-	-	-	0	0	off	off	35	32	-					
	St. Eval	345	23.1	-10	SE	3	b	37	32	7	-	-	-	-	22.6	-2	NE	2	bc	35	32	7	-	-	-	-	0	0	off	off	33	26	-					
	Predannack	293	22.3	-8	SSE	4	bc	41	38	7	-	-	-	15	21.4	-6	SSE	4	bc	41	37	7	-	-	-	-	0	0	off	off	40	26	-					
	Guernsey	340	24.3	-6	SE	1	mo	36	30	6	-	-	-	-	23.8	-2	SE	2	b	34	28	7	-	-	-	-	0	0	off	off	33	26	-					
	Scilly, St. Marys	163	21.3	-6	SE	4	c	45	42	7	-	-	-	15	20.1	-10	SE/E	4	c	45	40	7	-	-	-	-	0	1	off	off	43	28	-					
	Fairwood	168	24.8	-2	SE	3	mo	35	29	6	-	-	-	25	24.1	-2	SE	4	mo	36	30	6	-	-	-	-	0	1	off	off	32	28	-					
	Pembroke	142	23.7	-2	SE	4	b	34	34	7	-	-	-	-	23.7	0	SE	4	bc	40	35	7	-	-	-	-	0	0	off	off	30	20	-					
	Aberporth	425	24.1	-2	SSE	3	b	33	28	7	-	-	-	-	24.2	+2	S/E	3	b	32	27	7	-	-	-	-	0	3	off	off	30	20	-					
7	Penthor	61	24.1	-2	SSE	3	b	33	28	7	-	-	-	-	24.2	+2	S/E	3	b	32	27	7	-	-	-	-	0	3	off	off	30	20	-					
	Holyhead (Valley)	32	24.8	-18	-	0	mo	33	30	6	-	-	-	-	24.8	+6	E	2	mo	29	26	6	-	-	-	-	0	3	off	off	27	19	Tr					
	Hawarden	15	26.2	0	-	0	mo	26	25	4	-	-	-	-	26.4	+2	SSE	1	mo	28	27	4	-	-	-	-	0	3	off	off	25	18	-					
8	Manchester	230	26.5	-2	E/S	3	mo	29	26	6	-	-	-	-	26.6	-4	-	0	mo	32	28	5	-	-	-	-	0	3	off	off	27	22	-					
	Squires Gate	33	26.5	0	-	0	mo	29	28	6	-	-	-	-	27.0	-4	ESE	2	mo	30	28	6	-	-	-	-	0	3	off	off	23	18	-					
	Carlisle	100	26.5	0	-	0	mo	29	28	6	-	-	-	-	26.7	-2	-	0	c	34	29	7	-	-	-	-	0	3	off	off	27	22	-					
9	Ashbourne	590	27.0	0	NE	1	m	29	28	4	-	-	-	30	27.1	0	-	0	cf	32	32	3	-	-	-	-	0	1	off	off	26							



4 = 1/2 6 = 2/10  
5 = 2/7 = More than 9 but with openings.



# STATION MODEL



6h

Thursday 23<sup>rd</sup> January.

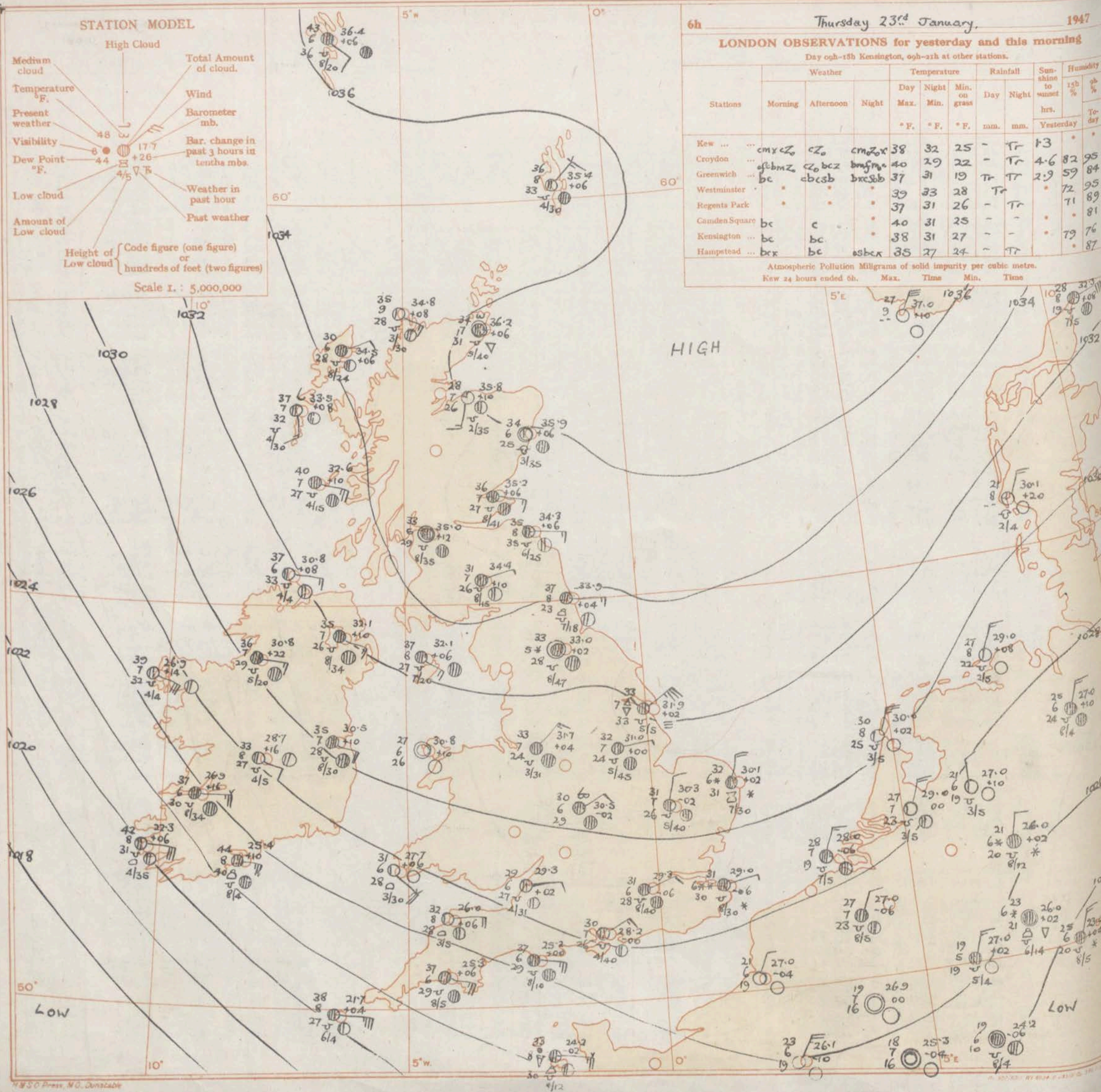
1947

## 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		15h %	21h %
Kew	cmx cZ	cZ	cmx cZ	38	32	25	-	Tr	1.3	82	95
Croydon	cmx cZ	cZ	cmx cZ	40	29	22	-	Tr	4.6	59	84
Greenwich	bc	bc	bc	37	31	19	Tr	Tr	2.9	72	95
Westminster				39	33	28	-	Tr		71	89
Regents Park				37	31	26	-	Tr			81
Camden Square	bc	c		40	31	25	-	-		79	76
Kensington	bc	bc		38	31	27	-	-			87
Hampstead	bcx	bc	bsbcx	35	27	24	-	Tr			

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



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Verac  
Sailing  
Crest  
Frontier  
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20°  
Kington  
70°  
Cuneco  
80°  
Cin  
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Wind. Air  
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TEMPERATURE  
WEATHER  
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# GENERAL INFERENCE

A large anticyclone over Southern Norway is drifting slowly southwest. Weather will be cold to very cold generally and mainly fair but there will be scattered snow showers in Eastern Scotland and Eastern England and in the Midlands, but rather more frequent in extreme East and Southeast England. There will be keen to hard frost in most inland areas tonight.

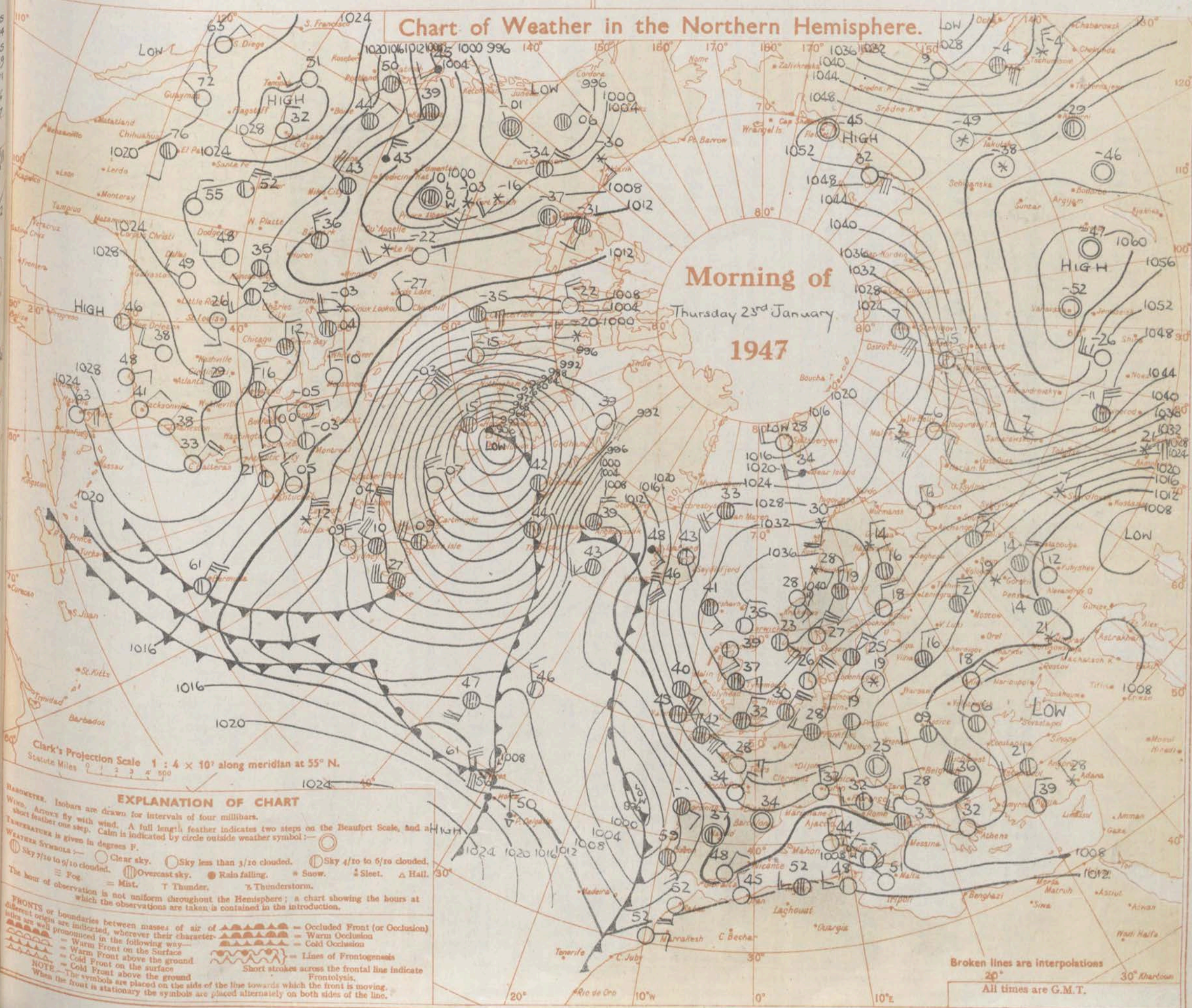
# FURTHER OUTLOOK

Continuing cold to very cold with snow showers mainly in Eastern districts.

↓ Gale warning in operation in district West 5  
Issued at 1648. 22nd January 1947

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 23rd January  
1947



## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars. 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:—

WEATHER SYMBOLS:—

○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ● Rain falling. ● Snow. ● Sleet. ● Hail. ● Fog. ● Mist. ● Thunder. ● Thunderstorm.

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

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

— Warm Front on the surface

— 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  
20° 30° Rhoctown  
All times are G.M.T.



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 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					State of Ground.	Weather.		Temperature		Rain		
					Dir.	Force				Form.	Amount.						Dir.	Force				Form.	Amount.					18h.-00h.	00h.-06h.	Min. on Grass	°F.			
											Low.	Med.	High.	Total									Low.	Med.	High.	Total							°F.	°F.
1	Kew	16	29.3	+12	NNE	1	32	28	6						29.0	-6	NE	2	33	27	6						1	cmo	20	25				
	Croydon	217	29.3	+12	NNE	1	32	28	6						29.3	-6	ENE	2	31	28	6						1	bmgfm	20	22				
	S. Farnborough	226	29.4	+10		0	31	29	6						29.5	-4	NE	1	31	28	6						1	bmgfm	20	22				
	Boscombe Down	417	28.7	+10	NEE	2	29	28	5						28.7	+2	NEE	3	30	29	7						1	bmgfm	20	22				
	Calshot	5	28.3	+6	ENE	4	33	30	7						27.9	-10	ENE	3	32	27	7						1	bmgfm	20	22				
2	Lymington	53	28.3	+12	NE	3	32	29	6						28.2	0	NE	3	30	26	7						1	bmgfm	20	22				
	Lymington	341	28.6	+8	ENE	4	32	30	7						28.5	-6	NE	2	30	28	6						1	bmgfm	20	22				
	Manston	140	28.8	+6	ENE	5	33	31	6						29.0	-6	ENE	1	30	28	6						1	bmgfm	20	22				
	Boston	105	28.9	+8	NNE	3	32	29	6						29.1	-6	NE	4	32	31	7						1	bmgfm	20	22				
	Felixstowe	10	28.8	+4	ENE	4	35	26	8						30.1	+2	NNE	4	32	31	6						1	bmgfm	20	22				
3	Gorleston	3	29.5	+4	NE	4	35	32	7						30.1	+2	NNE	4	32	31	6						1	bmgfm	20	22				
	Mildenhall	13	29.9	+4	NE	2	40	37	6						30.3	-2	NE	2	30	26	7						1	bmgfm	20	22				
	West Raynham	250	30.0	+4	ENE	2	32	28	7						30.3	-2	NE	2	30	26	7						1	bmgfm	20	22				
	Waddington	235	30.5	+2	ENE	2	32	27	6						31.0	0	ENE	1	30	24	7						1	bmgfm	20	22				
	Cranfield	340	29.9	+10	NE	3	30	25	6						29.7	-2	NE	4	31	28	7						1	bmgfm	20	22				
4	Honley	427	30.4	+8	ENE	1	30	27	6						30.5	-2	NE	2	30	29	6						1	bmgfm	20	22				
	Little Rissington	731	30.5	+10	NE	3	32	24	5						30.4	+2	NE	4	30	24	8						1	bmgfm	20	22				
	Defford	58	30.3	+10	ENE	2	35	24	4						30.7	+6	NE	2	30	28	5						1	bmgfm	20	22				
	Bristol	209	29.4	+16	ENE	2	30	22	5						29.3	+2	ENE	2	30	27	6						1	bmgfm	20	22				
	Hartland Point	299	24.6	+20	E	3	33	26	7						26.0	+6	ENE	4	32	28	6						1	bmgfm	20	22				
5	Yeovilton	50	29.5	+4	NE	4	35	32	7						30.1	+2	NNE	4	32	31	6						1	bmgfm	20	22				
	Portland Bill	32	29.8	+12	E	5	37	34	6						29.2	0	E	5	37	29	6						1	bmgfm	20	22				
	Exeter	100	26.4	+2	ESE	4	30	28	6						25.3	+6	ESE	5	30	29	6						1	bmgfm	20	22				
	Plymouth	86	24.6	+2	ESE	4	30	28	6						25.3	+6	ESE	5	30	29	6						1	bmgfm	20	22				
	St. Eval	345	23.6	-2	ESE	3	38	26	8						22.6	+10	SE	7	38	30	8						1	bmgfm	20	22				
6	Predannack	293	21.9	+6	SE	5	39	28	8						24.2	-2	ES	5	39	30	8						1	bmgfm	20	22				
	Guernsey	340	25.1	0	ES	5	32	24	8						24.2	-2	ES	5	39	30	8						1	bmgfm	20	22				
	Scilly, St. Marys	163	20.2	-2	ESE	7	42	32	8						21.7	+4	ESE	7	38	27	8						1	bmgfm	20	22				
	Fairwood	208	24.9	+14	ESE	5	32	27	6						28.2	+4	SE	5	30	25	6						1	bmgfm	20	22				
	Pembroke	142	26.4	+14	SE	6	36	31	7						27.7	+6	ESE	2	30	27	7						1	bmgfm	20	22				
7	Aberporth	425	28.4	+14	ES	2	30	24	7						29.4	+6	ESE	2	30	27	7						1	bmgfm	20	22				
	Penrhos	63	29.5	+18		0	32	25	7						30.8	+10		0	30	26	6						1	bmgfm	20	22				
	Holyhead (Valley)	32	31.0	+14	SSE	1	32	29	7						31.7	+8	NE	2	30	27	6						1	bmgfm	20	22				
	Hawarden	15	30.8	+6	EN	3	33	23	7						32.6	+10	ESE	2	30	27	7						1	bmgfm	20	22				
	Manchester Squires Gate	33	32.1	+14	ENE	3	34	32	5						33.4	+6	E	1	30	29	7						1	bmgfm	20	22				
8	Carlisle	100	32.1	+14	ENE	3	34	32	5						33.4	+6	E	1	30	29	7						1	bmgfm	20	22				
	Ashbourne	590	31.1	+6	NE	1	34	28	7						31.9	+2	NE	2	33	28	7						1	bmgfm	20	22				
	Frimley	28	30.0	0	ENE	3	36	29	7						31.9	+2	NE	2	33	28	7						1	bmgfm	20	22				
	Spurn Head	29	32.0	+10	E	3	35	26	8						33.9	+4	E	3	37	23	8						1	bmgfm	20	22				
	Leeming	105	32.6	+6	E	3	37	22	8						33.9	+4	E	3	37	23	8						1	bmgfm	20	22				
9	Tynemouth	108	32.6	+6	E	3	37	22	8						33.9	+4	E	3	37	23	8						1	bmgfm	20	22				
	Ackington	138	32.6	+6	E	3	36	27	8						34.3	+6	E	3	35	28	8						1	bmgfm	20	22				
	St. Abb's Head	280	33.0	+8	S	2	36	33	8						35.2	+6	SE	3	36	27	7						1	bmgfm	20	22				
	Leuchars	31	32.4	+10	SE	0	39	33	8						34.6	+10	SE	4	37	24	8						1	bmgfm	20	22				
	Bell Rock	35	32.7	+12		0	35	33	8						35.0	+12	SE	4	37	24	8						1	bmgfm	20	22				
10	Renfrew	35	31.2	+14	E	2	35	32	7						33.2	+8	ESE	3	35	28	7													



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday 24th January 1947  
No. 31102

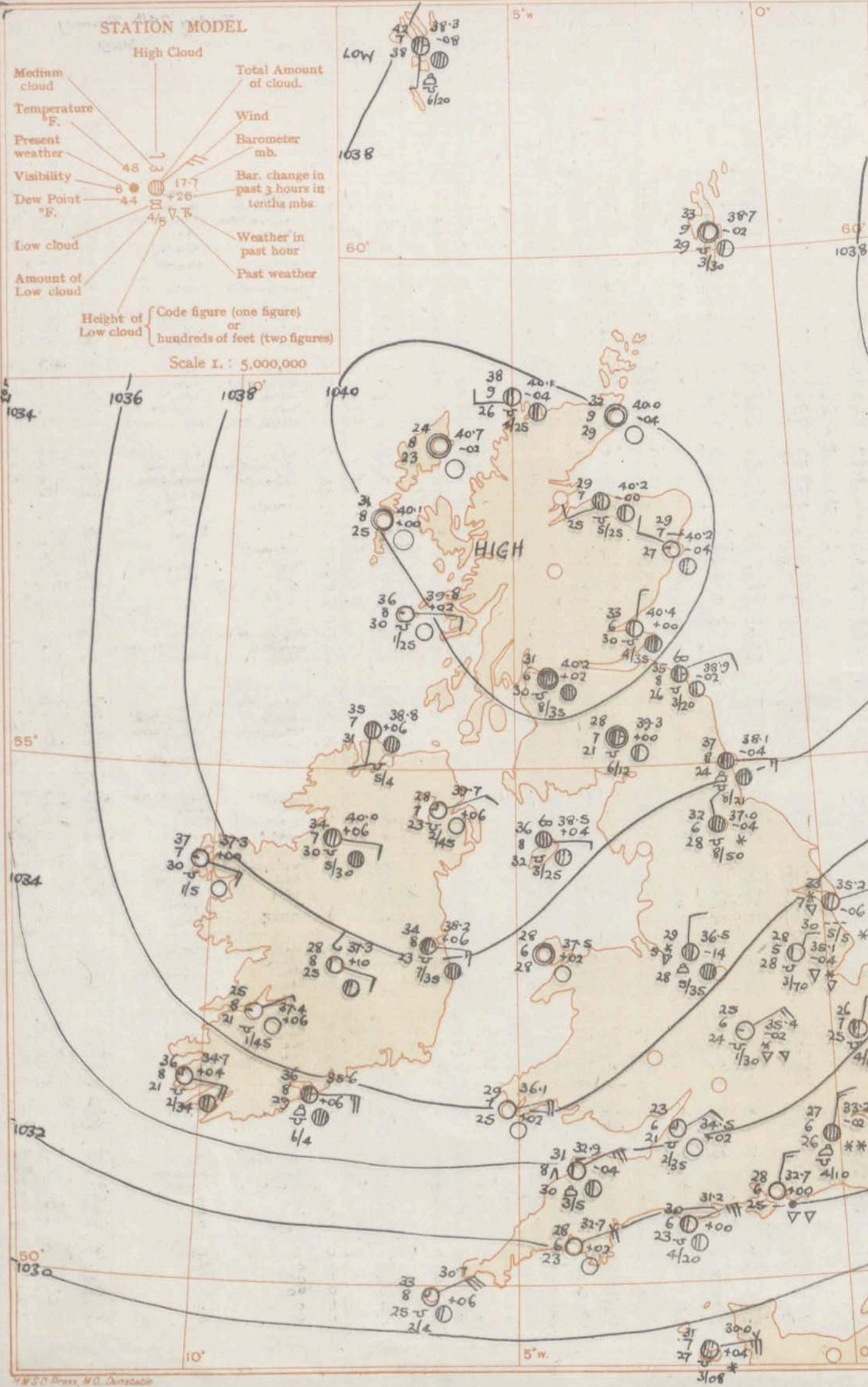
OBSERVATIONS at 12h. G.M.T. 23rd January

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

OBSERVATIONS during DAY

Date.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visib. miles (8)	Cloud.				Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. °F. (22)	Dew Point °F. (23)	Visib. miles (24)	Cloud.				Barom. at M.S.L. mb. (31)	Change in 3 hours. (32)	Wind.		Weather. (35)	Temp. °F. (36)	Dew Point °F. (37)	Visib. miles (38)	Cloud.				Barom. at M.S.L. mb. (41)	Change in 3 hours. (42)	Wind.		Weather. (45)	Temp. °F. (46)	Dew Point °F. (47)	Visib. miles (48)	Cloud.				Barom. at M.S.L. mb. (51)	Change in 3 hours. (52)	Wind.		Weather. (55)	Temp. °F. (56)	Dew Point °F. (57)	Visib. miles (58)	Cloud.				Barom. at M.S.L. mb. (61)	Change in 3 hours. (62)	Wind.		Weather. (65)	Temp. °F. (66)	Dew Point °F. (67)	Visib. miles (68)	Cloud.				Barom. at M.S.L. mb. (71)	Change in 3 hours. (72)	Wind.		Weather. (75)	Temp. °F. (76)	Dew Point °F. (77)	Visib. miles (78)	Cloud.				Barom. at M.S.L. mb. (81)	Change in 3 hours. (82)	Wind.		Weather. (85)	Temp. °F. (86)	Dew Point °F. (87)	Visib. miles (88)	Cloud.				Barom. at M.S.L. mb. (91)	Change in 3 hours. (92)	Wind.		Weather. (95)	Temp. °F. (96)	Dew Point °F. (97)	Visib. miles (98)	Cloud.				Barom. at M.S.L. mb. (101)	Change in 3 hours. (102)	Wind.		Weather. (105)	Temp. °F. (106)	Dew Point °F. (107)	Visib. miles (108)	Cloud.				Barom. at M.S.L. mb. (111)	Change in 3 hours. (112)	Wind.		Weather. (115)	Temp. °F. (116)	Dew Point °F. (117)	Visib. miles (118)	Cloud.				Barom. at M.S.L. mb. (121)	Change in 3 hours. (122)	Wind.		Weather. (125)	Temp. °F. (126)	Dew Point °F. (127)	Visib. miles (128)	Cloud.				Barom. at M.S.L. mb. (131)	Change in 3 hours. (132)	Wind.		Weather. (135)	Temp. °F. (136)	Dew Point °F. (137)	Visib. miles (138)	Cloud.				Barom. at M.S.L. mb. (141)	Change in 3 hours. (142)	Wind.		Weather. (145)	Temp. °F. (146)	Dew Point °F. (147)	Visib. miles (148)	Cloud.				Barom. at M.S.L. mb. (151)	Change in 3 hours. (152)	Wind.		Weather. (155)	Temp. °F. (156)	Dew Point °F. (157)	Visib. miles (158)	Cloud.				Barom. at M.S.L. mb. (161)	Change in 3 hours. (162)	Wind.		Weather. (165)	Temp. °F. (166)	Dew Point °F. (167)	Visib. miles (168)	Cloud.				Barom. at M.S.L. mb. (171)	Change in 3 hours. (172)	Wind.		Weather. (175)	Temp. °F. (176)	Dew Point °F. (177)	Visib. miles (178)	Cloud.				Barom. at M.S.L. mb. (181)	Change in 3 hours. (182)	Wind.		Weather. (185)	Temp. °F. (186)	Dew Point °F. (187)	Visib. miles (188)	Cloud.				Barom. at M.S.L. mb. (191)	Change in 3 hours. (192)	Wind.		Weather. (195)	Temp. °F. (196)	Dew Point °F. (197)	Visib. miles (198)	Cloud.				Barom. at M.S.L. mb. (201)	Change in 3 hours. (202)	Wind.		Weather. (205)	Temp. °F. (206)	Dew Point °F. (207)	Visib. miles (208)	Cloud.				Barom. at M.S.L. mb. (211)	Change in 3 hours. (212)	Wind.		Weather. (215)	Temp. °F. (216)	Dew Point °F. (217)	Visib. miles (218)	Cloud.				Barom. at M.S.L. mb. (221)	Change in 3 hours. (222)	Wind.		Weather. (225)	Temp. °F. (226)	Dew Point °F. (227)	Visib. miles (228)	Cloud.				Barom. at M.S.L. mb. (231)	Change in 3 hours. (232)	Wind.		Weather. (235)	Temp. °F. (236)	Dew Point °F. (237)	Visib. miles (238)	Cloud.				Barom. at M.S.L. mb. (241)	Change in 3 hours. (242)	Wind.		Weather. (245)	Temp. °F. (246)	Dew Point °F. (247)	Visib. miles (248)	Cloud.				Barom. at M.S.L. mb. (251)	Change in 3 hours. (252)	Wind.		Weather. (255)	Temp. °F. (256)	Dew Point °F. (257)	Visib. miles (258)	Cloud.				Barom. at M.S.L. mb. (261)	Change in 3 hours. (262)	Wind.		Weather. (265)	Temp. °F. (266)	Dew Point °F. (267)	Visib. miles (268)	Cloud.				Barom. at M.S.L. mb. (271)	Change in 3 hours. (272)	Wind.		Weather. (275)	Temp. °F. (276)	Dew Point °F. (277)	Visib. miles (278)	Cloud.				Barom. at M.S.L. mb. (281)	Change in 3 hours. (282)	Wind.		Weather. (285)	Temp. °F. (286)	Dew Point °F. (287)	Visib. miles (288)	Cloud.				Barom. at M.S.L. mb. (291)	Change in 3 hours. (292)	Wind.		Weather. (295)	Temp. °F. (296)	Dew Point °F. (297)	Visib. miles (298)	Cloud.				Barom. at M.S.L. mb. (301)	Change in 3 hours. (302)	Wind.		Weather. (305)	Temp. °F. (306)	Dew Point °F. (307)	Visib. miles (308)	Cloud.				Barom. at M.S.L. mb. (311)	Change in 3 hours. (312)	Wind.		Weather. (315)	Temp. °F. (316)	Dew Point °F. (317)	Visib. miles (318)	Cloud.				Barom. at M.S.L. mb. (321)	Change in 3 hours. (322)	Wind.		Weather. (325)	Temp. °F. (326)	Dew Point °F. (327)	Visib. miles (328)	Cloud.				Barom. at M.S.L. mb. (331)	Change in 3 hours. (332)	Wind.		Weather. (335)	Temp. °F. (336)	Dew Point °F. (337)	Visib. miles (338)	Cloud.				Barom. at M.S.L. mb. (341)	Change in 3 hours. (342)	Wind.		Weather. (345)	Temp. °F. (346)	Dew Point °F. (347)	Visib. miles (348)	Cloud.				Barom. at M.S.L. mb. (351)	Change in 3 hours. (352)	Wind.		Weather. (355)	Temp. °F. (356)	Dew Point °F. (357)	Visib. miles (358)	Cloud.				Barom. at M.S.L. mb. (361)	Change in 3 hours. (362)	Wind.		Weather. (365)	Temp. °F. (366)	Dew Point °F. (367)	Visib. miles (368)	Cloud.				Barom. at M.S.L. mb. (371)	Change in 3 hours. (372)	Wind.		Weather. (375)	Temp. °F. (376)	Dew Point °F. (377)	Visib. miles (378)	Cloud.				Barom. at M.S.L. mb. (381)	Change in 3 hours. (382)	Wind.		Weather. (385)	Temp. °F. (386)	Dew Point °F. (387)	Visib. miles (388)	Cloud.				Barom. at M.S.L. mb. (391)	Change in 3 hours. (392)	Wind.		Weather. (395)	Temp. °F. (396)	Dew Point °F. (397)	Visib. miles (398)	Cloud.				Barom. at M.S.L. mb. (401)	Change in 3 hours. (402)	Wind.		Weather. (405)	Temp. °F. (406)	Dew Point °F. (407)	Visib. miles (408)	Cloud.				Barom. at M.S.L. mb. (411)	Change in 3 hours. (412)	Wind.		Weather. (415)	Temp. °F. (416)	Dew Point °F. (417)	Visib. miles (418)	Cloud.				Barom. at M.S.L. mb. (421)	Change in 3 hours. (422)	Wind.		Weather. (425)	Temp. °F. (426)	Dew Point °F. (427)	Visib. miles (428)	Cloud.				Barom. at M.S.L. mb. (431)	Change in 3 hours. (432)	Wind.		Weather. (435)	Temp. °F. (436)	Dew Point °F. (437)	Visib. miles (438)	Cloud.				Barom. at M.S.L. mb. (441)	Change in 3 hours. (442)	Wind.		Weather. (445)	Temp. °F. (446)	Dew Point °F. (447)	Visib. miles (448)	Cloud.				Barom. at M.S.L. mb. (451)	Change in 3 hours. (452)	Wind.		Weather. (455)	Temp. °F. (456)	Dew Point °F. (457)	Visib. miles (458)	Cloud.				Barom. at M.S.L. mb. (461)	Change in 3 hours. (462)	Wind.		Weather. (465)	Temp. °F. (466)	Dew Point °F. (467)	Visib. miles (468)	Cloud.				Barom. at M.S.L. mb. (471)	Change in 3 hours. (472)	Wind.		Weather. (475)	Temp. °F. (476)	Dew Point °F. (477)	Visib. miles (478)	Cloud.				Barom. at M.S.L. mb. (481)	Change in 3 hours. (482)	Wind.		Weather. (485)	Temp. °F. (486)	Dew Point °F. (487)	Visib. miles (488)	Cloud.				Barom. at M.S.L. mb. (491)	Change in 3 hours. (492)	Wind.		Weather. (495)	Temp. °F. (496)	Dew Point °F. (497)	Visib. miles (498)	Cloud.				Barom. at M.S.L. mb. (501)	Change in 3 hours. (502)	Wind.		Weather. (505)	Temp. °F. (506)	Dew Point °F. (507)	Visib. miles (508)	Cloud.				Barom. at M.S.L. mb. (511)	Change in 3 hours. (512)	Wind.		Weather. (515)	Temp. °F. (516)	Dew Point °F. (517)	Visib. miles (518)	Cloud.				Barom. at M.S.L. mb. (521)	Change in 3 hours. (522)	Wind.		Weather. (525)	Temp. °F. (526)	Dew Point °F. (527)	Visib. miles (528)	Cloud.				Barom. at M.S.L. mb. (531)	Change in 3 hours. (532)	Wind.		Weather. (535)	Temp. °F. (536)	Dew Point °F. (537)	Visib. miles (538)	Cloud.				Barom. at M.S.L. mb. (541)	Change in 3 hours. (542)	Wind.		Weather. (545)	Temp. °F. (546)	Dew Point °F. (547)	Visib. miles (548)	Cloud.				Barom. at M.S.L. mb. (551)	Change in 3 hours. (552)	Wind.		Weather. (555)	Temp. °F. (556)	Dew Point °F. (557)	Visib. miles (558)	Cloud.				Barom. at M.S.L. mb. (561)	Change in 3 hours. (562)	Wind.		Weather. (565)	Temp. °F. (566)	Dew Point °F. (567)	Visib. miles (568)	Cloud.				Barom. at M.S.L. mb. (571)	Change in 3 hours. (572)	Wind.		Weather. (575)	Temp. °F. (576)	Dew Point °F. (577)	Visib. miles (578)	Cloud.				Barom. at M.S.L. mb. (581)	Change in 3 hours. (582)	Wind.		Weather. (585)	Temp. °F. (586)	Dew Point °F. (587)	Visib. miles (588)	Cloud.				Barom. at M.S.L. mb. (591)	Change in 3 hours. (592)	Wind.		Weather. (595)	Temp. °F. (596)	Dew Point °F. (597)	Visib. miles (598)	Cloud.				Barom. at M.S.L. mb. (601)	Change in 3 hours. (602)	Wind.		Weather. (605)	Temp. °F. (606)	Dew Point °F. (607)	Visib. miles (608)	Cloud.				Barom. at M.S.L. mb. (611)	Change in 3 hours. (612)	Wind.		Weather. (615)	Temp. °F. (616)	Dew Point °F. (617)	Visib. miles (618)	Cloud.				Barom. at M.S.L. mb. (621)	Change in 3 hours. (622)	Wind.		Weather. (625)	Temp. °F. (626)	Dew Point °F. (627)	Visib. miles (628)	Cloud.				Barom. at M.S.L. mb. (631)	Change in 3 hours. (632)	Wind.		Weather. (635)	Temp. °F. (636)	Dew Point °F. (637)	Visib. miles (638)	Cloud.				Barom. at M.S.L. mb. (641)	Change in 3 hours. (642)	Wind.		Weather. (645)	Temp. °F. (646)	Dew Point °F. (647)	Visib. miles (648)	Cloud.				Barom. at M.S.L. mb. (651)	Change in 3 hours. (652)	Wind.		Weather. (655)	Temp. °F. (656)	Dew Point °F. (657)	Visib. miles (658)	Cloud.				Barom. at M.S.L. mb. (661)	Change in 3 hours. (662)	Wind.		Weather. (665)	Temp. °F. (666)	Dew Point °F. (667)	Visib. miles (668)	Cloud.				Barom. at M.S.L. mb. (671)	Change in 3 hours. (672)	Wind.		Weather. (675)	Temp. °F. (676)	Dew Point °F. (677)	Visib. miles (678)	Cloud.				Barom. at M.S.L. mb. (681)	Change in 3 hours. (682)	Wind.		Weather. (685)	Temp. °F. (686)	Dew Point °F. (687)	Visib. miles (688)	Cloud.				Barom. at M.S.L. mb. (691)	Change in 3 hours. (692)	Wind.		Weather. (695)	Temp. °F. (696)	Dew Point °F. (697)	Visib. miles (698)	Cloud.				Barom. at M.S.L. mb. (701)	Change in 3 hours. (702)	Wind.		Weather. (705)	Temp. °F. (706)	Dew Point °F. (707)	Visib. miles (708)	Cloud.				Barom. at M.S.L. mb. (711)	Change in 3 hours. (712)	Wind.		Weather. (715)	Temp. °F. (716)	Dew Point °F. (717)	Visib. miles (718)	Cloud.				Barom. at M.S.L. mb. (721)	Change in 3 hours. (722)	Wind.		Weather. (725)	Temp. °F. (726)	Dew Point °F. (727)	Visib. miles (728)	Cloud.				Barom. at M.S.L. mb. (731)	Change in 3 hours. (732)	Wind.		Weather. (735)	Temp. °F. (736)	Dew Point °F. (737)	Visib. miles (738)	Cloud.				Barom. at M.S.L. mb. (741)	Change in 3 hours. (742)	Wind.		Weather. (745)	Temp. °F. (746)	Dew Point °F. (747)	Visib. miles (748)	Cloud.				Barom. at M.S.L. mb. (751)	Change in 3 hours. (752)	Wind.		Weather. (755)	Temp. °F. (756)	Dew Point °F. (757)	Visib. miles (758)	Cloud.				Barom. at M.S.L. mb. (761)	Change in 3 hours. (762)	Wind.		Weather. (765)	Temp. °F. (766)	Dew Point °F. (767)	Visib. miles (768)	Cloud.				Barom. at M.S.L. mb. (771)	Change in 3 hours. (772)	Wind.		Weather. (775)	Temp. °F. (776)	Dew Point °F. (777)	Visib. miles (778)	Cloud.				Barom. at M.S.L. mb. (781)	Change in 3 hours. (782)	Wind.		Weather. (785)	Temp. °F. (786)	Dew Point °F. (787)	Visib. miles (788)	Cloud.				Barom. at M.S.L. mb. (791)	Change in 3 hours. (792)	Wind.		Weather. (795)	Temp. °F. (796)	Dew Point °F. (797)	Visib. miles (798)	Cloud.				Barom. at M.S.L. mb. (801)	Change in 3 hours. (802)	Wind.		Weather. (805)	Temp. °F. (806)	Dew Point °F. (807)	Visib. miles (808)	Cloud.				Barom. at M.S.L. mb. (811)	Change in 3 hours. (812)	Wind.		Weather. (815)	Temp. °F. (816)	Dew Point °F. (817)	Visib. miles (818)	Cloud.				Barom. at M.S.L. mb. (821)	Change in 3 hours. (822)	Wind.		Weather. (825)	Temp. °F. (826)	Dew Point °F. (827)	Visib. miles (828)	Cloud.				Barom. at M.S.L. mb. (831)	Change in 3 hours. (832)	Wind.		Weather. (835)	Temp. °F. (836)	Dew Point °F. (837)	Visib. miles (838)	Cloud.				Barom. at M.S.L. mb. (841)	Change in 3 hours.<
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**6h Friday 24<sup>th</sup> January. 1947**

**LONDON OBSERVATIONS for yesterday and this morning**

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sun- set	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.	hrs.	Yester- day	To- day
Kew ...	bczo	psobcz	bbcsom	35	27	22	Tr	Tr	2.1	80	92
Croydon ...	cmobcz	cpobom	cpobom	33	25	24	0.1	0.2	1.0	80	92
Greenwich ...	.	.	.	.	.	.	.	.	.	.	.
Westminster ...	.	.	.	.	.	.	.	.	.	.	.
Regents Park ...	.	.	.	34	27	21	Tr	Tr	.	95	96
Camden Square ...	bc	c	.	35	27	21	-	Tr	.	98	84
Kensington ...	bc	cs	.	35	27	23	Tr	Tr	.	98	84
Hampstead ...	bc	bcasx	cx	33	24	22	0.1	-	.	96	96

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.2 Time 7-10 min. 10-11 min. 11-12 min. 12-13 min. 13-14 min. 14-15 min. 15-16 min. 16-17 min. 17-18 min. 18-19 min. 19-20 min. 20-21 min. 21-22 min. 22-23 min. 23-24 min. 24-25 min. 25-26 min. 26-27 min. 27-28 min. 28-29 min. 29-30 min. 30-31 min. 31-32 min. 32-33 min. 33-34 min. 34-35 min. 35-36 min. 36-37 min. 37-38 min. 38-39 min. 39-40 min. 40-41 min. 41-42 min. 42-43 min. 43-44 min. 44-45 min. 45-46 min. 46-47 min. 47-48 min. 48-49 min. 49-50 min. 50-51 min. 51-52 min. 52-53 min. 53-54 min. 54-55 min. 55-56 min. 56-57 min. 57-58 min. 58-59 min. 59-60 min. 60-61 min. 61-62 min. 62-63 min. 63-64 min. 64-65 min. 65-66 min. 66-67 min. 67-68 min. 68-69 min. 69-70 min. 70-71 min. 71-72 min. 72-73 min. 73-74 min. 74-75 min. 75-76 min. 76-77 min. 77-78 min. 78-79 min. 79-80 min. 80-81 min. 81-82 min. 82-83 min. 83-84 min. 84-85 min. 85-86 min. 86-87 min. 87-88 min. 88-89 min. 89-90 min. 90-91 min. 91-92 min. 92-93 min. 93-94 min. 94-95 min. 95-96 min. 96-97 min. 97-98 min. 98-99 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min. 792-793 min. 793-794 min. 794-795 min. 795-796 min. 796-797 min. 797-798 min. 798-799 min. 799-800 min. 800-801 min. 801-802 min. 802-803 min. 803-804 min. 804-805 min. 805-806 min. 806-807 min. 807-808 min. 808-809 min. 809-810 min. 810-811 min. 811-812 min. 812-813 min. 813-814 min. 814-815 min. 815-816 min. 816-817 min. 817-818 min. 818-819 min. 819-820 min. 820-821 min. 821-822 min. 822-823 min. 823-824 min. 824-825 min. 825-826 min. 826-827 min. 827-828 min. 828-829 min. 829-830 min. 830-831 min. 831-832 min. 832-833 min. 833-834 min. 834-835 min. 835-836 min. 836-837 min. 837-838 min. 838-839 min. 839-840 min. 840-841 min. 841-842 min. 842-843 min. 843-844 min. 844-845 min. 845-846 min. 846-847 min. 847-848 min. 848-849 min. 849-850 min. 850-851 min. 851-852 min. 852-853 min. 853-854 min. 854-855 min. 855-856 min. 856-857 min. 857-858 min. 858-859 min. 859-860 min. 860-861 min. 861-862 min. 862-863 min. 863-864 min. 864-865 min. 865-866 min. 866-867 min. 867-868 min. 868-869 min. 869-870 min. 870-871 min. 871-872 min. 872-873 min. 873-874 min. 874-875 min. 875-876 min. 876-877 min. 877-878 min. 878-879 min. 879-880 min. 880-881 min. 881-882 min. 882-883 min. 883-884 min. 884-885 min. 885-886 min. 886-887 min. 887-888 min. 888-889 min. 889-890 min. 890-891 min. 891-892 min. 892-893 min. 893-894 min. 894-895 min. 895-896 min. 896-897



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



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday 24<sup>th</sup> January 1947

No. 31109

OBSERVATIONS at 00hr. G.M.T. 24th January															OBSERVATIONS at 06hr. G.M.T. 24th January															OBSERVATIONS during NIGHT				
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 1 hour.	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.	Low.	Med.	High.			Dir.	Force.				Form.	Amount.	Low.	Med.	High.		18h.-00h. (39)	00h.-06h. (40)	Min. (41)	Max. on Grass (42)			
																																	A.	B.
1	Kew	16					29								33.6	+2	NNE	3	28	25	6						8	bcm	bcm	27	22	0.2		
	Croydon	217	33.2	+6	NE	3	27	28	5						33.2	+2	NNE	3	27	26	6						8	bcm	bcm	25	20	0.1		
	S. Farborough	226	33.3	+8	NE	3	27	28	5						33.3	+2	NNE	3	27	27	6						8	bcm	bcm	25	20	0.1		
	Boscombe Down	417	33.2	+10	NE	3	25	23	5						33.7	+2	NNE	3	24	23	6						8	bcm	bcm	24	18	0.1		
	Caishot	8	33.0	+10	ENE	4	28	28	5						33.5	+2	NNE	3	28	28	5						8	bcm	bcm	25	24	0.5		
2	Langmere	53	32.4	+17	NE	3	27	22	6						32.7	0	NNE	3	27	25	6						8	bcm	bcm	25	24	0.5		
	Lympe	341	31.5	+2	ENE	4	28	16	8						32.1	-2	ENE	3	28	17	7						8	bcm	bcm	23	20	0.1		
	Manston	140	32.1	+6	E'N	6	31	21	7						32.4	-2	ENE	3	30	21	6						8	bcm	bcm	25	24	0.1		
	Boxed	165	33.3	+6	NNE	3	26	25	6						33.3	-2	NNE	3	26	23	7						8	bcm	bcm	26	20	0.1		
	Felixstowe	10	32.8	+2	NNE	4	30	23	8						33.3	-2	NNE	3	30	22	7						8	bcm	bcm	26	20	0.1		
3	Gorleston	5	34.3	+10	E	5	33	29	7						33.6	-4	E	4	32	26	7						8	bcm	bcm	30	20	0.1		
	Mildenhall	15	35.2	+10	N	2	26	26	7						34.2	-2	NNE	2	26	25	7						8	bcm	bcm	23	17	0.1		
	West Raynham	250	33.8	+12	NE	3	27	25	7						33.8	-2	NNE	2	27	25	7						8	bcm	bcm	23	18	0.1		
	Waddington	235	35.3	+6	E'S	2	28	27	6						35.1	-4	NNE	2	28	28	5						8	bcm	bcm	25	12	0.1		
	Cranfield	340	34.2	+8	NE	4	28	21	7						34.2	-2	NNE	3	28	25	7						8	bcm	bcm	24	17	0.1		
4	Honiley	427	35.4	+6	NE	3	28	26	7						35.4	-2	NE	3	28	24	6						8	bcm	bcm	24	20	0.1		
	Little Rissington	731	34.9	+10	NE	3	23	21	7						35.0	-2	NNE	3	24	23	6						8	bcm	bcm	22	19	0.1		
	Defford	58	35.1	+2	NE	3	27	23	7						35.6	+2	NNE	3	26	24	6						8	bcm	bcm	26	22	0.1		
	Bristol	209	34.0	+10	NE	4	26	20	8						34.9	-4	NNE	3	26	21	8						8	bcm	bcm	27	26	0.1		
	Hartland Point	209	31.6	+12	ENE	6	31	30	8						33.3	0	NNE	3	31	30	8						8	bcm	bcm	27	24	0.1		
5	Yeovilton	50																									8	bcm	bcm	24	17	0.1		
	Portland Bill	32	30.6	+12	ENE	5	28	25	6						31.2	0	NE	5	28	22	6						8	bcm	bcm	23	17	0.1		
	Exeter	100	33.1	+14	NE	4	28	24	6						32.7	+2	NNE	4	28	23	6						8	bcm	bcm	23	23	0.1		
	Plymouth	86	31.4	+8	ENE	3	31	29	6						33.7	+4	NE	3	31	28	6						8	bcm	bcm	25	22	0.1		
	St. Eval	345	32.1	0	NE	6	29	26	6						30.7	+4	E'N	6	29	27	7						8	bcm	bcm	31	28	0.2		
6	Predannack	293	28.7	+2	E	6	35	28	7						30.7	+4	E'N	6	35	27	7						8	bcm	bcm	32	28	0.2		
	Guernsey	340	29.1	+10	E'N	5	31	28	8						30.0	+4	E'N	5	31	27	8						8	bcm	bcm	32	28	0.2		
	Scilly, St. Marys	163	28.8	+6	ENE	6	28	25	8						30.7	+6	ENE	6	28	25	8						8	bcm	bcm	32	28	0.2		
	Fairwood	268	34.2	+14	E	3	29	28	6						36.3	+12	NNE	3	29	28	6						8	bcm	bcm	25	16	0.1		
	Pembroke	142	33.6	+8	E	3	24	20	7						36.1	+2	ENE	3	24	25	7						8	bcm	bcm	25	16	0.1		
7	Aberporth	425	35.3	+10	E	3	28	23	7						36.6	+2	ENE	3	28	24	7						8	bcm	bcm	26	24	0.1		
	Pearthos	63																									8	bcm	bcm	26	24	0.1		
	Holyhead (Valley)	32	37.1	+10	E	1	29	29	6						37.5	+2	NNE	1	29	28	6						8	bcm	bcm	27	13	0.1		
	Hawarden	15	36.9	+6	NE	1	25	25	4						37.4	+2	NNE	1	25	24	4						8	bcm	bcm	20	14	0.1		
	Manchester	230	36.7	+6	NE	1	26	25	5						36.5	-14	NNE	1	26	25	5						8	bcm	bcm	24	20	0.1		
8	Squires Gate	33													37.8	+4	NNE	1	31	27	7						8	bcm	bcm	25	23	0.1		
	Carlisle	200	38.3	+6		0	31	29	8						38.2	-4	NNE	1	31	29	8						8	bcm	bcm	30	23	0.1		
	Ashbourne	590																									8	bcm	bcm	27	22	0.1		
	Finnigley	28	36.5	+4	NNE	2	28	28	8						36.2	-2	NNE	2	28	28	8						8	bcm	bcm	27	22	0.1		
	Spura Head	29	34.4	+2	NE	3	33	30	7						35.2	-4	NNE	3	33	30	7						8	bcm	bcm	31	26	0.1		
9	Leeming	105	37.7	+4	NNW	2	31	31	6						37.0	-4	NNE	2	31	30	6						8	bcm	bcm	29	32	0.1		
	Tynemouth	108	38.0	+4	E	3	36	26	8						38.1	-4	E	3	37	24	8						8	bcm	bcm	21	0	0.1		
	Acklington	138	38.3	+4	NE	3	34	30	8						38.0	-6	NNE	3	35	34	8						8	bcm	bcm	33	29	0.4		
	St. Abb's Head	280	38.6	+4	NE	1	35	26	4						40.4	0	NNE	1	35	26	4						8	bcm	bcm	34	13	0.1		
	Leuchars	31	39.7	+4	N	2	37																											



OBSERVATIONS at 12h. G.M.T. 24<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 24<sup>th</sup> January

OBSERVATIONS during DAY

OBSERVATIONS at 12h. G.M.T. 24 <sup>th</sup> January																	OBSERVATIONS at 18h. G.M.T. 24 <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 Hundredths of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visibility.	Cloud.					Height of Base Hundredths of feet.	State of Ground.	Weather.																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Dir.	Force.					Form.	Amount.	Low.	A.	B.				Form.	Amount.					Low.	A.	B.	Dir.	Force.			Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.	Force.	Form.	Amount.	Low.	A.	B.	Dir.



**STATION MODEL**

01112 High Cloud

Medium cloud

Temperature °F.

Present weather

Visibility

Dew Point °F.

Low cloud

Amount of Low cloud

Total Amount of cloud.

Wind

Barometer mb.

Bar. change in past 3 hours in tenths mbs.

Weather in past hour

Past weather

Height of Low cloud

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

Scale 1 : 5,000,000

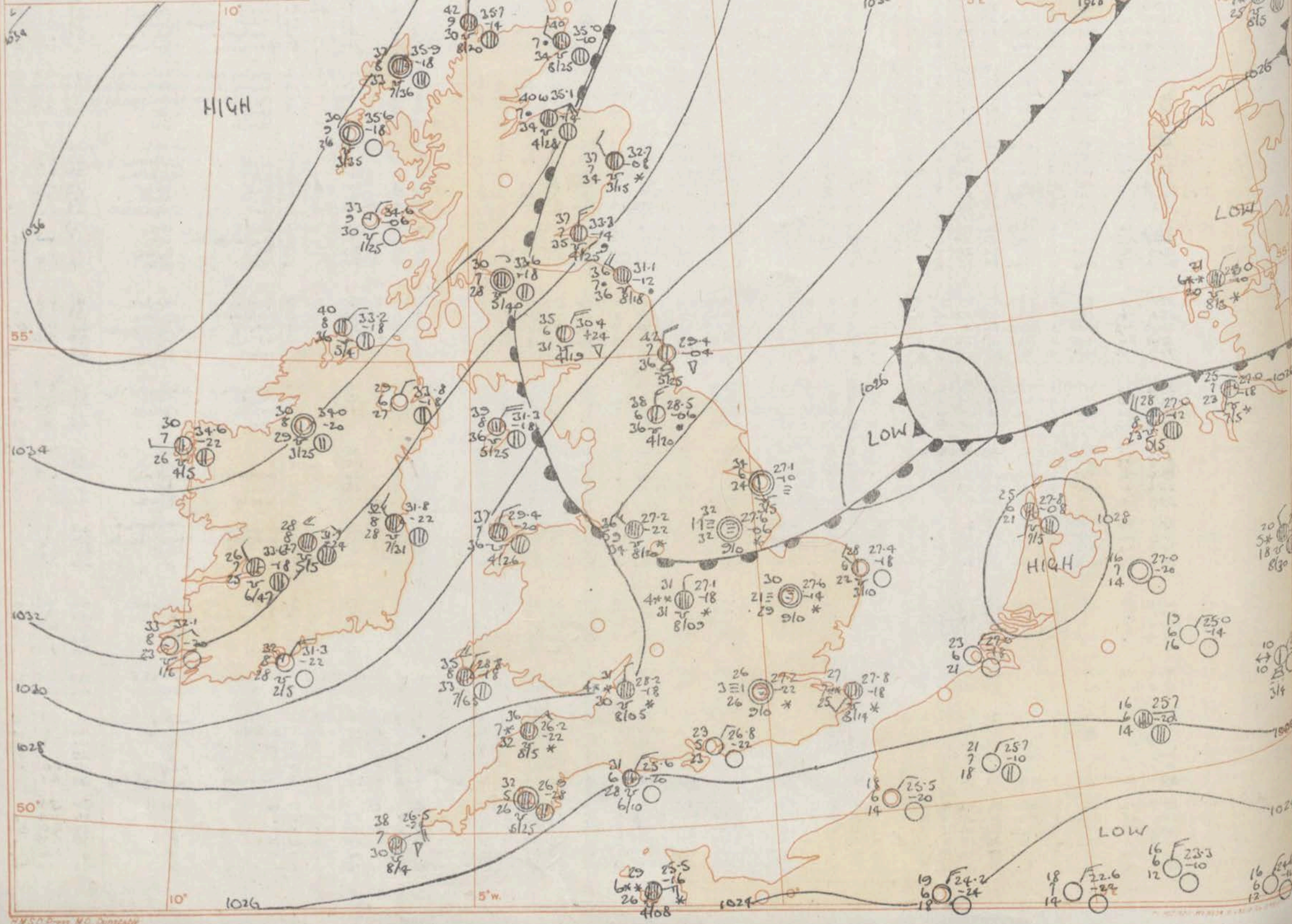
6h Saturday 25<sup>th</sup> January 1947

**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
				° F.	° F.	° F.	mm.	mm.		%	%
Kew ...	bapsoz	bapsoz	bapsoz	33	25	14	Tr	Tr	1.5	80	91
Croydon ...	bapsoz	bapsoz	bapsoz	32	20	15	Tr	Tr	1.1	80	91
Greenwich ...	bapsoz	bapsoz	bapsoz	32	22	11	Tr	Tr	0.1	73	96
Westminster	bapsoz	bapsoz	bapsoz	34	25	21	Tr	Tr	+	+	+
Regents Park	bapsoz	bapsoz	bapsoz	33	23	15	Tr	Tr	+	+	+
Camden Square	bapsoz	bapsoz	bapsoz	35	24	16	Tr	Tr	+	+	+
Kensington ...	bapsoz	bapsoz	bapsoz	34	24	17	Tr	Tr	80	98	
Hampstead ...	bapsoz	bapsoz	bapsoz	31	23	21	Tr	Tr	+	+	+

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.3 Time 18h. Min. 0.1 Time 10/16h.



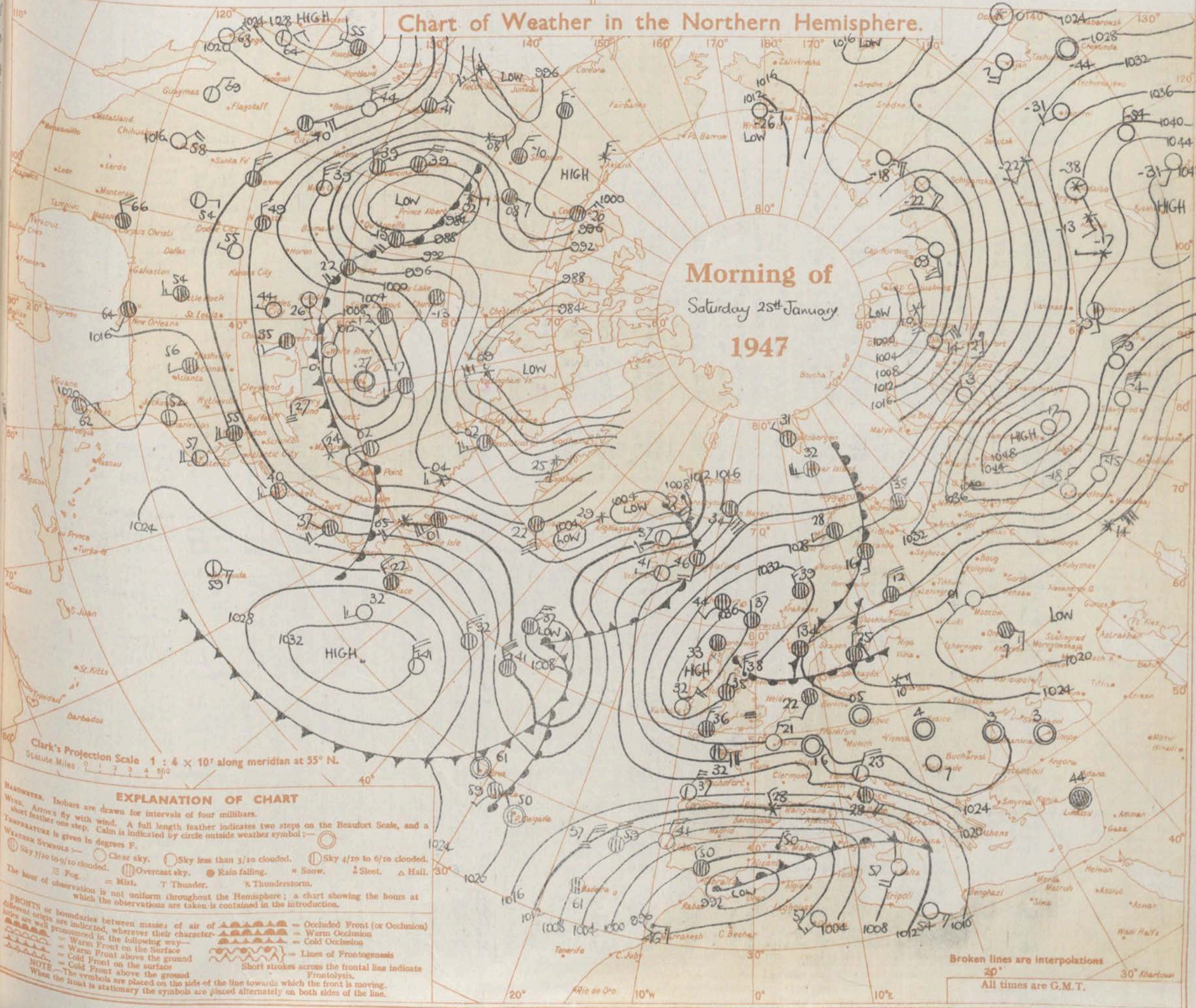


**GENERAL INFERENCE**  
An anticyclone west of Scotland is weakening steadily and small depressions will move west southwest across Southern England. In the Midlands Wales and Southern England there will be occasional snow and moderate falls may occur in the East. Much fog will also persist in the Midlands South England and East Wales. In North England and East Scotland there will be occasional rain or sleet with snow on high ground. In West Scotland and North Ireland it will be mainly fair. It will be cold generally and very cold in the South with hard night frost.

**FURTHER OUTLOOK**  
Continuing cold or very cold with occasional snow over much of England and Wales.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 25th January  
1947



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

## EXPLANATION OF CHART

**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. 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 — 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° 30°  
All times are G.M.T.



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



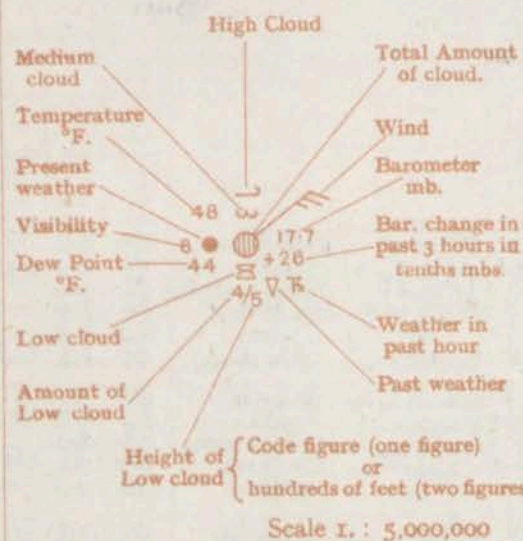
OBSERVATIONS at 12h. G.M.T. 25<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 25<sup>th</sup> January

OBSERVATIONS during DAY

STATIONS.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility miles.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility miles.	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Weather.				Max. Temp. °F. (34)	Sun- shine Hrs. (37)	Rain °F. (38)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Dir.	Force.					Low.	Med.	High.	Total.				A.	B.					Low.	Med.	High.	Total.			A.	B.	Low.	Med.				High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.



# STATION MODEL



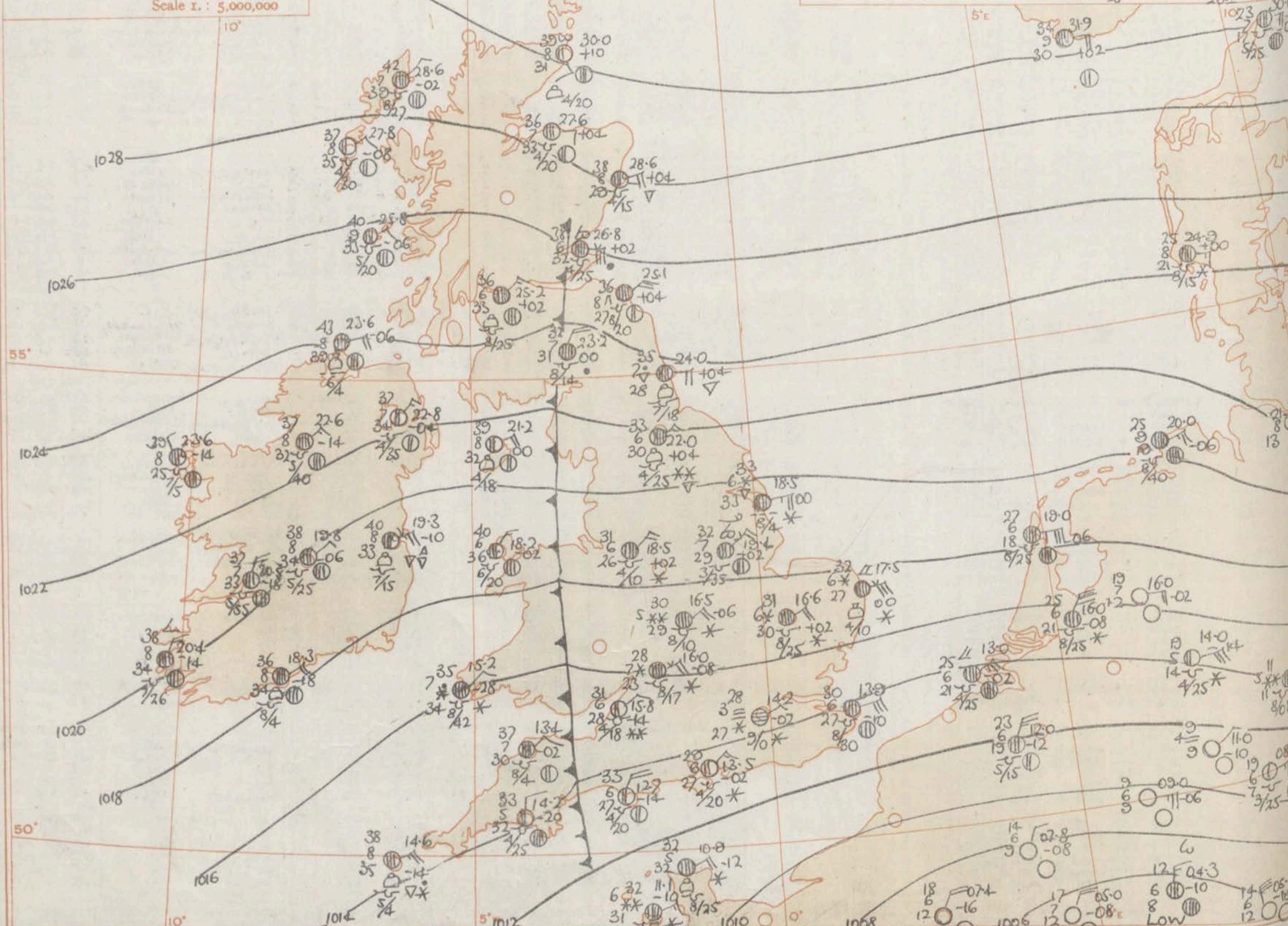
6h Sunday 26th January 1947

## 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.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yester-day	To-day
Kew	cmfsox	cisobcm	sfbcm	34	28	25	Tr	0.4	0.0		
Croydon	ofso	ofso	isomf	31	28	27	0.5	*	0.0	92	97
Greenwich	csof	Soe	csc	31	28	25	0.2	1	0.1	83	89
Westminster				43	29	27	0.4			91	92
Regents Park											
Camden Square	o	o		33	27	24	-	0.5			87
Kensington	bc x bcm	bc		33	29	27	Tr	1			92
Hampstead	bcaox	bca	osx	31	27	24	0.1	0.4			94

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.5 Time 10.25 Min. 0.1 Time 26.4.





### GENERAL INFERENCE

Pressure will continue high over Scandinavia and low in the Mediterranean with easterly winds over the British Isles. Occasional snow will occur over most of England and Wales and moderate falls are probable in the East and Southeast especially near the coasts. Occasional showers of rain or sleet will occur in Scotland and North Ireland and they will be rather frequent in the Southeast of Scotland whilst snow will occur in the highground. It will continue cold in the North and very cold in the South with frost both day and night in the South and Midlands.

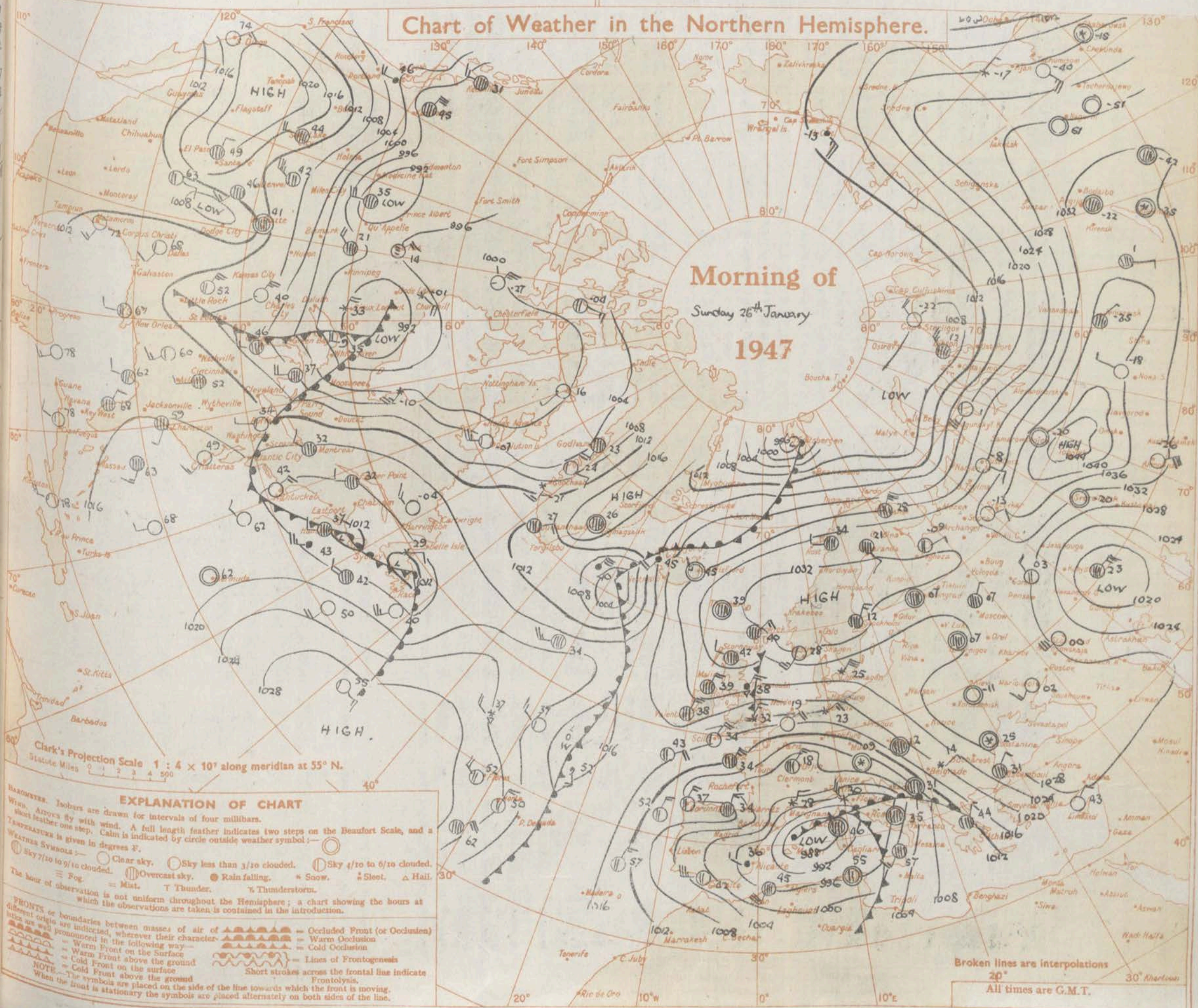
### FURTHER OUTLOOK

Similar.

↑ Gale warning in operation in districts - East of 1 - 2 - North of 3 - East of 3 - Issued at 0830 GMT. 26th January

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 26th January  
1947





## OBSERVATIONS during NIGHT

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



OBSERVATIONS at 12h. G.M.T. 26 <sup>th</sup> January																				OBSERVATIONS at 18h. G.M.T. 26 <sup>th</sup> January																				OBSERVATIONS during DAY									
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.	Barom. at M.S.L.	Change in 3 hours.	Weather.		Max. Temp. 24h.	Sunshine Hrs.	Rain 24h.																		
			Dir.	Force.				Form.	Amount.	Form.	Amount.				Form.	Amount.				Form.	Amount.	06h.-12h.	12h.-18h.																										
			Low.	Med.				High.	Total.	Low.	Med.				High.	Total.				Low.	Med.	High.	Total.				Low.	Med.				High.	Total.																
1 Kew	156	+2	NE	6	50	23	22	5	5	1	1	8	4	8	18	40	15.6	+2	NE	4	20	26	21	5	5	2	1	8	3	4	25	40	8	CsSoMo	CsSoMo	31	0.0	1											
Croydon	154	+4	NE	4	50	27	23	5	5	1	1	8	4	8	15	15	15.2	+2	NE	4	20	26	21	5	5	2	1	8	3	4	25	40	8	CsSoMo	CsSoMo	31	0.0	1											
S. Farnborough	154	+2	NE	4	50	28	27	5	5	1	1	8	4	8	12	15	15.5	+2	NE	5	20	27	25	6	5	1	1	8	3	4	14	25	8	CsSoMo	CsSoMo	31	0.0	1											
Boscombe Down	155	+2	NE	4	50	29	27	5	5	1	1	8	4	8	15	15	15.0	+2	NE	5	20	27	25	6	5	1	1	8	3	4	16	25	8	CsSoMo	CsSoMo	31	0.0	1											
Calshot	143	-2	NE	4	50	31	27	5	5	1	1	8	4	8	15	15	15.0	+2	NE	5	20	27	25	6	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
Tangmere	137	-4	NE	4	50	29	25	5	5	1	1	8	4	8	15	15	14.1	+6	NE	5	20	27	24	5	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
2 Lympne	136	0	NE	6	50	25	24	5	5	1	1	8	4	8	20	15	13.3	+4	NE	6	20	26	19	7	5	1	1	8	3	4	33	25	8	CsSoMo	CsSoMo	31	0.0	1											
Maneton	147	+4	NE	6	50	27	21	5	5	1	1	8	4	8	15	15	14.4	+2	NE	6	20	28	20	6	5	1	1	8	3	4	25	25	8	CsSoMo	CsSoMo	31	0.0	1											
Borsted	168	-2	NE	4	50	26	22	5	5	1	1	8	4	8	15	15	16.5	+2	NE	4	20	27	19	7	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
Felixstowe	163	+4	NE	6	50	28	24	5	5	1	1	8	4	8	15	15	15.7	0	NE	6	20	27	23	7	5	1	1	8	3	4	19	25	8	CsSoMo	CsSoMo	31	0.0	1											
Gorleston	180	0	NE	6	50	30	24	5	5	1	1	8	4	8	15	15	18.1	+2	NE	7	20	30	24	6	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
3 Mildenhall	179	0	ENE	5	50	29	23	5	5	1	1	7	4	7	10	25	17.6	+6	ENE	5	20	28	25	7	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
West Raynham	182	-6	ENE	5	50	29	23	5	5	1	1	7	4	7	18	40	18.2	-2	ENE	4	20	29	27	7	5	1	1	8	3	4	25	25	8	CsSoMo	CsSoMo	31	0.0	1											
Waddington	220	+4	E	4	50	31	28	5	5	1	1	8	4	8	15	15	20.7	+4	E	5	20	28	28	4	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
Grantham	181	+10	ENE	7	50	28	22	5	5	1	1	6	5	5	20	40	17.6	+6	ENE	7	20	26	21	7	5	1	1	8	3	4	25	25	8	CsSoMo	CsSoMo	31	0.0	1											
Honiley	185	+4	ENE	4	50	28	24	5	5	1	1	5	4	5	25	25	18.8	+6	NE	4	20	27	24	6	5	1	1	8	3	4	22	25	8	CsSoMo	CsSoMo	31	0.0	1											
4 Little Rissington	169	+2	ENE	6	50	27	20	5	5	1	1	6	5	5	10	15	17.2	+2	ENE	5	20	25	17	7	5	1	1	8	3	4	23	25	8	CsSoMo	CsSoMo	31	0.0	1											
Defford	183	+2	ENE	6	50	30	28	5	5	1	1	6	5	5	10	25	18.8	+4	ENE	7	20	29	23	6	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Bristol	166	0	ENE	5	50	30	28	5	5	1	1	6	5	5	10	25	16.8	+2	NE	5	20	29	20	6	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Hartland Point	139	+2	NE	6	50	33	30	5	5	1	1	5	5	5	15	15	18.5	+18	NE	6	20	31	27	7	5	1	1	8	3	4	3	25	8	CsSoMo	CsSoMo	31	0.0	1											
Yeovilton	139	+2	NE	6	50	33	30	5	5	1	1	5	5	5	15	15	18.5	+18	NE	6	20	31	27	7	5	1	1	8	3	4	3	25	8	CsSoMo	CsSoMo	31	0.0	1											
5 Portland Bill	135	+2	ENE	5	50	32	26	5	5	1	1	8	4	8	10	15	13.7	+2	ENE	5	20	29	26	6	5	1	1	8	3	4	10	25	8	CsSoMo	CsSoMo	31	0.0	1											
Exeter	150	+2	NE	4	50	33	28	5	5	1	1	8	4	8	10	40	16.4	+14	ENE	4	20	29	27	7	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Plymouth	143	+2	ENE	4	50	34	34	5	5	1	1	8	4	8	20	15	15.6	+14	ENE	3	20	29	29	6	5	1	1	8	3	4	30	25	8	CsSoMo	CsSoMo	31	0.0	1											
St. Eval	142	+4	ENE	4	50	33	25	5	5	1	1	8	4	8	25	72	16.4	+18	NE	4	20	28	20	8	5	1	1	8	3	4	30	25	8	CsSoMo	CsSoMo	31	0.0	1											
Predannack	128	-2	E	5	50	36	27	5	5	1	1	8	4	8	15	15	14.1	+16	ENE	5	20	33	24	8	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Guernsey	119	+6	EN	4	50	31	27	5	5	1	1	8	4	8	6	15	12.5	+14	ENE	5	20	31	28	6	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
6 Scilly, St. Marys	131	-6	EN	5	50	34	33	5	5	1	1	8	4	8	2	15	13.8	+12	ENE	5	20	34	34	8	5	1	1	8	3	4	4	25	8	CsSoMo	CsSoMo	31	0.0	1											
Fairwood	168	+4	NE	3	50	31	29	5	5	1	1	8	4	8	4	20	17.8	+6	NE	2	20	28	27	7	5	1	1	8	3	4	18	25	8	CsSoMo	CsSoMo	31	0.0	1											
Pembroke	174	+8	ENE	5	50	34	30	5	5	1	1	8	4	8	15	15	18.8	+8	ENE	6	20	31	28	7	5	1	1	8	3	4	30	25	8	CsSoMo	CsSoMo	31	0.0	1											
Aberperth	181	+6	EN	4	50	33	29	5	5	1	1	8	4	8	15	40	19.2	+6	ENE	4	20	30	24	7	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
Penrhos	181	+6	EN	4	50	33	29	5	5	1	1	8	4	8	15	40	19.2	+6	ENE	4	20	30	24	7	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
7 Holyhead (Valley)	211	+8	NE	5	50	34	32	5	5	1	1	8	4	8	10	15	21.1	+4	ENE	5	20	34	34	6	5	1	1	8	3	4	16	25	8	CsSoMo	CsSoMo	31	0.0	1											
Hawarden	212	+6	NE	4	50	32	29	5	5	1	1	8	4	8	25	15	21.6	+10	ENE	3	20	31	29	5	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
Manchester	205	+6	NNE	4	50	30	28	5	5	1	1	8	4	8	18	40	20.4	+4	NE	4	20	30	25	6	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Squires Gate	220	+2	ENE	4	50	35	30	5	5	1	1	8	4	8	20	25	22.5	+6	ENE	4	20	33	27	8	5	1	1	8	3	4	25	25	8	CsSoMo	CsSoMo	31	0.0	1											
Carlisle	248	+6	ENE	3	50	33	30	5	5	1	1	8	4	8	15	40	24.9	+6	ENE	3	20	33	31	6	5	1	1	8	3	4	20	25	8	CsSoMo	CsSoMo	31	0.0	1											
8 Ashbourne	210	+2	ENE	4	50	31	28	5	5	1	1	8	4	8	25	40	21.3	+10	NE	3	20	31	30	5	5	1	1	8	3	4	12	25	8	CsSoMo	CsSoMo	31	0.0	1											
Finnigley	203	+4	E	6	50	32	32	5	5	1	1	8	4	8	15	15	20.6	+10	E	6	20	33	33	6	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Spurn Head	231	-2	NE	3	50	31	31	5	5	1	1	8	4	8	20	15	23.6	+6	NE	5	20	31	28	7	5	1	1	8	3	4	35	25	8	CsSoMo	CsSoMo	31	0.0	1											
Leeming	250	+4	E	4	50	35	33	5	5	1	1	8	4	8	18	15	25.1	+2	E	5	20	35	29	7	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Tynemouth	250	+4	E	4	50	35	33	5	5	1	1	8	4	8	18	15	25.1	+2	E	5	20	35	29	7	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
9 Acklington	267	+10	EN	5	50	34	33	5	5	1	1	8	4	8	18	25	25.4	+2	ENE	5	20	35	34	8	5	1	1	8	3	4	30	25	8	CsSoMo	CsSoMo	31	0.0	1											
St. Abb's Head	264	+2	NE	6	50	34	31	5	5	1	1	8	4	8	22	40	26.6	-4	NNE	4	20	36	27	8	5	1	1	8	3	4	25	25	8	CsSoMo	CsSoMo	31	0.0	1											
Leuchars	228	+2	E	4	50	36	30	5	5	1	1	8	4	8	22	25	27.9	0	ENE	5	20	37	31	7	5	1	1	8	3	4	15	25	8	CsSoMo	CsSoMo	31	0.0	1											
Bell Rock	222	+2	E	7	50	37	29	5</																																									

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

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

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

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

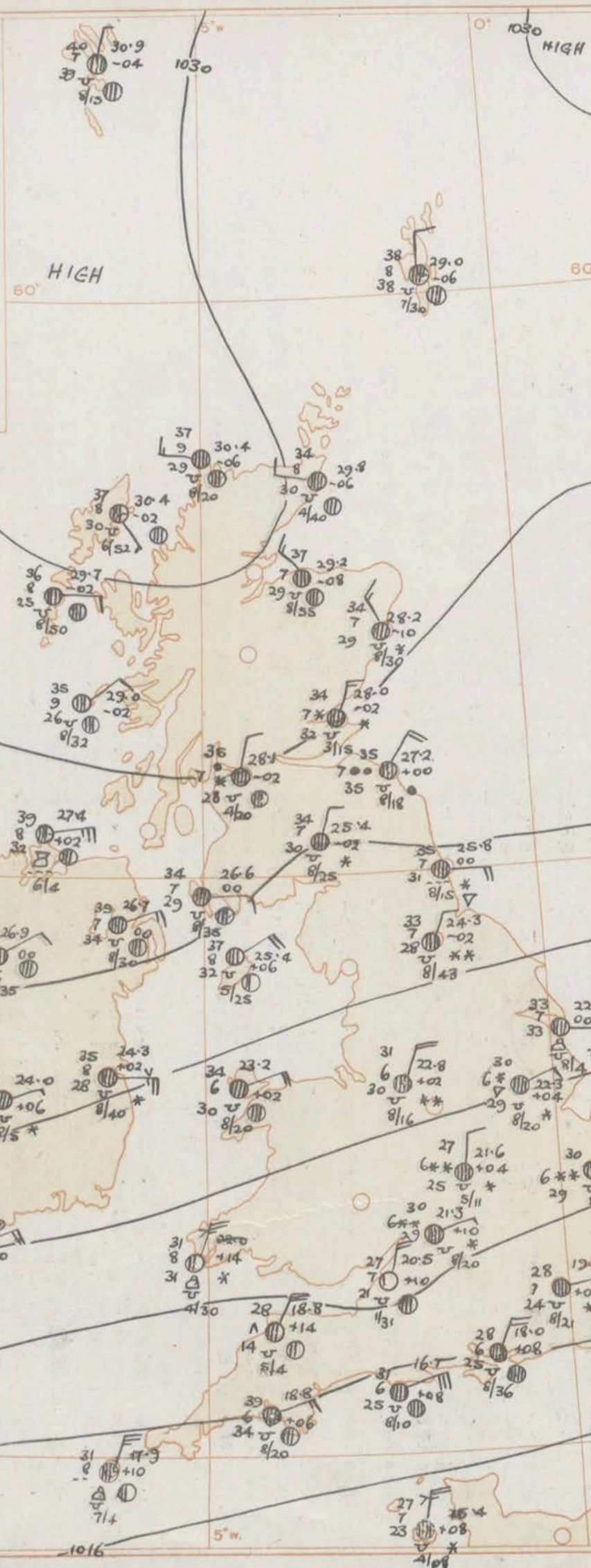
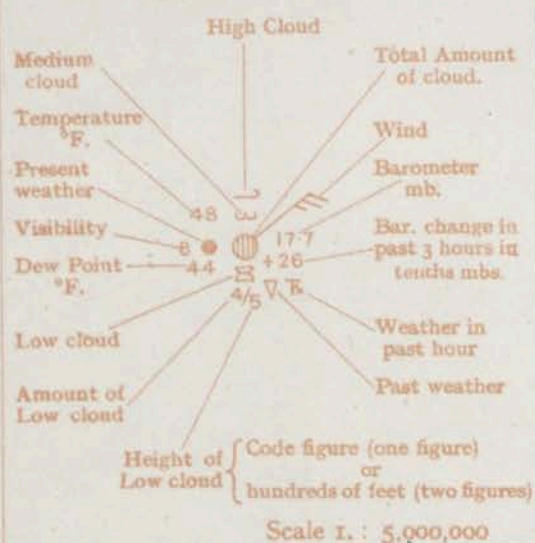
A = Lowest cloud present.  
B = Next lowest cloud. † See footnote p. 4

\* Information not usually received.

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



## STATION MODEL



6h

Monday 27<sup>th</sup> January.

1947

## 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.		25h %	26h %
Kew ...	cs, sm	cs, sm	cz	31	28	26	1	0.1	0.0	72	77
Croydon ...	cs, sm	cs, sm	cm, z, s	33	27	23	0.2	1	0.0	95	94
Greenwich ...	cs, s	cs, s	cs, c	33	27	25	Tr	Tr	0.0	87	98
Westminster				35	28	26	0.2				94
Regents Park				30	27	24	Tr	Tr			83
Camden Square	cs	cs		32	27	24	Tr			87	97
Kensington ...	cs	cs		31	27	25	Tr	Tr			92
Hampstead ...	cs, x	cs	cs, x	28	25	21	1.2	Tr			

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.1 Time 10.22 Min. 0.01 Time 0.61. 27<sup>th</sup>



1947

Humidity

Temp

Wind

Cloud

Pressure

Time

Day

Night

Temp

Wind

Cloud

Pressure

Time

Day

Night

Temp

Wind

Cloud

Pressure

Time

Day

Night

Temp

Wind

Cloud

Pressure

Time

Day

Night

Temp

Wind

Cloud

Pressure

Time

Day

Night

Temp

Wind

Cloud

Pressure

Time

Day

Night

Temp

Wind

Cloud

Pressure

# GENERAL INFERENCE

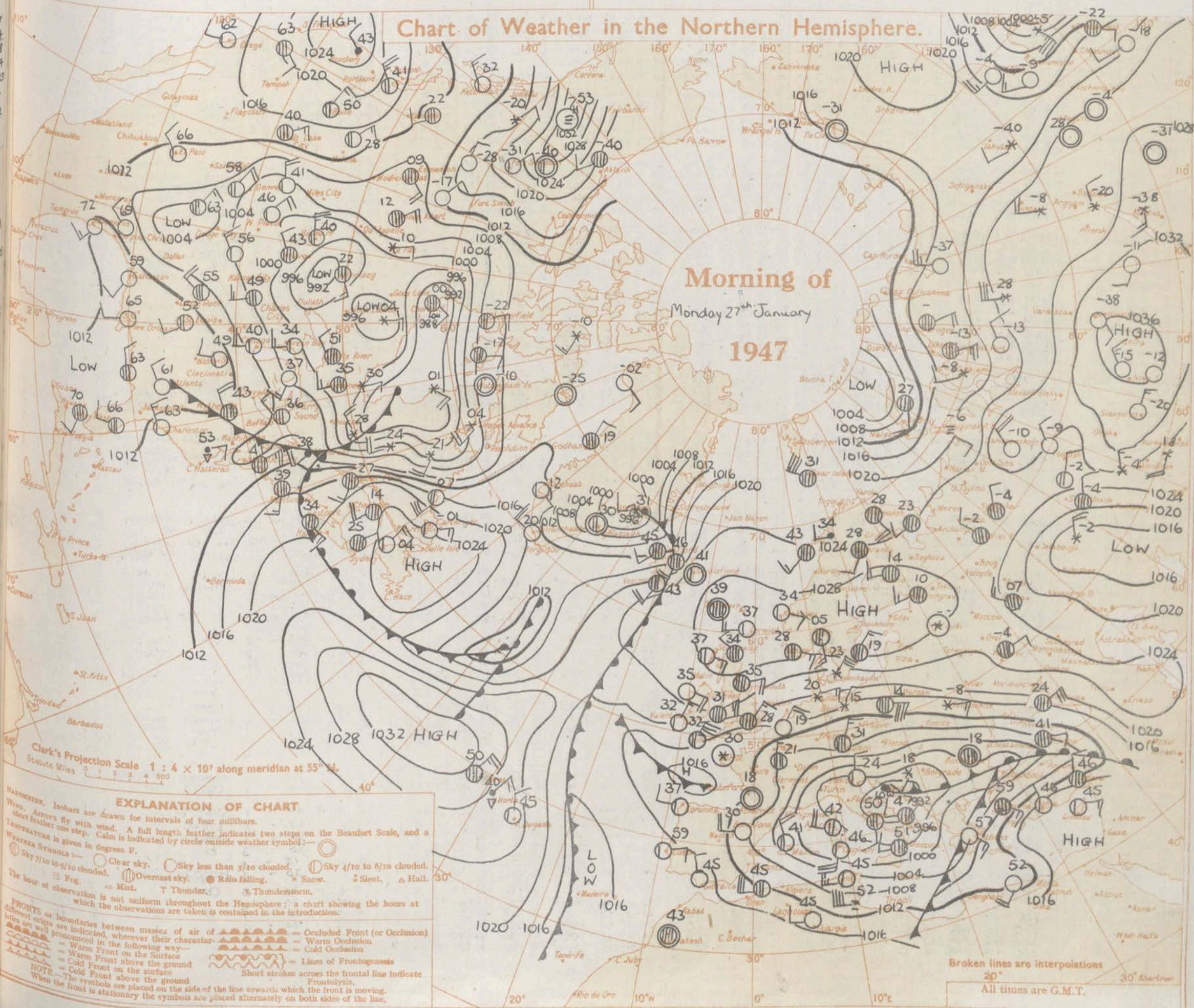
Pressure is high to the north of Scotland and a very cold easterly air stream covers most of the British Isles. Weather will be cloudy, with periods of snow in most districts with the exception of North Scotland. In the Midlands, East and South-east England snowfall will be more prolonged and moderate at times. It will be very cold in most places.

little change.

# FURTHER OUTLOOK

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 27<sup>th</sup> January  
1947



Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 0 1 2 3 4 5 6 7 8 9 10

## EXPLANATION OF CHART

**ISOBARS.** Isohars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE.** 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.

**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.

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



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

Monday 27th January 1947

No. 31112

## OBSERVATIONS at 00hr. G.M.T. 27th January

## OBSERVATIONS at 06hr. G.M.T. 27th January

## OBSERVATIONS during NIGHT

District.	STATIONS.	OBSERVATIONS at 00hr. G.M.T. 27th January														OBSERVATIONS at 06hr. G.M.T. 27th January														OBSERVATIONS during NIGHT					
		Height above M.S.L. in feet	Barom. at M.S.L.	Change in 1 hour.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				State of Ground.	Weather.		Temperature		Rain			
					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.	Min. on Grass °F.				
												Low.	Med.											High.	Low.								Med.	High.	Low.
		mb.	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Kew	16					29								19.4	+6	NNE	3	iso	29	22	5	5	2				4	8	28		8	26	0.1	
	Croydon	217	17.0	+6	NE	4	28	22	66						19.4	+8	ENE	3	c/s	28	24	7	5					4	8	27		8	23	0.1	
	S. Farnborough	226	17.6	+6	ENE	4	28	22	66						19.4	+4	NE'E	3	SoSo	28	26	5	5					4	8	27		8	25	Tr	
	Boscombe Down	417	17.5	-2	ENE	4	28	22	66						19.4	+8	NNE	4	mo	28	24	6	5					4	8	27		8	24	0.3	
	Calshot	8	16.3	+2	ENE	3	29	19	6	5					18.6	+14	ENE	5	c	30	24	7	5					4	8	27		8	27	0.3	
	Tangmere	53	15.5	+2	NE	3	28	24	6	5					32		NE	4	mo	28	25	6	5					4	8	26		8	23	Tr	
	Lymington	341	15.9	+8	ENE	5	25	18	6	5					18.3	+10	ENE	6	iso	25	15	7	5					4	8	24		8	23	Tr	
	Manston	140	17.0	+2	ENE	4	28	21	6	5					18.6	+8	ENE	6	iso	27	22	6	5					4	8	26		8	24	0.5	
2	Boxed	165	18.4	+8	NE	6	28	19	3	5					19.8	+2	NE	4	iso	30	21	7	5					4	8	30		8	26	1	
	Felixstowe	10	17.9	+6	ENE	6	28	27	3	5					19.4	+6	ENE	6	c	31	21	7	5					4	8	35		8	23		
	Gorleston	5	20.0	+8	EN	7	32	29	7	3					20.2	+2	ENE	6	psl	33	28	6	2					4	8	20		8	29		
	Mildenhall	15	19.4	+10	ENE	5	29	27	7	5					20.6	+2	NE'N	2	SoSo	30	29	6	5					4	8	25		8	24	0.1	
	West Raynham	250	20.0	+14	ENE	5	30	28	7	5					20.7	+2	ENE	3	iso	30	27	6	5					4	8	34		8	21	0.5	
	Waddington	235	21.5	+6	ENE	3	30	28	6	5					22.3	+4	ENE	2	psl	30	29	6	5					4	8	20		8	28	Tr	
3	Cranfield	340	19.7	+18	ENE	5	27	22	7	5					20.6	+4	NE	4	iso	27	26	6	5					4	8	25		8	22	1	
	Honley	427	19.4	+10	ENE	4	27	21	7	5					21.6	+4	N	2	SoSo	27	25	6	5					4	8	11	25	8	29	0.3	
4	Little Rissington	731	19.2	+6	ENE	5	25	17	8	5					21.3	+10	ENE	1	SoSo	25	18	7	5					4	8	20		8	23	3	
	Defford	58	20.2	+6	NNE	4	29	25	6	5					21.9	+6	NNE	2	SoSo	29	26	6	5					4	8	32		8	26	Tr	
5	Bristol	209	18.6	+4	NE	5	29	21	7	5					20.5	+10	NE	4	b/c	27	21	7	5					4	8	31		8	23	Tr	
	Hartland Point	399	16.7	+8	NE	6	29	27	7	5					18.8	+14	NE	6	q	28	14	7	5					4	8	20		8	31	25	
	Yeovilton	50													18.6	*	NE'E	3	mo	29		6	5					4	8	6		8	26	18	
	Portland Bill	32	15.3	+2	ENE	6	30	23	6	5					16.7	+8	ENE	6	mo	31	25	6	5					4	8	10		8	27	Tr	
	Exeter	100	18.3	+6	NE	3	28	22	7	5					19.7	+6	NE	4	c	29	28	7	4					4	8	4.2		8	27	Tr	
	Plymouth	86	17.7	+10	NE	4	29	22	7	5					18.8	+6	ENE	3	mo	29	24	6	5					4	8	20		8	29	Tr	
	St. Eval	345	18.1	+10	ENE	4	27	17	7	5					19.6	+6	ENE	4	c	28	20	8	5					4	8	30		8	27	25	
	Predannack	293	15.2	+6	ENE	4	31	25	7	5					17.1	+4	NE'E	5	c	30	23	7	5					4	8	12		8	30		
	Guernsey	340	13.5	+6	NE	5	31	28	7	5					25.4	+8	NNE	5	c	27	23	7	5					4	8	8	15	9	27	26	7
6	Scilly, St. Marys	163	15.8	+6	ENE	6	32	26	8	5					17.9	+10	NE'E	5	c	31	8	8						4	8	7		8	29		
	Fairwood	268	18.4	+4	NE	5	28	24	7	5					21.4	+6	NE	4	c	28	21	7	5					4	8	20		8	25	Tr	
	Pembroke	142	20.2	+4	ENE	5	31	31	7	5					23.0	+14	NE	5	bc	31	31	8	8					4	8	39		8	27	Tr	
	Aberporth	425	20.5	0	EN	4	31	28	7	5					22.2	+6	E	3	c	30	24	7	5					4	8	20		8	27	Tr	
7	Penrhos	63																																	
	Holyhead (Valley)	32	22.6	+2	ENE	4	35	35	6	8					23.2	+2	ENE	4	mo	34	30	6	5					4	8	20		8	33	0.2	
	Hawarden	15	22.6	+6	ENE	4	32	29	4	5					23.5	+2	ENE	3	c/s	32	30	6	5					4	8	16	25	8	29	0.5	
8	Manchester	230	21.9	+2	NE	4	31	31	6	5					22.8	+2	NE	4	c/s	31	30	6	5					4	8	16		8	30	Tr	
	Squires Gate	33													24.0	+2	NE	2	c/s	33	31	8	5					4	8	35	40	0	31	30	Tr
	Carlisle	100	25.5	+6	ENE	2	33	32	6	5					25.4	+2		0	c/s	34	30	7	5					4	8	25		8	31	25	Tr
9	Ashbourne	590																																	
10	Finningley	28	22.3	+16	ENE	2	31	31	6	5					22.7	0	NE	3	c	32	30	7	5					4	8	20		8	30	1	
	Spurn Head	29	21.1	+4	E	4	33	30	6	5					22.42.																				



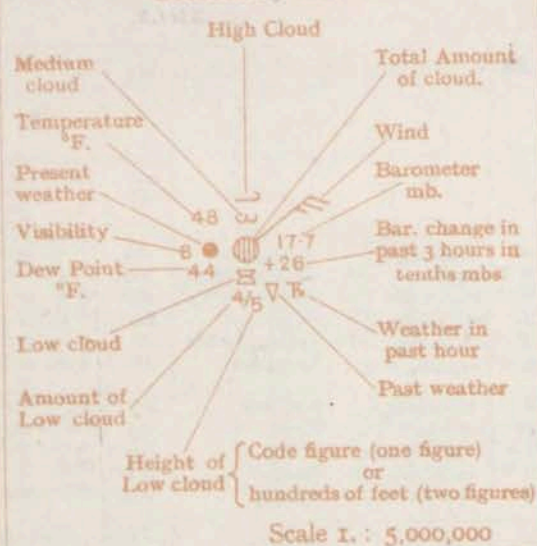
OBSERVATIONS at 12h. G.M.T. 27<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 27<sup>th</sup> January

OBSERVATIONS during DAY

Duration	STATIONS (For heights see p. 4.)	OBSERVATIONS at 12h. G.M.T. 27 <sup>th</sup> January															OBSERVATIONS at 18h. G.M.T. 27 <sup>th</sup> January															OBSERVATIONS during DAY							
		Barom. at M.S.L.					Wind.					Cloud.					Barom. at M.S.L.					Wind.					Cloud.					Weather.							
		Change in 3 hours					Force					Form.					Change in 3 hours					Force					Form.					State of Ground.							
		(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	Kear	20.9	+8	ENE	5	SoSo	29	23	6	5	3	-	6	3	5	21	40	21.3	+4	ENE	4	2	28	16	6	5	-	7	7	-	28	-	4	CS	SoSo	30	0.2		
	Croydon	20.9	+10	ENE	3	SS	27	24	4	8	7	-	8	4	5	10	15	21.1	+2	NE	4	3	27	19	4	5	-	8	3	8	20	40	8.3	CS	SoSo	30	0.5		
	S. Farnborough	20.6	+2	ENE	4	SoSo	28	27	4	5	7	-	6	4	5	12	15	21.2	+6	ENE	3	2	27	17	6	4	-	4	4	-	30	-	8.1	CS	SoSo	29	0.1		
	Boscombe Down	20.8	+4	NE	4	Mo	29	27	6	7	-	-	6	4	5	18	40	21.4	+6	NE	2	Mo	26	21	5	5	-	7	7	-	22	-	4	CS	SoSo	30	0.3		
	Calshot	20.4	+2	NE	3	SoSo	29	27	5	5	-	-	8	8	-	10	-	21.2	+10	ENE	4	bc	28	25	7	4	6	-	4	4	3	20	-	8.1	CS	SoSo	31	0.2	
	Tangmere	19.0	-6	ENE	4	c/s	27	23	6	8	-	-	6	4	5	15	28	20.5	+6	NE	3	bc	25	21	7	8	-	4	3	3	20	28	8.2	CS	SoSo	30	0.2		
2	Lymington	19.7	+6	NE	6	So	26	15	7	5	-	-	8	8	-	25	-	20.0	+4	ENE	5	c	26	17	7	5	-	7	7	-	32	-	8.1	CS	SoSo	27	0.1		
	Manston	20.5	+6	NE	6	c	27	18	7	5	-	-	6	6	-	25	-	20.9	+2	NE	5	c	27	20	7	5	-	8	6	-	25	-	8.1	CS	SoSo	29	0.1		
	Boscombe Down	22.1	+10	NE	4	So	27	18	6	5	-	-	4	3	3	18	25	22.0	+6	NE	3	c	27	17	7	5	-	8	8	-	29	-	8.0	CS	SoSo	30	0.1		
	Felixstowe	21.3	+10	ENE	6	So	29	21	7	5	-	-	8	5	8	21	40	21.3	+2	E	5	c	29	19	7	5	-	8	8	-	25	-	8.0	CS	SoSo	30	0.8		
	Corlestone	22.0	+10	E	6	So	32	31	7	5	-	-	3	5	-	15	-	22.3	0	ENE	4	ps	30	23	7	3	2	-	8	3	5	15	72	8	CS	SoSo	32	0.9	
3	Mildenhall	22.6	+12	ENE	3	SoSo	30	29	6	5	-	-	8	4	8	15	25	22.5	0	NE	2	Mo	25	21	6	5	-	5	5	-	25	-	4	CS	SoSo	31	0.4		
	West Raynham	22.2	+10	ENE	3	So	30	29	4	5	-	-	8	8	-	20	-	22.4	+2	NNW	1	So	25	24	4	5	-	8	8	-	20	-	8.3	CS	SoSo	31	0.3		
	Waddington	23.2	+2	ENE	3	SoSo	31	29	7	5	-	-	8	8	-	20	-	23.6	+6	E	2	So	28	27	6	5	-	8	8	-	160	-	8.4	CS	SoSo	32	0.0		
	Cranfield	21.5	+6	ENE	6	SS	28	27	4	5	-	-	8	8	-	10	-	22.2	+6	NE	3	c	26	23	7	5	-	8	8	-	20	-	8.1	CS	SoSo	29	0.8		
	Honiley	22.2	+2	SSE	3	SoSo	30	27	4	5	-	-	8	4	8	12	25	23.0	+10	NNE	2	c/s	25	21	6	5	-	8	8	-	30	-	8	CS	SoSo	30	0.4		
4	Little Rissington	22.0	+2	NE	3	SoSo	27	26	5	5	-	-	8	8	8	12	15	22.5	+6	ENE	3	b/cps	23	22	7	5	-	4	2	4	20	40	8	CS	SoSo	28	0.0		
5	Defford	22.3	+2	NNE	4	SoSo	31	27	6	6	2	-	8	4	8	15	15	22.8	+8	NE	2	c/s	28	27	6	5	-	7	4	7	15	15	8	CS	SoSo	32	0.0		
	Bristol	21.1	-2	NE	4	So	29	26	4	5	-	-	7	7	-	15	-	21.6	+6	NE	3	c/s	27	22	5	5	3	-	7	4	9	25	5	4	CS	SoSo	31	0.0	
	Northland Point	20.0	0	NE	5	bc	31	26	8	8	-	-	5	5	-	-	-	20.1	+4	ENE	4	c	22	28	7	5	-	7	7	-	-	-	3	CS	SoSo	31	0.0		
	Yeovilton	20.0	+6	NE	3	bc	31	30	7	8	2	-	5	4	4	19	-	20.5	+10	ENE	3	Mo	29	29	5	5	2	-	7	6	-	18	-	3	CS	SoSo	32	0.0	
6	Portland Bill	18.4	+6	ENE	4	c	31	28	6	2	-	-	8	5	-	10	-	18.7	+4	E	5	c-bc	30	23	6	5	-	5	5	-	10	-	1	CS	SoSo	32	0.0		
	Exeter	20.8	+2	NE	4	c/ps	31	25	7	2	-	-	7	7	5	7	22	-	21.3	+10	ENE	3	Mo	30	24	6	5	-	6	3	6	35	57	3	CS	SoSo	33	0.1	
	Plymouth	20.2	+6	E	3	ps	32	-	5	5	2	-	8	4	8	20	-	20.3	+6	ENE	3	Mo	32	27	5	5	-	8	8	-	30	-	3	CS	SoSo	36	0.0		
	St. Eval	20.8	+2	ENE	4	c-bc	30	23	8	1	-	-	2	5	3	2	25	-	21.0	+10	NE	3	c	29	20	7	5	-	2	7	5	-	30	-	3	CS	SoSo	32	0.0
	Predannack	18.7	+12	ENE	6	SoSo	32	32	7	5	-	-	8	8	-	10	-	18.6	+2	ENE	5	c	33	28	7	5	-	8	8	-	15	-	3	CS	SoSo	34	0.0		
	Guernsey	18.7	+12	ENE	6	SoSo	32	32	7	5	-	-	8	8	-	10	-	17.1	0	ENE	5	c	31	29	7	5	-	8	8	-	12	25	7	CS	SoSo	31	0.4		
7	Scilly, St. Marys	18.6	+6	NE	5	c	34	22	8	8	2	-	6	4	4	15	57	18.7	+6	ENE	5	c-bc	33	23	8	8	2	-	5	4	3	17	57	3	CS	SoSo	35	0.2	
	Fairwood	21.8	-2	NNE	3	So	30	28	6	5	-	-	6	4	6	20	25	21.6	+2	E	3	Mo	31	28	6	5	-	8	8	-	20	-	8	CS	SoSo	32	0.0		
	Pembroke	23.2	0	NE	2	So	31	29	7	5	-	-	7	7	-	30	-	22.1	0	ENE	2	c	33	32	7	5	-	8	8	-	25	-	1	CS	SoSo	34	0.0		
	Aberperth	22.5	-4	ENE	3	So	33	30	7	8	7	-	8	4	5	15	15	22.5	+2	ENE	3	c	32	29	7	5	-	8	1	8	15	40	4	CS	SoSo	34	0.0		
8	Holyhead (Valley)	24.6	+2	E	3	SoSo	34	28	6	5	-	-	5	4	5	12	25	24.0	+2	E	3	c	34	31	7	8	-	7	5	7	12	40	1	CS	SoSo	36	0.2		
	Harwarden	24.3	+4	NE	3	SoSo	33	30	4	5	-	-	8	8	-	20	-	24.3	+2	NE	3	Mo	32	28	4	5	-	8	8	-	20	-	8	CS	SoSo	34	0.0		
	Manchester	24.0	+2	NE	3	Mo	32	26	6	5	-																												



## STATION MODEL



6h

Tuesday 28<sup>th</sup> January.

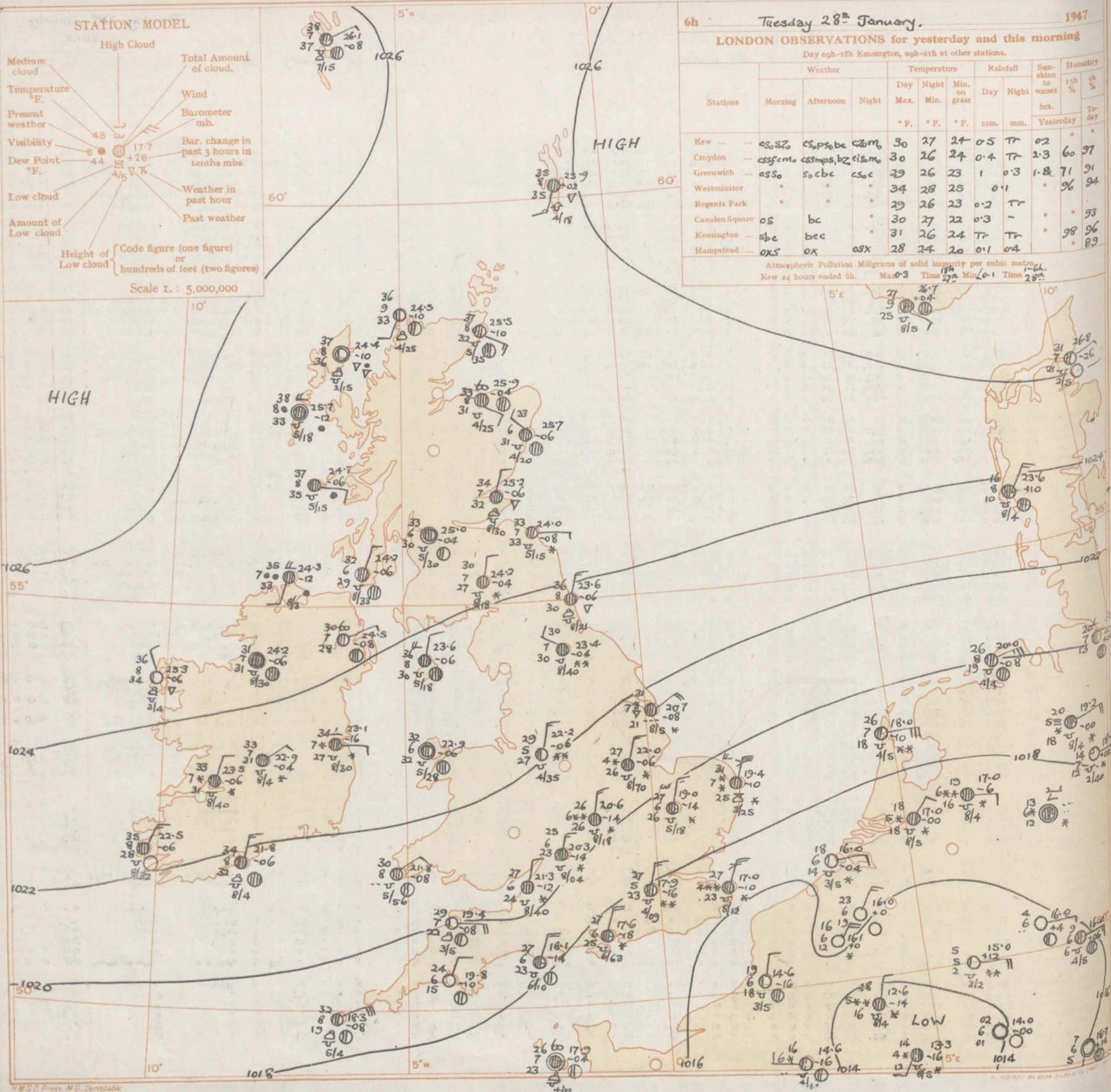
1947

## 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 %	21h %
Kew	cs, sz	cs, ps, bc	cs, m	30	27	24	0.5	Tr	0.2	60	97
Croydon	cs, fc, m	cs, ps, bc, sz	cs, m	30	26	24	0.4	Tr	2.3	71	91
Greenwich	cs, sz	cs, bc	cs, c	29	26	23	1	0.3	1.8	96	94
Westminster				34	28	25	0.1				
Regents Park				29	26	23	0.2	Tr			
Camden Square	os	bc		30	27	22	0.3			93	
Kensington	sb, c	bc, c		31	26	24	Tr	Tr		98	96
Hampstead	os, s	os, s	os, s	28	24	20	0.1	0.4		89	

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
 Kew 24 hours ended 6h. Max 0.3 Time 19h Min 0.1 Time 28h





### GENERAL INFERENCE

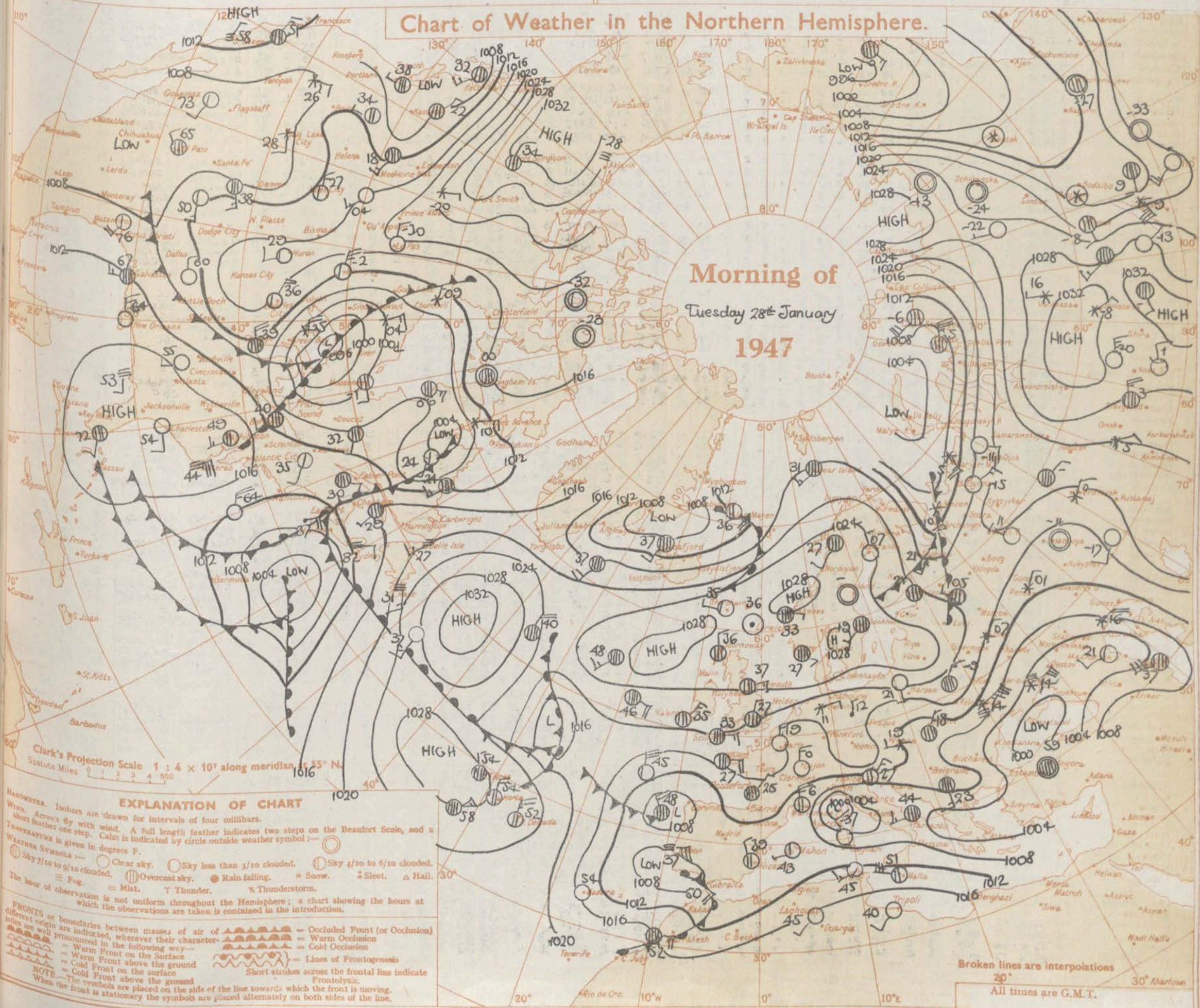
A trough of low pressure associated with a shallow depression over France is moving westwards across England. There will be periods of snow in most districts and in the Midlands, East and Southeast England the snow will be fairly continuous and moderate locally but a fair period will occur in the Southeast behind the trough later in the day. In the extreme Northwest there will be occasional rain or sleet with snow on high ground. It will be cold in the Northwest and very cold elsewhere with persistent frost in many places especially in the Southeast.

Little change.

### FURTHER OUTLOOK

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 28<sup>th</sup> January  
1947



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

### EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
**TEMPERATURE** is given in degrees F.  
**WEATHER SYMBOLS** — Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.  
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.  
**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way — Warm Front on the surface. Warm Front above the ground. Cold Front on the surface. Cold Front above the ground. 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° 30°  
All times are G.M.T.



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

Tuesday 28<sup>th</sup> January 1947

No 31113

[illegible]

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

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



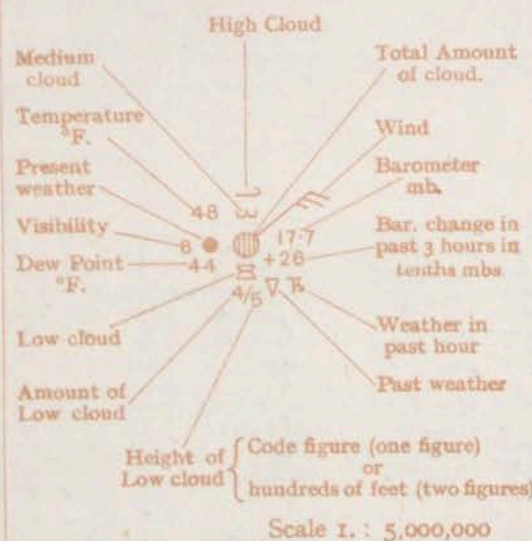
OBSERVATIONS at 12h. G.M.T. 28<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 28<sup>th</sup> January

OBSERVATIONS during DAY

STATIONS.	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. inches.								
			Dir.	Force.				Form.	Amount.	Dir.	Force.				Form.	Amount.																						
																				Low.	Med.	High.	Total.			Low.	Med.				High.	Total.						
																																	A.	B.	A.	B.	A.	B.
(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	16.0	-16	NEIN	4	4/5	29	22	6	5	2	-	13.9	+6	E	2	15	23	21	4	-	2	-	8	8	-	25	-	8	3"	cs, is, mo	ls, sf, sc, sm	30	0.0	3				
Croydon	15.7	-16	NE	4	4/5	28	22	4	8	-	-	14.0	+8	E	2	15	23	21	4	-	2	-	8	8	-	25	-	8	3"	cs, is, mo	ls, sf, sc, sm	29	0.0	3				
S. Farnborough	16.3	-18	NE	4	4/5	28	23	6	5	7	-	13.3	-8	NEE	2	15	25	21	4	-	1	-	8	8	-	25	-	8	3"	cs, is, mo	ls, sf, sc, sm	30	0.0	3				
Boscombe Down	17.6	-14	NE	4	4/5	29	25	7	5	7	-	15.0	-10	N	3	15	27	25	5	7	-	8	6	8	14	-	8	0"	bc, mo, cs	cs, mo, ss, fm	31	0.2	1					
Calshot	16.3	-14	NNE	3	mo	30	25	6	5	7	-	13.1	-14	NE	3	15	26	25	6	5	1	-	7	4	7	20	-	8	0"	bc, mo, cs	cs, mo, ss, fm	31	0.1	Tr				
Tangmere	15.8	-14	NNE	3	mo	29	28	5	5	-	-	13.0	-10	NE	3	15	26	25	6	8	-	-	8	8	-	20	-	8	3"	cs, mo	cs, mo	30	0.6	Tr				
2 Lympne	15.0	-14	E	3	so, so	23	21	4	5	-	-	13.9	+2	ENE	3	15	18	15	5	8	-	-	6	6	-	15	-	8	5"	cs, so, ss	cs, so, ss	24	0.0	4				
Manston	15.6	-12	E	3	so, so	23	22	3	-	-	-	14.8	+2	EIN	3	15	20	13	4	5	-	-	8	8	-	5	-	9	6"	so, so, mo	so, so, mo	25	0.0	6				
Boxed	15.0	-24	NNE	3	so, so	26	24	2	-	-	-	15.4	+2	NEIN	4	15	20	15	6	5	-	-	4	4	-	20	-	9	9"	so, so, mo	so, so, mo	27	0.0	6				
Fehkstone	15.4	-14	ENE	5	so, so	27	21	5	5	-	-	14.9	+2	EIN	6	15	21	16	5	5	-	-	8	8	-	15	-	9	9"	so, so, mo	so, so, mo	27	0.0	6				
Goring	17.3	-18	E	6	so, so	28	26	3	-	-	-	16.6	+4	SE	6	15	22	25	7	3	-	-	7	7	-	15	-	8	4"	so, so	so, so	31	0.1	Tr				
3 Mildenhall	16.5	-22	NNE	3	so, so	29	28	5	5	2	-	15.8	+6	E	3	15	22	18	6	5	-	-	7	7	-	25	-	8	5"	cs, so, mo	cs, so, mo	29	0.0	2				
West Raynham	17.6	-18	ENE	3	so, so	29	27	5	5	-	-	16.5	0	E	4	15	21	16	5	5	-	-	8	8	-	25	-	8	5"	cs, so, mo	cs, so, mo	29	0.0	3				
Waddington	20.0	-18	NE	3	so, so	30	26	6	8	7	-	17.7	-12	SE	2	15	25	25	3	2	-	-	8	8	-	8	-	9	6"	cs, so, mo	cs, so, mo	31	0.1	1				
Cranfield	18.2	-8	NE	3	so, so	27	24	6	5	-	-	15.9	-6	ENE	5	15	22	21	4	5	-	-	8	5	8	10	25	8	4"	cs, so, mo	cs, so, mo	27	0.0	2				
Honiley	18.5	-14	NNE	3	so, so	28	24	6	5	-	-	15.4	-10	ENE	3	15	27	27	2	5	-	-	8	8	-	8	-	9	8"	cs, so, mo	cs, so, mo	28	0.3	11				
4 Little Rissington	18.8	-12	NNE	4	is, so	26	25	6	5	-	-	15.8	-10	E	2	15	23	22	5	5	-	-	8	8	-	7	-	8	5"	cs, so, mo	cs, so, mo	27	0.0	3				
Dufford	18.7	-14	NNE	3	mo	30	26	6	5	7	-	15.6	-12	N	3	15	28	28	4	5	2	-	8	8	-	15	-	8	5"	cs, so, mo	cs, so, mo	31	0.0	1				
5 Bristol	18.7	-14	N	4	mo	29	25	5	7	-	-	15.6	-14	NNW	4	15	28	26	4	5	-	-	8	8	-	12	-	8	5"	cs, so, mo	cs, so, mo	31	0.0	2				
Hartland Point	18.0	-10	NE	3	is, so	32	27	7	5	-	-	15.6	-10	NE	3	15	32	26	7	8	-	-	5	5	-	-	-	3	3"	bc, is, so	bc, is, so	32	0.0	Tr				
Yeovilton	17.7	-10	NNE	3	mo	31	28	6	5	-	-	14.3	-14	NNW	8	15	29	-	4	5	-	-	8	8	-	6	-	8	5"	cs, so, mo	cs, so, mo	32	0.0	Tr				
6 Portland Bill	16.4	-8	NE	4	bc	31	28	6	5	-	-	13.8	-18	N	3	15	31	28	6	5	-	-	8	8	-	10	-	1	cc	is, so	is, so	32	0.1	Tr				
Exeter	18.6	-14	NE	4	bc	31	25	7	7	-	-	16.1	-8	N	3	15	28	25	6	5	7	-	6	3	6	35	-	4	bc, mo, ex, bc	bc, mo, ex, bc	32	1.7	Tr					
Plymouth	18.6	-14	NNE	3	mo	33	26	6	5	-	-	16.5	-4	N	1	15	29	25	5	5	4	-	1	4	2	4	-	3	em, bc, ex, bc	em, bc, ex, bc	35	2.2	Tr					
St. Eval	19.1	-14	NE	4	bc	32	22	8	7	-	-	17.2	-4	ENE	3	15	29	26	7	8	-	-	7	4	6	20	40	4	em, bc, ex, bc	em, bc, ex, bc	35	4.6	Tr					
Predannack	18.4	-4	NE	4	bc	33	22	8	7	-	-	16.6	-2	NNE	3	15	29	27	7	7	-	-	7	4	6	20	40	4	em, bc, ex, bc	em, bc, ex, bc	35	4.6	Tr					
Guernsey	16.1	-14	NE	3	is, so	29	29	6	8	-	-	13.9	-6	NNW	4	15	31	28	7	8	-	-	5	3	4	12	25	7	cs, so	cs, so	32	0.1	1					
7 Scilly, St. Marys	18.7	+2	NEE	4	bc	34	22	8	8	-	-	17.8	+2	ENE	2	15	31	28	7	8	-	-	7	7	-	15	-	8	5"	bc, is	bc, is	36	3.6	2				
Fairwood	19.6	-12	NNE	3	mo	30	26	6	8	3	-	16.8	-10	NNE	2	15	29	24	6	5	7	-	7	4	7	20	-	8	5"	cs, so, mo, ex, bc	cs, so, mo, ex, bc	31	1.3	Tr				
Pembroke	20.6	-8	ENE	3	bc	32	32	8	7	-	-	18.5	-6	NE	1	15	31	25	7	8	9	-	7	4	7	30	72	3	c	c	33	0.4	-					
Aberporth	20.5	-10	NEE	4	o	33	29	8	2	3	-	17.7	-10	NE	4	15	32	25	7	2	-	-	2	6	5	4	26	-	3	c	c	33	0.4	-				
Penrhos	20.5	-10	NEE	4	o	33	29	8	2	3	-	17.7	-10	NE	4	15	32	25	7	2	-	-	2	6	5	4	26	-	3	c	c	33	0.4	-				
8 Holyhead (Valley)	22.9	+2	NE	2	bc, is	35	35	6	8	1	-	18.7	-12	NE	2	15	33	27	6	5	-	-	8	4	8	10	25	0	cs, so, c, em, so	cs, so, c, em, so	36	2.4	Tr					
Hawarden	21.0	-14	NNE	3	mo	32	27	5	5	1	-	18.4	-10	N	3	15	31	25	4	5	-	-	8	8	-	25	-	8	5"	cs, so, c, em, so	cs, so, c, em, so	33	0.1					



## STATION MODEL



6h

Wednesday 29<sup>th</sup> January.

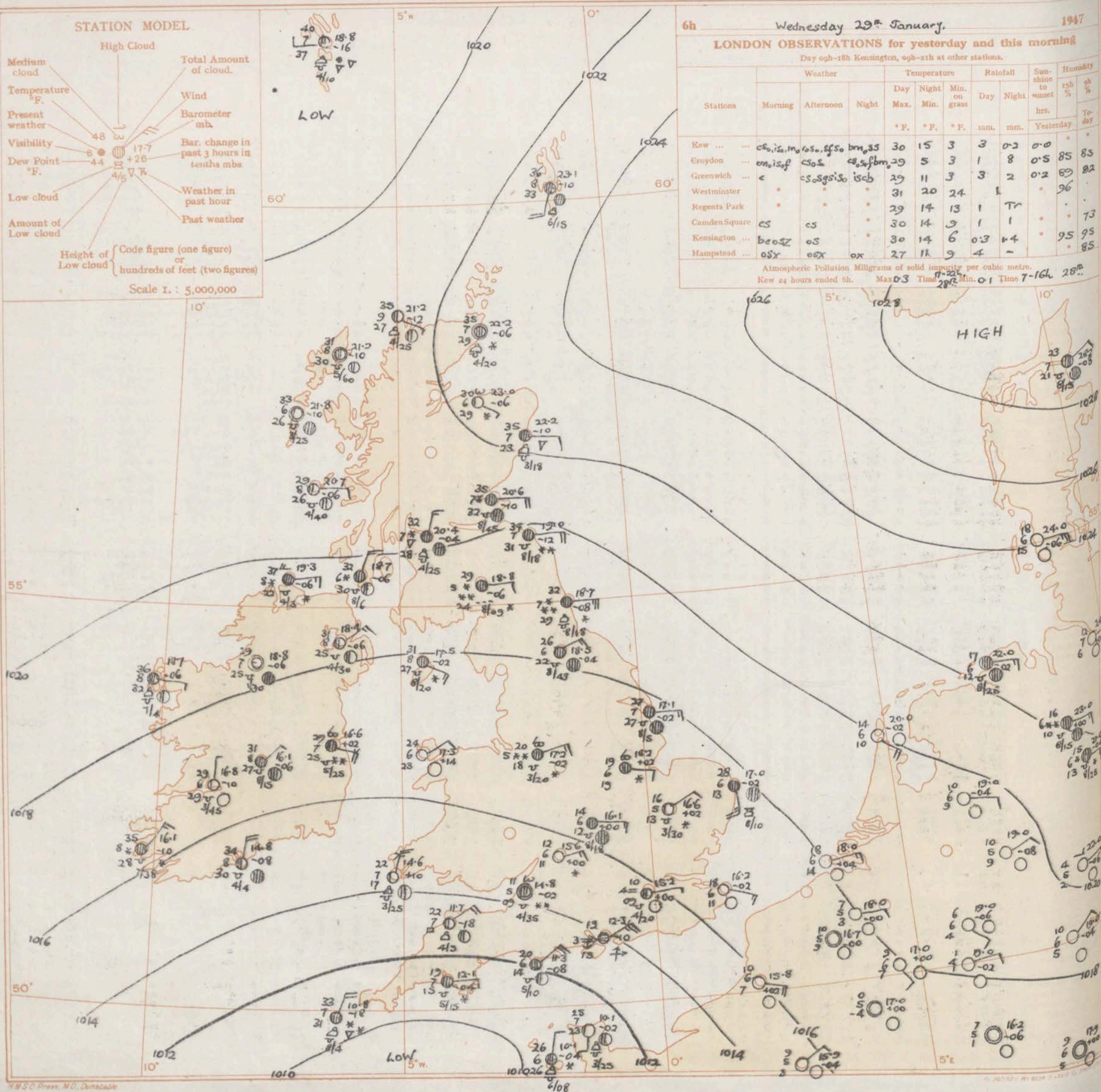
1947

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %
				Max.	Min.						
				* F.	* F.	* F.	mm.	mm.	Yesterday		
Kew ...	cs, is, m, r, s, f, s, b, m, 35	30	15	3	3	0.2	0.0	85	83		
Eroydon ...	cs, is, f, s, b, m, 29	5	3	1	8	0.5	85	82			
Greenwich ...	c, s, s, f, s, b, m, 29	11	3	3	2	0.2	89	82			
Westminster	*	*	*	31	20	24	1	*	96		
Regents Park	*	*	*	29	14	13	1	Tr	*		
Camden Square	cs	cs	*	30	14	9	1	1	*	73	
Kensington ...	bc, s, 2	cs	*	30	14	6	0.3	1.4	*	95	95
Hampstead ...	cs, x	cs, x	ox	27	11	9	4	-	*	85	

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
 Kew 24 hours ended 6h. Max 0.3 Time 17-22h Min. 0.1 Time 7-16h 28<sup>th</sup>





## GENERAL INFERENCE

An anticyclone persists over Southern Scandinavia and a depression over the Western English Channel is moving south west. In the Midlands and South East it will be mainly fair with good bright periods. Snow will occur in parts of South and South West England and Wales. Heavier falls of snow are likely in Northern England, South Scotland and Northern Ireland. Snow showers will occur in North Scotland. Cold or very cold in the North with frost day and night in many parts of South Scotland, Northern England and Northern Ireland. Very cold in the South with day and night frost and very severe frost at night in some districts.

Little change.

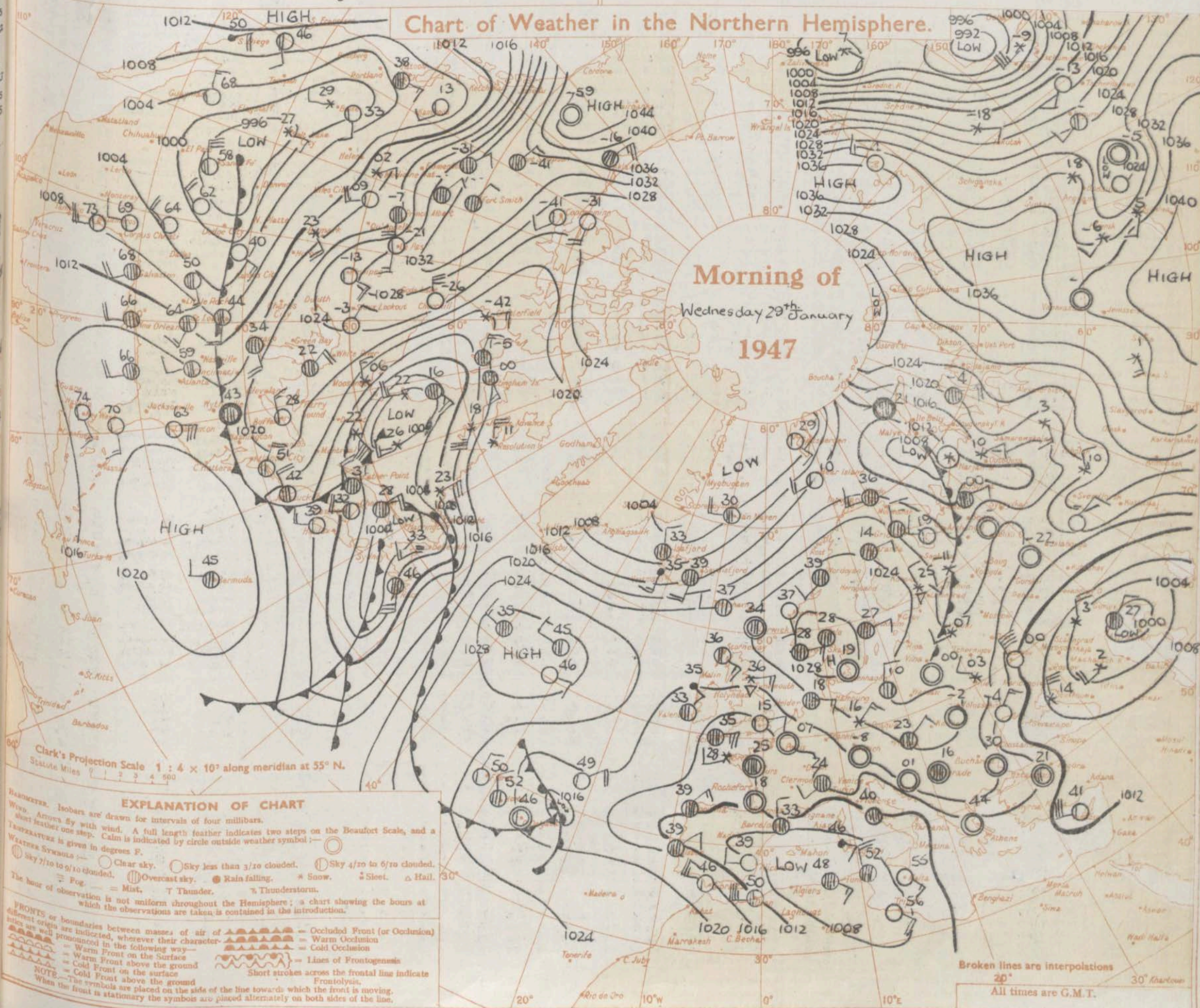
## FURTHER OUTLOOK

## Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 29<sup>th</sup> January

1947





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday 29<sup>th</sup> January 1947

No. 3111

OBSERVATIONS at 00hr. G.M.T. 29<sup>th</sup> JanuaryOBSERVATIONS at 06hr. G.M.T. 29<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.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				State of Ground.	Weather.		Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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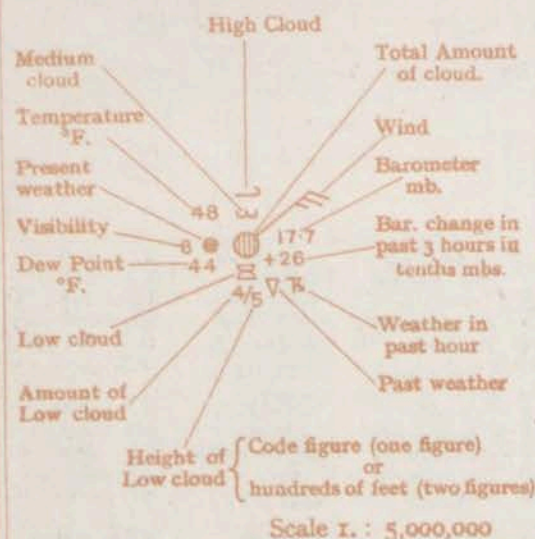
OBSERVATIONS at 12h. G.M.T. 29<sup>th</sup> January.OBSERVATIONS at 18h. G.M.T. 29<sup>th</sup> January.

OBSERVATIONS during DAY

OBSERVATIONS at 18h. G.M.T. 29th January. 21h.													OBSERVATIONS at 18h. G.M.T. 29th January. 21h.													OBSERVATIONS during DAY													
Station	Barom. at 18h.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility	Cloud.				Height of Base Hundreds of feet.	Barom. at 21h.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Weather.				Max. Temp. 24h.	Sun-shine Hrs.	Rain-fall in inches.							
			Dir.	Force.				Form.	Amount.	Dir.	Force.				Form.	Amount.				Off-sh.	On-sh.	Off-sh.	On-sh.																
																										Low.	Med.	High.	Total.				Low.	Med.	High.	Total.	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	16.3	+10	ES	3	Zo	25	17	5	-	-	-	-	16.9	+4	ENE	3	Zo	24	17	5	-	-	-	-	8	cbcb2o	b2b2o	27	5.1	-	-	-	-	-	-	-	-		
Croydon	16.8	+10	ESE	4	Zo	26	17	5	-	-	-	-	17.1	+2	ESE	2	b2	20	14	5	-	-	-	-	37	cbcb2o	b2b2o	27	6.0	-	-	-	-	-	-	-			
S. Farnborough	15.7	+18	E	3	ps	23	20	5	7	-	-	-	16.2	+2	ESE	2	m	22	17	5	-	-	-	-	80	cbcb2o	b2b2o	26	2.1	-	-	-	-	-	-	-			
Boscombe Down	13.2	+2	ENE	4	ss	22	21	2	-	-	-	-	14.7	+6	E	5	m	20	17	5	-	-	-	-	80	cbcb2o	b2b2o	26	0.6	-	-	-	-	-	-	-			
Calshot	13.0	+14	SE	4	ps	31	28	6	8	-	-	-	13.8	0	E	5	b2b2o	31	27	6	4	-	-	-	80	cbcb2o	b2b2o	23	0.0	-	-	-	-	-	-	-			
Tangmere	14.6	+4	ESE	6	Zo	29	20	6	5	-	-	-	15.2	+2	NE	4	m	24	19	6	5	-	-	-	99	cbcb2o	b2b2o	29	3.1	-	-	-	-	-	-	-			
2 Lymington	17.3	+6	ESE	3	Zo	25	17	6	5	-	-	-	17.2	+2	NE	3	m	17	11	6	5	-	-	-	80	cbcb2o	b2b2o	27	7.1	-	-	-	-	-	-	-			
Manston	18.4	+8	ESE	4	Zo	25	17	6	5	-	-	-	17.8	-2	ENE	2	Zo	27	17	6	5	-	-	-	80	cbcb2o	b2b2o	27	7.0	-	-	-	-	-	-	-			
Boxed	18.9	+6	E	3	m	22	19	6	5	-	-	-	19.6	0	NE	2	m	22	22	6	5	-	-	-	80	cbcb2o	b2b2o	27	5.9	-	-	-	-	-	-	-			
Pekinstowe	18.7	+8	SE/E	4	cb	26	14	7	1	-	-	-	17.8	-4	NE	4	cb	25	16	6	5	-	-	-	80	cbcb2o	b2b2o	28	2.0	-	-	-	-	-	-	-			
Gorleston	13.1	+10	SE	4	Zo	28	20	6	5	-	-	-	18.5	-4	E	4	Zo	28	21	6	5	-	-	-	4	cbcb2o	b2b2o	28	2.0	-	-	-	-	-	-	-			
3 Mildenhall	18.6	+4	E	3	m	23	20	6	5	-	-	-	18.6	0	NEE	2	m	17	11	6	5	-	-	-	80	cbcb2o	b2b2o	28	5.8	-	-	-	-	-	-	-			
West Raynham	19.0	+2	E	2	m	25	21	6	5	-	-	-	18.2	-2	ENE	1	m	23	17	6	5	-	-	-	80	cbcb2o	b2b2o	26	5.1	-	-	-	-	-	-	-			
Waddington	19.6	+12	E	1	m	22	20	5	-	-	-	-	19.2	-2	NE	1	m	21	16	6	5	-	-	-	80	cbcb2o	b2b2o	26	5.1	-	-	-	-	-	-	-			
Cranfield	18.1	+6	E	4	m	17	14	5	-	-	-	-	18.1	+4	ENE	1	m	17	15	6	5	-	-	-	80	cbcb2o	b2b2o	23	6.7	-	-	-	-	-	-	-			
Honiley	17.2	-2	E	3	m	19	17	6	5	-	-	-	17.6	+6	ENE	3	m	18	14	4	-	-	-	-	80	cbcb2o	b2b2o	22	3.5	-	-	-	-	-	-	-			
4 Little Rissington	16.0	+2	E	4	cb	18	14	5	8	-	-	-	16.3	+6	ENE	3	m	17	12	6	5	-	-	-	80	cbcb2o	b2b2o	21	2.1	-	-	-	-	-	-	-			
Defford	16.3	-2	NE	4	ss	20	17	5	-	-	-	-	16.3	+6	NE	4	m	20	18	6	5	-	-	-	80	cbcb2o	b2b2o	25	0.9	-	-	-	-	-	-	-			
5 Bristol	14.3	+2	ENE	3	Zo	20	12	5	-	-	-	-	13.8	+6	E	5	Zo	24	13	5	-	-	-	-	80	cbcb2o	b2b2o	26	0.5	-	-	-	-	-	-	-			
Hartland Point	10.1	-14	NE	5	ss	21	14	6	5	-	-	-	07.5	-10	NE	7	ss	29	28	6	5	-	-	-	80	cbcb2o	b2b2o	33	0.5	-	-	-	-	-	-	-			
Yeovilton	11.5	0	ENE	3	ps	22	17	5	5	-	-	-	11.7	+6	E	4	bc	27	19	6	5	-	-	-	80	cbcb2o	b2b2o	33	0.5	-	-	-	-	-	-	-			
Portland Bill	10.1	-12	E	4	ss	28	24	6	5	-	-	-	10.0	-4	SE	7	C	35	26	6	5	-	-	-	1	cbcb2o	b2b2o	36	0.1	-	-	-	-	-	-	-			
Exeter	11.2	-12	NE	3	ss	19	17	4	5	-	-	-	09.0	+6	ESE	6	ss	33	25	6	5	-	-	-	80	cbcb2o	b2b2o	33	0.1	-	-	-	-	-	-	-			
Plymouth	10.7	-14	ENE	3	m	22	17	5	5	-	-	-	08.3	+6	SE	0	ss	27	18	4	5	-	-	-	97	cbcb2o	b2b2o	27	2.5	-	-	-	-	-	-	-			
St. Eval	11.1	-20	NE	3	ps	19	17	6	5	-	-	-	08.0	-10	SSE	2	m	17	17	6	5	-	-	-	80	cbcb2o	b2b2o	24	3.4	-	-	-	-	-	-	-			
Predannack	11.2	0	NE/E	3	bc	22	12	6	7	-	-	-	07.4	-10	NE	2	m	20	14	6	5	-	-	-	80	cbcb2o	b2b2o	28	5.3	-	-	-	-	-	-	-			
Guernsey	09.5	-6	SW	5	C/S	30	17	6	8	-	-	-	09.4	+2	SSE	6	ss	30	20	6	5	-	-	-	5	cbcb2o	b2b2o	32	0.0	-	-	-	-	-	-	-			
6 Scilly, St. Marys	11.2	+12	NE/E	3	ss	36	21	6	5	-	-	-	07.2	-18	NNE	4	m	26	22	6	5	-	-	-	37	cbcb2o	b2b2o	28	0.3	-	-	-	-	-	-	-			
Fairwood	12.8	-14	NE	4	ss	20	16	6	5	-	-	-	11.9	+6	ENE	6	m	26	21	6	5	-	-	-	4	cbcb2o	b2b2o	31	2.1	-	-	-	-	-	-	-			
Pembroke	14.0	-8	ENE	4	m	23	18	6	7	-	-	-	11.3	-8	ENE	6	ss	28	28	6	5	-	-	-	4	cbcb2o	b2b2o	24	2.8	-	-	-	-	-	-	-			
Aberporth	15.0	-6	ENE	4	Zo	22	13	6	2	-	-	-	13.8	+8	EN	4	m	24	21	6	5	-	-	-	4	cbcb2o	b2b2o	24	6.4	-	-	-	-	-	-	-			
7 Penrhos																																							
Holyhead (Valley)	17.5	-2	ENE	4	Zo	27	18	6	1	-	-	-	16.5	+2	ENE	2	m	24	23	6	1	-	-	-	3	cbcb2o	b2b2o	28	5.4	-	-	-	-	-	-	-			
8 Hawarden	18.																																						



## STATION MODEL



6h

Thursday 30<sup>th</sup> January

1947

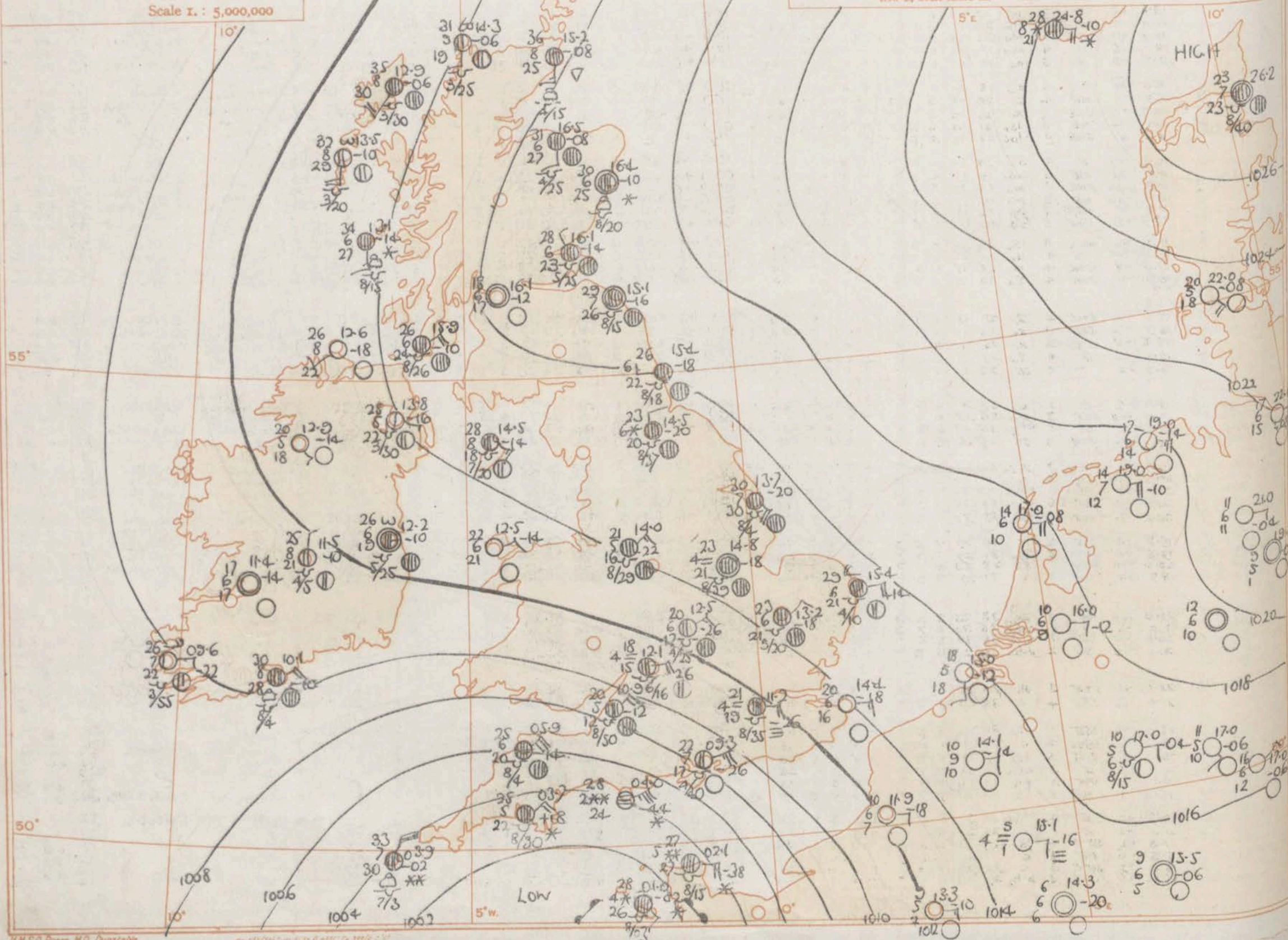
## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yester- day	To- day
Kew ...	cbcbz0	bzbz0	omb2	27	20	7	-	-	5.1	85	75
Croydon ...	bcmz0	babf	bfbz2	27	9	0	-	-	6.0	85	81
Greenwich ...	b	b	bcbx	26	15	5	-	-	5.4	96	96
Westminster	.	.	.	31	23	21	-	-	.	93	93
Regents Park	.	.	.	27	18	5	-	-	.	82	82
Camden Square	c	c	.	27	18	13	-	-	.	86	81
Kensington ...	bc2	bc2	.	27	19	10	-	-	.	86	81
Hampstead ...	bex	bex	ox	23	17	13	-	-	.	81	81

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 0h. Max. Time Min. Time





1947

Humidity

Day	Humidity	Temp
85	75	
82	81	
96	96	
93	93	
82	82	
86	81	
91	91	

# GENERAL INFERENCE

A depression in the West Channel is moving slowly east. There will be intermittent snow in South Wales, South and South-west England spreading slowly across the Midlands and into South-east England. Moderate falls will occur locally especially near the south coast and on high ground. Frequent snow showers will affect North-east England, East and South-east Scotland giving moderate falls locally. Elsewhere it will be mainly fair but some local light snow will occur. Visibility will be moderate or poor with some fog in the snow. It will be very cold with severe frost in most areas except the North-west.

# FURTHER OUTLOOK

Wintry conditions continuing with occasional snow in most places but temperatures rising slightly in the South-west.

↑ Gale warnings in operation in areas 1 and East 5. Issued at 0900 G.M.T. 30.1.47.

## Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 30th January

1947



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

## EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.  
Winds are shown by arrows. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.  
Temperatures are given in degrees F.  
Weather symbols are:  
☉ Sky 7/10 to 9/10 clouded. ☁ Clear sky. ☁ Sky less than 3/10 clouded. ☁ Sky 4/10 to 6/10 clouded.  
☁ Overcast sky. ☁ Rain falling. ☁ Snow. ☁ Sleet. ☁ Hail.  
☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm.  
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.  
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—  
— Warm Front on the surface  
— Cold Front on the surface  
— Cold Front on the ground  
— Warm Front on 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.

All times are G.M.T.



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

Distance.	Stations.	Height above M.S.L. in feet.	Baromet. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Baromet. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point
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The DAILY WEATHER REPORT is issued in three Sections:- British, International, Upper Air.

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



1947  
NIGHT  
7 0  
1 1  
2 1  
3 1  
4 1  
5 1  
6 1  
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27 1  
28 1  
29 1  
30 1  
31 1

BRITISH  
SECTION

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

Friday 31<sup>st</sup> January 1947  
No. 3116

OBSERVATIONS at 12h. G.M.T. 30<sup>th</sup> January

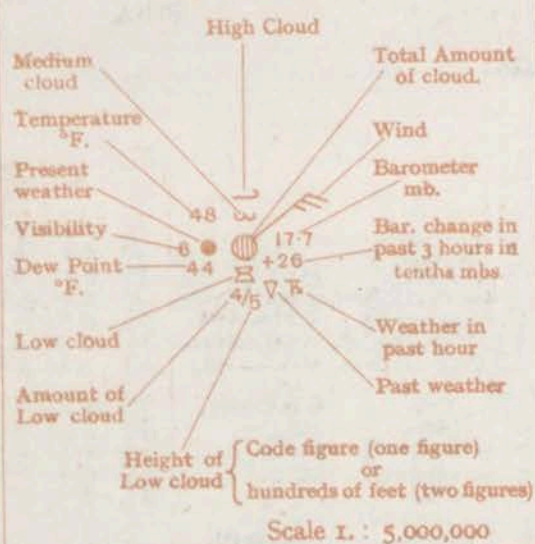
OBSERVATIONS at 18h. G.M.T. 30<sup>th</sup> January

OBSERVATIONS during DAY

Stations. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Temp. (5)	Dew Point (6)	Visibility (7)	Cloud.				Height of Base Hundreds of feet. (25)	Barom. at M.S.L. (27)	Change in 3 hours (28)	Wind.		Temp. (32)	Dew Point (33)	Visibility (34)	Cloud.				Height of Base Hundreds of feet. (39)	State of Ground. (40)	Weather.				Max. Temp. °F. (46)	Sun- shine Hrs. (47)	Rain °F. (48)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Dir.	Force.				Form.	Amount.	Low.	Med.				High.	Form.				Amount.	Low.	Med.	High.			Form.	Amount.	Low.	Med.				High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High.	Form.	Amount.	Low.	Med.	High



## STATION MODEL

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

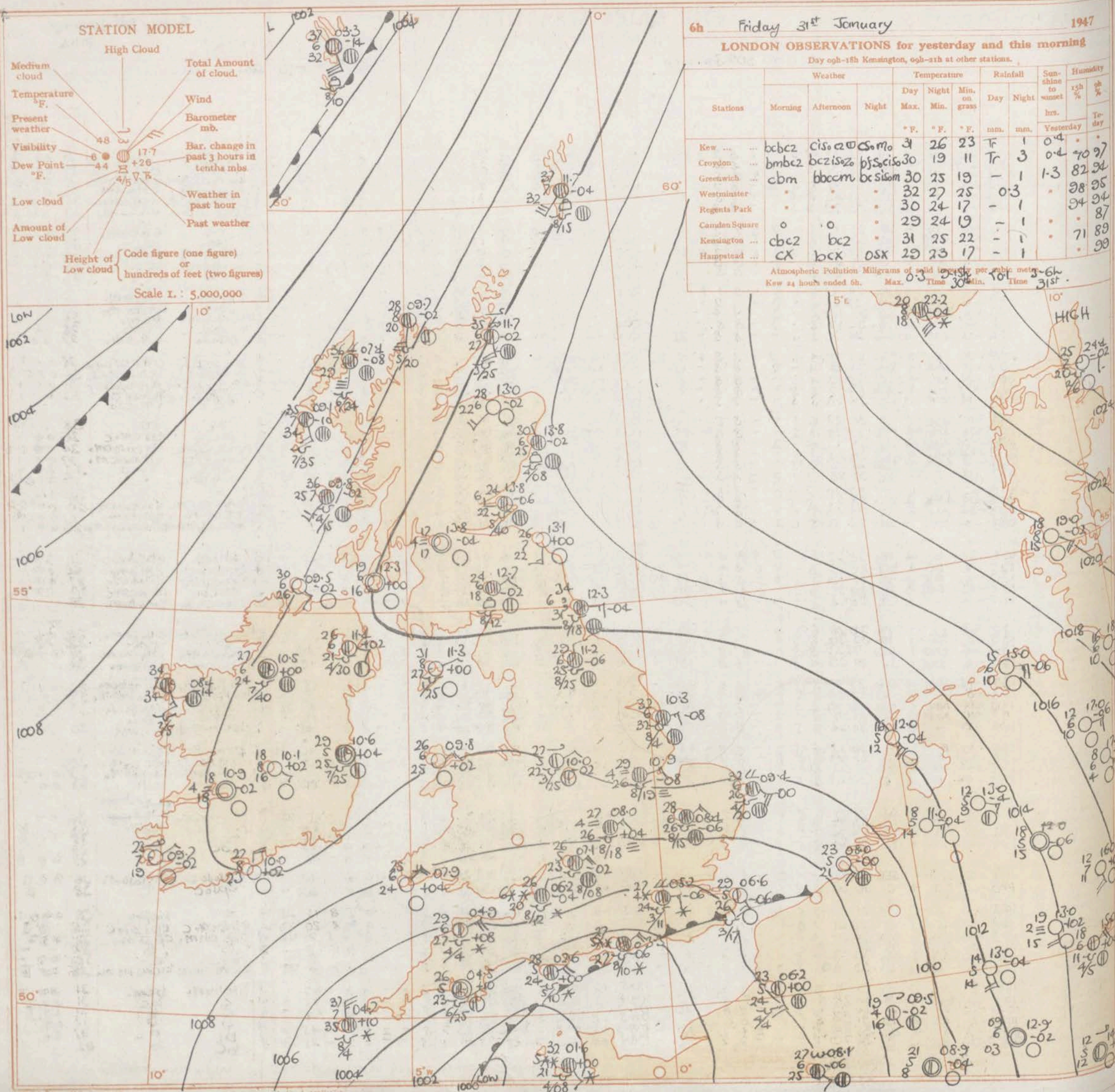
1947

## 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		Yest.	To-day
Kew ...	bcbcz	ciso.20	so.m	31	26	23	Tr	1	0.4	70	97
Croydon ...	bmbcz	bcziso.20	pjs.ciso	30	19	11	Tr	3	0.4	82	94
Greenwich ...	cbm	bbccm	bc.sism	30	25	19	-	1	1.3	98	95
Westminster ...	.	.	.	32	27	25	0.3	.	.	94	94
Regents Park ...	.	.	.	30	24	17	-	1	.	.	87
Camden Square ...	o	o	.	29	24	19	-	1	.	71	89
Kensington ...	cbc2	bc2	.	31	25	22	-	1	.	.	99
Hampstead ...	cx	bcx	osx	29	23	17	-	1	.	.	.

Atmospheric Pollution Miligrams of solid deposit per cubic meter  
 Kew 24 hours ended 6h. Max. Time 30 Min. Time 31st.





1947  
ing

Humidity

9h %

10h %

11h %

12h %

13h %

14h %

15h %

16h %

17h %

18h %

19h %

20h %

21h %

22h %

23h %

24h %

25h %

26h %

27h %

28h %

29h %

30h %

31h %

32h %

33h %

34h %

35h %

36h %

37h %

38h %

39h %

40h %

41h %

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43h %

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45h %

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67h %

68h %

69h %

70h %

71h %

72h %

73h %

74h %

75h %

76h %

77h %

78h %

79h %

80h %

81h %

82h %

83h %

# GENERAL INFERENCE

Anticyclone centred over Southern Baltic with ridge of high pressure extending over Northern England and Ireland moving slowly south-east. Complex depression over Western Channel and Southwest France drifting slowly eastwards and filling up. Atlantic depression south-west of Iceland moving steadily eastwards and later north-eastwards. Cold weather will continue over the British Isles with night frosts and day temperatures rising to near the freezing point, but milder conditions in the North-west, with some sleet or rain. Snow will fall locally in the South at first followed by mainly fair conditions. In North England, South and East Scotland weather will be fair apart from some snow showers near the east coast.

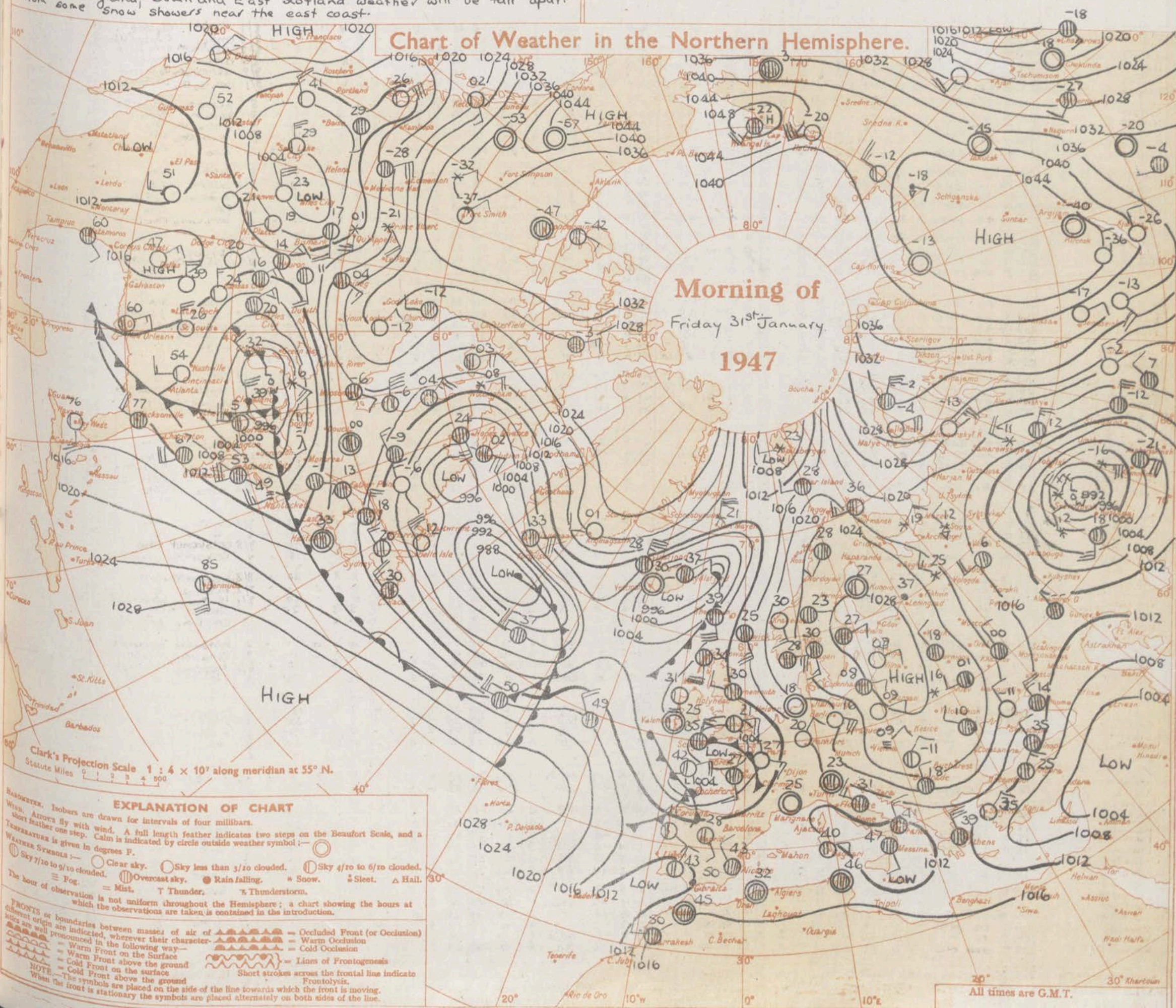
# FURTHER OUTLOOK

Remaining fair and frosty in the South-east. Mild conditions in the North-west probably spreading slowly South-east preceded by a fall of snow.

▼ Gale warning in operation in districts 13B, 15, and 16. Issued at 0940 G.M.T. 31<sup>st</sup> January 1947

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 31<sup>st</sup> January  
1947





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

Friday 31<sup>st</sup> January 1947

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