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# THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to 31st March,

1945



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



# INTRODUCTION

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

On 1st January, 1944, the British Section was again modified, the whole of pages 1 and 4 being taken up with observations from reporting stations, the reports from auxiliary stations being no longer included. The London observations were transferred to page 2 and the General Inference, Further Outlook and Gale Warnings to page 3. Forecasts by Districts ceased to appear. The stations are arranged according to Forecast Districts as described on p. 4 of this Introduction.

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

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

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

## Code for state of ground (E)—Column 33

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

## THE BEAUFORT SCALE OF WIND FORCE [F] Columns 4, 7

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 (CM)—Columns 10, 26

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

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

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

## Cloud Form Abbreviations

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

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

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

## Code for State of Sea (S)—Column 34

- 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, 39.

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

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

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

q, squalls. r, rain. s, snow.  
rs, sleet. t, thunder.  
u, ugly, threatening sky.  
v, unusual visibility. w, dew.  
x, hoar frost. y, dry air.  
z, dust haze: the turbid atmosphere of dry weather.  
h(r), "hail" or "rain and hail."  
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r<sub>o</sub>, slight rain. rr, continuous rain.  
<, less than (for cloud height).  
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. In peace-time the receipt of a gale warning at ports and fishing stations is indicated by the hoisting of a black canvas cone. The signals 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.

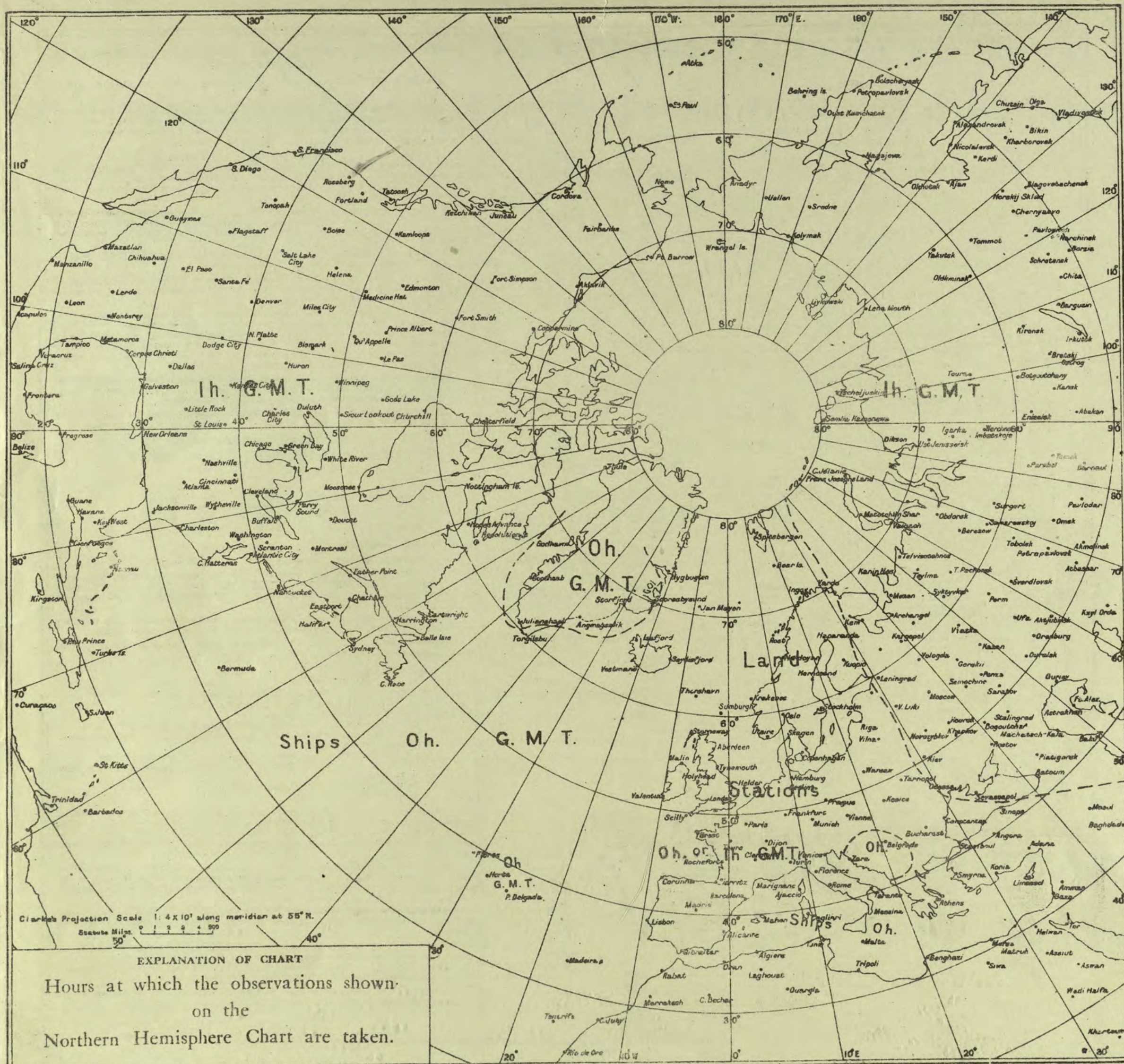
The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

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

In continuation of peace-time practice, the symbols  $\uparrow$  (North Cone) and  $\downarrow$  (South Cone) are appended to the details of warnings given on page 3 of the Report.

Explanations of the symbols used in the chart on p. 2, will be found in Form 2450, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 1/6 net.









**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>Larlinggow.<br>Clackmannan.<br>Kinross.<br>Fife.<br>Forfar.  | 13. Scotland, N.W.<br>Hebrides.<br>Western parts of<br>Inverness, Ross<br>and Cromarty,<br>Sutherland.<br>(Boundary line<br>runs from Ran-<br>noch Station<br>through Fort<br>Augustus, Beaulie<br>and Lairg to Mel-<br>nich.) | 16. Orkneys and<br>Shetlands.   | 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>Bristol.<br>Devon.<br>Cornwall.                | 9. Midlands, N.<br>Derby.<br>Yorkshire, W.   | 12. Scotland, S.W.<br>Isle of Man.<br>Dumfries.<br>Kirkcudbright.<br>Wigtown.<br>Ayr.<br>Lanark.<br>Renfrew.<br>Dumfries.<br>Stirling.  | 14. Mid Scotland.<br>Perth.  | 17. Ireland, N.W.<br>Galway.<br>Roscommon.<br>Mayo.<br>Sligo.<br>Leitrim. | 20. Ireland, S.W.<br>Cork.<br>Kerry.<br>Limerick.<br>Tipperary.<br>Clare.  |
| 3. Midlands, E.<br>Buckingham.<br>Oxford.<br>Northampton.<br>Warwick.<br>Leicester.<br>Rutland.<br>Nottingham.                   | 6. Wales, S.<br>Glamorgan.<br>Brecknock.<br>Cardiff.<br>Pembroke.<br>Radnor.               | 10. England, N.E.<br>Yorkshire, N. & E.<br>Northumberland.                                       | 15. Scotland, N.E.<br>Kincardine.<br>Aberdeen.<br>Banff.<br>Nairn.<br>Caithness.<br>Eastern parts of<br>Inverness, Ross,<br>Sutherland. | 18. Ireland, N.E.<br>Meath.<br>West Meath.<br>Longford.<br>Cavan.<br>Fermanagh.<br>Monaghan.<br>Louth.<br>Armagh.<br>Down.<br>Antrim.<br>Londonerry.<br>Tyrone.<br>Donegal.  |   |  |
|  | 7. Wales, N.<br>Montgomery.<br>Merioneth.<br>Flint.<br>Denbigh.<br>Carnarvon.<br>Anglesey. | 11. Scotland, S.E.<br>Roxburgh.<br>Selkirk.<br>Peebles.<br>Berwick.<br>Haddington.<br>Edinburgh. | 13A. Scotland, W.<br>Argyll.<br>Bute.   |  |   |  |

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

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

**Hours of Observation.**—From 1st August, 1944, the times of the observations published in the Report were changed to 0000, 0600, 1200 and 1800 G.M.T., and from the same date the morning readings of minimum and grass minimum temperature and rainfall have been made at 0600 G.M.T. instead of at 0700 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.*—As from 1st January, 1934, the rainfall measurements at all the London stations where rain gauges are maintained, refer to two periods, day and night. The day period at Kew and Croydon is 7h. to 18h. G.M.T.; at all other stations it is 9h. to 18h. G.M.T.

**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 1.0 mb.; if, however, the isobars are ½ inch apart the corresponding speed is 40 knots.

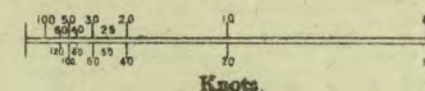
The scales below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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 miles per hour.

**GEOSTROPHIC WIND SCALES**

Upper Scale—8 mb isobars on 1:4 × 10<sup>7</sup> Charts.

Lower Scale—2 mb .. .. 1:5 × 10<sup>6</sup> ..



This scale applies under the following conditions:—

Pressure, 1,000 mb. Temperature, 50° F. Latitude, 55°.

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

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

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

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

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

$$x = f - .400(t - t') \text{ for wet bulb readings below } 32^\circ \text{ F.}$$

where  $x$  is the vapour pressure in mb.

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

For air temperatures below 32° F. the value of  $f$  used is that appropriate to an ice surface.

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

For wet bulb temperatures below 32° F. the value of  $f$  used is that appropriate to an ice surface.

$t$  the dry bulb temperature; and

$t'$  the wet bulb temperature.

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

**Wind.**—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

**N.B.**—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map: An Introduction to Modern Meteorology," (3rd Edition, 1939), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 3s. 2d. post free.

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



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON

MONTHLY  
SUPPLEMENT,

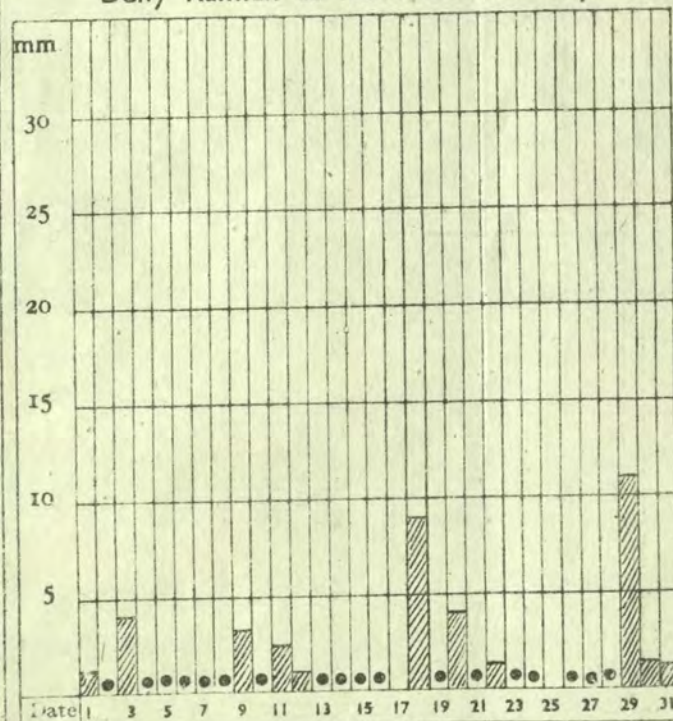
January 1945 No. 337

Page 1.

Pressure was high in the South and low in the North of the British Isles between 1st-3rd, with much fog in England and Wales and gales in North Scotland. On the 4th a strong northerly air stream developed over the country with pressure high to the west and low to the northeast. Except for the slow movement of the centre of low pressure to the southeast, this barometric situation continued until the 11th. Gales occurred again in the North and wintry precipitation was frequent. A good deal of the country became snow covered, especially East and Southeast England, where some stations reported a depth of over 6 inches. Night minima failed to reach 20°F in several places in Scotland on the 10th, Dalwhinnie recording 7°F. During the early hours of the 12th a warm front from the Continent moved across England and Wales causing a partial thaw with glazed roads in many parts. A ridge of high pressure over Scotland spread slowly south until the 16th, when troughs of low pressure in the North moved eastwards and gales were renewed in Scotland on the 16th-17th. A very deep depression moved in rapidly from the Atlantic on the 18th bringing extensive gales with rather heavy precipitation and thunderstorms in places. Foynes recorded a wind gust of 106 mph and winds of gale force continued during the early hours of the 19th. A cold north to northwest air stream in the rear of the depression was maintained during 20th-21st and many parts of England again became snow covered. A complex situation was maintained from 22nd-26th with depressions moving to the South, and high pressure became established between 27th-29th. Weather became very cold with very severe frost and almost the whole of the British Isles was affected. Fog developed rather widely with copious deposits of rime and fresh snowfall to a total depth of 1 foot or more in places. Temperature remained below freezing point for

4-5 days and some notable low values were day maxima of 15°F at Leeming on 24th and 12°F at Dalwhinnie on 26th. Screen minima during the night fell to -1°F at Shobdon on 26th and to 0°F at Yeovilton on 29th. A depression moved across Scotland on the 30th-31st bringing mild conditions and a pronounced thaw. Severe glazing and generally dangerous road conditions existed with heavy snow turning to rain on the 30th. Mean temperature for the month was 5° to 7° below normal due to the large supply of polar air and the unusual prevalence of wind from a northerly point. It was the coldest January since 1940 and in South Ireland the screen minimum at Valentia equalled the low value of 21°F last recorded in 1894. Mean pressure was below average in England but above in Ireland and Scotland. Sunshine values were rather variable compared with the normal, with over double the average at Eskdalemuir and under half at Croydon. Records were broken at both places. Precipitation too was variable and amounts much in excess of the normal occurred in Northeast England and East Scotland, where records were broken at Tynemouth and Aberdeen.

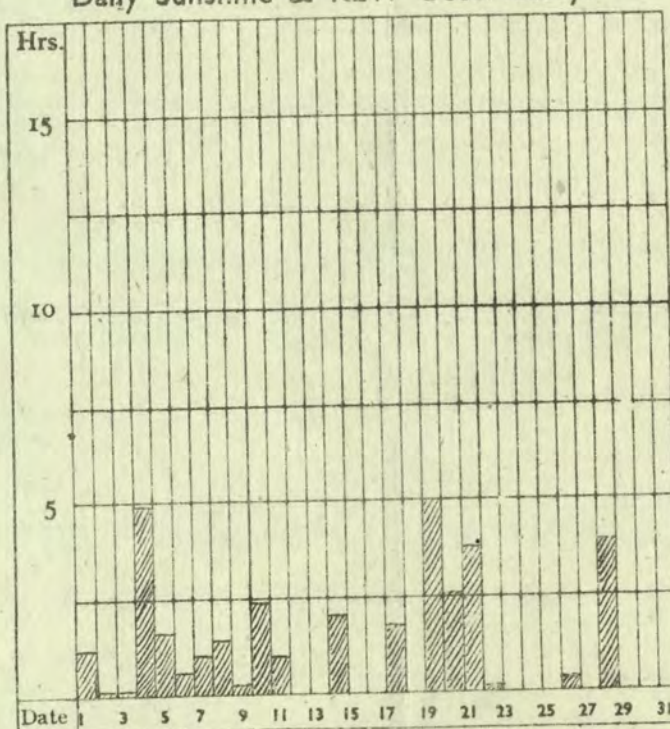
Daily Rainfall at KEW Observatory.



• = less than 0.5 mm.

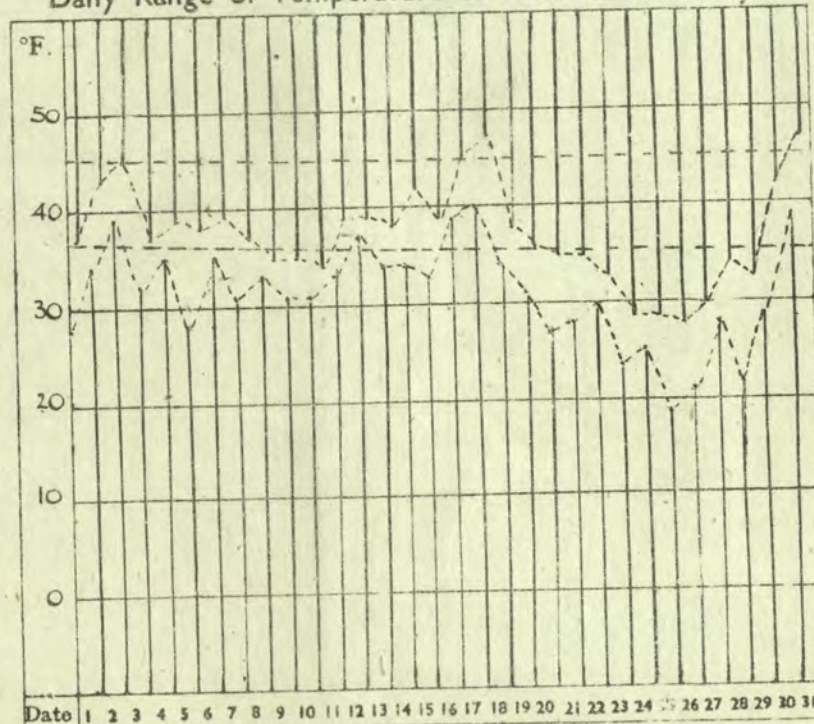
RAINFALL. Total for Month. 43 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 34 hrs.

Daily Range of Temperature at KEW Observatory.



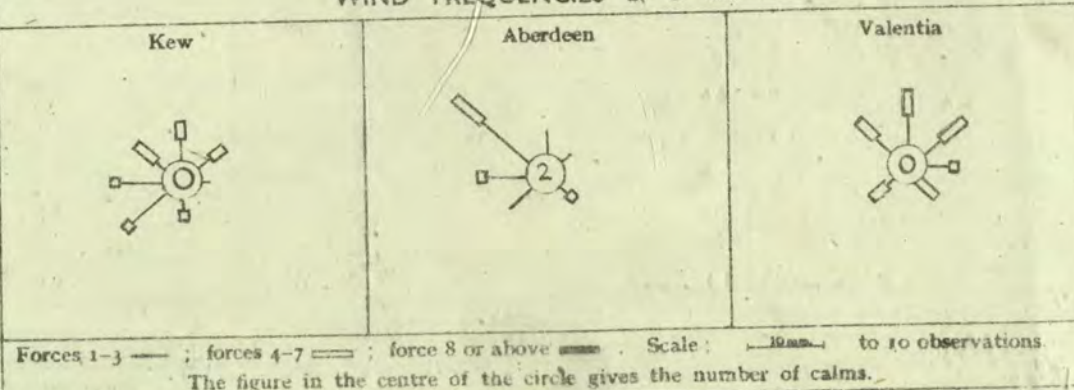
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1014.0	mb. -3.6	°F. 34.3	°F. -7.0
Aberdeen	1012.1	+0.9	33.2	-6.3
Valentia	1018.6	+3.6	40.5	-5.2

\* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 18 h. duly corrected.  
Temperature—mean of Max. and Min.

WIND FREQUENCIES at 6 hr.



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

	miles.
Kew	6904
Aberdeen	6351
Lerwick	13345



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

DISTRICT.	STATIONS.	↑ TEMPERATURE.													LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																				
		Number of daily readings within fixed limits.					Extremes— Warmest and Coldest.					Number of Ground Frosts.	Number of observations within fixed limits.			Number of observations within fixed limits.																									
							Days.		Nights.				9 h.	15 h.	21 h.	9 h.		15 h.																							
		Maximum.		Average Maximum.	Minimum.		Average Minimum.	Highest Max. Date.	Lowest Max. Date.	Highest Min. Date.	Lowest Min. Date.	Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft.	Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft.	Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft.	Dense fog. Thick fog. Fog. Mist Good Visibility.	Dense fog. Thick fog. Fog. Mist Good Visibility.																									
		32° or below 33°-41° 42°-50° 51°-59° 60°-68°	23° or below 24°-32° 33°-41° 42°-50° 51°-59°		Highest Max. Date.	Lowest Max. Date.											Highest Min. Date.	Lowest Min. Date.																							
1	London ... (Kew Obsy). Croydon ... Thorney Island Lympne ...	4 4 2 7	20 21 20 19	7 6 9 5	0 0 0 0	0 0 0 0	45.2 44.9 44.9 43.4	3 6 6 6	14 16 14 19	14 8 11 6	0 1 0 0	0 0 0 0	37.5 37.1 37.5 35.9	47 50 48 47	31 31 31 3	28 25 28 27	26 26 27 24	40 42 41 39	18 31 3 3	19 15 15 15	26 29 29 25	21 17 26 23	2 12 5 13	27 15 19 14	0 6 3 13	24 18 20 13	1 7 1 13	21 16 14 12	0 0 3 0	1 6 2 2	11 9 6 6	0 0 4 3	0 0 2 1	4 15 3 10	7 15 6 10	0 0 3 8					
	Shoeburyness... Gorleston ... Cranwell ...	6 7 6	18 17 16	7 7 5	0 0 0	0 0 0	45.2 44.3 43.3	5 4 9	15 13 11	11 14 11	0 0 0	0 0 0	35.4 36.8 34.7	48 46 48	18 15 18	27 28 22	25 24 25	39 40 38	3 17 3	19 17 15	27 27 23	19 17 24	3 5 6	23 22 23	0 2 1	6 26 19	1 2 5	16 23 20	0 0 5	2 2 2	5 18 19	0 2 3	2 1 6	5 18 6	3 4 3	0 0 2	0 4 4	3 4 6	5 13 2		
		* Defective record for 4 days.																																							
3	Birmingham ... (Edgbaston)	6	17	8	0	0	43.2	5	16	10	0	0	36.0	47	30	23	25	41	3	14	27	21	9	17	0	10	14	0	5	16	0	0	4	8	5	1	0	2	6	10	1
4	Ross-on-Wye...	6	16	8	1	0	45.5	6	11	10	4	0	37.2	51	30	22	26	43	3	18	22	22	7	21	0	3	24	0	7	17	0	0	2	5	3	14	0	0	2	4	17
5	The Lizard ...	0	14	17	0	0	*	0	9	16	6	0	*	50	30	34	11	45	3	28	28	*	2	28	0	0	31	0	1	30	0	0	2	0	1	19	0	0	0	0	24
		* Defective record for 4 days.																																							
7	Holyhead (Valley)	1	12	18	0	0	46.4	6	10	13	2	0	41.6	49	2	29	26	45	3	10	26	14	4	26	0	5	25	0	3	21	2	0	0	1	0	21	0	0	0	2	23
8	Hawarden †	7	16	8	0	0	46.0	9	10	10	2	0	36.9	50	31	18	26	46	18	7	24	20	7	19	0	4	20	1	6	21	0	1	1	4	11	8	0	1	2	9	12
10	Tynemouth ...	5	18	8	0	0	44.1	5	11	13	2	0	37.3	48	2	30	23	46	3	18	25	19	1	28	0	0	29	0	0	31	0	0	0	2	3	16	0	0	3	6	8
11	Leuchars ...	7	17	5	1	0	43.4	13	13	5	0	0	34.4	51	2	15	25	41	2	10	25	22	2	20	2	1	27	0	1	25	0	0	0	2	2	15	0	0	1	3	14
12	Renfrew ...	7	16	8	0	0	43.6	9	13	7	2	0	35.3	50	2	22	25	46	2	4	27	17	5	20	0	8	22	0	3	24	0	1	1	9	1	14	0	0	5	3	15
	Eskdalemuir ...	11	15	5	0	0	40.7	10	15	6	0	0	32.4	46	2	25	22	38	16	06	20	25	9	21	0	6	25	0	9	18	0	0	1	2	1	17	0	0	1	1	21
13B	Stornoway ...	3	21	7	0	0	44.6	6	14	9	2	0	37.8	50	2	30	19	47	2	14	28	24	7	23	0	9	20	0	5	23	0	0	0	2	0	25	0	0	1	0	26
15	Aberdeen ...	6	19	5	1	0	43.1	6	13	11	1	0	35.8	51	2	26	25	43	2	11	23	24	1	28	1	1	26	0	2	27	1	0	0	5	2	18	0	0	3	2	18
18	Aldergrove ...	7	13	11	0	0	43.3	9	10	10	2	0	35.4	49	31	23	24	42	16	13	28	21	9	22	0	8	22	1	8	19	0	0	3	2	1	16	0	2	0	3	19
19	Birr Castle ...	4	17	8	2	0	46.4	8	10	8	5	0	37.4	53	31	20	28	47	31	7	28	19	2	23	0	1	24	0	2	22	0	0	0	0	31	0	0	2	1	27	
20	Valentia ... (Cahirciveen)	0	13	15	3	0	49.0	1	5	15	10	0	42.3	54	31	35	23	49	31	21	22	11	2	27	0	4	26	0	3	26	1	0	0	0	0	26	0	0	0	0	26
		† Maximum for period 7-18h. Minimum 18-7h. Cloud & visibility at Birr Castle 7, 13, 18h. & Valentia 7, 12, 18h.																																							

## UPPER AIR TEMPERATURE.

UPPER WINDS.  
No. of records of Velocity (knots) within fixed limits.

LANYHAM (31 Reports)											* ALDERGROVE (31 Reports)		ST. MARKON (31)	LARKHILL (31)	DOWNHAM MARKET (31)	LIVER- POOL (31)	LERWICK (31)	VALENTIA (31)	LARKHILL (31 Reports)										DOWNHAM MARKET (31 Reports)										LIVERPOOL (28 Reports)										LERWICK (31 Reports)										Pressure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Pressure mb.	Sea Height. feet	Normal Temp. °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	0 to 10 knots	11 to 20 knots	21 to 30 knots	31 to 40 knots	41 to 50 knots	51 to 60 knots	61 to 70 knots	71 to 80 knots	> 90 knots	0 to 10 knots	11 to 20 knots	21 to 30 knots	31 to 40 knots	41 to 50 knots	51 to 60 knots	61 to 70 knots	71 to 80 knots	> 90 knots	0 to 10 knots	11 to 20 knots	21 to 30 knots	31 to 40 knots	41 to 50 knots	51 to 60 knots	61 to 70 knots	71 to 80 knots	> 90 knots	0 to 10 knots	11 to 20 knots	21 to 30 knots	31 to 40 knots	41 to 50 knots	51 to 60 knots	61 to 70 knots	71 to 80 knots	> 90 knots	Pressure mb.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Surf.					37.5	37.2	32.3	30.7	32.8	33.7	41.2	15	16	0	0	0	0	0	0	0	18	12	1	0	0	0	22	6	0	0	0	0	10	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



# SUNSHINE, RAINFALL, AND HUMIDITY

January

1945.

Page 3.

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.	Total for past 12 months.	Difference from average.							Total for Month.	Difference from average.	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.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	First year of record.	Highest.	Year.	Lowest.	Year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

## 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	3	5	11	6	5	1	0	0	0
Ross-on-Wye	0	4	2	12	11	2	0	0	0	0
Falmouth (Obsy.)	3	2	9	13	4	0	0	0	0	0
Renfrew	0	2	9	9	10	1	0	0	0	0
Eskdalemuir	0	1	5	11	10	4	0	0	0	0
Aberdeen	0	1	2	6	16	5	1	0	0	0
Valentia	0	2	7	9	10	2	0	1	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	13	0	2	1	0	0	1	14	0	0 Dry.
Ross-on-Wye	0	13	0	9	2	0	0	0	7	0	1 Wet.
Renfrew	0	10	0	2	5	0	2	1	11	0	2 Flooded.
Eskdalemuir	0	4	0	1	6	1	0	8	10	1	3 Frozen hard and dry
Aberdeen	0	2	0	0	7	1	4	5	8	4	4 Partly covered with snow or hail.
Valentia	0	19	2	0	3	0	2	2	3	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 and average of rainfall are supplemented by records from neighbouring stations.

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

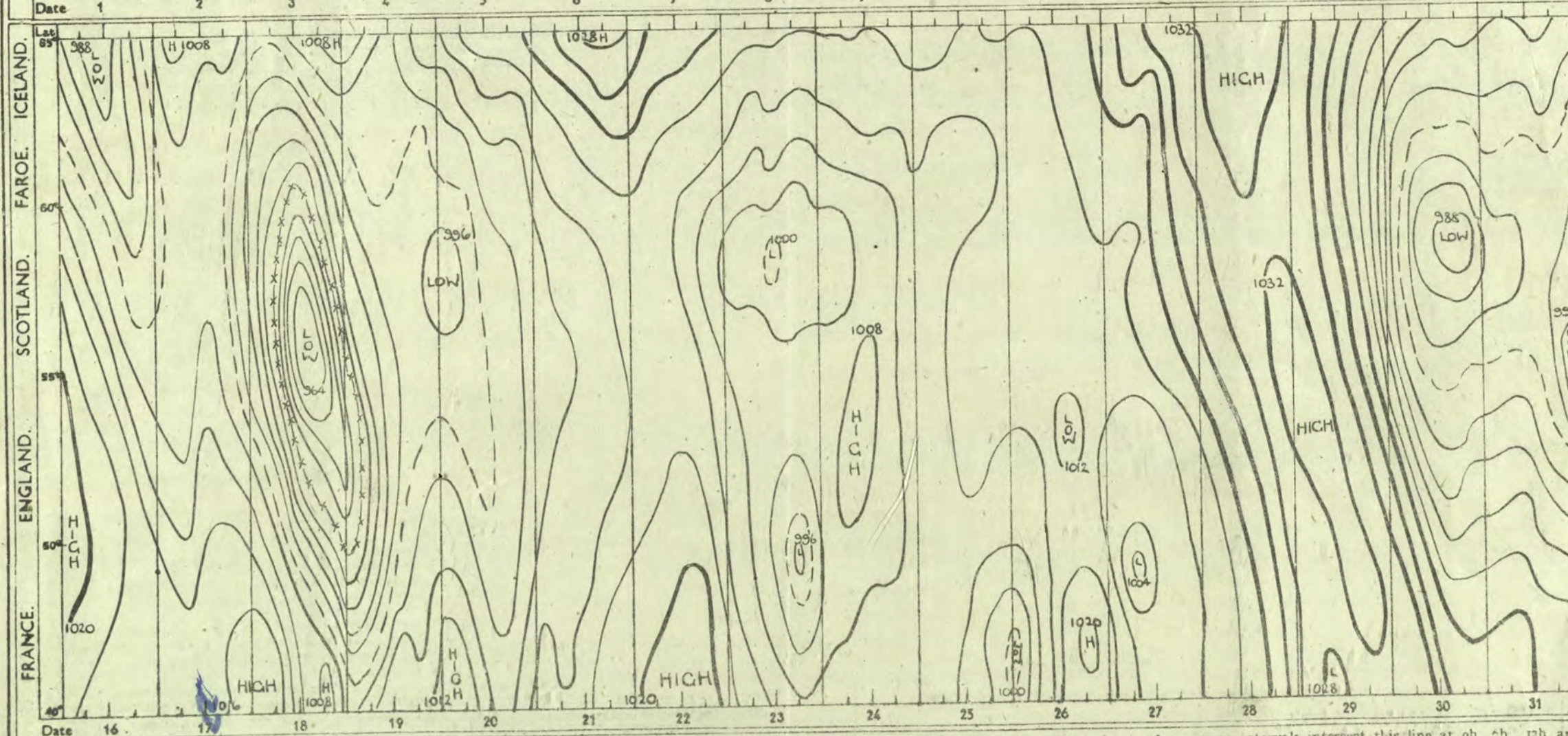
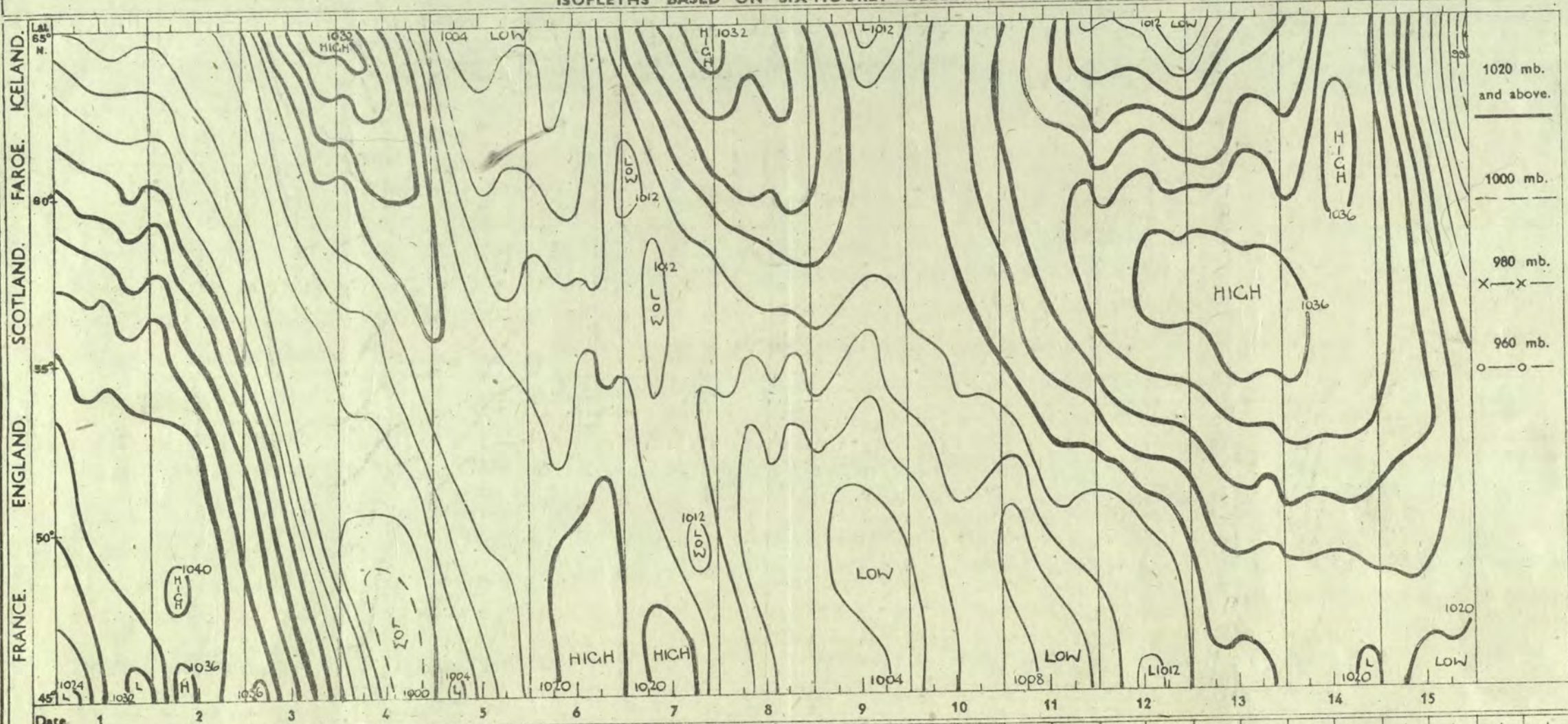
‡ Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.



## PRESSURE: ICELAND TO GULF OF LIONS

January 1945.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



\* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 0h., 6h., 12h. and 18h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44° N., Long. 4° E., in the south.



CANCELLED

Page 1.

BRITISH  
SECTION

CONFIDENTIAL

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Monday, 1st January, 1945

No. 30356

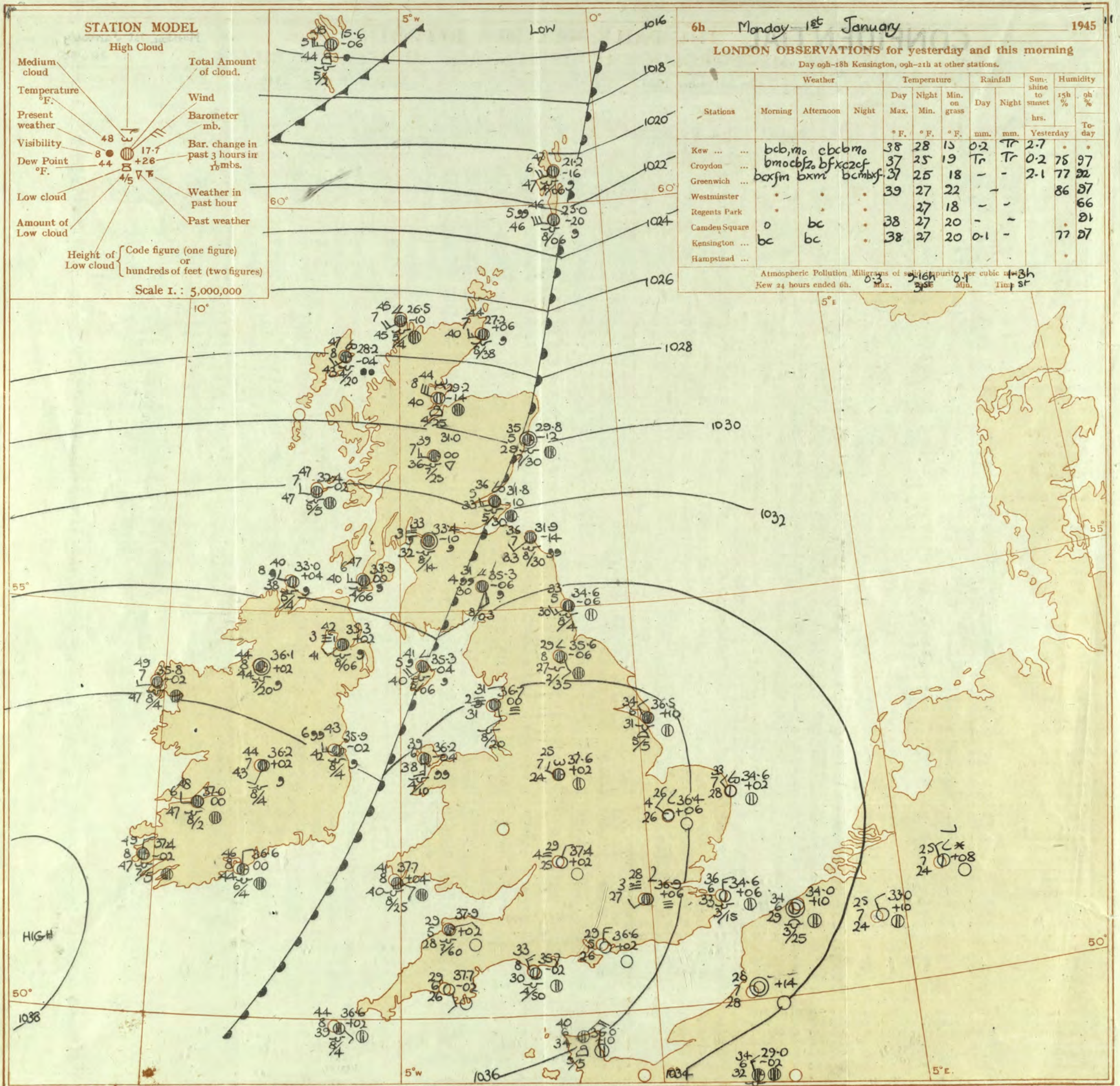
OBSERVATIONS at 12h. G.M.T. 31st December, 1944.

OBSERVATIONS at 18h. G.M.T. 31st December, 1944.

OBSERVATIONS during DAY

District	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (°F) (6)	Dew Point (°F) (7)	Visibility. (8)	Cloud.						Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (°F) (22)	Dew Point (°F) (23)	Visibility. (24)	Cloud.						State of Ground. (33)	Weather.		Max. Temp. 09h.- 18h. (36)	Sun- shine Hrs. (37)	Rain 09h.- 18h. mm. (38)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Temp.	Dew Point.	Visibility.	Form.







# GENERAL INFERENCE

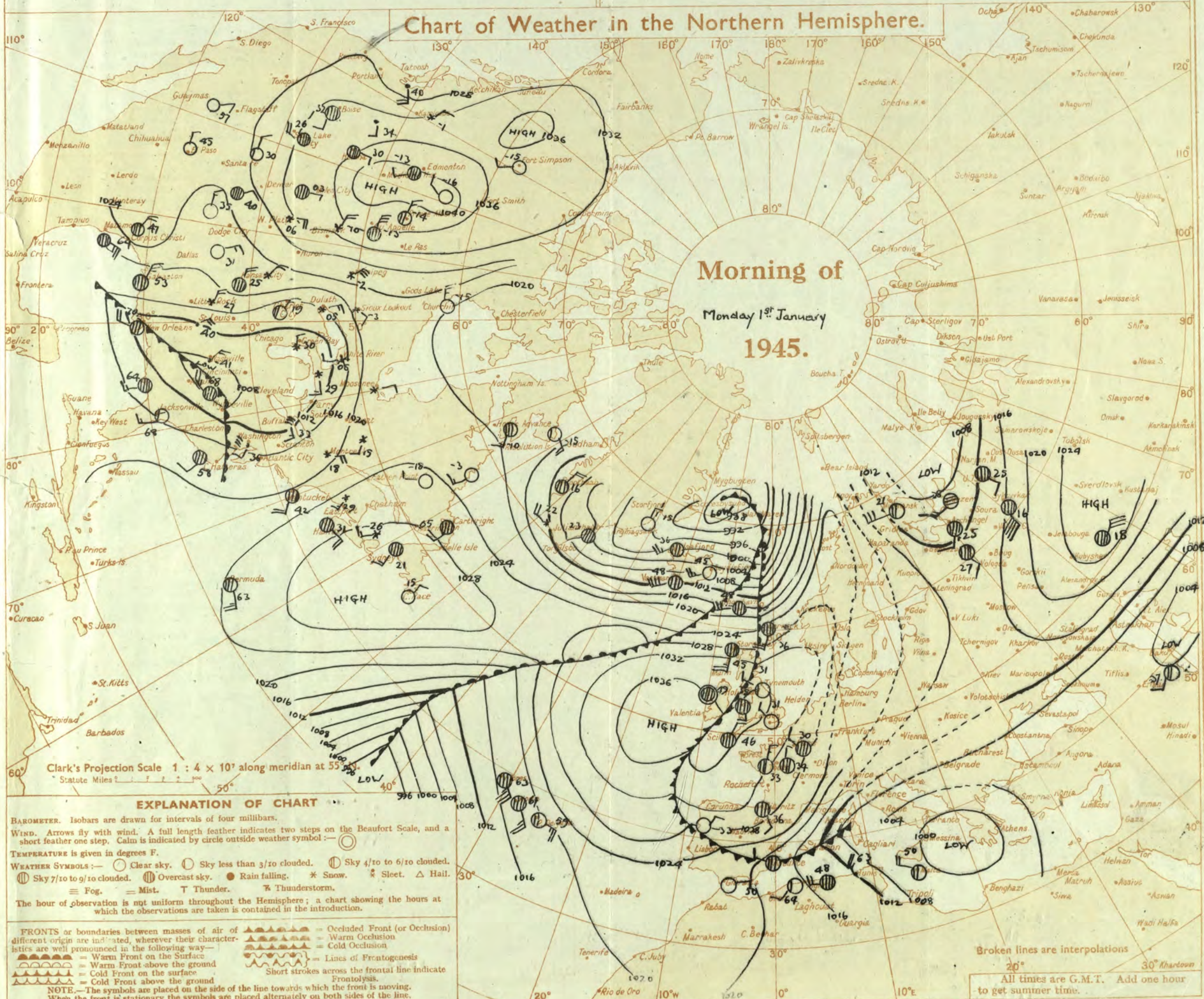
An anticyclone is centred to 30° of Ireland and changing little. An associated ridge extending northwards across England is moving Southeast. A depression NE of Iceland is moving East and associated troughs will move Southeast across the British Isles. It will be fine apart from local fog in Southeastern England at first, elsewhere and in SE England later it will be mainly cloudy with occasional rain or drizzle and much fog or mist in England and Wales. Becoming mild generally.

# FURTHER OUTLOOK

Much milder than of late with some fog. Occasional rain in North. Dry in the South.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 1<sup>st</sup> January  
1945.



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

### EXPLANATION OF CHART

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

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—  
— Warm Front on the Surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Broken lines are interpolations

20° 30° Kharadoun  
All times are G.M.T. Add one hour to get summer time.



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

Monday 1st January 1945

No. 30356

OBSERVATIONS at 00hr. G.M.T. 1st January																			OBSERVATIONS at 06hr. G.M.T. 1st 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.	State of Ground.	Weather.		Temperature		Rain.							
					Dir.	Force				Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force				Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force					Form.	Amount.	Height of Base Hundreds of feet.	rsh.-ooh.		ooh.-ooh.	Min. °F.	Min. on Grass °F.				
																																							Low.	Med.	High.	Low.
			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)	(39)	(40)	(41)	(42)	(43)		
1	Kew	16		*	*	*	32	*	*	*	*	*	*	37.1	+6	WS	1	29	27	4																						
	Croydon	217	35.3	+10	NW	2	31	28	3				36.9	+6	SW	2	28	27	3																							
	Boscombe Down	417	35.8	+8	NW	2	28	26	5				37.4	+6	SW	1	23	22	4																							
	Thorney Island	10	35.1	+14	NNW	3	31	28	6				36.6	+2	NW	3	29	26	5																							
	Frisson																																									
	Lympe	341	33.5	+14	NNW	3	31	30	6																																	
	Manston	140	32.9	+14	N	4	35	32	6				34.6	+6	NW	3	36	33	6																							
2	North Weald	444	35.4	+12	NW	4	35	28	5				37.2	+8	NW	3	26	25	6																							
	Felixstowe	10	33.7	+10	NNW	3	33	30	5				33.1	+2	NW	2	31	30	5																							
	Corleston	5	32.2	+18	N	4	33	28	7				34.6	+2	NNW	2	33	28	7																							
	Mildenhall	15	34.6	+10	NNW	3	31	30	5				36.4	+6	NNW	1	26	26	4																							
	Bircham Newton	221	34.6	+10	NNW	3	32	32	6				36.4	+8	WSW	1	31	30	3																							
	Cranwell	203	35.5	+6	NNW	2	32	29	5				36.8	+6	WS	1	28	27	4																							
3	Cranfield	340	35.2	+6	NNW	2	29	26	5				36.7	+2	WSW	2	24	22	4																							
	Honiley	427	36.7	+6	NW	2	27	26	4				37.7	+4	W	1	25	25	2																							
4	Little Rissington	731	35.9	+6	NNE	2	30	26	4				37.4	+2	NNE	1	29	25	4																							
	Shobden	318	37.0	+6	NE	1	35	25	5																																	
5	Bristol	209	36.8	+6		0	27	25	3				38.3	+2		0	22	21	5																							
	Chivenor	20	36.6	+6		0	31	31	6				37.9	+2	ENE	1	29	28	5																							
	Yeovilton	50	35.7	+6		0	28	28	4				37.4	+6		0	29	28	3																							
	Portland Bill	32	35.3	+12	NW	3	34	31	8				35.7	+2	NW	3	33	30	8																							
	Exeter	100	37.0	+8	ENE	1	27	27	4				37.1	0		0	25	25	4																							
	Plymouth	86	36.8	+6	ENE	1	34	30	6				37.7	+2	SSE	1	29	26	6																							
	St. Eval	345	36.5	+2	ENE	1	33	34	8				37.7	+6	SE	1	35	31	8																							
	The Lizard	240	35.0	0	NE	2	40	40	7				36.4	+4	NE	3	40	38	7																							
6	Scilly, St. Marys	163	36.2	+2	NE/N	2	46	42	8				36.6	+2	SE/E	1	44	39	8																							
	Fairwood	268	37.1	+4	NE	1	31	30	4				38.0	+6	NW	1	31	29	4																							
	Pembroke	142	36.2	+4		0	42	38	8				37.7	+4	ES	2	41	40	8																							
	Aberporth	425	36.2	+4		0	42	38	8				37.0	+2	SW	0	34	31	6																							
7	Penrhos	63	36.4	+6	N	1	31	30	6				36.8	+2	SW	0	34	31	6																							
	Holyhead, Valley	32	35.6	0	NW	2	32	29	6				36.2	+4	S	3	39	38	6																							
	Hawarden	15	37.2	+4		0	23	23	2				39.0	0	SE	1	22	21	3																							
8	Manchester	230	37.0	+4		0	24	24	3				37.1	+2		0	24	23	3																							
	Squires Gate	30	36.6	+4		0	26	26	4				36.7	0	SSE	2	31	29	5																							
	Silloth	25	36.6	+6		0	24	24	5				35.4	+10	E	1	30	29	5																							
9	Ashbourne	590	36.8	+6	NW	2	27	25	5				37.6	+2	NNW	2	25	24	7																							
	Snaith	30	36.4	+8	NNW	3	28	25	5				36.6	+10	WSW	2	28	25	5																							
10	Spurn Head	29	33.5	+4	ENE	2	34	31	3				36.5	+10	NNW	2	34	31	6																							
	Leeming	105	35.9	+6	NNW	2	30	26	5				35.6	+6	SE	1	29	27	8																							
	Tynemouth	108	35.2	+2	NNW	2	31	26	5				34.6	+6	SW	3	33	30	5																							
	Acklington	138	35.2	+2	N	3	28	23	7				33.4	+14	WSW	3	45	32	7																							
	St. Abb's Head	280	34.0	+8	SW	3	30	23	8				31.9	+14	SW	3	36	33	7																							
	Leuchars	31	33.9	+10		0	31	25	5																																	

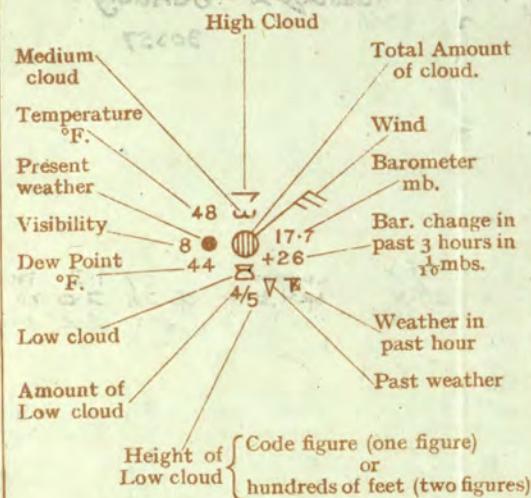


NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

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



# STATION MODEL



Scale 1 : 5,000,000

6h Tuesday 2nd January

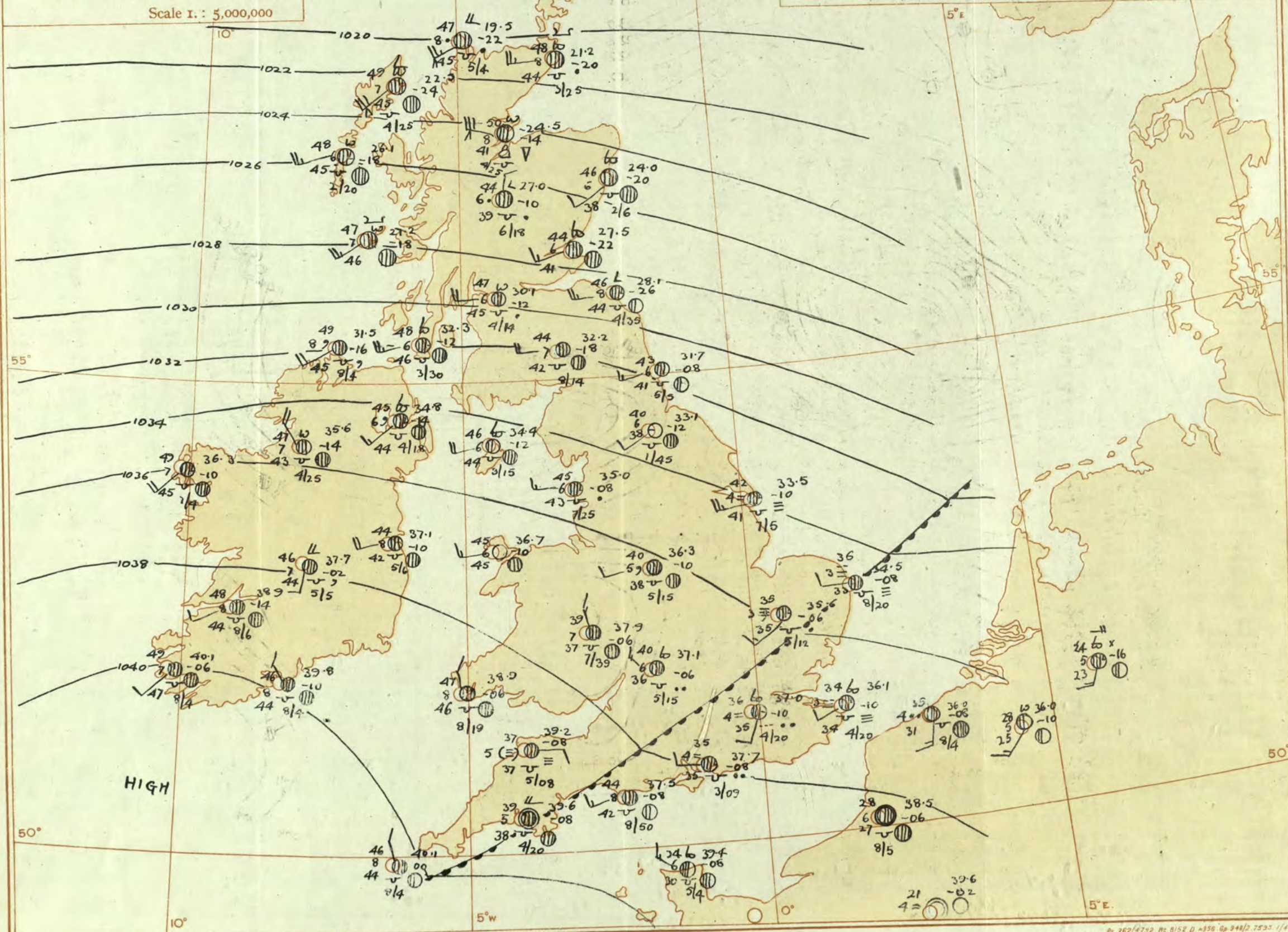
1945

## 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 ...	bbsbpx	cmfpx	qf.4	37	34	31	Tr	0.3	1.2	75	92
Croydon ...	qfxbpx	bfxbcm	cfiod	36	33	32	Tr	0.5	2.0	87	95
Greenwich ...	bpx	bpx	crf	39	33	30	-	0.5	0.0	91	97
Westminster	.	.	.	37	32	31	0.4	-	-	76	95
Regents Park	.	.	.	-	35	33	-	1.1	-	74	95
Camden Square	o	o	.	37	28	23	-	0.5	-	74	95
Kensington ...	bcm	bcm	.	37	35	32	Tr	0.5	-	74	95
Hampstead ...	bcm	bcm	of	37	28	21	1.0	-	-	74	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 0.5 Max. 1st Time 0.2 Min. 2nd Time





A large anticyclone is centred off Southwest England; small quick moving depressions are moving East just to North of Scotland; weather will be mainly cloudy over most of England and Wales but bright intervals will occur locally; in the North there will be occasional rain; it will be milder than of late.

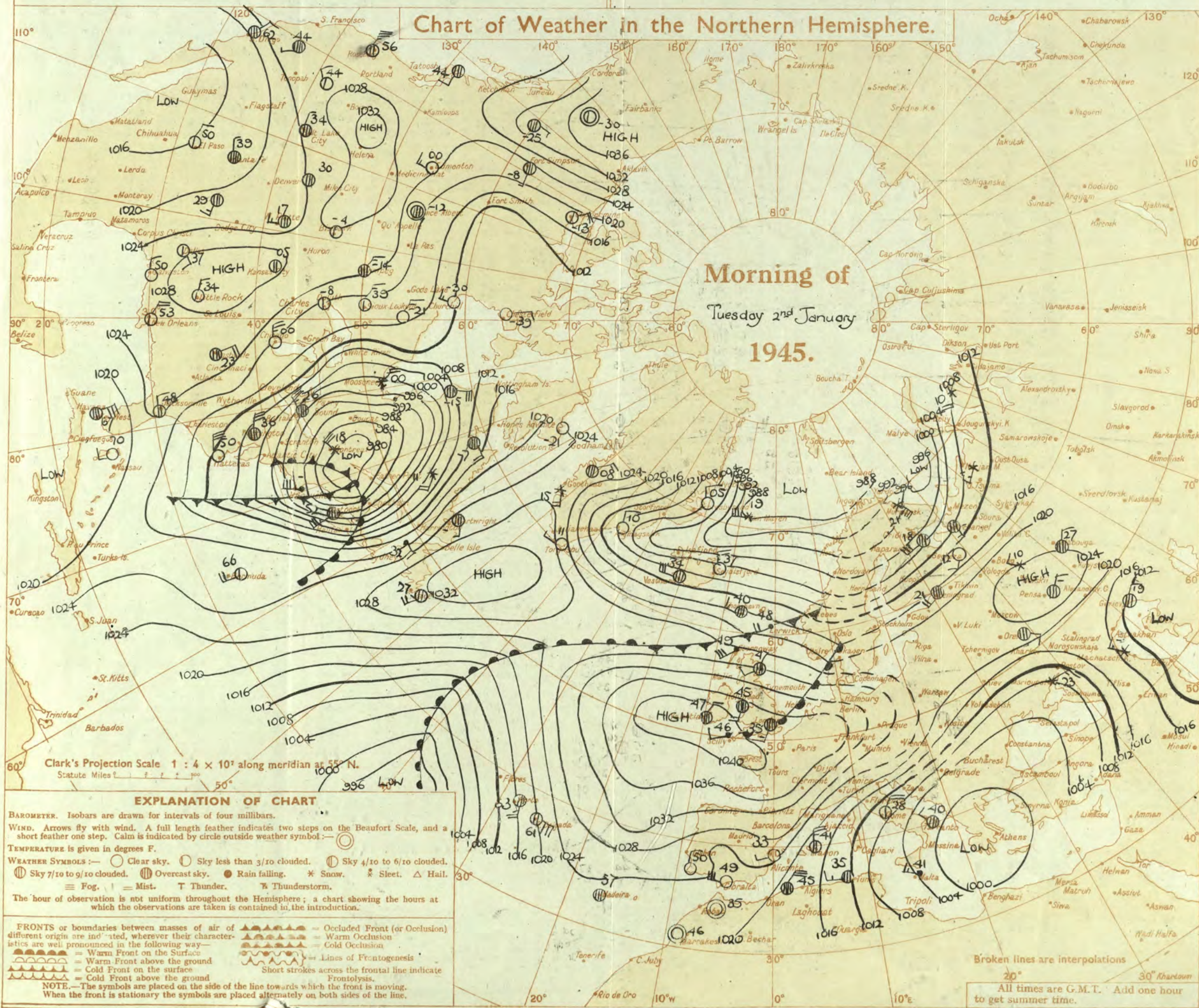
#### GENERAL INFERENCE

Little change but possibly becoming colder in the North. Gale warning in operation in districts 13 B, 15 & 16 part of Time of issue 0830 GMT. 2<sup>nd</sup> Jan. 1945.

#### FURTHER OUTLOOK

### Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 2<sup>nd</sup> January  
1945.





[illegible]

0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{2}$	6 = $\frac{9}{10}$
1 = Trace	3 = $\frac{1}{5}$	5 = $\frac{3}{4}$	7 = More

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

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

\* Information not usually received.



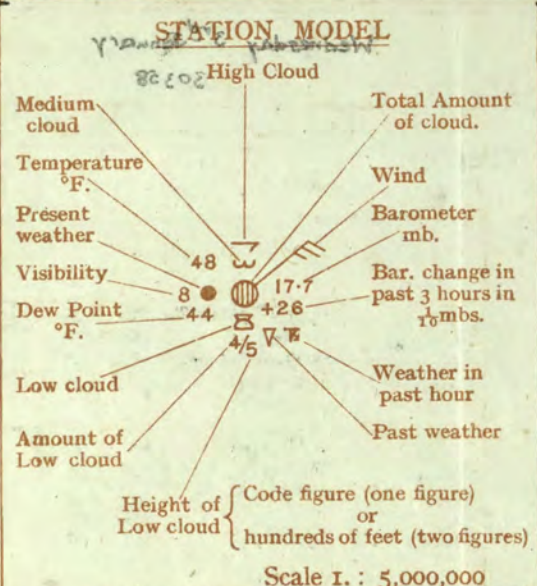
BRITISH  
SECTION

CONFIDENTIAL

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday, 3rd January 1945  
No. 30358

OBSERVATIONS at 12h. G.M.T. 2 <sup>nd</sup> January																	OBSERVATIONS at 18h. G.M.T. 2 <sup>nd</sup> January																	OBSERVATIONS during DAY				
District.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F.) (6)	Dew Point (°F.) (7)	Visibility. (8)	Cloud.					Height of Base Hundreds of feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (°F.) (22)	Dew Point (°F.) (23)	Visibility. (24)	Cloud.					Height of Base Hundreds of feet. (31)	State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (°F.) (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. inches. (38)			
				Dirce. (3)	Force. (4)					Form. (9)	Amount. (10)	Total. (11)	A. (12)	B. (13)				Low. (14)	Dirce. (19)					Force. (20)	Form. (25)	Amount. (26)	Total. (27)	A. (28)			B. (29)	Low. (30)				06h.-12h. (34)	12h.-18h. (35)	
1	Kew Croydon Boscombe Down Thorney Island Friston	35.7 36.2 36.9 36.3	-14 -10 -12 -18	SW SW WN WSW	2 2 2 2	c c c c	39 41 41 41	38 38 40 39	5 5 5 4	- - - 3	- - - 1	7 7 7 7	7 7 7 5	- - - 6	30 40 40 50	32.8 33.2 33.9 33.3	-10 -12 -12 -6	WSW WSW WN WN	2 2 2 2	N N id cf	41 42 41 42	39 39 39 41	5 5 5 2	5 5 5 5	- - - -	- - - -	4 4 4 7	4 4 4 4	7 7 7 7	21 15 25 30	40 40 40 40	1 1 1 1	eff cm cm cm	cm cm cm cm	43 44 44 43	0.1 0.0 0.1 .	1.5 1.5 1.5 1.5	
	Lympne Manston	35.6 34.9	-14 -14	NW WN	4 3	m c	39 42	38 39	4 3	- 7	- .	7 8	7 5	- .	30 60	33.1 32.0	-2 -14	W WSW	2 3	bc cf	40 43	36 39	6 3	5 5	- 7	- -	- -	4 7	4 3	7 7	100 49	- -	1 1	cm cm	OFcf cmf	41 44	0.0 0.0	1.5 1.5
2	North Weald Felixstowe Gorleston	35.4 34.9 32.6	+16 +19 -10	WN WN W	3 3 2	c c c	41 40 40	40 39 37	3 4 5	- - .	- - .	6 7 8	6 7 8	- - .	40 40 10	32.5 31.6 29.0	-16 -10 -22	WSW WS WSW	2 3 3	cf cf cf	42 41 40	39 39 36	3 3 4	5 5 4	- - -	- - -	- - -	8 8 8	4 4 0	8 8 0	30 40 -	- - -	1 1 1	eff cm cm	cf cm bcz	44 43 43	0.0 0.0 0.0	1.5 1.5 1.5
	Mildenhall Bircham Newton Cranwell	33.9 33.0 33.3	-19 -16 -14	WSW WSW WSW	3 4 3	m c c	41 40 43	39 35 41	5 4 4	- - 7	- - .	7 6 5	7 6 5	- - .	35 -	30.1 28.9 28.8	-22 -10 -26	WS WSW SWW	3 4 4	N N N	39 39 41	38 38 38	5 4 5	5 5 5	- - -	- - -	- - -	1 4 4	1 4 3	- 4 3	50 30 25	- -	1 1 1	cid. fcm cfcm cfbcm	cm cm cm	42 41 44	0.0 . 0.2	1.5 1.5 1.5
3	Cranfield Honiley	35.2 35.4	-12 -14	SW W	3 3	m c	40 41	37 39	5 5	- 7	- .	7 7	8 6	- 7	35 28	31.9 31.8	-12 -14	SSW WSW	3 3	N WN	40 40	38 39	5 4	5 4	- -	- -	- -	3 3	3 3	- -	- -	1 1	cm cm	cm cm	44 44	0.0 .	1.5 1.5	
4	Little Rissington Shobden	35.8 36.5	-16 -14	WN SW	3 2	m c	42 41	39 41	6 7	- 3	- .	8 7	8 5	- .	20 20	32.6 32.1	-12 -16	WSW W	2 2	N N	40 45	37 40	6 6	5 5	- -	- -	- -	4 8	3 3	3 8	20 12	- 72	1 1	cm cm	cm cm	45 48	0.0 .	1.5 1.5
5	Bristol Chivenor Yeovilton	37.2 37.5 36.0	-14 -10 -6	W SE .	3 1 0	c c c	44 44 38	44 43 38	8 5 0	- - .	- - .	8 8 8	8 8 .	- - .	27 15	34.4 35.6 35.1	-14 -14 -10	W W W	2 2 2	N N N	43 47 40	40 45 39	6 6 4	5 5 5	- - -	- - -	- - -	8 8 6	3 3 6	8 8 6	20 20 23	40 40 -	1 1 1	cm cm cm	cm cm cm	48 48 41	0.0 . .	1.5 1.5 1.5
	Portland Bill Exeter Plymouth St. Eval The Lizard	37.0 38.5 37.4 37.9 37.8	-12 -10 -8 -10 -4	NW N . . NW	2 1 . . 3	c c c c c	47 42 44 47 48	45 42 42 46 48	8 4 5 6 7	- - - - .	- - - - .	8 8 7 7 6	8 8 7 8 6	- - - - .	50 20 20 20 20	34.6 35.9 36.8 37.7 37.2	-20 -12 -10 -6 -10	WSW WN WN WN WN	2 2 2 2 3	N N N N N	48 44 46 47 48	46 41 44 46 46	8 5 5 6 7	5 5 5 5 5	- - - - -	- - - - -	- - - - -	8 8 8 8 8	8 8 8 8 8	50 38 15 2 17	- - - 13 -	1 1 1 1 1	c c c c c	cm cm cm cm cm	48 45 47 48 48	0.0 . 0.0 . .	1.5 1.5 1.5 1.5 1.5	
6	Scilly, St. Marys Fairwood Pembroke Aberporth	39.9 38.0 38.5 37.5	-6 -4 -6 -10	WN NW W W	2 2 4 3	c c c c	49 43 49 47	47 43 43 43	8 6 8 8	- - - .	- - - .	8 8 7 7	8 8 7 7	- - - .	27 30 19	37.3 34.6 34.3	-10 -14 -16	NNW N N	2 4 5	N N N	48 45 48	44 44 46	8 7 8	5 5 5	- - -	- - -	- - -	8 7 6	8 5 5	25 20 19	57 -	1 1 1	c c c	cm cm cm	49 47 49	0.0 . 0.0	1.5 1.5 1.5	
7	Penrhos	35.7	-18	WSW	4	c	49	45	7	-	-	7	2	-	12	32.1	-16	WSW	4	N	47	44	7	5	-	-	-	6	2	5	10	40	1	cm	cm	51	0.0	1.5
	Holyhead, Valley Hawarden	35.6 34.9	-10 -6	WSW W	5 4	c c	48 50	46 43	8 5	- 7	- .	5 5	5 8	- .	14 15	32.0 29.8	-20 -16	W WN	4 4	N N	48 43	46 41	8 8	5 5	- -	- -	- -	8 6	4 4	2 4	28 35	- -	1 1	c cm	cm cm	49 47	0.0 .	1.5 1.5
8	Manchester Squires Gate Silloth	33.8 33.2 30.6	-14 -12 -16	W WN WSW	4 4 4	c c c	45 45 45	43 43 43	5 6 6	- - .	- - .	5 5 3	5 5 15	- - .	15 35 25	29.8 29.4 25.1	-16 -34 -18	WN W WSW	4 4 6	N N N	43 45 45	41 42 42	5 5 5	5 5 7	- - -	- - -	- - -	7 7 7	7 7 8	7 7 8	25 25 18	57 -	1 1 1	cm cm cm	cm cm cm	47 47 47	0.0 . .	1.5 1.5 1.5
9	Ashbourne Snaith	34.7 32.6	-16 -8	WSW WSW	2 2	m c	43 45	40 40	5 5	- .	- .	7 4	6 6	- .	12 30	30.2 28.2	-18 -22	WSW SSW	3 3	N N	41 45	39 40	5 5	5 5	- -	- -	- -	4 6	4 6	- 6	15 22	- -	1 1	cid. m. cm bc	cm cm	45 47	0.0 .	1.5 1.5
10	Spurn Head Leeming Tynemouth	31.7 30.3 28.6	-12 -20 -20	WS SW W	4 1 5	m c c	42 47 47	38 40 43	7 8 6	- 7 .	- - .	7 8 7	7 1 7	- - .	25 40 24	27.6 24.1 23.8	-20 -38 -20	WSW WNW W	3 3 3	N N N	43 47 47	40 41 42	6 6 6	5 5 5	- - -	- - -	- - -	8 8 6	5 5 6	6 6 25	- -	1 1 1	cm cm cm	cm cm cm	45 45 48	0.6 . .	1.5 1.5 1.5	
11	Ackington St. Abb's Head Leuchars	27.5 21.2 23.4	-22 -58 -22	W W SW	5 6 4	c c c	46 49 47	42 45 43	7 8 8	- - 7	- - .	8 7 8	3 4 8	- - .	8 20	22.1 18.9 18.2	-22 -16 -24	WSW W SW	6 6 4	N N N	45 49 49	42 43 43	6 8 7	5 4 4	- - -	- - -	- - -	7 4 4	3 3 3	4 25 30	25 -	1 1 1	c c cm	cm cm cm	48 50 51	0.0 . 0.2	1.5 1.5 1.5	
12	Montrose Abbotsinch	23.2 26.7	-30 -10	SW W	4 6	c c	44 50	43 46	8 6	- 7	- .	8 6	2 5	- .	40 8	17.2 22.1	-24 -20	WSW WS	4 6	N N	49 49	43 45	5 5	5 5	- -	- -	- -	3 8	3 8	2 8	35 13	- -	1 1	cm cm	cm cm	50 50	0.0 0.3	1.5 2
	Prestwick West Freugh Eskdalemuir Jurby, I. of Man	29.4 31.2 28.3 32.5	-16 -26 -32 -14	WSW WNW W SW	4 3 4 5	c c c c	48 47 46 47	44 44 41 44	7 8 7 5	- - - 3	- - - 6	8 7 7 6	5 5 4 4	- - - .	18 40 11 15	23.9 27.3 25.1 28.4	-18 -20 -10 -18	W WSW W WSW	7 6 6 3	N N N N	49 48 45 45	44 43 43 41	6 7 5 5	5 5 5 5	- - -	- - -	- - -	8 7 8 6	4 4 8 4	8 7 7 4	25 40 7 40	- -	1 1 1 1	cm cm cm cm	cm cm cm cm	50 46 47 49	0.0 0.0 . .	1.5 1.5 1.5 1.5
13A	Machrihanish	29.2	-22	WS	6	c	49	45	7	-	-	8	4	-	15	25.0	-18	WSW	5	N	49	45	7	5	-	-	-	5	3	4	10	25	1	cm	cm	49	0.0	1.5
	Titee Oban	26.0 26.6	-20 -18	WSW SW	5 5	c c	49 48	48 46	6 6	- 7	- .	8 8	4 5	- .	30 8	20.9 21.5	-24 -26	WSW W	6 6	N N	49 49	48 47	6 7	6 5	- -	- -	- -	8 8	5 5	8 8	6 10	- 25	1					



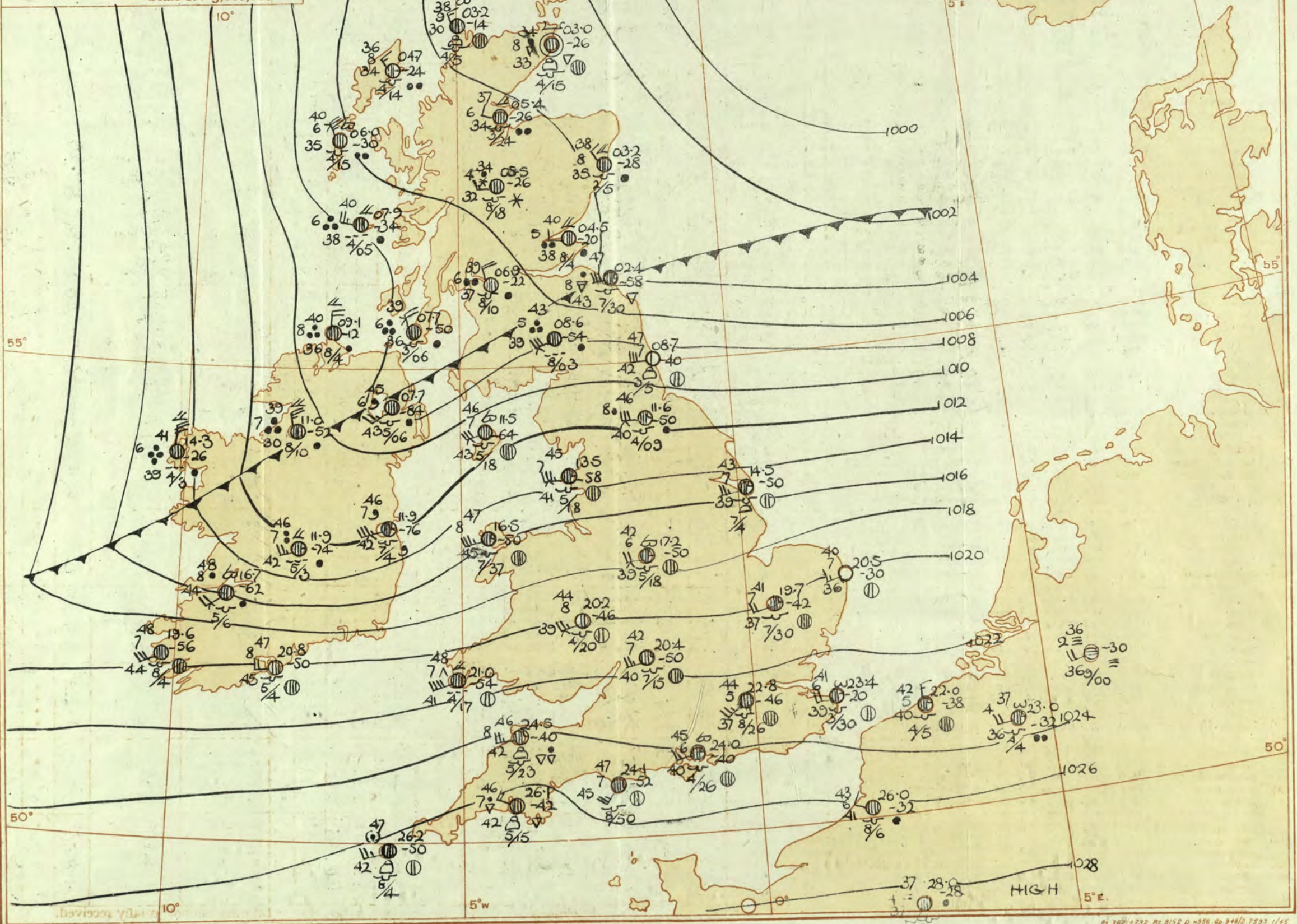


6h Wednesday 3rd January 1945

**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 ...	cff	cfiscmo	bcmmow	43	39	34	Tr	Tr	0.1	.	.
Croydon ...	cmcm	cm	cm20	44	40	36	Tr	-	0.0	85	85
Greenwich ...	crcf	crcf	cfbcm	43	40	33	Tr	-	0.0	86	82
Westminster	.	.	.	45	37	31	Tr	Tr	.	84	79
Regents Park	.	.	.	.	36	34	-	Tr	.	.	88
Camden Square	o	c	.	44	37	32	Tr	-	.	90	85
Kensington ...	cmd	cmdcm	.	43	40	32	Tr	-	.	.	93
Hampstead ...	ofa	o	o	43	38	30	Tr	-	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 05 Time 2nd Min. 0-6h Time 2nd.





# GENERAL INFERENCE

An intense anticyclone centred to west of Iceland is moving slowly east. A vigorous trough of low pressure over South Scotland and North Ireland is moving Southeast. A belt of rain accompanied by sleet and snow locally will move Southeast across England and Wales and be followed by wintry conditions with wintry showers in the West near the east coast but considerable bright intervals inland. There will be frequent snow showers in North and East Scotland. It will become very cold with night frost in many areas.

# FURTHER OUTLOOK

Wintry weather continuing.

Gale warning in operation in all districts.

Times of issue 0830 and 1200h. 2nd. and 0115 and 0400h 3rd Jan. 45

## Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 3rd January

1945.

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

### EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ● Rain falling. \* Snow. \* Sleet. △ Hail.

☁☁☁☁☁ Fog. ☁☁☁☁☁ Mist. T Thunder. T Thunderstorm.

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

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

— Warm Front on the Surface

— Warm Front above the ground

— Cold Front on the surface

— Cold Front above the ground

— Occluded Front (or Occlusion)

— Warm Occlusion

— Cold Occlusion

— Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis.

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday 3<sup>rd</sup> January 1945

No 30358

OBSERVATIONS at 00hr. G.M.T. 3 <sup>rd</sup> January																	OBSERVATIONS at 06hr. G.M.T. 3 <sup>rd</sup> January																	OBSERVATIONS during NIGHT										
District.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		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.					Low.	Med.	High.	Total.	Low.			Dir.	Force.					Low.	Med.	High.	Total.	Low.		2hr.-09h.	09h.-06h.	Min. °F.	Min. on Grass °F.											
																																			A.	B.	A.	B.	A.	B.	A.	B.	A.	B.
1	Kew	16	29.5	-18	SW	4	20	41	38	5	5	7	8	8	30	22.6	-44	SW	3	20	41	39	6	5	8	8	18	25	1	bcmcm	bcmcm	39	34	Tr										
	Croydon	217	29.5	-18	SW	4	20	41	38	5	5	7	8	8	30	22.8	-46	SW	5	20	41	37	5	5	8	8	26	31	1	bcmcm	bcmcm	40	36	Tr										
	Boscombe Down	447	30.2	-18	WSW	3	20	41	40	6	5	7	8	8	15	23.5	-42	WSW	5	20	42	40	7	5	8	8	23	31	1	bcmcm	bcmcm	37	32	Tr										
	Thorney Island	10	31.5	-14	WSW	3	20	42	40	6	5	7	8	8	30	24.0	-40	WSW	3	20	45	40	6	5	8	8	26	32	1	bcmcm	bcmcm	41	39	Tr										
	Friston																																											
	Lymington	341	29.8	-16	W	3	20	41	39	5	5	7	8	8	47	24.1	-30	W	4	20	41	39	6	4	3	3	1	2	25	1	bcmcm	bcmcm	39	37	Tr									
	Manston	140	28.4	-18	WS	3	20	43	40	5	5	7	8	8	25	23.4	-20	WS	4	20	41	39	6	5	0	6	3	6	30	1	bcmcm	bcmcm	40	37	Tr									
2	North Weald	244	28.6	-18	WSW	4	20	41	38	4	5	6	7	7	25	21.4	-44	WSW	3	20	41	38	4	5	0	7	7	25	1	bcmcm	bcmcm	39	37	Tr										
	Felixstowe	10	27.8	-14	WSW	4	20	40	38	4	5	6	7	7	78	21.6	-42	WSW	5	20	41	38	4	5	0	7	7	25	1	bcmcm	bcmcm	38	33	Tr										
	Corlestone	5	26.0	-12	WSW	3	20	39	36	7	5	6	7	7	20	20.5	-30	WSW	3	20	40	36	7	5	0	7	7	25	1	bcmcm	bcmcm	38	37	Tr										
	Mildenhall	15	26.7	-14	SW	4	20	38	36	6	5	7	8	8	45	19.7	-42	SW	4	20	41	37	7	5	0	7	7	30	1	bcmcm	bcmcm	37	32	Tr										
	Bircham Newton	221	25.2	-22	WSW	4	20	39	37	4	5	7	8	8	25	17.5	-46	WSW	5	20	40	37	6	5	0	6	6	23	1	bcmcm	bcmcm	38	35	Tr										
	Cranwell	203	24.5	-24	WSW	4	20	40	38	6	5	7	8	8	25	16.2	-44	WSW	5	20	42	38	6	5	0	5	5	30	1	bcmcm	bcmcm	38	30	Tr										
	Cranfield	340	27.7	-20	SSW	3	20	40	37	6	5	7	8	8	80	20.7	-44	SSW	4	20	41	37	7	5	0	7	7	40	1	bcmcm	bcmcm	38	25	Tr										
	Honiley	427	27.1	-28	SW	4	20	41	38	7	5	7	8	8	35	19.4	-48	SW	4	20	42	40	7	5	0	8	8	25	40	1	bcmcm	bcmcm	39	36	Tr									
4	Little Rissington	731	28.6	-22	WSW	3	20	39	37	6	5	7	8	8	25	20.4	-50	WSW	5	20	42	40	7	5	0	7	7	15	1	bcmcm	bcmcm	38	32	Tr										
	Shobden	318	28.1	-28	WSW	4	20	46	39	8	5	7	8	8	57	20.2	-46	WSW	5	20	44	39	8	5	0	7	7	20	40	1	bcmcm	bcmcm	38	34	Tr									
5	Bristol	209	30.6	-14	W	4	20	44	42	8	5	7	8	8	57	23.2	-46	W	4	20	44	42	8	5	0	7	7	20	1	bcmcm	bcmcm	42	34	Tr										
	Chivenor	20	31.7	-26	W	3	20	47	44	8	5	7	8	8	45	24.5	-40	W	5	20	46	42	8	5	0	7	7	23	25	1	bcmcm	bcmcm	45	41	Tr									
	Yeovilton	50	31.0	-22	WS	1	20	43	42	6	5	7	8	8	40	24.5	-40	WS	2	20	44	41	8	5	0	7	7	15	25	1	bcmcm	bcmcm	34	32	Tr									
	Portland Bill	32	30.9	-22	SW	4	20	47	45	8	5	7	8	8	50	24.1	-52	SW	5	20	47	45	7	5	0	8	8	50	1	bcmcm	bcmcm	47	42	Tr										
	Exeter	100	31.7	-28	WSW	2	20	44	41	8	5	7	8	8	20	22.5	-44	WSW	3	20	44	42	6	5	0	5	5	25	1	bcmcm	bcmcm	42	34	Tr										
	Plymouth	86	32.9	-26	NNW	3	20	46	43	8	5	7	8	8	20	26.1	-42	NNW	4	20	46	42	7	5	0	8	8	15	25	1	bcmcm	bcmcm	44	40	Tr									
	St. Eval	345	33.4	-22	NNW	3	20	46	44	7	5	7	8	8	12	26.0	-46	NNW	5	20	45	43	6	5	0	8	8	3	25	1	bcmcm	bcmcm	44	42	Tr									
	The Lizard	240	34.1	-16	NNW	2	20	47	45	7	5	7	8	8	15	26.5	-40	NNW	5	20	46	42	7	5	0	8	8	20	1	bcmcm	bcmcm	45	42	Tr										
	Scilly, St. Marys	163	33.5	-28	W	4	20	47	43	8	5	7	8	8	25	24.2	-50	W	5	20	47	42	8	5	0	8	8	15	1	bcmcm	bcmcm	45	42	Tr										
6	Fairwood	208	30.6	-26	W	5	20	46	44	7	5	7	8	8	40	22.7	-46	W	6	20	45	41	7	5	0	8	8	23	40	1	bcmcm	bcmcm	43	41	Tr									
	Pembroke	142	30.7	-42	WSW	5	20	48	44	8	5	7	8	8	19	21.0	-34	WSW	8	20	48	41	7	6	2	8	8	17	1	bcmcm	bcmcm	47	42	Tr										
	Aberporth	425																																										
	Pearhos	63	27.3	-30	WSW	5	20	47	42	7	5	7	8	8	40	21.0	-38	WSW	5	20	45	43	8	6	2	8	8	25	1	bcmcm	bcmcm	45	42	Tr										
7	Holyhead, Valley	32	26.3	-26	W	6	20	47	45	7	5	7	8	8	37	16.5	-50	W	7	20	47	45	8	5	0	7	7	30	1	bcmcm	bcmcm	45	42	Tr										
	Hawarden	15	25.8	-26	WSW	4	20	47	42	6	5	7	8	8	25	16.4	-40	WSW	5	20	47	42	8	5	0	7	7	25	1	bcmcm	bcmcm	45	37	Tr										
8	Manchester	230	25.2	-30	WSW	3	20	44	40	6	5	7	8	8	21	16.3	-48	WSW	5	20	44	41	7	5	0	7	7	16	1	bcmcm	bcmcm	43	35	Tr										
	Squires Gate	30	24.2	-32	W	2	20	45	43	6	5	7	8	8	25	13.5	-58	W	7	20	45	41	7	5	0	7	7	18	25	1	bcmcm	bcmcm	43	35	Tr									
	Silloth	25	18.9	-42	SW	6	20	47	40	7	5	7	8	8	23	08.4	-66	SW	8	20	46	42	6	5	0	7	7	12	25	1	bcmcm	bcmcm	38	36	Tr									
9	Ashbourne	590	25.6	-26	WSW	4	20	42	39	5	5	7	8	8	12	17.2	-50	WSW	4	20	42	39	6	5	0	7	7	18	1	bcmcm	bcmcm	39	37	Tr										
	Snaith	30	22.9	-30	WS	7	20	47	42	5	5	7	8	8	20	15.3	-42	WS	6	20	46	39	6	5	0	7	7	28	1	bcmcm	bcmcm	44	40	Tr										
10	Spurn Head	29	22.2	-34	WS	4	20	41	39	6	5	7	8	8	15	14.5	-50	WS	5	20	43	39	7	5	0	7	7	15	1	bcmcm	bcmcm	39	37	Tr										



BRITISH  
SECTION

# CONFIDENTIAL THE DAILY WEATHER REPORT

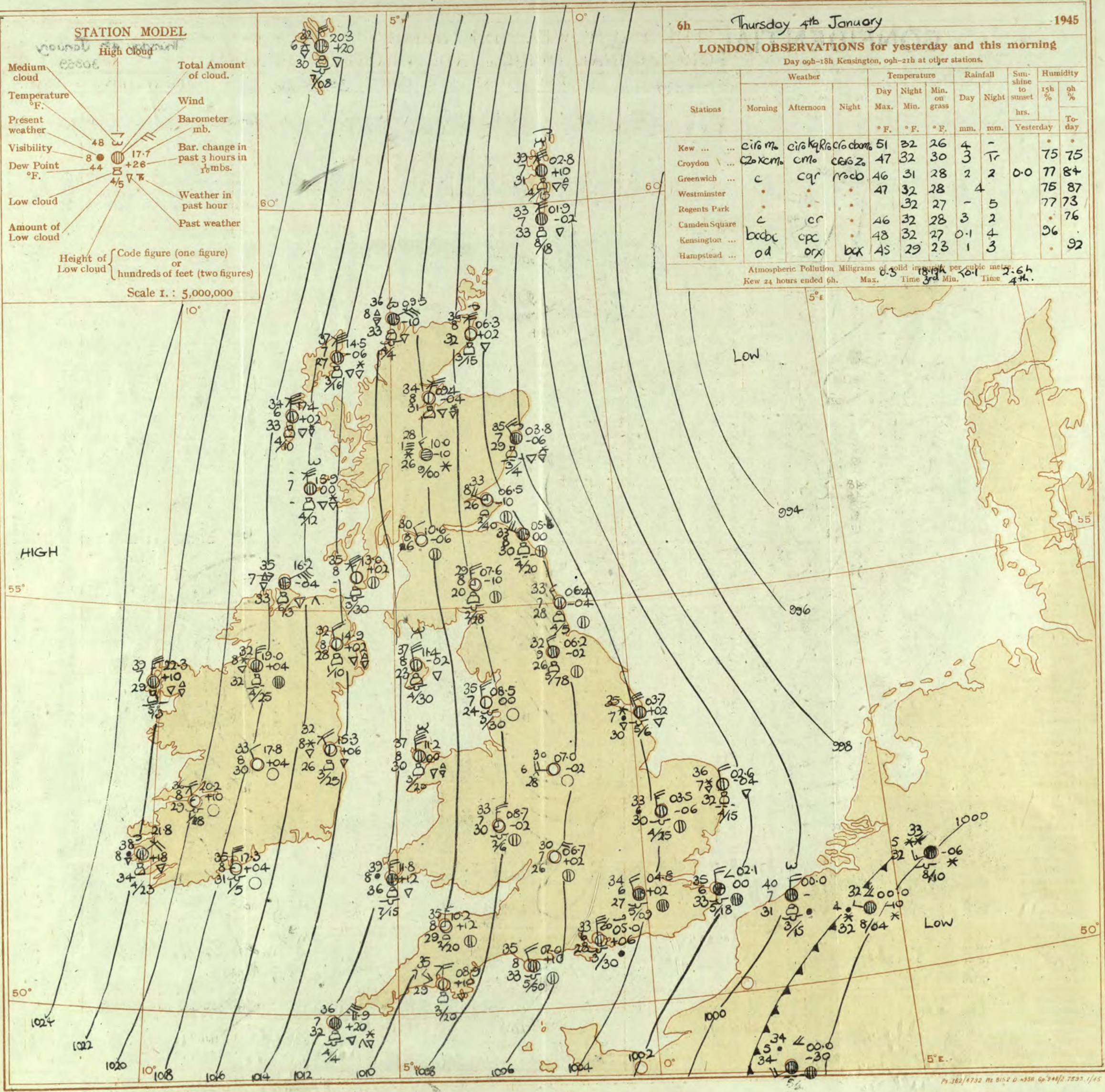
## OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 4th January 1945

No. 30359

OBSERVATIONS at 12h. G.M.T. 3rd January																OBSERVATIONS at 18h. G.M.T. 3rd January																OBSERVATIONS during DAY																																																																																										
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility (8)	Cloud.				Height of Base Hundreds of feet. (16)	Barom. at M.S.L. (17)	Change in 3 hours (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point (23)	Visibility (24)	Cloud.				Height of Base Hundreds of feet. (32)	State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. mm. (38)																																																																																									
				Dir.	Force.					Form.	Amount.		Form.				Amount.						06h.-12h. (34)	12h.-18h. (35)																																																																																																		
											Low.	High.					Low.	High.							Low.	High.																																																																																																
1	Kew Croydon Boscombe Down Thorney Island Priston  Lymington Manston North Weald Felixstowe Gorleston	14.0 15.0 16.0 16.7 16.7  16.5 16.1 13.3 13.2 11.4	-44 -46 -36 -42 -42  -42 -52 -44 -42 -42	WSW SSW SW SWW SWW  WSW WSW SW SW SW	4 4 5 5 5  6 6 4 4 4	C C C C C  C C C C C	44 45 44 47 47  45 43 43 46 46	39 39 41 39 39  40 37 35 40 38	6 6 6 6 6  6 6 4 4 4	- - - - -  - - - - -	- - - - -  - - - - -	- - - - -  - - - - -	- - - - -  - - - - -	7 7 7 7 7  7 7 7 7 7	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 0.6 0.6 0.6  0.6 0.6 0.6 0.6 0.6	0.6 0.6 





6h Thursday 4th January 1945

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		15h %	9h %
Kew ...	cir m	cir kg	cir cbom	51	32	26	4	-			
Croydon ...	c2xcm	cm	cg6z	47	32	30	3	Tr		75	75
Greenwich ...	c	cqr	ncb	46	31	28	2	2	0.0	77	84
Westminster	.	.	.	47	32	28	4			75	87
Regents Park	.	.	.	32	27	-	5			77	73
Camden Square	c	cr	.	46	32	28	3	2			76
Kensington ...	bc6bc	cpc	.	48	32	27	0.1	4		96	
Hampstead ...	od	orx	bqx	45	29	23	1	3			92

Atmospheric Pollution Miligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. Time 3.2 Min. Time 4.4.



# GENERAL INFERENCE

Pressure is low to east of the British Isles. A ridge of high pressure to northwest of the British Isles is moving southeast and a depression west of Iceland is moving east but will probably move southeast later. There will be wintry showers in many districts, heavy at times near the East coast. Well inland there will be considerable bright intervals. It will be very cold with hard night frost in many districts.

# FURTHER OUTLOOK

Wintry weather continuing.

↑ Gde Warning in operation in all districts.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 4th January  
1945.

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

### EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. \* Sleet. △ Hail.

☁ Fog. ☁ Mist. T Thunder. T Thunderstorm.

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

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

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

All times are G.M.T. Add one hour to get summer time.



## 1946

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).										Columns 13, 14, 15; 16, 29, 30, 31, 32.										* Information not usually received.									
0 = Nil		2 = $\frac{1}{10}$		4 = $\frac{2}{10}$		6 = $\frac{3}{10}$		8 = Completely covered.		A = Lowest cloud present.																			
1 = Trace		3 = $\frac{1}{4}$		5 = $\frac{3}{4}$		7 = More than 9 but with openings.		9 = Sky obscured by fog, etc.		B = Next lowest cloud.																			



BRITISH  
SECTION**CONFIDENTIAL**

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

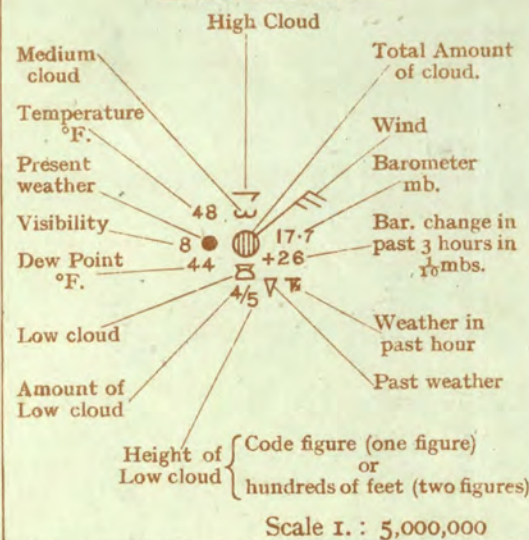
Friday 5th January 1945

No. 30360

OBSERVATIONS at 12h. G.M.T. 4th January															OBSERVATIONS at 18h. G.M.T. 4th January															OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.				Height of Base Hundreds of feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.				Height of Base Hundreds of feet. (31)	State of Ground. (33)	Weather.		Max. Temp. of day. (36)	Sun- shine Hrs. (37)	Rain of day. inches. (38)																																																																																																																																																																																																																																																																																																																																																																																																																				
				Dir.	Force.					Form.	Amount.	Total.	Low.				High.	Form.					Amount.	Total.	Low.	High.			Form.	Amount.				Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.	Amount.	Total.	Low.	High.	Form.



# STATION MODEL



6h Friday 5th January

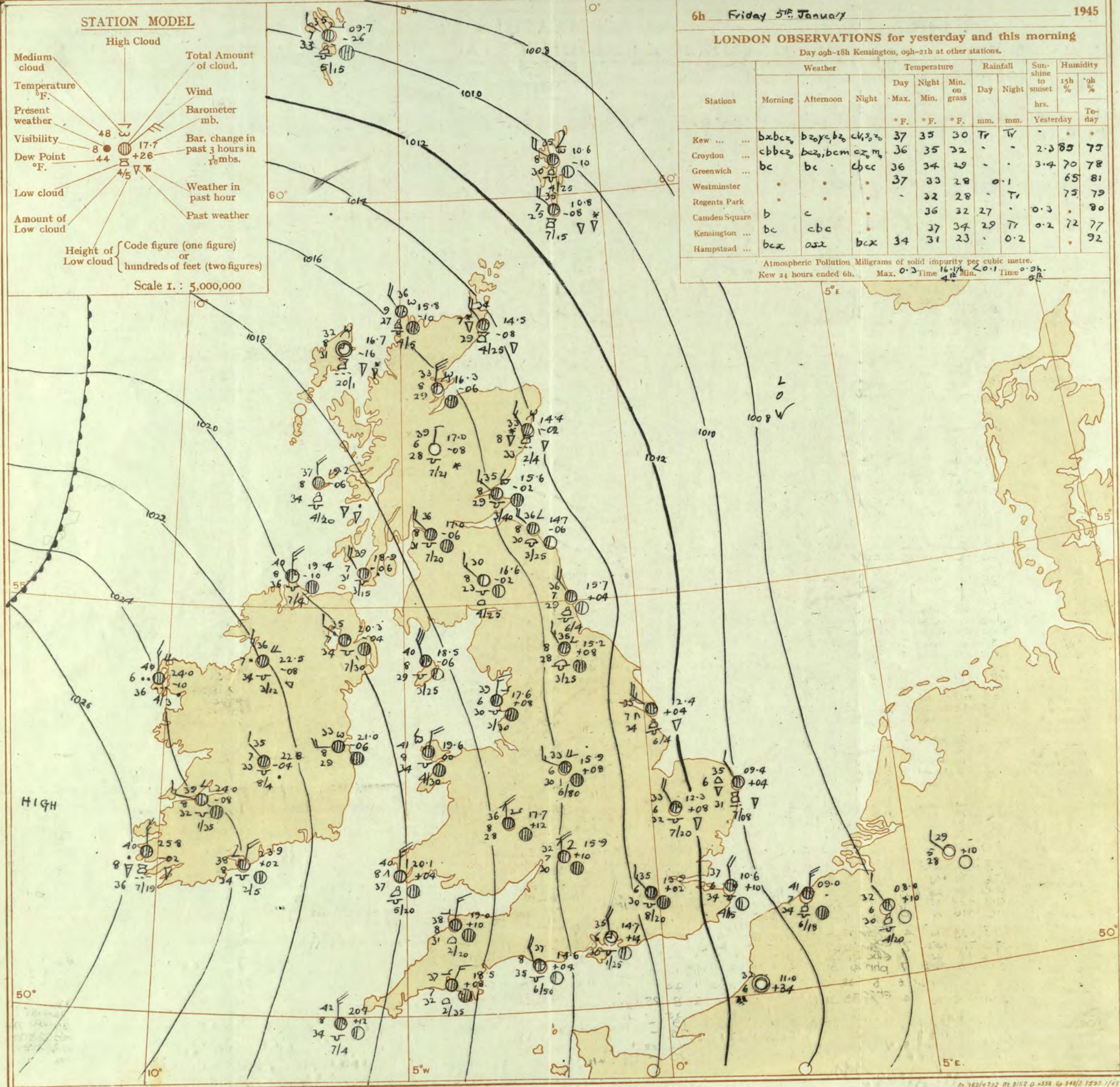
1945

## 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		15h %	To- day %
Kew ...	bxbcz	bzycbz	cbz	37	35	30	Tr	Tr		2.3	85
Croydon ...	cbbcz	bzycbz	cbz	36	35	32				3.4	70
Greenwich ...	bc	bc	cbz	36	34	29				65	81
Westminster				37	33	28	0.1			75	79
Regents Park					32	28		Tr			
Camden Square	b	c			36	32	27		0.3		80
Kensington ...	bc	cbz			37	34	29	Tr	0.2	72	77
Hampstead ...	bcz	osz	bcz	34	31	23		0.2			92

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.3 Time 16.17 Min. 0.1 Time 0.35





An anticyclone well to southwest of the British Isles is moving slowly south and a ridge over our northwestern districts is moving southeast ahead of a trough on the Atlantic. There will be some snow showers in East Anglia and South-east England at first but otherwise it will be mainly fair in Great Britain; a belt of precipitation will soon spread to North Ireland and West Scotland and extend steadily southeast; this precipitation will probably be rain in western districts but may be snow on high ground and for a time to-night and to-morrow in Midlands and East England. There will be showers later in North Scotland. It will become somewhat milder in most districts but there will be some frost

Mainly cloudy; some precipitation at times in South; variable cloud and some showers in North.

in the southern part of Great Britain to-night.

**Chart of Weather in the Northern Hemisphere.**

**Morning of Friday 5th January 1945.**

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

**EXPLANATION OF CHART**

**BAROMETER.** Isobars are drawn for intervals of four millibars.

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

**TEMPERATURE** is given in degrees F.

**WEATHER SYMBOLS:** —○— Clear sky. ○ Sky less than 3/10 clouded. ◐ Sky 4/10 to 6/10 clouded. ◑ Sky 7/10 to 9/10 clouded. ◒ Overcast sky. ● Rain falling. \* Snow. \* Sleet. △ Hail. ☼ Fog. ☼ Mist. T Thunder. T Thunderstorm.

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Short strokes across the frontal line indicate Frontolysis.

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Friday 5th January 1945  
No 30360

[illegible]

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

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

8 = Completely covered.  
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Columns 13, 14, 15; 16, 29, 30, 31, 32.

A = Lowest cloud present.  
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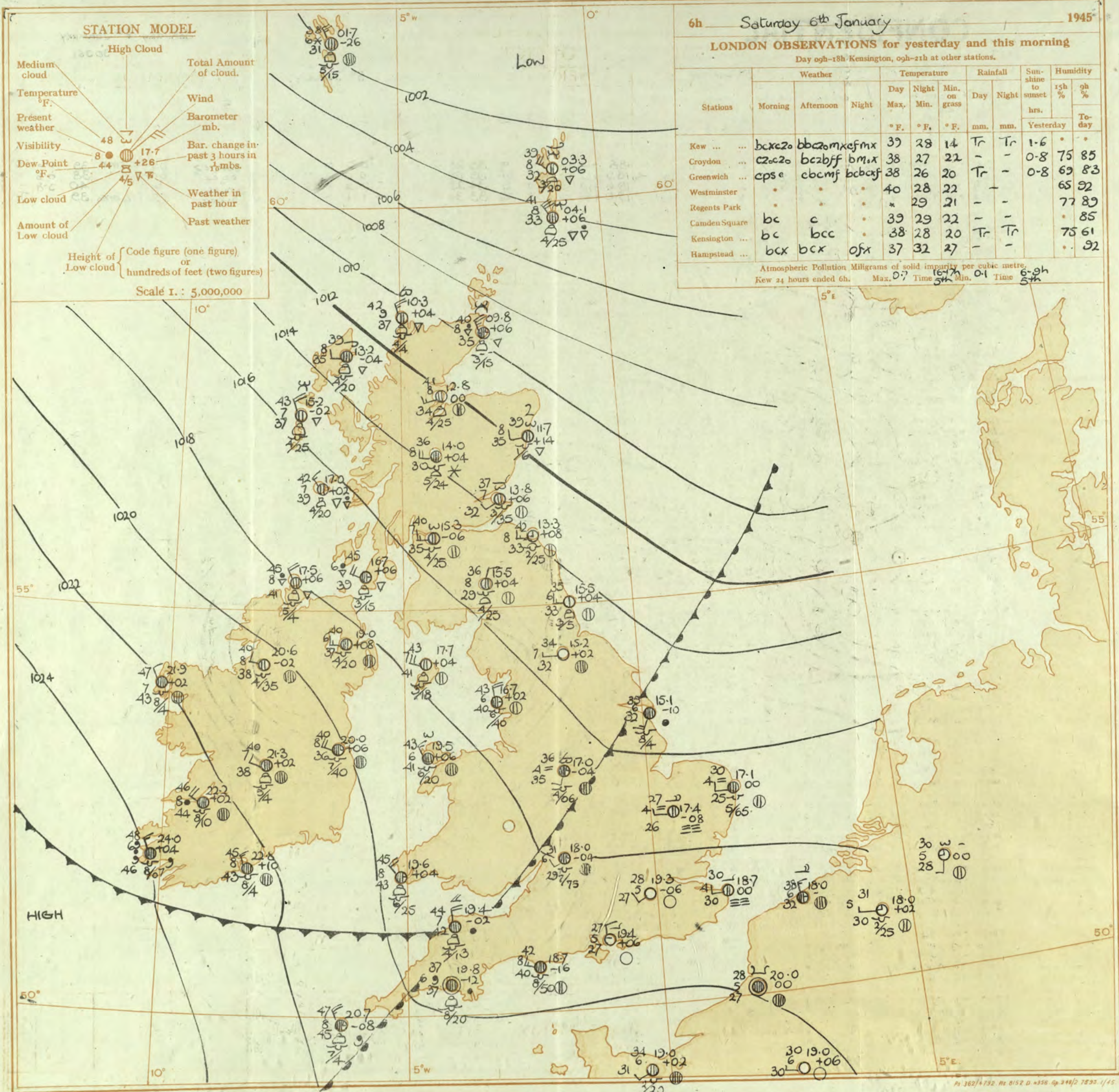
\* Information not usually received.



No...30.36.1...

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).				Columns 13, 14, 15; 16, 29, 30, 31, 32.				* Information not usually received.	
0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{2}$	6 = $\frac{6}{10}$	8 = Completely covered.	A = Lowest cloud present.	NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.			
1 = Trace	3 = $\frac{3}{10}$	5 = $\frac{5}{10}$	7 = More than 9 but with openings.	9 = Sky obscured by fog, etc.	B = Next lowest cloud.				







# GENERAL INFERENCE

A trough over England is moving slowly southeast. There will be showers in North and West Scotland, wintry on high ground, and also in North Ireland at first; it will be mainly fair in England and Wales but cloudy with local, very slight precipitation near the trough. There will be much mist with some fog in areas south of about the Humber-Mersey and fairly general fog is expected to develop tonight in this area. Mainly rather cold with some frost to-night in inland areas.

# FURTHER OUTLOOK

Little change at first; precipitation in west and north later.

Qak warning in operation in district 16. Time of issue 0830 G.M.T. 6.1.45.

## Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 6th January

1945.

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

## EXPLANATION OF CHART

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

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

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Saturday 6<sup>th</sup> January 1945

No. 30361

OBSERVATIONS at 00hr. G.M.T. 6 <sup>th</sup> January																	OBSERVATIONS at 06hr. G.M.T. 6 <sup>th</sup> January																	OBSERVATIONS during NIGHT				
District.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					State of Ground.	Weather.		Temperature		Rain.						
					Dir.	Force.				Weather.	Form.	Amount.		Height of Base Hundreds of feet.			Dir.	Force.				Weather.	Form.	Amount.		Height of Base Hundreds of feet.		18h.-00h.	00h.-06h.	Min. °F.	Min. on Grass °F.							
												Low.	Med.											High.	Total.						Low.		Med.	High.	Total.	Low.	Med.	High.
1	Kew	16	20.2	+2	WSW	4	30	28	4						19.3	-4	SW	2	28	28	4						3	bmf	cfm	28	14	-						
	Croydon	217	20.2	0	WS	1	30	28	4						19.3	-6	SW	2	20	27	5						3	bcb	cfm	27	22	-						
	Boscombe Down	417	20.2	+4	WNW	1	29	28	6						19.4	-6		0	32	31	5						3	bcb, bc	cfm, bcb	27	18	-						
	Thorney Island	10													19.4	-6	NNW	2	2	27	27	5						3	bcb	cfm	27	17	-					
	Friston																																					
2	Lympe	341	19.4	+6		0	27	27	5						19.5	+2	WNW	2	6	26	26	2						3	bmb	cfm	25	14	-					
	Manston	140	18.5	+2	WNW	3	33	29	5						18.1	0	WS	1	1	30	30	4						3	bmb	cfm	29	25	-					
	North Weald	244	17.4	+2	WNW	2	27	27	8						18.3	-8	W	1	1	27	27	3						4	bmb	cfm	26	23	-					
	Felixstowe	10	18.0	-2	WNW	3	31	29	4						18.2	-2	WNW	3	3	30	30	4						3	bmb	cfm	28	25	-					
	Gorleston	5	19.6	+12	E	2	31	27	7						17.1	0	W	2	3	30	26	4						3	bmb	cfm	28	25	-					
3	Mildenhall	15	18.3	+2	WNW	2	27	26	4						17.4	-8	W	1	1	27	26	4						4	bmb	cfm	26	18	-					
	Bircham Newton	221	17.7	-2	WSW	2	28	27	6						16.7	-6	S	2	2	27	27	1						4	bmb	cfm	25	18	-					
	Cranwell	203	17.4	-10	SW	1	28	27	3						15.9	-8	WSW	1	1	28	27	4						4	bmb	cfm	28	20	-					
	Cranfield	340	19.3	+4	SW	2	27	26	4						18.4	-2	SSW	1	1	28	27	6						3	bmb	cfm	27	16	-					
	Honiley	427	17.9	-2	SW	2	28	28	2						17.5	-10	SW	3	3	32	30	7						3	bmb	cfm	28	21	-					
4	Little Rissington	731	19.4	-2	WNW	3	31	29	6						18.0	-4	WSW	2	2	31	29	6						3	bmb	cfm	29	25	-					
	Shobden	318	19.5	-6	W	1	33	31	5						18.4	-2	W	1	1	33	31	5						1	bmb	cfm	31	26	-					
	Bristol	209	20.7	-2	W	2	32	30	6						19.2	-8	W	1	1	33	31	5						1	bmb	cfm	31	24	-					
	Chivenor	20	21.1	-6	WNW	2	33	30	8						18.4	-2	NNW	4	4	44	42	7						1	bmb	cfm	36	26	-					
	Yeovilton	50	20.7	0		0	27	27	6						18.8	-10	WS	1	1	35	34	6						0	bcb	cfm	25	18	-					
5	Portland Bill	32	20.5	+2	WNW	4	30	27	8						18.7	-16	WNW	3	3	42	40	8						1	bcb	cfm	38	26	-					
	Exeter	100	21.3	0	WNW	2	36	33	6						19.1	-12	WNW	1	1	37	34	6						1	bcb	cfm	38	26	-					
	Plymouth	86	22.1	-6		0	33	33	5						19.8	-12		0	37	37	6							1	bcb	cfm	38	26	-					
	St. Eval	345	22.7	-2	WNW	1	42	36	8						20.2	-2	NNW	4	4	45	41	6						1	bcb	cfm	38	26	-					
	The Lizard	240	22.3	-2	WNW	3	38	35	7						20.5	-8	WNW	4	4	46	46	7						1	bcb	cfm	36	26	-					
6	Scilly, St. Marys	163	22.6	-6	WNW	3	43	38	8						20.7	-8	WNW	5	5	47	45	8						1	bcb	cfm	41	26	-					
	Fairwood	268	20.7	-10		0	35	35	6						19.2	-2	NNW	1	1	37	37	6						1	bcb	cfm	31	26	-					
	Pembroke	142	20.2	+14	WSW	4	43	43	7						19.6	+4	WNW	4	4	45	45	8						1	bcb	cfm	41	26	-					
	Aberporth	425													19.1	0	WNW	4	4	41	40	7						1	bcb	cfm	39	26	-					
	Penrhos	63	18.0	-10	SW	2	41	41	6						18.6	+6	WNW	3	3	44	40	7						1	bcb	cfm	39	26	-					
7	Holyhead, Valley	32	18.6	-10	WSW	4	43	43	5						19.5	+6	WNW	3	3	43	41	6						1	bcb	cfm	40	26	-					
	Hawarden	15	18.1	-8	WNW	1	35	33	5						17.5	+2	W	2	2	42	40	6						1	bcb	cfm	31	26	-					
	Manchester	230	18.0	-10	WSW	3	31	31	5						17.0	+2	WNW	3	3	35	35	4						1	bmb	cfm	31	25	-					
	Squires Gate	30	17.1	-12	W	3	31	31	5						16.7	+2	NNW	3	3	43	40	6						1	bmb	cfm	31	25	-					
	Silloth	25	25.1	-14	S	4	40	38	6						16.4	+10	W	2	2	38	36	8						3	bcb	cfm	36	26	-					
8	Ashbourne	590	18.0	-10	WSW	1	28	27	3						17.0	-4	SSW	2	2	36	35	4						1	bmb	cfm	24	14	-					
	Snaith	30	17.2	-10	WSW	3	31	26	4						16.0	+2	WNW	4	4	33	32	4						3	bmb	cfm	28	18	-					
	Spurn Head	29	17.2	-2	WSW	3	32	29	6						15.1	-10	SSW	3	3	35	32	6						1	bmb	cfm	31	25	-					
	Leeming	105	18.3	-14	SSW	1	30	26	7						15.2	+2	W	1	1	34	32	7						3	bcb	cfm	30	25	-					
	Tynemouth	108	14.7	-8	W	3	36	31	5						15.5	+4	W	3	3	35	33	6						3	bcb	cfm	34	30	-					
9	Acklington	138	13.2	-14	WS	4	37	33	7						14.3	+7	WNW	3	3	37	32	7						5	bmb	cfm	32	25	-					
	St. Abb's Head	280	11.1	-10	W	4	41	37	7						12.3	+8	W	3	3	42	33	8						0	bmb	cfm	34	27	-					
	Leochars	31	12.1	-6	SW	2	37	34	6						13.8	+6	SW	1	1	37	32	7						5	bmb	cfm	33	27	-					
	Montrose	22	12.2	0	WSW	3	36	33	8						13.4	+8	WSW	3	3	37	32	8						4	bmb	cfm	33	26	-					
	Abbotsinch	19	13.4	-2	W	4	42	38	7						15.3	-6	WS	3	3	40	35	7						1	bmb	cfm	33	31	-					
10	Prestwick	30	14.8	-2	W	3	44	35	7						16.5	+6	WNW	2	2	40	37	8						1	bmb	cfm	33	31	-					
	West Freugh	53	15.7	-10	WNW																																	



CANCELLED

Page 1.

BRITISH  
SECTION

CONFIDENTIAL

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Sunday 7th January 1945  
No. 30362

SECTION OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

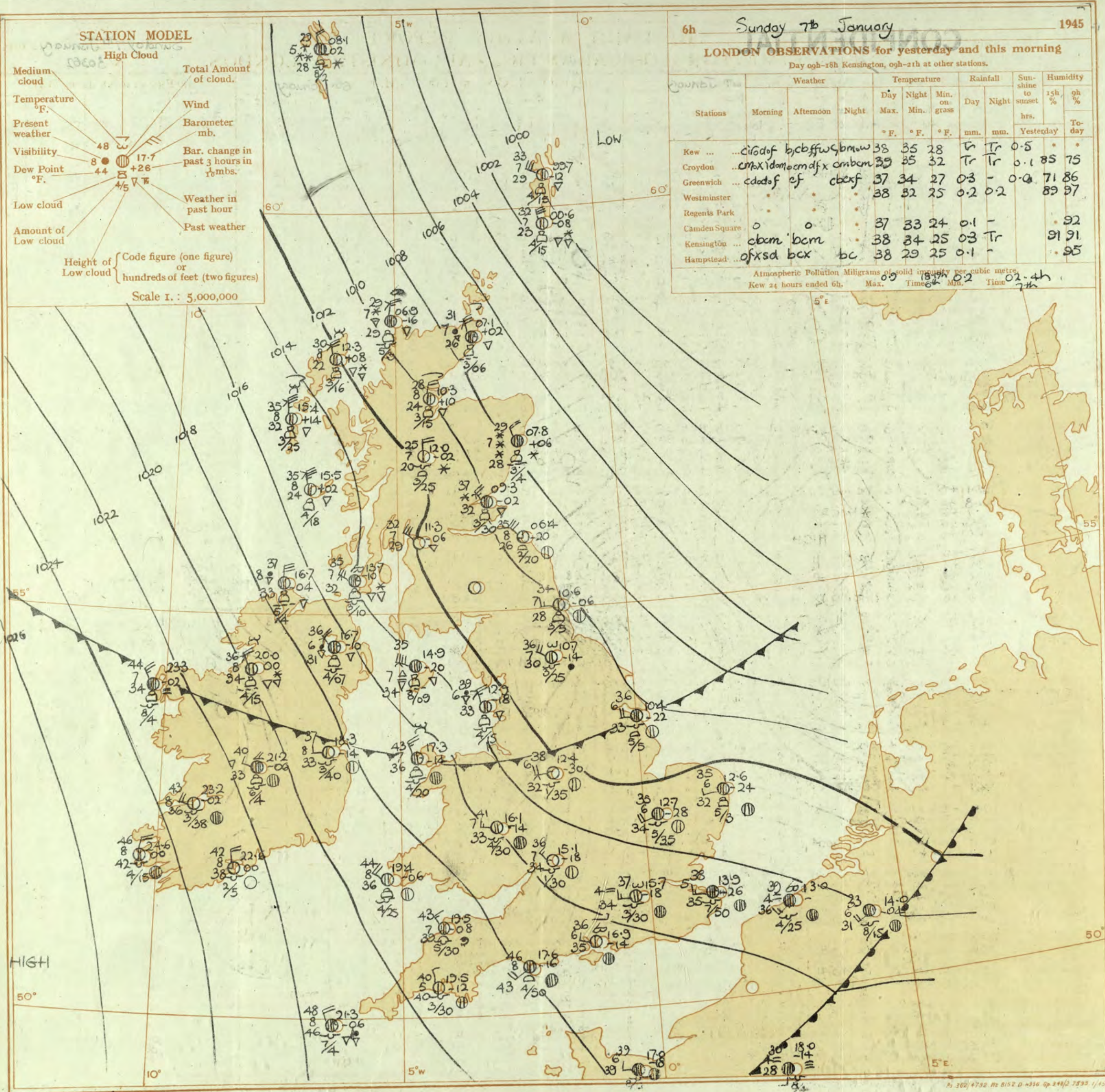
OBSERVATIONS at 12h. G.M.T. 6th January

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

OBSERVATIONS during DAY

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.				Height of Base in hundreds of feet.		State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. mm. (38)												
				Dir.	Force.					Form.	Amount.	Dir.	Force.			Form.	Amount.					A.	B.	A.	B.	A.	B.		06h.-12h. (34)	12h.-18h. (35)															
																																		Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	A.	B.	A.	B.
1	Kew	19.8	+4	SW	2	bc	36	33	2	-	-	-	19.7	+2	SW	2	bc	33	33	2	-	-	-	1	cir do	bcb	38	0.5	Tr																
	Croydon	19.9	+4	SW	2	bc	36	33	2	-	-	-	19.8	+2	SW	2	bc	34	32	2	-	-	-	1	cir do	bcb	39	0.1	Tr																
	Boscombe Down	20.4	+4	SW	2	bc	38	37	0	-	-	-	20.4	+0	SW	2	bc	37	37	0	-	-	-	1	cir do	bcb	41	0.4	Tr																
	Thorney Island	20.4	+2	SW	1	bc	36	35	3	-	-	-	20.3	+2	SW	3	bc	34	34	3	-	-	-	1	cir do	bcb	38	0.4	Tr																
	Friston	20.4	+2	SW	1	bc	36	35	3	-	-	-	20.3	+2	SW	3	bc	34	34	3	-	-	-	1	cir do	bcb	38	0.4	Tr																
	Lymington	19.6	-6	SW	2	bc	38	30	5	-	-	-	19.7	+0	SW	2	bc	34	33	5	-	-	-	1	cir do	bcb	37	1.6	-																
	Manston	19.2	-2	SW	2	bc	36	28	5	-	-	-	19.4	+2	SW	2	bc	34	32	5	-	-	-	1	cir do	bcb	38	1.5	-																
2	North Weald	19.7	+2	SW	2	bc	35	33	5	-	-	-	19.4	+2	SW	2	bc	34	32	5	-	-	-	1	cir do	bcb	37	0.0	0.2																
	Felixstowe	18.7	+2	SW	2	bc	35	32	5	-	-	-	18.8	+4	SW	2	bc	33	30	2	-	-	-	1	cir do	bcb	38	2.5	-																
	Corlestone	17.4	+2	SW	2	bc	34	31	4	-	-	-	16.8	+4	SW	2	bc	33	30	2	-	-	-	1	cir do	bcb	38	2.5	-																
	Mildenhall	18.4	+4	SW	2	bc	34	33	4	-	-	-	18.4	+0	SW	2	bc	35	33	3	-	-	-	4	cir do	bcb	39	2.7	0.4																
	Bircham Newton	17.3	+2	SW	2	bc	35	35	3	-	-	-	17.6	+0	SW	2	bc	37	34	3	-	-	-	4	cir do	bcb	38	2.2	1																
	Cranwell	18.1	+6	SW	2	bc	40	35	5	-	-	-	18.9	+2	SW	2	bc	35	32	4	-	-	-	3	cir do	bcb	42	3.6	-																
	Cranfield	19.3	+4	SW	3	bc	36	34	5	-	-	-	19.1	+2	SW	3	bc	35	32	4	-	-	-	3	cir do	bcb	38	0.0	-																
	Honiley	19.3	+4	SW	3	bc	36	34	5	-	-	-	19.1	+2	SW	3	bc	35	32	4	-	-	-	3	cir do	bcb	41	0.0	-																
4	Little Rissington	19.4	-2	SW	3	bc	39	35	5	-	-	-	19.3	+0	SW	2	bc	38	33	6	-	-	-	1	cir do	bcb	40	0.0	-																
	Shobden	20.6	+2	SW	3	bc	43	37	5	-	-	-	20.5	+2	SW	3	bc	38	34	7	-	-	-	1	cir do	bcb	45	1.0	Tr																
5	Bristol	20.9	+2	SW	3	bc	42	37	5	-	-	-	21.1	+2	SW	3	bc	38	35	4	-	-	-	1	cir do	bcb	46	1.0	Tr																
	Chivenor	21.8	+8	SW	3	bc	45	42	7	-	-	-	21.8	+6	SW	3	bc	43	42	7	-	-	-	1	cir do	bcb	44	0.0	-																
	Yeovilton	20.9	+10	SW	3	bc	39	39	4	-	-	-	20.5	+0	SW	3	bc	35	35	3	-	-	-	1	cir do	bcb	44	0.0	-																
	Portland Bill	20.2	+10	SW	3	bc	43	41	8	-	-	-	20.2	+2	SW	3	bc	43	41	8	-	-	-	1	cir do	bcb	45	0.0	-																
	Exeter	20.9	+4	SW	3	bc	46	37	7	-	-	-	21.6	+6	SW	3	bc	44	40	7	-	-	-	1	cir do	bcb	47	0.0	-																
	Plymouth	21.8	+2	SW	3	bc	44	41	7	-	-	-	22.4	+6	SW	3	bc	44	40	7	-	-	-	1	cir do	bcb	47	0.0	-																
	St. Eval	22.4	+6	SW	3	bc	46	42	7	-	-	-	22.7	+6	SW	3	bc	44	42	7	-	-	-	1	cir do	bcb	49	3.4	-																
	The Lizard	22.4	+8	SW	3	bc	47	43	7	-	-	-	23.1	+4	SW	3	bc	44	42	7	-	-	-	1	cir do	bcb	49	3.4	-																
6	Scilly, St. Marys	23.1	+6	SW	4	bc	48	30	8	-	-	-	23.1	+2	SW	4	bc	46	40	8	-	-	-	1	cir do	bcb	47	0.0	-																
	Fairwood	21.8	+4	SW	3	bc	46	42	7	-	-	-	21.7	+4	SW	3	bc	46	42	7	-	-	-	1	cir do	bcb	47	0.0	-																
	Pembroke	22.1	+6	SW	3	bc	46	42	7	-	-	-	21.7	+4	SW	3	bc	46	42	7	-	-	-	1	cir do	bcb	47	0.0	-																
	Aberporth	21.6	+6	SW	3	bc	46	42	7	-	-	-	21.9	+4	SW	3	bc	46	42	7	-	-	-	1	cir do	bcb	47	0.0	-																
	Penrhos	20.6	+6	SW	3	bc	46	42	7	-	-	-	21.8	+4	SW	3	bc	46	42	7	-	-	-	1	cir do	bcb	47	0.0	-																
	Holyhead, Valley	21.0	+6	SW	3	bc	45	42	7	-	-	-	21.0	+2	SW	3	bc	45	42	7	-	-	-	1	cir do	bcb	46	0.5	-																
	Hawarden	19.6	+4	SW	3	bc	45	41	6	-	-	-	19.6	+2	SW	3	bc	45	41	6	-	-	-	1	cir do	bcb	46	0.5	-																
8	Manchester	19.2	+4	SW	3	bc	37	37	6	-	-	-	18.2	+2	SW	3	bc	43	40	6	-	-	-	1	cir do	bcb	45	0.0	-																
	Squires Gate	19.4	+2	SW	3	bc	44	41	6	-	-	-	17.8	+2	SW	3	bc	43	40	6	-	-	-	1	cir do	bcb	45	0.0	-																
	Silloth	18.0	+6	SW	3	bc	44	41	6	-	-	-	15.9	+6	SW	3	bc	43	40	6	-	-	-	1	cir do	bcb	44	0.0	-																
9	Ashbourne	18.9	+2	SW	3	bc	39	36	5	-	-	-	18.4	+2	SW	3	bc	38	35	5	-	-	-	1	cir do	bcb	40	0.0	-																
	Snaith	18.1	+0	SW	3	bc	39	33	5	-	-	-	17.4	+6	SW	3	bc	38	36	5	-	-	-	1	cir do	bcb	40	0.0	-																
10	Spurn Head	17.0	+4	SW	3	bc	38	34	5	-	-	-	15.8	+6	SW	3	bc	40	34	5	-	-	-	1	cir do	bcb	40	0.0	-																
	Leeming	17.4	+4	SW	3	bc	38	34	5	-	-	-	15.8	+6	SW	3	bc	40	34	5	-	-	-	1	cir do	bcb	40	0.0	-																
	Tynemouth	17.0	-4	SW	3	bc	38	35	4	-	-	-	15.5	+10	SW	3	bc	40	35	4	-	-	-	1	cir do	bcb	41	0.0	-																
	Acklington	16.1	+6	SW	4	bc	39	30	7	-	-	-	13.3	+16	SW	4	bc	37	34	6	-	-	-	5	bcb	bcb	41	0.0	-																
	St. Abb's Head	15.0	+4	SW	3	bc	42	34	5	-	-	-	10.1	+22	SW	3	bc	39	34	5	-	-	-	4	bcb	bcb	42	0.0	-																
	Leuchars	14.5	+8	SW	3	bc	40	33	5	-	-	-	10.6	+18	SW	3	bc	37	34	5	-	-	-	4	bcb	bcb	43	0.0	-																
	Montrose	14.2	-2	SW	3	bc	40	33	5	-	-	-	10.6	+18	SW	3	bc	37	34	5	-	-	-	4	bcb	bcb	43	0.0	-																
	Abbotsinch	16.1	-2	SW	3	bc	43	39	7	-	-	-	14.0	+6	SW	4	bc	42	38	7	-	-	-	1	bcb	bcb	45	2.0	0.5																
	Prestwick	17.1	-2	SW	4	bc	46	38	7	-	-	-	15.1	+6	SW																														





6h Sunday 7th January 1945

# 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 Max.	Night Min.	Min. on grass	Day mm.	Night mm.	hrs.	15h %	9h %
Kew ...	...	...	...	38	35	28	Tr	Tr	0.5	...	...
Croydon ...	...	...	...	39	35	32	Tr	Tr	0.1	85	75
Greenwich ...	...	...	...	37	34	27	0.3	-	0.4	71	86
Westminster	...	...	...	38	32	25	0.2	0.2	...	89	97
Regent's Park	...	...	...	...	...	...	...	...	...	...	...
Camden Square	...	...	...	37	33	24	0.1	-	...	...	92
Kensington ...	...	...	...	38	34	25	0.3	Tr	...	91	91
Hampstead ...	...	...	...	38	29	25	0.1	-	...	...	95

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 6h. Max. Time 18.2h Min. Time 02.4h



# GENERAL INFERENCE

A trough over England is moving southeast and a cold, unstable north-west to north stream veering towards northeast later will extend to whole British Isles. There will be some precipitation near the trough, but otherwise weather will be showery with good fair periods in sheltered inland areas; showers will occur most frequently in north and west districts at first but will extend to eastern areas later; moderate falls of snow are likely in North and East Scotland and on high ground in North Wales and slight falls will occur in many other districts, particularly on the east side of England, later. It will be very odd. Winds will be strong, northwesterly, reaching gale force locally and will veer slowly.

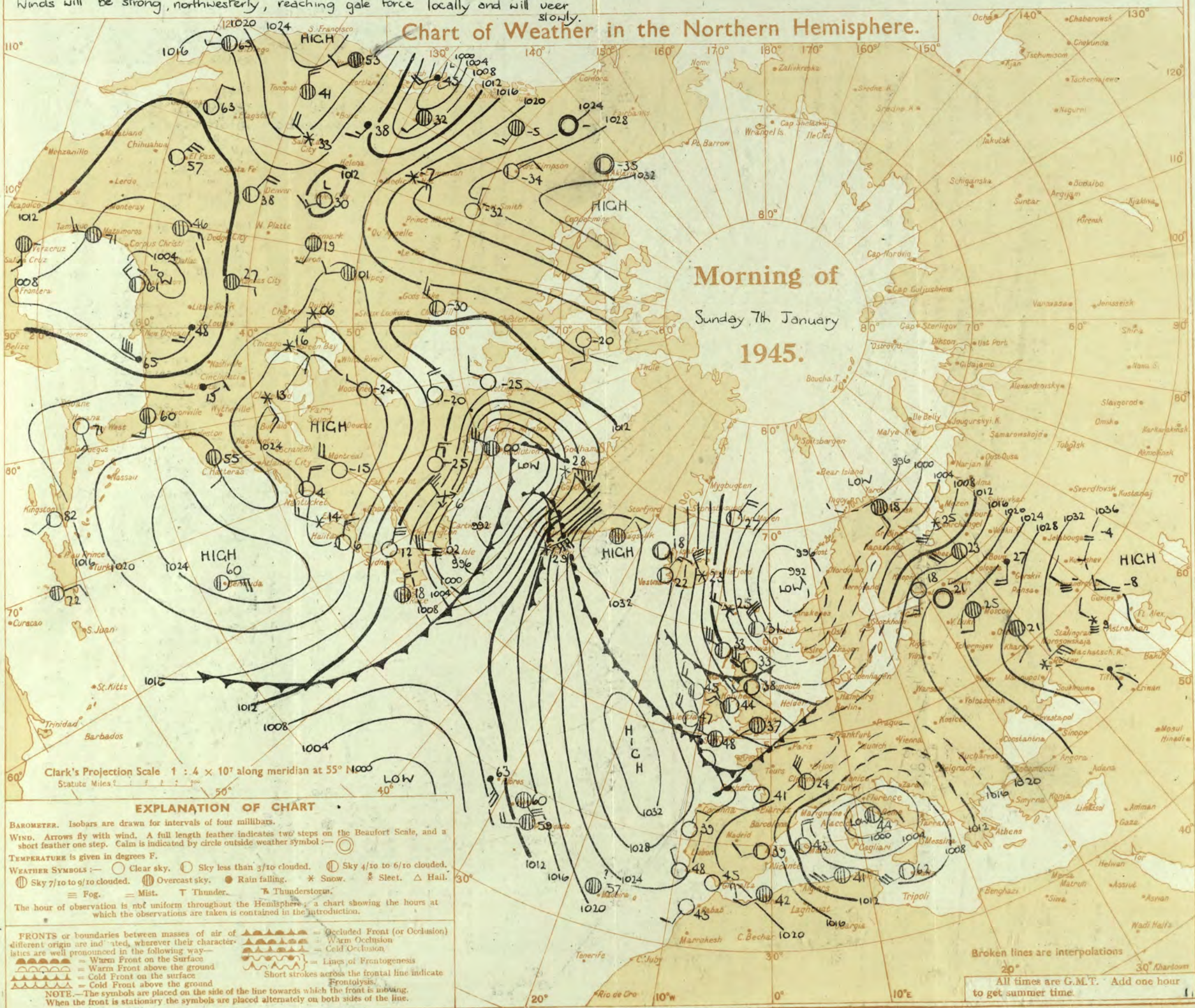
# FURTHER OUTLOOK

Wintry weather continuing all areas with fairly frequent showers extending to all eastern districts.

↑ Gale warning in operation in districts 11, 12, 13A, 13B, 14, 15 & 16, issued at 1610 G.M.T. 6.1.44, and in districts 8, 9, 10, 17 & 18 at 0740 G.M.T. 7.1.44.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 7th January  
1945.





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

Sunday 7th January 1945

[illegible]
$$0 = \text{Nil}$$
$$2 = \frac{1}{\frac{1}{2}}$$
$$4 = \frac{1}{\frac{1}{4}}$$
$$= \frac{9}{25}$$

37-41

 $8 = 6$ 

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Page 1.

BRITISH  
SECTION

CONFIDENTIAL

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

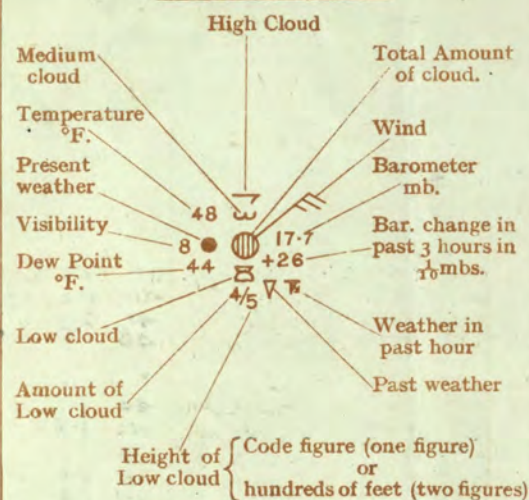
Monday 8th January 1945

No. 30363.

OBSERVATIONS at 12h. G.M.T. 7th January																	OBSERVATIONS at 18h. G.M.T. 7th January																	OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F.) (6)	Dew Point (°F.) (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (°F.) (22)	Dew Point. (°F.) (23)	Visibility. (24)	Cloud.				Barom. at M.S.L. (31)	Change in 3 hours. (32)	Wind.		Weather. (35)	Temp. (°F.) (36)	Dew Point. (°F.) (37)	Visibility. (38)	Cloud.				Barom. at M.S.L. (41)	Change in 3 hours. (42)	Wind.		Weather. (45)	Temp. (°F.) (46)	Dew Point. (°F.) (47)	Visibility. (48)	Cloud.				Barom. at M.S.L. (51)	Change in 3 hours. (52)	Wind.		Weather. (55)	Temp. (°F.) (56)	Dew Point. (°F.) (57)	Visibility. (58)	Cloud.				Barom. at M.S.L. (61)	Change in 3 hours. (62)	Wind.		Weather. (65)	Temp. (°F.) (66)	Dew Point. (°F.) (67)	Visibility. (68)	Cloud.				Barom. at M.S.L. (71)	Change in 3 hours. (72)	Wind.		Weather. (75)	Temp. (°F.) (76)	Dew Point. (°F.) (77)	Visibility. (78)	Cloud.				Barom. at M.S.L. (81)	Change in 3 hours. (82)	Wind.		Weather. (85)	Temp. (°F.) (86)	Dew Point. (°F.) (87)	Visibility. (88)	Cloud.				Barom. at M.S.L. (91)	Change in 3 hours. (92)	Wind.		Weather. (95)	Temp. (°F.) (96)	Dew Point. (°F.) (97)	Visibility. (98)	Cloud.				Barom. at M.S.L. (101)	Change in 3 hours. (102)	Wind.		Weather. (105)	Temp. (°F.) (106)	Dew Point. (°F.) (107)	Visibility. (108)	Cloud.				Barom. at M.S.L. (111)	Change in 3 hours. (112)	Wind.		Weather. (115)	Temp. (°F.) (116)	Dew Point. (°F.) (117)	Visibility. (118)	Cloud.				Barom. at M.S.L. (121)	Change in 3 hours. (122)	Wind.		Weather. (125)	Temp. (°F.) (126)	Dew Point. (°F.) (127)	Visibility. (128)	Cloud.				Barom. at M.S.L. (131)	Change in 3 hours. (132)	Wind.		Weather. (135)	Temp. (°F.) (136)	Dew Point. (°F.) (137)	Visibility. (138)	Cloud.				Barom. at M.S.L. (141)	Change in 3 hours. (142)	Wind.		Weather. (145)	Temp. (°F.) (146)	Dew Point. (°F.) (147)	Visibility. (148)	Cloud.				Barom. at M.S.L. (151)	Change in 3 hours. (152)	Wind.		Weather. (155)	Temp. (°F.) (156)	Dew Point. (°F.) (157)	Visibility. (158)	Cloud.				Barom. at M.S.L. (161)	Change in 3 hours. (162)	Wind.		Weather. (165)	Temp. (°F.) (166)	Dew Point. (°F.) (167)	Visibility. (168)	Cloud.				Barom. at M.S.L. (171)	Change in 3 hours. (172)	Wind.		Weather. (175)	Temp. (°F.) (176)	Dew Point. (°F.) (177)	Visibility. (178)	Cloud.				Barom. at M.S.L. (181)	Change in 3 hours. (182)	Wind.		Weather. (185)	Temp. (°F.) (186)	Dew Point. (°F.) (187)	Visibility. (188)	Cloud.				Barom. at M.S.L. (191)	Change in 3 hours. (192)	Wind.		Weather. (195)	Temp. (°F.) (196)	Dew Point. (°F.) (197)	Visibility. (198)	Cloud.				Barom. at M.S.L. (201)	Change in 3 hours. (202)	Wind.		Weather. (205)	Temp. (°F.) (206)	Dew Point. (°F.) (207)	Visibility. (208)	Cloud.				Barom. at M.S.L. (211)	Change in 3 hours. (212)	Wind.		Weather. (215)	Temp. (°F.) (216)	Dew Point. (°F.) (217)	Visibility. (218)	Cloud.				Barom. at M.S.L. (221)	Change in 3 hours. (222)	Wind.		Weather. (225)	Temp. (°F.) (226)	Dew Point. (°F.) (227)	Visibility. (228)	Cloud.				Barom. at M.S.L. (231)	Change in 3 hours. (232)	Wind.		Weather. (235)	Temp. (°F.) (236)	Dew Point. (°F.) (237)	Visibility. (238)	Cloud.				Barom. at M.S.L. (241)	Change in 3 hours. (242)	Wind.		Weather. (245)	Temp. (°F.) (246)	Dew Point. (°F.) (247)	Visibility. (248)	Cloud.				Barom. at M.S.L. (251)	Change in 3 hours. (252)	Wind.		Weather. (255)	Temp. (°F.) (256)	Dew Point. (°F.) (257)	Visibility. (258)	Cloud.				Barom. at M.S.L. (261)	Change in 3 hours. (262)	Wind.		Weather. (265)	Temp. (°F.) (266)	Dew Point. (°F.) (267)	Visibility. (268)	Cloud.				Barom. at M.S.L. (271)	Change in 3 hours. (272)	Wind.		Weather. (275)	Temp. (°F.) (276)	Dew Point. (°F.) (277)	Visibility. (278)	Cloud.				Barom. at M.S.L. (281)	Change in 3 hours. (282)	Wind.		Weather. (285)	Temp. (°F.) (286)	Dew Point. (°F.) (287)	Visibility. (288)	Cloud.				Barom. at M.S.L. (291)	Change in 3 hours. (292)	Wind.		Weather. (295)	Temp. (°F.) (296)	Dew Point. (°F.) (297)	Visibility. (298)	Cloud.				Barom. at M.S.L. (301)	Change in 3 hours. (302)	Wind.		Weather. (305)	Temp. (°F.) (306)	Dew Point. (°F.) (307)	Visibility. (308)	Cloud.				Barom. at M.S.L. (311)	Change in 3 hours. (312)	Wind.		Weather. (315)	Temp. (°F.) (316)	Dew Point. (°F.) (317)	Visibility. (318)	Cloud.				Barom. at M.S.L. (321)	Change in 3 hours. (322)	Wind.		Weather. (325)	Temp. (°F.) (326)	Dew Point. (°F.) (327)	Visibility. (328)	Cloud.				Barom. at M.S.L. (331)	Change in 3 hours. (332)	Wind.		Weather. (335)	Temp. (°F.) (336)	Dew Point. (°F.) (337)	Visibility. (338)	Cloud.				Barom. at M.S.L. (341)	Change in 3 hours. (342)	Wind.		Weather. (345)	Temp. (°F.) (346)	Dew Point. (°F.) (347)	Visibility. (348)	Cloud.				Barom. at M.S.L. (351)	Change in 3 hours. (352)	Wind.		Weather. (355)	Temp. (°F.) (356)	Dew Point. (°F.) (357)	Visibility. (358)	Cloud.				Barom. at M.S.L. (361)	Change in 3 hours. (362)	Wind.		Weather. (365)	Temp. (°F.) (366)	Dew Point. (°F.) (367)	Visibility. (368)	Cloud.				Barom. at M.S.L. (371)	Change in 3 hours. (372)	Wind.		Weather. (375)	Temp. (°F.) (376)	Dew Point. (°F.) (377)	Visibility. (378)	Cloud.				Barom. at M.S.L. (381)	Change in 3 hours. (382)	Wind.		Weather. (385)	Temp. (°F.) (386)	Dew Point. (°F.) (387)	Visibility. (388)	Cloud.				Barom. at M.S.L. (391)	Change in 3 hours. (392)	Wind.		Weather. (395)	Temp. (°F.) (396)	Dew Point. (°F.) (397)	Visibility. (398)	Cloud.				Barom. at M.S.L. (401)	Change in 3 hours. (402)	Wind.		Weather. (405)	Temp. (°F.) (406)	Dew Point. (°F.) (407)	Visibility. (408)	Cloud.				Barom. at M.S.L. (411)	Change in 3 hours. (412)	Wind.		Weather. (415)	Temp. (°F.) (416)	Dew Point. (°F.) (417)	Visibility. (418)	Cloud.				Barom. at M.S.L. (421)	Change in 3 hours. (422)	Wind.		Weather. (425)	Temp. (°F.) (426)	Dew Point. (°F.) (427)	Visibility. (428)	Cloud.				Barom. at M.S.L. (431)	Change in 3 hours. (432)	Wind.		Weather. (435)	Temp. (°F.) (436)	Dew Point. (°F.) (437)	Visibility. (438)	Cloud.				Barom. at M.S.L. (441)	Change in 3 hours. (442)	Wind.		Weather. (445)	Temp. (°F.) (446)	Dew Point. (°F.) (447)	Visibility. (448)	Cloud.				Barom. at M.S.L. (451)	Change in 3 hours. (452)	Wind.		Weather. (455)	Temp. (°F.) (456)	Dew Point. (°F.) (457)	Visibility. (458)	Cloud.				Barom. at M.S.L. (461)	Change in 3 hours. (462)	Wind.		Weather. (465)	Temp. (°F.) (466)	Dew Point. (°F.) (467)	Visibility. (468)	Cloud.				Barom. at M.S.L. (471)	Change in 3 hours. (472)	Wind.		Weather. (475)	Temp. (°F.) (476)	Dew Point. (°F.) (477)	Visibility. (478)	Cloud.				Barom. at M.S.L. (481)	Change in 3 hours. (482)	Wind.		Weather. (485)	Temp. (°F.) (486)	Dew Point. (°F.) (487)	Visibility. (488)	Cloud.				Barom. at M.S.L. (491)	Change in 3 hours. (492)	Wind.		Weather. (495)	Temp. (°F.) (496)	Dew Point. (°F.) (497)	Visibility. (498)	Cloud.				Barom. at M.S.L. (501)	Change in 3 hours. (502)	Wind.		Weather. (505)	Temp. (°F.) (506)	Dew Point. (°F.) (507)	Visibility. (508)	Cloud.				Barom. at M.S.L. (511)	Change in 3 hours. (512)	Wind.		Weather. (515)	Temp. (°F.) (516)	Dew Point. (°F.) (517)	Visibility. (518)	Cloud.				Barom. at M.S.L. (521)	Change in 3 hours. (522)	Wind.		Weather. (525)	Temp. (°F.) (526)	Dew Point. (°F.) (527)	Visibility. (528)	Cloud.				Barom. at M.S.L. (531)	Change in 3 hours. (532)	Wind.		Weather. (535)	Temp. (°F.) (536)	Dew Point. (°F.) (537)	Visibility. (538)	Cloud.				Barom. at M.S.L. (541)	Change in 3 hours. (542)	Wind.		Weather. (545)	Temp. (°F.) (546)	Dew Point. (°F.) (547)	Visibility. (548)	Cloud.				Barom. at M.S.L. (551)	Change in 3 hours. (552)	Wind.		Weather. (555)	Temp. (°F.) (556)	Dew Point. (°F.) (557)	Visibility. (558)	Cloud.				Barom. at M.S.L. (561)	Change in 3 hours. (562)	Wind.		Weather. (565)	Temp. (°F.) (566)	Dew Point. (°F.) (567)	Visibility. (568)	Cloud.				Barom. at M.S.L. (571)	Change in 3 hours. (572)	Wind.		Weather. (575)	Temp. (°F.) (576)	Dew Point. (°F.) (577)	Visibility. (578)	Cloud.				Barom. at M.S.L. (581)	Change in 3 hours. (582)	Wind.		Weather. (585)	Temp. (°F.) (586)	Dew Point. (°F.) (587)	Visibility. (588)	Cloud.				Barom. at M.S.L. (591)	Change in 3 hours. (592)	Wind.		Weather. (595)	Temp. (°F.) (596)	Dew Point. (°F.) (597)	Visibility. (598)	Cloud.				Barom. at M.S.L. (601)	Change in 3 hours. (602)	Wind.		Weather. (605)	Temp. (°F.) (606)	Dew Point. (°F.) (607)	Visibility. (608)	Cloud.				Barom. at M.S.L. (611)	Change in 3 hours. (612)	Wind.		Weather. (615)	Temp. (°F.) (616)	Dew Point. (°F.) (617)	Visibility. (618)	Cloud.				Barom. at M.S.L. (621)	Change in 3 hours. (622)	Wind.		Weather. (625)	Temp. (°F.) (626)	Dew Point. (°F.) (627)	Visibility. (628)	Cloud.				Barom. at M.S.L. (631)	Change in 3 hours. (632)	Wind.		Weather. (635)	Temp. (°F.) (636)	Dew Point. (°F.) (637)	Visibility. (638)	Cloud.				Barom. at M.S.L. (641)	Change in 3 hours. (642)	Wind.		Weather. (645)	Temp. (°F.) (646)	Dew Point. (°F.) (647)	Visibility. (648)	Cloud.				Barom. at M.S.L. (651)	Change in 3 hours. (652)	Wind.		Weather. (655)	Temp. (°F.) (656)	Dew Point. (°F.) (657)	Visibility. (658)	Cloud.				Barom. at M.S.L. (661)	Change in 3 hours. (662)	Wind.		Weather. (665)	Temp. (°F.) (666)	Dew Point. (°F.) (667)	Visibility. (668)	Cloud.				Barom. at M.S.L. (671)	Change in 3 hours. (672)	Wind.		Weather. (675)	Temp. (°F.) (676)	Dew Point. (°F.) (677)	Visibility. (678)	Cloud.				Barom. at M.S.L. (681)	Change in 3 hours. (682)	Wind.		Weather. (685)	Temp. (°F.) (686)	Dew Point. (°F.) (687)	Visibility. (688)	Cloud.				Barom. at M.S.L. (691)	Change in 3 hours. (692)	Wind.		Weather. (695)	Temp. (°F.) (696)	Dew Point. (°F.) (697)	Visibility. (698)	Cloud.				Barom. at M.S.L. (701)	Change in 3 hours. (702)	Wind.		Weather. (705)	Temp. (°F.) (706)	Dew Point. (°F.) (707)	Visibility. (708)	Cloud.				Barom. at M.S.L. (711)	Change in 3 hours. (712)	Wind.		Weather. (715)	Temp. (°F.) (716)	Dew Point. (°F.) (717)	Visibility. (718)	Cloud.				Barom. at M.S.L. (721)	Change in 3 hours. (722)	Wind.		Weather. (725)	Temp. (°F.) (726)	Dew Point. (°F.) (727)	Visibility. (728)	Cloud.				Barom. at M.S.L. (731)	Change in 3 hours. (732)	Wind.		Weather. (735)	Temp. (°F.) (736)	Dew Point. (°F.) (737)	Visibility. (738)	Cloud.				Barom. at M.S.L. (741)	Change in 3 hours. (742)	Wind.		Weather. (745)	Temp. (°F.) (746)	Dew Point. (°F.) (747)	Visibility. (748)	Cloud.				Barom. at M.S.L. (751)	Change in 3 hours. (752)	Wind.		Weather. (755)	Temp. (°F.) (756)	Dew Point. (°F.) (757)	Visibility. (758)	Cloud.				Barom. at M.S.L. (761)	Change in 3 hours. (762)	Wind.		Weather. (765)	Temp. (°F.) (766)	Dew Point. (°F.) (767)	Visibility. (768)	Cloud.				Barom. at M.S.L. (771)	Change in 3 hours. (772)	Wind.		Weather. (775)	Temp. (°F.) (776)	Dew Point. (°F.) (777)	Visibility. (778)	Cloud.				Barom. at M.S.L. (781)	Change in 3 hours. (782)	Wind.		Weather. (785)	Temp. (°F.) (786)	Dew Point. (°F.) (787)	Visibility. (788)	Cloud.				Barom. at M.S.L. (791)	Change in 3 hours. (792)	Wind.		Weather. (795)	Temp. (°F.) (796)	Dew Point. (°F.) (797)	Visibility. (798)	Cloud.				Barom. at M.S.L. (801)	Change in 3 hours. (802)	Wind.		Weather. (805)	Temp. (°F.) (806)	Dew Point. (°F.) (807)	Visibility. (808)	Cloud.				Barom. at M.S.L. (811)	Change in 3 hours. (812)	Wind.		Weather. (815)	Temp. (°F.) (816)	Dew Point. (°F.) (817)	Visibility. (818)	Cloud.				Barom. at M.S.L. (821)	Change in 3 hours. (822)	Wind.		Weather. (825)	Temp. (°F.) (826)	Dew Point. (°F.) (827)	Visibility. (828)	Cloud.				Barom. at M.S.L. (831)	Change in 3 hours. (832)	Wind.		Weather. (835)	Temp. (°F.) (836)	Dew Point. (°F.) (837)	Visibility. (838)	Cloud.				Barom. at M.S.L. (841)	Change in 3 hours. (842)	Wind.		Weather. (845)	Temp. (°F.) (846)	Dew Point. (°F.) (847)	Visibility. (848)	Cloud.				Barom. at M.S.L. (851)	Change in 3 hours. (852)	Wind.		Weather. (855)	Temp. (°F.) (856)	Dew Point. (°F.) (857)	Visibility. (858)	Cloud.				Barom. at



# STATION MODEL



6h Monday 8th January

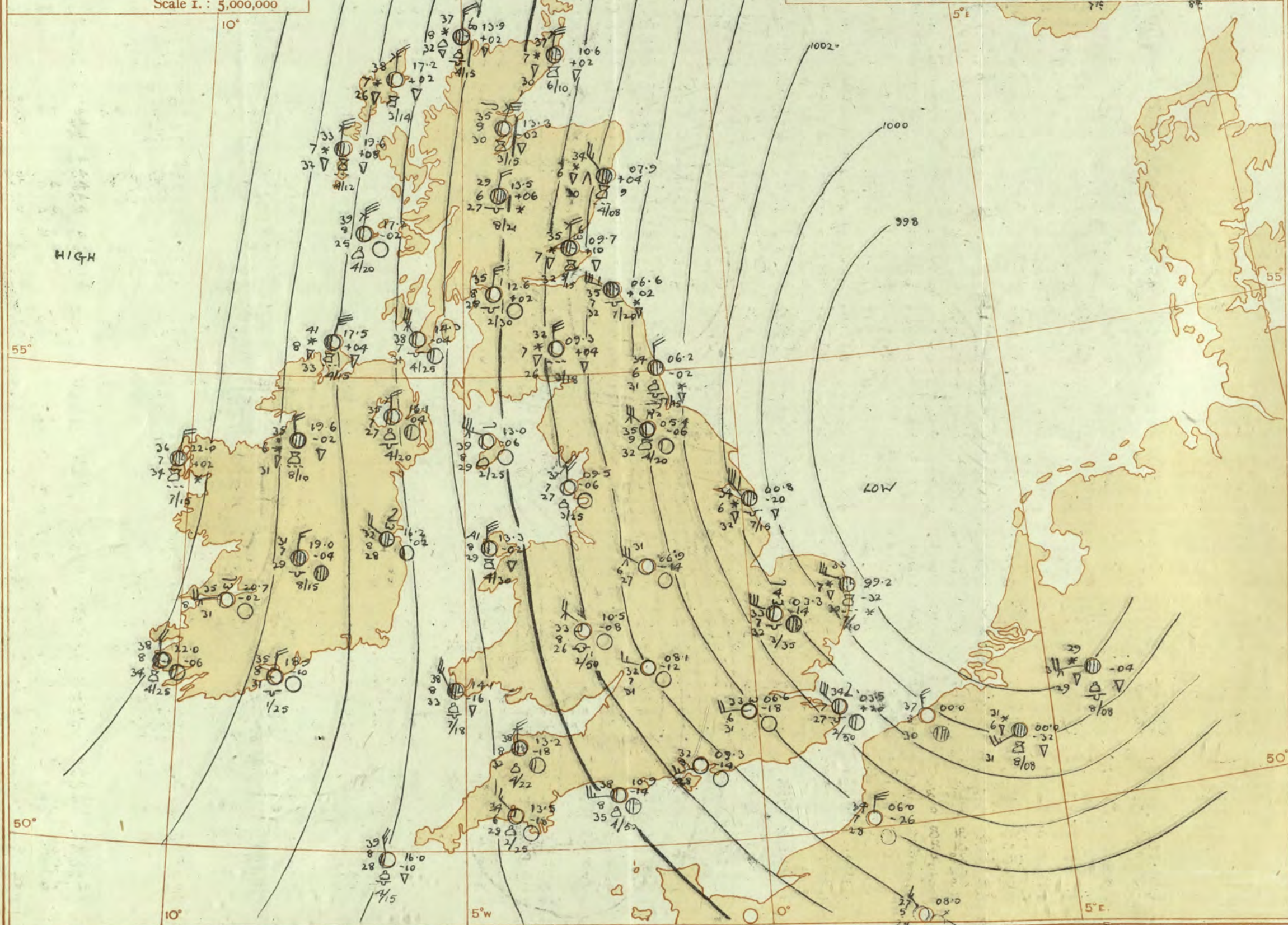
1945

## 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	Night	Min. on grass	Day	Night		15h %	9h %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To-day
Kew ...	cmjxaricg	bsbz	beesbe	39	31	24	0.3	-	1.0	-	-
Croydon ...	bmjxaricg	bsbz	beesbe	40	29	28	0.4	-	1.2	65	65
Greenwich ...	civ	ct/csb	beb	39	20	27	1.8	-	0.2	70	75
Westminster	.	.	.	39	31	25	0.7	-	-	63	73
Regents Park	.	.	.	39	31	27	1.4	-	-	60	70
Camden Square	civ	b	.	38	31	27	1.5	-	-	-	74
Kensington ...	bepr	bc	.	39	31	26	0.5	Tr	-	77	73
Hampstead ...	bcovs	bc	bcx	36	29	23	1.3	-	-	-	87

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.3 Time 5.10h Min. 0.1 Time 0.6h.





# GENERAL INFERENCE

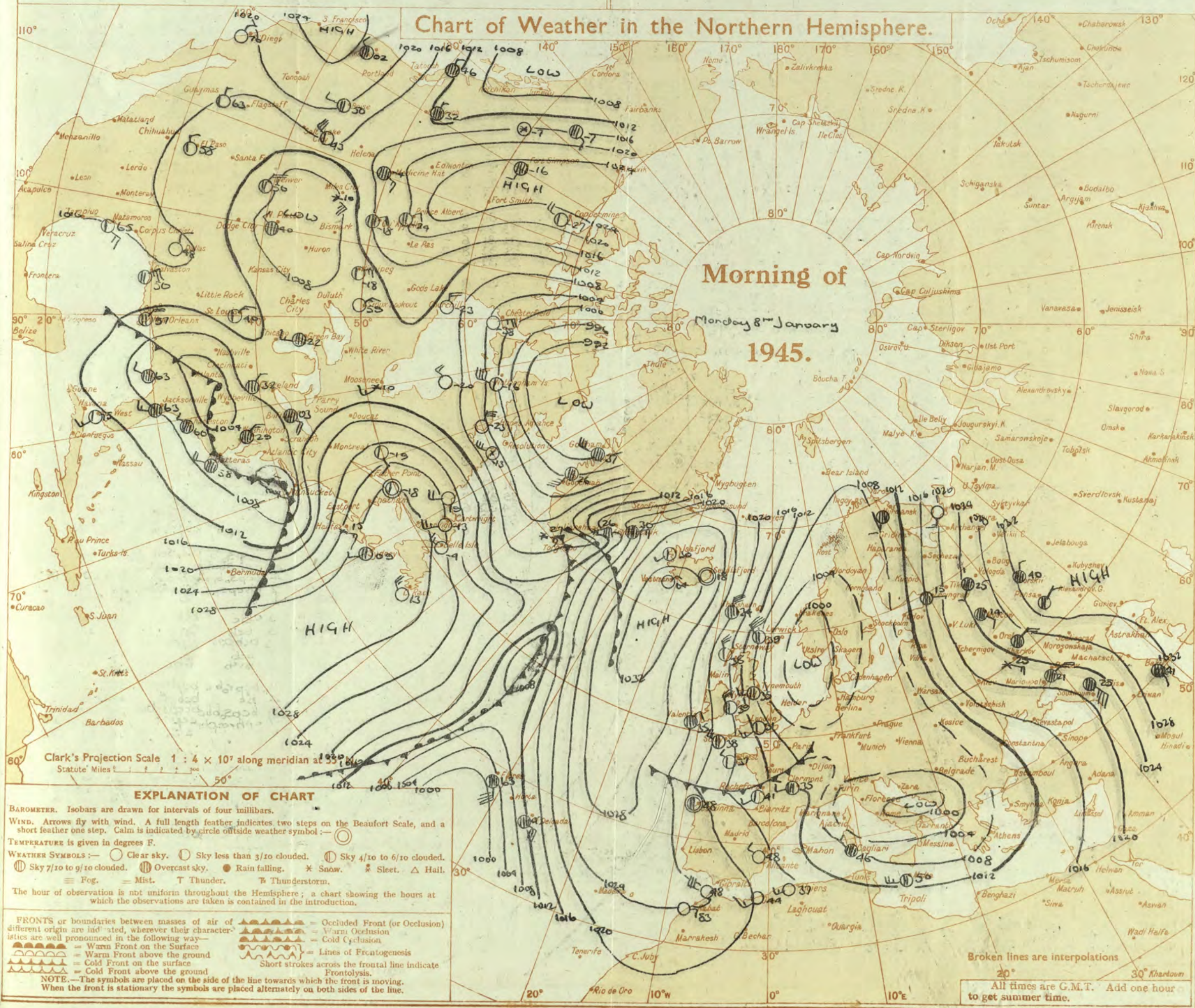
Pressure will continue high to the West of the British Isles, and a depression centred over the Southern North Sea is moving south. There will be rather frequent snow showers in North and East Scotland and the eastern half of England. There will be scattered snow showers in western coastal districts of Great Britain and over Ireland. Weather will be fair elsewhere. It will be very cold generally. There will be strong to gale northerly winds in eastern districts, and at first in the Irish Sea area.

# FURTHER OUTLOOK

Mainly fair in the West. Wintry showers in the East.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 8<sup>th</sup> January  
1945.





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

Monday 8th January 1945

No. 30363

OBSERVATIONS at 06hr. G.M.T. 8th January																	OBSERVATIONS at 06hr. G.M.T. 8th January																	OBSERVATIONS during NIGHT				
DISTRICT.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			State of Ground.	Weather.		Temperature		Rain										
					Dir.	Force				Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force				Form.	Amount.	Height of Base Hundreds of feet.		18h.-00h.	00h.-06h.	Min. 21h.-00h.	Max. 21h.-00h.											
					Low.	Med.				High.	A.	B.			A.	B.				Low.	Med.	High.		A.	B.	Low.	Med.	High.	A.	B.	Min.	Max.						
1	Kew	16	10.0	-16	W	3	31	29	5	0	0	0	06.0	-20	WNN	4	34	28	6	0	0	0	8	bcc	ss	29	24	-										
	Croydon	217	10.0	-16	W	3	31	29	5	0	0	0	06.6	-18	WNN	4	34	28	6	0	0	0	8	bcc	ss	29	24	-										
	Boscombe Down	417	12.1	-12	WNNW	4	30	29	7	0	0	0	10.1	-10	WNN	4	30	28	7	0	0	0	8	bcc	ss	29	24	-										
	Thorney Island	10	12.0	-14	WNN	3	30	26	7	0	0	0	09.3	-14	WNN	3	32	28	8	0	0	0	4	bcc	ss	29	24	-										
2	Lympe	341	09.2	-18	WNN	3	29	26	4	0	0	0	05.0	-14	WNN	4	29	28	6	2	4	3	8	bcc	ss	29	24	-										
	Manston	140	07.4	-18	WNN	4	32	29	7	0	0	0	03.5	+20	WNN	6	34	27	7	5	5	6	4	bcc	ss	29	24	-										
	North Weald	244	09.0	-10	WNN	4	30	28	6	0	0	0	04.6	-20	WNN	6	34	28	7	5	5	6	4	bcc	ss	29	24	-										
	Felixstowe	10	06.6	-18	WNN	4	32	28	6	0	0	0	01.7	-24	WNN	6	35	29	6	5	5	6	4	bcc	ss	29	24	-										
3	Corlestone	5	05.7	-22	WNN	4	31	29	7	0	0	0	09.2	-32	WNN	5	33	30	7	5	5	6	4	bcc	ss	29	24	-										
	Mildenhall	15	06.8	-16	WNN	5	31	29	6	0	0	0	03.3	-14	WNN	5	33	32	7	5	5	6	4	bcc	ss	29	24	-										
	Bircham Newton	221	05.5	-20	WNN	6	33	31	6	0	0	0	01.7	-18	WNN	7	33	32	6	6	6	6	4	bcc	ss	29	24	-										
	Cranwell	203	06.8	-18	WNN	5	33	30	6	0	0	0	03.9	-18	WNN	5	33	31	6	6	6	6	4	bcc	ss	29	24	-										
4	Cranfield	340	09.7	-10	WNN	5	30	27	6	0	0	0	06.1	-22	WNN	4	32	29	6	5	5	6	4	bcc	ss	29	24	-										
	Honiley	427	10.1	-10	WNN	4	32	30	5	0	0	0	07.9	-14	WNN	5	34	28	6	5	5	6	4	bcc	ss	29	24	-										
	Little Rissington	731	10.4	-12	WNN	4	31	29	7	0	0	0	08.1	-12	WNN	3	32	31	7	5	5	6	4	bcc	ss	29	24	-										
	Shobden	318	12.3	-8	WNN	4	34	27	6	0	0	0	10.5	-8	WNN	2	32	26	8	4	4	5	0	bcc	ss	29	24	-										
5	Bristol	209	13.6	-20	WNN	4	32	31	6	0	0	0	11.0	-10	WNN	2	32	31	6	8	2	0	0	0	0	0	0	0	0									
	Chivenor	20	16.1	-8	WNN	5	37	30	8	2	0	0	13.2	-18	WNN	3	38	32	8	2	0	0	0	0	0	0	0	0										
	Yeovilton	50	13.4	-10	WNN	3	35	29	7	2	0	0	10.7	-14	WNN	3	35	32	6	8	2	0	0	0	0	0	0	0										
	Portland Bill	32	13.6	-12	WNN	5	38	38	8	5	0	0	10.9	-14	WNN	5	38	35	8	2	0	0	0	0	0	0	0	0										
6	Exeter	100	14.6	-16	WNN	5	33	28	7	0	0	0	13.0	-14	WNN	3	33	30	7	8	2	0	0	0	0	0	0	0										
	Plymouth	86	16.6	-10	WNN	4	35	30	6	2	0	0	13.5	-18	WNN	3	34	29	6	2	0	0	0	0	0	0	0	0										
	St. Eval	345	17.3	-16	WNN	4	37	36	8	2	0	0	14.9	-12	WNN	4	39	29	7	8	2	0	0	0	0	0	0	0										
	The Lizard	240	18.1	-10	WNN	4	36	36	7	2	0	0	15.3	-8	WNN	4	39	31	7	2	0	0	0	0	0	0	0	0										
7	Scilly, St. Marys	163	19.0	-6	WNN	5	38	32	8	8	0	0	16.0	-10	WNN	5	39	28	8	8	0	0	0	0	0	0	0	0										
	Fairwood	268	15.0	-8	WNN	4	33	31	6	0	0	0	12.8	-14	WNN	4	33	33	7	8	8	0	0	0	0	0	0	0										
	Pembroke	142	17.6	-10	WNN	5	33	30	8	8	0	0	14.1	-16	WNN	5	38	33	8	8	0	0	0	0	0	0	0	0										
	Aberporth	425	17.6	-10	WNN	5	33	30	8	8	0	0	13.3	-12	WNN	5	38	33	8	8	0	0	0	0	0	0	0	0										
8	Penrhos	63	14.0	-10	WNN	5	33	32	7	2	0	0	12.8	-8	WNN	4	33	32	7	3	0	0	0	0	0	0	0	0										
	Holyhead, Valley	32	14.5	-6	WNN	5	33	32	7	3	0	0	13.3	-4	WNN	6	34	29	8	8	0	0	0	0	0	0	0	0										
	Hawarden	15	11.3	-4	WNN	5	37	31	7	0	0	0	09.9	-6	WNN	5	37	30	8	8	0	0	0	0	0	0	0	0										
	Manchester	230	09.4	-14	WNN	4	33	32	6	0	0	0	09.4	-6	WNN	5	33	33	6	5	0	0	0	0	0	0	0	0										
9	Squires Gate	30	10.3	-4	WNN	4	33	27	7	0	0	0	09.5	-6	WNN	5	37	27	7	2	0	0	0	0	0	0	0	0										
	Silloth	25	11.2	+4	WNN	3	36	27	8	5	0	0	10.5	-2	WNN	5	34	28	8	3	0	0	0	0	0	0	0	0										
	Ashbourne	590	09.1	-14	WNN	6	32	27	5	0	0	0	06.9	-14	WNN	6	31	27	6	0	0	0	0	0	0	0	0	0										
	Snaith	30	07.4	-2	WNN	4	33	28	7	0	0	0	05.1	-8	WNN	6	35	25	6	0	0	0	0	0	0	0	0	0										
10	Spurn Head	29	03.8	-24	WNN	4	35	31	7	0	0	0	00.8	-20	WNN	6	34	32	6	0	0	0	0	0	0	0	0	0										
	Leeming	105	06.5	-14	WNN	6	35	27	8	0	0	0	05.4	-6	WNN	6	36	32	6	0	0	0	0	0	0	0	0	0										
	Tynemouth	108	07.0	-8	WNN	3	35	29	7	2	0	0	06.2	-2	WNN	4	34	31	6	8	0	0	0	0	0	0	0	0										
	St. Abb's Head	138	05.1	-2	WNN	6	33	30	7	5	0	0	05.0	-2	WNN	6	34	33	7	5	0	0	0	0	0	0	0	0										
11	Leuchars	280	06.6	+12	WNN	7	35	35	7	1	0	0	06.6	+2	WNN	8	35	32	7	5	0	0	0	0	0	0	0	0										
	Montrose	31	08.2	+2	WNN	5	35	29	8	0	0	0	05.7	+10	WNN	4	35	32	7	5	0	0	0	0	0	0	0	0										
	Abbotsinch	22	07.6	+6	WNN	6	37	30	8	3	0	0	08.5	+2	WNN	5	36	30	8	8	0	0	0	0	0	0	0	0										
	Abbotsinch	19	12.7	+8	WNN	3	35	28	8	0	0	0	12.6	+2	WNN	5	35	28	8	8	0	0	0	0	0	0	0	0										
12	Prestwick	30	13.8	+10	WNN	3	37	29	6	5	0	0	13.1	+2	WNN	2	34	26	7	1	0	0	0	0	0	0	0	0										
	West Freugh	53	13.3	-2	WNN	4	37	31	8	4	0	0	13.2	-2	WNN	6	36	30	8	2	0	0	0	0	0	0	0	0										
	Esksdalemuir	794	13.3	-2	WNN	4	37	31	8	4	0	0	09.3	+4	WNN	6	32	26	7	6	0	0	0	0	0	0	0	0										
	Jurby, I. of Man	84	13.9	+2	WNN	7	40	29	8	4	0	0	13.0	-6	WNN	7	38	29	8	5	0	0	0	0	0	0	0	0										
13	Machrihanish	35	14.0	+10	WNN	5	38	31	8	0	0	0	14.3	-4	WNN	7	38	31	8	5	0	0	0	0	0	0	0	0										
	Tiree	44	17.3	+14	WNN	6	40	29	8	2	0	0	17.2	-2	WNN	7	39	25	8	2	0	0	0	0	0	0	0	0										
	Oban	74	15.2	+6	WNN	4	36	31	8	2	0	0	16.0	+6	WNN	5	37	30	8	2	0	0	0	0	0	0	0	0										
	Stormoway	12	16.8	+14	WNN	5	38	27	8	3	0	0	17.2	+2	WNN	6	38	26	8	2	0	0	0	0	0	0	0	0										
14	Cape Wrath	367	13.6	+14	WNN	6	39	29	7	8	0	0	13.9	+2	WNN	6	39	27	8	2	0	0	0	0	0	0	0	0										
	Dalwhinnie	176	13.6	+14	WNN	6	39	29	7	8	0	0	13.5	+6	WNN	4	39	27	8	2	0	0	0	0	0	0	0	0										
	Aberdeen	79	06.9	+10	WNN	7	38	32	6	3	0	0	07.9	+4	WNN	5	34	30	6	9	0	0	0	0	0	0	0	0										
	Fraserburgh	70	13.1	+10	WNN	5	35	35	8	8	0	0	08.0	+2	WNN	7	37	36	6	3	0	0	0	0	0	0	0	0										
15	Alness	63	09.4	+8	WNN	7	34	31	7	9	0	0	13.3	-2	WNN	6	35	30	9	3	0	0	0	0	0	0	0	0										
	Wick	114	09.4	+8	WNN	7	34	31	7	9	0	0	10.6	+2	WNN	6	37	30	7	7	0	0	0	0	0	0	0	0										
	Hatston	45	09.3	+10	WNN	8	39	34	7	9	0	0	10.7	+6	WNN	8	37	34	6	3	0	0	0	0	0	0	0	0										
	Sumburgh	15	06.6	+10	WNN	5	36	29	8	8	0	0	08.3	+6	WNN	5	35	31	7	3	0	0	0	0	0	0	0	0										
16	Sullom Voe	12	07.4	+14	WNN	7	39	28	7	6	0	0	08.7	+6	WNN	7	38	30	7	3	0	0	0	0	0	0	0	0										
	Blackad Point	18	21.7	-2	WNN	6	39	36	7	9	0	0	22.0	+2	WNN	7	36	34	7	3	0	0	0	0	0	0	0	0										



BRITISH  
SECTION**CANCELLED**  
**CONFIDENTIAL**

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

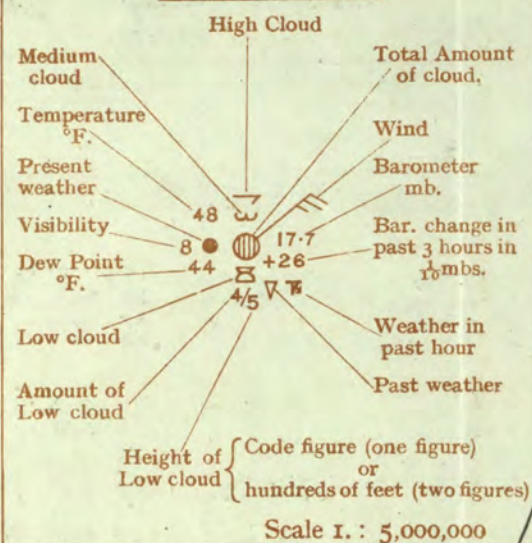
Tuesday, 26 January 1945

No. 30,367

OBSERVATIONS at 12h. G.M.T. 8 <sup>th</sup> January															OBSERVATIONS at 18h. G.M.T. 8 <sup>th</sup> January															OBSERVATIONS during DAY								
District.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.					Barom. M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.					State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. °F. (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. inches. (38)					
				Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet. (16)	Dir.	Force.			Form.	Amount.					Height of Base Hundreds of feet. (32)	06h.-12h. (34)	12h.-18h. (35)													
																										Low.	Med.		High.	Total.				A.	B.	A.	B.	A.
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Friston ...	04.7 05.1 08.6 06.9	+8 +10 -12 -18	NW NW NW NW	4 4 5 4	2 2 c-bc b	37 35 36 37	24 28 31 22	6 5 5 7	8 5 5 1	4 5 4 2	3 5 3 2	4 5 3 1	25 12 25 20	05.0 05.2 06.8 06.1	+6 +6 -8 +6	NW NW NW NW	3 4 5 4	2 2 b-bc 2	35 35 34 37	30 29 27 29	5 4 4 6	5 5 4 5	8 8 3 7	3 3 3 7	15 16 40 30	25 16 40 30	3 1 3 4	bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm bbs	37 36 37 38	1.3 0.2 * *	Tr Tr Tr Tr					
2	Lympne ... Manston ... North Weald ... Felixstowe ... Corlestone ...	02.6 01.8 03.5 09.9 08.3	-8 -6 -6 -6 0	W NW W WNW N	5 5 7 6 6	c-bc c b ps ps	36 35 36 36 37	23 28 25 33 33	7 7 6 7 7	5 5 2 5 5	1 7 4 5 7	5 6 4 5 7	18 25 30 12 18	40 40 30 12 18	02.9 02.2 04.6 02.6 01.5	+6 +8 +10 +12 +12	NW NW NW NW NE	3 5 6 4 4	2 2 c-ps ps ps	32 34 33 34 37	31 32 31 33 32	6 6 6 6 7	4 8 5 5 9	8 8 8 8 9	2 4 7 8 4	2 4 7 8 10	15 7 12 10 10	4 1 4 8 1	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	37 36 39 37 38	4.3 0.9 2.6 1.1 1.1	Tr Tr Tr Tr Tr					
3	Mildenhall ... Bircham Newton ... Cranwell ... Cranfield ... Honiley ...	02.7 01.6 04.9 05.8 06.7	+2 +2 +2 -4 -10	NW NW NW WN NW	6 6 6 4 4	c c 18 c-ps 2	34 35 33 33 35	31 34 33 32 28	7 6 7 6 5	8 8 6 9 5	1 5 8 8 2	7 4 8 5 4	18 15 8 15 20	40 25 4 25 15	04.0 03.6 05.6 05.7 06.3	+10 +12 +4 -6 0	NW NW NW WNW NW	3 4 4 4 5	2 2 2 2 ps	31 33 32 32 34	31 32 32 29 32	6 6 6 6 4	4 8 5 5 9	8 8 8 8 9	4 4 8 4 7	18 5 4 8 15	4 25 7 7 40	4 4 8 4 4	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	35 36 34 34 35	0.8 0.6 0.0 0.0 0.9	Tr Tr Tr Tr Tr					
4	Little Rissington ... Shobden ...	07.1 09.7	-10 -8	NW NW	6 5	bc bc	34 37	27 28	7 8	5 1	4 3	4 4	15 25	40 25	06.2 09.0	+2 +2	NW NW	5 5	2 3	33 33	27 26	6 5	5 5	8 8	3 3	5 5	20 20	4 4	4 4	20 20	4 4	bbs bbs	cs, is, cm cs, is, cm	37 39	1.3 4.5	Tr Tr		
5	Bristol ... Chivenor ... Yeovilton ...	09.7 12.5 09.0	-10 -6 -12	NW NW NW	4 4 4	c-bc c-bc b-bc	38 38 37	28 29 29	6 8 8	1 2 2	3 3 3	4 4 2	25 15 30	15 15 30	09.5 11.2 08.6	-2 -2 +6	NW N NW	3 4 3	2 4 3	33 38 37	27 29 27	7 8 8	5 5 6	8 8 8	3 3 3	5 3 3	20 18 30	4 1 0	4 3 2	20 18 30	4 1 0	bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm	37 41 40	1.3 * *	Tr Tr Tr		
6	Portland Bill ... Exeter ... Plymouth ... St. Eval ... The Lizard ...	19.6 11.2 13.1 13.9 13.5	-16 -14 0 -12 -10	NW NW N N NW	5 5 2 4 4	bc c-bc ps ps bc	41 38 38 40 41	39 32 33 29 30	8 8 7 8 8	1 6 8 3 2	4 3 7 9 4	4 3 5 3 2	17 18 20 20 25	40 40 40 20 40	18.9 10.1 10.2 11.9 11.5	-10 +4 -6 -2 -10	NW WNW NW NW N	5 3 3 4 5	2 bc bc c c-bc	38 35 37 35 34	35 29 32 31 31	8 7 8 8 8	5 8 6 8 3	5 3 3 3 5	5 4 3 3 5	50 18 20 10 20	1 25 15 15 4	1 3 4 4 4	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	41 40 40 41 43	1.3 2.1 1.6 4.6 6	Tr Tr Tr Tr Tr					
7	Scilly, St. Marys ... Fairwood ... Pembroke ... Aberporth ... Penrhos ...	15.8 11.2 13.3 12.3 11.9	-4 -10 -10 -2 +4	N NW NW NE NW	5 3 6 5 5	bc bc bc bc bc	42 39 40 38 41	28 38 34 30 29	8 7 8 9 8	8 3 3 2 2	4 4 7 4 4	4 2 4 4 2	17 25 20 20 20	40 25 20 20 20	12.9 10.8 11.7 11.6 11.6	-10 +8 -6 +2 +8	N N NW NNE NW	6 2 5 6 5	1 ps ps c-bc bc	40 34 38 39 38	39 29 29 28 27	8 8 7 8 7	8 2 5 5 2	8 2 5 5 2	6 8 8 5 4	6 2 2 2 4	14 25 19 20 25	1 4 4 1 0	4 4 4 4 4	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	44 38 41 40 42	2.5 1.2 1.2 0.6 0.6	Tr Tr Tr Tr Tr				
8	Holyhead, Valley ... Hawarden ... Manchester ... Squires Gate ... Silloth ...	13.3 10.1 08.4 09.7 10.8	+2 +2 -4 -2 -2	N NW NE NW SW	5 4 4 5 5	bc c c c-bc bc	40 37 35 37 37	29 29 27 28 29	8 7 7 7 8	2 2 4 2 6	4 2 3 2 4	4 4 4 3 4	25 20 20 15 40	40 20 20 20 40	12.7 10.0 08.2 09.1 10.8	+6 +4 +4 +2 +2	N NW NW N NW	5 4 4 5 5	bc c 2 2 2	39 38 35 38 36	27 31 29 27 27	8 7 5 6 5	8 8 4 8 5	8 8 0 0 4	4 4 0 0 4	25 15 19 20 20	0 4 4 4 0	0 4 4 4 0	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	38 38 39 39 37	1.3 1.3 1.3 1.3 1.3	Tr Tr Tr Tr Tr					
9	Ashbourne ... Snaith ... Spurn Head ... Leeming ... Tynemouth ...	07.1 09.9 03.1 06.7 07.4	-2 +2 +8 +6 +6	NW NW NW NW NW	4 4 4 7 4	2 2 2 ps ps	34 34 36 33 34	33 32 33 33 33	6 5 8 5 3	7 6 3 3 2	2 2 6 6 6	5 3 5 6 6	8 8 25 20 18	15 37 37 20 18	06.6 06.6 04.6 06.6 07.2	+2 +8 +10 +6 +6	NW NW NW NW N	4 5 5 4 6	2 b-bc m ps ps	33 33 34 32 36	30 32 34 32 34	4 3 6 7 7	8 8 8 8 8	8 8 8 8 8	8 3 5 5 5	8 3 0 0 4	6 15 8 0 15	4 8 7 4 4	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	38 35 39 35 40	1.3 0.1 0.9 0.9 0.9	Tr Tr Tr Tr Tr					
10	Ackington ... St. Abb's Head ... Leuchars ... Montrose ... Abbotsinch ...	06.7 06.8 10.9 10.1 13.6	0 0 +2 +8 +0	NW NW NW NW N	6 7 3 6 4	ps ph ps ps c-bc	34 38 36 35 37	33 33 30 32 32	7 8 6 7 9	8 3 9 3 8	1 7 5 2 1	5 3 5 3 4	8 15 10 10 20	25 15 10 10 20	07.7 07.8 09.2 10.4 14.3	+8 +8 +2 +2 +2	NW N NW NW W	6 7 5 6 2	ps ps ps ps bc	35 37 35 37 35	32 34 29 26 28	5 7 5 6 5	8 5 5 4 5	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8	11 15 1 2 35	15 15 10 10 35	6 8 4 6 4	6 8 4 4 4	25 15 10 10 35	0 8 4 6 4	0 8 4 4 4	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	36 38 38 38 38	1.3 0.8 0.4 0.4 4.5	Tr Tr Tr Tr Tr
11	Prestwick ... West Freugh ... Eskdalemuir ... Jurby, I. of Man ... Machrihanish ...	13.9 13.2 09.4 13.7 14.4	+6 -2 -4 +2 -6	NW N NW NW NW	3 5 6 4 7	b-bc b-bc ps b-bc b-bc	38 35 34 39 39	25 25 29 29 32	7 9 8 8 8	6 2 2 1 3	4 4 4 4 3	2 2 2 2 1	20 28 25 25 20	57 25 25 25 20	14.5 13.6 10.1 13.9 13.8	+4 +2 +4 0 +12	NW N N NW NW	3 5 5 6 5	b b bc b b	35 35 33 38 37	25 28 27 27 27	7 4 7 8 8	5 4 8 8 8	8 4 7 7 8	8 4 2 2 2	50 25 22 30 25	3 4 1 1 0	3 4 4 4 4	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	39 35 40 40 40	1.3 4.7 * * *	Tr Tr Tr Tr Tr					
12	Tiree ... Oban ... Stornoway ... Cape Wrath ... Dalwhinnie ...	18.3 17.2 19.1 16.2 14.0	+2 +6 +12 +8 +2	N N N N N	7 2 7 6 4	ps ps ps ph ps	38 35 38 37 29	31 32 27 27 25	8 3 3 9 7	3 6 3 4 8	3 4 4 4 4	5 2 3 4 4	15 20 15 25 22	25 40 15 25 22	19.2 17.1 20.1 17.4 15.0	+10 +2 +10 +14 +2	N NW N N N	7 5 5 6 4	b b ps ps c	35 35 37 34 30	30 28 30 31 26	8 8 8 8 6	8 8 8 8 5	8 8 8 8 8	8 8 8 8 8	2 2 3 7 7	2 2 2 4 21	20 30 10 15 21	1 4 6 8 8	1 4 4 4 4	20 30 10 15 21	0 4 4 4 4	0 4 4 4 4	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	45 39 39 40 31	2.8 * 0.4 0.4 0.0	Tr Tr Tr Tr Tr
13	Aberdeen ... Fraserburgh ... AIness ... Wick ... Hatston ...	09.5 10.2 15.6 12.9 13.0	+10 +10 +4 +6 +2	N NE NE N N	4 6 6 7 7	ps ps bc ps c-bc	36 37 36 38 39	29 37 26 29 30	6 9 3 8 8	9 6 6 3 6	3 4 3 6 1	7 7 4 5 4	15 20 20 20 15	25 15 20 20 15	10.8 10.3 16.5 14.0 15.0	+2 +2 +6 +6 +14	NW NE NE N NE	4 6 4 7 9	c-bc 2 ps b-bc ph	38 40 35 37 36	31 37 30 32 36	7 9 6 8 7	8 8 8 8 9	8 8 8 8 8	8 8 8 8 8	3 6 3 3 4	3 3 3 3 4	25 10 16 15 15	1 8 4 4 15	1 8 4 4 15	bbs bbs bbs bbs bbs	cs, is, cm cs, is, cm cs, is, cm cs, is, cm cs, is, cm	39 41 40 40 40	0.1 * 0.5 0.5 *	Tr Tr Tr Tr Tr			



# STATION MODEL



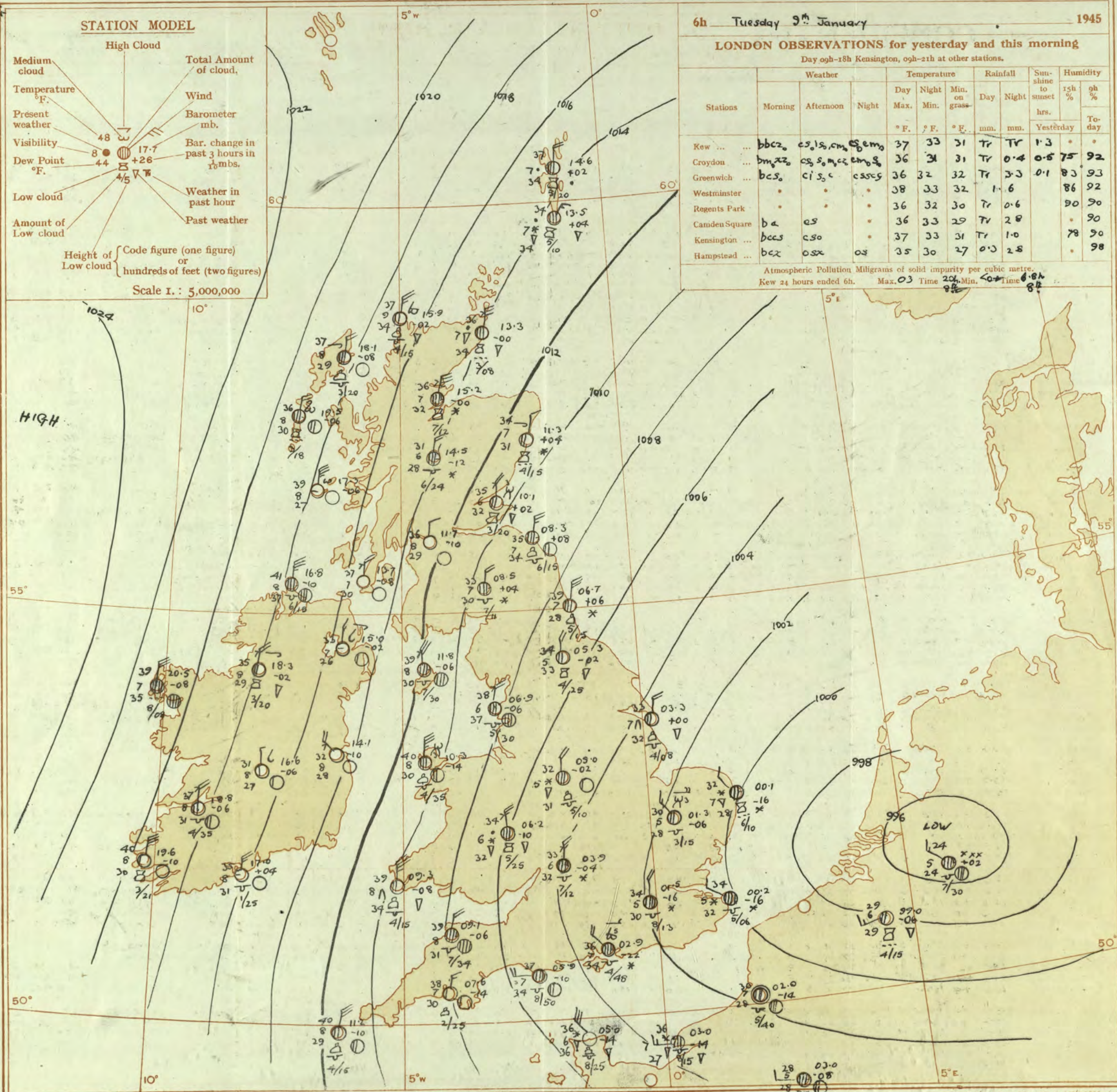
6h Tuesday 9th January 1945

## 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 ...	bbs	cs,ls,cm,sgemo		37	33	31	Tr	Tr	1.3	*	*
Croydon ...	bbs	cs,ls,cm,sgemo		36	31	31	Tr	0.4	0.5	75	92
Greenwich ...	bbs	cs,ls,cm,sgemo		36	32	32	Tr	3.3	0.1	83	93
Westminster				38	33	32	1.6			86	92
Regents Park				36	32	30	Tr	0.6		90	90
Camden Square	ba	cs		36	33	29	Tr	2.8		90	90
Kensington ...	bbs	cs		37	33	31	Tr	1.0		78	90
Hampstead ...	bbs	osx	os	35	30	27	0.3	2.8		*	98

Atmospheric Pollution Miligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 03 Time 2.0 Min. 0.4 Time 8.4



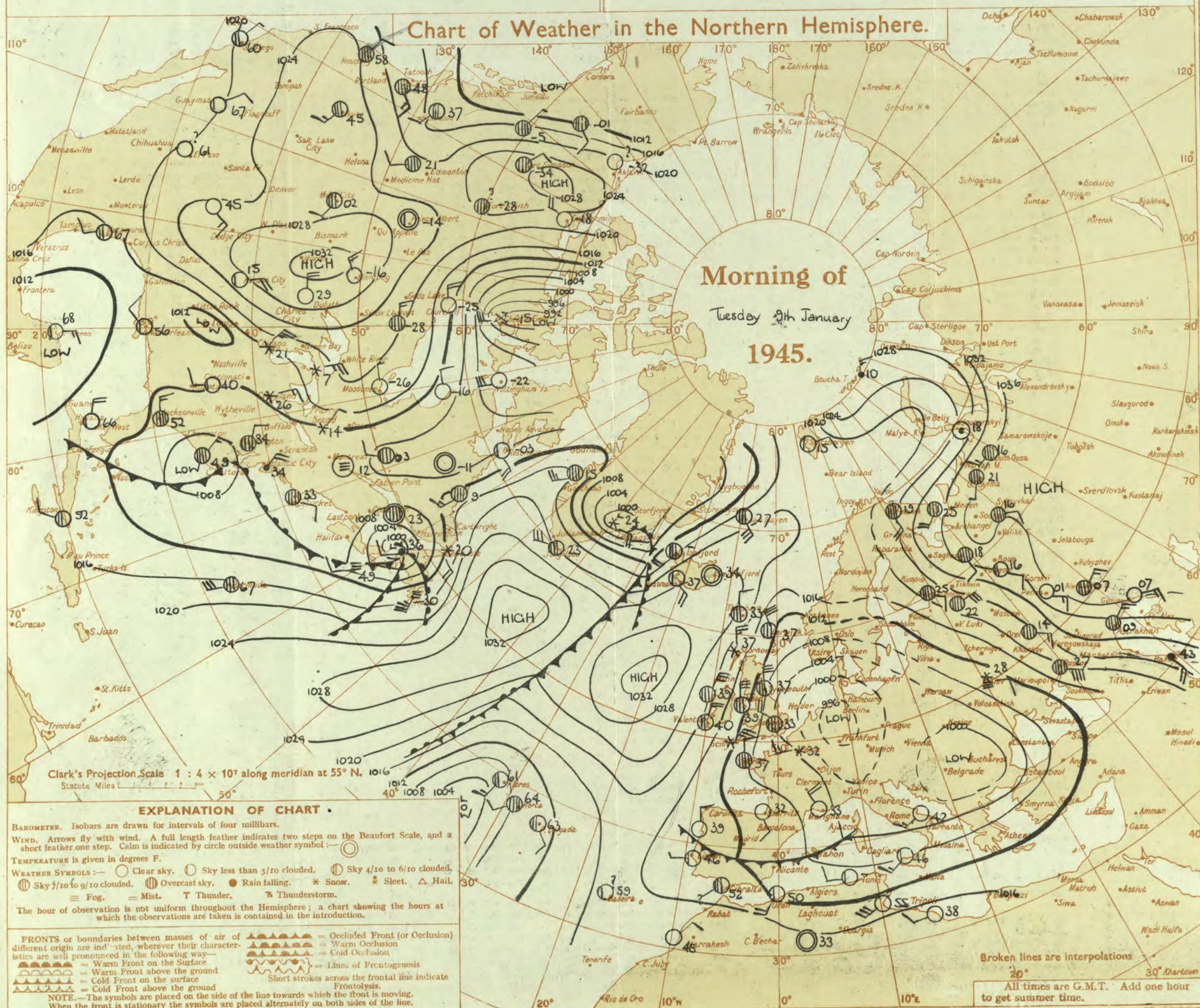


**GENERAL INFERENCE**  
 Pressure will continue high to the west of the British Isles. A depression off Southeast England is filling up. A weakening ridge of high pressure will move southeast across Scotland followed by a trough of low pressure. There will be scattered wintry showers in western districts of Great Britain and over Ireland, and more frequent wintry showers in eastern districts of Great Britain. More general rain, sleet and snow will spread southeast across Scotland and Northern Ireland to-night and to-morrow morning. It will be very cold generally.

**FURTHER OUTLOOK**  
 Cold conditions persisting with wintry precipitation and some bright intervals in most districts.

## Chart of Weather in the Northern Hemisphere.

Morning of  
 Tuesday 9th January  
 1945.



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

### EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.

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

**TEMPERATURE** is given in degrees F.

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

○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. \* Sleet. △ Hail.

☁ Fog. ☁ Mist. T Thunder. ⚡ Thunderstorm.

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

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

— Warm Front on the Surface

— Warm Front above the ground

— Cold Front on the surface

— Cold Front above the ground

— Occluded Front (or Occlusion)

— Warm Occlusion

— Cold Occlusion

— Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis.

**NOTE.**—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



BRITISH  
SECTION

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

Tuesday 9th January 1945  
No. 30364

OBSERVATIONS at 00hr. G.M.T. 9th January																	OBSERVATIONS at 06hr. G.M.T. 9th 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	Visiblity.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visiblity.	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.		Med.	High.	Low.	Med.	High.			
1	Kew ...	16					34								01.5	-14	NNW	4	35	28	6							cs oc	cm	33	31	Tr								
	Croydon ...	217	05.1	-6	NW	3	33	29	6					20	01.5	-16	NNW	4	34	30	5							cm	cm	31	31	0.4								
	Boscombe Down	417	07.1	-2	NW	2	33	31	7					33	04.6	-14	NW	5	34	31	7							bcc	cs oc	35	30	0.1								
	Thorney Island	10	06.6	+4	NW	3	35	30	6					22	02.9	-22	NW	4	36	34	7							bcc	cs oc	33	28	Tr								
	Friston ...																																							
	Lymne ...	341	04.2	+2	NW	3	31	29	5					8	00.6	-22	NW	3	31	31	4							bc	cm	31	24	2								
	Mauston ...	140	02.7	-6	NNW	4	32	31	6					25	00.2	-16	NNW	2	34	32	5							bc	cm	31	30	1								
2	North Weald	244	04.0	-14	NNW	5	31	30	5					15	01.3	-6	NNW	3	34	31	5							bc	cm	31	27	2								
	Felixstowe ...	10	02.8	-8	NW	5	33	32	5					10	00.5	-14	NNW	3	32	32	7							bc	cm	32	31	0.1								
	Gorleston ...	5	02.0	-8	NNW	2	33	31	7					15	00.1	-14	NNW	2	32	28	7							bc	cm	32	31	0.1								
	Mildenhall	15	03.1	-16	NW	3	33	30	5					4	01.3	-6	NNW	3	30	28	5							bc	cm	31	24	3								
	Bircham Newton	221	03.1	-8	NNW	4	32	32	6					15	01.4	-10	NNW	4	31	31	6							bc	cm	31	25	1								
	Cranwell ...	203	03.9	-22	NNW	3	33	34	5					10	03.2	-2	NNW	4	33	32	5							bc	cm	31	25	0.5								
3	Cranfield ...	340	05.5	-8	NNW	3	33	30	5					10	03.1	-12	NNW	4	33	30	5							bc	cm	32	29	0.4								
	Honiley ...	427	05.7	-14	NNW	4	33	32	5					10	05.3	-2	NNW	5	33	31	6							bc	cm	31	31	Tr								
4	Little Rissington	731	05.8	-8	NNW	4	31	31	4					15	03.9	-4	NNW	5	33	32	6							bc	cm	31	29	0.1								
	Shobden ...	318	08.3	-8	NW	5	34	31	7					15	06.2	-10	NNW	5	34	32	6							bc	cm	33	28	Tr								
5	Bristol ...	209	08.3	-10	NW	5	36	27	6					15	05.3	-14	NNW	4	34	30	6							bc	cm	36	22	Tr								
	Chivenor ...	20	09.7	-12	N	3	37	29	8					15	08.1	-6	NNW	4	39	31	8							bc	cm	34	29	Tr								
	Yeovilton ...	50	07.8	-4	NW	3	35	30	7					15	05.7	-10	NNW	4	37	30	8							bc	cm	34	29	Tr								
	Portland Bill	32	01.8	-10	NNW	4	37	34	7					15	05.9	-10	NNW	4	37	34	7							bc	cm	36	24	1								
	Exeter ...	100	09.3	-18	NW	3	34	27	7					15	07.2	-16	NNW	4	38	30	7							bc	cm	32	24	1								
	Plymouth ...	86	10.0	+2	N	1	35	29	6					15	07.6	-14	NNW	3	38	30	7							bc	cm	36	22	Tr								
	St. Eval ...	345	11.4	-6	N	5	37	28	6					15	09.8	-6	NNW	6	39	29	8							bc	cm	33	22	1								
	The Lizard	240	11.5	-4	NE	2	35	32	7					15	08.6	-14	NNW	5	37	34	7							bc	cm	33	22	1								
6	Scilly, St. Marys	163	12.6	-6	NEE	5	36	33	7					15	11.2	-10	NNW	6	40	28	8							bc	cm	34	22	1								
	Fairwood ...	268	09.9	-4	N	3	34	29	7					15	07.0	-14	NNW	6	36	28	7							bc	cm	33	22	1								
	Pembroke ...	142	11.3	-6	NW	5	36	30	8					15	09.3	-8	NNW	7	39	34	8							bc	cm	35	27	Tr								
	Aberporth ...	425												15	09.6	-8	NNW	6	39	28	8							bc	cm	37	33	Tr								
7	Pearhos ...	63	10.7	-14	NNE	5	36	30	7					15	09.7	-10	NNW	6	40	28	7							bc	cm	37	34	Tr								
	Holyhead, Valley	32	12.5	-8	N	6	36	31	8					15	10.3	-14	NNW	7	40	28	8							bc	cm	36	36	1								
	Hawarden ...	15	08.7	-12	NNW	5	38	31	8					15	07.3	-4	NNW	5	38	30	8							bc	cm	36	34	0.1								
8	Manchester	230	07.3	-10	NW	3	35	31	5					15	06.2	-2	NNW	3	34	31	6							bc	cm	31	27	0.1								
	Squires Gate	30	08.3	-14	NW	5	36	29	7					15	06.9	-6	NNW	4	36	31	6							bc	cm	35	35	1								
	Silloth ...	45	10.2	-10	NNW	4	36	28	8					15	08.2	+2	NNW	4	36	31	7							bc	cm	32	29	0.2								
9	Ashbourne ...	590	05.6	-16	NW	5	32	32	5					15	05.0	-2	NNW	4	32	31	5							bc	cm	30	25	1								
	Snaith ...	30	04.6	-2	NW	5	34	33	5					15	04.9	+2	NNW	4	33	32	4							bc	cm	31	28	3								
10	Spurn Head	29	02.8	-18	NW	4	34	34	7					15	03.3	0	NW	4	33	32	7							bc	cm	32	28	3								
	Leeming ...	105	05.6	-12	NNW	4	35	33	5					15	05.3	-2	NNW	4	34	32	5							bc	cm	33	29	7								
	Tynemouth	108	06.7	0	N	6	35	34	7					15	06.7	+6	NNW	6	39	28	7							bc	cm	33	31	4								
	Acklington	138	06.5	-4	NW	6	35	35	6					15	06.7	+8	NNW	5	35	34	7							bc	cm	32	31	3								
	St. Abb's Head	280	07.1	-6	N	7	35	35	5					15	08.3	+8	NNW	5	35	34	7							bc	cm	31	31	11								
	Leuchars ...	31	09.6	-10	NNW	5	37	29	6					15	10.1	+2	NNW	5	36	31	8							bc	cm	34	31	3								
	Montrose ...	22	09.9	-6	NNW	7	39	31	7					15	10.2	+2	NNW	5	36	31	8							bc	cm	34	32	Tr								
12	Abbotsinch	19	13.7	-12	NW	3	36	30	8					15	11.7	-10	NNW	2	36	29	8							bc	cm	32	32	Tr								
	Prestwick ...	30	14.0	-6	NNW	3	36	25	8					15	12.2	-10	NNW	4	37	25	8							bc	cm	33	28	1								
	West Freugh	53	13.6	-6	NNW	4	37	29	8					15	10.9	-14	NNW	6	37	28	8							bc	cm	36	31	1								
	Esksdalemuir</																																							



CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).				Columns 13, 14, 15; 16, 29, 30, 31, 32.			
0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{5}$	6 = $\frac{3}{10}$	8 = Completely covered.	A = Lowest cloud present.	NELSON K. JOHNSON, K.C.B., D.Sc., Director.	
1 = Trace	3 = $\frac{1}{4}$	5 = $\frac{2}{5}$	7 = More than 9 but with openings.	9 = Sky obscured by fog, etc.	B = Next lowest cloud.	Metereological Office, Air Ministry, Kingsway, London, W.C.2.	



**STATION MODEL**

High Cloud  
Medium cloud  
Temperature °F.  
Present weather  
Visibility  
Dew Point °F.  
Low cloud  
Amount of Low cloud  
Total Amount of cloud.  
Wind  
Barometer mb.  
Bar. change in past 3 hours in 10 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

**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 °F.	Day mm.	Night mm.		Yesterday	To-day
Kew ...	...	...	...	35	31	29	2.0	0.1	6.0	...	...
Croydon ...	...	...	...	34	28	28	4.0	0.2	...	...	
Greenwich ...	...	...	...	30	29	25	0.3	0.0	23	23	
Westminster	...	...	...	35	32	27	4.7	...	92	95	
Regents Park	...	...	...	33	29	20	3.3	...	75	85	
Camden Square	...	...	...	34	30	26	5.6	...	...	83	
Kensington ...	...	...	...	34	30	24	3.5	...	96	82	
Hampstead ...	...	...	...	35	27	24	5.1	1.1	...	100	

Atmospheric Pollution Miligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 10.1 Max. 0.3 Time 9.1h Min. 0.1 Time 0.5h 10.1h

H.M.S.O. Press M.O., Dunstable.

Ps. 362/4792. Ht. 8152. D. 4356. Gp. 348/2. 7593. 1/4.



**GENERAL INFERENCE**

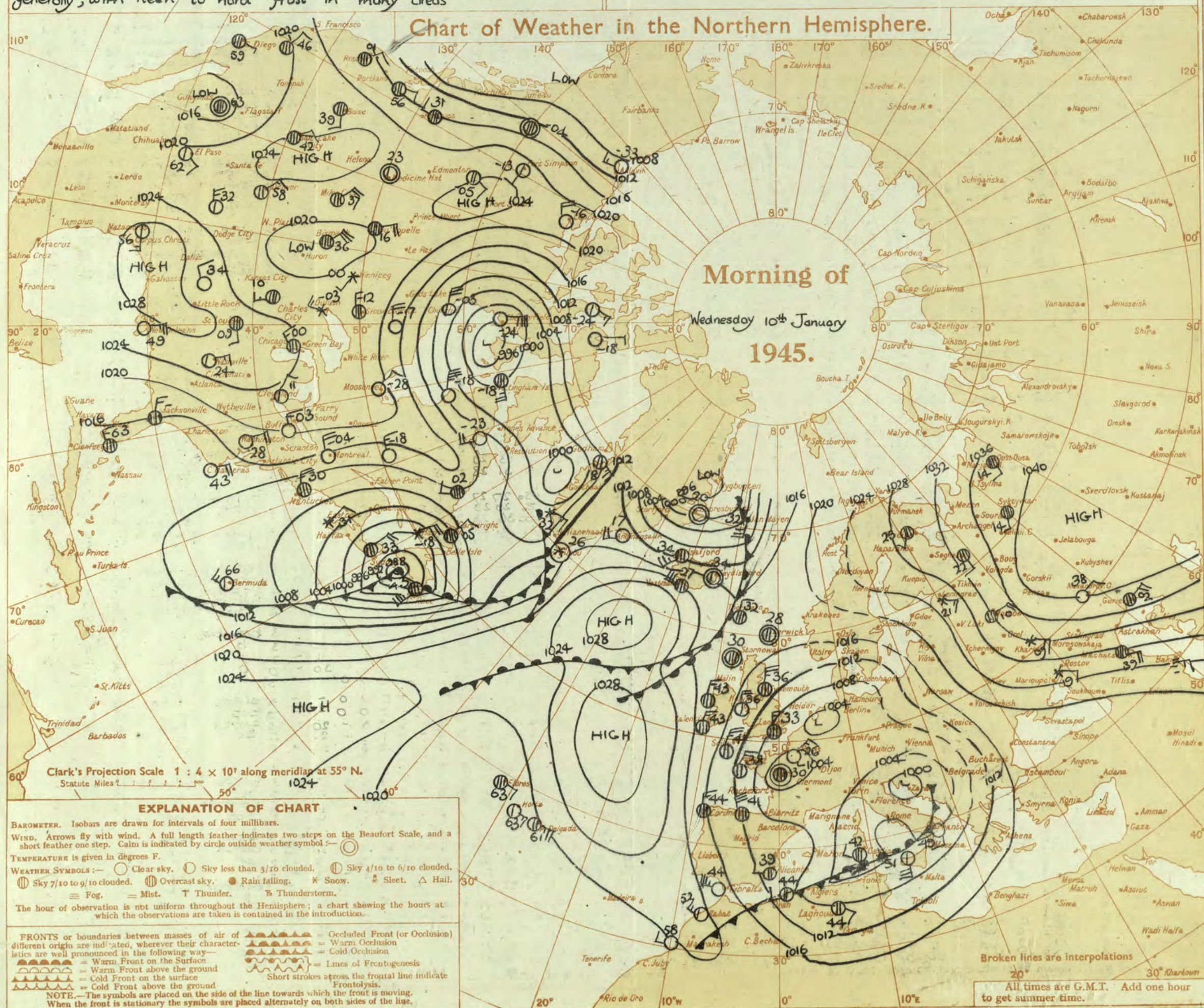
Pressure will continue low to the Southeast of the British Isles, and a developing ridge of high pressure to the Northwest is moving slowly southeast; a small depression just west of Ireland is moving South. There will be rain early in the period in extreme Southwest Ireland, and scattered wintry showers in Southeast Scotland and Eastern districts of England throughout the period but otherwise weather will be fair, with marked clear intervals; it will be very cold generally, with keen to hard frost in many areas

No appreciable change.

**FURTHER OUTLOOK**

**Chart of Weather in the Northern Hemisphere.**

**Morning of  
Wednesday 10<sup>th</sup> January  
1945.**





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

Wednesday 10<sup>th</sup> January 1945

No. 30365

[illegible]



BRITISH  
SECTION

CONFIDENTIAL

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 11<sup>th</sup> January 1945

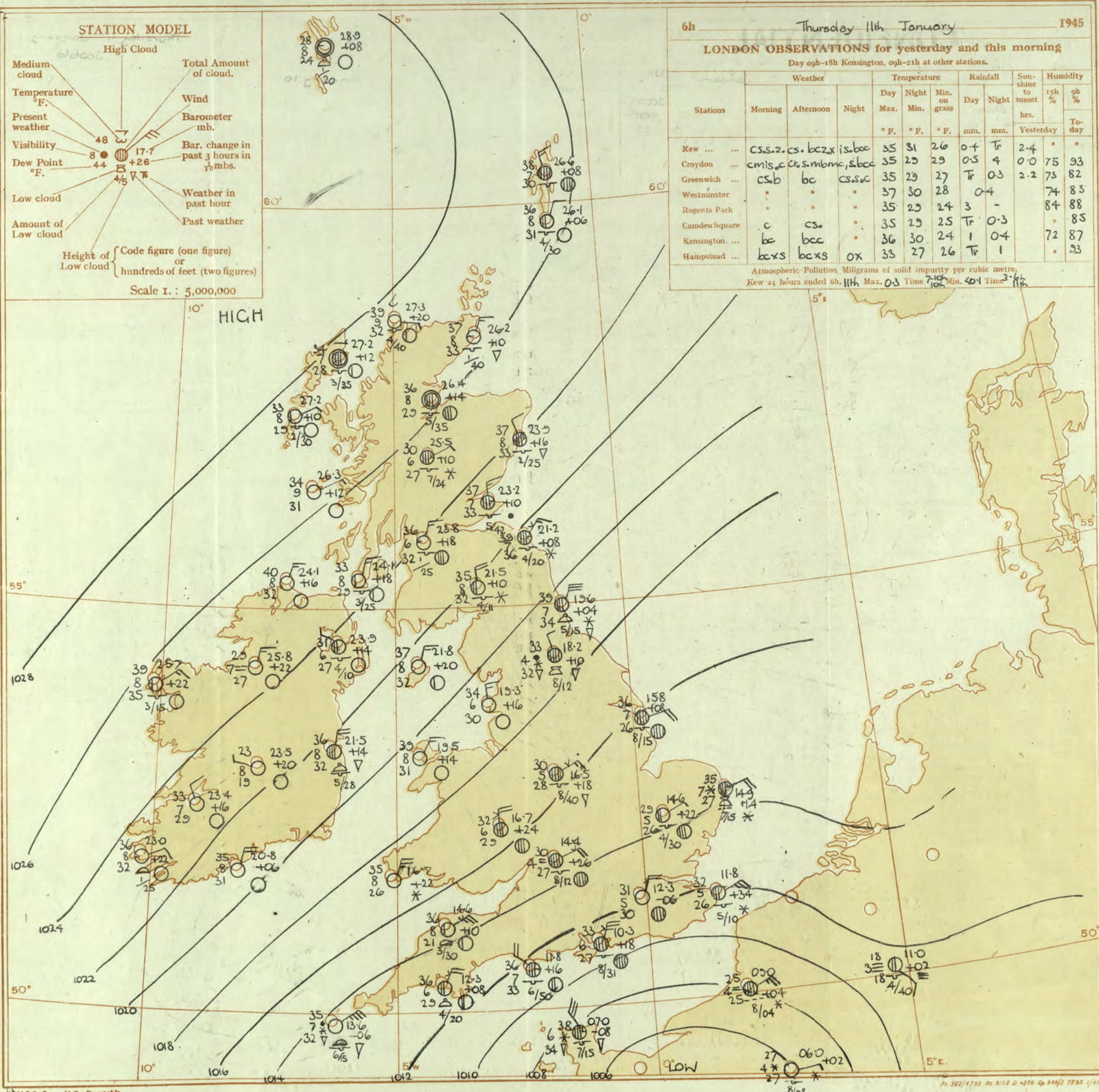
No. 3066

OBSERVATIONS at 12h. G.M.T. January 10<sup>th</sup>OBSERVATIONS at 18h. G.M.T. January 10<sup>th</sup>

OBSERVATIONS during DAY

District.	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)	Visibility. (8)	Cloud.						Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (°F.) (22)	Dew Point. (°F.) (23)	Visibility. (24)	Cloud.						State of Ground. (33)	Weather.		Max. Temp. °F. (36)	Sun- shine Hrs. (37)	Rain °F. (38)								
				Dir. (3)	Force. (4)					Form.		Amount. (12)	Low. (13)	High. (14)	Total. (15)			Low. (16)	Form.					Amount. (28)	Low. (29)	High. (30)	Total. (31)	Low. (32)	High. (34)		Total. (35)												
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# GENERAL INFERENCE

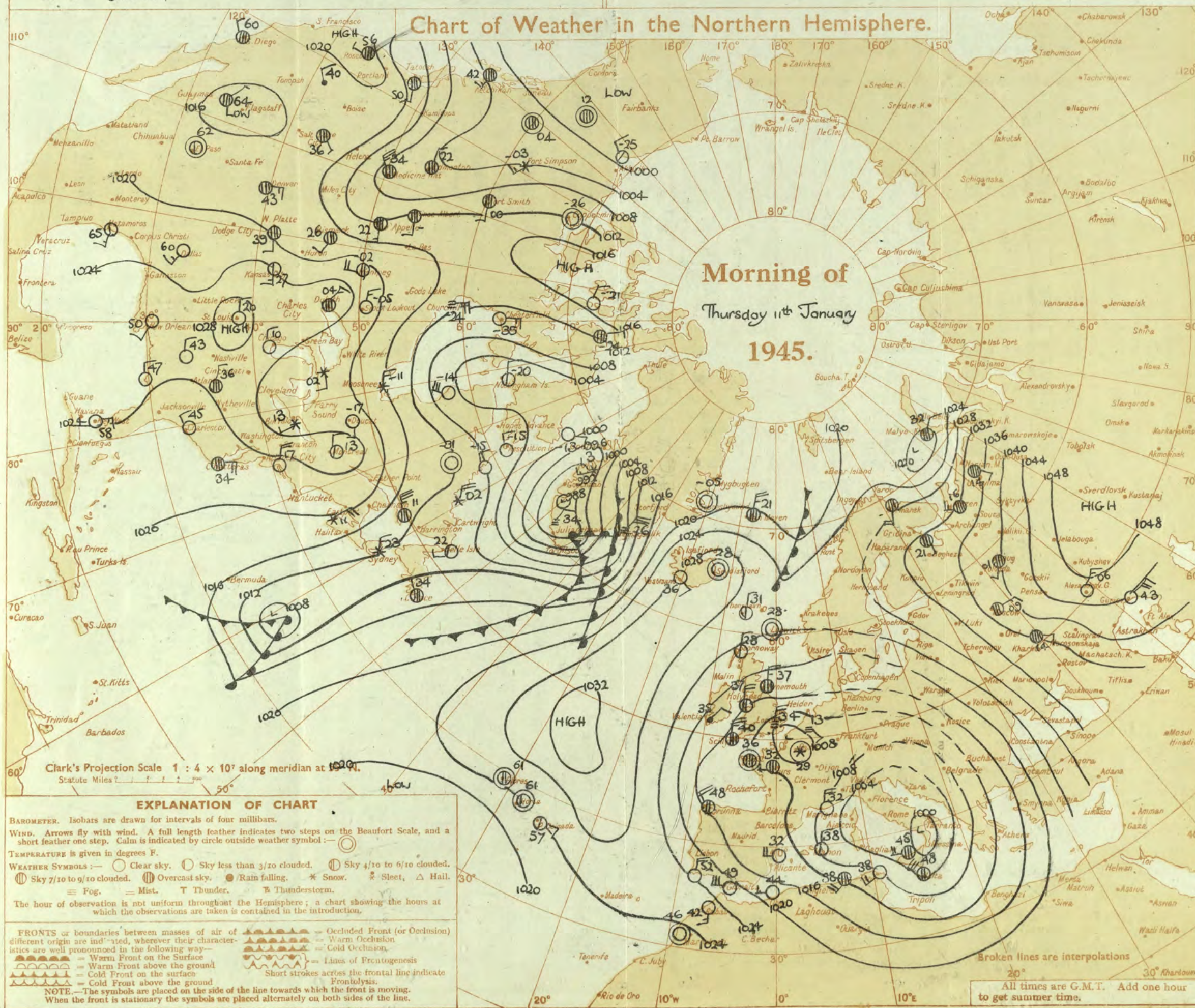
A large anticyclone on the Atlantic is spreading over Northern districts of the British Isles; pressure will remain low to the Southeast of England and troughs of low pressure will move Southwest across the country; it will be mainly fine in Northwest districts of the British Isles; elsewhere it will be generally cloudy with occasional snow inland, occasional rain or snow near the East coast; it will be generally very cold but a slight rise in temperature is probable in most districts.

# FURTHER OUTLOOK

Similar but with slightly higher temperatures

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 11th January  
1945.





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

Thursday, 11th January, 1945

No. 30366

OBSERVATIONS at 00hr. G.M.T. 11th January																	OBSERVATIONS at 06hr. G.M.T. 11th January																	OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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

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

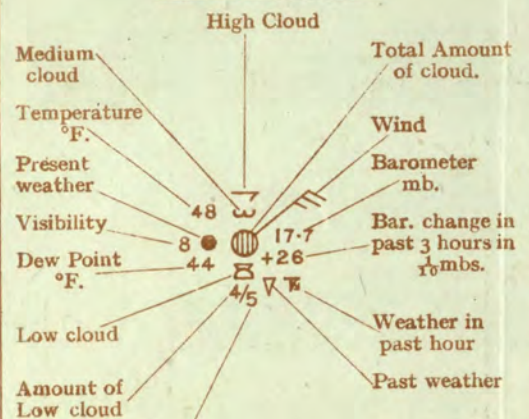
A = Lowest cloud present.  
B = Next lowest cloud.

\* Information not usually received.

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



# STATION MODEL



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

Scale 1 : 5,000,000

6h Friday 12<sup>th</sup> January

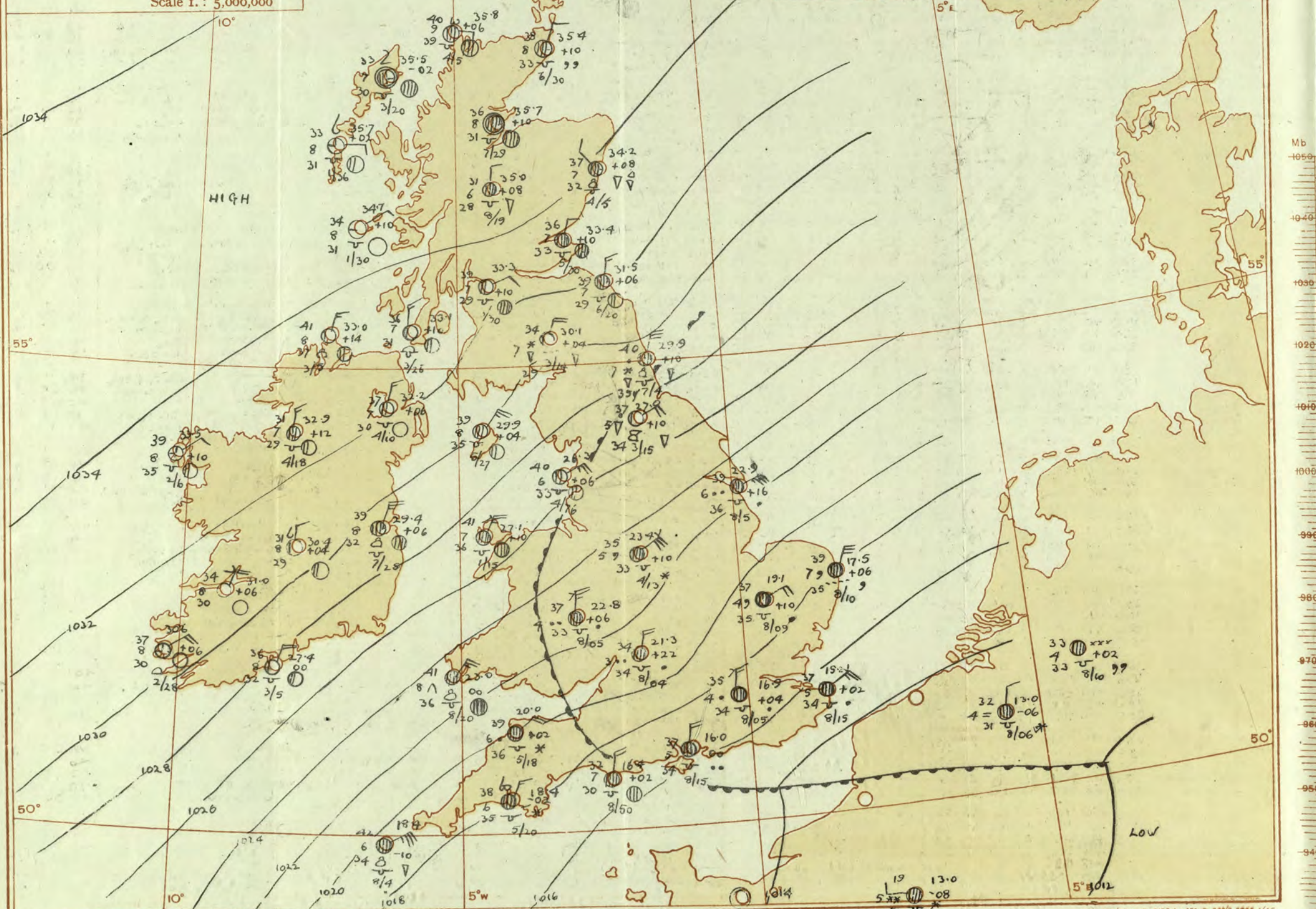
1945

## 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 ...	bccz	cs 15.0 m	cs 10.0 m	34	33	32	0.3	2	1.0	93	93
Croydon ...	cmpos	cmpos	cs 10.0 m	33	31	27	8	3	0.6	93	93
Greenwich ...	cs	cs	cs 10.0 m	33	30	30	0.3	2.3	1.1	87	97
Westminster	.	.	.	37	32	32	2.4	.	.	87	92
Regents Park	.	.	.	37	29	22	Tr	3.0	.	92	95
Camden Square	c	os	.	30	30	26	Tr	3.3	.	.	96
Kensington ...	bccs	os	.	34	31	29	Tr	2.5	.	91	96
Hampstead ...	bccsx	osx	osx	32	28	26	0.2	2.7	.	.	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.4 Time 6-10 Min 0.1 Time 10-6h. 11h 12h





# GENERAL INFERENCE

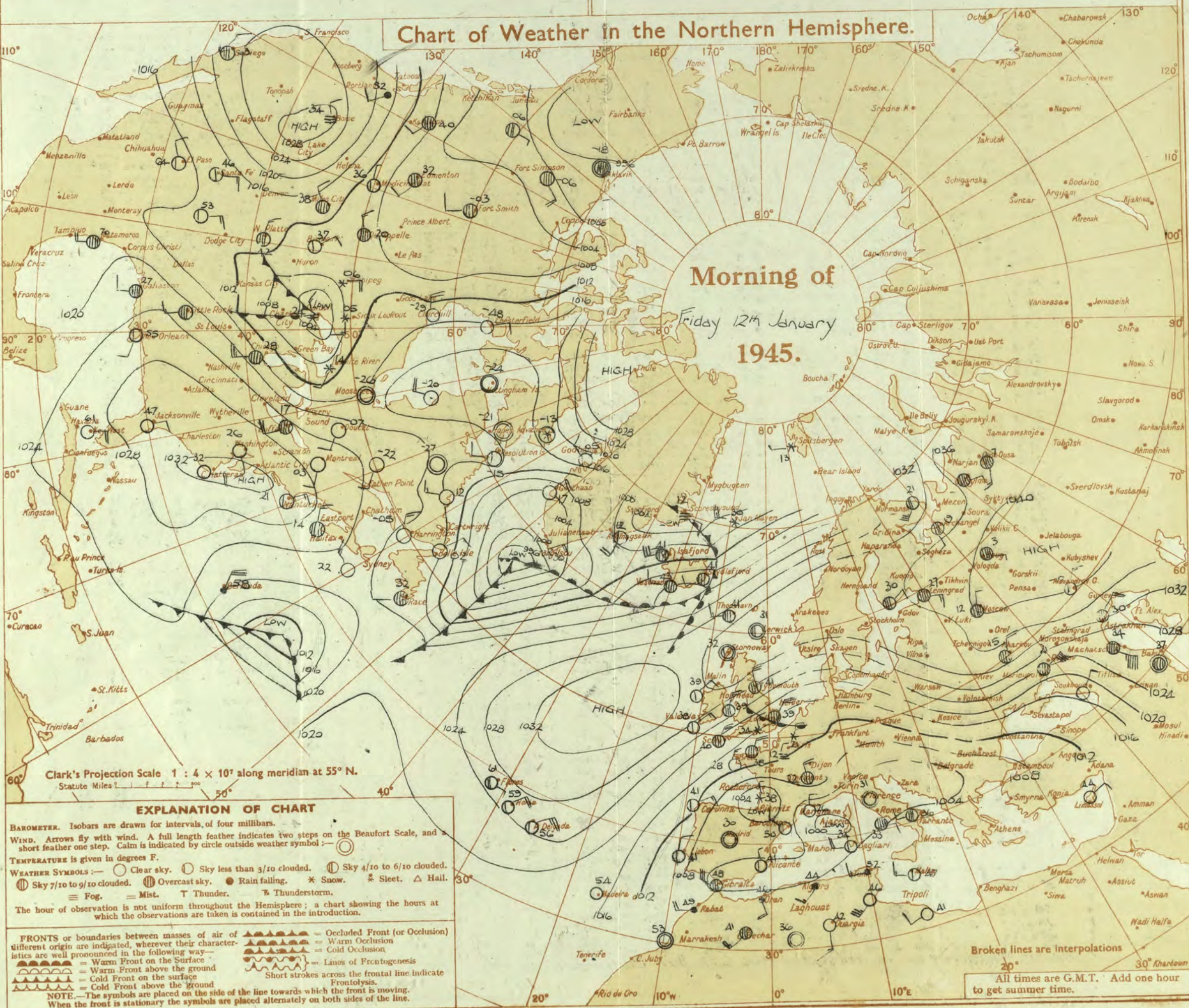
A ridge of high pressure over Scotland is intensifying and will move slightly southwards. Pressure will remain relatively low to southeast of England. In Scotland it will be cold and fair apart from a few coastal showers. In England and Wales it will be cloudy with slight local rain or drizzle, the thaw which set in during last night continuing, but with temperatures remaining rather low.

# FURTHER OUTLOOK

Fair and quiet in the North. Cloudy in the South with temperature falling again.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 12th January  
1945.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Thursday 12th January 1945  
No. 30367

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.		Weather.	Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point	Visibility.	Cloud.					State of Ground.	Weather.		Temperature		Rain.						
					Dir.	Force.					Form.	Amount.		Height of Base Hundreds of feet.	Dir.			Force.	Form.					Amount.		Height of Base Hundreds of feet.	18h.-00h.	00h.-06h.		Min. (°F.)	Min. on Grass (°F.)									
												Low.	Med.											High.	Low.							Med.	High.		Low.	Med.	High.	Low.	Med.	High.
1	Kew	16	15.7	-10	NW	2	2	34	32	5	2	8	8	5	10	17.5	+6	NW	4	10	35	34	5	2	8	8	5	10	17.5	6	cs. r. m.	cs. r. m.	33	32	2					
	Croydon	217	15.7	-10	NW	2	2	34	32	5	2	8	8	5	10	17.5	+6	NW	4	10	35	34	5	2	8	8	5	10	17.5	6	cs. r. m.	cs. r. m.	33	32	2					
	Boscombe Down	417	17.4	-10	NW	2	2	34	32	5	2	8	8	5	10	17.3	+6	NW	4	10	35	34	5	2	8	8	5	10	17.3	6	cs. r. m.	cs. r. m.	33	32	2					
	Thorney Island	10	16.5	-4	NNW	3	3	33	32	5	2	8	8	5	10	16.0	0	NNW	3	10	33	32	5	2	8	8	5	10	16.0	6	cs. r. m.	cs. r. m.	33	32	2					
	Friston	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	Lympne	341	14.7	-10	NW	2	2	32	31	3	2	8	8	5	10	15.2	0	NW	4	10	35	34	5	2	8	8	5	10	15.2	6	cs. r. m.	cs. r. m.	30	30	4					
	Manston	140	15.0	-6	N	1	1	32	32	4	5	8	8	5	10	15.2	+2	N	1	10	35	34	5	2	8	8	5	10	15.2	6	cs. r. m.	cs. r. m.	32	31	6					
2	North Weald	244	16.0	-8	N	1	1	32	32	4	5	8	8	5	10	17.6	-6	N	1	10	35	33	4	5	8	8	5	10	17.6	6	cs. r. m.	cs. r. m.	32	31	3					
	Felixstowe	10	16.0	0	NE	6	6	35	33	5	8	8	8	5	10	16.6	+6	NE	6	10	38	36	5	8	8	5	10	16.6	6	cs. r. m.	cs. r. m.	32	31	3						
	Gorleston	5	16.8	+10	NE	6	6	35	33	5	8	8	8	5	10	17.5	+6	NE	6	10	39	35	7	6	8	8	5	10	17.5	6	cs. r. m.	cs. r. m.	38	33	0.2					
	Mildenhall	15	17.2	-2	NE	4	4	36	34	5	5	8	8	5	10	19.1	+10	NE	4	10	37	35	4	5	8	8	5	10	19.1	6	cs. r. m.	cs. r. m.	34	32	2					
	Bircham Newton	221	18.3	+6	ENE	4	4	37	35	5	5	8	8	5	10	20.7	+12	ENE	4	10	38	36	5	5	8	8	5	10	20.7	6	cs. r. m.	cs. r. m.	36	33	0.3					
	Cranwell	203	20.2	+1	NNE	4	4	36	34	5	5	8	8	5	10	23.2	+14	NNE	4	10	36	34	5	5	8	8	5	10	23.2	6	cs. r. m.	cs. r. m.	36	34	0.3					
	Cranfield	349	17.4	-8	N	5	5	35	33	4	5	8	8	5	10	19.0	+6	N	5	10	35	34	5	5	8	8	5	10	19.0	6	cs. r. m.	cs. r. m.	33	31	3					
	Honiley	427	15.6	0	NNE	5	5	35	32	5	5	8	8	5	10	21.5	+14	NNE	5	10	36	35	5	5	8	8	5	10	21.5	6	cs. r. m.	cs. r. m.	32	32	1					
4	Little Rissington	731	10.4	-6	NE	4	4	32	32	3	2	8	8	5	10	21.3	+12	NE	4	10	34	34	2	5	8	8	5	10	21.3	6	cs. r. m.	cs. r. m.	34	32	0.3					
	Shobden	318	21.4	0	N	4	4	36	33	4	5	8	8	5	10	22.8	+6	N	4	10	37	33	4	5	8	8	5	10	22.8	6	cs. r. m.	cs. r. m.	32	27	2					
5	Bristol	209	19.6	-4	NE	4	4	34	33	4	5	8	8	5	10	20.2	+6	NE	4	10	37	35	4	5	8	8	5	10	20.2	6	cs. r. m.	cs. r. m.	36	34	2					
	Chivenor	20	20.4	+2	NNE	3	3	37	32	6	5	8	8	5	10	20.0	+2	NNE	3	10	39	36	6	5	8	8	5	10	20.0	6	cs. r. m.	cs. r. m.	36	34	2					
	Yeovilton	50	18.2	-4	NW	3	3	35	34	6	5	8	8	5	10	18.1	+6	NW	3	10	37	35	6	5	8	8	5	10	18.1	6	cs. r. m.	cs. r. m.	32	20	1					
	Portland Bill	32	16.6	-2	N	4	4	34	31	7	5	8	8	5	10	16.4	+2	N	4	10	32	30	7	5	8	8	5	10	16.4	6	ops	om	31	29	0.4					
	Exeter	100	18.7	-6	N	3	3	35	31	5	5	8	8	5	10	18.5	-2	N	3	10	37	33	6	5	8	8	5	10	18.5	6	ops	om	32	31	1					
	Plymouth	86	19.1	-4	NNE	3	3	35	30	6	5	8	8	5	10	18.4	-2	NNE	3	10	38	35	6	5	8	8	5	10	18.4	6	ops	om	32	27	0.5					
	St. Eval	345	20.4	+2	NE	4	4	36	29	6	5	8	8	5	10	19.8	-8	NE	4	10	36	36	6	5	8	8	5	10	19.8	6	ops	om	32	27	0.5					
	The Lizard	240	18.7	0	NE	4	4	36	30	6	5	8	8	5	10	17.8	-8	NE	4	10	37	34	6	5	8	8	5	10	17.8	6	ops	om	32	27	0.5					
6	Scilly, St. Marys	163	19.0	+2	NEE	6	6	36	30	7	8	8	8	5	10	18.4	-10	NEE	6	10	42	34	6	8	8	8	5	10	18.4	6	ops	om	33	25	0.2					
	Fairwood	268	21.6	+4	NNE	5	5	36	32	6	5	8	8	5	10	21.0	0	NNE	5	10	37	35	6	5	8	8	5	10	21.0	6	ops	om	33	25	0.1					
	Pembroke	142	23.3	+1	NE	5	5	39	35	8	8	8	8	5	10	23.0	0	NE	5	10	41	36	8	8	8	8	5	10	23.0	6	ops	om	38	34	0.4					
	Aberporth	425	23.7	+2	NNE	4	4	39	34	6	5	8	8	5	10	23.7	+6	NNE	4	10	40	34	6	5	8	8	5	10	23.7	6	ops	om	38	36	Tr					
7	Penrhos	63	24.2	+2	NNE	4	4	39	34	6	5	8	8	5	10	25.3	+6	NNE	4	10	40	34	6	5	8	8	5	10	25.3	6	ops	om	38	36	Tr					
	Holyhead, Valley	32	25.6	+4	N	3	3	39	34	8	5	8	8	5	10	27.4	+10	N	3	10	41	36	7	5	8	8	5	10	27.4	6	ops	om	37	37	Tr					
	Hawarden	15	24.1	+4	N	3	3	39	34	8	5	8	8	5	10	25.8	+8	N	3	10	41	36	7	5	8	8	5	10	25.8	6	ops	om	37	34	0.4					
8	Manchester	230	22.5	-2	NEN	4	4	37	33	6	5	8	8	5	10	24.8	+6	NEN	4	10	40	34	6	5	8	8	5	10	24.8	6	ops	om	37	31	0.1					
	Squires Gate	30	25.1	+6	NNE	3	3	39	33	6	5	8	8	5	10	26.3	+6	NNE	3	10	40	34	6	5	8	8	5	10	26.3	6	ops	om	37	31	0.1					
	Silloth	25	27.9	+6	NNE	5	5	37	32	8	5	8	8	5	10	29.6	+6	NNE	5	10	40	34	6	5	8	8	5	10	29.6	6	ops	om	34	30	0.1					
9	Ashbourne	590	21.3	+2	N	6	6	35	33	5	5	8	8	5	10	23.4	+10	N	6	10	35	33	5	5	8	8	5	10	23.4	6	ops	om	33	33	0.3					
	Snaith	30	23.3																																					



BRITISH  
SECTION

# CONFIDENTIAL THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Saturday 13<sup>th</sup> January 1945

No. 30368

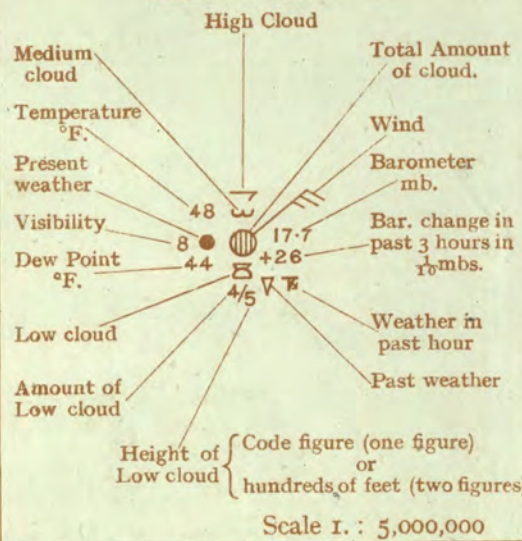
OBSERVATIONS at 12h. G.M.T. 12<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 12<sup>th</sup> January

OBSERVATIONS during DAY

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.						Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point. (23)	Visibility. (24)	Cloud.						Height of Base H. ndreds of feet. (32)	State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. mm. (38)
				Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Form. (25)	Amount. (26)	Direc. (19)	Force. (20)			Form. (25)	Amount. (26)																	
																								Low. (11)	Med. (12)	High. (13)	Total. (14)	Low. (27)	Med. (28)			High. (29)	Total. (30)			
1	Kew Croydon Boscombe Down Thorney Island Friston	19.0 19.7 19.6 16.9	0 +2 +4 -2	NE IN NNE NE IN NE	4 5 5 5	20 19 19 18	38 37 36 38	35 36 34 35	5 4 6 6	8 8 8 8	7 7 7 7	8 8 8 8	11 6 5 6	15 20 19 18	+0.3 +0.6 +0.6 +0.4	NE NE NE NE	4 4 5 4	4 4 5 4	dd ir id id.	38 37 37 38	36 36 35 36	6 6 6 5	5 5 5 5	2 2 2 2	8 8 8 8	7 8 8 8	8 9 8 9	12 9 8 9	25 25 15 15	1 6 1 1	ir, dd, d, m, h cir, cir, m, m cir, m, m, m cd, d, m, m, m	cid, d, m, m cir, m, m cir, m, m, m cd, d, m, m	39 37 37 39	0.0 0.0 0.0 .	1 1 1 1	
2	Lympne Manston North Weald Felixstowe Corleston	16.0 16.6 19.3 18.5 20.2	+2 0 +2 +6 +2	NE NE NNE NE IN NNE	7 6 4 6 6	37 35 40 39 40	36 38 34 37 37	5 5 5 5 7	5 5 5 5 6	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8	6 6 6 6 12	19.1 19.0 20.9 21.9 21.8	+2.2 +2.0 +0.8 +1.2 +2.2	SE ENE ENE ENE NE	3 4 5 6 6	3 4 5 6 6	dd Z dd Z id.	38 38 36 36 38	36 34 35 36 35	6 6 6 6 6	5 5 5 5 5	1 1 1 1 1	8 8 8 8 8	8 3 6 6 8	8 8 8 8 10	6 6 18 18 10	4 15 15 15 1	4 1 1 1 1	cd, d, r, m, m, m cir, m dd, d, m, m cir, m, m cd, d, m, m	cd, d, m, m, m cir, m, m, m cm, cd, d, m cir, m, m, m cd, d, m	37 42 37 35 40	0.0 0.0 0.0 0.0 0.0	2 1 1 0.3 0.1	
	Mildenhall Birchenham Newton Cranwell	20.8 22.1 24.0	+2 +4 -2	NE IN NE NNE	5 5 4	33 33 37	35 35 34	7 6 6	5 5 5	8 8 8	8 8 8	8 8 8	9 15 10	22.1 23.2 24.5	+0.6 +0.6 +2	NE ENE NE	3 4 4	3 4 4	dd ir Z	38 38 36	36 36 35	6 6 6	5 5 5	1 1 1	8 8 8	6 4 4	8 8 8	9 10 10	15 25 1	4 6 6	cid, m, m cir, m dd, d, m, m, m cir, m, m, m	cid, id, m, m cir, m cir, m, m cd, d, m, m	39 39 37	0.0 0.0 0.0	0.1 2 0.6	
	Cranfield Honiley	21.4 23.0	+6 +2	N NNE	4 5	36 37	34 32	7 5	5 5	8 8	8 8	8 8	10 10	21.6 23.6	+6 +0	NE NE	4 4	4 4	r, r C	36 37	35 33	6 7	5 5	2 1	8 8	5 8	8 10	5 15	14 15	6 1	cid, m, m cir, m dd, d, m, m, m cir, m, m, m	cid, id, m, m cir, m cd, d, m, m cd, d, m, m	37 37	0.0 0.0	2 Tr	
	4	Little Rissington Shobden	21.7 27.0	+4 0	NE NE	5 5	34 38	33 32	7 5	5 5	8 8	8 8	8 12	21.5 25.2	+1.4 +1.2	NE NE	5 5	5 5	id. id.	35 38	33 34	7 6	5 5	1 1	8 8	5 8	8 8	7 12	15 15	1 1	cd, d, m, m cir, id, m, m	cid, id, m, m cm, id, m, m	36 39	0.0 0.0	1 Tr	
		Bristol Chivenor Yeovilton	21.7 21.5 20.0	+2 +2 -4	NNE NE NE	5 6 5	38 41 38	33 33 35	5 5 7	5 5 5	8 8 8	8 8 8	8 10 10	21.7 21.5 18.9	+1.4 +1.6 +4	NE NE NE	5 6 5	5 6 5	dd C Z	38 41 39	33 33 35	6 6 6	5 5 5	1 1 1	8 8 8	5 8 8	8 7 10	15 15 15	1 0 0	cd, d, m, m cir, id, m, m cd, d, m, m, m cd, d, m, m	cid, id, m, m cm, id, m, m cd, d, m, m cd, d, m, m	40 42 42	0.0 0.0 0.0	Tr 0.2 0.3		
Portland Bill Exeter Plymouth St. Eval The Lizard		16.8 20.1 20.8 21.4 18.6	-6 +10 +2 +2 -4	NE NE NNE NE NE	5 5 4 6 5	35 38 40 39 35	37 36 35 33 35	7 6 7 7 8	5 5 5 5 5	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8	50 15 15 10 15	16.6 19.6 20.1 20.3 18.5	+2 +8 +8 0 0	NE NE NE NE NE	5 5 4 6 6	5 5 4 6 6	r, r Z Z Z Z	39 40 41 40 40	37 37 35 32 35	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	10 15 15 10 15	1 40 25 15 1	1 1 1 0 0	cd, d, m, m cir, m dd, d, m, m cir, m, m, m cd, d, m, m	cid, id, m, m cm, m cd, d, m, m cd, d, m, m cd, d, m, m	40 40 41 40 40	0.0 0.0 0.1 0.0 0.0	2 Tr Tr 1 1		
6		Scilly, St. Marys Fairwood Pembroke Aberporth	20.8 22.2 24.5 25.6	+8 -8 -6 -6	NE NNE NNE NE	7 6 6 6	43 39 42 40	36 33 36 33	7 5 8 8	5 5 5 5	8 8 8 8	8 8 8 8	13 20 20 15	19.3 22.5 24.9 25.5	-2 +6 +6 +6	NE NE NE NE	5 7 7 7	5 6 6 6	C Z C Z	43 39 41 39	36 33 35 35	7 6 7 6	5 5 5 5	1 1 1 1	8 8 8 8	8 4 8 8	3 4 4 4	12 20 19 23	15 1 0 1	1 1 0 1	ir, m cm cd cir, m	cm, m, m cm cm cm	44 41 42 41	0.0 1.2 0.3 .	Tr Tr Tr Tr	
		Penrhos	27.3	-4	NE	5	41	34	8	5	8	8	20	27.8	+8	NE	5	5	dd	40	35	8	5	1	8	8	8	23	1	0	cd, m, m, m	cd, m, m, m	42	0.0	Tr	
	7	Holyhead, Valley Hawarden	28.8 27.6	-2 +2	NE NE	6 3	42 40	35 35	8 5	8 8	8 8	8 18	28.8 28.0	+4 +0	NE NE	6 3	6 3	dd Z	40 39	34 34	8 5	8 8	1 1	8 7	8 7	8 2	20 20	1 1	1 1	cd, m, m cm, m, m	cd, m, m cm, m, m	41 39	0.1 .	0.2 Tr		
		Manchester Squires Gate Silloth	26.4 28.8 32.2	-2 +2 +2	NE ENE SE	4 5 5	39 42 39	36 36 34	2 6 8	6 6 6	8 8 8	8 8 8	15 15 20	26.6 29.1 32.8	+0 +0 +0	NE NE NE	4 5 5	4 4 4	dd dd Z	37 40 37	34 34 31	6 6 8	5 5 5	1 1 1	8 8 8	6 6 4	3 3 30	10 20 30	1 0 1	1 0 1	cm, m, m, m cm, m, m, m cd, m, m	cm, m, m cm, m, m cd, m, m	40 42 40	0.0 .	Tr	
9		Ashbourne Snaith	28.5 27.3	-6 +6	NNE NNE	5 5	36 37	33 34	5 5	5 5	8 8	8 15	28.5 27.7	+0 +8	NE NE	5 5	5 5	dd Z	35 36	33 34	5 6	5 5	1 1	8 8	5 4	8 8	8 10	15 25	6 6	1 6	cid, m, m cir, m	cm, m, m cm, m, m	36 37	0.0 0.0	0.3 0.4	
	Spurn Head Leeming Tynemouth	24.5 29.0 32.0	-2 +2 0	NE NE NE	6 4 8	41 37 39	35 34 34	8 6 7	6 8 2	8 8 8	8 8 8	20 15	25.2 29.5 31.8	+6 +6 +4	NE NE NE	6 4 8	6 4 8	ir ir C	39 38 40	34 34 34	6 7 7	5 5 5	1 1 1	8 8 8	5 5 6	8 8 15	15 15 1	6 6 1	cd, m, m cir, m dd, d, m, m cm, m, m, m	cm, m, m cm, m, m cm, m, m cm, m, m	38 38 41	1.7 .	0.6 2			
	10	Acklington St. Abb's Head Leuchars	32.3 33.3 35.1	+2 +2 +6	NE NNE N	6 4 3	39 40 38	34 33 33	7 8 8	7 7 7	8 8 8	8 22 40	32.1 33.4 34.0	0 +0 +0	NE NE NE	5 5 5	5 5 5	ir C C	39 40 38	35 31 33	7 7 7	5 5 5	1 1 1	8 8 8	5 7 8	8 7 8	14 15 15	25 40 40	1 6 2	1 6 2	cd, m, m cir, m dd, d, m, m cm, m, m, m	cm, m, m cm, m, m cm, m, m cm, m, m	40 39 39	0.0 0.0 0.0	1 0.3 Tr	
Montrose Abbotsinch		35.8 34.6	+4 +4	NNE ENE	3 2	38 40	33 30	8 9	5 5	8 8	8 10	34.9 34.5	+4 +4	NE NE	5 5	5 5	dd Z	38 40	33 31	8 8	5 5	1 1	8 8	5 7	8 7	15 55	40 1	2 1	cm, m cd, m, m	cm, m cd, m, m	40 40	0.0 0.3	Tr			
11		Prestwick West Freugh Eskdalemuir Jurby, I. of Man	34.5 32.4 32.2 31.0	+2 0 +6 +4	NE NNE NNE NE	2 2 4 6	40 40 35 40	30 30 30 36	7 8 5 8	7 5 5 5	8 8 8 8	8 18 20 20	34.2 32.9 32.9 31.7	0 +6 +6 +6	NE NE NE NE	3 4 4 4	3 4 4 4	dd dd dd dd	38 37 34 40	30 33 32 35	6 6 6 6	5 5 5 5	1 1 1 1	8 8 8 8	8 4 4 3	1 5 5 3	27 20 16 26	25 40 40 40	3 7 7 0	1 7 7 0	cm, m, m b b, m, m, m cd, m, m cd, m, m	cd, m, m cd, m, m cd, m, m cd, m, m	39 37 40 41	0.0 0.8 .	Tr 0.2 Tr	
	13A	Machrihanish	34.5	+12	NE	2	39	29	7	5	8	20	34.3	+4	NE	2	2	dd	38	30	7	5	1	8	3	3	25	1	0	cd, m, m	cd, m, m	41	0.0	Tr		
		13B	Tiree Oban Stormoway	36.3 36.3 37.5	+6 +6 +8	NE E E	1 1 0	39 35 35	30 30 28	8 8 8	5 5 5	8 8 8	8 1 3	36.1 36.2 37.4	0 +6 +6	NE NE NE	1 1 1	1 1 1	dd dd dd	32 32 36	28 29 24	6 6 6	5 5 5	1 1 1	8 8 8	3 3 3	3 3 3	30 30 25	1 1 1	3 3 3	bb, m, m b cd, m, m cd, m, m	bb, m, m b cd, m, m cd, m, m	41 37 36	6.0 3.8 .	Tr Tr Tr	
			Cape Wrath Dalwhinnie	37.2 36.0	+6 +6	E ENE	1 2	41 31	30 26	9 7	5 7	8 8	4 21	37.																						



# STATION MODEL



6h

Saturday 13th January

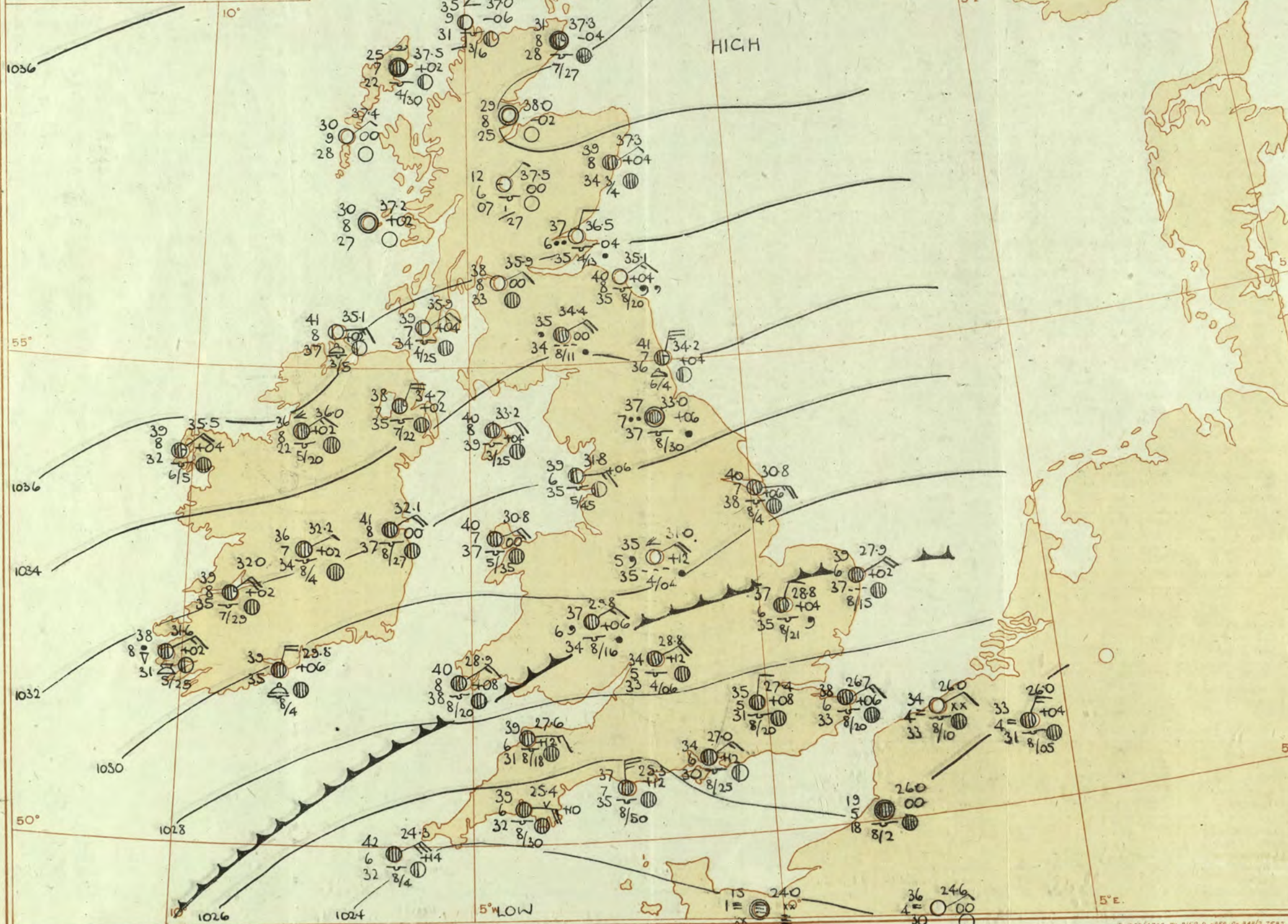
1945

## 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 %
				° F.	° F.	° F.	mm.	mm.	Yesterday	To-day	
Kew ...	ir. cd. m.	cid. m.	cid. m.	39	37	35	1	Tr	0.0	*	*
Croydon ...	ci. oc. cl.	ci. oc. m. c. m. m.		37	33	31	1	0.2	0.0	100	85
Greenwich ...	cid. m.	id. d. m.	id. c.	38	35	31	0.8	0.3	0.0	94	85
Westminster	.	.	.	41	37	35	1			86	82
Regents Park	.	.	.	38	37	34	Tr	0.6		90	86
Camden Square	od	cd	.	38	36	34	0.5	0.3		.	89
Kensington ...	od	cd	.	38	37	35	0.8	0.7		91	82
Hampstead ...	cd	or	o	37	33	30	0.2	0.6		.	91

Atmospheric Pollution Miligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. 13h. Max. 0.3 Time 8-12h. Min. 0.1 Time 0-5h. 13h.

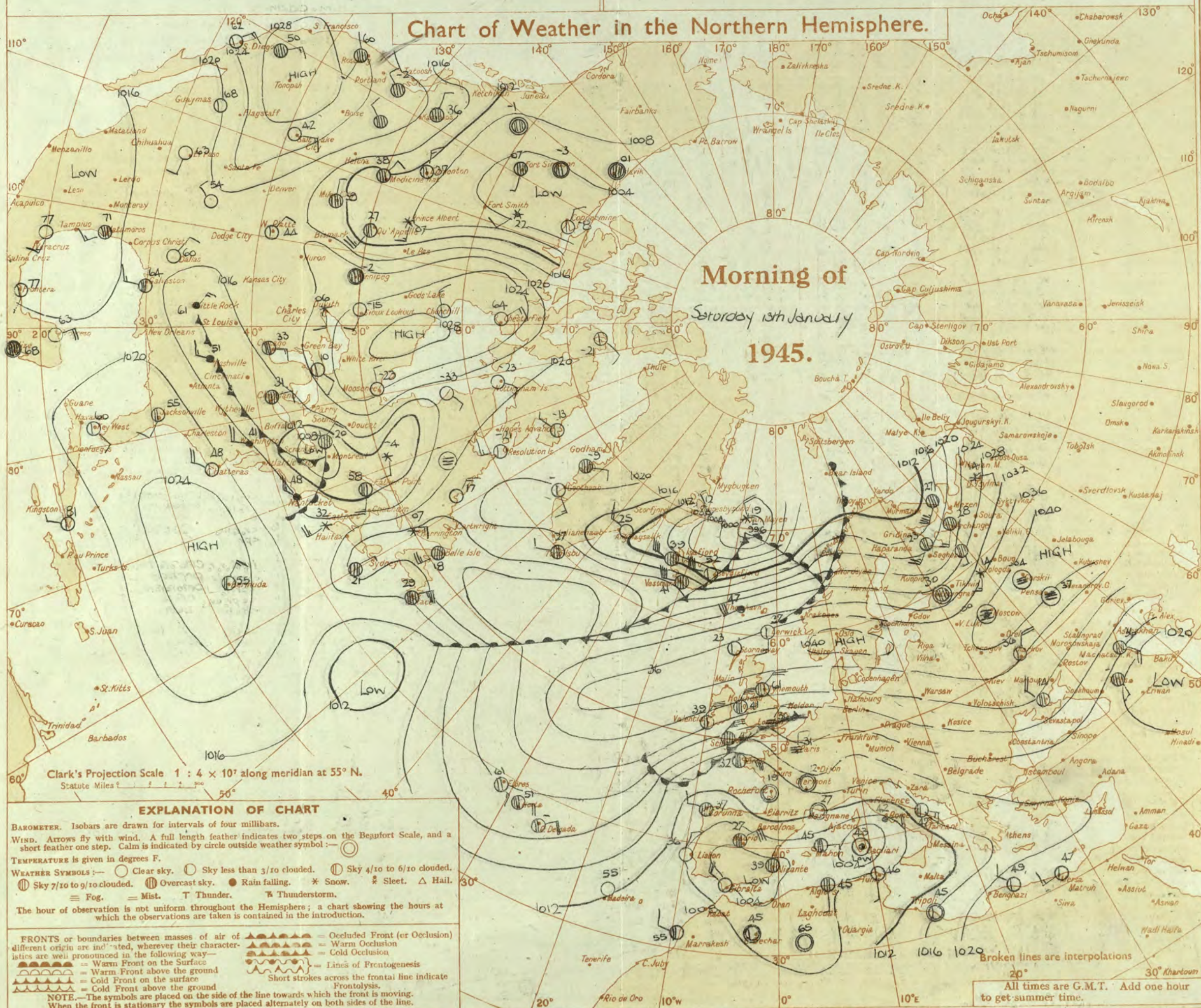




## FURTHER OUTLOOK

Little change.

Morning of  
Saturday 13th January  
1945.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Saturday 13th January 1945  
No. 30368

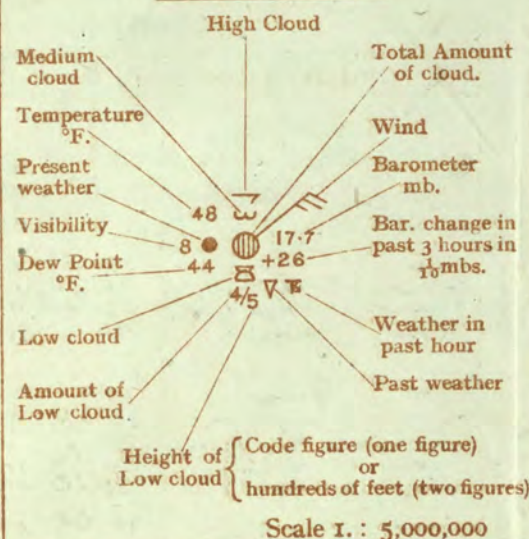
OBSERVATIONS at 00hr. G.M.T. 13 <sup>th</sup> January																	OBSERVATIONS at 06hr. G.M.T. 13 <sup>th</sup> January																	OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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.	Low.	Med.	High.	Total.			A.	B.					Low.	Med.	High.	Total.	A.	B.	18h.-00h.		00h.-06h.	Min. °F.	Min. on Grass °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													



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



# STATION MODEL



6h Sunday 14<sup>th</sup> January

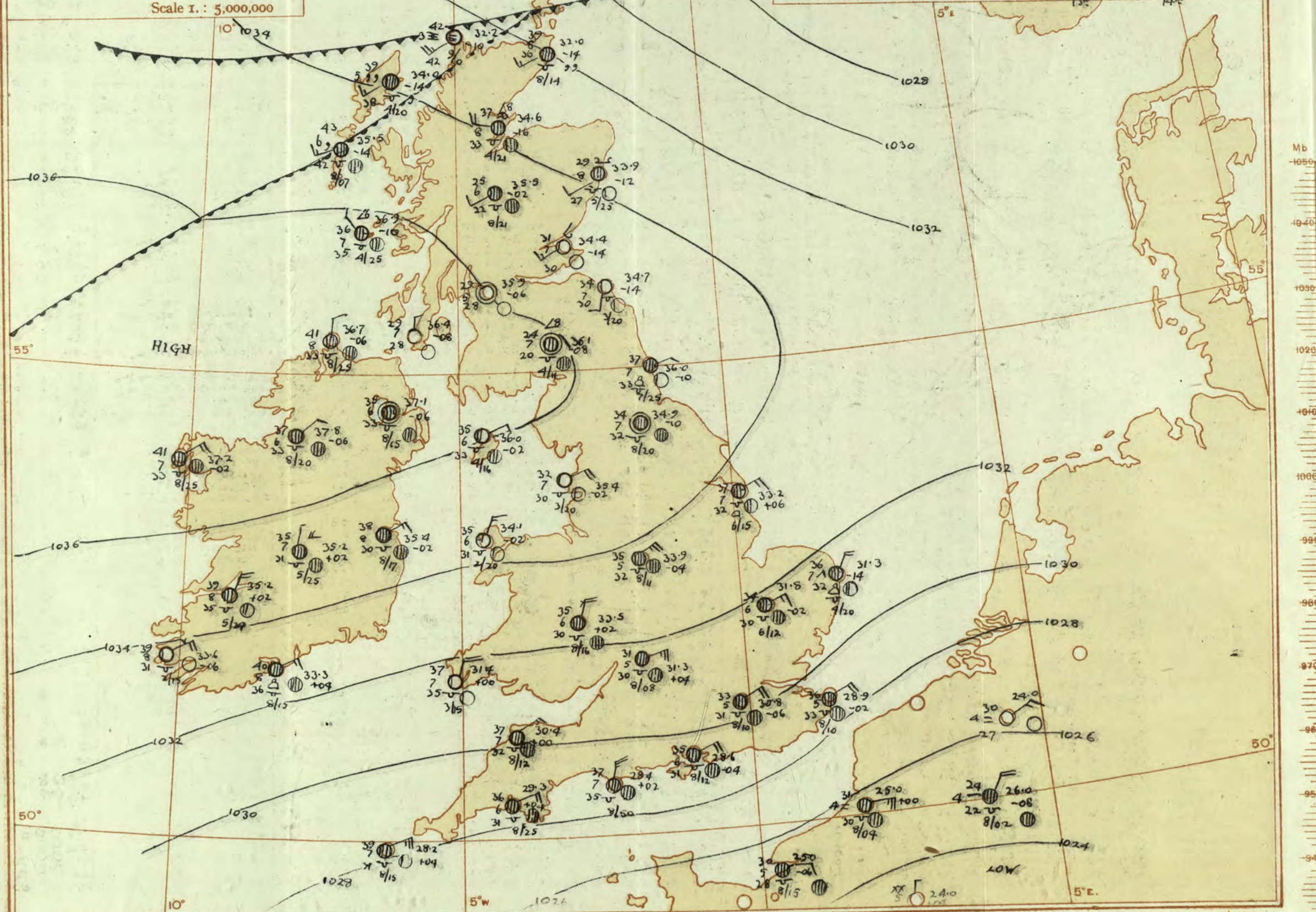
1945

## 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	Night	Min. on grass	Day	Night		15h %	9h %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To-day
Kew ...	cm mo	id mo	cd mo	39	34	32	0.1	-	0.0	-	-
Croydon ...	mo	cm id	cm cd	38	32	32	0.1	Tr	0.0	85	97
Greenwich ...	e	cd	cd	38	33	32	Tr	Tr	0.0	75	84
Westminster	.	.	.	40	34	33	0.3	.	.	75	81
Regents Park	.	.	.	.	.	.	.	.	.	.	.
Camden Square	0	c	.	38	33	31	.	0.0	.	.	87
Kensington ...	0c	c	.	39	33	32	.	0.0	.	81	88
Hampstead ...	0d	0x	0	36	31	29	0.0	.	.	.	88

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.3 Time 8-10h. Min. 0.1 Time 0-6h.





# GENERAL INFERENCE

A. anticyclone is centred west of the British Isles with a ridge to South Scotland moving slowly south. A trough of low pressure will move South across Scotland. Weather will be mainly cloudy in Scotland with drizzle in North and West spreading South; showers later in northeast. Weather will be mainly cloudy in England, Wales and Ireland, with some bright intervals, but there will be some drizzle in the extreme north of Ireland and England tomorrow morning. There will be local fog in England in the morning. Cold generally, with frost in most districts of England and Wales tonight, and locally in Scotland and Ireland.

# FURTHER OUTLOOK

Mainly fair and cold.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 14th January  
1945.





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

Sunday 14th January 1945

No. 3035

OBSERVATIONS at 00hr. G.M.T. 14th January																	OBSERVATIONS at 06hr. G.M.T. 14th 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.	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.	Med.	
1	Kew ...	16						36									30.6			NE	4	N		34	30	5							1	cddomo	cmo	34	32	Tr
	Croydon ...	217	31.3	+6	ENE	4	id	35	33	5							30.8			NE	4	N		33	31	5							0	cmo idmo	cmo idmo	32	32	Tr
	Boscombe Down ...	417	29.5	+2	NE	4	N	35	32	6							29.9			NE	4	N		32	30	5							0	cmo idmo	cmo idmo	31	31	Tr
	Thorney Island ...	10	28.4	+2	NE	4	N	37	34	6							28.6			NE	4	N		35	31	6							1	cmo	cmo	33	30	Tr
	Friston ...																																					
	Lympe ...	341	30.8	0	NE	5	N	35	33	5							28.9			NE	4	N		35	32	5							4	Kenmo	cmo	34	26	Tr
	Manston ...	140	29.4	+2	ENE	3	N	36	33	5							28.9			NE	4	N		36	33	5							1	cmo	cmo	35	35	Tr
2	North Weald ...	244	31.5	+6	NNE	4	N	35	33	5							31.1			NE	4	N		36	33	5							0	cmo idmo	cmo idmo	33	29	Tr
	Felixstowe ...	10	29.0	+4	NE	4	N	35	32	6							20.8			NE	4	N		36	32	5							1	cmo	cmo	35	31	Tr
	Gorleston ...	5	32.6	+10	NE	4	N	35	32	7							31.3			NNE	4	N		36	32	5							1	cmo	cmo			Tr
	Mildenhall ...	15	32.2	+2	ENE	3	N	34	31	5							31.8			NE	3	N		34	30	6							1	cmo idmo	cmo idmo	33	30	Tr
	Bircham Newton ...	221	32.9	+2	ENE	3	N	34	31	6							32.4			ENE	3	N		34	31	6							1	cmo	cmo	34	31	Tr
	Cranwell ...	203	33.7	+4	NE	4	N	35	33	5							33.2			NE	4	N		35	33	5							1	cmo	cmo	34	32	0.2
3	Cranfield ...	340	32.1	+4	NE	4	N	34	31	5							32.0			NE	4	N		35	33	5							1	cmo idmo	cmo idmo	33	22	Tr
	Honiley ...	427	32.5	0	ENE	4	N	35	32	6							32.2			NNE	5	N		34	30	6							1	cmo	cmo			Tr
4	Little Rissington ...	731	31.3	+6	ENE	5	N	32	30	5							31.3			ENE	5	N		31	30	6							1	cmo idmo	cmo idmo	30	30	Tr
	Shobden ...	318	33.1	+4	NE	4	N	36	32	5							33.5			NNE	4	N		35	30	6							1	cmo idmo	cmo idmo	34	34	Tr
5	Bristol ...	209	31.8	+10	NE	4	N	35	31	5							31.4			ENE	5	N		34	31	6							1	cmo idmo	cmo idmo	33	32	Tr
	Chivenor ...	20	30.3	+4	ENE	3	N	38	33	7							30.4			ENE	5	N		37	32	7							1	cmo idmo	cmo idmo	36	35	Tr
	Yeovilton ...	50	29.8	-4	NEN	4	N	36	33	6							29.6			NE	5	N		35	29	5							0	id id	id id	33	32	Tr
	Portland Bill ...	32	28.0	+10	N	5	N	38	36	7							28.4			N	5	N		37	35	7							1	oo	oo	34	33	Tr
	Exeter ...	100	29.1	-2	NE	5	N	37	31	7							29.6			NE	5	N		36	29	6							0	cmo	cmo	35	34	Tr
	Plymouth ...	86	28.2	0	E	4	N	37	30	6							29.3			ENE	4	N		36	31	6							1	cmo	cmo	33	32	Tr
	St. Eval ...	345	29.1	-2	ENE	3	N	36	30	6							30.0			ENE	4	N		34	31	6							1	cmo	cmo	33	32	Tr
	The Lizard ...	240	26.9	0	NE	4	N	39	34	6							27.4			ENE	6	N		39	36	6							0	cmo	cmo	35	35	Tr
	Scilly, St. Marys ...	163	28.0	+6	ENE	5	N	39	29	7							28.2			ENE	5	N		39	31	7							0	cmo	cmo	37	24	Tr
6	Fairwood ...	268	31.2	0	NE	4	N	37	33	6							31.5			NNE	2	N		34	30	7							0	cmo	cmo	32	26	Tr
	Pembroke ...	142	31.2	+2	NEN	5	N	39	36	6							31.4			NNE	4	N		38	32	7							0	cmo	cmo	32	26	Tr
	Aberporth ...	425															32.2			NE	5	N		39	30	7							1	cmo	cmo	32	26	Tr
7	Pentnos ...	63	33.0	-2	NE	4	N	36	31	6							33.1			NE	5	N		39	28	6							0	cmo	cmo	30	29	Tr
	Holyhead, Valley ...	32	33.6	-6	ENE	5	N	37	32	7							34.1			NNE	3	N		35	31	6							0	cmo	cmo	30	27	Tr
	Hawarden ...	15	35.0	+2	ESE	3	N	36	31	5							34.9			NNE	2	N		34	21	5							1	cmo	cmo	30	18	Tr
8	Manchester ...	230	33.9	-2	E/S	3	N	36	32	6							33.8			NE	3	N		33	30	6							0	cmo	cmo	30	26	Tr
	Squires Gate ...	30	35.2	-2	E	2	N	37	32	7							35.4			NE	3	N		36	30	7							0	cmo	cmo	26	23	Tr
	Silloth ...	25	36.5	-2	NNE	4	N	34	32	8							35.7			NE	5	N		35	27	6							0	cmo	cmo	25	23	Tr
9	Ashbourne ...	590	35.4	+6	NNE	4	N	35	32	5							33.9			NE	5	N		35	32	5							1	cmo	cmo	33	33	Tr
	Snaith ...	30	35.4	-2	NE	3	N	36	33	6							35.1			NE	3	N		36	33	6							1	cmo	cmo	36	33	Tr
10	Spurn Head ...	29	38.8	-6	ESE	4	N	39	34	6							33.2			SSE	3	N		37	32	7							0	cmo	cmo	34	28	Tr
	Leeming ...	105	35.9	-10	NE	1	N	36	34	7							34.9			E	2	N		34	32	7							1	cmo	cmo	34	33	Tr
	Tynemouth ...	108	37.6	-2	ENE	3	N	39	33	7							36.0			ENE	2	N		37	33	7							1	cmo	cmo	34	33	Tr
11	Acklington ...	138	37.1	-4	NE	2	N	36	32	7							35.2																					

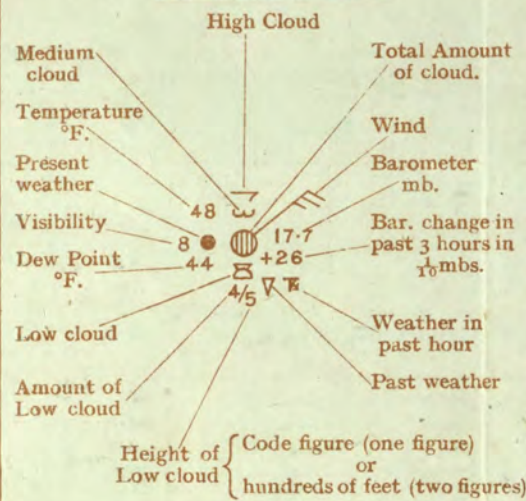


NELSON K. JOHNSON, K.C.B., D.Sc., Director.  
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

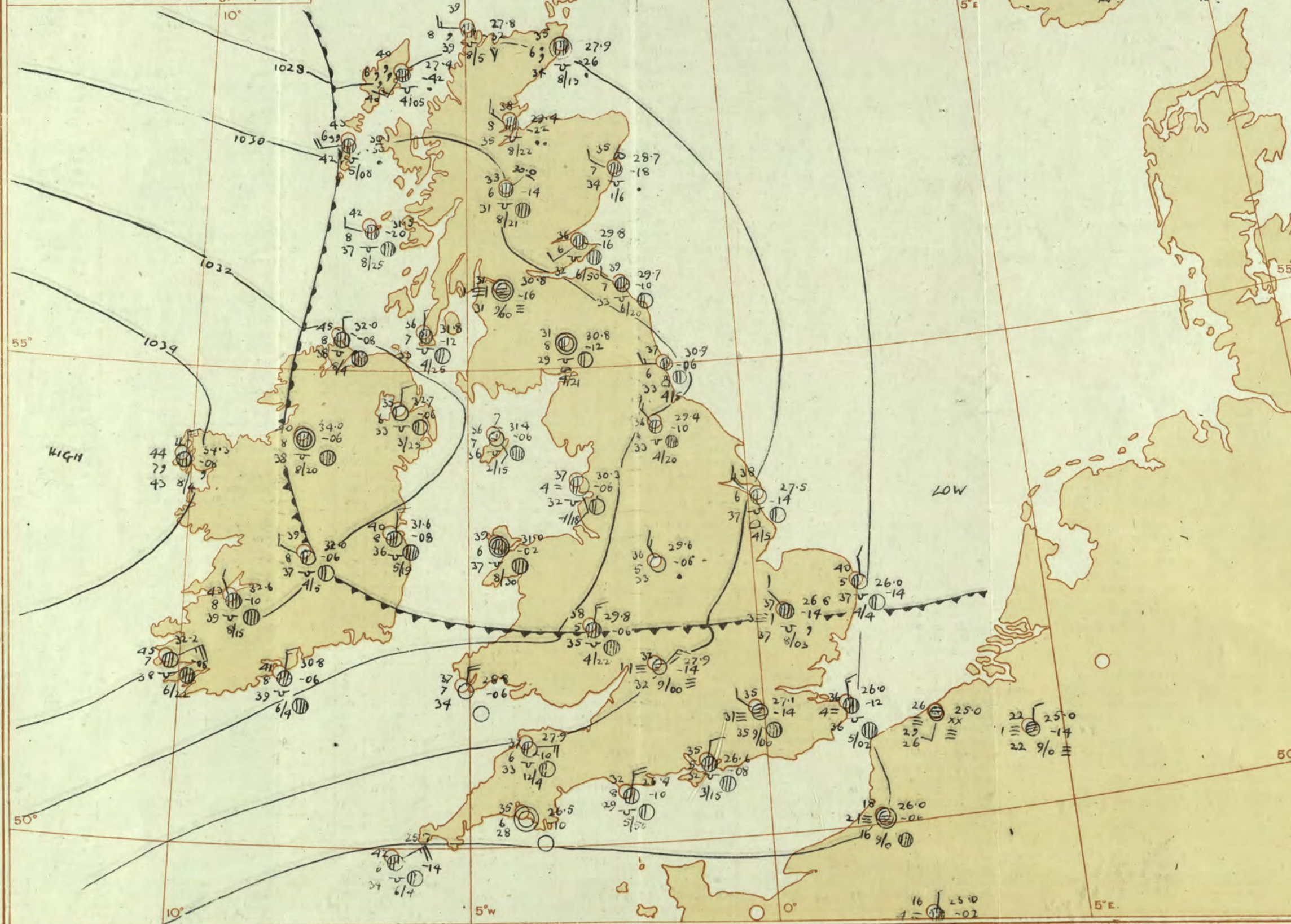
0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{5}$	6 = $\frac{6}{10}$	8 = Completely covered.
1 = Trace	3 = $\frac{3}{10}$	5 = $\frac{5}{10}$	7 = More than 6 but with openings.	9 = Sky obscured by fog, etc.



# STATION MODEL



Scale 1 : 5,000,000



6h Monday 15<sup>th</sup> January 1945

## 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	Night	Min. on grass	Day	Night		15h	9h
				Max.	Min.	° F.	mm.	mm.		Yesterday	To- day
Kew ...	cm	cm	cm	38	34	32	Tr	Tr	2.0	85	97
Croydon ...	m <sub>3</sub>	c2cm	cm, cf	38	34	34	-	-	0.6	85	97
Greenwich ...	c	c	cf	38	32	31	-	-	2.5	89	95
Westminster	.	.	.	40	38	31	-	-	.	85	91
Regents Park	.	.	.	38	34	29	-	-	.	81	89
Camden Square	c	c	.	38	33	30	-	-	.	81	96
Kensington ...	bc	bc	.	38	34	29	Tr	Tr	.	84	95
Hampstead ...	bc	bc	co	36	31	25	Tr	Tr	.	84	98

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.3 Time 14.14 Min. 0.1 Time 0.24.



# GENERAL INFERENCE

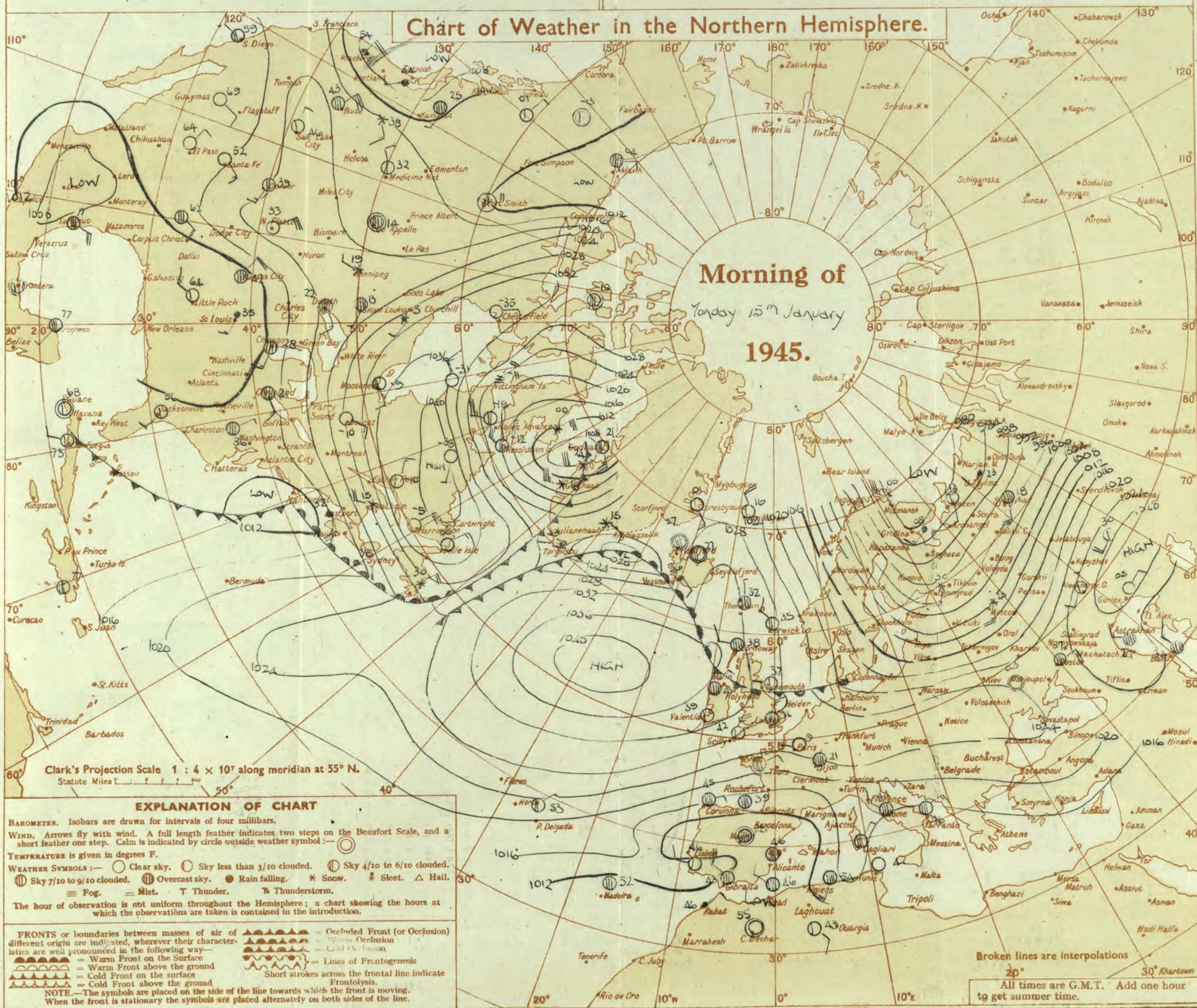
A large anticyclone is centred west of the British Isles, and troughs of low pressure are moving southeast then south across the British Isles. Weather will be doody in Scotland, with some rain or drizzle, especially in the West and North, where there will be much hill fog. Weather will be dool at first in Southern England, with local drizzle and fog, and there will be more general fog there tonight. Over the rest of England and Wales there will be some bright intervals at first, but more general cloud and local drizzle will spread southeast tonight and tomorrow. There will be fog in the Midlands and East England tonight. Weather will be cloudy in Ireland, with local drizzle. Rather cold in the northwest, cold elsewhere.

# FURTHER OUTLOOK

Cloudy, with some rain in the South, and showers in the North.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Today 15<sup>th</sup> January  
1945.





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

Monday 15<sup>th</sup> January 1945

No. ....

[illegible]

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

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

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

\* Information not usually received.



BRITISH  
SECTION

# CONFIDENTIAL THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

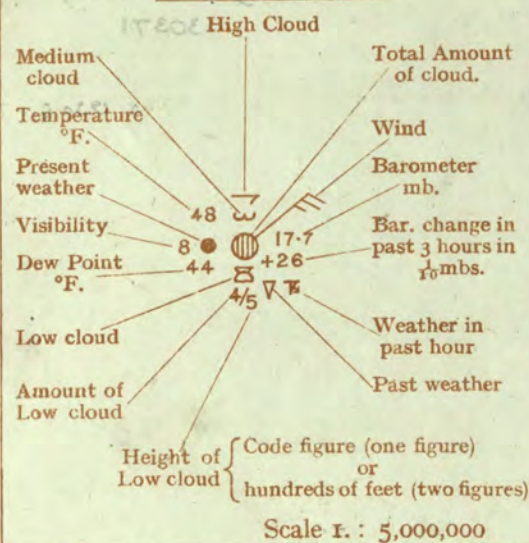
Tuesday 16th January 1945

No. 30371

OBSERVATIONS at 12h. G.M.T. 15th January															OBSERVATIONS at 18h. G.M.T. 15th January															OBSERVATIONS during DAY									
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F (6)	Dew Point °F (7)	Cloud.			Height of Base Hundreds of feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F (22)	Dew Point °F (23)	Cloud.			Height of Base Hundreds of feet. (31)	Barom. at M.S.L. (32)	Change in 3 hours. (33)	Weather.		Max. Temp. °F. (36)	Sun- shine Hrs. (37)	Rain °F. (38)									
				Dir.	Force.				Form.	Amount.	Dir.				Force.	Form.				Amount.	06h.-12h. (34)	12h.-18h. (35)																	
																										Low.	Med.				High.	Total.	A.	B.	A.	B.	A.	B.	
1	Kew ...	26.8	-4	NNE	3	20	40	36	5	5	18	25	24.7	-4	NNE	2	20	39	32	5	5	18	25	24.7	-4	id. d. c. d. m.	cbcm	42	0.0	Tr									
	Croydon ...	27.1	-6	N	3	20	39	36	5	5	10	15	24.7	-4	N	3	20	39	32	5	5	10	15	24.7	-4	off, cff	cbcm	41	0.0	Tr									
	Boscombe Down ...	27.5	-2	NNE	3	20	37	34	5	5	8	15	25.4	-2	NNE	2	20	34	33	4	4	8	15	25.4	-2	cm	cbcm	39	1.3	-									
	Thorney Island ...	26.3	-6	N	2	20	41	36	5	5	10	15	24.4	-2	N	2	20	35	32	5	5	10	15	24.4	-2	cmobcm	cbcm	42	0.0	-									
	Friston ...	26.8	-4	NNE	3	20	40	36	5	5	18	25	24.7	-4	NNE	2	20	39	32	5	5	18	25	24.7	-4	id. d. c. d. m.	cbcm	42	0.0	Tr									
	Lympne ...	25.6	-2	NNE	4	20	40	39	6	6	7	15	24.1	0	NNE	2	20	37	34	6	6	7	15	24.1	0	cd. d. m. c. m.	cbcm	42	3.5	Tr									
	Manston ...	25.6	-2	N	4	20	40	39	6	6	7	15	24.0	-2	N	4	20	37	34	6	6	7	15	24.0	-2	apid. m. c. m.	cbcm	42	3.3	-									
2	North Weald ...	27.0	-6	NNE	3	20	39	37	7	7	10	25	25.0	+2	NNE	2	20	34	33	5	5	10	25	25.0	+2	od. d. f. c. m.	cbcm	40	0.0	-									
	Felixstowe ...	26.0	-10	NNE	4	20	42	37	6	6	35	30	24.5	0	NNE	1	20	35	33	5	5	30	30	24.5	0	cbcm	cbcm	46	2.4	-									
	Corlestone ...	25.9	-10	NNE	3	20	41	39	7	7	30	30	24.7	0	NNE	1	20	35	33	5	5	30	30	24.7	0	cbcm	cbcm	46	2.4	-									
	Mildenhall ...	26.8	-16	N	2	20	41	39	6	6	15	40	24.7	-6	N	2	20	34	31	6	6	15	40	24.7	-6	cmcm	cbcm	46	2.0	-									
	Bircham Newton ...	26.8	-4	NNE	3	20	41	36	6	6	30	30	24.9	-6	NNE	2	20	35	34	6	6	30	30	24.9	-6	cbcm	cbcm	41	3.0	Tr									
	Cranwell ...	27.7	-6	NNE	2	20	38	35	5	5	20	40	24.8	-10	NNE	2	20	37	35	4	4	20	40	24.8	-10	offcm	cbcm	40	0.0	-									
3	Cranfield ...	27.6	-4	NNE	2	20	36	36	5	5	20	40	25.5	-6	NNE	2	20	35	32	4	4	20	40	25.5	-6	cm	cbcm	39	2.3	-									
	Honiley ...	28.6	-4	N	3	20	36	33	4	4	20	40	25.5	-6	N	3	20	35	32	4	4	20	40	25.5	-6	cm	cbcm	39	2.3	-									
4	Little Rissington ...	27.6	-10	NNE	3	20	35	34	4	4	2	8	25.3	-10	NNE	1	20	35	33	4	4	2	8	25.3	-10	of. of. cm	cbcm	37	0.0	-									
	Shobden ...	25.3	-4	N	4	20	39	35	5	5	2	8	26.7	-4	N	3	20	35	32	5	5	2	8	26.7	-4	cbcm	cbcm	41	0.0	-									
5	Bristol ...	28.8	-12	NNE	3	20	37	35	5	5	15	15	26.8	-4	NNE	1	20	35	32	5	5	15	15	26.8	-4	cbcm	cbcm	41	0.0	-									
	Chivenor ...	28.8	-2	ENE	3	20	41	35	6	6	15	15	26.8	-4	ENE	1	20	35	32	5	5	15	15	26.8	-4	id. m. c. m.	cbcm	42	0.0	-									
	Yeovilton ...	27.7	+6	NNE	2	20	38	37	4	4	12	15	25.2	-10	NNE	3	20	36	35	5	5	12	15	25.2	-10	cm	cbcm	41	0.0	-									
	Portland Bill ...	26.2	-4	NE	4	20	39	35	7	7	50	40	25.8	-8	NE	4	20	39	31	7	7	50	40	25.8	-8	cm	cbcm	41	0.0	-									
	Exeter ...	27.5	-14	NNE	2	20	37	35	4	4	20	40	25.5	-8	NNE	2	20	37	36	4	4	20	40	25.5	-8	bcz. b. c. m.	cbcm	45	1.7	-									
	Plymouth ...	27.3	+6	NE	1	20	42	36	4	4	20	25	26.6	-2	NE	0	20	34	32	6	6	20	25	26.6	-2	bcz. b. c. m.	cbcm	39	3.0	-									
	St. Eval ...	27.3	0	NE	2	20	38	35	5	5	6	6	26.6	-2	NE	0	20	34	32	6	6	6	6	26.6	-2	cb	cbcm	41	0.6	-									
	The Lizard ...	25.1	-8	E	6	20	41	36	6	6	15	15	25.6	0	E	4	20	39	34	6	6	15	15	25.6	0	cb	cbcm	41	0.6	-									
6	Scilly, St. Marys ...	26.8	+8	ENE	4	20	42	32	6	6	0	0	25.2	-4	ENE	5	20	42	38	7	7	0	0	25.2	-4	cbcm	cbcm	43	2.1	-									
	Fairwood ...	28.7	-2	N	3	20	41	35	6	6	25	25	27.1	-4	N	2	20	35	32	5	5	25	25	27.1	-4	bc	cbcm	45	5.5	-									
	Pembroke ...	29.5	0	NE	2	20	44	38	7	7	6	6	27.2	0	NE	1	20	38	36	6	6	6	6	27.2	0	cb	cbcm	42	6.8	-									
	Aberporth ...	29.6	-4	NE	2	20	41	36	7	7	6	6	27.2	-6	NE	1	20	36	35	5	5	6	6	27.2	-6	cb	cbcm	45	0.0	-									
7	Penrhos ...	29.6	-4	NE	2	20	41	36	7	7	6	6	27.2	-6	NE	1	20	36	35	5	5	6	6	27.2	-6	cb	cbcm	45	0.0	-									
	Holyhead, Valley ...	30.4	+6	N	2	20	44	41	5	5	40	40	26.6	-14	N	0	20	41	40	6	6	40	40	26.6	-14	cm	cbcm	45	0.0	-									
	Hawarden ...	30.5	0	NNE	3	20	38	36	4	4	1	1	26.3	-16	NNE	0	20	38	35	4	4	1	1	26.3	-16	cbcm	cbcm	42	1.7	-									
8	Manchester ...	29.3	-8	N	0	20	31	30	2	2	0	0	25.8	-10	N	2	20	34	33	3	3	0	0	25.8	-10	cbcm	cbcm	36	0.0	-									
	Squires Gate ...	29.9	-12	SE	2	20	43	35	5	5	3	3	25.3	-10	SE	2	20	40	39	5	5	3	3	25.3	-10	cbcm	cbcm	42	0.0	-									
	Silloth ...	29.4	-14	WNW	2	20	38	36	5	5	3	3	23.4	-16	WNW	2	20	41	40	6	6	3	3	23.4	-16	cbcm	cbcm	42	0.0	-									
9	Ashbourne ...	29.0	-8	N	3	20	41	35	5	5	10	25	26.2	-2	WNW	1	20	35	33	5	5	10	25	26.2	-2	bcz. b. c. m.	cbcm	42	5.2	-									
	Snaith ...	28.9	-6	NNE	3	20	40	36	6	6	4	4	25.7	-10	WNW	2	20	39	34	4	4	4	4	25.7	-10	bc	cbcm	41	3.3	-									
10	Spurn Head ...	27.4	-6	NW	3	20	40	38	7	7	40	40	24.9	-10	WNW	2	20	39	36	6	6	40	40	24.9	-10	cm	cbcm	42	2.2	-									
	Leeming ...	28.6	-10	N	0	20	42	34	7	7	3	3	23.6	-18	N	0	20	40	32	8	8	3	3	23.6	-18	cbcm	cbcm	41	0.0	-									
	Tynemouth ...	28.8	-6	N	2	20	39	34	5	5	22	22	23.5	-22	WNW	3	20	39	33	5	5	22	22	23.5	-22	cbcm	cbcm	41	0.0	-									
11	Acklington ...	27.4	-20	WSW	2	20	39	34	6	6	50	50	21.0	-24	WSW	3	20	39	36	6	6	50	50	21.0	-24	cbcm	cbcm	41	0.0	-									
	St. Abb's Head ...	26.2	-24	N	2	20	42	28	8	8	40	40	20.1	-30	N	2	20	43	39	7	7	40	40	20.1	-30	cbcm	cbcm	47	0.0	-									
	Leuchars ...	25.6	-28	SW	3	20	38	34	6	6	50	50	20.0	-24	WSW	2	20	39	37	6	6																		



# STATION MODEL



6h Tuesday 16th January

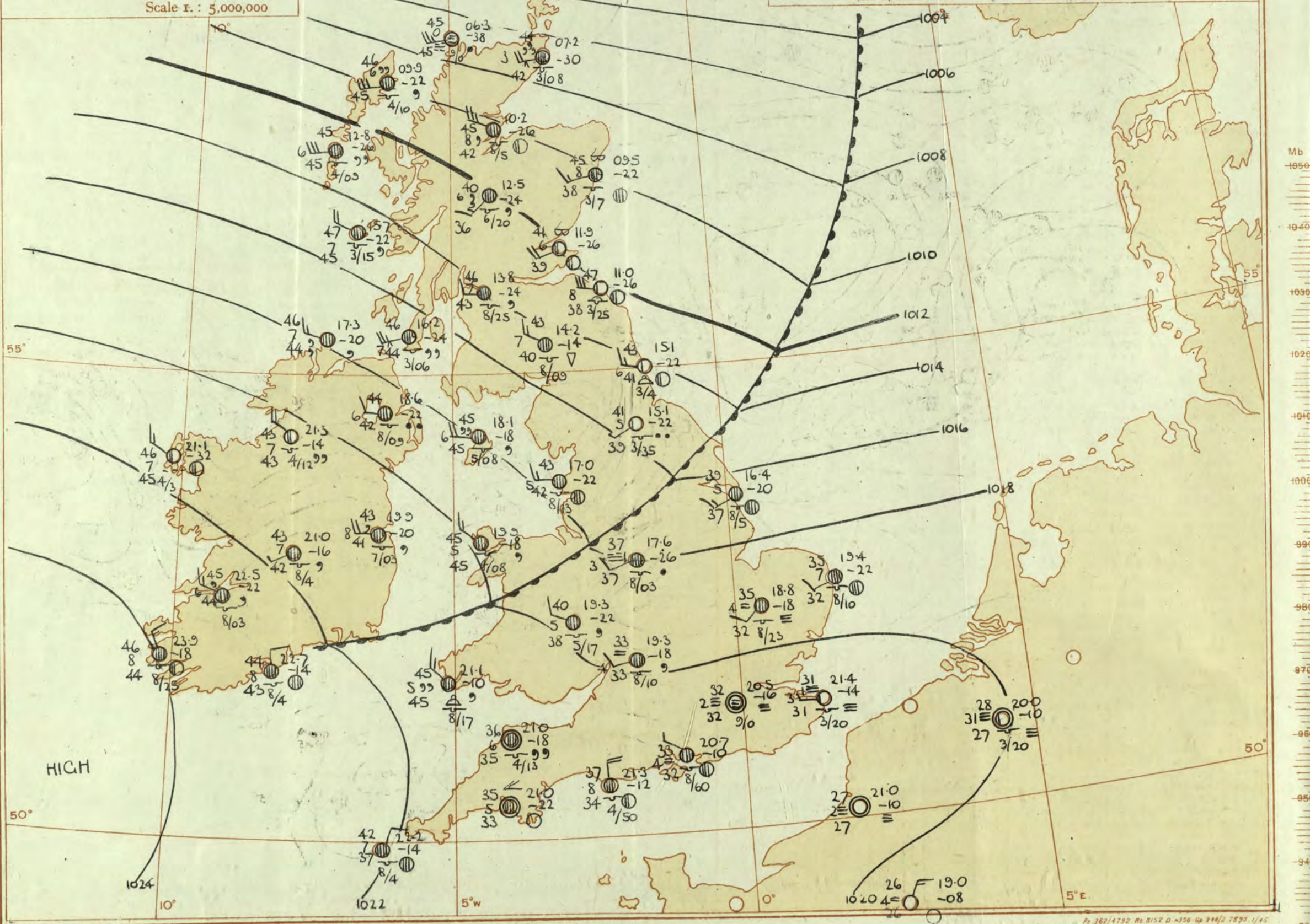
1945

## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sign. rain to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	To-day %
Kew ...	id. d. c	cb c m	cb c m	42	33	21	Tr	Tr	0.0	85	80
Croydon ...	of f. l. c	cb c m	cb c m	41	32	32	Tr	-	0.0	85	80
Greenwich ...	c	a	b c f	41	31	28	-	-	0.0	80	80
Westminster	.	.	.	42	33	29	-	-	-	83	80
Regents Park	.	.	.	41	32	24	-	-	-	81	80
Camden Square	o	c	.	41	32	26	Tr	-	-	77	83
Kensington ...	cb c p d c	c	.	43	33	27	Tr	Tr	-	81	83
Hampstead ...	bc	bc of	od	39	32	26	-	Tr	-	81	83

Atmospheric Pollution: Milligrams of solid impurity per cubic meter 15h  
Kew 24 hours ended 6h. 16h Max. 0.5 Time 16h Min. 0.2 Time 15h





### GENERAL INFERENCE

Pressure is high in Mid Atlantic. A deep depression to East of Iceland is moving SE and associated troughs will move South across the British Isles.

It will be cloudy with occasional rain or drizzle in most districts with considerable fog or mist in England and Wales. Broken cloud with wintry showers will soon affect North Scotland and spread South to all districts by tomorrow morning. Showers will be heavy in the North and West, more scattered in the East. Winds will reach gale force in many districts of Scotland and perhaps N. Ireland and N. England. It will be cold.

### FURTHER OUTLOOK

Cold NW-N winds with wintry showers mainly in the North.

15-1-45

Gale warning in operation in districts 13, 15 (part of) and 16. Issued 1930 G.M.T.

In districts 8, 15 (part of) and 17.  
Issued 0700 G.M.T. 16-1-45.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 16<sup>th</sup> January  
1945.

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

### 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. △ Hall.  
—○— Fog. —○— Mist. T Thunder. T Thunderstorm.  
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—  
—○— Warm Front on the surface  
—○— Cold Front on the surface  
—○— Cold Front above the ground  
—○— Occluded Front (or Occlusion)  
—○— Lines of Precipitation  
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. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Tuesday 16<sup>th</sup> January 1945  
No. 30371

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.	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.		Form.			Amount.						Height of Base Hundreds of feet.		18h.-00h. (39)	00h.-06h. (40)	Min. °F. (41)	Min. on Grass °F. (42)							
												Low.	Med.	High.	Total.				Low.	Med.					High.	Total.				Low.		Med.	High.	Total.	A.		B.
1	Kew	16	23.4	+12			b/f	33	32	2							20.3	-18	SW	1	M	35	34	4							1	cbc bmax	b b c x c m w	33	21	Tr	
	Croydon	217	23.4	+12			b/f	33	32	2							20.5	-16			F	32	32	2							1	cir 2 b m b f	b f	32	21	0.4	
	Boscombe Down	417	23.0	-10			b/f	33	32	2							21.1	-16			F	32	31	3							1	b m x	c m d o c f m	30	24		
	Thorney Island	10	23.0	-10			b/f	33	32	2							20.7	-10	WNW	1	M	33	32	4							0	c m o l o m.	c m o c r m	30	24		
	Friston																																				
2	Lympe	341	23.2	-8			b/f	31	31	3							21.0	-10			b f	29	29	1							0	b m o b f x	b f b f x	28	20		
	Manston	140	23.0	-10			b/f	32	32	1							20.0	-18			c b b f	31	31	3							1	b c b m.	b c f x	30	24		
	North Weald	244	22.9	-14			b/f	32	32	1							19.8	-16			c f	34	33	3							0	b m o b m o	b f x c f	30	*		
	Felixstowe	10	22.6	-14			b/f	32	32	1							19.4	-22	SW	2	C	35	32	7							0	b c 2	b m o b m o	30	32		
	Gorleston	5	23.4	-10			b/f	34	32	1																											
3	Mildenhall	15	22.5	-18			b/f	32	32	1							18.8	-18	SSW	2	M	35	32	4							0	b m o b m o	b f b f x	30	25	Tr	
	Bircham Newton	221	22.2	-18			b/f	33	33	1							18.3	-18	SW	4	M	34	32	4							1	b c b m o	c m o b c m o	32	29	Tr	
	Cranwell	203	21.3	-24			b/f	36	33	1							16.6	-26	WSW	3	M	37	37	4							2	c m e m f	c m c r a n f m	31	22	0.5	
	Cranfield	340	23.0	-22			b/f	31	31	1							19.3	-26	SW	3	M	33	33	2							1	b m o b f s	b f b f x	31	22	0.2	
	Honiley	427	22.8	-20			b/f	34	33	4							18.8	-20	SW	3	M	34	33	3							1	O f o m	c m d o d f	33	32	0.2	
4	Little Rissington	731	22.9	-22			b/f	35	32	4							19.3	-18	WSW	2	M	33	33	4							1	O f b m o b m o	c m d o d f m	32	30	Tr	
	Shobden	318	23.4	-24			b/f	36	32	1							19.3	-22	S	2	M	38	38	5							1	c o i r. c m.	c o i d o c m o	35	35	Tr	
	Bristol	209	25.2	-8			b/f	32	32	4							21.5	-18			c f	38	35	5							1	b c f c m o	c m o b c m o	32	29	Tr	
	Chivenor	20	24.4	-12			b/f	35	34	1							21.0	-18			c f	36	35	6							1	b f g c m o	c m o d o m o	34	30	0.1	
	Yeovilton	50	23.5	-14			b/f	31	31	1							20.5	-16			c f	32	32	3							1	b f f l o c	j f c	28	26		
5	Portland Bill	32	22.8	-6			b/f	37	34	7							21.3	-12	SE	1	M	37	34	8							1	c c	b c b c	36	28	Tr	
	Exeter	100	24.0	-16			b/f	34	33	3							21.4	-22	SE	0	M	35	33	5							1	b f c f	b m a c m o	32	27	Tr	
	Plymouth	86	24.3	-10			b/f	34	34	5							21.0	-22				35	33	5							1	b m o	b m a c m o	32	28	Tr	
	St. Eval	345	25.0	-12			b/f	33	33	6							22.3	-12				39	35	6							1	b c c m o b	b m a c m o	32	28	0.3	
	The Lizard	240	24.0	-4			b/f	36	33	5							21.7	-10	NEW	3	M	37	30	6							0	c b c 2	c 2	35	*		
6	Silly, St. Marys	163	24.7	-6			b/b	42	36	7							22.2	-14	NEW	2	C	42	37	7							1	c b	c	41	29	Tr	
	Fairwood	208	24.7	-18			b/f	36	33	5							20.5	-22			C	39	38	4							1	c m o b c m o	c o m o	34	29	C.2	
	Pembroke	142	24.7	-18			b/f	43	41	8							21.1	-10	WNW	3	M	45	45	5							1	c	c o d o	41	33	3	
	Aberporth	425	24.1	-20			b/f	40	39	6							20.5	-20			M	43	43	6							1	b c c r o	O f	35	33	2	
	Aberporth	425	24.1	-20			b/f	40	39	6							20.5	-20			M	43	43	6							1	a m o b c m o	a d o d o m o	40	39	3	
7	Penrhos	63	22.8	-24			b/f	45	43	5							19.4	-18	WNW	3	M	45	44	6							1	a m o b c m o	a d o d o m o	40	39	3	
	Holyhead, Valley	32	23.1	-22			b/f	44	44	5							19.9	-18	WNW	3	M	45	45	4							1	c b c m o	c m o b c m o	37	37	Tr	
	Howarden	15	22.2	-22			b/f	38	38	4							18.4	-18	WN	3	M	44	44	4							1	c m e m f x	c m d s d	37	37	2	
	Manchester	230	22.0	-26			b/f	35	35	2							18.2	-16	S	3	M	39	39	3							1	c i r. r. d f f	c i d o d f f	39	32	0.5	
	Squires Gate	30	21.0	-26			b/f	43	42	5							17.0	-22	W	3	M	43	42	5							1	c d o d o d o	c i d o c m	39	39	0.6	
8	Silloth	25	20.2	-16			b/f	43	42	6							16.1	-22	SW	3	M	43	42	5							1	c d o d o m o	c m o	41	40		
	Ashbourne	590	22.5	-20			b/f	35	34	3							17.6	-26	WSW	2	C	37	37	3							1	b m c i r m.	c m o b c m o	34	33	Tr	
	Snaith	30	20.8	-26			b/f	38	36	4							16.5	-22	WSW	2	M	41	39	4							1	c d o d o m o	c m i r m	37	36	0.6	
	Spurn Head	29	21.1	-26			b/f	39	36	5							16.4	-20	SW	1	M	39	37	5							1	c m o	p m.	37	37	0.1	
	Leeming	105	19.4	-22			b/f	38	37	5							15.1	-22	SW	1	M	41	39	5							1	c r o d o f	c m b m o i r m o	36	30		
9	Tynemouth	108	19.6	-16			b/f	41	39	5							15.1	-22	W	3	M	43	41	6							1	c m o	c b c m o	40	37		
	Acklington	138	17.5	-24			b/f	40	38	6							13.2	-24	W	4	M	42	39	6							1	c b c m o	c m o	37	35		
	St. Abb's Head	280	15.0	-24			b/f	47	38	8							11.0	-26	W	6	M	47	38	8							1	c b c	b c c	44	38		
	Leuchars	31	16.5	-20	</																																



BRITISH  
SECTION**CONFIDENTIAL**THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY

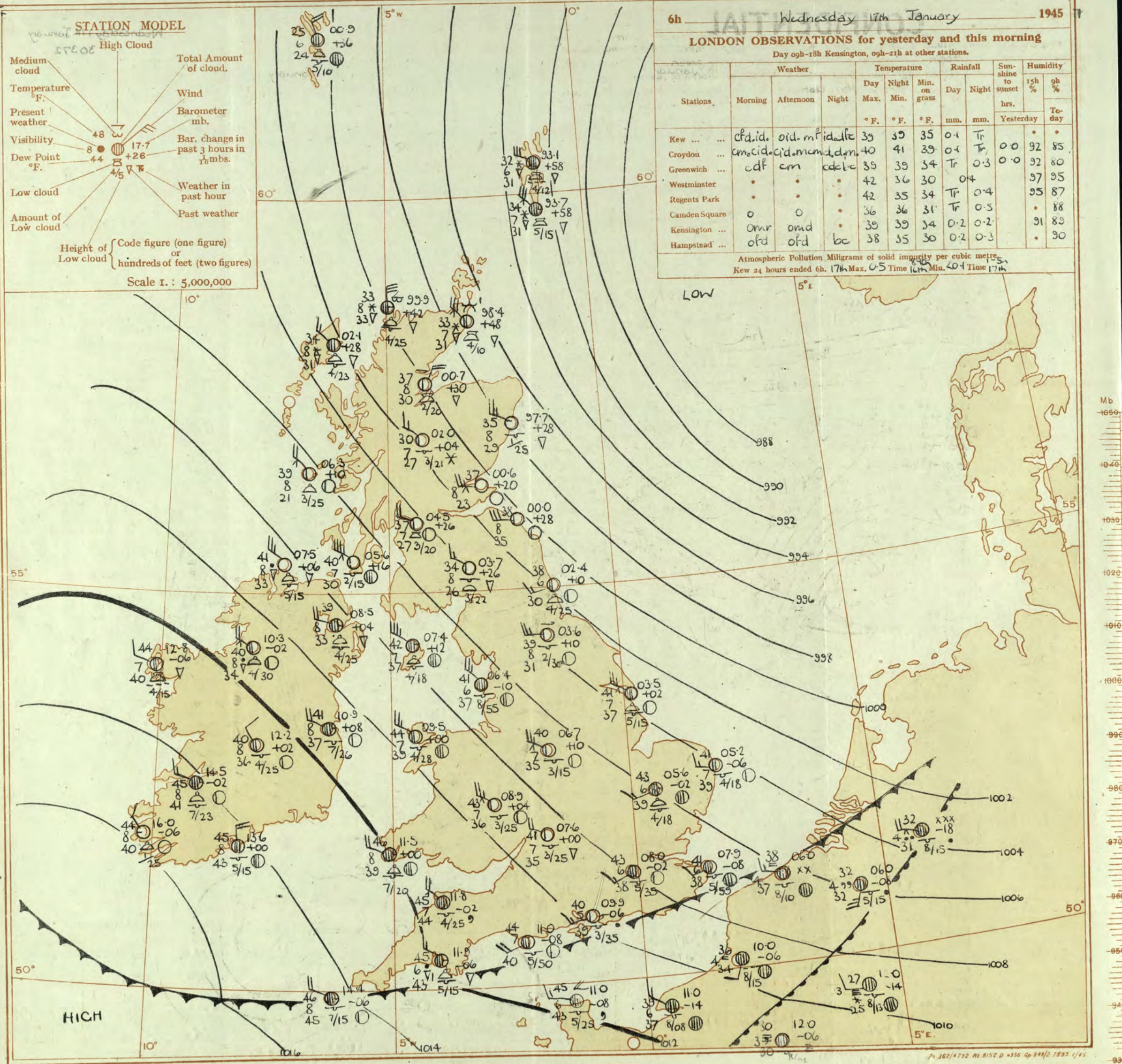
LONDON.

Wednesday 17th January 1945

No. 30372

OBSERVATIONS at 12h. G.M.T. 16th January															OBSERVATIONS at 18h. G.M.T. 16th January															OBSERVATIONS during DAY														
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility. (8)	Cloud.				Height of Base in hundreds of feet. (16)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (°F) (22)	Dew Point (°F) (23)	Visibility. (24)	Cloud.				Height of Base in hundreds of feet. (32)	State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (°F) (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. mm. (38)											
				Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Total. (11)	Low. (12)				A. (13)	B. (14)					Direc. (19)	Force. (20)	Form. (25)	Amount. (26)			Total. (27)	Low. (28)				A. (29)	B. (30)	06h.-12h. (34)	12h.-18h. (35)							
1	Kew Croydon Boscombe Down Thorney Island Friston	17.1 17.6 18.7 18.6	-18 -18 -10 -14	SWW S SW SWW	2 3 1 2	m id f f	36 36 36 35	35 34 36 35	4 5 1 4	5 - - 7	- - - -	- - - -	8 8 9 8	7 8 7 8	20 25 20 -	12.8 13.0 14.5 14.3	-14 -12 -14 -14	SW SW W WS	2 3 2 2	df d, d of of	38 40 39 40	37 38 39 39	3 4 3 3	5 - - -	- - - -	8 8 8 8	8 8 8 -	18 6 21 6	- - - -	1 1 1 1	cd cm cm, f cm, d, m	id id, m id, m id, m	39 40 41 41	0.0 0.0 0.0 0.0	0.1 0.1 0.2 Tr									
2	Lympe Manston North Weald Felixstowe Gorleston	18.3 17.7 17.1 17.3 16.4	-14 -14 -18 -18 -20	SWW SWW WS WSW SW	2 2 3 3 4	m id m m m	35 36 35 36 37	32 33 34 34 32	4 5 2 4 6	5 - - - -	- - - - -	- - - - -	8 7 8 8 8	8 7 8 8 8	40 - 5 30 20	13.9 13.3 13.3 11.9 12.5	-14 0 -22 -6 -6	SWW SW WSW WSW WSW	2 3 3 3 2	of of df df f	35 36 38 37 35	35 35 38 37 36	2 1 1 2 2	5 - - - -	- - - - -	8 8 8 8 9	8 8 8 8 9	2 1 0 2 0	- - - - -	1 1 1 1 1	cm cm of, d, d cm, cm c	id id, m id, m id, m id, m	36 38 39 38 41	0.0 0.0 0.0 0.0 0.0	Tr 0.5 0.2 - -									
3	Mildenhall Bircham Newton Cranwell Cranfield Honiley	15.8 14.9 14.4 17.0 16.3	-16 -18 -18 -16 -14	SSW SW WS SW W	3 4 3 3 3	df f f f f	37 36 36 37 39	36 36 42 36 38	3 4 1 1 4	5 - - - -	- - - - -	- - - - -	8 8 9 9 8	8 8 9 9 8	2 - 10 0 5	10.8 10.1 10.9 12.3 11.4	-18 -18 -18 -18 -18	SW WSW WSW SSW W	3 3 3 2 3	m df df f id	41 41 43 40 42	39 41 42 39 41	4 3 3 4 4	5 - - - -	- - - - -	8 8 8 8 8	8 8 8 4 8	18 8 8 15 12	- - - 40 13	1 1 1 1 1	cd, d, m, c, d, f od, d, of of, fm of, id cm, d, km	id, m id, m cm, c, f, cm of, id cm	41 42 u.s. 41 46	0.0 0.0 0.0 0.0 0.0	Tr Tr Tr Tr 0.3									
4	Little Rissington Shobden	16.8 16.8	-16 -16	WSW W	2 2	df c	37 46	37 46	0 4	- -	- -	- -	9 9	9 9	20 40	12.6 12.7	-18 -16	W W	3 3	id c	44 44	44 43	7 5	5 5	- -	- -	8 8	8 5	50 17	- 40	1 1	cd, d, m, c, d, f cm, c, id, c	id, m, d, f id, c	41 47	0.0 0.0	0.3 Tr								
5	Bristol Chivenor Yeovilton	13.6 13.0 18.4	-10 -10 -12	W W W	3 0 0	id id f	42 40 38	41 40 38	4 2 2	- - -	- - -	- - -	9 9 9	9 9 9	0 0 0	14.8 15.8 14.1	-6 -6 -6	W W W	2 2 2	id id id	44 44 44	43 43 44	5 5 5	5 5 5	- - -	- - -	8 8 8	8 8 8	4 4 6	25 25 25	1 1 1	cd, d, m, c, d, f cm, c, id, c cd, d, m, c, d, f	id, m, d, f id, c id, c	43 46 44	0.0 0.0 0.0	Tr Tr Tr								
6	Portland Bill Exeter Plymouth St. Eval The Lizard	18.4 18.3 19.6 20.3 20.3	-18 -14 -14 -10 -4	W W W W W	3 0 0 0 0	id id id id id	42 39 40 42 43	40 37 38 41 42	7 3 3 3 6	5 - - - -	- - - - -	- - - - -	8 8 8 8 8	8 8 8 8 8	11 25 18 15 -	15.4 15.0 15.8 16.7 16.4	-12 -16 -12 -12 -6	WSW WSW WSW WSW WSW	3 3 3 3 3	id id id id id	44 43 44 44 44	44 42 43 43 42	7 5 5 5 5	5 5 5 5 5	- - - - -	- - - - -	8 8 8 8 8	8 8 8 8 8	50 10 20 15 -	- 40 25 2 -	1 1 1 1 1	cd, d, m, c, d, f od, d, of id, m, d, f cm, c, id, c id	id, m, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	44 44 45 45 45	0.0 0.0 0.0 0.0 0.0	0.3 Tr Tr Tr 0.5								
7	Scilly, St. Marys Fairwood Pembroke Aberporth Penrhos	20.8 18.6 19.1 18.0 17.3	-12 -8 -12 -12 -12	NNW W W W W	4 2 2 2 3	id id id id id	46 44 46 44 46	45 44 44 43 45	8 6 8 7 7	8 5 8 5 5	- - - - -	- - - - -	8 8 8 8 8	8 6 8 8 8	11 25 15 10 15	17.5 14.7 15.0 14.6 12.7	-10 -8 -10 -14 -18	NNW W W W W	4 4 2 2 3	id id id id id	45 43 45 43 46	44 42 42 42 42	6 6 8 7 7	5 5 5 5 5	- - - - -	- - - - -	8 8 8 8 8	8 4 8 8 3	8 15 17 8 10	- 25 25 25 25	1 1 1 1 1	cd, d, m, c, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	id, m, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	47 45 46 45 47	0.0 0.0 0.0 0.0 0.0	0.5 0.1 Tr Tr 0.1								
8	Holyhead, Valley Hawarden Manchester Squires Gate Silloth	17.3 15.7 15.3 14.5 13.0	-14 -14 -18 -20 -20	WSW W W W W	4 3 4 4 4	id id id id id	46 47 43 43 44	45 43 43 43 43	7 6 6 6 6	5 5 5 5 5	- - - - -	- - - - -	6 7 8 6 6	4 5 5 4 4	7 13 18 2 2	13.3 11.2 10.9 09.8 08.4	-12 -16 -16 -18 -24	W W WSW W WSW	4 4 4 4 4	id id id id id	46 45 43 43 43	44 41 41 41 42	7 7 7 7 7	5 5 5 5 5	- - - - -	- - - - -	8 8 8 8 8	8 7 8 8 8	15 12 25 25 15	- 25 25 25 15	1 1 1 1 1	cd, d, m, c, d, f cd, d, m, c, d, f id, m, d, f cm cm, c, d, m, c	id, m, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	47 47 44 46 46	0.0 0.0 0.0 0.0 0.0	0.4 0.6 Tr Tr Tr								
9	Ashbourne Snaith Spurn Head Leeming Tynemouth	15.8 13.8 12.3 11.6 11.0	-12 -20 -22 -24 -24	W W W W W	3 4 3 3 4	id id id id id	43 46 42 42 45	42 42 41 41 42	4 3 5 5 5	5 - - - -	- - - - -	- - - - -	8 7 8 6 4	8 7 8 4 3	3 4 30 30 24	10.8 08.6 08.1 07.0 05.6	-26 -22 -18 -12 -16	WSW WS WS WSW WSW	4 4 4 1 3	id id id id id	42 45 45 45 46	40 41 41 40 41	5 6 7 7 5	5 5 5 5 8	- - - - -	- - - - -	8 5 5 6 6	8 7 7 6 6	9 21 15 20 25	- - - - -	1 1 1 1 1	cd, d, m, c, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	id, m, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	44 48 44 47 47	0.0 0.0 0.0 0.0 0.0	0.5 Tr 0.3 Tr Tr								
10	Acklington St. Abb's Head Leuchars Montrose Abbotsinch	03.4 06.0 06.1 06.2 10.5	-26 -40 -40 -32 -24	W W SW SW WSW	4 5 5 5 4	id id id id id	46 47 46 46 47	39 38 41 40 44	8 8 7 7 6	5 5 5 5 5	- - - - -	- - - - -	8 6 6 6 8	5 4 4 2 8	15 20 20 30 15	03.9 39.9 38.8 38.3 04.4	-10 -36 -34 -38 -22	WSW W W W W	5 5 5 5 4	id id id id id	44 45 45 44 47	40 38 41 38 44	5 8 7 7 6	5 5 5 5 5	- - - - -	- - - - -	8 4 4 4 6	8 4 4 4 6	15 25 30 10 25	- 15 15 12 25	1 1 1 1 1	cd, d, m, c, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	id, m, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	44 49 48 48 47	0.0 0.0 0.0 0.0 0.0	0.5 Tr Tr Tr 0.6								
11	Prestwick West Freugh Eskdalemuir Jurby, I. of Man Machrihanish	12.1 14.4 09.1 15.9 13.3	-24 -14 -26 -14 -16	WS WSW WSW WS WS	3 4 5 5 5	id id id id id	46 45 45 45 46	43 44 44 45 44	2 7 7 8 5	5 - - - -	- - - - -	- - - - -	7 8 6 6 7	4 5 8 3 4	11 15 18 6 8	05.0 08.3 02.3 10.3 06.7	-36 -22 -40 -22 -28	WS WSW WSW WSW WSW	5 5 5 5 6	id id id id id	46 46 43 46 47	43 43 41 44 45	6 6 6 7 6	5 5 5 5 5	- - - - -	- - - - -	8 8 8 8 8	8 8 8 8 8	15 10 9 12 6	- 15 25 25 15	1 1 1 1 1	cd, d, m, c, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	id, m, d, f id, m, d, f id, m, d, f id, m, d, f id, m, d, f	47 47 45 47 47	0.0 0.0 0.0 0.0 0.0	1 0.6 Tr Tr 0.2								
12	Tiree Oban Stornoway Cape Wrath Dalwhinnie	10.9 10.5 03.4 33.8 06.5	-30 -34 -34 -34 -28	WSW WSW WSW W W	5 5 6 5 4	id id id id id	47 46 46 44 41	45 44 44 42 38	7 7 7 8 6	5 5 5 5 5	- - - - -	- - - - -	7 7 7 7 6	6 6 6 6 6	18 15 10 15 19	05.6 05.4 97.3 85.0 00.0	-24 -20 -18 -50 -28	WSW WSW W W W	6 6 6 6 6	id id id id id	46 46 40 40 41	39 39 37 37 38	7 7 7 7 7	5 5 5 5 5	- - - -<																			







# GENERAL INFERENCE

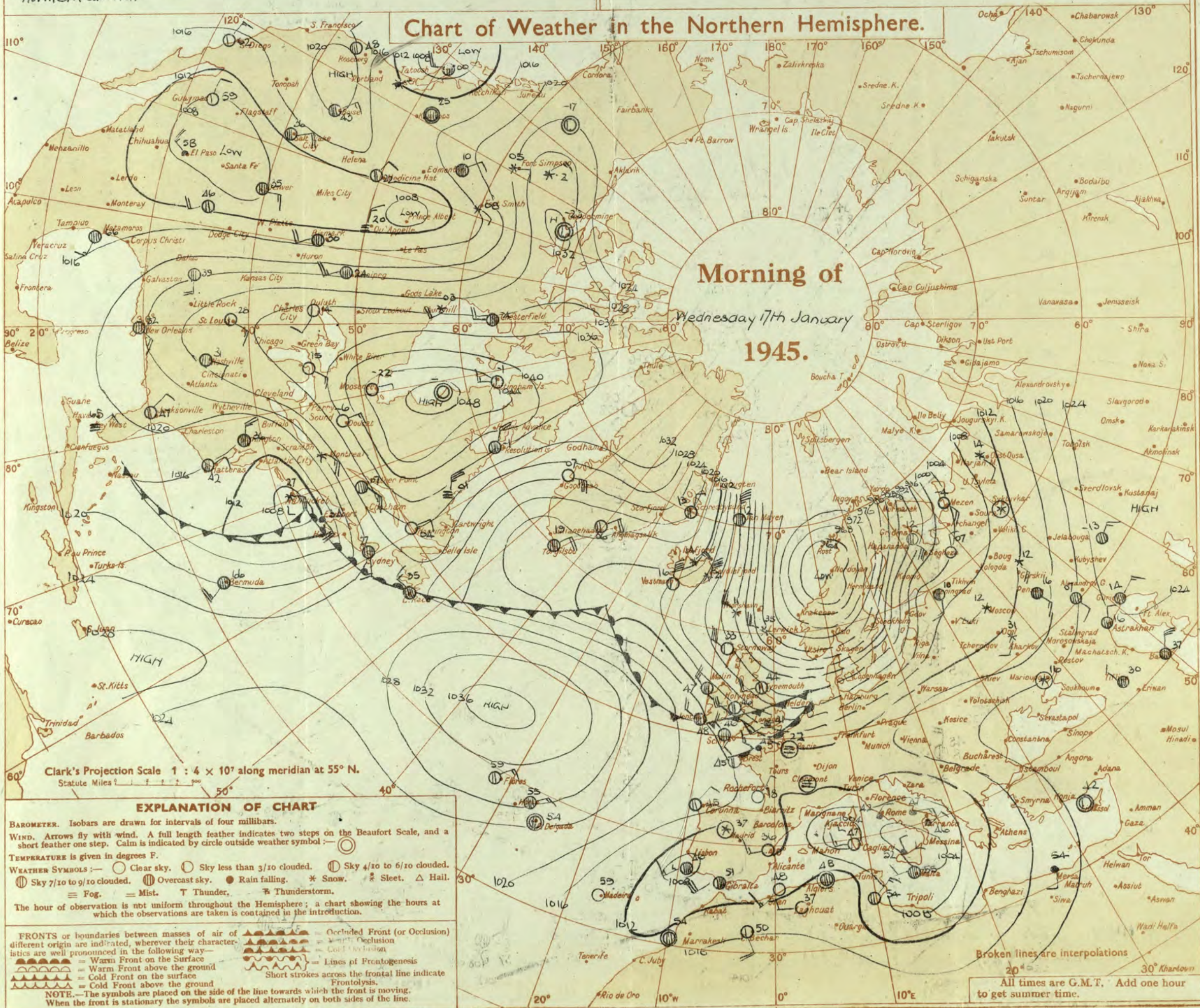
Pressure is low to northeast of British Isles. A shallow depression south of Iceland will deepen and move southeast across the British Isles. There will be some showers in North Scotland. A belt of rain with sleet or snow over higher ground affecting North Ireland and west Scotland will move southeast to affect all districts except perhaps extreme southeast Scotland and eastern districts of England by tonight. The rain belt will be followed by variable cloud and local showers mainly in the west and North. The showers will be wintry in Scotland. It will be cold with frost tonight in Northern districts.

# FURTHER OUTLOOK

Continuing cold and unsettled.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 17th January  
1945.





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

Wednesday 17 January 1945

No. 30372

[illegible]

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

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

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

\* Information not usually received.



BRITISH  
SECTION

CONFIDENTIAL

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

Thursday 18th January 1945

No. 30373

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

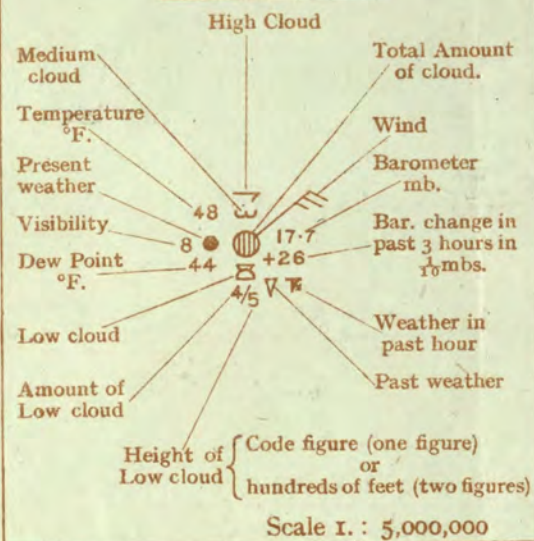
OBSERVATIONS at 18h. G.M.T. 17th January

OBSERVATIONS during DAY

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility. (8)	Cloud.						Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (°F) (21)	Dew Point (°F) (22)	Visibility. (23)	Cloud.						Barom. at M.S.L. (31)	Change in 3 hours. (32)	State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (°F) (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. mm. (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.



## STATION MODEL



6h

Thursday 18<sup>th</sup> January

1945

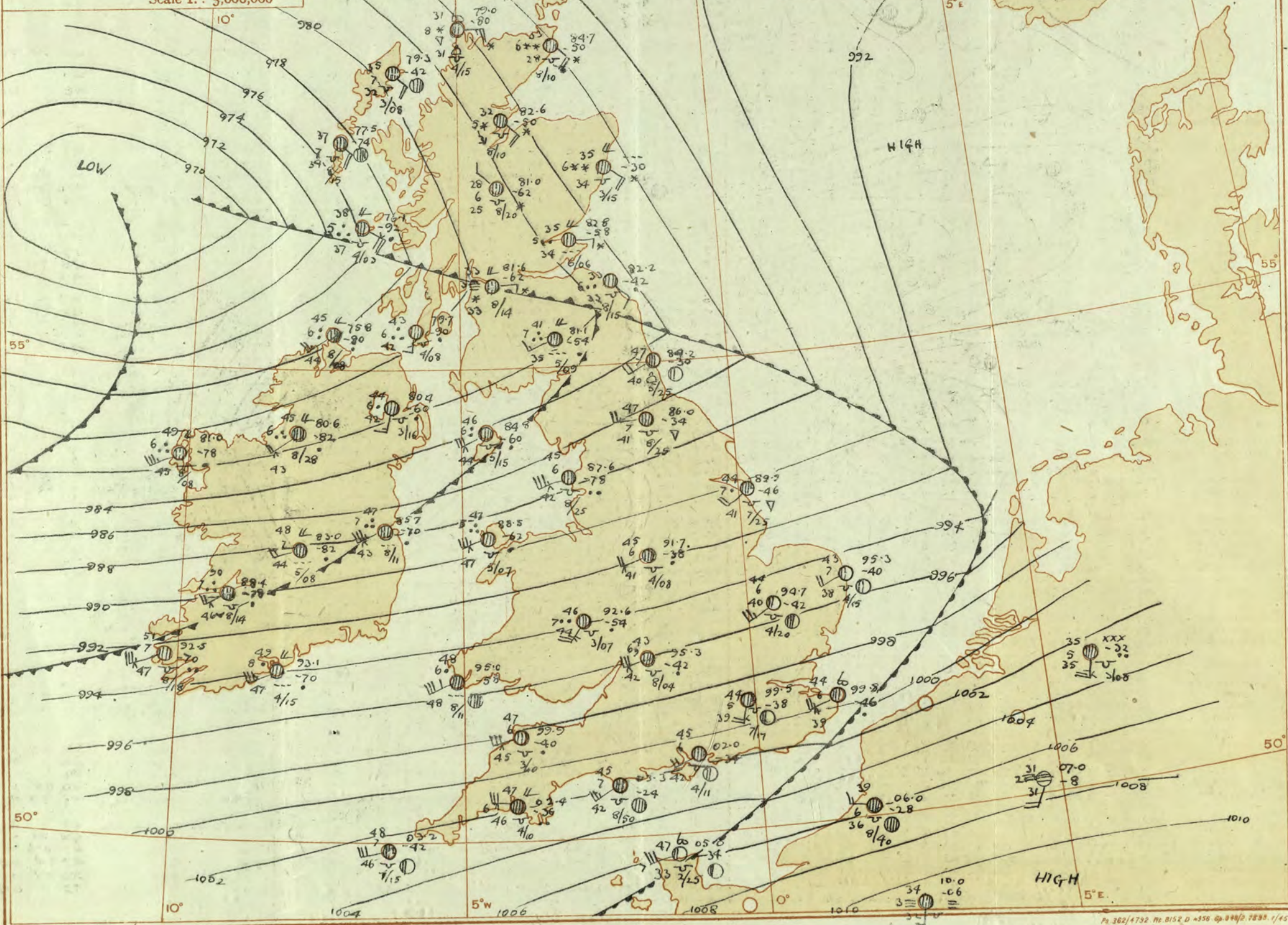
## LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %
				° F.	° F.	° F.	mm.	mm.	Yesterday	To- day	
Kew ...	cm 20.4	cbc 23	bc 25	45	40	38	-	-	1.7	65	85
Croydon ...	cm 20.4	cbc 23	bc 25	45	40	40	-	-	1.7	65	85
Greenwich ...	c	cb	c	45	40	28	-	-	0.6	64	79
Westminster	.	.	.	48	39	28	-	-		67	79
Regents Park	.	.	.	47	41	34	-	-		69	85
Camden Square	c	bc	.	46	40	36	-	-			81
Kensington ...	bc	bc	.	45	40	30	-	-		75	84
Hampstead ...	bc	bc	0	42	38	29	-	-			91

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max 0.4 Time 6.18 Min 0.1 Time 0-6h.

17<sup>th</sup> 18<sup>th</sup>



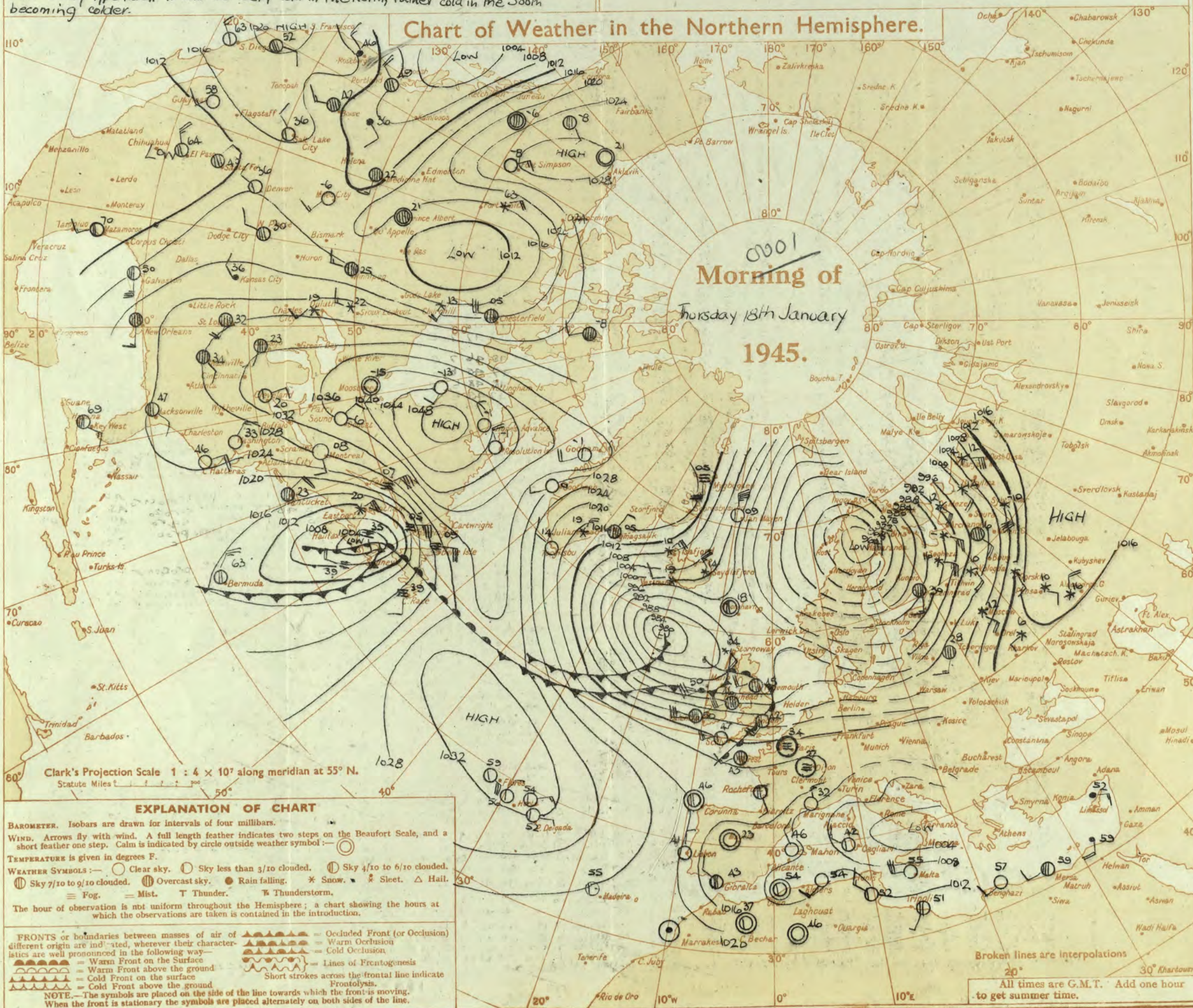
**GENERAL INFERENCE**  
 A depression centred off West Scotland is moving east-southeast, and an associated trough from Northeast England to St. Georges Channel is moving rapidly southeast. Strong winds or gales will occur extensively over the British Isles. In North and Central Scotland there will be general or rather prolonged snowfall but later there will be occasional wintry showers and some bright intervals. Elsewhere weather will be cloudy at first with a broad belt of rain moving rapidly across from northwest. Behind this rain belt there will be showery conditions, with showers most frequent in the northwest where local thunder will occur, and only very scattered in the southeast. The showers generally will turn to a wintry type later. It will be very cold in the North, rather cold in the South becoming colder.

# **FURTHER OUTLOOK**

Cold with occasional wintry showers in many districts.  
 Gale warning in operation in all areas.  
 Issued 1540, 2345 G.M.T. 17/1/45  
 and 0215, 0725, 1300 n G.M.T. 18/1/45.

## **Chart of Weather in the Northern Hemisphere.**

0001  
**Morning of**  
**Thursday 18th January**  
**1945.**





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

Thursday 18th January 1945

No. 30373.

SECTION OF THE METEOROLOGICAL OFFICE, BRITISH ISLES.

OBSERVATIONS at 00hr. G.M.T. 18th January

OBSERVATIONS at 06hr. G.M.T. 18th 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.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																												
					Dir.	Force					Form.	Amount.	Height of Base Hundreds of feet.	Dir.			Force	Form.					Amount.	Height of Base Hundreds of feet.	Dir.	Force			Form.	Amount.		Height of Base Hundreds of feet.	Dir.		Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force	Form.	Amount.	Height of Base Hundreds of feet.

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

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

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

\* Information not usually received.



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Page 1.

BRITISH  
SECTION

**CONFIDENTIAL**

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Friday 19<sup>th</sup> January 1945

No. 30372

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

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

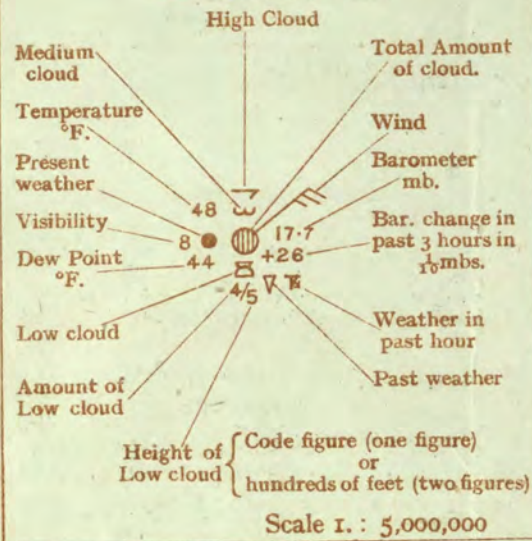
OBSERVATIONS during DAY

DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility. (8)	Cloud.				Height of Base Hundreds of feet. (16)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (°F) (22)	Dew Point. (°F) (23)	Visibility. (24)	Cloud.				Height of Base Hundreds of feet. (32)	State of Ground. (33)	Weather.		Max. Temp. °F. (36)	Sun- shine Hrs. (37)	Rain °F. (38)						
				Dir.	Force. (4)					Form.	Amount.	Dir.	Force. (20)				Form.	Amount.																					
																							Low.	Med.	High.	Total.			Low.	Med.				High.	Total.				
																																				A.	B.	A.	B.
(34)	(35)	(36)	(37)	(38)																																			

1	Kew	86.2	-7.4	SW	6	11	46	44	6	2				15	76.8	-4.0	WSW	5	2	43	31	6	5				7	28	40	1	1	1	4		
	Croydon	86.6	-6.8	NO	6	10	46	39	6	5				5	77.4	-3.6	SW	6	2	43	29	6	5				7	15	15	1	1	1	6		
	Boscombe Down	86.9	-8.6	SW	8	10	47	44	6	5				6	78.8	-3.4	WSW	7	2	42	33	7	8				6	10	15	1	1	1	7		
	Thorney Island	91.1	-6.6	NW/N	6	10	48	44	6	5				10	81.1	-3.0	SWW	7	2	45	33	6	5				7	30	57	1	1	1	3		
	Friston																																		
	Lympe	80.7	-6.4	NO	7	11	43	43	4	5				3	80.4	-1.0	WSW	7	2	40	38	7	5				3	12	12	1	1	1	5		
	Manston	80.8	-5.8	NW/N	7	11	45	43	6	5				3	79.5	-1.8	SW	6	2	41	37	6	5				6	15	15	1	1	1	4		
2	North Weald	86.1	-7.0	NO	6	11	46	43	5	5				3	75.4	-5.0	SW	6	2	42	31	6	5				6	18	18	1	1	1	3		
	Felixstowe	87.2	-7.0	NW/N	7	11	45	41	6	5				15	75.5	-2.2	SSW	6	2	41	36	6	5				6	20	20	1	1	1	3		
	Corlestone	84.9	-6.8	SSW	6	11	46	42	6	5				10	74.4	-1.0	SW	5	6	42	38	7	8				3	3	20	20	1	1	1	3	
	Mildenhall	82.9	-8.0	SSW	7	11	50	39	8	5				20	72.7	+3.8	SWS	7	2	43	33	8	8				3	3	2	8	25	1	1	10	
	Bircham Newton	80.3	-8.4	NW	7	11	47	43	7	5				10	70.3	-3.4	WSW	6	2	40	32	7	8				6	6	35	15	1	1	1	3	
	Cranwell	75.5	-9.4	NW	7	11	47	43	7	5				10	68.1	-5.2	WSW	6	2	38	35	6	5				6	15	15	1	1	1	3		
	Cranfield	82.8	-8.2	NW/N	6	11	47	43	7	5				15	72.7	-5.2	SW	6	2	39	35	7	2				3	3	20	20	1	1	1	7	
3	Honiley	79.4	-8.6	SW	7	11	45	43	5	5				15	69.9	-6.2	WSW	7	2	40	34	7	9				8	8	8	15	1	1	1	10	
4	Little Rissington	81.6	-8.2	WSW	8	11	45	43	6	5				8	72.2	-4.4	WSW	8	2	39	33	6	6				5	5	15	15	1	1	1	9	
	Shobden	80.3	-6.8	WSW	6	11	45	40	6	5				8	72.5	-3.6	WSW	6	2	37	32	7	8				6	4	8	15	15	1	1	1	4
5	Bristol	83.7	-9.4	SW	6	11	47	45	5	5				6	78.8	-1.4	W	6	2	40	32	7	8				6	4	8	15	15	1	1	1	4
	Chivenor	86.3	-8.4	SWW	8	11	48	46	6	5				6	80.6	-3.8	W/N	9	2	45	32	6	8				5	4	15	25	1	1	1	5	
	Yeovilton	87.6	-7.0	NW/W	6	11	49	44	6	5				6	79.4	-3.8	WSW	7	2	45	40	6	8				7	3	5	25	25	1	1	1	5
	Portland Bill	90.8	-5.0	SW	6	11	47	45	7	5				50	83.3	-4.4	SW	7	2	47	45	7	5				8	8	10	10	1	1	1	15	
	Exeter	88.3	-7.8	WSW	7	11	49	45	5	5				10	81.8	-3.4	W	8	2	45	30	6	6				4	4	10	10	1	1	1	7	
	Plymouth	89.3	-8.8	WSW	8	11	48	46	5	5				3	84.9	-2.6	W/N	8	2	45	34	6	6				4	4	10	10	1	1	1	5	
	St. Eval	89.1	-8.0	WSW	9	11	49	46	5	5				3	85.2	-2.6	W/N	8	2	44	33	6	2				5	5	20	20	1	1	1	3	
	The Lizard	91.3	-7.6	WSW	8	11	49	47	6	5				10	86.9	+2.4	W/N	9	2	45	35	6	2				5	5	20	20	1	1	1	3	
	Scilly, St. Marys	83.5	-8.2	SWW	9	11	49	48	5	5				6	88.1	-1.8	W	9	2	45	35	7	3				4	4	12	12	1	1	1	2	
6	Fairwood	84.1	-6.6	W/N	8	11	42	40	6	5				25	73.6	-3.4	W	8	2	45	30	6	5				4	4	10	10	1	1	1	17	
	Pembroke	83.1	-4.6	W	8	11	42	41	6	5				11	72.8	-3.6	WS	9	2	45	30	6	5				7	6	9	15	15	1	1	1	8
	Aberporth	82.6	-4.2	ENE	6	11	42	36	7	5				40	74.2	-1.8	W	7	2	37	36	6	2				7	7	15	15	1	1	1	8	
7	Penrhos	78.2	-4.0	W	7	11	49	40	7	8				16	70.6	-6	W	6	2	40	33	7	8				4	4	20	20	1	1	1	1	
	Holyhead, Valley	76.0	-4.6	W	7	11	43	35	8	8				25	69.4	+1.6	NNW	8	2	40	33	7	8				4	4	20	20	1	1	1	1	
	Hawarden	76.2	-6.8	NW/N	7	11	42	40	6	5				10	67.0	-4.0	NNW	6	2	39	36	6	9				8	8	10	15	1	1	1	13	
8	Manchester	75.6	-7.0	W/N	6	11	46	45	6	5				10	66.0	-6.4	WSW	5	6	36	35	6	8				6	5	8	15	15	1	1	1	12
	Squires Gate	79.1	-6.0	W	5	11	42	40	6	5				12	68.8	-3.4	NNW	3	6	38	32	7	8				6	4	5	20	20	1	1	1	4
	Silloth	70.0	-5.0	WSW	4	11	42	36	8	5				25	64.0	-3.0	W/N	4	6	38	32	7	8				6	4	5	20	20	1	1	1	1
9	Ashbourne	79.1	-9.6	SW	6	11	45	43	6	5				6	66.5	-5.6	WSW	6	2	37	34	6	9				8	5	8	15	15	1	1	1	12
	Snaith	74.8	-6.8	WSW	5	11	47	43	6	5				10	64.9	-6.8	SW	4	6	38	34	6	4				4	3	20	20	1	1	1	8	
10	Spurn Head	78.0	-6	SW	6	11	46	43	6	5				8	67.2	-3.4	SW	6	2	38	34	6	8				5	5	15	15	1	1	1	7	
	Leeming	71.8	-8.6	SW	5	11	45	43	7	6				12	63.8	-3.8	W	4	6	33	33	6	9				7	7	15	15	1	1	1	4	
	Tynemouth	65.5	-8.6	SSW	4	11	45	40	5	6				12	63.0	-2.0	W	4	6	37	31	6	8				5	5	15	15	1	1	1	1	
	Acklington	68.8	-8.4	SSW	4	11	43	40	6	5				10	61.7	-2.8	WSW	3	6	35	31	7	8				3	3	20	20	1	1	1	6	
11	St. Abb's Head	67.7	-7.2	SE	3	11	37	37	8	5				20	69.5	-2.6	W	4	6	36	33	8	8				6	6	20	20	1	1	1	1	
	Leuchars	66.7	-8.2	SE	2	11	34	37	6	6				5	64.1	+2.4	NW	5	6	34	34	8	8				8	8	2						



# STATION MODEL



6h

Friday 19<sup>th</sup> January

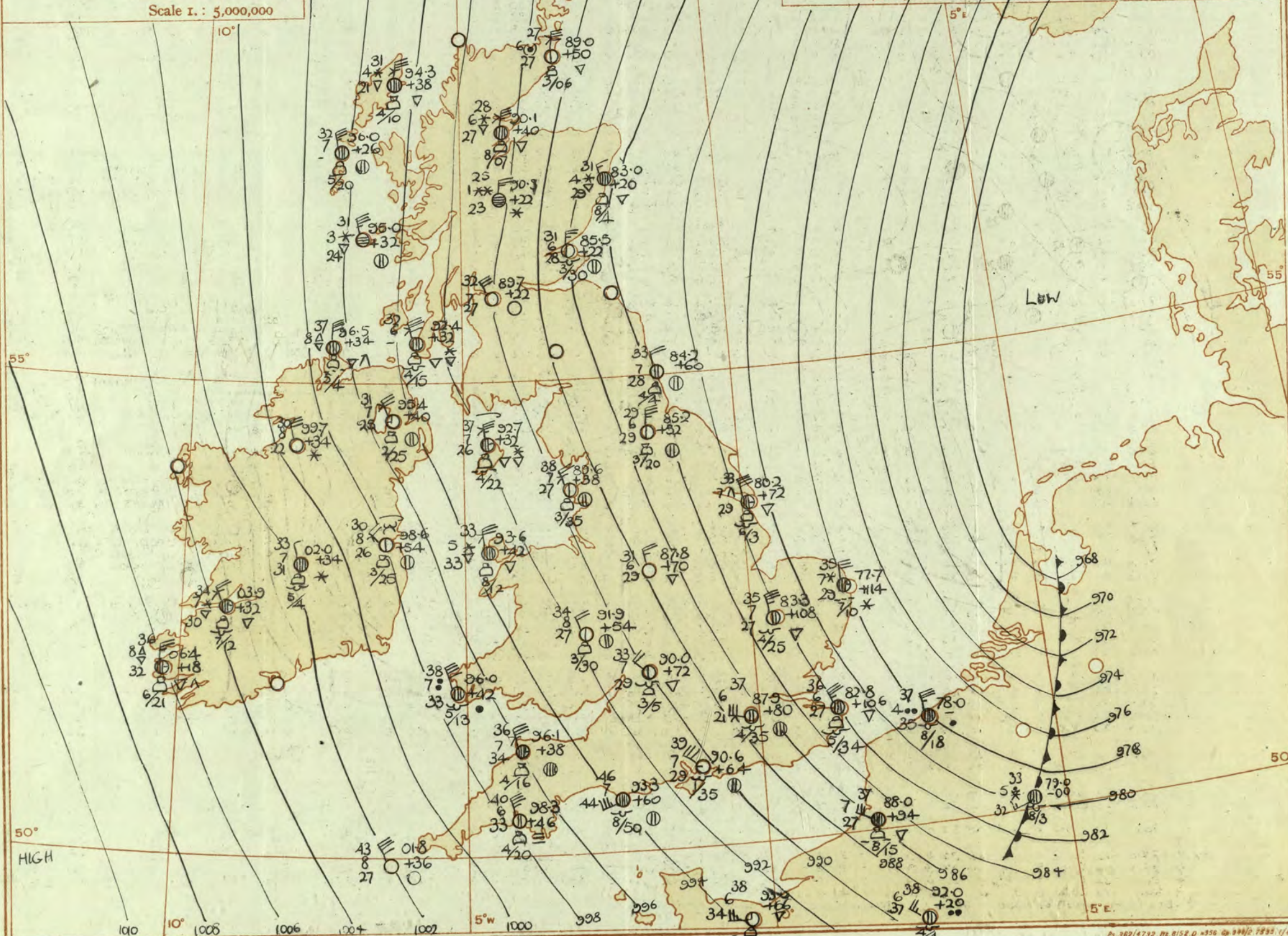
1945

## 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 ...	bc6m0	rkqRhdc	ckqrs	47	34	30	4	5	0.0	.	.
Croydon ...	cmo16	cmebc	cmufy	48			6			80	75
Greenwich ...	c6	rcq	ctsqb	48	33	29	4	6	0.0	86	59
Westminster	.	.	.	49	32	29	8			85	69
Regents Park	.	.	.	49	33	31	5	5		75	60
Camden Square	cq	cqr	.	48	34	31	5	6		.	64
Kensington ...	bcchrncrbq	.	.	48	33	30	4	5		73	
Hampstead ...	orhlt	oshr	xbc	46	31	25	4	5		.	91

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





# GENERAL INFERENCE

A very cold unstable north to northwest airstream covers the British Isles. There will be snow showers in all areas with onshore winds and these showers will penetrate well inland; a belt of more general snow will move quickly south across the country during tonight and tomorrow morning, amounts being greatest in North. Temperature is likely to remain below freezing point in most districts day and night with strong winds reaching gale force locally at times.

# FURTHER OUTLOOK

Continuing very cold with wintry showers.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 19th January  
1945.

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

### 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.

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

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

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.

14206 18th Jan 1945. 65k(75-1) 250°



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

Friday 19th January 1945  
No 30374

[illegible]

0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{2}$	6 = $\frac{9}{10}$
1 = Trace	3 = $\frac{1}{4}$	5 = $\frac{3}{4}$	7 = Mo

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

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

\* Information not usually received.



BRITISH  
SECTION

CONFIDENTIAL

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Saturday 20th January 1945

No. 30375

OBSERVATIONS at 12h. G.M.T. 19th January																			OBSERVATIONS at 18h. G.M.T. 19th January																			OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																						
District.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.				Height of Base K. adreds of feet. (31)	State of Ground. (32)	Weather.		Max. Temp. 10h.- 21h. (36)	Sun- shine Hrs. (37)	Rain 10h.- 21h. mm. (38)																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Dir.	Force.					Form.	Amount.	Low.	Form.			Amount.	Low.					Form.	Amount.	Low.	Form.			Amount.	Low.				Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount.	Low.	Form.	Amount







# GENERAL INFERENCE

A northwest to north stream of cold unstable air covers the British Isles. Secondaries situated in region of Southwest Scotland and Western Channel areas are moving rapidly Southeast turning towards East. They will be followed by further troughs coming down from the North. It will be wintry in all districts with temperatures below freezing point in the majority of areas and keen or hard frost. Snow showers will occur in all regions particularly in areas with onshore winds. Winds will be strong in North and West, reaching gale force locally.

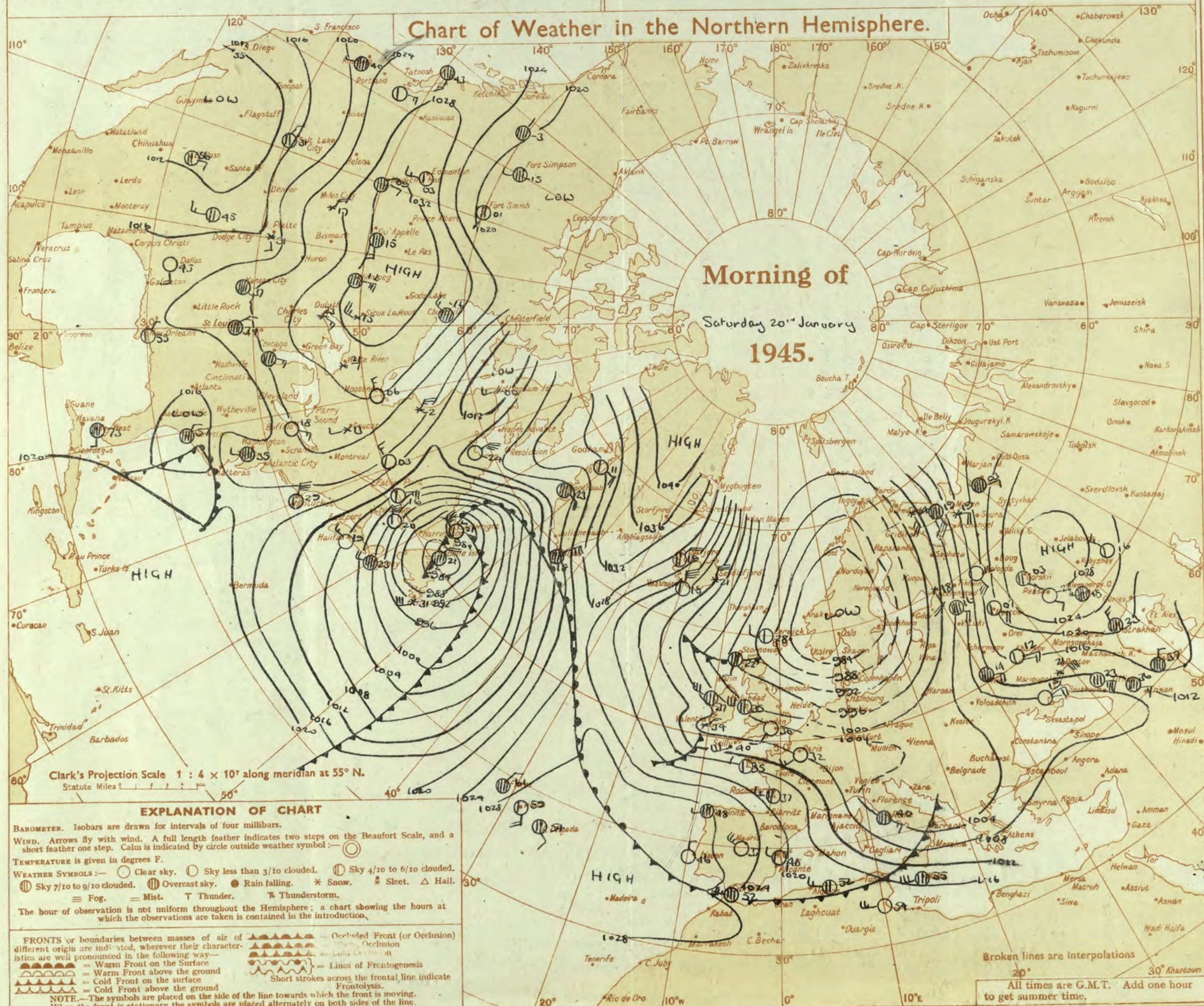
Little change.

# FURTHER OUTLOOK

## Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 20<sup>th</sup> January  
1945.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Saturday 20th January 1945  
No. 30375

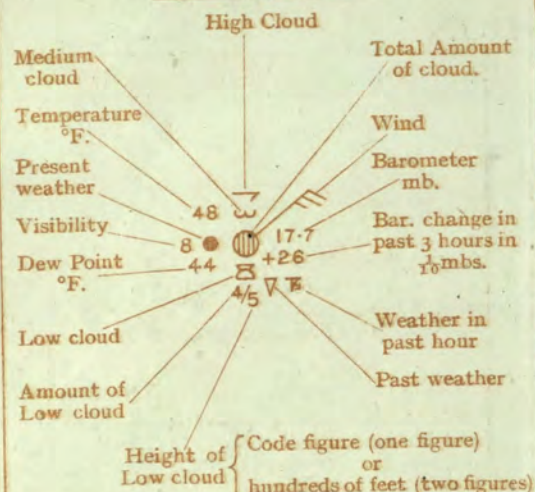
OBSERVATIONS at 00hr. G.M.T. 20th January																	OBSERVATIONS at 06hr. G.M.T. 20th January																	OBSERVATIONS during NIGHT						
DISTRICT.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility. miles	Cloud.					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.		Temperature		Rain.				
					Dir.	Force.					Form.	Amount.		Low.	Med.				High.	Form.					Amount.		Low.	Med.	High.			18h.-00h. (39)	00h.-06h. (40)	Min. °F. (41)	Min. on Grass °F. (42)					
												Total.	A. B.												Total.	A. B.											Total.	A. B.		
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Friston ...	16 217 417 10 —	30.6 30.7 30.7 30.6 30.6	0 -0.1 -0.1 -0.1 -0.1	SW SW SW SW SW	3 4 4 3 3	31 30 31 32 32	28 28 27 27 28	10 10 7 7 7	*	*	*	*	*	30.8 30.7 30.7 30.6 30.6	-0.2 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	2 3 3 4 4	20 20 20 20 20	32 32 31 31 35	27 25 28 25 25	6 5 7 7 8	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	18 50 20 61 —	3 3 4 4 3	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	31 29 27 30 —	25 28 25 18 —	Tr Tr 0.1 — —								
2	Lympne ... Manston ... North Weald ... Felixstowe ... Gorleston ...	341 140 244 10 5	30.7 30.7 30.7 30.7 30.7	+0.1 +0.1 +0.1 +0.1 +0.1	SW SW SW SW SW	3 3 3 3 3	29 31 29 30 20	25 25 22 20 23	7 7 7 6 6	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	+0.1 +0.1 +0.1 +0.1 +0.1	SW SW SW SW SW	2 3 3 3 3	20 20 20 20 20	27 23 28 28 29	24 23 24 28 26	7 6 6 5 7	5 5 5 5 8	1 1 1 1 1	1 1 1 1 1	12 30 30 15 —	0 3 3 3 8	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	26 27 26 28 25	18 25 26 23 25	— — — — —								
3	Mildenhall ... Bircham Newton ... Cranwell ... Cranfield ... Honiley ...	15 221 203 340 427	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	29 28 28 28 27	27 28 28 28 27	6 5 5 5 5	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	6 5 5 5 5	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	35 20 20 30 25	4 4 4 4 4	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	26 22 23 24 23	21 18 15 17 —	— — — — —								
4	Little Rissington ... Shobden ... Bristol ... Chivenor ... Yeovilton ...	731 318 209 20 50	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	29 32 32 32 32	31 27 25 26 26	8 7 7 8 8	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	25 30 40 20 25	4 4 4 4 4	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	25 25 28 31 29	21 10 23 28 24	— — — — —								
5	Portland Bill ... Exeter ... Plymouth ... St. Eval ... The Lizard ...	32 100 86 345 240	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	29 33 36 39 39	27 24 28 28 28	7 6 6 7 7	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	50 30 10 15 10	4 7 7 7 3	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	36 24 30 31 34	13 25 31 31 —	Tr Tr Tr Tr Tr								
6	Scilly, St. Marys ... Fairwood ... Pembroke ... Aberporth ... Penrhos ...	163 268 142 425 63	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	29 35 38 27 26	32 30 27 26 26	7 7 8 8 8	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	15 20 19 30 25	1 3 1 3 4	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	36 31 35 33 (27)	27 — 30 30 27	3 — Tr Tr 0.1								
7	Holyhead, Valley ... Hawarden ... Manchester ... Squires Gate ... Silloth ...	32 15 230 30 25	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	29 31 29 34 27	25 31 29 28 24	8 8 7 7 7	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	20 15 30 30 20	8 7 8 8 8	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	30 28 23 26 26	30 27 25 25 25	Tr Tr Tr Tr Tr								
8	Ashbourne ... Snaith ... Spurn Head ... Leeming ... Tynemouth ...	590 30 29 105 108	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	27 29 26 24 24	27 26 24 24 24	3 3 3 3 3	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	10 20 25 25 —	8 8 8 8 7	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	24 16 27 21 22	22 12 15 20 20	5 1 0.5 0.1 0.0								
9	Acklington ... St. Abb's Head ... Leuchars ... Montrose ... Abbotsinch ...	138 280 31 22 19	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 25 16 19 24	14 18 16 18 22	6 8 7 8 8	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	30 25 40 15 25	8 8 8 8 8	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	22 19 14 12 16	10 13 12 16 16	— 0.4 2 1 0.2								
10	Prestwick ... West Freugh ... Eskdalemuir ... Jurby, I. of Man ... Machrihanish ...	30 53 794 84 35	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	24 23 23 23 23	21 21 21 21 21	6 6 6 6 6	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	18 18 18 18 18	7 7 7 7 7	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	23 19 — — (23)	20 * * * *	0.4 8 — — 3								
11	Tiree ... Oban ... Stornoway ... Cape Wrath ... Dalwhinnie ...	44 74 12 367 1176	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	29 29 22 27 23	26 26 18 23 23	8 8 8 8 8	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	15 0 10 0 0	7 4 8 8 9	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	24 25 21 24 12	26 14 14 14 12	0.4 * 5 0.4 2								
12	Aberdeen ... Fraserburgh ... Aberdeen ... Wick ... Hatston ...	79 76 63 114 45	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	23 22 22 22 22	22 21 21 21 21	6 6 6 6 6	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	10 12 12 13 13	8 8 8 8 8	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	18 18 17 21 21	12 * 17 * *	— 1 3 1 1								
13	Sumburgh ... Sullom Voe ... Blacksod Point ... Malin Head ... Aldergrove ...	15 12 18 84 294	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	29 28 27 27 27	26 26 26 26 26	8 8 8 8 8	*	*	*	*	*	30.7 30.7 30.7 30.7 30.7	-0.1 -0.1 -0.1 -0.1 -0.1	WSW WSW WSW WSW WSW	3 3 3 3 3	20 20 20 20 20	27 27 27 27 27	28 28 28 28 28	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	16 0 8 20 —	8 8 8 8 8	b20x b20x b20x b20x b20x	b20x b20x b20x b20x b20x	25 21 30 27 —	11 17 * 24 —	4 3 — 3 —								
14	Cas. Archdale ... Birr Castle ... Collinstown ... Foynes ... Valentia ... Roches Point ...	240 173 220 3 30 30	30.7 30.7 30.7 30																																					



OBSERVATIONS at 12h. G.M.T. 20 <sup>th</sup> January															OBSERVATIONS at 18h. G.M.T. 20 <sup>th</sup> January															OBSERVATIONS during DAY														
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (°F.) (6)	Dew Point (°F.) (7)	Visibility. (8)	Cloud.				Height of Base Hundreds of feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (°F.) (21)	Dew Point (°F.) (22)	Visibility. (23)	Cloud.				Height of Base Hundreds of feet. (31)	State of Ground. (33)	Weather.		Max. Temp. 24h. (°F.) (36)	Sun- shine Hrs. (37)	Rain 24h. inches. (38)											
				Dir.	Force.					Low.	Med.	High.	Total.				Low.	Med.					High.	Total.	Low.	Med.			High.	Total.				06h.-12h. (34)	12h.-18h. (35)									
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).																																			Columns 13, 14, 15; 16, 29, 30, 31, 32.					* Information not usually received.				
0 = Nil    2 = $\frac{1}{10}$ 4 = $\frac{1}{5}$ 6 = $\frac{3}{10}$ 8 = Completely covered.    A = Lowest cloud present.																																												
1 = Trace    3 = $\frac{1}{4}$ 5 = $\frac{1}{2}$ 7 = More than 9 but with openings.    9 = Sky obscured by fog, etc.    B = Next lowest cloud.																																												
NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.																																												



# STATION MODEL



Scale 1 : 5,000,000

6h Sunday 21st January

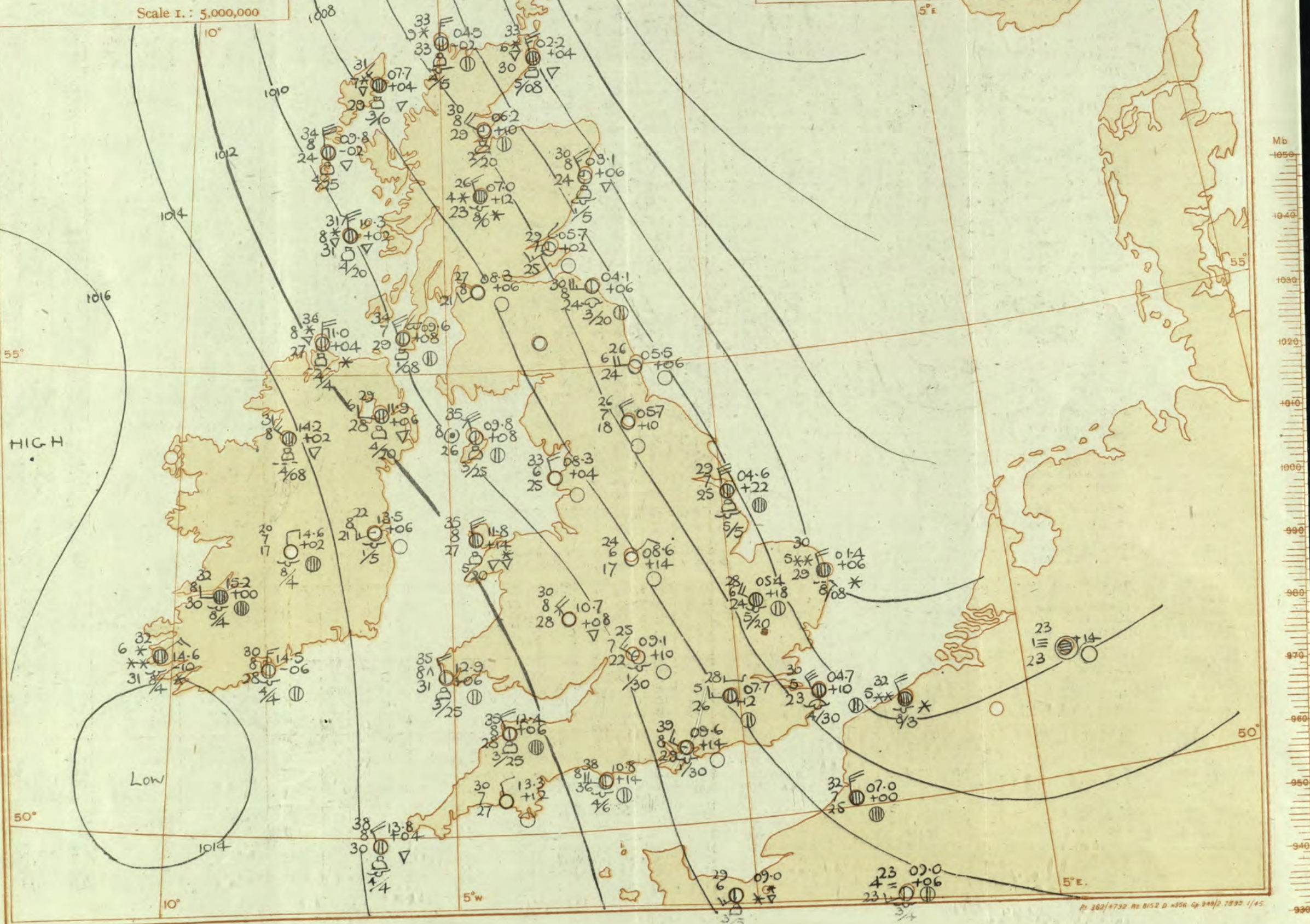
1945

## 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.		15h %	9h %
Kew ...	Sobczx	KQSL	Sobczx	36	27	13	4	-	2.6	75	75
Croydon ...	...	...	...	36	26	24	0.1	-	3.2	75	75
Greenwich ...	bc	ssbcis	cisbm	35	26	27	9	Tr	2.7	79	71
Westminster	...	...	...	36	27	26	2			70	91
Regents Park	...	...	...	...	...	...	...	...	...	...	83
Camden Square	b	bcps	...	34	27	23	1	3		92	85
Kensington ...	bc	bcs	...	35	27	22	0.2	Tr			92
Hampstead ...	bctx	ofx	ossfbc	33	28	19	1	2			92

Atmospheric Pollution Miligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.3 Time 8.2h Min. 0.1 Time 0.6h





# GENERAL INFERENCE

A depression centred northeast of the British Isles is moving slowly south and filling up. There will be occasional snow showers in North and Central Scotland, Northern Ireland, and east and west coast districts of Great Britain. Elsewhere weather will be mainly fine. It will be generally very cold with severe frost in many inland districts to-night.

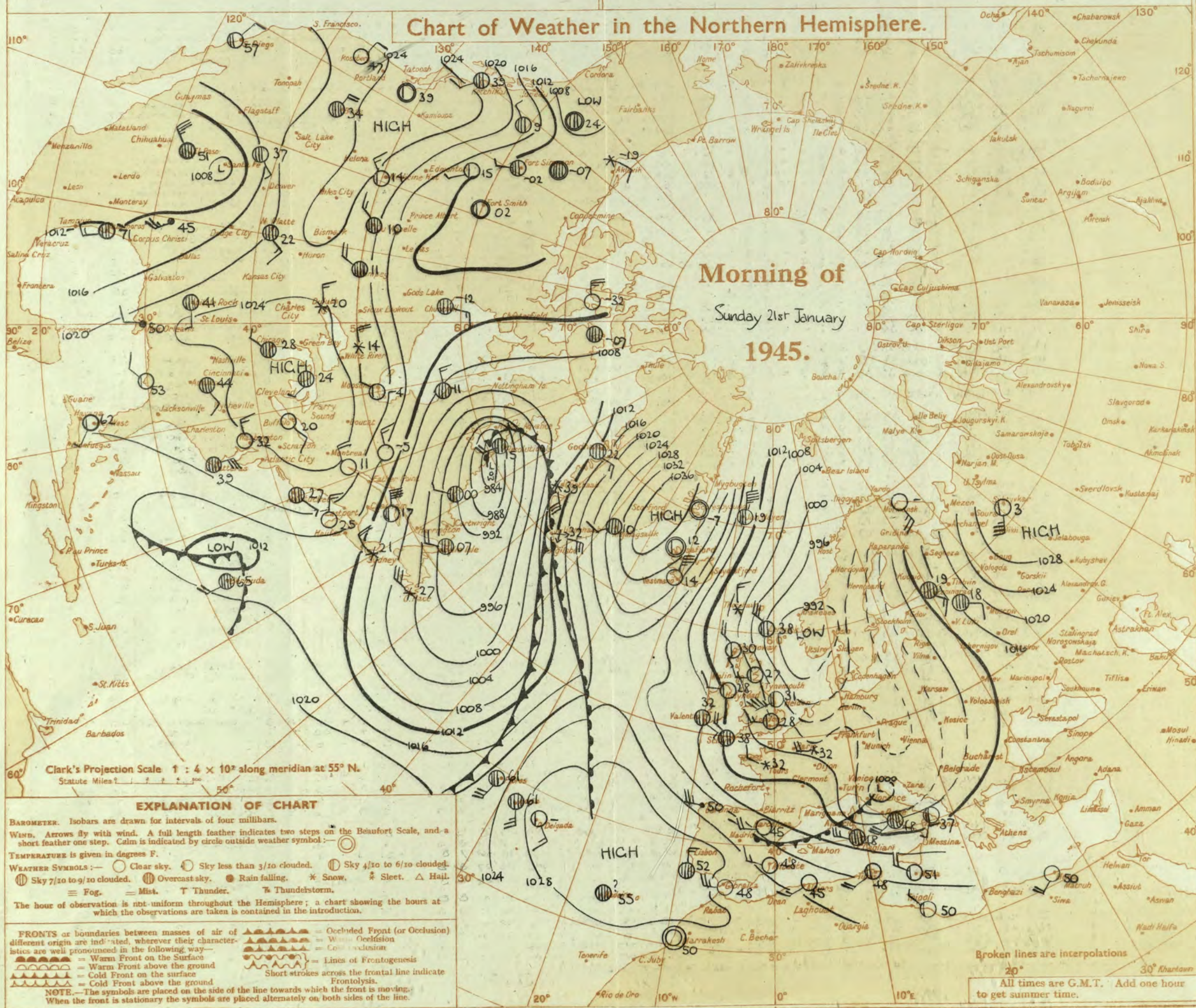
# FURTHER OUTLOOK

Wintry conditions continuing with winds gradually veering northeasterly.

↑ Gale warning in operation in districts 1-3 inclusive. Issued at 0725 G.M.T. 18.1.45.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 21st January  
1945.





[illegible]

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

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

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

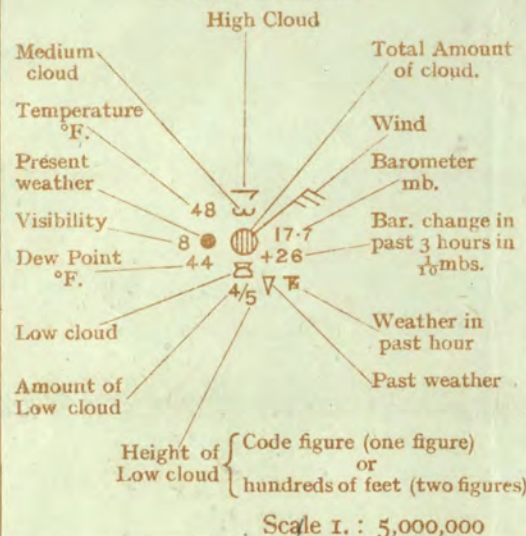
\* Information not usually received.



OBSERVATIONS at 12h. G.M.T. 21 <sup>st</sup> January																	OBSERVATIONS at 18h. G.M.T. 21 <sup>st</sup> January																	OBSERVATIONS during DAY							
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather.	Temp. (°F.) (6)	Dew Point (°F.) (7)	Visibility. (8)	Cloud.				Height of Base Hundreds of feet. (15) (16)	Barom. at M.S.L. (17)	Change in 3 hours (18)	Wind.		Weather.	Temp. (°F.) (21)	Dew Point (°F.) (22)	Visibility. (23)	Cloud.				Height of Base Hundreds of feet. (31) (32)	State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (°F.) (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. inches (38)								
				Direc.	Force.					Form.	Amount.	Total.	Low.				Direc.	Force.					Form.	Amount.	Total.	Low.			06h.-12h. (34)	12h.-18h. (35)											
																																		Low.	Med.	High.	Total.	A.	B.	A.	B.
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Friston ...	11.1 11.6 12.7 12.3	+12 +14 +6 +10	NN W NNN NNN	3 2 4 4	N W b b	34 31 35 35	23 27 29 32	6 4 7 8	- 5 6 7	- 2 3 1	6 6 3 1	5 6 3 1	- 4 3 1	13.3 13.7 14.5 14.9	+14 +14 +14 +20	WSW W W W	2 2 2 2	N N N N	31 30 30 32	25 28 30 29	5 4 7 6	5 4 4 4	- - - 1	- - - 1	2 0 0 1	2 0 0 1	- - - 1	25 35 - -	- - - -	8 8 4 3	cmma20x cmma20x bmxbx bbcb	bcyb20x cm.bm.bm bx byb	35 34 35 38	3.8 3.1 6.9 -	- - - -					
2	Lympe ... Manston ... North Weald ... Felixstowe ... Corlestone ...	09.6 08.7 10.7 08.2 07.9	+14 +20 +16 +18 +8	NN NN NNN NNN NN	4 4 4 4 3	N W NN NN N	31 29 28 30 29	24 22 25 27 30	6 6 6 6 6	5 7 - - 2	7 7 3 3 2	- -<																													



# STATION MODEL



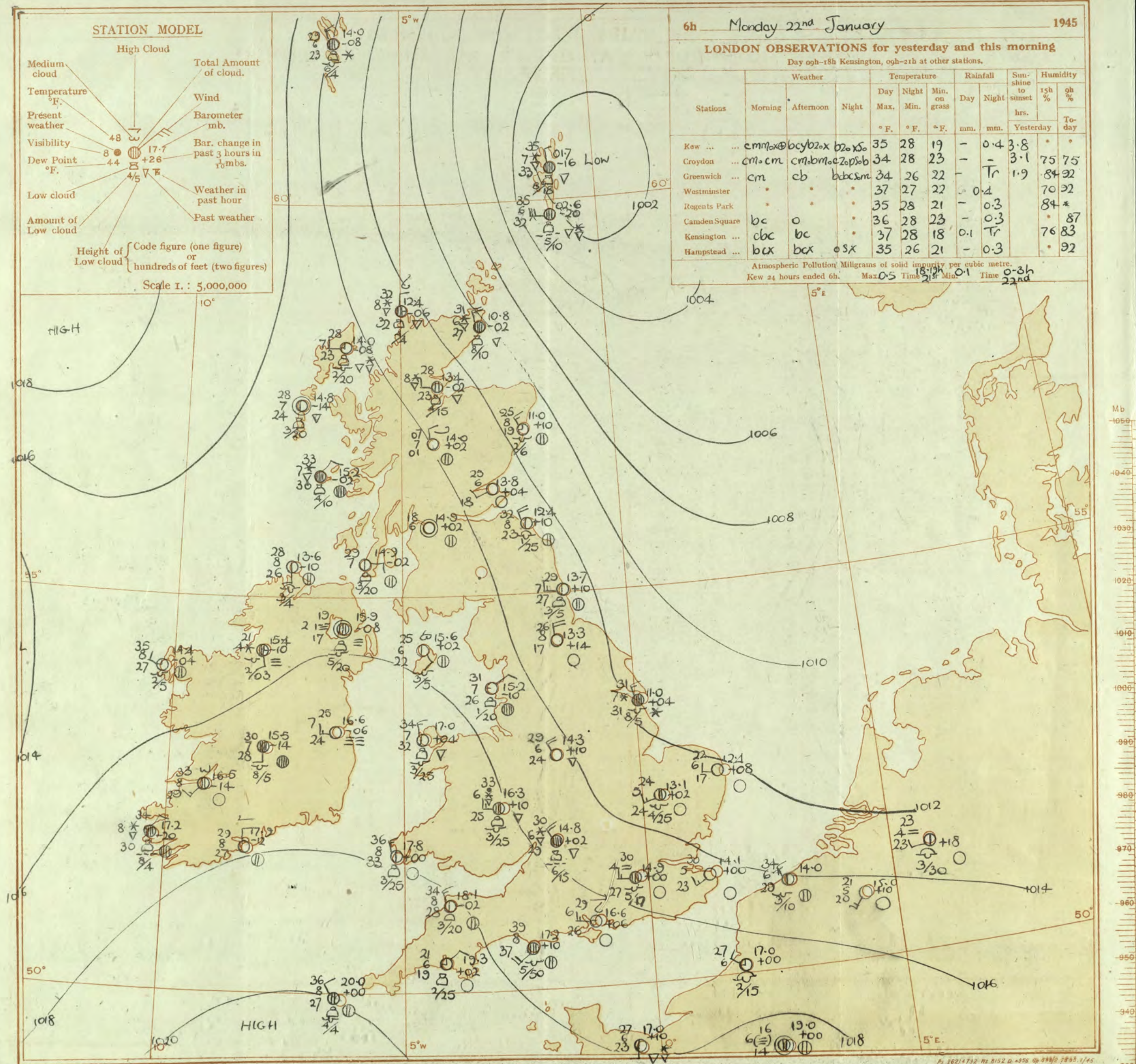
6h Monday 22nd January 1945

## 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 ...	cm	bc	bc	35	28	19	-	0.4	3.8	75	75
Croydon ...	cm	cm	cm	34	28	23	-	-	3.1	75	75
Greenwich ...	cm	cb	bc	34	26	22	-	Tr	1.9	84	92
Westminster	.	.	.	37	27	22	-	0.4		70	92
Regents Park	.	.	.	35	28	21	-	0.3		84	*
Camden Square	bc	o	.	36	28	23	-	0.3		76	87
Kensington ...	cbc	bc	.	37	28	18	0.1	Tr		76	83
Hampstead ...	bcx	bcx	osx	35	26	21	-	0.3		*	92

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.5 Time 18:30 Min. 0.1 Time 0:30





# GENERAL INFERENCE

A depression centred near Shetland is moving slightly N.W. and a developing system West of Ireland will move ESE. Weather will be mainly fair in England and Wales at first but with some local snow in the SE. Tonight more general snowfall will occur in South Wales and S.W. England, probably with heavy falls and drifting snow in Devon and Cornwall. Some fog will develop in the Midlands. In Scotland there will be some snow showers in the N and NE, but weather will be mainly fair elsewhere. It will be generally very cold with hard frost in many places at night.

# FURTHER OUTLOOK

Local snowfall, but bright periods in most areas.

↑ Gale warning in operation in areas 15 and 16.  
Time of Issue 0725 G.M.T. 18th January 1945.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 22nd January  
1945.

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

### EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☔ Rain falling. \* Snow. \* Sleet. △ Hail.

☁☁☁☁☁ Fog. ☁☁☁☁☁ Mist. ⚡ Thunder. ⚡ Thunderstorm.

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

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

— Warm Front on the Surface

— Warm Front above the ground

— Cold Front on the surface

— Cold Front above the ground

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

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



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

Monday, 22nd January, 1945

No. 30377...

OBSERVATIONS at 06hr. G.M.T. 22nd January																	OBSERVATIONS at 06hr. G.M.T. 22nd January																	OBSERVATIONS during NIGHT																
District.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point	Visibility.	Cloud.				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.	Med.				High.	Total.					A.	B.	Low.	Med.			High.	Total.	A.	B.		r8h.-coh.	coh.-6oh.	Min. °F.	Max. °F.												
																																							°F.	°C.	°F.	°C.	°F.	°C.	°F.	°C.	°F.	°C.	°F.	°C.
1	Kew Croydon Boscombe Down Thorney Island Friston	16 217 417 10 1	14.9 16.0 15.9	-2 +8 +4	W W W	3 3 3	20 20 20	28 28 28	21 21 21	5 5 5	1 1 1	1 1 1	1 1 1	1 1 1	14.5 14.9 16.6	+2 +0 +6	W W W	2 3 3	20 20 20	30 30 29	28 27 26	6 6 6	5 5 5	1 1 1	1 1 1	1 1 1	1 1 1	18 17 25	1 1 1	4 4 4	b2x bmx bx	b2x b2x b2x	28 28 26	19 23 17	0.4 - Tr															
2	Lympe Manston North Weald Felixstowe Gorleston	341 140 244 10 5	15.0 14.1 14.7 12.8 11.5	+6 +4 +6 +6 +10	W W W W W	2 2 2 2 2	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	15.4 14.1 14.4 13.3 12.4	+2 0 +2 +2 +8	W W W W W	3 3 3 3 3	20 20 20 20 20	26 26 26 26 26	25 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	30 40 40 40 40	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	22 23 25 25 21	19 19 20 20 18	- - - - -																	
3	Mildenhall Bircham Newton Cranwell Cranfield Honiley	15 221 203 340 427	12.7 11.7 11.8 10.9 10.8	+6 +4 +4 +2 +2	W W W W W	3 3 3 3 3	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	13.1 12.2 12.7 13.7 14.8	+2 +2 +2 +2 +2	W W W W W	3 3 3 3 3	20 20 20 20 20	24 24 24 24 24	24 24 24 24 24	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 10 8 8 12	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	23 21 21 21 25	18 13 23 20 20	0.1 - 2 3 +																	
4	Little Rissington Shobden Bristol Chivenor Yeovilton	731 318 209 20 50	14.3 15.0 16.2 17.7 16.3	-2 +0 +6 +10 +8	W W W W W	3 3 3 3 3	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	14.8 16.3 16.6 18.1 17.0	+2 +0 +0 +2 +4	W W W W W	4 4 4 4 4	20 20 20 20 20	30 30 30 30 30	29 29 29 29 29	6 6 6 6 6	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	15 25 25 20 20	1 1 1 1 1	8 8 8 8 8	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	25 18 27 27 20	21 16 22 19 16	1 Tr - - -																	
5	Portland Bill Exeter Plymouth St. Eval The Lizard	32 100 86 345 240	16.1 17.7 18.8 19.0 18.3	+8 +10 +4 +18 +16	W W W W W	4 4 4 4 4	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	17.2 19.8 19.3 19.0 19.3	+0 +2 +2 +4 0	W W W W W	4 4 4 4 4	20 20 20 20 20	30 30 30 30 30	29 29 29 29 29	6 6 6 6 6	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 25 25 25 25	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	37 21 21 31 30	13 15 u.s. u.s. u.s.	- Tr - Tr Tr																	
6	Scilly, St. Marys Fairwood Pembroke Aberporth Penrhos	163 268 142 425 63	15.9 17.5 17.5 15.0 15.0	+12 +10 +8 +6 +6	W W W W W	4 4 4 4 4	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	20.0 18.0 17.8 17.3 16.6	0 0 0 0 0	W W W W W	2 2 2 2 2	20 20 20 20 20	36 36 36 36 36	27 27 27 27 27	8 8 8 8 8	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	15 25 25 25 25	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	34 25 13 30 30	13 13 13 19 19	1 - - 0.1 -																		
7	Holyhead, Valley Hawarden Manchester Squires Gate Silloth	32 15 230 30 25	15.9 13.3 12.2 12.6 12.3	+6 +4 -2 +12 +10	W W W W W	4 4 4 4 4	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	17.0 15.6 14.7 15.2 15.0	+4 +2 +0 +0 +6	W W W W W	3 3 3 3 3	20 20 20 20 20	34 34 34 34 34	32 32 32 32 32	7 7 7 7 7	8 8 8 8 8	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 20 20 20 20	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	30 16 22 24 22	27 10 11 19 15	0.1 4 0.3 1 -																	
8	Ashbourne Snaith Spurn Head Leeming Tynemouth	590 30 29 105 108	12.5 11.8 10.1 10.2 10.7	+5 +6 +4 +4 +12	W W W W W	2 2 2 2 2	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	14.3 14.2 11.0 13.3 13.3	+0 +2 +4 +4 +0	W W W W W	4 4 4 4 4	20 20 20 20 20	24 24 24 24 24	6 6 6 6 6	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 25 25 25 25	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	31 19 29 22 26	20 14 18 24 24	Tr 1 2 2 3																		
9	Acklington St. Abb's Head Leuchars Montrose Abbotsinch	138 280 31 22 19	10.6 10.6 12.4 11.9 14.0	+20 +16 +24 +26 +18	W W W W W	4 4 4 4 4	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	13.6 12.4 13.8 14.1 14.9	+4 +0 +4 +4 +2	W W W W W	3 3 3 3 3	20 20 20 20 20	26 26 26 26 26	27 27 27 27 27	8 8 8 8 8	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 25 25 25 25	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	23 31 20 23 15	19 13 u.s. u.s. u.s.	- 0.2 - - -																		
10	Prestwick West Freugh Eskdalemuir Jurby, I. of Man Macbrishish	30 53 794 84 35	14.6 13.9 14.3 14.6	+16 +18 +14 +16	W W W W	2 2 2 2	20 20 20 20	23 23 23 23	23 23 23 23	5 5 5 5	1 1 1 1	1 1 1 1	1 1 1 1	15.4 15.1 15.6 14.3	+2 +4 +2 +2	W W W W	0 0 0 0	20 20 20 20	17 17 17 17	7 7 7 7	5 5 5 5	1 1 1 1	1 1 1 1	1 1 1 1	25 25 25 25	1 1 1 1	4 4 4 4	b2x b2x b2x b2x	b2x b2x b2x b2x	23 27 27 27	24 24 24 24	Tr Tr Tr Tr																		
11	Tiree Oban Stornoway Cape Wrath Dalwhinnie	44 74 12 367 1176	15.2 15.3 15.0 13.6 11.76	+12 +10 +8 +6 +6	W W W W W	0 0 0 0 0	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	15.2 15.3 14.0 12.4 14.0	+2 +4 +0 +0 +2	W W W W W	1 1 1 1 1	20 20 20 20 20	33 33 33 33 33	30 30 30 30 30	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 25 25 25 25	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	28 26 26 36 3	22 14 14 19 2	0.4 0.4 0.2 0.2 -																	
12	Aberdeen Fraserburgh Alness Wick Hatston	79 76 63 114 45	10.5 14.1 11.1 10.3	+14 +16 +6 +4	W W W W	5 5 5 5	20 20 20 20	23 23 23 23	23 23 23 23	5 5 5 5	1 1 1 1	1 1 1 1	1 1 1 1	11.0 10.8 13.4 10.8 09.2	+0 +0 +2 +2 +6	W W W W W	3 3 3 3 3	20 20 20 20 20	35 34 34 34 34	19 19 19 19 19	8 8 8 8 8	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 25 25 25 25	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	27 27 27 27 30	22 21 24 24 30	Tr Tr 0.1 0.1 4																		
13	Sumburgh Sullom Voe Blackod Point Malin Head Aldergrove	15 12 18 84 294	06.0 04.8 15.1 15.1 16.6	-4 -10 -14 -14 +16	W W W W W	6 6 6 6 6	20 20 20 20 20	23 23 23 23 23	23 23 23 23 23	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	01.7 02.6 14.4 13.6 15.3	-16 -20 -4 -10 -8	W W W W W	1 1 1 1 1	20 20 20 20 20	35 35 35 35 35	33 33 33 33 33	7 7 7 7 7	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 25 25 25 25	1 1 1 1 1	4 4 4 4 4	b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x	31 31 34 25 14	29 29 29 29 7	5 5 2 - 0.2																	
14	Cas. Archdale Birr Castle Collinstown Foynes Valentia Roches Point	240 173 220 3 30 22	17.1 17.5 17.5 17.1 17.1 20.4	+2 +10 +10 -6 -6 +2	W W W W W W	1 1 1 1 1 1	20 20 20 20 20 20	23 23 23 23 23 23	23 23 23 23 23 23	5 5 5 5 5 5	1 1 1 1 1 1	1 1 1 1 1 1	13.4 13.5 16.6 16.5 17.2 17.3	-0 -14 -6 -14 -12 -12	W W W W W W	1 1 1 1 1 1	20 20 20 20 20 20	35 35 35 35 35 35	33 33 33 33 33 33	4 4 4 4 4 4	5 5 5 5 5 5	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	25 25 25 25 25 25	1 1 1 1 1 1	4 4 4 4 4 4	b2x b2x b2x b2x b2x b2x	b2x b2x b2x b2x b2x b2x	20 24 21 23 23 23	16 19 19 19 19 19	0.5 - - - - 0.6																		



# CONFIDENTIAL THE DAILY WEATHER REPORT

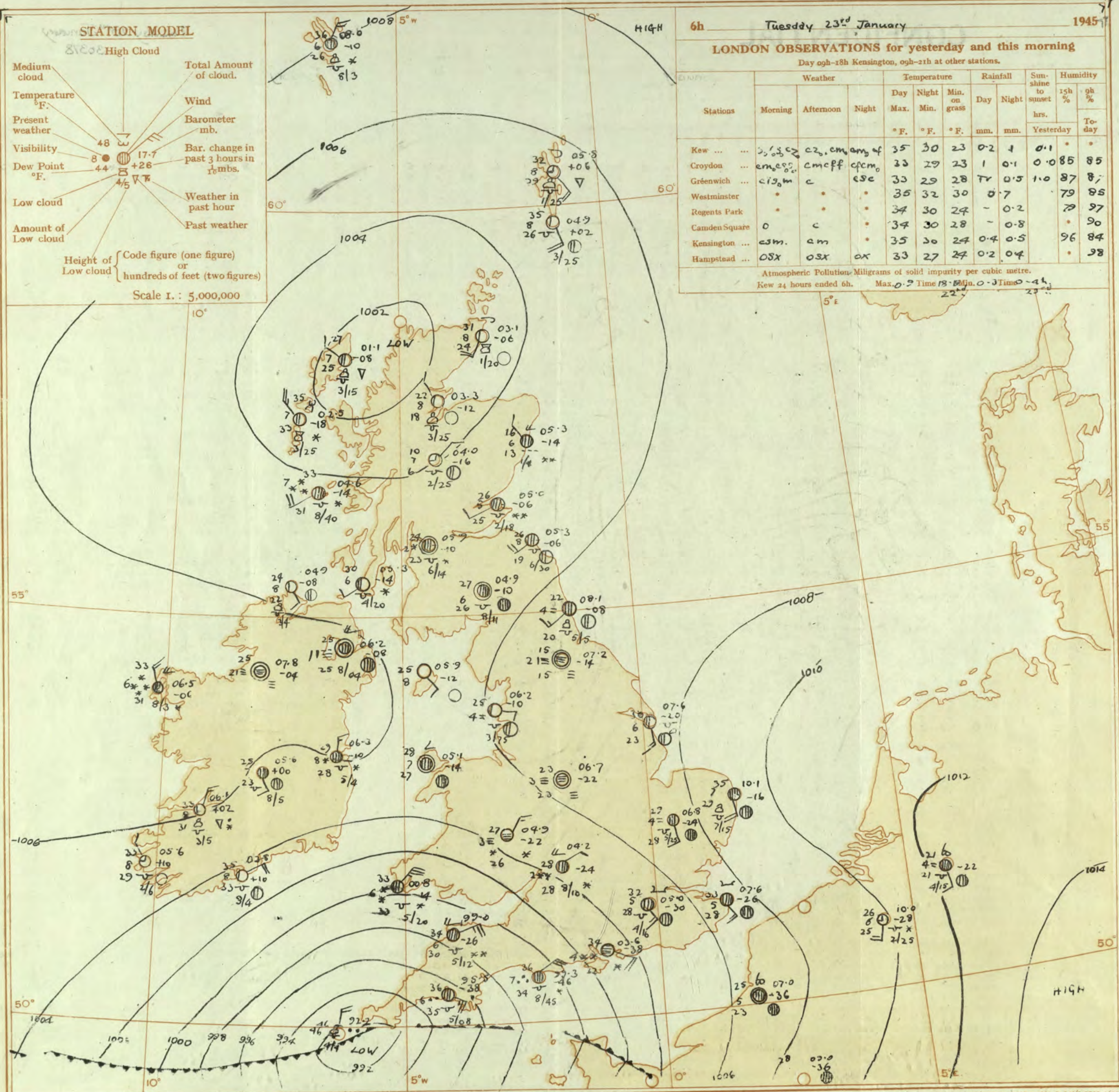
## SECTION OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday 23<sup>rd</sup> January 1945

No. 30378

OBSERVATIONS at 12h. G.M.T. 22 <sup>nd</sup> January																	OBSERVATIONS at 18h. G.M.T. 22 <sup>nd</sup> January																	OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visiblity. (8)	Cloud.				Height of Base Hundreds of feet. (15)	Barom. at M.S.L. (17)	Change in 3 hours (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point. (23)	Visiblity. (24)	Cloud.				Height of Base Hundreds of feet. (27)	Barom. at M.S.L. (29)	Change in 3 hours (30)	Wind.		Weather. (33)	Temp. (34)	Dew Point. (35)	Visiblity. (36)	Cloud.				Height of Base Hundreds of feet. (39)	Barom. at M.S.L. (41)	Change in 3 hours (42)	Wind.		Weather. (45)	Temp. (46)	Dew Point. (47)	Visiblity. (48)	Cloud.				Height of Base Hundreds of feet. (51)	Barom. at M.S.L. (53)	Change in 3 hours (54)	Wind.		Weather. (57)	Temp. (58)	Dew Point. (59)	Visiblity. (60)	Cloud.				Height of Base Hundreds of feet. (63)	Barom. at M.S.L. (65)	Change in 3 hours (66)	Wind.		Weather. (69)	Temp. (70)	Dew Point. (71)	Visiblity. (72)	Cloud.				Height of Base Hundreds of feet. (75)	Barom. at M.S.L. (77)	Change in 3 hours (78)	Wind.		Weather. (81)	Temp. (82)	Dew Point. (83)	Visiblity. (84)	Cloud.				Height of Base Hundreds of feet. (87)	Barom. at M.S.L. (89)	Change in 3 hours (90)	Wind.		Weather. (93)	Temp. (94)	Dew Point. (95)	Visiblity. (96)	Cloud.				Height of Base Hundreds of feet. (99)	Barom. at M.S.L. (101)	Change in 3 hours (102)	Wind.		Weather. (105)	Temp. (106)	Dew Point. (107)	Visiblity. (108)	Cloud.				Height of Base Hundreds of feet. (111)	Barom. at M.S.L. (113)	Change in 3 hours (114)	Wind.		Weather. (117)	Temp. (118)	Dew Point. (119)	Visiblity. (120)	Cloud.				Height of Base Hundreds of feet. (123)	Barom. at M.S.L. (125)	Change in 3 hours (126)	Wind.		Weather. (129)	Temp. (130)	Dew Point. (131)	Visiblity. (132)	Cloud.				Height of Base Hundreds of feet. (135)	Barom. at M.S.L. (137)	Change in 3 hours (138)	Wind.		Weather. (141)	Temp. (142)	Dew Point. (143)	Visiblity. (144)	Cloud.				Height of Base Hundreds of feet. (147)	Barom. at M.S.L. (149)	Change in 3 hours (150)	Wind.		Weather. (153)	Temp. (154)	Dew Point. (155)	Visiblity. (156)	Cloud.				Height of Base Hundreds of feet. (159)	Barom. at M.S.L. (161)	Change in 3 hours (162)	Wind.		Weather. (165)	Temp. (166)	Dew Point. (167)	Visiblity. (168)	Cloud.				Height of Base Hundreds of feet. (171)	Barom. at M.S.L. (173)	Change in 3 hours (174)	Wind.		Weather. (177)	Temp. (178)	Dew Point. (179)	Visiblity. (180)	Cloud.				Height of Base Hundreds of feet. (183)	Barom. at M.S.L. (185)	Change in 3 hours (186)	Wind.		Weather. (189)	Temp. (190)	Dew Point. (191)	Visiblity. (192)	Cloud.				Height of Base Hundreds of feet. (195)	Barom. at M.S.L. (197)	Change in 3 hours (198)	Wind.		Weather. (201)	Temp. (202)	Dew Point. (203)	Visiblity. (204)	Cloud.				Height of Base Hundreds of feet. (207)	Barom. at M.S.L. (209)	Change in 3 hours (210)	Wind.		Weather. (213)	Temp. (214)	Dew Point. (215)	Visiblity. (216)	Cloud.				Height of Base Hundreds of feet. (219)	Barom. at M.S.L. (221)	Change in 3 hours (222)	Wind.		Weather. (225)	Temp. (226)	Dew Point. (227)	Visiblity. (228)	Cloud.				Height of Base Hundreds of feet. (231)	Barom. at M.S.L. (233)	Change in 3 hours (234)	Wind.		Weather. (237)	Temp. (238)	Dew Point. (239)	Visiblity. (240)	Cloud.				Height of Base Hundreds of feet. (243)	Barom. at M.S.L. (245)	Change in 3 hours (246)	Wind.		Weather. (249)	Temp. (250)	Dew Point. (251)	Visiblity. (252)	Cloud.				Height of Base Hundreds of feet. (255)	Barom. at M.S.L. (257)	Change in 3 hours (258)	Wind.		Weather. (261)	Temp. (262)	Dew Point. (263)	Visiblity. (264)	Cloud.				Height of Base Hundreds of feet. (267)	Barom. at M.S.L. (269)	Change in 3 hours (270)	Wind.		Weather. (273)	Temp. (274)	Dew Point. (275)	Visiblity. (276)	Cloud.				Height of Base Hundreds of feet. (279)	Barom. at M.S.L. (281)	Change in 3 hours (282)	Wind.		Weather. (285)	Temp. (286)	Dew Point. (287)	Visiblity. (288)	Cloud.				Height of Base Hundreds of feet. (291)	Barom. at M.S.L. (293)	Change in 3 hours (294)	Wind.		Weather. (297)	Temp. (298)	Dew Point. (299)	Visiblity. (300)	Cloud.				Height of Base Hundreds of feet. (303)	Barom. at M.S.L. (305)	Change in 3 hours (306)	Wind.		Weather. (309)	Temp. (310)	Dew Point. (311)	Visiblity. (312)	Cloud.				Height of Base Hundreds of feet. (315)	Barom. at M.S.L. (317)	Change in 3 hours (318)	Wind.		Weather. (321)	Temp. (322)	Dew Point. (323)	Visiblity. (324)	Cloud.				Height of Base Hundreds of feet. (327)	Barom. at M.S.L. (329)	Change in 3 hours (330)	Wind.		Weather. (333)	Temp. (334)	Dew Point. (335)	Visiblity. (336)	Cloud.				Height of Base Hundreds of feet. (339)	Barom. at M.S.L. (341)	Change in 3 hours (342)	Wind.		Weather. (345)	Temp. (346)	Dew Point. (347)	Visiblity. (348)	Cloud.				Height of Base Hundreds of feet. (351)	Barom. at M.S.L. (353)	Change in 3 hours (354)	Wind.		Weather. (357)	Temp. (358)	Dew Point. (359)	Visiblity. (360)	Cloud.				Height of Base Hundreds of feet. (363)	Barom. at M.S.L. (365)	Change in 3 hours (366)	Wind.		Weather. (369)	Temp. (370)	Dew Point. (371)	Visiblity. (372)	Cloud.				Height of Base Hundreds of feet. (375)	Barom. at M.S.L. (377)	Change in 3 hours (378)	Wind.		Weather. (381)	Temp. (382)	Dew Point. (383)	Visiblity. (384)	Cloud.				Height of Base Hundreds of feet. (387)	Barom. at M.S.L. (389)	Change in 3 hours (390)	Wind.		Weather. (393)	Temp. (394)	Dew Point. (395)	Visiblity. (396)	Cloud.				Height of Base Hundreds of feet. (399)	Barom. at M.S.L. (401)	Change in 3 hours (402)	Wind.		Weather. (405)	Temp. (406)	Dew Point. (407)	Visiblity. (408)	Cloud.				Height of Base Hundreds of feet. (411)	Barom. at M.S.L. (413)	Change in 3 hours (414)	Wind.		Weather. (417)	Temp. (418)	Dew Point. (419)	Visiblity. (420)	Cloud.				Height of Base Hundreds of feet. (423)	Barom. at M.S.L. (425)	Change in 3 hours (426)	Wind.		Weather. (429)	Temp. (430)	Dew Point. (431)	Visiblity. (432)	Cloud.				Height of Base Hundreds of feet. (435)	Barom. at M.S.L. (437)	Change in 3 hours (438)	Wind.		Weather. (441)	Temp. (442)	Dew Point. (443)	Visiblity. (444)	Cloud.				Height of Base Hundreds of feet. (447)	Barom. at M.S.L. (449)	Change in 3 hours (450)	Wind.		Weather. (453)	Temp. (454)	Dew Point. (455)	Visiblity. (456)	Cloud.				Height of Base Hundreds of feet. (459)	Barom. at M.S.L. (461)	Change in 3 hours (462)	Wind.		Weather. (465)	Temp. (466)	Dew Point. (467)	Visiblity. (468)	Cloud.				Height of Base Hundreds of feet. (471)	Barom. at M.S.L. (473)	Change in 3 hours (474)	Wind.		Weather. (477)	Temp. (478)	Dew Point. (479)	Visiblity. (480)	Cloud.				Height of Base Hundreds of feet. (483)	Barom. at M.S.L. (485)	Change in 3 hours (486)	Wind.		Weather. (489)	Temp. (490)	Dew Point. (491)	Visiblity. (492)	Cloud.				Height of Base Hundreds of feet. (495)	Barom. at M.S.L. (497)	Change in 3 hours (498)	Wind.		Weather. (501)	Temp. (502)	Dew Point. (503)	Visiblity. (504)	Cloud.				Height of Base Hundreds of feet. (507)	Barom. at M.S.L. (509)	Change in 3 hours (510)	Wind.		Weather. (513)	Temp. (514)	Dew Point. (515)	Visiblity. (516)	Cloud.				Height of Base Hundreds of feet. (519)	Barom. at M.S.L. (521)	Change in 3 hours (522)	Wind.		Weather. (525)	Temp. (526)	Dew Point. (527)	Visiblity. (528)	Cloud.				Height of Base Hundreds of feet. (531)	Barom. at M.S.L. (533)	Change in 3 hours (534)	Wind.		Weather. (537)	Temp. (538)	Dew Point. (539)	Visiblity. (540)	Cloud.				Height of Base Hundreds of feet. (543)	Barom. at M.S.L. (545)	Change in 3 hours (546)	Wind.		Weather. (549)	Temp. (550)	Dew Point. (551)	Visiblity. (552)	Cloud.				Height of Base Hundreds of feet. (555)	Barom. at M.S.L. (557)	Change in 3 hours (558)	Wind.		Weather. (561)	Temp. (562)	Dew Point. (563)	Visiblity. (564)	Cloud.				Height of Base Hundreds of feet. (567)	Barom. at M.S.L. (569)	Change in 3 hours (570)	Wind.		Weather. (573)	Temp. (574)	Dew Point. (575)	Visiblity. (576)	Cloud.				Height of Base Hundreds of feet. (579)	Barom. at M.S.L. (581)	Change in 3 hours (582)	Wind.		Weather. (585)	Temp. (586)	Dew Point. (587)	Visiblity. (588)	Cloud.				Height of Base Hundreds of feet. (591)	Barom. at M.S.L. (593)	Change in 3 hours (594)	Wind.		Weather. (597)	Temp. (598)	Dew Point. (599)	Visiblity. (600)	Cloud.				Height of Base Hundreds of feet. (603)	Barom. at M.S.L. (605)	Change in 3 hours (606)	Wind.		Weather. (609)	Temp. (610)	Dew Point. (611)	Visiblity. (612)	Cloud.				Height of Base Hundreds of feet. (615)	Barom. at M.S.L. (617)	Change in 3 hours (618)	Wind.		Weather. (621)	Temp. (622)	Dew Point. (623)	Visiblity. (624)	Cloud.				Height of Base Hundreds of feet. (627)	Barom. at M.S.L. (629)	Change in 3 hours (630)	Wind.		Weather. (633)	Temp. (634)	Dew Point. (635)	Visiblity. (636)	Cloud.				Height of Base Hundreds of feet. (639)	Barom. at M.S.L. (641)	Change in 3 hours (642)	Wind.		Weather. (645)	Temp. (646)	Dew Point. (647)	Visiblity. (648)	Cloud.				Height of Base Hundreds of feet. (651)	Barom. at M.S.L. (653)	Change in 3 hours (654)	Wind.		Weather. (657)	Temp. (658)	Dew Point. (659)	Visiblity. (660)	Cloud.				Height of Base Hundreds of feet. (663)	Barom. at M.S.L. (665)	Change in 3 hours (666)	Wind.		Weather. (669)	Temp. (670)	Dew Point. (671)	Visiblity. (672)	Cloud.				Height of Base Hundreds of feet. (675)	Barom. at M.S.L. (677)	Change in 3 hours (678)	Wind.		Weather. (681)	Temp. (682)	Dew Point. (683)	Visiblity. (684)	Cloud.				Height of Base Hundreds of feet. (687)	Barom. at M.S.L. (689)	Change in 3 hours (690)	Wind.		Weather. (693)	Temp. (694)	Dew Point. (695)	Visiblity. (696)	Cloud.				Height of Base Hundreds of feet. (699)	Barom. at M.S.L. (701)	Change in 3 hours (702)	Wind.		Weather. (705)	Temp. (706)	Dew Point. (707)	Visiblity. (708)	Cloud.				Height of Base Hundreds of feet. (711)	Barom. at M.S.L. (713)	Change in 3 hours (714)	Wind.		Weather. (717)	Temp. (718)	Dew Point. (719)	Visiblity. (720)	Cloud.				Height of Base Hundreds of feet. (723)	Barom. at M.S.L. (725)	Change in 3 hours (726)	Wind.		Weather. (729)	Temp. (730)	Dew Point. (731)	Visiblity. (732)	Cloud.				Height of Base Hundreds of feet. (735)	Barom. at M.S.L. (737)	Change in 3 hours (738)	Wind.		Weather. (741)	Temp. (742)	Dew Point. (743)	Visiblity. (744)	Cloud.				Height of Base Hundreds of feet. (747)	Barom. at M.S.L. (749)	Change in 3 hours (750)	Wind.		Weather. (753)	Temp. (754)	Dew Point. (755)	Visiblity. (756)	Cloud.				Height of Base Hundreds of feet. (759)	Barom. at M.S.L. (761)	Change in 3 hours (762)	Wind.		Weather. (765)	Temp. (766)	Dew Point. (767)	Visiblity. (768)	Cloud.				Height of Base Hundreds of feet. (771)	Barom. at M.S.L. (773)	Change in 3 hours (774)	Wind.		Weather. (777)	Temp. (778)	Dew Point. (779)	Visiblity. (780)	Cloud.				Height of Base Hundreds of feet. (783)	Barom. at M.S.L. (785)	Change in 3 hours (786)	Wind.		Weather. (789)	Temp. (790)	Dew Point. (791)	Visiblity. (792)	Cloud.				Height of Base Hundreds of feet. (795)	Barom. at M.S.L. (797)	Change in 3 hours (798)	Wind.		Weather. (801)	Temp. (802)	Dew Point. (803)	Visiblity. (804)	Cloud.				Height of Base Hundreds of feet. (807)	Barom. at M.S.L. (809)	Change in 3 hours (810)	Wind.		Weather. (813)	Temp. (814)	Dew Point. (815)	Visiblity. (816)	Cloud.				Height of Base Hundreds of feet. (819)	Barom. at M.S.L. (821)	Change in 3 hours (822)	Wind.		Weather. (825)	Temp. (826)	Dew Point. (827)	Visiblity. (828)	Cloud.				Height of Base Hundreds of feet. (831)	Barom. at M.S.L. (833)	Change in 3 hours (834)	Wind.		Weather. (837)	Temp. (838)	Dew Point. (839)	Visiblity. (840)	Cloud.				Height of Base Hundreds of feet. (843)	Barom. at M.S.L. (845)	Change in 3 hours (846)	Wind.		Weather. (849)	Temp. (850)	Dew Point. (851)	Visiblity. (852)	Cloud.				Height of Base Hundreds of feet. (855)	Barom. at M.S.L. (857)	Change in 3 hours (858)	Wind.		Weather. (861)	Temp. (862)	Dew Point. (863)	Visiblity. (864)	Cloud.				Height of Base Hundreds of feet. (867)	Barom. at M.S.L. (869)	Change in 3 hours (870)	Wind.		Weather. (873)	Temp. (874)	Dew Point. (875)	Visiblity. (876)	Cloud.				Height of Base Hundreds of feet. (879)	Barom. at M.S.L. (881)	Change in 3 hours (882)	Wind.		Weather. (885)	Temp. (886)	Dew Point. (887)	Visiblity. (888)	Cloud.				Height of Base Hundreds of feet. (891)	Barom. at M.S.L. (893)	Change in 3 hours (894)	Wind.		Weather. (897)	Temp. (898)	Dew Point. (899)	Visiblity. (900)	Cloud.				Height of Base Hundreds of feet. (903)	Barom. at M.S.L. (905)	Change in 3 hours (906)	Wind.		Weather. (909)	Temp. (910)	Dew Point. (911)	Visiblity. (912)	Cloud.				Height of Base Hundreds of feet. (915)	Barom. at M.S.L. (917)	Change in 3 hours (918)	Wind.		Weather. (921)	Temp. (922)	Dew Point. (923)	Visiblity. (924)	Cloud.				Height of Base Hundreds of feet. (927)	Barom. at M.S.L. (929)	Change in 3 hours (930)	Wind.		Weather. (933)	Temp. (934)	Dew Point. (935)	Visiblity. (936)	Cloud.				Height of Base Hundreds of feet. (939)	Barom. at M.S.L. (941)	Change in 3 hours (942)	Wind.		Weather. (945)	Temp.<







# GENERAL INFERENCE

A depression centred over Northwest Scotland is moving slowly southwest, and a depression just south of Cornwall is moving east-southeast. Weather will be dull over the Midlands, East and South England, with slight snow occasionally in the north and slight to moderate snow in the south. It will be very cold with temperatures a little above freezing this afternoon, and frost tonight. Elsewhere in the British Isles there will be variable cloud and local snow showers with showers most frequent in West Scotland. It will be very cold, with frost in most districts. Visibility will be bad in snow areas and there will be appreciable fog in North England, Ireland, and the Lowlands of Scotland. Winds will rise a few miles locally on the south coast.

# FURTHER OUTLOOK

Very cold. Local snow.

Gate warning in operation in district 1.  
Time of issue 0225 GMT and 0730 GMT on 27rd.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 25<sup>th</sup> January  
1945.

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

# 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. Δ Hail.

☁ Fog. ☁ Mist. T Thunder. T Thunderstorm.

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

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

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

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

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

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Tuesday, 23rd January 1945  
No. 30378

OBSERVATIONS at 00hr. G.M.T. 23rd January																OBSERVATIONS at 06hr. G.M.T. 23rd 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.		Weather.	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.						Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.						State of Ground. (33)	Weather.		Temperature		Rain.
					Dir. (3)	Force (4)					Form.	Amount.		Height of Base Hundreds of feet.		Dir. (19)			Force (20)	Form.					Amount.		Height of Base Hundreds of feet.		18h.-00h. (39)	00h.-06h. (40)		Min. (41)	Min. on Grass (42)			
												Low. (9)	Med. (10)	High. (11)	Total. (12)										A. (13)	B. (14)	Low. (25)	Med. (26)						High. (27)	Total. (28)	
1	Kew ...	16	11.2	-24	SE	1	3	30	29	3							04.2	-30	E	3	2	31	30	5						cm-cf	cs-cm	30	23	1		
	Croydon ...	217	11.2	-24	SE	1	3	30	29	3							05.0	-30	SE	3	2	31	30	5						cm-cf	cs-cm	29	23	0.1		
	Boscombe Down ...	417	10.5	-32	ESE	0	0	30	29	3							03.2	-34	ESE	4	3	32	30	4						cm-cf	cs-cm	28	25	2		
	Thorney Island ...	10	11.4	-18	SE	1	1	30	29	3							03.6	-38	ESE	4	3	32	30	4						cm-cf	cs-cm	31	28	2		
	Friston ...																																			
	Lympe ...	341	12.6	-26	SW	1	2	33	23	6							07.3	-26	SE	3	2	32	28	5							cm-cf	cs-cm	27	18	0.4	
	Manston ...	140	13.1	-14	SSE	3	3	32	27	5							07.6	-26	SE	3	2	33	28	5							cm-cf	cs-cm	26	19	1	
2	North Weald ...	244	11.8	-22	SE	1	2	31	26	3							05.9	-26	SSE	3	2	30	26	5							cm-cf	cs-cm	25	19	1	
	Felixstowe ...	10	12.8	-18	SW	1	2	31	29	3							07.8	-22	SE	3	2	34	30	5							cm-cf	cs-cm	30	23	1	
	Corlestone ...	5	14.3	-2	WNW	2	2	30	27	7							10.1	-16	SSE	4	3	35	29	7							cm-cf	cs-cm	24	20	1	
	Mildenhall ...	15	12.0	-18	SE	1	2	29	23	5							06.8	-24	SSE	1	2	29	28	4							cm-cf	cs-cm	27	24	1	
	Bircham Newton ...	221	12.2	-18	SE	1	2	30	27	4							08.0	-20	SSE	2	2	28	26	5							cm-cf	cs-cm	24	20	1	
	Cranwell ...	203	10.8	-26	SE	2	2	20	15	4							06.8	-18	SSE	1	2	20	20	3							cm-cf	cs-cm	15	13	1	
3	Cranfield ...	340	11.9	-22	SE	1	2	27	26	4							06.6	-24	SSE	2	2	28	28	3							cm-cf	cs-cm	24	22	1	
	Honiley ...	427	11.0	-6	E	3	3	23	20	3							05.4	-22	ESE	3	3	26	24	3							cm-cf	cs-cm	21	20	2	
4	Little Rissington ...	731	09.8	-26	ESE	2	3	26	25	4							04.2	-24	ESE	2	3	28	28	3							cm-cf	cs-cm	25	24	1	
	Shobden ...	318	09.8	-42	NE	1	1	22	22	5							04.9	-22	ESE	3	3	27	26	3							cm-cf	cs-cm	20	18	1	
5	Bristol ...	209	10.7	-14	NE	0	0	31	28	5							03.5	-36	ESE	3	3	31	30	5							cm-cf	cs-cm	30	28	1	
	Chivenor ...	20	05.9	-36	ESE	2	2	33	32	6							09.0	-26	ESE	2	3	34	30	5							cm-cf	cs-cm	32	31	1	
	Yeovilton ...	50	06.6	-30	SE	2	2	32	32	6							00.3	-40	ESE	4	4	33	33	5							cm-cf	cs-cm	28	27	4	
	Portland Bill ...	32	09.6	-18	ESE	5	5	39	37	8							09.3	-46	ESE	6	6	36	34	5							cm-cf	cs-cm	36	32	8	
	Exeter ...	100	07.5	-32	ESE	4	4	33	30	6							09.1	-40	ESE	4	4	35	35	5							cm-cf	cs-cm	32	32	7	
	Plymouth ...	86	04.1	-54	ESE	5	5	33	33	6							05.5	-38	ESE	4	4	35	35	5							cm-cf	cs-cm	32	32	3	
	St. Eval ...	345	01.6	-38	SE	6	6	32	31	5							04.9	-22	ESE	4	4	34	30	5							cm-cf	cs-cm	31	31	5	
	The Lizard ...	240	02.2	-38	SE	7	7	30	28	5							05.0	-22	ESE	4	4	34	30	5							cm-cf	cs-cm	34	34	5	
6	Scilly, St. Marys ...	163	09.1	-46	SE	6	6	39	38	6							09.2	-18	ESE	4	4	36	34	5							cm-cf	cs-cm	36	32	8	
	Fairwood ...	268	07.9	-20	SE	5	5	33	30	5							01.6	-32	ESE	5	5	31	29	5							cm-cf	cs-cm	30	23	1	
	Pembroke ...	142	06.4	-26	ESE	7	7	36	34	8							00.8	-14	ESE	7	7	33	33	6							cm-cf	cs-cm	31	31	2	
	Aberporth ...	425	06.4	-26	ESE	7	7	36	34	8							03.2	-10	ESE	7	7	33	29	6							cm-cf	cs-cm	32	24	1	
7	Penrhos ...	63	07.7	-22	SE	4	4	34	29	6							04.8	-12	ESE	3	3	38	20	6							cm-cf	cs-cm	26	15	1	
	Holyhead, Valley ...	32	08.4	-20	SE	0	0	33	33	7							05.1	-14	ESE	0	0	28	27	7							cm-cf	cs-cm	21	19	1	
	Hawarden ...	15	09.7	-22	SE	2	2	31	21	5							06.0	-14	ESE	1	1	15	15	2							cm-cf	cs-cm	13	9	0.4	
8	Manchester ...	230	09.1	-26	SE	2	2	23	23	4							06.4	-16	ESE	2	2	19	19	4							cm-cf	cs-cm	21	18	1	
	Squires Gate ...	30	09.1	-16	SE	1	1	23	23	4							06.2	-10	ESE	1	1	25	25	4							cm-cf	cs-cm	21	18	1	
	Silloth ...	25	08.8	-12	SE	1	1	32	27	6							07.0	-10	ESE	0	0	22	22	6							cm-cf	cs-cm	20	17	2	
9	Ashbourne ...	590	11.1	-18	NE	2	2	21	21	3							06.7	-22	ESE	2	2	23	23	3							cm-cf	cs-cm	18	15	1	
	Snaith ...	30	11.3	-18	NE	2	2	21	21	3							07.8	-16	ESE	1	1	12	12	3							cm-cf	cs-cm	10	10	1	
10	Spurn Head ...	29	11.4	-14	SE	1	1	32	26	6							07.6	-20	ESE	0	0	30	23	3							cm-cf	cs-cm	27	16	1	
	Leeming ...	105	10.2	-18	SE	1	1	16	12	4							07.2	-14	ESE	0	0	15	15	2							cm-cf	cs-cm	11	8	1	
	Tynemouth ...	108	10.0	-10	SE	3	3	24	21	3							08.1	-8	ESE	3	3	22	20	4							cm-cf	cs-cm	22	21	1	
11	Ackington ...	138	08.8	-18	SE	0	0	23	22	4							06.5	-10	ESE	1	1	20	20	4							cm-cf	cs-cm	16	13	1	
	St. Abb's Head ...	280	07.3																																	



BRITISH SECTION **CONFIDENTIAL** THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Wednesday 24<sup>th</sup> January 1945

No. 32372.

[illegible]

\* Information not usually received.

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

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

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



High Cloud

Medium cloud

Temperature °F.

Present weather

Visibility

Dew Point °F.

Low cloud

Amount of Low cloud

Height of Low cloud

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

Scale 1. : 5,000,000

Past weather

Weather in past hour

Bar. change in past 3 hours in 10 mbs.

Barometer mb.

Wind

Total Amount of cloud.

Scale 1. : 5,000,000

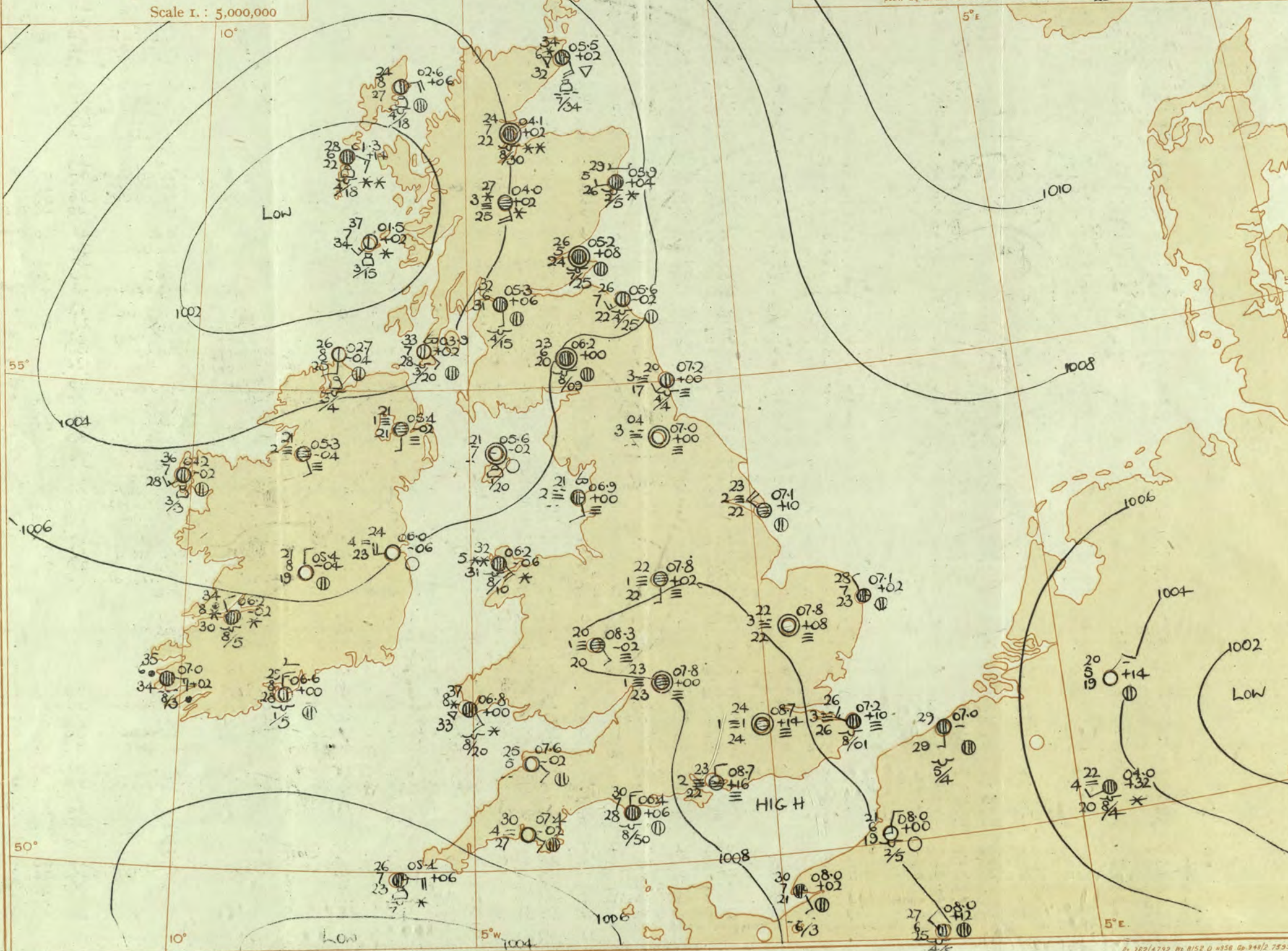
LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		11 %	9 %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To- day
Kew ...	CS <sub>0</sub> S <sub>0</sub> SoMoSSo	cmX	bcmx	33	24	14	0.3	-	0.0	.	.
Croydon ...	cmS <sub>0</sub> SoMo	CS <sub>0</sub> SSoSo	bcofof	34	21	16		-	0.0	100	100
Greenwich ...	CS	SSC	cbgf	33	24	24	1	Tr	0.0	81	97
Westminster	.	.	.	35	26	24		Tr			80
Regents Park	.	.	.	34	24	11	Tr	-		*	*
Camden Square	OS	OS	.	33	25	21	Tr	-		.	93
Kensington ...	OS	SO	.	35	25	18	Tr	0.2		78	87
Hampstead ...	OSX	OSX	ofx	32	23	21	0.1	Tr		.	97

Atmospheric Pollution Miligrams of solid impurity per cubic metre

Kew 24 hours ended 6h.	Max.	Time 23 <sup>rd</sup>	Mjn.	Time 24 <sup>th</sup>
		0.5	0.2	0.2h



H.M.S.O. Price 6d. Dunstable.

pc 262/4792 Wt 8152 D #356 Gp. 948/2 7593.1/45



# GENERAL INFERENCE

A depression centred over West Scotland is moving South south west and another depression South of Cornwall is moving East-southeast. Pressure will remain rather uniform over England. There will be showers of sleet and snow in Western Coastal districts of England and Wales, in Coastal districts of Scotland, and over Ireland. Over Ireland, East Wales, and the rest of England there will be fairly general mist and fog, with low stratus locally. Fog will occur locally in Scotland. It will be very cold generally, with hard frost in most districts.

# FURTHER OUTLOOK

Continuing very cold, with local wintry showers.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 24<sup>th</sup> January  
1945.

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

## EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

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

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

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



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

Wednesday 24th January 1945

No.....30379

[illegible]

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).									
0 = Nil	2 = $\frac{1}{10}$	4 = $\frac{1}{5}$	6 = $\frac{2}{10}$	8 = Completely covered.					
1 = Trace	3 = $\frac{1}{5}$	5 = $\frac{3}{10}$	7 = More than 9 but with openings.	9 = Sky obscured by fog, etc.					

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

\* Information not usually received.



BRITISH  
SECTION

# CONFIDENTIAL THE DAILY WEATHER REPORT

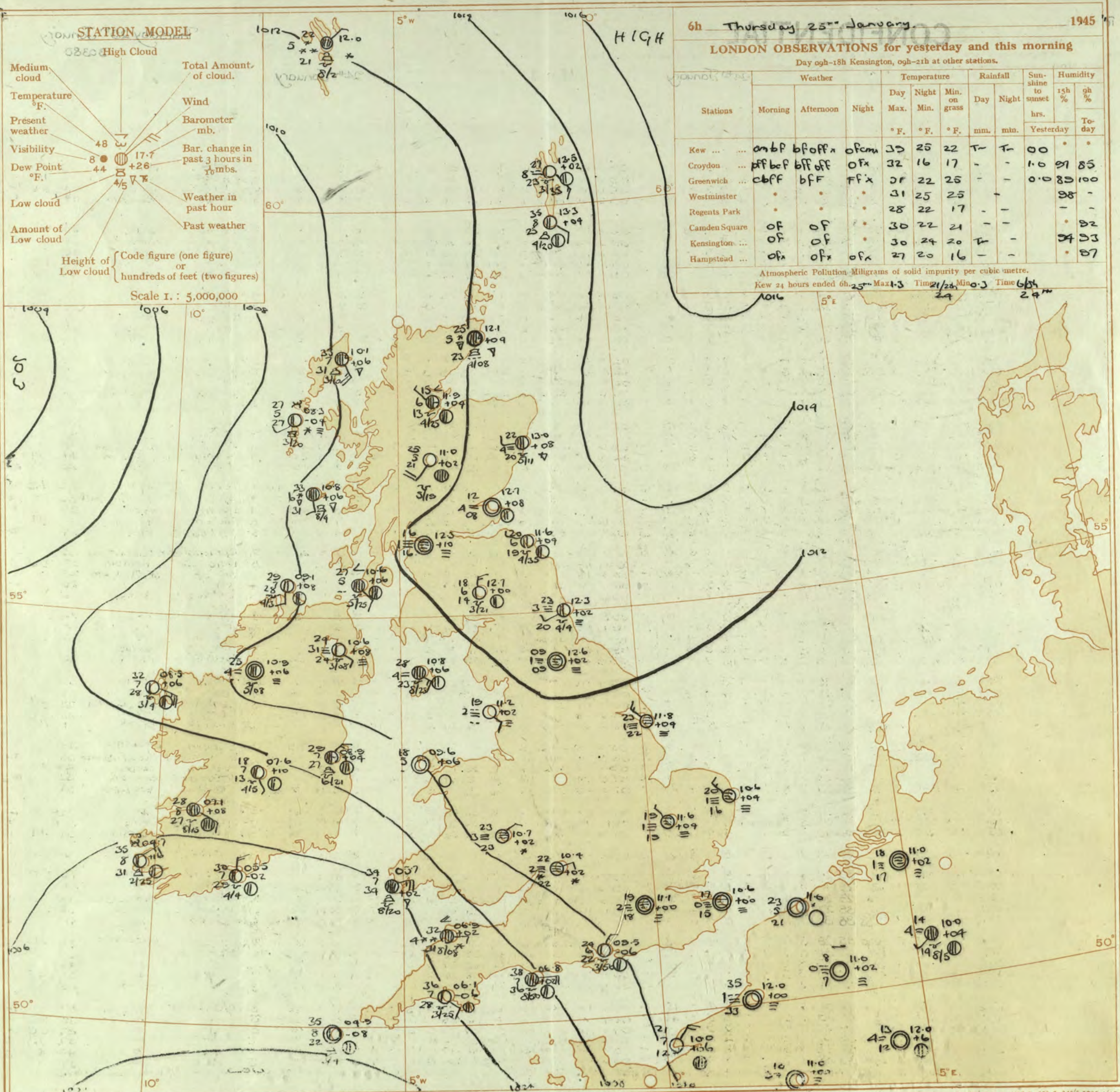
## OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 25<sup>th</sup> January 1945

No. 32380...

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															
DISTRICT.	STATIONS. (For heights see p. 4.)	Bar. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.					Bar. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.					Height of Base K. n. d. r. e. d. of feet. (32)	State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. mm. (38)					
				Dir. (3)	Force. (4)					Form. (9)	Amount. (10)	High. (11)	Total. (12)	Low. (13)			A. (14)	B. (15)					Dir. (19)	Force. (20)	Form. (25)	Amount. (26)	High. (27)			Total. (28)	Low. (29)				A. (30)	B. (31)	6h.-12h. (34)	12h.-18h. (35)	
1.	Kew Croydon Boscombe Down Thorney Island Friston	09.0 09.3 09.7 09.3	-4 -2 +2 -2	SE SE EN N	0 1 1 2	bf cf cf %	29 27 22 32	26 25 21 25	3 3 2 5	- - - 4	- - - 5	- 0 0 0	- - - -	09.5 09.7 09.6 09.5	+18 +16 +12 +10	WNW - - N/E	1 0 0 1	F FF F F	25 23 20 21	25 22 20 20	2 1 1 4	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	8.2 8.3 8.2 8.1	ombf pfbcf OFx cmox	bfoffx bfoff OFx b2x bmx	35 32 23 28	0.0 1.0 0.0 -	- - - 1						
2.	Lympne Manston North Weald Felixstowe Corlestone	09.4 08.8 09.6 08.6 08.9	-2 -2 -2 -2 +2	- NNW - NNN NN	0 1 2 2 1	mf cf F m bcf	26 27 26 32 27	25 27 26 30 25	4 3 4 4 2	- - - - -	- - - 4 -	- 0 0 4 3	- - - - -	09.9 09.2 10.2 09.3 09.1	+6 +4 +10 +6 +2	- W/N - NNW NNW	1 0 1 1 2	F bf bf bf bf	23 20 22 27 27	23 20 22 26 25	4 0 1 1 2	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	8.1 8.3 8.3 8.4	bffm pfbmf OFx bcbm bcsx	bfm cbmf OFF bcbmf bcfx	27 22 26 32 28	0.0 3.1 - 1.0 1.6	- - - - -					
3.	Mildenhall Bircham Newton Cranwell Cranfield Honiley	09.2 09.1 09.5 10.1 09.0	+2 0 +4 +10 +2	NNW WSW SE SSW S	1 2 1 1 2	F bcbf F F F	25 24 15 25 23	24 23 15 25 21	1 0 0 4 1	- - - - -	- - - - -	- 5 3 9 9	- 0 0 0 0	09.6 10.0 09.7 10.1 09.1	+6 +6 +6 +6 +6	- WSW - NE SE	0 1 0 2 1	F F F F F	25 23 19 22 23	25 23 19 22 20	0 0 0 0 0	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	8.1 4.2 8.3 8.3	offxso OFx OFx OFx OFF	OFx OF OFF OFF pff	26 34 23 26 24	0.0 1.6 0.0 0.0 0.0	- Tr - - -					
4.	Little Rissington Shobden	08.6 09.2	-2 -2	SSE SSE	1 1	F Sso	22 23	21 23	1 2	- -	- -	- 0	- 0	09.3 08.8	+4 0	- -	0 0	F Sso	20 25	20 28	1 0	- -	- -	- -	- -	- -	- -	- -	- -	- -	8.3 8.2	OFx pfbxso	cimffof oismsof	23 26	0.0 0.0	- Tr			
5.	Bristol Chivenor Yeovilton	09.0 07.8 08.7	+2 -4 +14	SE ENE ES	1 3 1	Sso F F	23 29 21	23 29 21	2 0 1	- - -	- - -	- 0 0	- 0 0	08.8 07.2 08.5	0 -6 +4	SE ESE -	0 3 0	Sso Sso cf	25 32 21	28 21 21	0 0 3	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	8.3 8.2 7.1	OFx pfbxso bcmox	cimffof oismsof moxso	23 26 33	0.0 0.0 0.0	- Tr -			
6.	Portland Bill Exeter Plymouth St. Eval The Lizard	06.8 08.5 07.9 07.9 06.8	+4 +4 +4 +6 +4	NE - SES SSE ESE	3 0 1 2 2	0 3 3 3 3	30 22 37 36 42	28 22 26 30 30	7 4 6 5 7	- - - - -	- - - - -	- 0 0 0 0	- - - - -	07.6 07.4 06.9 06.3 06.4	+2 -6 -8 -2 +14	E NE ENE SSE S	0 1 2 2 3	0 2 2 2 3	32 28 34 30 38	30 26 30 30 33	0 0 5 5 7	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	5.1 5.1 4.1 4.1 1.1	ofc offbm cmoxbm bcm bcm	c cm. cm. cm. cm.	39 38 37 40 40	0.0 2.6 4.2 3.1 2.5	- Tr 3 0.6 0.6				
7.	Scilly, St. Marys Fairwood Pembroke Aberporth Penrhos	07.0 08.0 06.9 06.8 06.4	+2 0 +2 0 0	- E/S SE SSW SE	0 3 4 4 4	0 cf 0 0 0	41 28 34 29 33	33 27 34 28 32	7 3 6 8 6	- - - - -	- - - - -	- 8 8 7 5	- 0 0 0 0	05.0 07.3 05.8 06.6 06.7	-22 -4 -2 -2 +4	S/E ESE S/E S/W ESE	3 4 3 4 3	0 0 0 0 0	40 30 35 30 33	26 30 35 29 31	8 2 8 6 6	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	8.2 8.2 8.2 8.2 8.2	bcc cfx cpm cpm cpm	cpm cpm cpm cpm cpm	42 36 36 31 34	1.9 0.1 0.1 0.1 0.1	0.1 0.1 0.1 0.1 0.1				
8.	Holyhead, Valley Hawarden Manchester Squires Gate Silloth	06.8 08.3 08.4 07.6 09.0	+2 +2 +2 +4 +6	NE SE SW SE -	2 2 2 3 0	SS cf cf F F	32 22 23 28 21	31 22 21 28 18	5 4 3 2 6	- - - - -	- - - - -	- 8 8 9 9	- 0 0 0 0	07.1 03.6 08.8 08.2 08.3	+6 +6 +8 +6 +14	- SSE SE SE -	0 2 3 3 0	0 0 0 0 0	26 21 20 24 20	24 21 19 22 16	4 0 0 3 5	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	8.2 8.2 8.2 8.2 8.2	cpm bmo OF OF bcmox	cpm bcm bcm bcm bcm	33 25 28 29 28	0.0 0.0 0.0 0.0 0.0	- - - - Tr				
9.	Ashbourne Snaith	09.0 09.6	+2 0	E ESE	1 1	cf cf	23 18	23 18	1 0	- -	- -	- 0	- 0	09.3 10.2	+4 +8	ENE -	1 0	F F	22 23	22 23	1 1	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	8.2 8.2	FFx FF	FFx FF	24 23	0.0 0.0	- -		
10.	Spurn Head Leeming Tynemouth	08.5 09.2 09.1	+14 +8 +6	NNW W WSW	4 0 2	cf bf bcbf	23 11 21	18 11 19	2 3 2	- - -	- - -	- 0 0	- 0 0	09.2 09.7 09.9	+4 +10 +6	SW - WSW	2 0 2	F F bcbf	23 11 29	23 8 23	1 2 2	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	8.2 8.2 8.2	FFx FF bcm	FFx FF bcm	24 27 15	0.0 0.0 3.3	- - -		
11.	Acklington St. Abb's Head Leuchars Montrose	08.1 08.2 08.0 08.6	0 +14 +14 +10	N S N N	1 1 1 1	0 bc bc bc	24 31 26 25	20 21 25 24	5 7 5 5	- - - -	- - - -	- 0 0 0	- 0 0 0	09.4 08.6 08.9 09.9	+10 +4 +4 +8	- S S W	0 1 1 1	0 0 0 0	20 18 21 21	20 17 20 20	5 4 5 5	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	8.2 8.2 8.2 8.2	bcm bc cm cm	bcm bcm bcm bcm	30 32 30 31	0.0 0.0 0.0 0.0	- - - -			
12.	Abbotsinch	07.4	+10	-	0	bcbf	30	24	3	-	-	-	5	08.5	+4	-	0	bcbf	29	23	2	-	-	-	-	-	-	-	-	-	-	-	8.2	bcm	bcm	34	0.0	-	
13A.	Prestwick West Freugh Eskdalemuir Jurbly, I. of Man Machrihanish	06.9 06.2 08.7 06.5 05.7	+6 +2 +6 -2 +8	SE ESE - E ESE	3 1 0 2 3	0 C C C C	33 27 17 33 33	30 26 16 30 25	5 5 6 5 7	- - - - -	- - - - -	- 6 8 7 6	- 0 0 0 0	06.9 06.9 06.9 07.2 07.0	+10 +6 +6 +4 +8	ENE E NE E E	2 3 3 3 3	0 0 0 0 0	27 27 23 23 32	24 24 10 6 2	5 5 5 5 5	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	8.2 8.2 8.2 8.2 8.2	bcm bcbm bcm bcm bcm	bcm bcm bcm bcm bcm	35 35 33 36 36	0.0 0.0 0.0 0.0 0.0	- - - - -		
13B.	Tiree Oban	05.0 06.8	+16 +14	SSE SSE	4 1	C C	37 34	26 31	8 8	- -	- -	- 0	- 0	08.8 06.9	+12 +6	ENE E	1 2	0 0	30 30	37 31	6 6	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	8.2 8.2	cpm cpm	cpm cpm	34 37	0.0 1.1	- -
14.	Stornoway Cape Wrath Dalwhinnie	05.8 07.0	+6 +14	ENE SSW	2 3	bcbf C	35 29	30 25	8 7	- -	- -	- 0	- 0	06.9 09.0	+6 +12	E SSE	2 3	0 0	30 25	31 20	6 5	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	8.2 8.2	cpm cpm	cpm cpm	30 30	0.0 0.0	- -
15.	Aberdeen Fraserburgh Aines Wick Hatston	08.1 08.5 06.2 07.3 08																																					





**STATION MODEL**

0250 High Cloud

Medium cloud

Temperature °F.

Present weather

Visibility

Dew Point °F.

Low cloud

Amount of Low cloud

Height of Low cloud

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

Scale 1: 5,000,000

Total Amount of cloud.

Wind

Barometer mb.

Bar. change in past 3 hours in fms.

Weather in past hour

Past weather

6h Thursday 25th January 1945

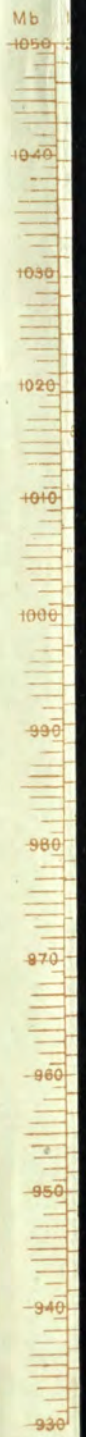
**LONDON OBSERVATIONS for yesterday and this morning**

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 ...	ambP	bfoffx	ofcm	33	25	22	T	T	00	*	*
Croydon ...	pfbcf	bfoff	ofx	32	16	17	-	-	1.0	81	85
Greenwich ...	cbff	bff	ffx	31	22	25	-	-	0.0	83	100
Westminster	.	.	.	31	25	25	-	-	98	-	-
Regents Park	.	.	.	28	22	17	-	-	-	-	-
Camden Square	of	of	.	30	22	21	-	-	.	82	.
Kensington ...	of	of	.	30	24	20	T	-	94	93	.
Hampstead ...	ofx	ofx	ofx	27	20	16	-	-	.	87	.

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 25th Max 1.3 Time 21/24 Min 0.3 Time 6/24





# GENERAL INFERENCE

A deepening depression off NW Spain is moving East and a shallow depression over South Denmark is moving WNW. Wintery weather with very low temperatures will continue in many districts. There will be extensive mist and fog. Snow showers will occur in the SW and in coastal areas elsewhere and more general snow is likely later in NE England and East Scotland.

# FURTHER OUTLOOK

Wintery weather continuing.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Thursday 25<sup>th</sup> January  
1945.

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

### 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. Δ Hail.

☁☁☁☁☁ Fog. ☁☁☁☁☁☁ Mist. T Thunder. ⚡ Thunderstorm.

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

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

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

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

— Lines of Frontogenesis  
— Frontolysis.

Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDONThursday, 25th January 1945  
No. 30380

OBSERVATIONS at 00hr. G.M.T. 25th January																	OBSERVATIONS at 06hr. G.M.T. 25th January																	OBSERVATIONS during NIGHT				
DISTRICT.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	State of Ground	Weather.		Temperature		Rain			
					Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.	18h.-00h.		00h.-06h.	Min. °F.	Min. on Grass °F.
1	Kew	16					26						10.6	+4	NE	1	25	25	4				10.6	+4	NE	1	25	25	4									
	Croydon	217	10.7	+6		0	19	18					11.1	0	NE	1	19	18	2				11.1	0	NE	1	19	18	2									
	Boscombe Down	417	09.8	0		3	16	16					09.8	-2	ENE	4	24	24	4				09.8	-2	ENE	4	24	24	4									
	Thorney Island	10	10.0	+2	N	2	18	17	6						NNE	2	20	22	6						NNE	2	20	22	6									
	Friston																																					
2	Lympe	341	11.5	+10	NNE	1	17	17	1				11.4	0		0	19	18	4				11.4	0		0	19	18	4									
	Manston	140	10.2	+8	WS	1	26	26	0				10.6	0		0	17	15	0				10.6	0		0	17	15	0									
	North Weald	244	11.0	+2		0	19	19	0				11.4	0	NW	0	20	20	0				11.4	0	NW	0	20	20	0									
	Felixstowe	10	10.2	+6		0	21	20	3				11.0	+2	NW	0	21	21	2				11.0	+2	NW	0	21	21	2									
	Gorleston	5	10.6	+10	NW	1	21	18					10.6	+4	NW	3	20	16	1				10.6	+4	NW	3	20	16	1									
3	Mildenhall	15	10.6	+6	NNE	1	21	21	1				11.6	+4	NW	1	19	19	1				11.6	+4	NW	1	19	19	1									
	Bircham Newton	221	11.0	+2	WNW	1	21	21	0				11.8	+4	NNE	1	25	25	1				11.8	+4	NNE	1	25	25	1									
	Cranwell	203	11.1	+6		0	23	23	0				12.1	+2		0	21	21	2				12.1	+2		0	21	21	2									
	Cranfield	340	10.9	+6	NE	0	22	22	1				12.0	+6	NE	2	22	22	1				12.0	+6	NE	2	22	22	1									
	Honiley	427	10.2	+6	E	1	21	20	1				11.2	0	ENE	2	22	19	1				11.2	0	ENE	2	22	19	1									
4	Little Rissington	731	09.7	0	ENE	2	21	21	1				10.4	+2	ENE	2	22	22	2				10.4	+2	ENE	2	22	22	2									
	Shobden	318	09.6	-2	NE	2	24	24	1				10.7	+2	NE	2	23	23	3				10.7	+2	NE	2	23	23	3									
	Bristol	209	09.2	+2	SE	2	23	22	3				09.1	-2	SE	2	26	26	2				09.1	-2	SE	2	26	26	2									
	Chivenor	20	06.1	-10	E	2	31	31	3				06.9	+2	E	2	32	32	4				06.9	+2	E	2	32	32	4									
	Yeovilton	50	07.7	-4	ESE	2	23	23	3				07.8	-2	E	1	26	26	4				07.8	-2	E	1	26	26	4									
5	Portland Bill	32	06.8	-4	NNE	4	36	34	7				06.8	+2	E	4	38	36	7				06.8	+2	E	4	38	36	7									
	Exeter	100	07.5	-2	SSE	2	33	33	5				07.3	-2	SSE	2	36	36	6				07.3	-2	SSE	2	36	36	6									
	Plymouth	86	06.9	0	WSW	3	36	32	6				06.1	-16	SSE	1	36	36	7				06.1	-16	SSE	1	36	36	7									
	St. Eval	345	06.1	-6	SE	3	35	31	6				06.0	-10	SSE	1	33	33	5				06.0	-10	SSE	1	33	33	5									
	The Lizard	240	05.5	-6	SSE	4	40	29	7				05.0	-6	SE	3	38	30	7				05.0	-6	SE	3	38	30	7									
6	Scilly, St. Marys	163	05.5	+6	ESE	4	36	35	8				04.9	-8	E	0	35	32	8				04.9	-8	E	0	35	32	8									
	Fairwood	268	07.4	-2	ESE	4	29	29	3				07.5	0	E	4	29	29	3				07.5	0	E	4	29	29	3									
	Pembroke	142	05.6	0	SEE	1	36	34	7				05.7	+2	E	5	34	34	7				05.7	+2	E	5	34	34	7									
	Aberporth	425	05.6	0	SEE	1	36	34	7				05.7	+2	E	5	34	34	7				05.7	+2	E	5	34	34	7									
	Penrhos	63	07.8	+10	NE	3	29	27	8				04.5	+2	E	0	23	21	7				04.5	+2	E	0	23	21	7									
7	Holyhead, Valley	32	08.2	+6		0	20	*	5				09.6	+6		0	20	*	5				09.6	+6		0	20	*	5									
	Hawarden	15	10.0	+10	SE	3	24	24	2				11.2	+4	SSE	1	23	23	3				11.2	+4	SSE	1	23	23	3									
	Manchester	230	10.6	+6		0	14	14	0				11.2	0		0	14	13	3				11.2	0		0	14	13	3									
	Squires Gate	30	09.9	+12	SE	2	19	*	1				11.2	+2	ESE	2	19	*	2				11.2	+2	ESE	2	19	*	2									
	Silloth	25	10.4	+10	NE	2	17	15	5				11.6	+2	NE	2	15	12	5				11.6	+2	NE	2	15	12	5									
8	Ashbourne	590	10.5	+10	NE	1	20	20	1				13.0	+6		0	20	20	1				13.0	+6		0	20	20										



# CONFIDENTIAL THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

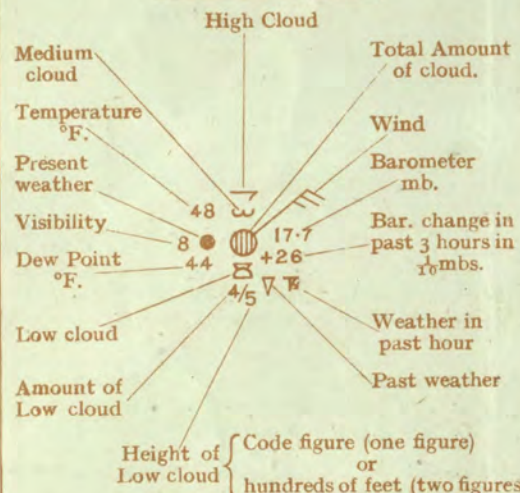
Friday 26 January 1945

No. 30381

OBSERVATIONS at 12h. G.M.T. 25 January																OBSERVATIONS at 18h. G.M.T. 25 January														OBSERVATIONS during DAY																			
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather.	Temp. (°F.) (6)	Dew Point (°F.) (7)	Visibility (miles) (8)	Cloud.				Height of Base Hundreds of feet. (15) (16)	Barom. at M.S.L. (17)	Change in 3 hours (18)	Wind.		Weather.	Temp. (°F.) (21)	Dew Point (°F.) (22)	Visibility (miles) (24)	Cloud.				Height of Base Hundreds of feet. (31) (32)	State of Sky (33)	Weather.		Max. Temp. of day (°F.) (36)	Sun- shine Hrs. (37)	Rain of day (inches) (38)																
				Dir.	Force.					Form.	Amount.	Total.	Low.				Dir.	Force.					Form.	Amount.	Total.	Low.			06h.-12h. (34)	12h.-18h. (35)																			
1	Kew	11.9	+2	NNE	2	F	27	22	2	-	-	-	-	-	12.1	+8	NNE	3	F	23	23	2	-	-	-	-	-	8.2	OFFA	OFFA	29	00	-																
	Croydon	12.1	+2	ENE	1	F	24	22	3	-	-	-	-	-	12.0	+4	NNE	1	F	25	24	2	-	-	-	-	-	8.1	OFFA	OFFA	29	00	-																
	Boscombe Down	10.7	+6	ENE	3	M	27	24	4	5	-	-	-	-	11.1	+8	NNE	2	F	23	22	2	-	-	-	-	-	8.1	OFFA	OFFA	29	1.7	-																
	Thorney Island	10.7	+4	ENE	3	M	27	24	4	5	-	-	-	-	11.1	+8	NNE	2	F	23	22	2	-	-	-	-	-	8.1	OFFA	OFFA	29	1.7	-																
	Friston	10.7	+4	ENE	3	M	27	24	4	5	-	-	-	-	11.1	+8	NNE	2	F	23	22	2	-	-	-	-	-	8.1	OFFA	OFFA	29	1.7	-																
2	Lympe	11.9	+2	NNE	1	F	27	26	0	-	-	-	-	-	11.3	+2	NNE	2	F	28	27	4	5	-	-	-	-	8.1	OFFA	OFFA	29	0.0	-																
	Manston	11.8	+2	NNE	1	F	27	26	0	-	-	-	-	-	11.3	+2	NNE	2	F	28	27	4	5	-	-	-	-	8.1	OFFA	OFFA	29	0.0	-																
	North Weald	12.8	-2	NNE	2	M	22	21	4	7	-	-	-	-	12.2	-2	NNE	2	M	23	22	4	5	-	-	-	-	8.1	OFFA	OFFA	27	0.0	-																
	Felixstowe	12.8	-4	NNE	2	M	24	24	1	-	-	-	-	-	11.6	-4	NNE	2	M	24	24	1	-	-	-	-	-	8.1	OFFA	OFFA	27	0.0	-																
	Corleston	11.4	-2	NNE	3	M	27	24	2	8	-	-	-	-	11.5	+2	NNE	2	M	26	22	2	-	-	-	-	-	8.1	OFFA	OFFA	22	0.0	-																
3	Mildenhall	12.7	+4	NNE	1	F	25	25	1	-	-	-	-	-	12.5	+2	NNE	1	F	22	22	1	-	-	-	-	-	4.0	OFFA	OFFA	26	0.0	-																
	Bircham Newton	13.0	+4	NNE	1	F	22	22	1	-	-	-	-	-	12.0	-6	NNE	1	F	25	25	1	-	-	-	-	-	8.1	OFFA	OFFA	22	0.0	-																
	Cranwell	13.6	+8	NNE	1	F	21	21	0	-	-	-	-	-	13.2	+2	NNE	1	F	19	19	1	-	-	-	-	-	8.1	OFFA	OFFA	24	0.0	-																
	Cranfield	13.5	+6	NNE	1	F	21	21	1	-	-	-	-	-	13.2	+2	NNE	1	F	19	19	1	-	-	-	-	-	8.1	OFFA	OFFA	24	0.0	-																
	Honiley	12.9	+8	NNE	1	F	21	19	1	-	-	-	-	-	13.1	+6	NNE	1	F	20	19	1	-	-	-	-	-	8.1	OFFA	OFFA	23	0.0	-																
4	Little Rissington	10.7	+8	ENE	3	CF	25	23	3																																								



# STATION MODEL



Scale 1 : 5,000,000

6h Friday 26<sup>th</sup> January.

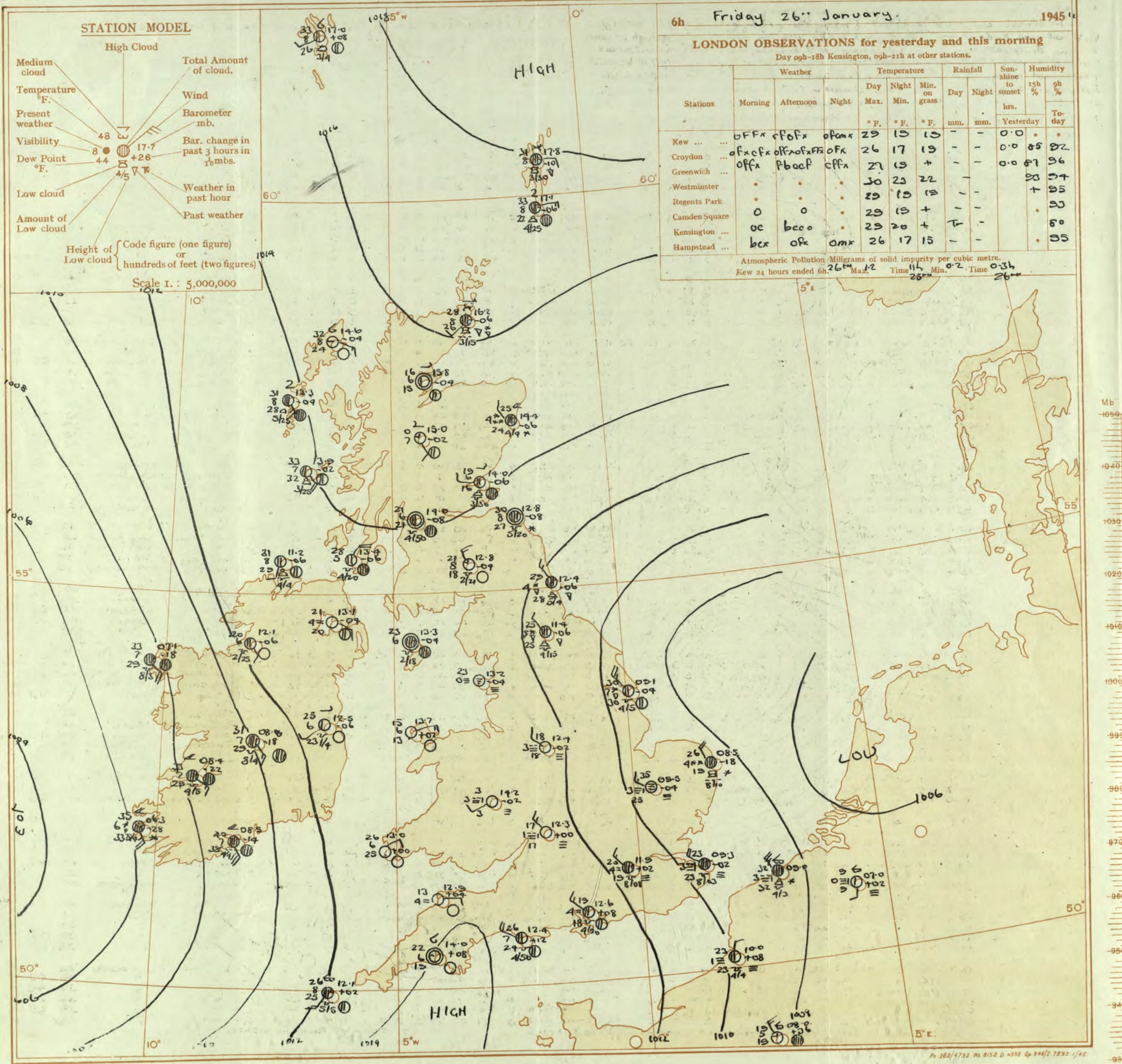
1945

## 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	Max.	Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	offx	offx	offx	29	15	15	-	-	0.0	85	82
Croydon ...	offx	offx	offx	26	17	19	-	-	0.0	87	96
Greenwich ...	offx	offx	offx	27	19	+	-	-	0.0	87	96
Westminster	.	.	.	30	23	22	-	-	+	85	85
Regents Park	.	.	.	29	19	+	-	-	.	85	85
Camden Square	0	0	.	29	19	+	-	-	.	85	85
Kensington ...	uc	bcc	.	29	20	+	-	-	.	85	85
Hampstead ...	bcc	off	omx	26	17	15	-	-	.	85	85

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 12 Time 11h Min. 0.2 Time 0.3h





### GENERAL INFERENCE

A depression centred West of Ireland is moving slowly South southeast, and an associated trough will move Northeast across SW. England and the Irish Sea area. A ridge of high pressure is moving slowly East across England. Occasional sleet and snow, changing to rain will spread Northeast across SW. England, Wales and Ireland. Over the rest of England there will be fairly general mist or fog, with snow locally near East Coasts at first. Weather will be fair in West Scotland, and there will be occasional snow showers in East Scotland. There will be some fog in the Central Lowlands. It will be very cold generally with frost in most districts, but temperatures will rise above freezing level in SW England and over much of Wales and Ireland.

### FURTHER OUTLOOK

Occasional snow in the East. Occasional rain and sleet in the West.

## Chart of Weather in the Northern Hemisphere.

Morning of

Friday 26<sup>th</sup> January

1945.

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

### EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. ❄ Snow. ❄ Sleet. ⚡ Hail.

☁ Fog. ☁ Mist. ⚡ Thunder. ⚡ Thunderstorm.

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

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

— Warm Front on the Surface

— Warm Front above the ground

— Cold Front on the surface

— Cold Front above the ground

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

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

— Occluded Front (or Occlusion)

— Warm Occlusion

— Cold Occlusion

— Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis.

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday 26th January 1945  
No. 30381

OBSERVATIONS at 00hr. G.M.T. 26th January																OBSERVATIONS at 06hr. G.M.T. 26th January																OBSERVATIONS during NIGHT					
District.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		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.	Form.			Amount.						Height of Base Hundreds of feet.	Form.	Amount.		Height of Base Hundreds of feet.		18h.-00h.	00h.-06h.	24h.-06h.					
												Low.	Med.					High.	Low.							Med.	High.					Low.	Med.		High.	Low.	Med.
1	Kew	16	11.2	-6	NW	1	1	20	20	2						11.7	+2	NW	2	1	20	20	2						of cmx	cmx	19	19	-				
	Croydon	217	11.2	-6	NW	1	1	22	21	2						11.3	+2	NW	2	1	22	21	2						of cmx	cmx	17	19	-				
	Boscombe Down	417	11.2	-6	NW	1	1	22	21	2						11.3	+2	NW	2	1	22	21	2						of cmx	cmx	15	15	-				
	Thorney Island	10	11.5	0	NW	1	1	20	19	4						12.6	+2	NW	2	1	20	19	4						of cmx	cmx	17	13	-				
	Friston	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-	-	-						-	-	-	-	-				
2	Lympe	341	10.1	-8	NNE	3	1	23	20	3						09.9	-2	NNE	3	1	23	20	3						cmx	cmx	18	16	-				
	Manston	140	10.7	-10	NW	3	1	27	26	4						09.3	-2	NW	3	1	27	26	4						cmx	cmx	22	20	-				
	North Weald	244	11.4	-6	NW	3	1	27	26	4						10.3	-2	NW	3	1	27	26	4						cmx	cmx	18	18	0.1				
	Felixstowe	10	10.2	-8	NW	3	1	24	24	3						09.2	-2	NW	3	1	24	24	3						cmx	cmx	21	21	0.6				
	Gorleston	5	10.0	-10	NW	3	1	20	22	6						08.5	-2	NW	3	1	20	22	6						cmx	cmx	23	21	0.6				
3	Mildenhall	15	11.0	-10	-	0	1	21	21	1						09.5	-4	-	0	1	21	21	1						of cmx	of cmx	20	20	-				
	Bircham Newton	221	10.7	-6	W	3	1	25	25	2						10.3	-2	W	3	1	25	25	2						of cmx	of cmx	19	20	-				
	Cranwell	203	11.4	-8	NW	2	1	22	22	1						12.0	+2	NW	2	1	22	22	1						of cmx	of cmx	17	17	-				
	Cranfield	340	12.6	-4	NW	2	1	18	18	1						12.0	+2	NW	2	1	18	18	1						of cmx	of cmx	18	17	-				
	Honiley	427	12.8	-4	NW	1	1	20	20	0						12.5	0	NW	1	1	20	20	0						of cmx	of cmx	18	17	-				
4	Little Rissington	731	12.4	-2	N	2	1	16	16	1						12.3	0	N	2	1	16	16	1						of cmx	of cmx	15	14	-				
	Shobden	318	14.0	0	W	2	1	17	17	3						14.1	+6	W	2	1	17	17	3						of cmx	of cmx	17	16	-				
	Bristol	209	13.4	+6	NNE	1	1	21	20	1						12.9	+4	NNE	1	1	21	20	1						of cmx	of cmx	17	16	-				
	Chivenor	20	12.6	+8	-	0	1	11	11	3						13.8	+4	-	0	1	11	11	3						of cmx	of cmx	17	16	-				
	Yeovilton	50	12.6	+8	-	0	1	11	11	3						13.8	+4	-	0	1	11	11	3						of cmx	of cmx	17	16	-				
5	Portland Bill	32	10.7	+12	N	4	1	27	25	7						12.4	+12	N	4	1	27	25	7						cmx	cmx	25	25	-				
	Exeter	100	12.7	+4	E	2	1	19	19	3						14.0	+8	E	2	1	19	19	3						cmx	cmx	18	18	-				
	Plymouth	86	11.8	+10	SE	2	1	20	22	5						14.0	+8	SE	2	1	20	22	5						cmx	cmx	26	26	-				
	St. Eval	345	11.8	+2	ES	4	1	28	28	6						13.8	+8	ES	4	1	28	28	6						cmx	cmx	34	34	-				
	The Lizard	240	10.1	+10	E	4	1	35	31	7						12.6	+8	E	4	1	35	31	7						cmx	cmx	34	34	-				
6	Scilly, St. Marys	163	10.4	+10	E	3	1	35	19	7						12.1	+2	SE	3	1	35	19	7						bpx	bpx	34	34	3				
	Fairwood	208	13.3	+8	NW	1	1	14																													



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Saturday 27<sup>th</sup> January 1945

No. 30382

OBSERVATIONS at 12h. G.M.T. January 26															OBSERVATIONS at 18h. G.M.T. January 26															OBSERVATIONS during DAY														
District.	STATIONS. (For heights see p. 4.)	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.					Weather.		Max. Temp. of day.	Sun- shine Hrs.	Rain of day.												
				Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.			Form.	Amount.					Height of Base Hundreds of feet.	Dir.	Force.	Form.	Amount.	Height of Base Hundreds of feet.	06h-12h.				12h-18h.											
																																		A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.
1	Kew Croydon Boscombe Down Thorney Island Friston	14.1 14.1 15.1 15.1	+10 +10 +6 +10	WS WS W WN	3 3 0 2	CF CF CF W/F	24 22 20 25	22 21 19 21	3 3 3 4	0 0 0 1	8 8 6 1	8 8 6 1	15 15 250 -	12.7 13.1 12.0 13.1	-6 -4 -12 -14	SSW E/S ENE	2 0 0 2	CF CF CF	26 23 22 27	23 22 22 25	3 4 3 3	1 1 2 2	1 1 1 1	8 8 8 8	8 8 8 8	1 1 1 1	8.2 8.2 8.3 8.1	0ma cm2 rfx 0FCoFofcf cmofbm	bcm pfx cfx cm cfx cfx cmx bcm cmcf	28 25 26 23	0.3 0.0 0.0 -	- - - -												
2	Lympe Manston North Weald Felixstowe Corlestone	12.5 11.9 14.1 11.0 09.1	+10 +16 +2 +10 -4	NW WNW WNW WNW WNW	3 4 3 4 3	CF CF CF CF CF	26 26 23 27 23	26 25 23 27 23	4 4 4 4 4	0 0 0 0 0	8 8 8 8 8	8 8 8 8 8	4 5 3 4 20	13.8 12.6 12.8 11.8 08.9	+2 +2 0 +4 +2	NNW SWW SWW WSW WNW	1 2 2 3 3	CF CF CF CF CF	22 21 23 27 27	21 20 23 24 24	4 3 2 4 4	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	1 1 1 1 1	8.1 8.2 8.1 8.1 8.3	0mcm 0fxm 0fx cfx 0mcm 0bc2	bcm 0mbcbf cfbcmcf bcm. bm.2x	28 28 30 30 30	1.9 0.0 0.9 0.6 -	- - - 0.2 -												
3	Mildenhall Bircham Newton Cranwell Cranfield Honiley	11.2 10.4 11.5 13.5 13.8	+6 +4 +2 +16 +2	WNW W WN WSW SW	3 3 3 2 2	CF CF CF CF CF	28 27 26 21 19	28 26 25 21 19	4 6 5 3 3	0 0 0 0 0	8 8 8 8 8	8 8 8 8 8	3 6 5 0 0	11.7 10.8 11.3 12.6 12.1	+2 0 -2 -6 -10	W WNW NW CF SE	3 2 2 0 1	CF CF CF CF CF	23 25 22 18 18	22 25 21 18 18	3 5 3 5 5	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	1 1 1 1 1	8.0 8.3 8.2 8.2 8.3	0FFxoma bfx b m. 0fxcmcf 0FFx 0FFx	bmf bmf bcf 0FFbmocm 0FFomx	29 30 27 24 23	0.0 3.0 0.0 -	- - - -												
4	Little Rissington Shobden	13.8 15.1	+2 0	WSW W	1 1	CF CF	21 13	21 13	4 6	0 0	8 8	8 8	10 30	11.8 11.9	-2 -16	SSW SSW	1 1	CF CF	20 16	20 16	4 3	0 0	7 1	1 1	1 1	8 8	8 8	1 1	8.4 8.2	bfx bfx	bcm bcm	24 26	0.0	- -										
5	Bristol Chivenor Yeovilton	14.7 13.7 15.0	-2 -10 -2	SSW ESE NE	1 3 1	b.bcf F F	19 23 18	15 19 18	3 6 0	0 0 0	8 8 8	8 8 8	30 9 0	05.4 09.4	-42 -32	SE E'S	5 4	CF CF	23 22	21 27	3 3	1 1	1 1	1 1	1 1	8 8 8	8 8 8	1 1	8.5 8.6	b m. b m. b m.	b m. b m. b m.	33 31	0.2 0.5 -	- -										
6	Portland Bill Exeter Plymouth St. Eval The Lizard	14.4 14.7 13.3 11.4 11.0	+6 -2 -18 -22 -16	NW NE ENE SSW SSW	3 1 2 4 6	C.bcf m CF CF CF	32 19 31 36 38	32 19 30 36 38	7 4 6 6 6	2 4 5 6 5	8 8 8 8 8	8 8 8 8 8	5 10																															







# GENERAL INFERENCE

A ridge of high pressure over the British Isles is almost stationary. Depressions are moving east-southeast of southwest England and a depression over North Germany is moving west-northwest. Wintry conditions will continue with persistent frost. Snow showers will occur near eastern coasts, snow may also occur in the extreme southwest. Fog will occur at many places.

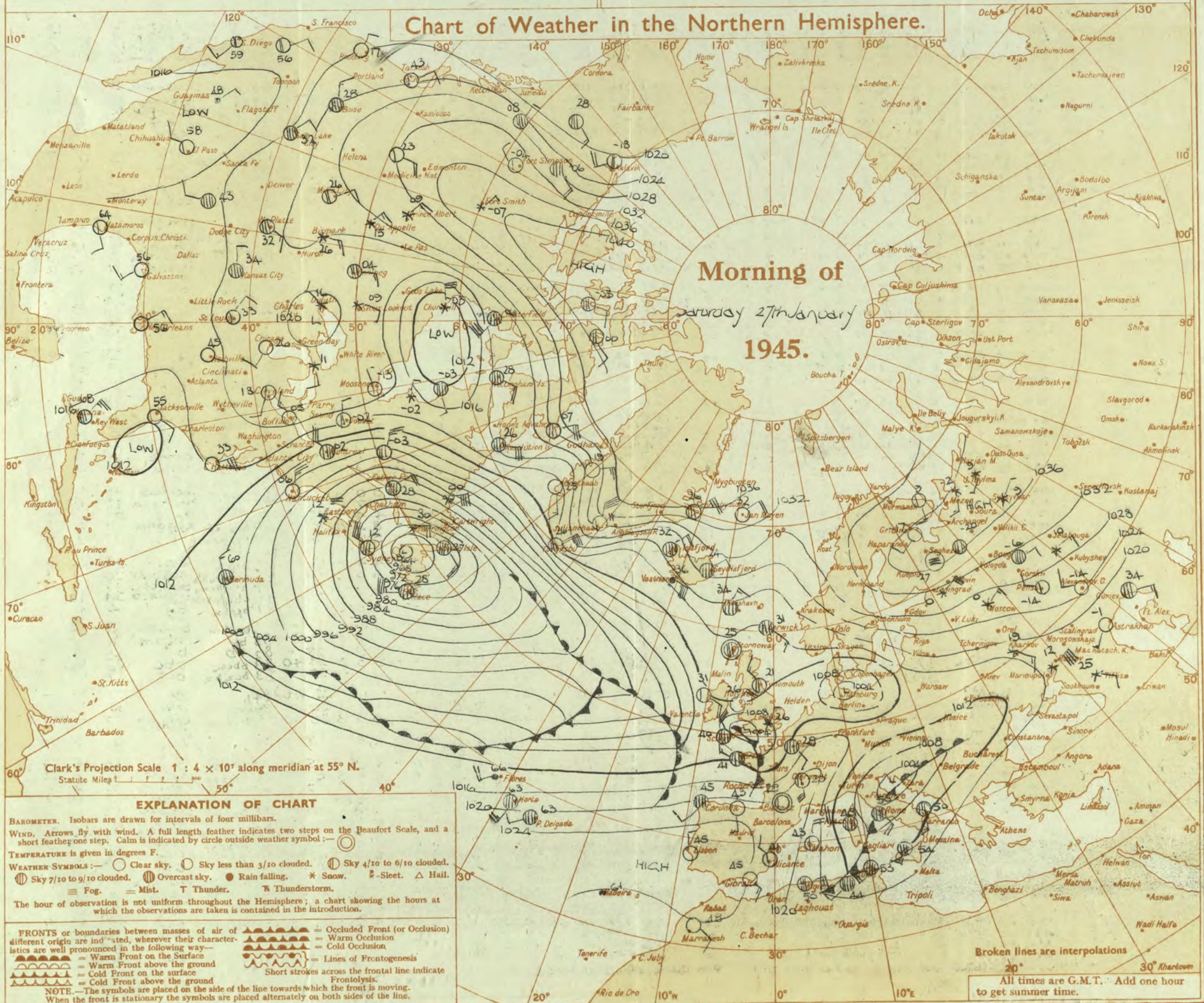
# FURTHER OUTLOOK

Wintry weather continuing

## Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 27th January  
1945.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Saturday 27<sup>th</sup> January 1945

No. 30382.

OBSERVATIONS at 00hr. G.M.T. 27 <sup>th</sup> January															OBSERVATIONS at 06hr. G.M.T. 27 <sup>th</sup> January													OBSERVATIONS during NIGHT																				
District.	STATIONS.	Height above M.S.L. in feet	Barom. M.S.L. (1)	Change in 3 hours (2)	Wind.		Temp. (5)	Dew Point (6)	Visibility (7)	Cloud.					Barom. M.S.L. (17)	Change in 3 hours (18)	Wind. (19)	Force (20)	Weather (21)	Temp. (22)	Dew Point (23)	Visibility (24)	Cloud.					Weather (28)	Temperature (29h.-09h.)		Rain (31)																	
					Dir. (3)	Force (4)				Form (8)	Amount.												Form (26)	Amount.																								
											Low. (9)	Med. (10)	High. (11)	Total (12)										Low. (25)	Med. (26)	High. (27)	Total (28)																					
1	Kew	16					27								10.0	+6	N	2	cf	23	21	3						82	cf	21	15	0.2																
	Croydon	217	10.1	-16	NNE	1	13.0	26	24	5	5			8	10.0	+4	N	2	cf	25	24	2						81	cf	21	20	Tr																
	Boscombe Down	417	09.1	-10	ENE	2	27	26	24	2	2			8	10.1	+12	N	1	cf	21	20	4						81	cf	18	12	4																
	Thorney Island	10	09.3	-12	EIS	3	35	32	30	4	2			8	09.3	-18	NW	3	N	26	25	6						84	omo	22	19	4																
2	Friston																																															
	Lympne	341	11.1	-14		0	c/s	27	22	5	5			8	09.2	-4	SE	1	Ss	28	27	5						82	cm	21	17	0.4																
	Manston	140	10.1	-16		0	cp	25	21	4	7			8	09.0	-2	NNW	1	Ss	29	29	4						83	cm	23	22	Tr																
	North Weald	244	10.7	-16		0	cp	20	20	4	7			8	10.0	-2		0	FT	19	19	1						81	cf	16	13	Tr																
3	Felixstowe	10	10.6	-14	NW	2	25	24	24	4	7			8	09.3	-2	NW	3	FT	19	19	1						87	bc	17	12																	
	Gorleston	5	10.4	-12	NW	2	29	14	4	7	7			8	09.5	-2	NW	3	FT	19	14	1						87	bc	17	12																	
	Mildenhall	15	10.6	-10	WSW	1	c/s	19	19	3	7			8	09.9	-2	NNN	1	F	19	19	0						4	bc	15	9	Tr																
	Bircham Newton	221	10.7	0	WNW	2	b/s	15	19	3	7			8	09.3	-4	NW	3	FT	25	25	0						83	bc	15	8	Tr																
4	Cranwell	203	10.9	-6	NW	2	b/s	22	21	2	7			8	10.3	-4	NNN	1	FT	17	17	0						82	bc	15	13	Tr																
	Cranfield	340	11.7	-6	NW	2	cp	21	20	2	7			8	11.5	+4	NNN	1	FT	17	17	0						82	bc	15	14	Tr																
	Honiley	427	10.8	-10	N	1	cf	17	15	3	7			8	11.6	+6	NNW	2	FT	15	15	0						83	bc	13	10	Tr																
5	Little Rissington	731	09.9	-10	ENE	1	m	22	21	4	7			8	10.9	+6	NNE	2	FT	19	19	1						84	cm	18	21																	
	Shobden	318	11.1	-2		0	2	12	11	5	7			4	12.4	+6	N	2	FT	22	20	4						84	cm	16	13	0.3																
	Bristol	209	08.7	-18	ENE	3	3.5	26	25	4	7			4	11.3	+16	N	2	FT	28	28	6						84	cm	20	25	2																
	Chivenor	20	09.9	+10	EIS	4	b/s	32	31	7	5			4	10.5	+18	ENE	2	FT	28	28	6						96	cm	17	25	2																
6	Yeovilton	50	06.6	-4	NEIE	4	sp	31	31	3	7			9	09.9	+22	NNE	3	N	22	22	0						9	sp	17	25	2																
	Portland Bill	32	04.4	-12	NE	5	0	35	33	7	5			8	08.0	+24	NNN	4	bc	33	31	2						1	osro	28	21	0.3																
	Exeter	100	05.2	+6	ENE	4	c/s	33	32	6	5			6	10.9	+30	NE	3	bc	27	25	2						4	osro	30	25	Tr																
	Plymouth	86	03.2	-6	S	1	c	36	34	7	7			7	09.7	+34	NEIE	3	bc	30	26	4						4	bc	26	25	Tr																
7	St. Eval	345	02.9	-6	N	3	c	39	37	7	9			7	10.1	+34	ENE	3	bc	30	26	4						4	bc	26	25	Tr																
	The Lizard	240	03.9	-6	WNW	7	bc	41	36	7	7			4	08.4	+44	NEIE	3	c	35	32	3						4	bc	34	25	Tr																
8	Scilly, St. Marys	163	06.9	+14	WNW	6	c	40	34	8	8			7	11.6	+18	NNE	2	bc	17	12	5						9	ss	13	2																	
	Fairwood	268	47.7	+12	SEIS	5	c/s	29	29	5	5			5	11.6	+14	NEIE	3	bc	27	24	3						85	bc	24	2																	
	Pembroke	142	09.9	+50	ENE	4	s	31	30	6	7			5	13.8	+16	NNE	1	bc	21	15	6						82	bc	18	7																	
	Aberporth	425	10.8	+6	NE	2	b	26	23	7	7			1	12.4	+10	NNE	1	bc	25	22	3						82	bc	18	7																	
9	Penrhos	63																																														
	Holyhead, Valley	32	00.3	+10	NE	4	2	26	25	5	7			0	13.6	+10	NE	2	bc	19	19	1						2	bc	16	15																	
	Hawarden	15	12.4	0		0	F	17	17	1	7			9	12.7	0	NNE	2	bc	24	24	3						83	bc	15	10																	
	Manchester	230	12.2	+2		0	F	19	19	0	7			9	12.4	+2	NNE	2	bc	16	15	1						82	bc	15	10																	
10	Squires Gate	30	12.0	+8	ESE	1	b/s	17	17	2	7			1	12.5	+6	NW	1	bc	16	15	1						4	bc	15	10																	
	Silloth	25	13.6	+2	ESE	1	m	14	12	4	7			1	13.3	+2	NW	4	bc	25	23	2						81	bc	10	10																	
11	Ashbourne	590	11.4	-6	NNW	1	3	21	20	5	7			5	11.6	+2	N	3	bc	19	17	6						84	bc	16	11																	
	Snaith	30	12.1	0	NW	3	2	21	18	5	7			5	11.8	+2	NNW	4	bc	24	21	3						81	bc	19	15																	
	Spurn Head	29	10.2	-6	WNW	4	2	28	27	4	5			7	10.0	-2	NW	4	bc	24	21	3						87	bc	24	15																	
	Leeming	105	11.8	0	NW	4	2	28	27	4	5			7	11.3	+2	NW	4	bc	24	23	1						83	bc	11	9																	
12	Tynemouth	108	12.5	0	NW	3	2	21	19	7	7			4	12.6	0	NNW	3	bc	26	24	2						92	bc	22	22																	
	Acklington	138	11.9	+2	NNW	2	p/s	23	26	8	6			5	12.2	+2	NW	3	bc	26	25	1						91	bc	23	20																	
	St. Abb's Head	280	12.5	+6	N	1	c-bc	30	27	7	5			5	13.0	+2	N	2	bc	29	29	5						75	bc	28	20																	
	Leuchars	31	13.8	0	NW	2	p/s	24	20	6	3			4	14.4	+6	N	2	bc	29	21	7						84	bc	17	11																	
13	Montrose	22	14.3	+2	NNW	3	p/s	24	24	6	3			4	15.1	+6	N	3	bc	26	23	3						8	bc	24	19																	
	Abbotsinch	19	14.7	+2		0	b/s	09	09	4	7			0	15.3	+6	N	3	bc	06	06	3						81	bc	4	4																	
14	Prestwick	30	14.5	+6		0	m	19	17	4	7			0	15.4	+4	E	1	bc	17	14	3						83	bc	15	10																	
	West Freugh	53	13.8	+6	WNW	1	b	11																																								



BRITISH  
SECTION

CONFIDENTIAL

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Sunday 28<sup>th</sup> January 1945

No. 30233

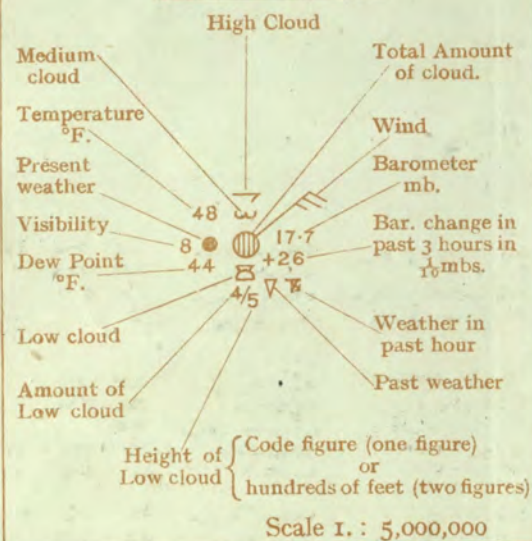
OBSERVATIONS at 12h. G.M.T. 27<sup>th</sup> JanuaryOBSERVATIONS at 18h. G.M.T. 27<sup>th</sup> January

OBSERVATIONS during DAY

District	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility. (8)	Cloud.								Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (°F) (21)	Dew Point. (°F) (22)	Visibility. (24)	Cloud.								Height of Base Hundreds of feet.		24h. State of Ground. (33)	Weather.		Max. Temp. 24h. (°F) (36)	Sun- shine Hrs. (37)	Rain 24h. mm. (38)												
				Direc.	Force.					Low.	Med.	High.	Total.	Low.	Med.	High.	Total.			Low.	Med.					High.	Total.	A.	B.	Direc.	Force.	A.	B.	A.	B.		06h.-12h. (34)	12h.-18h. (35)															
																																										Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.
1	Kew Croydon Boscombe Down Thorney Island Friston	11.7 12.0 13.3 12.7	+6 +4 +8 +12	NW NE NW NW	2 2 2 3	f f f f	26 23 26 27	26 23 26 25	4 2 5 4	5 5 5 5	- - - -	- - - -	8 9 7 7	8 9 7 7	15 0 8 15	12.2 12.2 14.3 13.4	+6 +6 +10 +8	NW W NW/N W/N	3 3 2 3	m m m m	27 25 21 23	24 23 20 21	4 4 5 4	5 5 5 5	- - - -	- - - -	3 3 2 1	3 3 2 0	- - - -	21 18 18 -	- - - -	82 81 83 8	0150f m 0150f m bcmx fcm, x ambcsm.	om, bcmx om, bcmx cmx bmx cmx bmx	30 29 27 28	0.0 0.0 0.0 0	TV - - -																
	Lympne Manston North Weald Felixstowe Corlestone	10.6 09.8 11.0 09.7 09.4	-6 -4 -2 +2 +2	WNW WNW NW NW NW	0 3 3 3 3	cf f f f f	24 24 26 24 24	23 23 26 24 23	5 2 3 3 3	5 5 5 5 5	- - - - -	- - - - -	8 9 8 8 4	8 9 8 8 4	- 0 5 8 8	10.8 09.3 11.4 08.5 07.8	+2 -2 +2 -2 -8	WNW WNW WNW WNW WNW	2 4 4 3 3	cf cf m z																																	



## STATION MODEL

6h Sunday 28<sup>th</sup> January

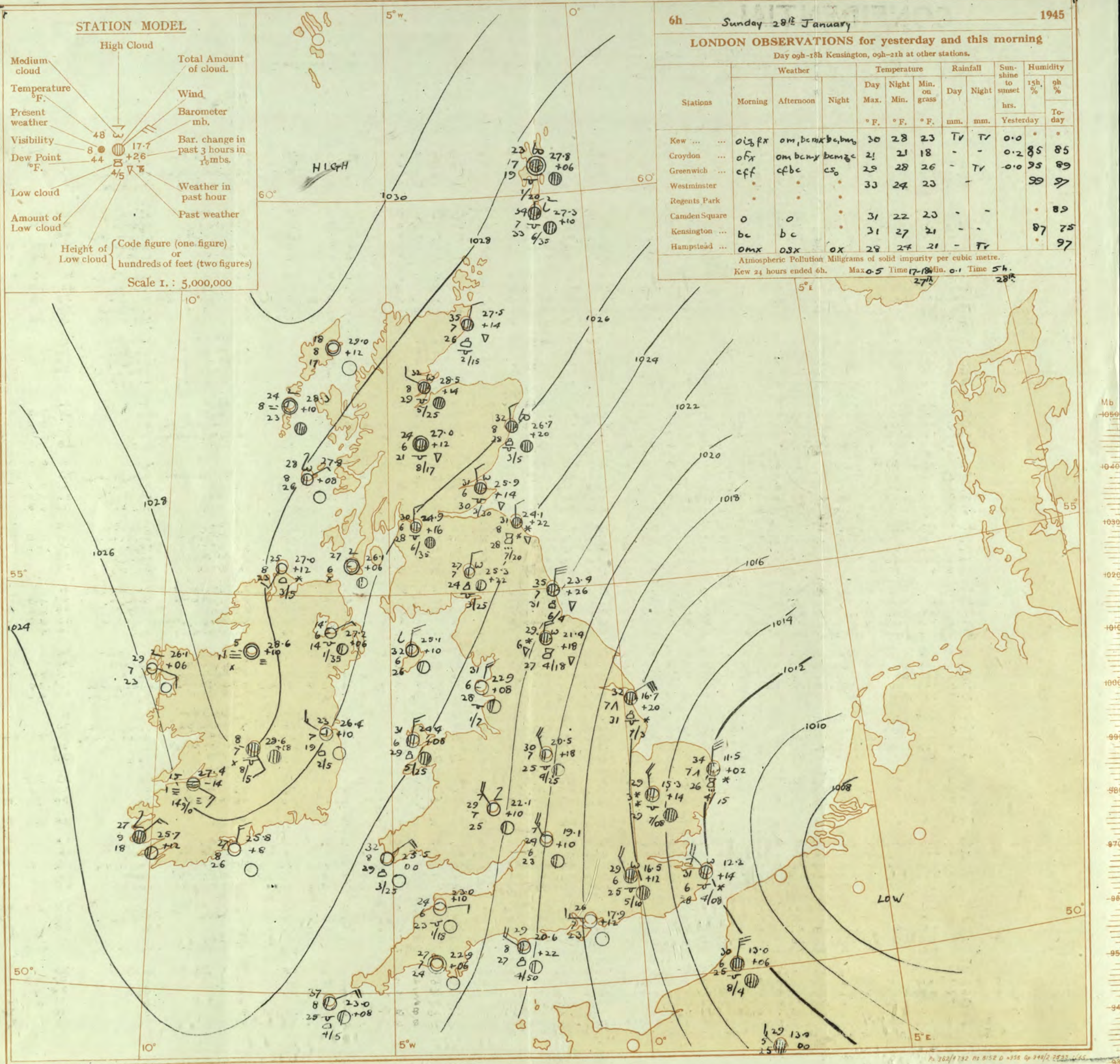
1945

## 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 mm.	Night mm.	hrs.	hrs.	Yesterday %	To-day %
Kew ...	oiz fr	om, bmx bc, bny		30	28	23	TV	TV	0.0			
Croydon ...	ofx	om bmx bc, bny		21	21	18	-	-	0.2		85	85
Greenwich ...	eff	cfbc	cs	29	28	26	-	TV	0.0		95	89
Westminster				33	24	23					99	97
Regents Park												
Camden Square	o	o		31	22	23	-	-				89
Kensington ...	bc	bc		31	27	21	-	-			87	75
Hampstead ...	omx	osx	ox	28	24	21	-	TV				97

Atmospheric Pollution Miligrams of solid impurity per cubic metre.  
 Kew 24 hours ended 6h. Max 0.5 Time 17-18h. Min 0.1 Time 5h.





# GENERAL INFERENCE

A depression over Holland is moving south-southeast and pressure is rising generally over the British Isles. There will be snow showers in all eastern districts but weather will be mainly fine in the West and North and in the Midlands. It will be very cold, with hard night frost in the West, North and Midlands.

# FURTHER OUTLOOK

Gale warning in operation in districts 2, and south 10. Time of issue 0155h G.M.T. 28th Jan. 45.

Mainly fair apart from local fog. Continuing very cold with hard night frost.

## Chart of Weather in the Northern Hemisphere.

Morning of

SUNDAY 28th JANUARY

1945.

Clark's Projection Scale 1 : 4 x 10<sup>7</sup> along meridian at 55° N.  
Statute Miles 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

## EXPLANATION OF CHART

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

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way:  
— Warm Front on the Surface  
— Warm Front above the ground  
— Cold Front on the surface  
— Cold Front above the ground  
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

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

Broken lines are interpolations

All times are G.M.T. Add one hour to get summer time.



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

Sunday 20th January 1945  
No...30383

OBSERVATIONS at 00hr. G.M.T. 28th January																			OBSERVATIONS at 06hr. G.M.T. 28th January																			OBSERVATIONS during NIGHT						
District.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.			Height of Base																															

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

0 = Nil      2 =  $\frac{1}{10}$       4 =  $\frac{1}{2}$       6 =  $\frac{9}{10}$   
1 = Trace    3 =  $\frac{1}{4}$       5 =  $\frac{3}{4}$       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.

\* Information not usually received.



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THE DAILY WEATHER REPORT

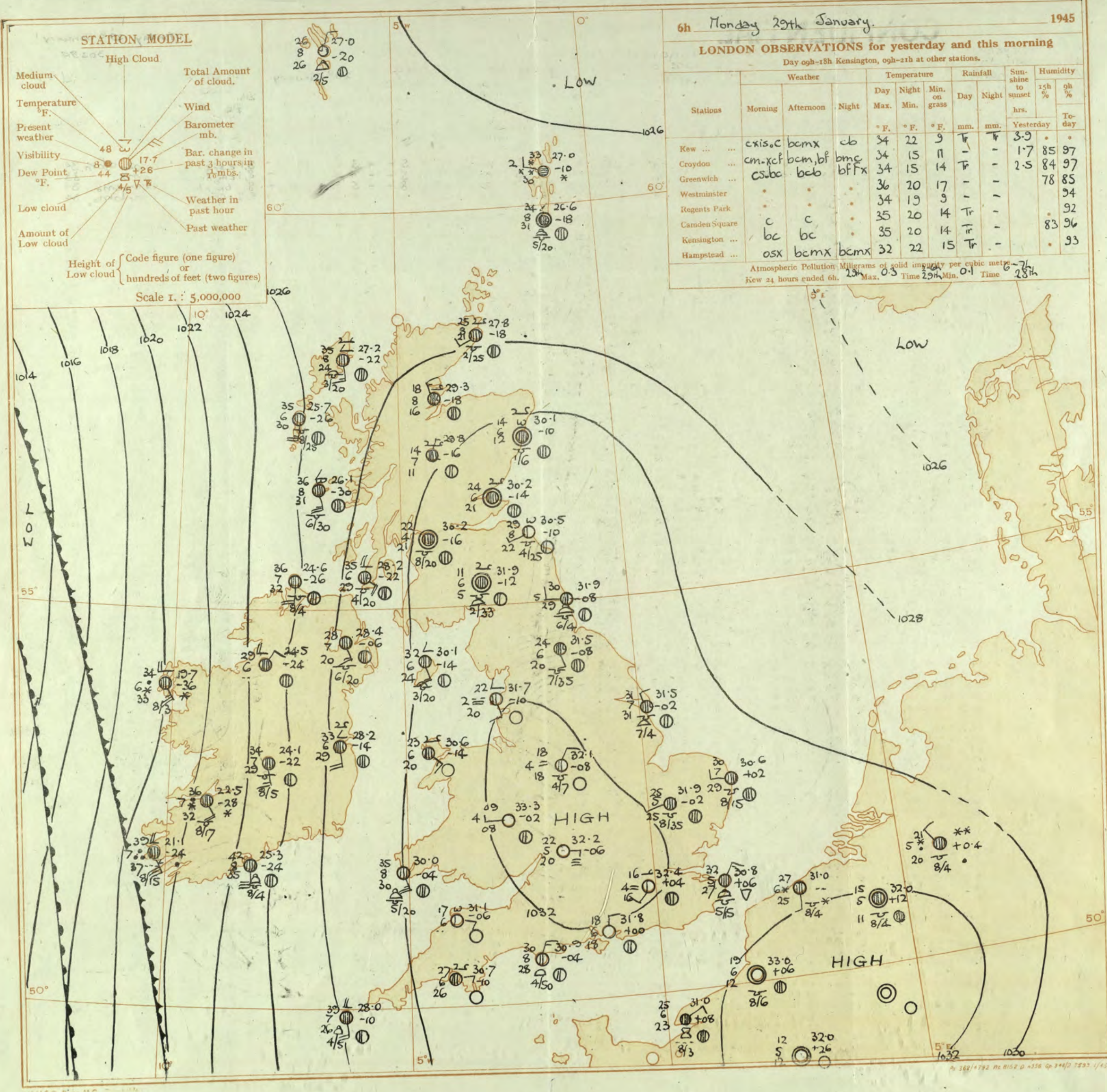
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Monday 29<sup>th</sup> January 1945

No. 30384

OBSERVATIONS at 12h. G.M.T. 28 <sup>th</sup> January																	OBSERVATIONS at 18h. G.M.T. 28 <sup>th</sup> January															OBSERVATIONS during DAY															
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.				Height of Base Hundreds of feet. A. B. (15) (16)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (22)	Dew Point. (23)	Visibility. (24)	Cloud.				Height of Base Hundreds of feet. A. B. (29) (30)	24h. State of Ground. (33)	Weather.		Max. Temp. 09h.- 21h. (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. inches (38)														
				Dirac. (3)	Force. (4)					Form. (9)	Med. (10)	High. (11)	Total. (12)					Dirac. (19)	Force. (20)					Form. (25)	Med. (26)	High. (27)	Total. (28)			06h.-12h. (34)	12h.-18h. (35)																
1	Kew	22.4	+3.2	N	4	20	33	25	6	5	5	5	5	15	28.2	+3.2	N	2	3	31	25	4	5	5	5	15	8.1	c, r, g, c, z	b, c, b, z, c, b, m	34	3.5	Tr															
	Croydon	22.2	+2.2	NNW	4	m	33	28	4	5	5	5	5	10	28.2	+3.2	NNW	2	3	31	28	6	5	5	5	20	8.1	c, m, x, f, c, m	b, c, m, x, c, m, o	33	1.7	-															
	Boscombe Down	24.1	+2.2	NNW	4	b, c	31	28	7	5	5	5	5	25	28.6	+3.0	NNW	2	2	29	28	6	5	5	5	0	8.2	b, m, x, b, c, x	b, c, m, o, c, m, o	31	4.4	-															
	Thorney Island	22.4	+2.6	NNW	3	20	34	27	6	5	5	5	5	25	27.7	+2.2	NNW	2	2	29	26	6	5	5	5	0	8.2	c, m, o	c, m, o, b, m, o	34	-	-															
	Friston	22.4	+2.6	NNW	3	20	34	27	6	5	5	5	5	25	27.7	+2.2	NNW	2	2	29	26	6	5	5	5	0	8.2	c, m, o	c, m, o, b, m, o	34	-	-															
2	Lymington	19.5	+3.9	NNW	6	p, sh	31	28	3	5	5	5	5	5	26.1	+3.2	NNW	3	4	30	28	6	5	5	5	14	8.2	c, m, p, s, c	c, p, s, o, m, o	32	0.0	1															
	Manston	19.2	+4.0	NNE	6	PR	32	29	3	5	5	5	5	15	25.7	+3.6	NNE	4	4	32	28	5	5	5	5	10	8.1	c, m, o, c, z, m, o	c, o, s, o, z, o, m, o	34	0.0	2															
	North Weald	22.4	+3.8	NW	5	b, b, c	31	28	7	5	5	5	5	15	28.2	+3.0	NW	2	2	30	25	24	5	5	5	4	8.1	c, p, s, o, m, x, d	c, b, m, o, p, s	32	2.3	1															
	Felixstowe	20.1	+4.0	NNE	5	b, b, c	33	28	6	2	5	5	5	20	26.5	+3.0	NNE	5	5	34	29	7	5	5	5	30	8.3	p, s, o, m, b, e, z	c, p, s, o, b, c, m, o	33	1.7	0.3															
	Gorleston	19.5	+4.2	NE	6	b, p, s	34	29	7	1	5	5	5	25	25.9	+3.0	NE	5	5	34	28	7	5	5	5	17	8.3	c, b, c, p, s, g	c, p, s, o, m, b, c	32	3.7	Tr															
3	Mildenhall	22.6	+3.8	NNE	4	PR	31	31	4	5	5	5	5	10	28.0	+3.0	NNE	2	2	30	24	6	5	5	5	3	8.8	b, c, c, p, s, m	c, p, s, o, m, b, c	32	3.7	Tr															
	Bircham Newton	22.5	+3.0	ENE	3	b, b, c	31	28	7	2	5	5	5	22	28.5	+3.0	ENE	2	2	30	27	7	5	5	5	30	8.4	b, c, m, o	b, c, c	34	2.3	Tr															
	Cranwell	24.7	+3.6	N	4	20	33	26	6	2	5	5	5	35	29.7	+2.8	N	2	2	29	25	5	5	5	5	30	8.4	c, m, o, p, s, b, c, m, o	b, c, z, o, p, s, o, z	33	5.7	0.3															
	Cranfield	23.4	+3.8	NNW	4	b	32	26	7	4	5	5	5	30	28.6	+3.0	NNW	2	2	29	25	6	5	5	5	20	8.2	c, m, o, p, s, b, m, o	b, c, c, p, s, o, m, o	33	-	-															
	Honiley	25.2	+3.0	N	4	20	32	26	5	8	5	5	5	25	29.8	+3.0	N	2	2	28	24	5	5	5	5	25	8.3	c, m, x, b, m	c, c, z, m, o	33	4.6	-															
4	Little Rissington	24.4	+2.6	NNW	4	20	30	28	5	5	5	5	5	25	28.6	+2.8	NNW	4	4	29	8	5	5	5	5	7	8.3	b, m, x, b, c, m, x	b, c, m, o, x, c, m, o	31	-	-															
	Shobden	26.7	+2.9	NNW	4	b, c	32	26	7	4	5	5	5	40	30.5	+2.2	NNW	3	3	29	28	5	5	5	5	0	8.2	b, b, c	b, z, o, b, c, l, o, m, o	34	-	-															
	Bristol	25.3	+2.2	NNE	4	20	32	25	5	5	5	5	5	30	29.7	+2.6	NNE	2	2	27	22	8	5	5	5	30	8.3	b, m, o	b, o, c, z, o	34	6.2	-															
	Chivenor	26.8	+1.6	N	3	b	33	20	8	2	5	5	5	30	29.9	+1.8	N	2	2	25	22	8	5	5	5	0	8.4	b, m, x, b, x	b, o, c	36	-	-															
	Yeovilton	26.1	+2.0	NNW	3	20	32	32	6	2	5	5	5	0	28.8	+2.4	NNW	3	3	25	25	4	5	5	5	0	9.7	b, c, b, z	b, c, z, b, o	33	-	-															
5	Portland Bill	24.2	+2.8	NNW	4	c, b, c	34	32	8	2	5	5	5	50	28.4	+2.8	NNW	4	4	33	31	8	5	5	5	50	1	b, c, c	c	34	-	-															
	Exeter	26.2	+2.2	NNW	2	b	30	23	7	5	5	5	5	40	29.8	+2.6	NNW	2	2	28	26	6	5	5	5	2	8.4	b	b	34	6.0	-															
	Plymouth	26.7	+1.6	NE/N	4	b	33	27	7	5	5	5	5	25	30.1	+2.0	NE/N	2	2	30	26	6	5	5	5	4	5	b, x, b, n, b	b, c, c, m, o	36	7.3	-															
	St. Eval	27.1	+1.8	NNE	4	b, c	38	29	8	1	5	5	5	25	30.2	+2.2	NNE	2	2	32	30	8	5	5	5	25	4	b, m, o, b, e	b, c, c, m, o	38	7.2	-															
	The Lizard	26.2	+2.0	NNE	3	b, c	37	25	8	7	5	5	5	25	28.3	+2.0	NNE	2	2	30	28	8	5	5	5	25	3	b, c	b, c	40	7.1	-															
6	Scilly, St. Marys	26.8	+1.2	NNE	3	c	40	26	8	8	2	5	5	20	28.9	+1.4	ENE	3	3	37	29	8	5	5	5	20	0	b, c, c, y	c, b, c, c	41	2.6	-															
	Fairwood	27.5	+2.2	NNE	4	20	30	23	6	5	5	5	5	25	30.9	+2.2	NNW	2	2	30	21	1	5	5	5	25	9.7	b, m, o, b, z, o, x	b, z, o, b, c, m, o	33	-	-															
	Pembroke	27.5	+1.6	NNE	3	b, c	35	35	8	2	5	5	5	25	30.7	+2.0	NE/N	2	2	28	25	5	5	5	5	25	8.5	b, c	b, c	36	7.0	-															
	Aberporth	27.7	+2.0	NE/N	4	b, c	38	27	7	1	5	5	5	25	25.5	+1.4	NE/N	2	2	28	25	5	5	5	5	25	4	b, c, c, b	b, l, o, c, b, x	36	6.8	-															
	Penrhos	27.9	+2.0	NNE	3	20	37	30	6	5	5	5	5	40	30.6	+1.4	NE/N	2	2	29	25	8	5	5	5	31	8.2	b, m, o, b, c, m, o	b, o	4.5	7.5	-															
7	Holyhead, Valley	28.5	+1.6	NE	2	c, b, c	35	29	8	7	5	5	5	30	31.3	+1.4	NE	1	1	30	28	7	5	5	5	30	8.5	b, c, c	b, c, c, b, c	37	-	-															
	Hawarden	27.6	+2.9	N	3	m	33	28	4	5	5	5	5	25	30.7	+1.4	NE	2	2	28	24	7	5	5	5	40	8.2	b, b, c, b, c, m	c, m, p, s, c, m	35	0.0	Tr															
	Manchester	26.6	+2.6	NNE	3	m	33	29	4	5	5	5	5	30	31.2	+2.8	NE	2	2	33	21	20	4	5	5	20	8.2	b, m, b, c, p, s, m	c, p, r, f, b, c	34	-	Tr															
	Squires Gate	28.0	+2.9	NNE	3	20	35	31	5	4	5	5	5	35	30.3	+2.0	NE	2	2	32	21	5	5	5	5	40	4.4	b, c, m, b, m, o	b, z, o, p, s, b, c, m, o	36	-	-															
	Silloth	29.1	+1.8	NNE	2	b, b, c	32	28	7	4	5	5	5	45	31.9	+1.4	NE	3	3	32	31	7	5	5	5	40	8.1	b, c	b, c, b	34	-	-															
8	Ashbourne	25.6	+3.0	N	3	20	32</																																								





# 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 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 Monday 29th January.

1945

## 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	cx is c	bcmx	cb	34	22	9	Tr	-	3.9	85	97
Croydon	cm-xcf	bcm, bf	bmc	34	15	11	Tr	-	2.5	84	97
Greenwich	cs bc	bcb	bffx	34	15	14	Tr	-		78	85
Westminster	.	.	.	36	20	17	-	-			94
Regents Park	.	.	.	34	19	9	-	-			92
Camden Square	c	c	.	35	20	14	Tr	-		83	96
Kensington	bc	bc	.	35	20	14	Tr	-			
Hampstead	osx	bcmx	bcmx	32	22	15	Tr	-			93

Atmospheric Pollution: Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 6h. 29th Max. 0.3 Time 2.5h Min. 0.1 Time 6-7h 28th



# GENERAL INFERENCE

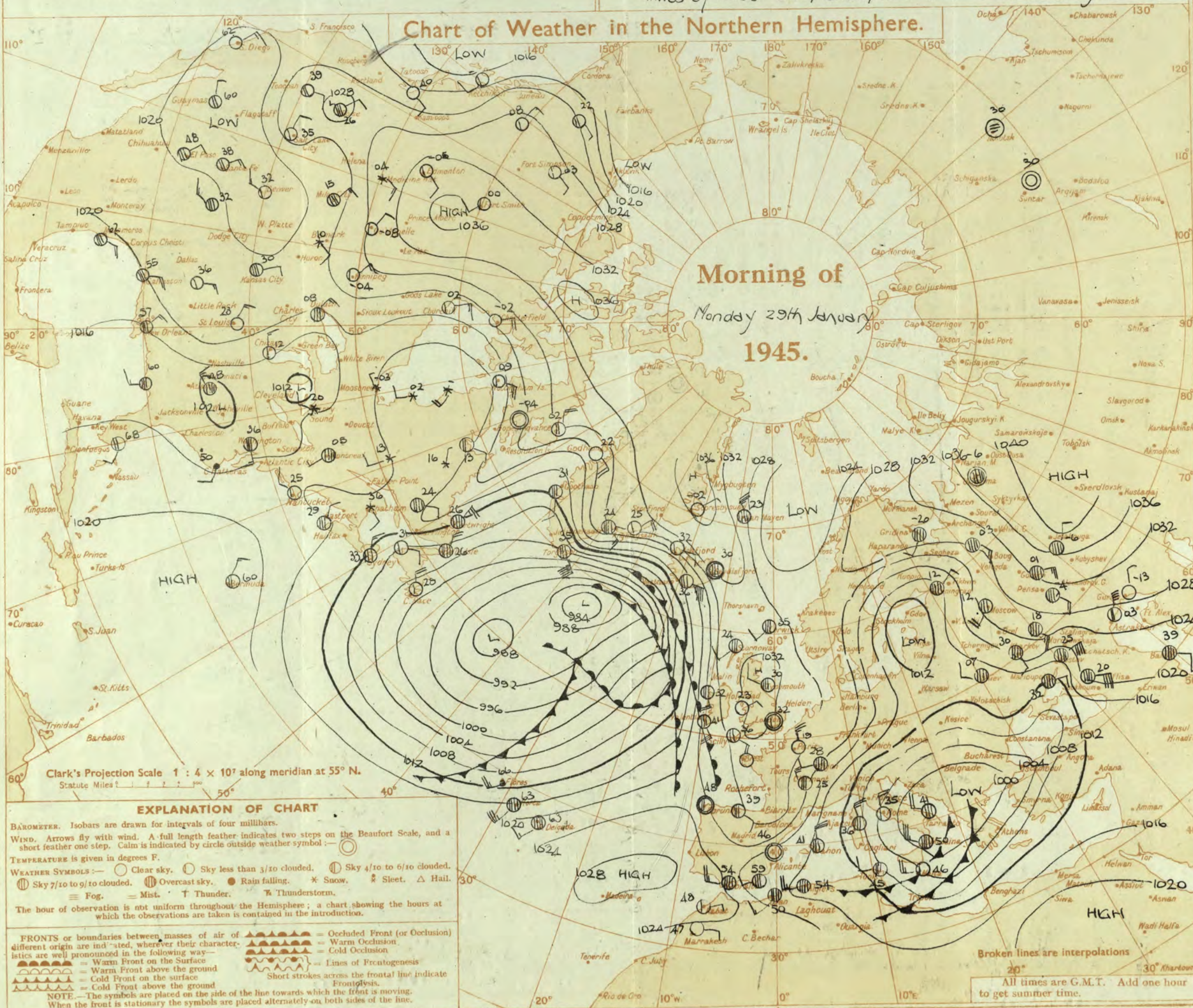
An anticyclone centred over northeast France is moving southeast and a pronounced trough of low pressure off west Ireland is moving east. Weather will be fair in the east and southeast but there will be considerable snow in the North and West changing to rain. It will be very cold at first, but will become milder later in the North and much milder in the West.

# FURTHER OUTLOOK

Snow extending to the east and southeast of England followed by milder conditions and occasional rain. Milder conditions persisting in the North and West. Gale warning in operation in districts 5, 6, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18. Times of issue 0315, 0445, 1000 G.M.T. 29th January 45.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 29th January  
1945.





\* Information not usually received



BRITISH  
SECTION

CONFIDENTIAL

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

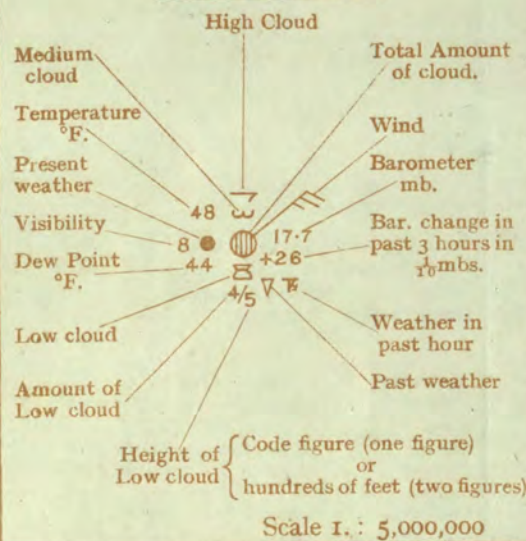
Tuesday 30th January 1945

No. 30385

OBSERVATIONS at 12h. G.M.T. 29th January												OBSERVATIONS at 18h. G.M.T. 29th January												OBSERVATIONS during DAY																											
District.	STATIONS. (For heights see p. 4.)	Bar. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility. (8)	Cloud.				Bar. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. (°F) (22)	Dew Point (°F) (23)	Visibility. (24)	Cloud.				Bar. at M.S.L. (31)	Change in 3 hours. (32)	Wind.		Weather. (35)	Max. Temp. 09h.- 21h. (°F) (36)	Sun- shine His. (37)	Rain 09h.- 21h. mm. (38)																		
				Dir.	Force.					Form.		Amount.				Dir.	Force.					Form.		Amount.				Dir.	Force.																						
										Low.	Med.	High.	Total.									Low.	Med.	High.	Total.																										
1	Kew	31.5	-10	SW	1	bc	29	28	2	-	-	4	1	-	-	27.2	-16	SSW	3	20	28	5	5	2	-	8	5	3	21	-	8.1	0.0	Tr																		
	Croydon	31.2	-16	SW	2	bc	33	25	4	-	-	2	4	-	-	25.4	-14	NET	5	20	29	5	5	-	-	8	5	3	35	-	8.1	0.0	Tr																		
	Boscombe Down	30.7	-20	WNW	2	bc	33	25	4	-	-	2	4	-	-	26.2	-22	SW	3	20	31	4	5	-	-	8	5	3	5	-	8.1	0.0	Tr																		
	Thorney Island	31.2	-6	WNW	1	iso	29	27	4	5	7	-	8	4	8	27.8	-14	SW	4	20	28	6	5	7	-	8	5	8	40	-	8.2	0.0	Tr																		
	Friston	31.2	-6	WNW	1	iso	29	27	4	5	7	-	8	4	8	27.8	-14	SW	4	20	28	6	5	7	-	8	5	8	40	-	8.2	0.0	Tr																		
2	Lymington	32.5	+2	SW	1	20	32	24	5	5	-	2	7	3	7	29.8	-8	SW	2	20	26	6	5	-	-	8	5	8	25	40	8.2	0.0	Tr																		
	Manston	32.0	0	SW	1	20	32	28	5	5	-	2	7	3	7	29.2	-10	SSW	3	20	26	6	5	-	-	8	5	8	69	-	8.3	0.0	Tr																		
	North Weald	32.1	-6	SE	1	20	31	27	5	5	-	2	7	3	7	27.7	-18	SSW	3	20	29	4	5	2	-	8	5	8	18	-	8.1	0.0	Tr																		
	Felixstowe	31.4	-6	W	2	20	32	28	6	5	-	2	7	3	7	28.4	-14	SSW	4	20	30	6	5	-	-	8	5	8	18	-	8.2	0.0	Tr																		
	Corleston	30.3	-2	W	2	20	32	28	6	5	-	2	7	3	7	27.6	-4	SW	2	20	28	6	5	-	-	8	5	8	15	-	8.2	0.0	Tr																		
3	Mildenhall	31.1	-10	-	0	20	30	29	5	5	2	-	8	4	8	26.8	-18	SSE	3	20	30	5	-	2	-	8	5	8	30	-	8.2	0.0	Tr																		
	Bircham Newton	30.2	-18	WSW	2	20	31	29	6	5	7	-	7	5	7	27.1	-18	SSE	2	20	28	27	6	5	-	-	8	5	8	64	-	8.4	0.0	Tr																	
	Cranwell	30.4	-18	SW	2	20	29	26	5	5	-	-	8	4	8	25.8	-22	SE	2	20	28	25	5	1	-	-	8	5	8	80	-	8.2	0.0	Tr																	
	Cranfield	31.2	-12	SE	1	20	29	25	5	5	-	-	8	4	8	26.6	-18	SE	1	20	31	25	5	5	2	-	8	5	8	40	-	8.2	0.0	Tr																	
	Honiley	30.3	-22	S	2	CF	29	21	3	5	1	-	8	7	8	25.1	-26	SE	3	20	29	27	3	-	2	-	8	5	8	6	-	8.3	0.0	Tr																	
4	Little Rissington	30.6	-8	SSE	2	20	24	23	5	-	1	-	8	8	-	25.5	-24	SSW	3	20	28	3	-	2	-	8	5	8	3	-	8.8	0.0	Tr																		
	Shobden	30.2</																																																	



# STATION MODEL



6h Tuesday 30th January

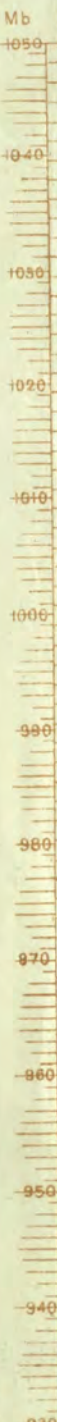
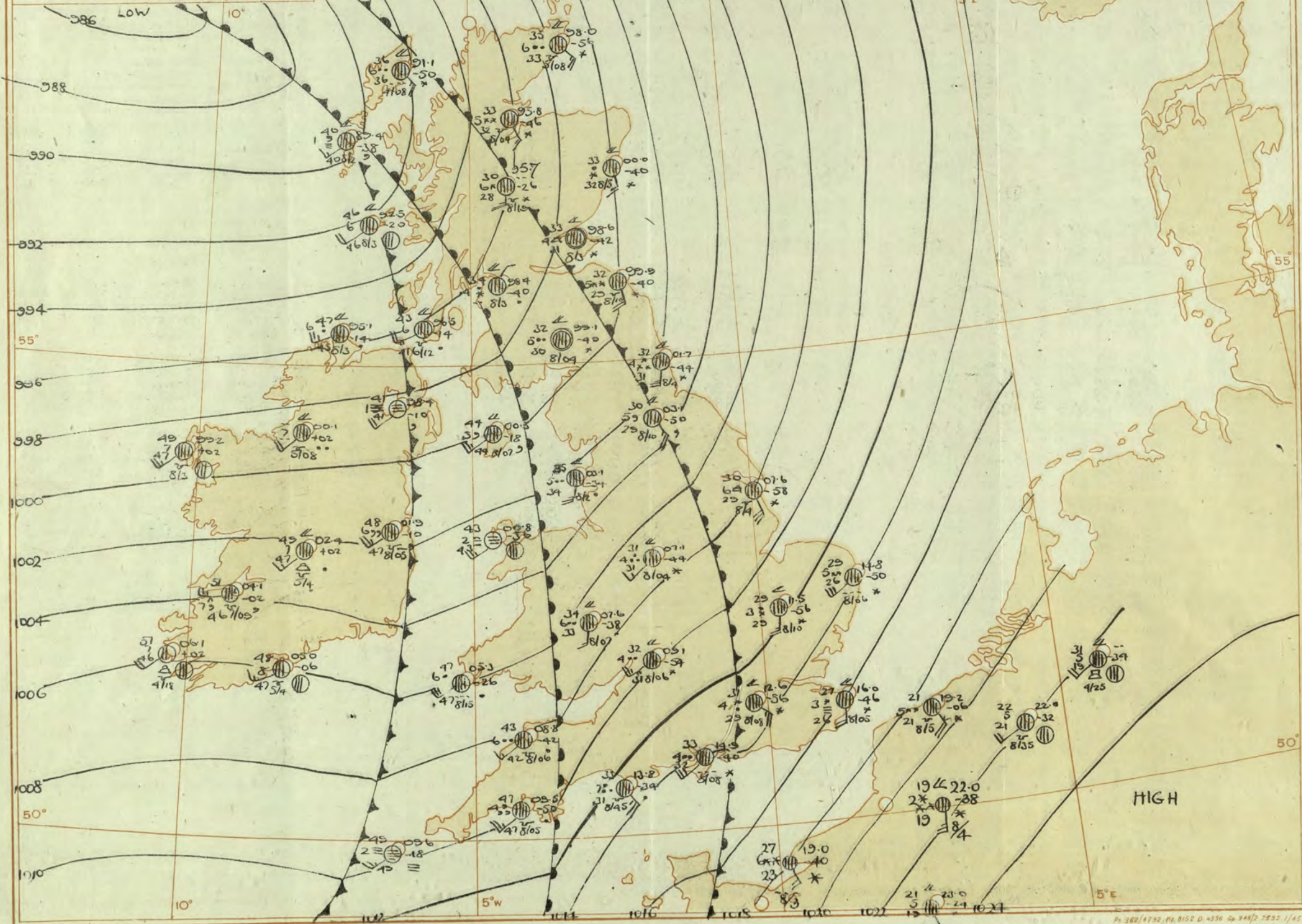
1945

## 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 ...	0Febf	bcffxmc	csmo	33			Tr				
Croydon ...	bcFbcm	cmoisom	soxsr	33			0.2			85	85
Greenwich ...	Fcf	c	cs	34	28	29	-	12	1.0	84	83
Westminster				36	32	29	-	12		90	100
Regents Park				34	29	29	-	13		86	97
Camden Square	o	c		34	22	16	-				98
Kensington ...	obc	bc		35	29	29	Tr			80	83
Hampstead ...											

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 1.2 Time 2.10h Min .50 Time 0.6h 30th





# GENERAL INFERENCE

A depression off northwest Scotland will move East turning east-south-east, and associated troughs will cross the country; a secondary is expected to affect our southern districts later.

Conditions are becoming milder generally, and the flow will continue. There will be much cloud over the whole country with local rain or drizzle and fairly general poor visibility with considerable mist and fog. More general precipitation is possible in the South later.

# FURTHER OUTLOOK

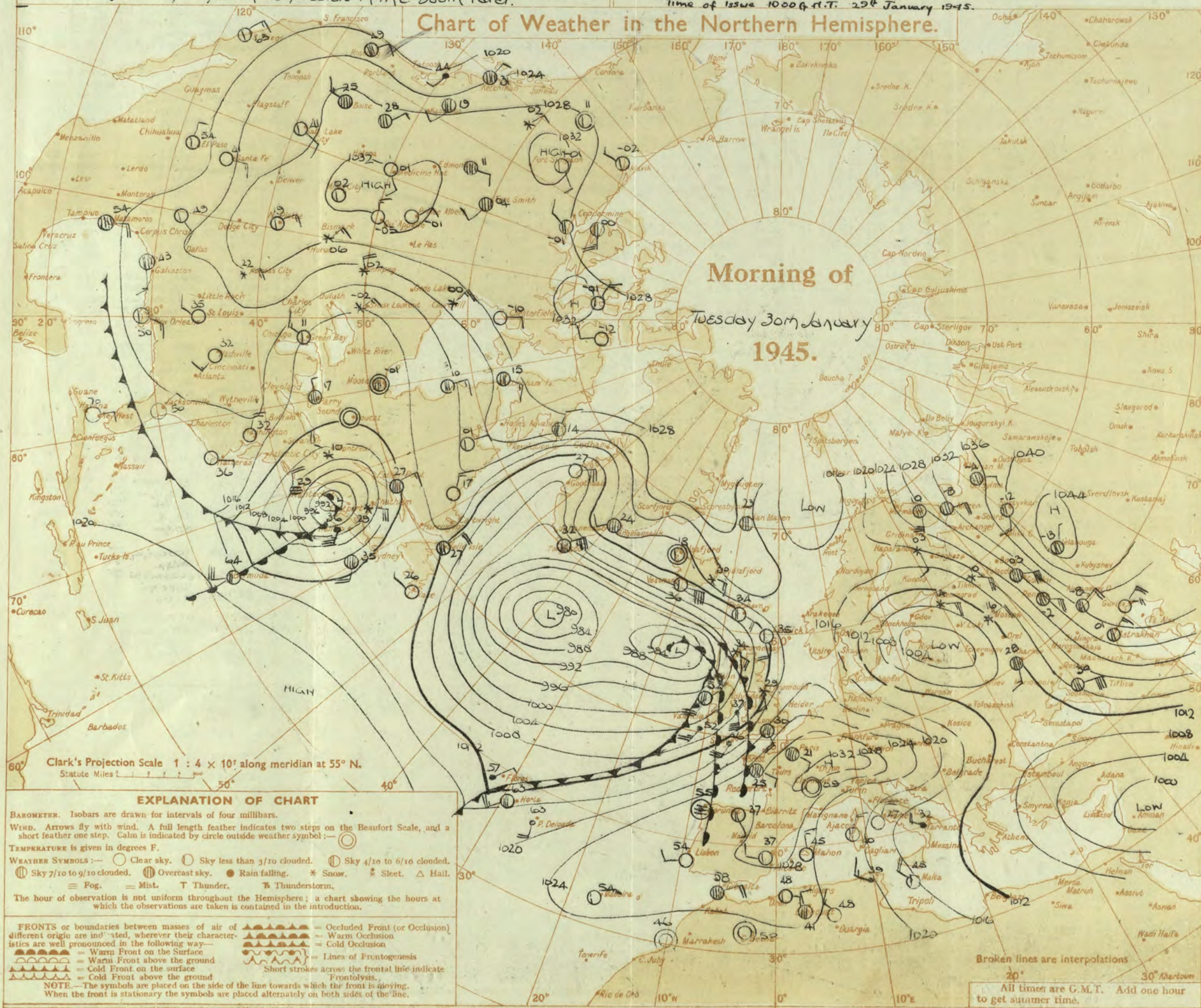
Little change.

⚡ Gale warnings in operation in districts 14, 15, and 16.  
Time of Issue 1000 G.M.T. 29th January 1945.

## Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 30th January  
1945.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Tuesday 30<sup>th</sup> January 1945  
No. 30385

OBSERVATIONS at 00hr. G.M.T. 30th January												OBSERVATIONS at 06hr. G.M.T. 30th 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	Visiblity.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visiblity.	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.																
1	Kew	16	28.8	-26	SE	4	30	29	6	S	5	5	18	25	11.9	-56	SSW	4	32	30	6	S	5	5	15	8	8.3	cm	29	29	11									
	Croydon	217	28.7	-30	SE	3	30	29	6	S	5	5	18	25	11.1	-70	SSW	6	33	33	4	S	5	5	8	8	8.4	cm	29	29	13									
	Boscombe Down	417	28.7	-30	SE	3	30	29	6	S	5	5	18	25	11.1	-70	SSW	6	33	33	4	S	5	5	8	8	8.4	cm	29	29	9									
	Thorney Island	10	28.7	-30	SE	3	30	29	6	S	5	5	18	25	11.1	-70	SSW	6	33	33	4	S	5	5	8	8	8.4	cm	29	29	4									
	Friston	—	28.7	-30	SE	3	30	29	6	S	5	5	18	25	11.1	-70	SSW	6	33	33	4	S	5	5	8	8	8.4	cm	29	29	4									
2	Lymington	341	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.6	-44	SSW	5	32	29	3	S	5	5	2	8	8.5	cm	29	29	9									
	Manston	140	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.6	-44	SSW	5	32	29	3	S	5	5	2	8	8.5	cm	29	29	9									
	North Weald	244	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.6	-44	SSW	5	32	29	3	S	5	5	2	8	8.5	cm	29	29	9									
	Felixstowe	10	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.6	-44	SSW	5	32	29	3	S	5	5	2	8	8.5	cm	29	29	9									
	Gorleston	5	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.6	-44	SSW	5	32	29	3	S	5	5	2	8	8.5	cm	29	29	9									
3	Mildenhall	15	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Bircham Newton	221	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.2	-60	SE	6	32	29	3	S	5	5	2	8	8.5	cm	29	29	11									
	Cranwell	203	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.2	-60	SE	6	32	29	3	S	5	5	2	8	8.5	cm	29	29	11									
	Cranfield	340	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.3	-54	SE	6	32	29	3	S	5	5	2	8	8.7	cm	29	29	11									
	Honiley	427	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.3	-54	SE	6	32	29	3	S	5	5	2	8	8.7	cm	29	29	11									
4	Little Rissington	731	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Shobden	318	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Bristol	209	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Chivenor	20	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Yeovilton	50	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
5	Portland Bill	32	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Exeter	100	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Plymouth	86	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	St. Eval	345	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	The Lizard	240	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
6	Scilly, St. Marys	163	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Fairwood	268	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Pembroke	142	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Aberporth	425	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Pearthos	63	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
7	Holyhead, Valley	32	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Hawarden	15	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Manchester	230	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Squires Gate	30	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Silloth	25	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
8	Ashbourne	590	28.8	-28	SW	4	29	28	6	S	5	5	18	25	11.5	-10	S	5	32	29	3	S	5	5	2	8	8.2	cm	29	29	11									
	Snaith	30	28.8	-28	SW																																			



BRITISH  
SECTION**CONFIDENTIAL**

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

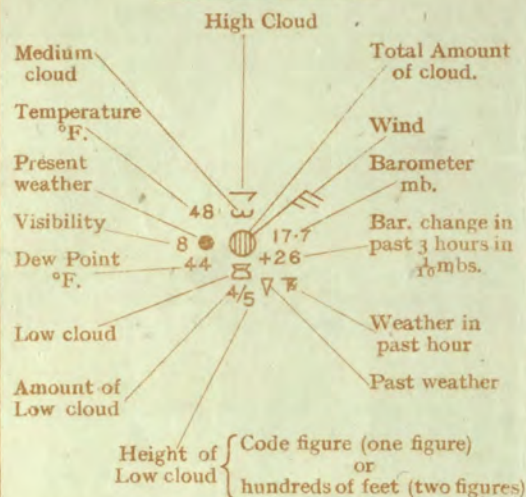
Wednesday 31st January 1945

No. 30386...

OBSERVATIONS at 12h. G.M.T. 30th January															OBSERVATIONS at 18h. G.M.T. 30th January													OBSERVATIONS during DAY																											
District	STATIONS (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather. (5)	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility (8)	Cloud.				Height of Base in hundreds of feet. (15)	Barom. at M.S.L. (16)	Change in 3 hours (17)	Wind.		Weather. (21)	Temp. (°F) (22)	Dew Point (°F) (23)	Visibility (24)	Cloud.				Height of Base in hundreds of feet. (29)	State of Ground (33)	Weather.		Max. Temp. 09h.- 21h. (°F) (36)	Sun- shine Hrs. (37)	Rain 09h.- 21h. mm. (38)																						
				Dir.	Force.					Form.		Amount.											Form.		Amount.																														
										Low.	Med.	High.	Total.										Low.	Med.	High.	Total.																													
1	Kew	07.2	-14	SWW	4	m/a	37	37	4	5	-	-	8	8	-	08.2	+16	SW	2	cl+	38	38	2	5	-	8	8	-	31	-	7.2	crsso	cmiff	43	0.0	0.3																			
	Croydon	07.6	-20	S	2	6/8	37	35	4	2	-	-	8	8	-	08.6	+14	WSW	2	cl	41	41	4	5	-	8	8	-	12	-	6.1	cmomo	cmomf	43	0.0	0.1																			
	Boscombe Down	08.2	-6	WN	2	ido	41	41	4	0	-	-	7	7	-	09.7	+12	W'S	3	cl	40	40	5	5	-	8	8	-	5	-	6.2	didomodo	cmomf	42	0.0	0.1																			
	Thorney Island	08.9	-12	NSW	2	F+	43	43	0	-	-	-	9	9	-	09.4	+6	W'S	5	m	42	42	4	5	-	6	3	4	23	57	6.3	pdodo	oddmof	43	0.0	0.1																			
	Friston																																																						
2	Lympe	08.5	-30	SSW	4	drf	35	35	1	-	-	-	9	9	-	08.5	+14	W	2	F+	40	40	1	-	-	9	9	-	0	-	7.2	rfrf	of	40	0.0	2																			
	Manston	09.0	-28	SSW	5	gr	35	34	5	-	-	-	8	8	-	07.4	+10	SSW	3	TS	39	39	4	5	-	8	8	-	12	-	6.2	ssrrmm	cmof	40	0.0	2																			
	North Weald	06.8	-18	SSW	4	ido	35	35	2	5	-	-	8	8	-	08.0	+18	WSW	4	TS	40	40	1	-	-	9	9	-	0	-	6.3	oisro	oddmof	41	0.0	2																			
	Felixstowe	07.5	-22	SSW	5	ido	34	33	6	5	-	-	8	8	-	05.7	-6	WSW	4	TS	38	37	4	5	-	8	8	-	15	-	6.2	zomodo	om	39	0.0	3																			
	Corleston	07.6	-48	SSW	4	m	33	30	4	9	-	-	7	7	-	05.0	+2	W	4	m	39	38	4	5	-	8	8	-	15	-	8	cosq	acq	40	0.0	3																			
3	Mildenhall	08.0	-26	SW	5	Z	36	36	6	5	-	-	8	8	-	05.6	+10	WSW	4	TS	38	37	5	5	7	7	5	6	20	-	6.2	rsfrsrdm	cmo	39	0.3	Tr																			
	Bircham Newton	04.7	-24	S	5	Z	34	34	5	5	-	-	8	8	-	04.8	+2	WSW	4	TS	39	38	5	5	-	4	4	-	20	-	6.4	ro	cmo	40	0.2	Tr																			
	Cranwell	03.2	-8	WSW	5	Z	37	37	6	5	7	-	8	8	-	04.6	+10	WSW	3	TS	37	37	5	5	3	3	3	3	15	-	1	cmoc	cmomf	40	0.2	Tr																			
	Cranfield	06.3	-8	WSW	4	F	37	36	2	5	-	-	8	8	-	06.8	+10	WSW	3	TS	38	37	1	-	-	3	3	-	0	-	6.3	cdodidom	off	38	0.0	Tr																			
	Honiley	06.2	0	SW	4	Fy	38	37	4	5	-	-	8	8	-	06.1	+12	SW	3	TS	40	39	6	-	4	2	2	2	0	-	6.2	omof	bcmo	46	1.9	*																			
4	Little Rissington																																																						



# STATION MODEL



Scale 1 : 5,000,000

6h Wednesday 31st January

1945

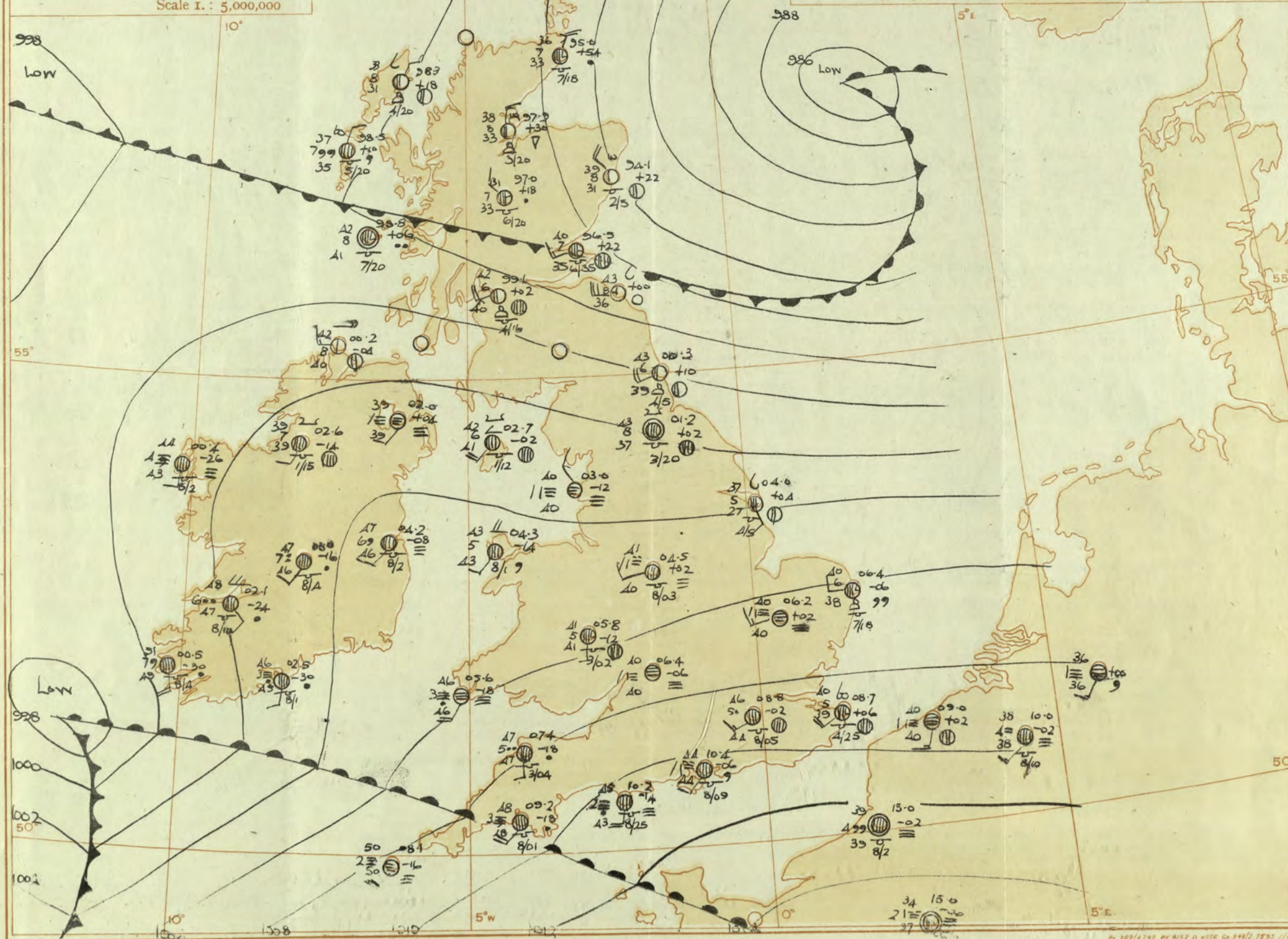
## LONDON OBSERVATIONS for yesterday and this morning

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 ...	crs	cmff	cimig	43	39	37	0.3	1	0.0	92	97
Croydon ...	cmr	cmr	cmr	43	42	38	0.1	2	0.0	92	97
Greenwich ...	rc	cmf	edg	42	42	35	Tr	1.3	0.0	97	96
Westminster				45	35	32	4.4			91	99
Regents Park				45	37	37	3.0	0.7		92	
Camden Square	od	o		43	43	32	0.5	1.5		98	
Kensington ...	chc	cbpb		47	41	33	0.4	1.0		97	99
Hampstead ...	orf	of	orf	41	38	34	0.8	1.0		98	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. Time Min. Time





**GENERAL INFERENCE**  
A depression off Southwest Ireland will move Northeast across the British Isles and then turn East; there will be general rain except in the extreme North, but a temporary improvement is expected tomorrow in most areas; another depression will advance from Northwest of the Azores; it will continue mild except in North Scotland.

**FURTHER OUTLOOK**  
Rain spreading from Southwest, mild except in North Scotland.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 31st January  
1945.

