

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st October to 31st December

1944





# 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.	— ... 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...	55-61
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 High Cloud (Ch) — Columns 11, 27

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

## Cloud Form Abbreviations

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

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

Objects not visible at	
0 Dense fog	55 yards
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1½ miles
5 Poor visibility	2½ "
6 Moderate "	6½ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 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).	q, squalls. r, rain. s, snow.
bc, sky partly cloudy (one half covered). c, generally cloudy.	rs, sleet. t, thunder.
d, drizzle. e, wet air. g, gloom.	u, ugly, threatening sky.
f, fog, visibility 220-1100 yds.	v, unusual visibility. w, dew.
F, thick fog, less than 220 yds.	x, hoar frost. y, dry air.
fs, low fog over sea (coast station).	z, dust haze: the turbid atmosphere of dry weather.
fg, low fog over land (inland station).	h(r), "hail" or "rain and hail."
m, mist, visibility 1100-2200 yds.	Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus
h, hail. i, intermittent.	R, heavy rain. ro, slight rain.
jf, fog at a distance, but not at station.	rr, continuous rain.
jp, precipitation within sight of station.	<, less than (for cloud height).
ks, storm of drifting snow.	gale.
k/s, slight storm of drifting snow (generally low).	⊕, Solar halo. ⊙, lunar halo. < Aurora.
k/S, heavy storm of drifting snow (generally low).	With present weather is combined, whenever possible, the general character of the weather.
s/k, slight storm of drifting snow (generally high).	A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.
S/k, heavy storm of drifting snow (generally high).	
KQ, line squall. l, lightning.	
o, overcast sky. p, passing showers	

Explanations of the symbols used in the chart on p. 2, will be found in Form 2459, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 1/- net.

## 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.

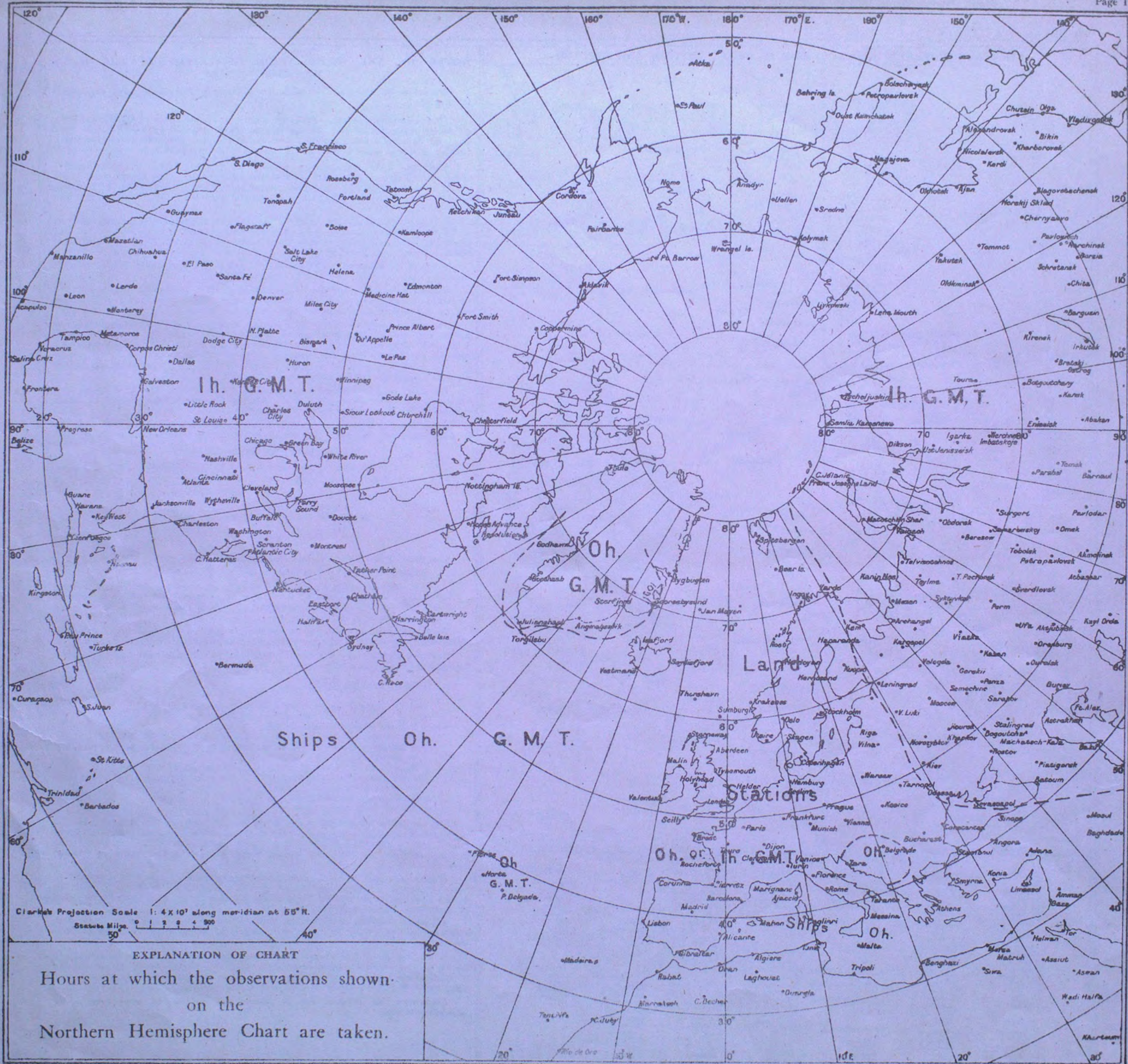
## Form of Low Cloud (Cl)—Columns 9, 25.

- 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.







## FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



## FORECAST DISTRICTS and the Counties comprised within them

- |  |  |  |   |  |   |  |
|--|--|--|---|--|---|--|
| 1. England, S.E.<br>Kent.<br>Sussex.<br>Surrey.<br>Hampshire.<br>Berkshire.<br>Wiltshire.  | 4. Midlands, W.<br>Gloucester.<br>Hereford.<br>Worcester.<br>Shropshire.<br>Stafford.        | 8. England, N.W.<br>Cheshire.<br>Lancashire.<br>Westmorland.<br>Cumberland.                      | 11. Scotland, S.E.<br>(cont.)<br>Lithgow.<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>nach 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>Monmouth.<br>Devon.<br>Cornwall.                 | 9. Midlands, N<br>Derby.<br>Yorkshire, W.  | 12. Scotland, S.W.,<br>and Isle of Man.<br>Dumfries.<br>Kirkcudbright.<br>Wigtown.<br>Ayr.<br>Lanark.<br>Renfrew.<br>Dumbarton.<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>Carmarthen.<br>Pembroke.<br>Cardigan.<br>Radnor. | 10. England, N.E.<br>Yorkshire, N. & E.<br>Durham.<br>Northumberland.                            | 15. Scotland, N.E.<br>Kincardine.<br>Aberdeen.<br>Banff.<br>Elgin.<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>Londonderry.<br>Tyrone.<br>Donagel.   |   |  |
|  | 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.

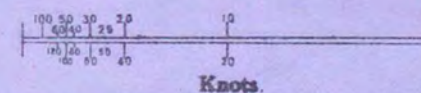
The scales below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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,

December 1944 No.336

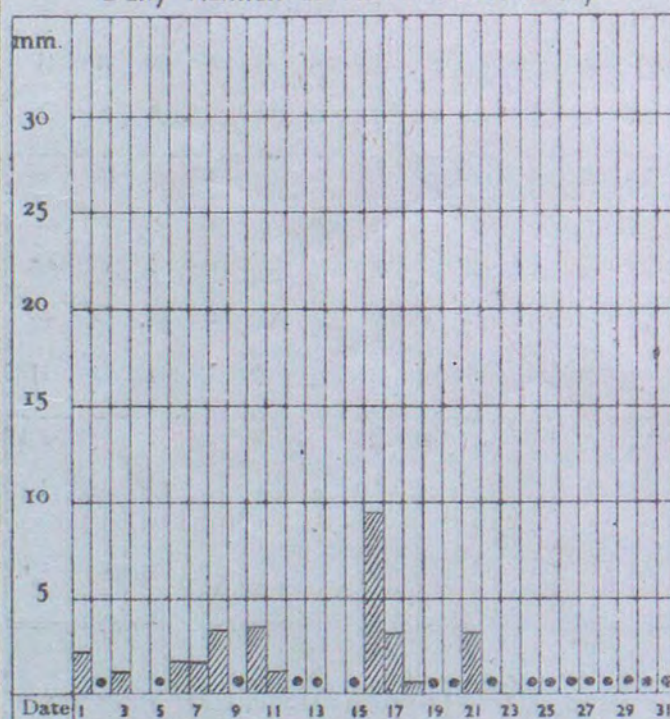
A cold month; hard frost and fog later.

Secondary disturbances from an Iceland depression crossed the country during the first few days, followed by the movement of low pressure centres across Scotland between 4-12th. Strong winds, often reaching gale force, were reported from many parts, particularly in the Irish Sea area. Precipitation, sometimes in the form of snow in the North, was heavy, and measurements included 27mm at Birr on 1st, 37mm at Eskdalemuir on 6th, and 27mm at Aberdeen on 11th. Isolated thunderstorms were also reported. Although temperature remained somewhat about average during this period, day maxima did reach 52°-57°F at numerous stations on the 3rd, and sunshine above 6hrs duration occurred on the 4th, 5th and 12th. A ridge of high pressure developed on 13th with fairly widespread fog and day maxima at some places in the Southeast did not rise above 32°F and there were sharp ground frosts in the early morning.

On the 14th a depression appeared off West Ireland and associated frontal systems crossed the country until the 17th, when the centre which had deepened to 956mb moved away north. A small polar depression passed over the Irish Sea on the 18th and filled up. Gales were renewed in many areas and precipitation heavy and particularly general on the 16th with the largest fall of 50mm at Valentia. A Continental ridge of high pressure on

the 19th slowly intensified and formed an anticyclonic system in the South, which at times dominated most of the British Isles. Pressure remained low to the north and apart from the passage of minor troughs and associated fronts, this pressure distribution continued until the end of the month. Fog eventually became widespread and persistent at times in England and Wales, accompanied after the 24th by severe frost. Good sunshine records, however, were obtained in the Southwest and at other stations, particularly coastal, which escaped the fog belt. Temperature fell to low levels during this period, remaining below freezing point on several days, one of the coldest being at Mildenhall on the 26th with 24°F. During the night intense frost occurred, with a low screen reading of 13°F at Dunstable and 15°F at Bircham Newton on the 27th, while in other areas the thermometer registered as much as 20 degrees of frost on the ground. There were exceptionally heavy deposits of rime in the areas affected by fog. During the earlier part of this cold spell Scotland and Ireland experienced milder, somewhat rainy weather with temperature mainly about average, although fog developed on a few days at various stations. Towards the latter part of the month temperature inclined to rise a little in the South and to fall in the North. For the month as a whole sunshine was a little above normal, especially in the S.W. where the record at Falmouth since 1886 was broken with 87hrs. Mean pressure was above average, while mean temperature was below, especially in England. Rainfall was below average in England & Wales, some stations recording only half the normal amount, but was slightly above in Ireland and in some places in Scotland.

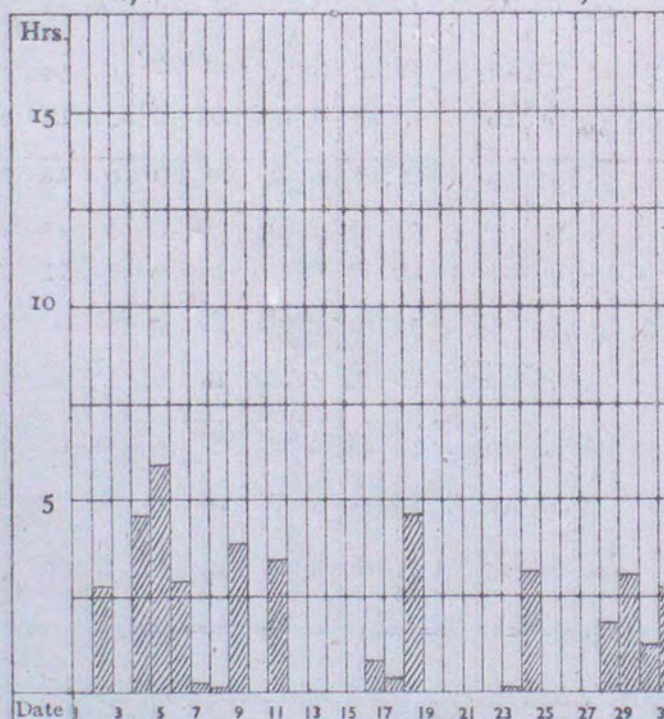
Daily Rainfall at KEW Observatory.



• = less than 0.5 mm.

RAINFALL. Total for Month. 30 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 39 hrs.

Daily Range of Temperature at KEW Observatory.



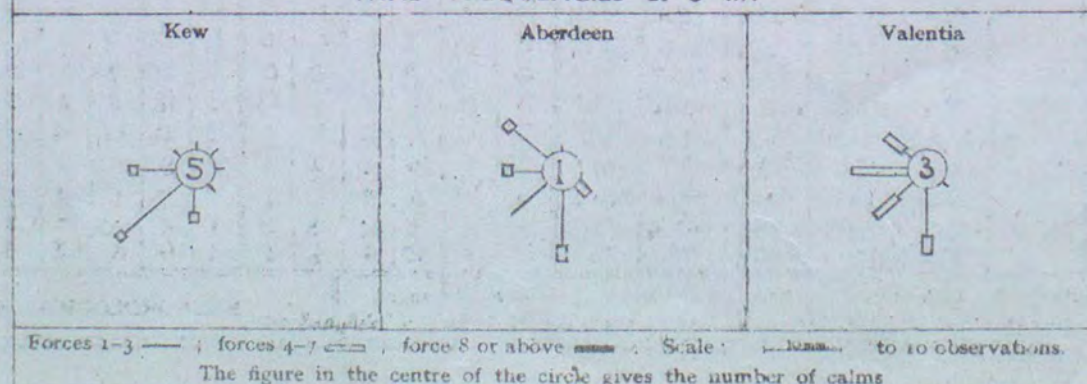
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb 1015.0	mb. +1.3	°F 37.3	°F. -4.1
Aberdeen	1007.8	+0.9	39.0	-1.1
Valentia	1014.7	+4.0	45.9	-0.2

\* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 16 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.

	mi.
Kew	5394
Aberdeen	5987
Lerwick	13851
Valentia	



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

DISTRICT.	STATIONS.	↑ TEMPERATURE.												LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																					
		Number of daily readings within fixed limits.												Extremes—Warmest and Coldest.						Number of observations within fixed limits.						Number of observations within fixed limits.															
		Maximum.						Average Maximum.	Minimum.						Average Minimum.	Days		Nights.		Number of Ground Frosts.	6 h.		12 h.		18 h.		6 h.					12 h.									
		32° or below	33° - 41°	42° - 50°	51° - 59°	60° - 68°	23° or below		24° - 32°	33° - 41°	42° - 50°	51° - 59°	Highest Max.	Lowest Max.		Highest Min.	Lowest Min.	Below 1,000 ft.	1,000-5,000 ft.		5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.				
1	London ... (Kew Obsy).	4	8	16	3	0	44.8	0	12	13	6	0	38.0	55	3	29	29	48	2	24	30	17	3	17	0	3	18	1	7	18	0	1	3	5	4	2	2	3	4	4	3
	Croydon ...	5	7	15	4	0	44.4	3	10	11	7	0	37.5	54	3	28	27	48	17	21	29	15	10	12	0	11	13	0	8	12	0	1	4	4	3	2	3	1	5	4	2
	Thorney Island	0	8	18	5	0	46.3	0	11	13	7	0	38.8	54	3	33	27	48	2	24	27	16	3	15	1	6	16	1	2	15	2	0	1	3	4	2	0	3	0	2	6
	Lympne ...	1	14	15	1	0	43.4	1	14	10	6	0	36.3	52	3	23	20	47	17	22	28	18	6	11	0	13	11	0	9	11	0	0	2	6	4	3	0	1	4	2	9
	Shoeburyness...	1	10	16	4	0	44.7	0	11	15	5	0	36.1	54	3	30	27	49	2	25	28	14	3	17	0	5	16	0	6	12	0	0	3	1	5	4	1	0	3	5	7
	Gorleston ...	1	11	17	2	0	44.1	1	6	19	5	0	37.6	53	3	32	26	49	2	22	27	15	6	17	0	6	23	1	6	16	1	0	2	1	1	11	1	4	1	2	10
	Cranwell ...	0	15	14	2	0	42.7	1	14	14	2	0	35.2	54	17	33	25	42	23	20	27	17	7	15	0	8	13	0	10	11	0	0	2	6	8	4	3	1	4	8	5
3	Birmingham ... (Edgbaston)	1	14	14	2	0	42.6	2	5	17	7	0	36.3	54	3	30	25	46	1	21	27	11	6	15	0	10	17	0	7	14	0	0	3	3	3	12	1	2	3	12	7
4	Ross-on-Wye...	3	8	18	2	0	44.7	3	5	17	6	0	37.3	56	3	28	25	48	17	20	27	*	4	21	0	6	20	0	5	23	0	0	3	4	0	15	0	2	8	1	14
5	The Lizard ...	0	0	21	10	0	*	0	0	14	15	2	*	52	16,17,18,20	44	25	52	17	33	26	*	2	28	0	1	23	0	2	28	0	0	0	0	19	0	0	0	2	20	
7	Holyhead (Valley)	0	0	27	4	0	46.9	0	3	11	17	0	42.5	53	6	43	11	48	1	28	23	4	1	25	0	7	23	0	4	25	0	0	0	1	1	22	0	0	0	1	23
8	Hawarden †	1	8	17	5	0	45.2	1	9	17	4	0	37.1	57	22	23	23	49	1	19	23	16	3	19	0	1	24	0	3	23	0	0	2	6	3	14	0	0	0	11	11
10	Tynemouth ...	0	14	15	2	0	44.4	0	3	24	4	0	38.4	53	1	36	11	49	1	30	23	9	0	20	0	0	27	0	0	24	0	0	0	1	2	9	0	1	3	3	2
11	Leuchars ...	0	14	14	3	0	43.5	0	7	19	5	0	35.6	53	1	35	10	48	1	23	14	16	2	22	0	0	28	0	0	26	0	0	0	0	17	0	0	0	0	16	
12	Renfrew ...	1	7	20	3	0	43.6	0	6	18	7	0	35.8	53	22	30	31	47	1	25	13	11	1	25	0	3	27	0	2	26	0	0	0	1	0	13	0	0	4	1	13
	Eskdalemuir ...	1	17	12	1	0	40.7	2	14	13	2	0	33.5	52	22	30	13	44	1	20	23	14	10	20	0	3	22	0	12	18	0	0	0	1	2	21	0	0	2	1	22
13B	Stornoway ...	0	10	20	1	0	44.3	0	5	16	10	0	38.5	52	22	38	10	48	22	28	11	10	3	27	0	5	24	0	1	23	0	0	0	0	27	0	0	0	0	27	
15	Aberdeen ...	0	12	18	1	0	43.4	0	9	16	6	0	36.9	52	1	34	10	47	1	28	7	5	1	26	0	3	26	2	4	22	0	0	0	1	22	0	0	2	1	11	
18	Aldergrove ...	0	10	20	1	0	43.9	0	5	18	8	0	36.7	51	1	38	7	46	20	28	28	6	9	15	1	13	17	1	8	22	0	1	0	1	0	12	0	2	1	0	19
19	Birr Castle ...	0	2	24	5	0	45.8	0	4	17	10	0	37.8	53	1	39	7	49	22	26	23	6	3	24	0	3	25	0	2	22	0	0	0	0	31	0	0	0	0	31	
20	Valentia ... (Cahirciveen)	0	0	24	7	0	43.1	0	1	10	20	0	43.0	54	3	44	28	49	20	31	28	3	5	26	0	7	24	0	8	22	0	0	0	1	0	24	0	0	0	1	24

## UPPER AIR TEMPERATURE.

## UPPER WINDS.

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

		BIRCHAM NEWTON (..... Reports)		* ALDERGROVE (22.. Reports)		St. Mary's (.....)		LARKMILL (..31..)		DOWNHAM MARKET (..31..)		LIVER- POOL (..31..)		LERWICK (..31..)		VALENTIA (..31..)		LARKHILL (..31 Reports)						DOWNHAM MARKET (31. Reports)						LIVERPOOL (31 Reports)						LERWICK (31. Reports)																						
Pressure mb.	Mean 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.	Mean Temp. °F.	Mean Temp. °F.	0 to 10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60	61 to 70	71 to 80	> 80	0 to 10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60	61 to 70	71 to 80	> 80	0 to 10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60	61 to 70	71 to 80	> 80	0 to 10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60	61 to 70	71 to 80	> 80	0 to 10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60	61 to 70	71 to 80	> 80	Pressure mb.
Surf.				-	42.8			37.2	34.9	39.2	38.8	47.0	23	7	1	0	0	0	0	0	0	0	28	3	0	0	0	0	0	25	6	0	0	0	0	12	15	4	0	0	0	Surf.																
900	3,240	34.9		-	33.4			35.2	33.8	33.2	30.6	36.0	5	18	8	0	0	0	0	0	0	3	20	7	1	0	0	0	6	10	10	1	0	0	5	12	13	1	0	0	0	900																
800	6,390	28.2		-	26.2			27.0	24.6	25.6	20.7	28.7	4	17	8	2	0	0	0	0	0	2	20	7	2	0	0	0	4	12	9	2	0	0	1	15	15	0	0	0	0	800																
700	9,376	18.5		-	16.2			12.3	14.9	15.4	10.6	17.5	3	14	11	3	0	0	0	0	0	3	18	8	2	0	0	0	1	13	10	4	0	0	2	15	14	0	0	0	0	700																
600	13,792	5.5		-	2.3			4.8	1.9	1.8	-4.3	5.5	2	12	13	2	1	1	1	1	1	3	11	12	4	1	0	2	8	12	6	0	0	5	14	7	5	0	0	0	600																	
500	18,278	-10.8		-	-13.8			-10.7	-14.0	-13.8	-13.7	-10.9	2	6	14	6	2	1	1	1	1	1	9	12	6	2	1	1	6	11	6	1	3	4	13	6	4	3	1	500																		
400	23,561	-		-	-36.3			-31.6	-35.1	-35.3	-40.6	-31.2	1	7	10	5	6	2	1	1	1	7	11	4	4	4	2	7	4	10	2	2	0	14	6	3	3	4	400																			
300	30,049	-		-	-59.7			-56.8	-59.5	-59.7	-62.4	-56.0	0	4	7	11	5	3	1	1	1	4	10	7	4	5	1	6	3	11	4	1	3	9	5	3	4	4	300																			
200	38,640	-		-	-78.7			-80.1	-79.3	-80.4	-77.0	-73.5	1	4	10	4	6	3	1	1	1	6	8	8	4	2	1	3	0	10	2	1	3	7	7	4	3	2	200																			

The readings used are the maximum for the period 6 h - 18 h and the minimum for the period 18 h - 6 h. Averages

are for periods 7 h - 18 h and 18 h - 7 h, and are based on data covering at least 10 years (see M.O. 364) \* Ballyhalbert

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

NELSON K. JOHNSON, K.C.B., D.Sc., Director



# SUNSHINE, RAINFALL, AND HUMIDITY

December 1944.

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.	First year of record.	Highest. Year.							Lowest. Year.	0, trace or 0.1 mm.	0.2—1 mm.	1.1—5 mm.	5.1—15 mm.	15.1—25 mm.	Above 25 mm.	mm.	Date.			mm.	min.	mm.	mm.	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 %	10 to 19 %
London (Kew) ...	0	7	3	3	3	3	0	0	0	0
Ross-on-Wye ...	1	7	5	9	7	2	0	0	0	0
Falmouth (Obsy.)	2	4	14	8	2	1	0	0	0	0
Renfrew	0	0	15	13	3	0	0	0	0	0
Eskdalemuir	0	3	16	6	6	0	0	0	0	0
Aberdeen	0	1	7	10	13	0	0	0	0	0
Valentia	0	8	7	7	7	2	0	0	0	0

## STATE OF GROUND AT 18 h.

No. of Days each Type was Recorded

STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)...	0	24	0	7	0	0	0	0	0	0	0 Dry.
Ross-on-Wye ...	0	29	0	2	0	0	0	0	0	0	1 Wet.
Renfrew	0	26	0	4	1	0	0	0	0	0	2 Flooded.
Eskdalemuir	0	13	1	4	1	0	1	4	1	6	3 Frozen hard and dry
Aberdeen	0	24	1	4	1	0	0	0	1	0	4 Partly covered with snow or hail.
Valentia	0	28	3	0	0	0	0	0	0	0	5 Covered with ice or glazed frost
											6 Covered with thawing snow
											7 Covered with snow, less than 6 in., but ground not frozen
											8 Covered with snow, less than 6 in., and ground frozen
											9 Covered with snow, greater than 6 in. deep.

\*\* The extremes and average of rainfall are supplemented by records from neighbouring stations

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

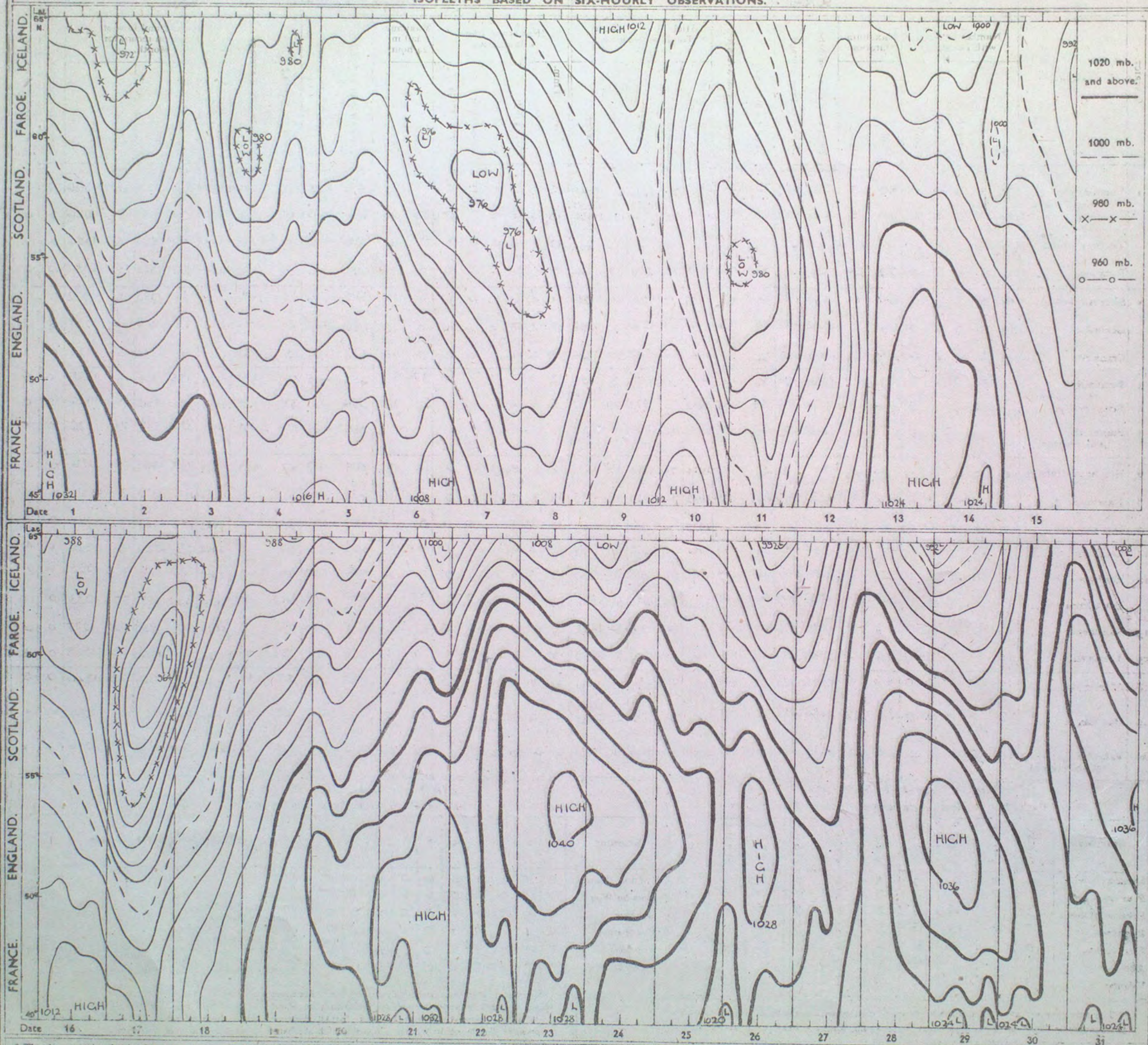
‡ Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.



## PRESSURE: ICELAND TO GULF OF LIONS

December 1944.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.

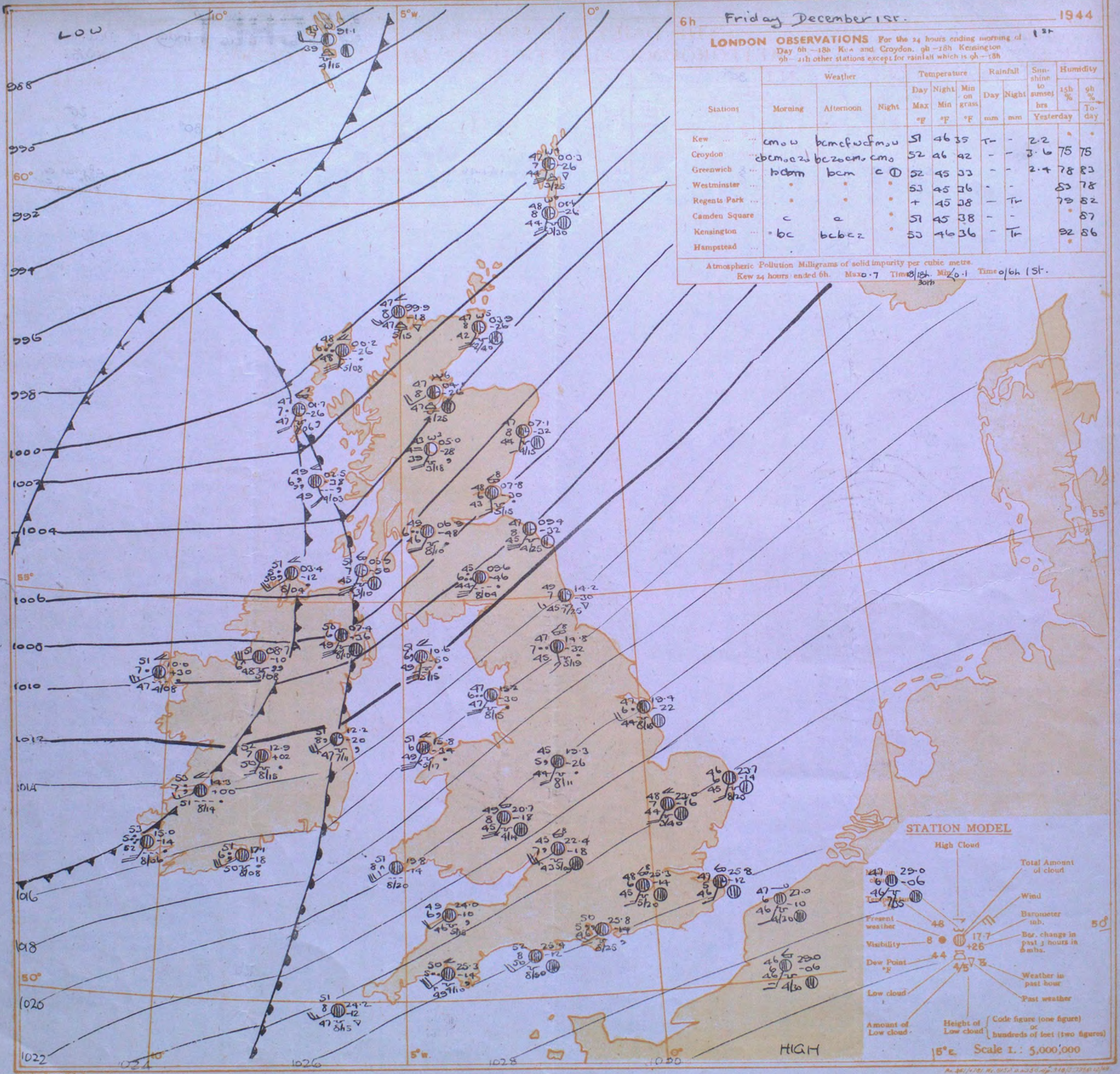


\* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 0h, 6h, 12h, and 18h, are plotted consecutively and joined to show the variation of pressure from day 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.



PAST 24 HOURS



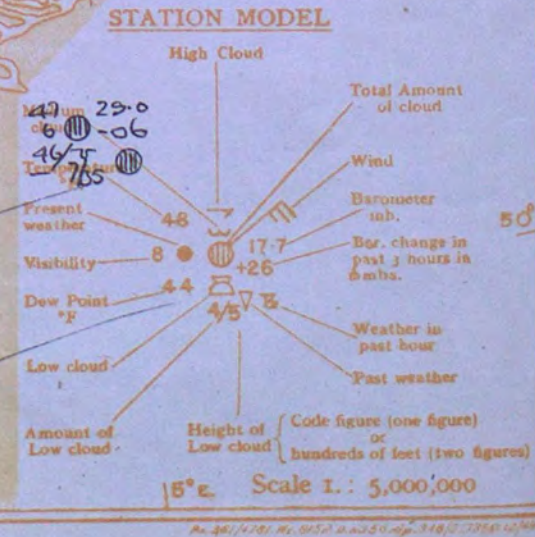


6h Friday December 1st. 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of Day 6h-18h Kew and Croydon. 9h-18h Kensington 9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs Yesterday	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		15h %	9h % To-day
Kew	cmou	bc mcfwcfmou		51	46	35	Tr	-	2.2		
Croydon	bc mcfwcfmou	bc mcfwcfmou	cmo	52	46	42	-	-	3.6	75	75
Greenwich	bc mcfwcfmou	bc mcfwcfmou	c	52	45	33	-	-	2.4	78	83
Westminster				53	45	36	-	-		83	78
Regents Park				+	45	38	-	Tr		79	82
Camden Square	c	a		51	45	38	-	-			87
Kensington	bc	bc mcfwcfmou		53	46	36	-	Tr		92	86
Hampstead											

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.7 Time 18h. Min 0.1 Time 0/6h 1st.





# GENERAL INFERENCE

A deep depression off West Iceland is moving SE but will turn E. Small secondary disturbances will move NE across the British Isles. Weather will be mainly cloudy with periods of rain mainly in districts North of latitude 53 and with only slight local drizzle further South. It will be generally rather cold.

# FURTHER OUTLOOK

Colder, Showery. NW'y type spreading across British Isles.  
 \* Gale warning in operation in districts 5, 6, 7, 8, 12, 13, A, 13B, 15, 16, 17, 18.  
 Time of issue 1737 30th November, 0130, 0220 - December 1st, 1944.

## Chart of Weather in the Northern Hemisphere.

Morning of  
 Friday 1st December  
 1944.

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

### EXPLANATION OF CHART.

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



OBSERVATIONS at 00hr. G.M.T. 1st December																OBSERVATIONS at 06hr. G.M.T. 1st December																PAST 24 HOURS.									
Divisor.	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.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine Hrs.					
					Dir.	Force.					Form.	Amount.		Height of Base Hundreds of feet.	Dir.			Force.	Form.					Amount.		Height of Base Hundreds of feet.	Max. Day 6h-18h	Min. Night 18h-6h			Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.								
												Low.	Med.											High.	Total.									A.	B.		Low.	Med.	High.	Total.	A.
1	Kew	16	28.5	-6	SSW	3	C	46	44	5					24.8	-16	SSW	3	C	46	43	6	5							52	46	35	Tr	-	3.2						
	Croydon	217	28.5	-6	SSW	3	C	46	44	5					25.3	-14	SSW	3	C	46	43	6	5								52	46	42	-	-	3.6					
	Boscombe Down	417	28.2	-4	SSW	3	C	47	45	7					25.0	-16	SSW	3	C	47	45	6	5								51	44	41	0.1	-	0.0					
	Thorney Island	10	28.5	-6	SSW	2	C	49	47	5					25.8	-14	SSW	2	C	49	46	6	5								52	46	42	-	-	0.0					
	Friston	-																																							
	Lymington	341	28.9	-2	SSW	2	C	45	45	4					26.5	-12	SSW	2	C	45	45	5	5								53	43	33	-	-	3.1					
	Manston	140	28.2	-6	SSW	3	C	45	44	5					25.8	-12	SSW	3	C	45	44	5	5								52	43	40	-	-	2.4					
	North Weald	244	29.0	+4	SSW	3	C	46	45	4					25.0	-14	SSW	3	C	46	45	5	5								51	43	41	-	-	1.4					
	Felixstowe	10	27.0	-6	SSW	2	C	45	45	4					25.9	-14	SSW	2	C	45	45	5	5								51	44	41	-	-	1.4					
	Gorleston	5	25.9	+2	SSW	2	C	44	42	6					23.7	-14	SSW	2	C	44	42	6	5								49	42	39	-	-	1.2					
	Mildenhall	15	26.2	-6	SSW	2	C	46	44	4					23.0	-16	SSW	2	C	46	44	7	5								53	42	37	-	-	2.2					
	Bircham Newton	221	25.7	-16	SSW	3	C	44	42	4					22.1	-16	SSW	3	C	44	42	6	5								48	42	39	-	-	0.0					
	Cranwell	203	23.9	-16	SSW	4	C	47	43	5					10.3	-22	SSW	4	C	47	43	5	5								43	41	34	-	-	0.0					
	Cranfield	340	26.3	-12	SSW	3	C	45	43	6					23.2	-14	SSW	3	C	45	43	5	5								52	45	33	-	-	0.0					
	Honiley	427	25.4	-14	SSW	4	C	47	45	6					21.5	-18	SSW	4	C	47	43	7	5								51	46	42	-	-	0.0					
	Little Rissington	731	26.0	-12	SSW	4	C	45	45	5					22.4	-18	SSW	4	C	45	43	7	5								52	44	41	-	-	0.0					
	Shobden	318	25.4	-14	SSW	3	C	44	43	5					20.7	-18	SSW	3	C	44	43	5	5								52	47	44	-	-	0.0					
	Bristol	209	27.6	-10	SSW	3	C	48	47	6					24.1	-14	SSW	3	C	48	46	6	5								52	46	41	-	-	0.4					
	Chivenor	20	27.4	-10	SSW	4	C	49	45	7					24.0	-10	SSW	4	C	49	46	6	5								52	47	46	-	-	0.0					
	Yeovilton	50	27.9	-8	SSW	2	C	49	46	7					24.5	-18	SSW	2	C	49	45	7	5								53	46	43	-	-	0.0					
	Portland Bill	32	27.9	-4	SSW	2	C	51	49	8					25.4	-12	SSW	2	C	51	50	8	5								52	49	45	-	-	0.0					
	Exeter	100	28.7	-2	SSW	2	C	48	45	6					24.7	-38	SSW	2	C	48	45	7	5								53	47	44	-	-	0.0					
	Plymouth	86	27.0	-8	SSW	3	C	50	46	6					25.3	-14	SSW	3	C	50	46	5	5								53	48	46	-	-	0.4					
	St. Eval	345	26.3	-14	SSW	4	C	48	44	7					24.8	-14	SSW	4	C	48	46	5	5								53	48	44	-	-	0.4					
	The Lizard	240	28.7	-8	SSW	4	C	48	48	7					25.4	-16	SSW	4	C	48	47	6	5								52	48	44	-	-	1.5					
	Scilly, St. Marys	163	27.5	-16	SSW	4	C	49	47	8					24.2	-12	SSW	4	C	49	47	8	5								53	47	45	-	-	2.5					
	Fairwood	268	26.9	-10	SSW	4	C	49	46	8					22.8	-18	SSW	4	C	49	46	6	5								52	47	45	-	-	0.2					
	Pembroke	142	25.1	-12	SSW	6	C	50	49	8					19.8	-44	SSW	6	C	50	48	8	5								52	47	45	-	-	0.0					
	Aberporth	425	25.1	-12	SSW	6	C	50	49	8					20.1	-20	SSW	6	C	50	48	8	5								52	47	45	-	-	0.0					
	Penrhos	63	22.7	-14	SSW	5	C	50	47	7					17.2	-26	SSW	5	C	50	47	7	5								52	47	45	-	-	0.0					
	Holyhead, Valley	32	21.7	-18	SSW	7	C	49	47	7					15.8	-34	SSW	7	C	49	47	7	5								53	48	43	-	-	0.4					
	Hawarden	15	22.8	-20	SSW	4	C	50	44	7					17.2	-24	SSW	4	C	50	44	7	5								54	48	43	-	-	0.4					
	Manchester	230	22.6	-16	SSW	5	C	48	43	7					17.3	-22	SSW	5	C	48	43	7	5								50	44	41	-	-	0.6					
	Squires Gate	30	21.2	-24	SSW	5	C	49	44	7					15.2	-30	SSW	5	C	49	44	7	5								51	46	41	-	-	0.1					
	Silloth	25	17.8	-28	SSW	5	C	48	47	6					11.0	-40	SSW	5	C	48	47	6	5								49	47	46	-	-	0.8					
	Ashbourne	590	24.2	-14	SSW	3	C	45	43	6					19.3	-26	SSW	3	C	45	43	5	5								48	44	41	-	-	0.0					



OBSERVATIONS at 12h. G.M.T. December 1st																	OBSERVATIONS at 18h. G.M.T. December 1st																	PAST 24 HOURS									
District	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility (8)	Cloud.				Height of Base Hundreds of feet. A. B. (15) (16)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (°F) (22)	Dew Point (°F) (23)	Visibility (24)	Cloud.				Height of Base Hundreds of feet. A. B. (31) (32)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.													
				Direc.	Force.					Form.	Amount.						Direc.	Force.					Form.	Amount.						06h.-12h.	12h.-18h.	18h.1...to 00h.2....	00h.-06h. 2....										
											Low.	Med.	High.											Total.	A.	B.								Low.	Med.	High.	Total.	A.	B.	A.	B.	A.	B.
(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)	(41)	(42)	(43)	(44)														
1	Kew ...	22.6	-1.6	SW	4	20	51	45	6	-	-	-	-	22.1	-1.8	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	10. cm. v	cm. id. m.	cm. id. m.	cm. id. m.								
	Croydon ...	22.3	-2.0	S	4	20	51	45	7	-	-	-	-	22.0	-2.0	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.								
	Boscombe Down	22.8	-1.8	SW	4	20	51	45	7	-	-	-	-	22.0	-2.0	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.								
	Thorney Island	24.0	-1.0	SW	4	20	51	45	7	-	-	-	-	20.2	-1.6	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.								
	Friston ...																																										
	Lympne ...	24.4	-3.2	SW	4	20	51	45	7	-	-	-	-	21.1	-1.0	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.								
	Manston ...	24.0	-1.4	SW	5	20	51	45	7	-	-	-	-	20.4	-2.0	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.								
2	North Weald	22.0	-1.4	SW	4	20	51	45	7	-	-	-	-	17.9	-1.6	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.								
	Felixstowe ...	22.4	-1.0	SW	4	20	51	45	7	-	-	-	-	19.1	-1.4	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Corlestone ...	20.6	0	SW	4	20	51	45	7	-	-	-	-	16.8	-1.4	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Mildenhall	19.9	-1.6	SW	4	20	51	45	7	-	-	-	-	15.9	-1.4	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Bircham Newton	18.3	-2.0	SW	6	20	51	45	7	-	-	-	-	14.7	-1.8	SW	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Cranwell ...	16.9	-1.2	SW	6	20	51	45	7	-	-	-	-	12.1	-2.0	SW	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
3	Cranfield ...	20.1	-1.2	SW	5	20	51	45	7	-	-	-	-	15.8	-2.0	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Honiley ...	18.1	-1.6	SW	6	20	51	45	7	-	-	-	-	14.4	-1.6	SW	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
4	Little Rissington	19.6	-1.8	SW	5	20	51	45	7	-	-	-	-	15.6	-1.6	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Shobden ...	18.3	-1.6	SW	5	20	51	45	7	-	-	-	-	13.4	-1.8	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
5	Bristol ...	21.3	-2.2	SW	5	20	51	45	7	-	-	-	-	17.4	-1.4	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Chivenor ...	21.3	-1.4	SW	4	20	51	45	7	-	-	-	-	17.3	-1.8	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Yeovilton ...	22.1	-2.0	SW	4	20	51	45	7	-	-	-	-	17.8	-2.2	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Portland Bill	23.6	-1.8	S	5	20	51	45	7	-	-	-	-	19.5	-1.6	S	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Exeter ...	22.4	-2.0	SW	4	20	51	45	7	-	-	-	-	18.6	-1.8	SW	4	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Plymouth ...	23.3	-1.8	SW	5	20	51	45	7	-	-	-	-	18.6	-1.2	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	St. Eval ...	21.9	-2.2	SW	5	20	51	45	7	-	-	-	-	18.1	-2.2	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	The Lizard	23.3	-1.0	SW	5	20	51	45	7	-	-	-	-	16.6	-1.4	SW	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
6	Scilly, St. Marys	21.6	-1.8	SW	6	20	51	45	7	-	-	-	-	17.4	-2.0	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Fairwood ...	20.0	-1.4	SW	4	20	51	45	7	-	-	-	-	15.0	-2.2	SW	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Pembroke ...	18.4	-1.2	W	8	20	51	45	7	-	-	-	-	13.1	-1.2	W	9	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Aberporth ...	17.2	-1.8	SW	8	20	51	45	7	-	-	-	-	12.3	-1.8	SW	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
7	Penrhos ...	14.2	-2.2	SW	5	20	51	45	7	-	-	-	-	08.1	-1.8	UNW	7	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Holyhead, Valley	13.7	-2.2	SW	8	20	51	45	7	-	-	-	-	06.8	-2.2	SW	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Howarden ...	14.4	-1.4	SW	5	20	51	45	7	-	-	-	-	08.6	-2.6	S	5	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Manchester	14.5	-1.2	SSW	5	20	51	45	7	-	-	-	-	08.8	-2.0	SSW	7	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Squires Gate	12.8	-1.2	SW	5	20	51	45	7	-	-	-	-	06.2	-2.6	SW	6	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
	Silloth ...	09.3	-1.4	SSW	4	20	51	45	7	-	-	-	-	02.2	-2.4	SSW	2	id.	48	46	6	-	-	-	-	-	-	-	-	-	-	-	cm. v	cm. id. m.	cm. id. m.	cm. id. m.							
9	Ashbourne ...	16.4	-1.0	SSW	4	20	51	45	7	-	-	-	-	td																													

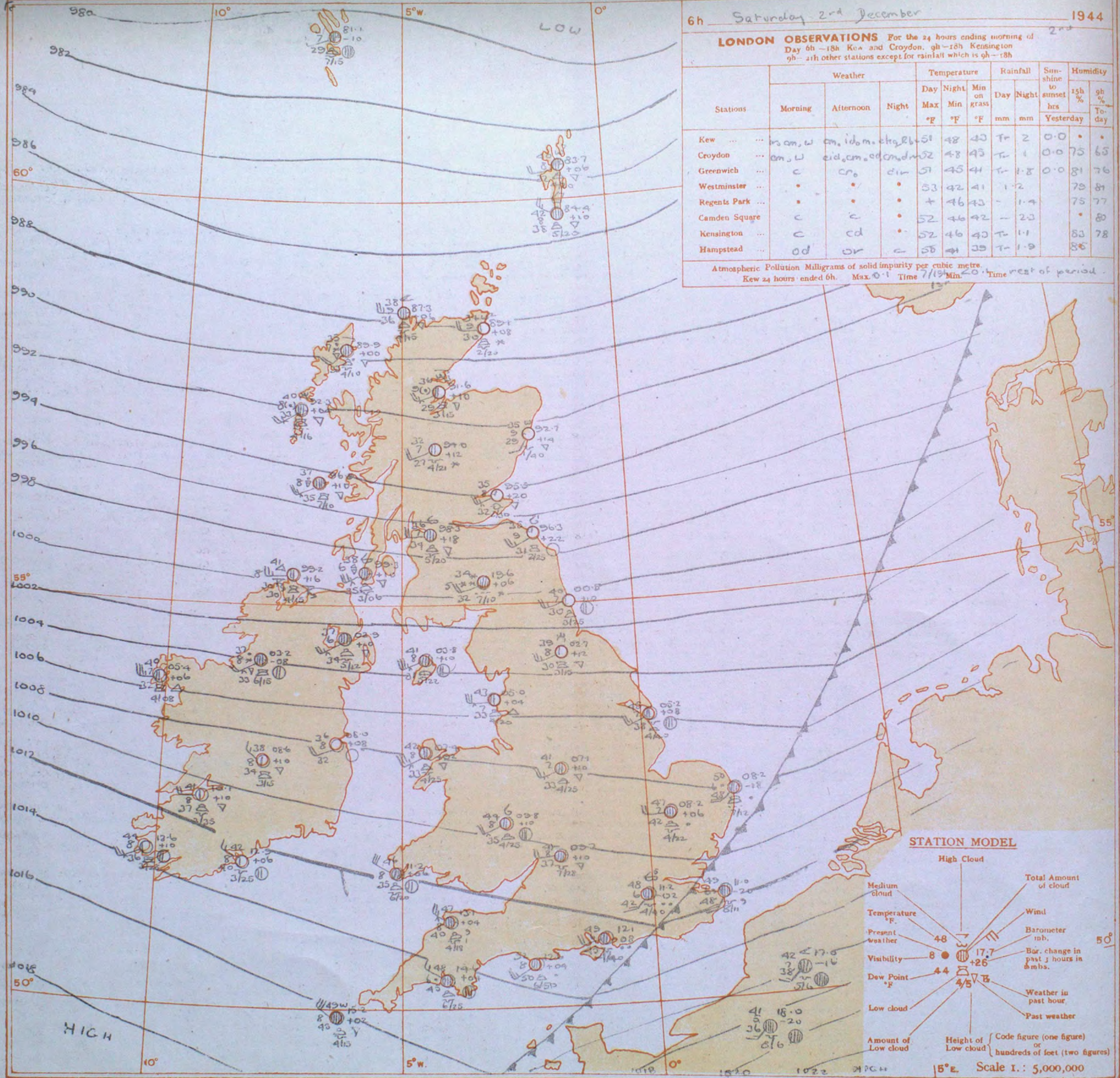


6h Saturday 2nd December 1944

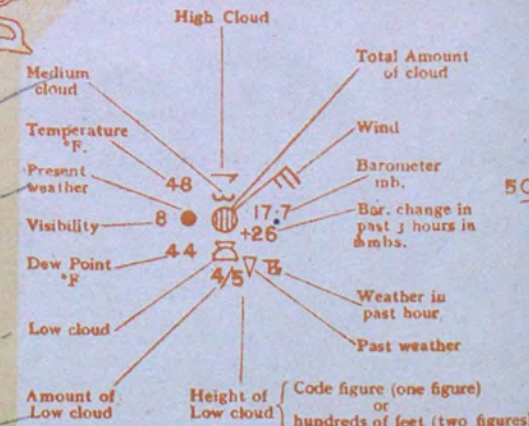
**LONDON OBSERVATIONS** For the 24 hours ending morning of  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		Yesterday	To-day
Kew	bc, w	bc, id, m, ch, g, b, l	51	48	43	41	1.2	0.0	0.0	75	65
Croydon	bc, w	bc, id, m, ch, g, b, l	52	48	43	41	1.2	0.0	0.0	75	65
Greenwich	c	cr, o	cl, n	51	45	41	1.2	0.0	0.0	81	76
Westminster	.	.	.	53	42	41	1.2	0.0	0.0	79	81
Regents Park	.	.	.	+	46	43	1.4	0.0	0.0	75	77
Camden Square	c	c	.	52	46	42	2.3	0.0	0.0	80	80
Kensington	c	cd	.	52	46	43	1.1	0.0	0.0	83	78
Hampstead	od	or	c	50	41	39	1.9	0.0	0.0	86	86

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.1 Time 7/13/20.1 Time rest of period.



**STATION MODEL**



Scale 1: 5,000,000



# GENERAL INFERENCE

A cold stream of cold air will cover the British Isles during the period. There will be showers in West and North of the country and these will be wintry on high ground; there will be thunder locally. Rainy fair or fine conditions are expected in sheltered eastern districts and in the midlands but scattered showers may penetrate across the North. It will be cold or very cold in the North, rather cold or cold in the South; ground frost is likely tonight in many districts with slight air frost locally. There will be strong or gale force Wly winds in West and North moderating slowly.

# FURTHER OUTLOOK

More general cloud with some rain spreading across British Isles but rainfall amounts probably small in South.

↓ Gale warning in operation in districts 6, 7, 8, 10, 11, 12, 13A, 13B, 14, 15, 16, 17, 18.  
Time of issue  
1737 G.M.T. on 30th November - 0130, 0220, 1620 on 1st December 1944.

## Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 2nd December

1944.

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

Statute Miles 0 1 2 3 4 500

### EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

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





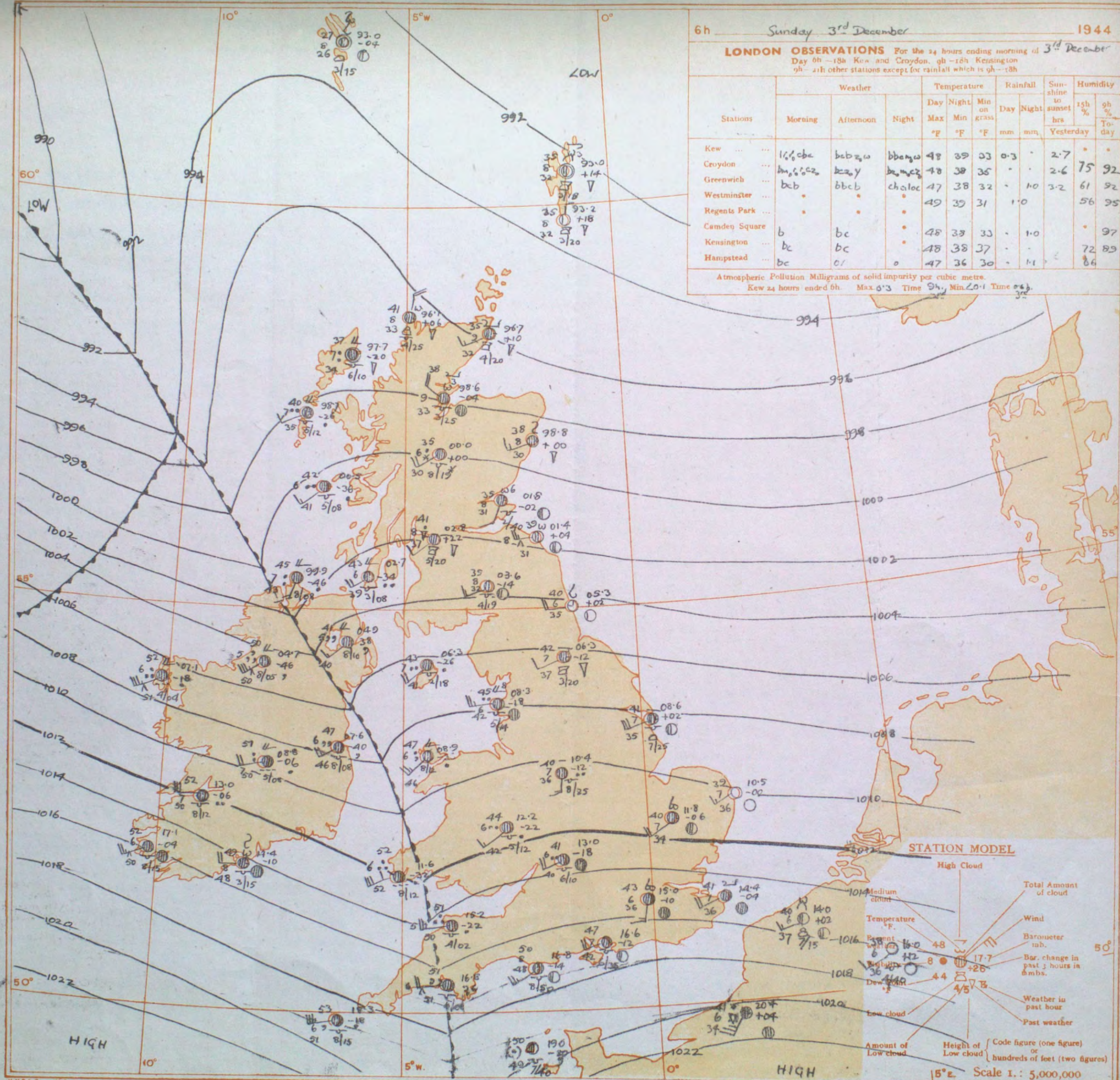


BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

OBSERVATIONS at 12h. G.M.T. December 2nd																	OBSERVATIONS at 18h. G.M.T. December 2nd																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																									
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 (25)	State of Ground. (34)	Sea, 0-9 (35)	WEATHER.																																																																																																																																																																																																																																																																																																																																																													
				Dir.	Force					Form.	Med.	High.	Total.				Low.	B.					Dir.	Force	Form.	Med.				High.	Total.	A.	B.	A.	B.	A.	B.																																																																																																																																																																																																																																																																																																																																																						
																																						A.	B.	A.	B.	A.	B.	A.	B.	A.	B.																																																																																																																																																																																																																																																																																																																																												
																																																A.	B.	A.	B.	A.	B.	A.	B.	A.	B.																																																																																																																																																																																																																																																																																																																																		
1	Kew Croydon Boscombe Down Thorney Island Friston	12.4 13.2 13.9 13.9	+4 +6 +24 +2	W/N S S WSW	4 4 4 4	c-bc c-bc b c-bc	47 46 41 43	39 39 39 40	7 6 7 7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	28 28 28 28	13.4 14.0 15.2 15.4	+4 +14 +16 +12	W W W W	3 4 5 3	20 20 20 20	43 41 39 42	34 33 36 37	6 6 7 6	0 0 2 1	0 0 1 1	0 0 1 1	0 0 16 25	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1



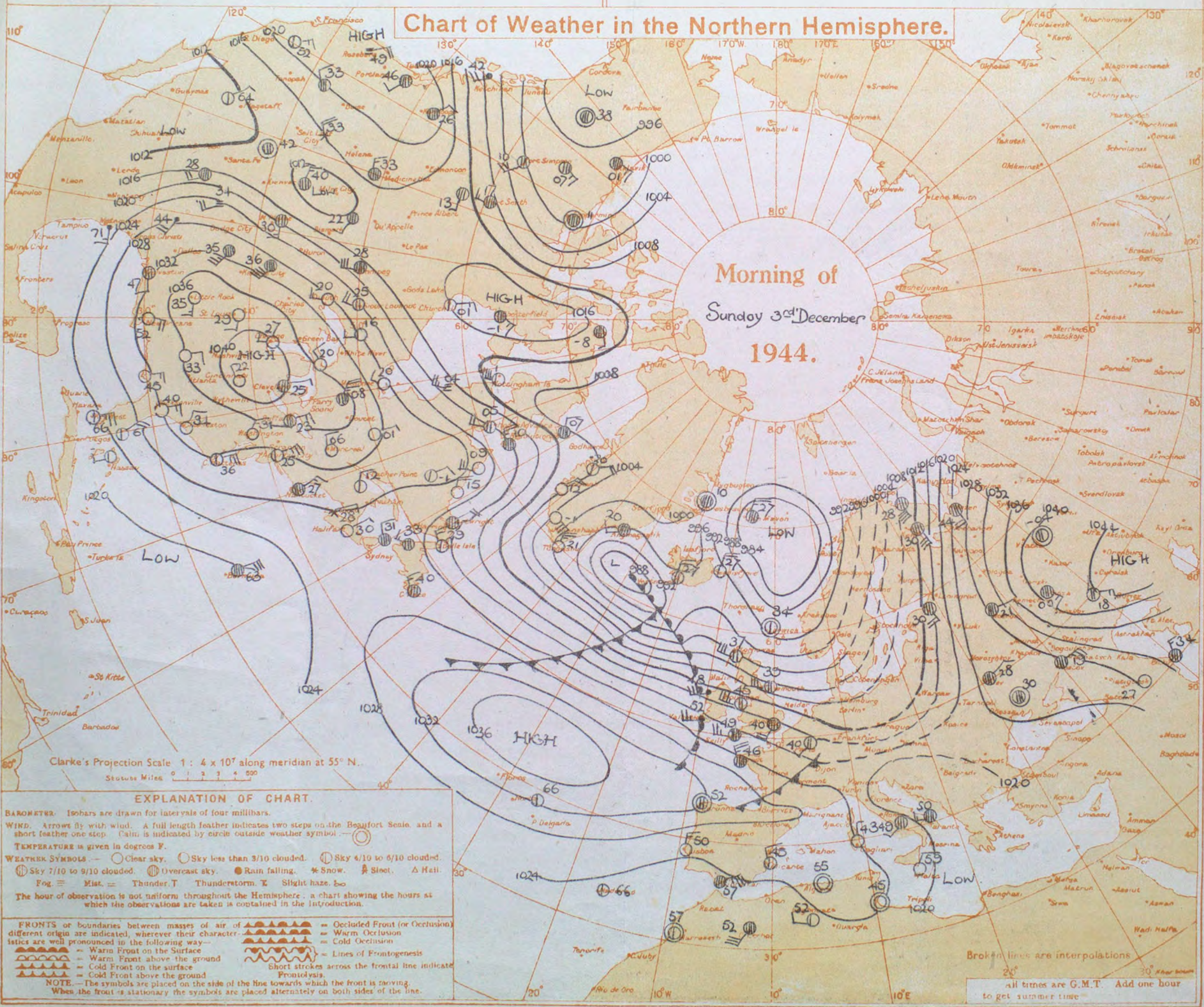




**GENERAL INFERENCE**  
 A depression southwest of Iceland is moving East-southeast or southeast; associated troughs will cross the country; it will be mainly cloudy with some rain over much of the country at first, but an improvement to showery conditions will occur later; it will be cold in the North, mild in the South becoming rather cold later; winds will be mainly westerly, strong to gale force in most districts except perhaps east and northeast Scotland.

**FURTHER OUTLOOK**  
 Showery in most areas; colder.

↓ Gale warning in operation all districts.





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

Sunday 3rd December 1944

No. 30927

OBSERVATIONS at 00hr. G.M.T. 3rd December

OBSERVATIONS at 06hr. G.M.T. 3rd December

PAST 24 HOURS.

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.	Sea.	TEMPERATURE.			RAINFALL.		Sun- shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					Dir.	Force				Form.	Amount.			Height of Base Hundreds of feet.	Dir.			Force.	Form.				Amount.			Height of Base Hundreds of feet.	Dir.	Force.			Form.	Amount.			Max. Day 6h-18h		Min. Night 18h-6h	Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
											Low.	Med.	High.			Total.						A.	B.	A.	B.							A.	B.	A.							B.	A.	B.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
																																												0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1	Kew	16						40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								



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



6h

Monday 4th December

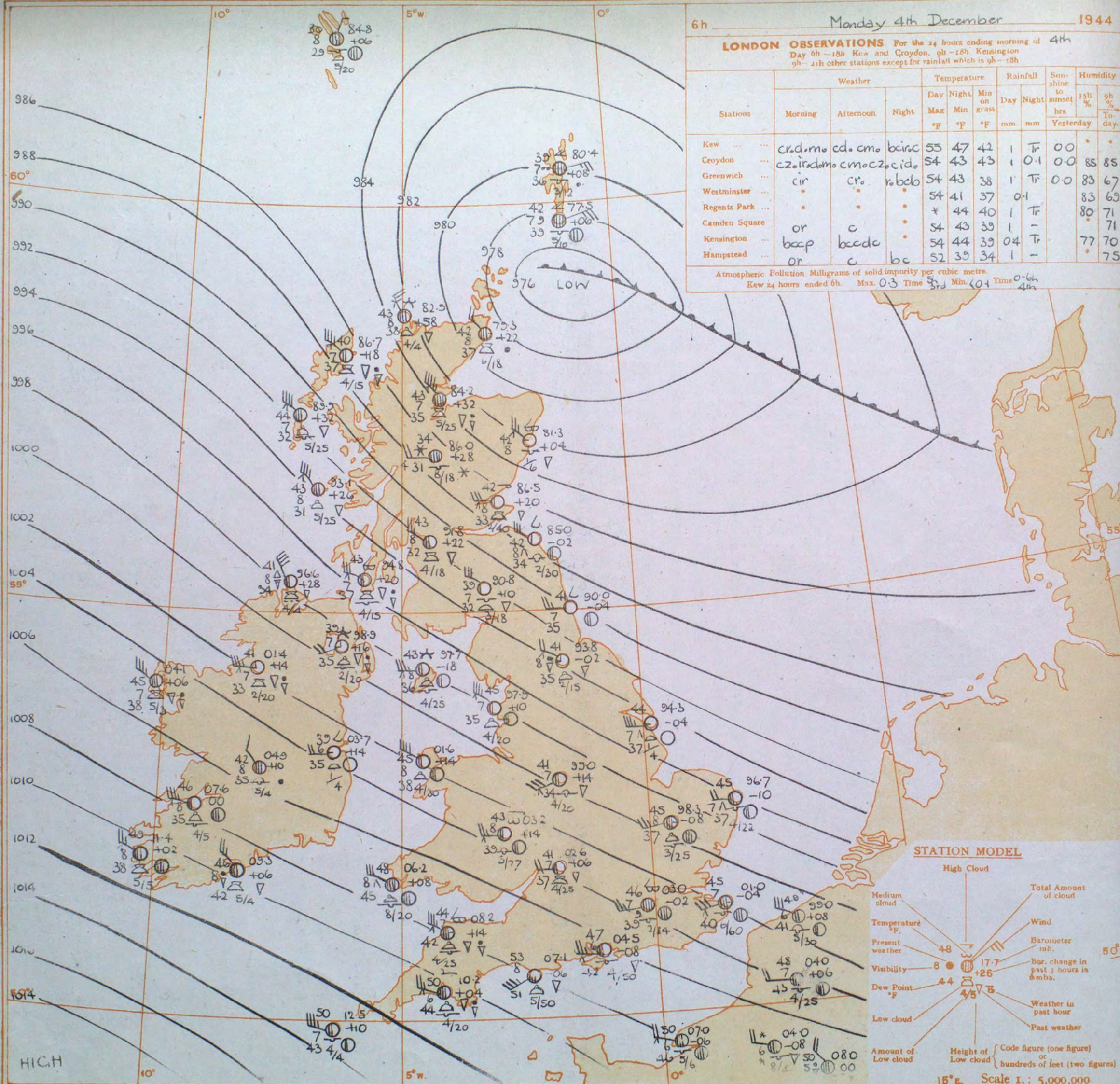
1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 4th  
 Day 6h-18h Kew and Croydon. 9h-18h Kensington  
 9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max	Min		mm	mm		Yesterday	To-day
				°F	°F	°F	mm	mm			
Kew ... ..	cr.d.mo	cd.cmo	bcinc	55	47	42	1	Tr	00	*	*
Croydon ...	cz.iradmo	cmoc2	cido	54	43	43	1	0.1	0.0	85	85
Greenwich ...	cr	cr	rbclb	54	43	38	1	Tr	0.0	83	67
Westminster ...	.	.	.	54	41	37	0.1	Tr		83	69
Regents Park ...	.	.	.	*	44	40	1	Tr		80	71
Camden Square	or	c	.	54	43	39	1	-			71
Kensington ...	bacp	bacdc	.	54	44	39	04	Tr		77	70
Hampstead ...	or	c	bc	52	39	34	1	-		*	75

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.3 Time 8.30 Min. 0.1 Time 0-6h 4h





# GENERAL INFERENCE

A depression off Northeast Scotland is moving east-southeast and another near Iceland is almost stationary. An anticyclone centered north of the Azores is also almost stationary. Weather will be of a showery type over the British Isles with showers most frequent in the North and West, and only very scattered in the East and Southeast, where long bright periods will occur. Hail and thunder will accompany the showers locally. It will be cold generally.

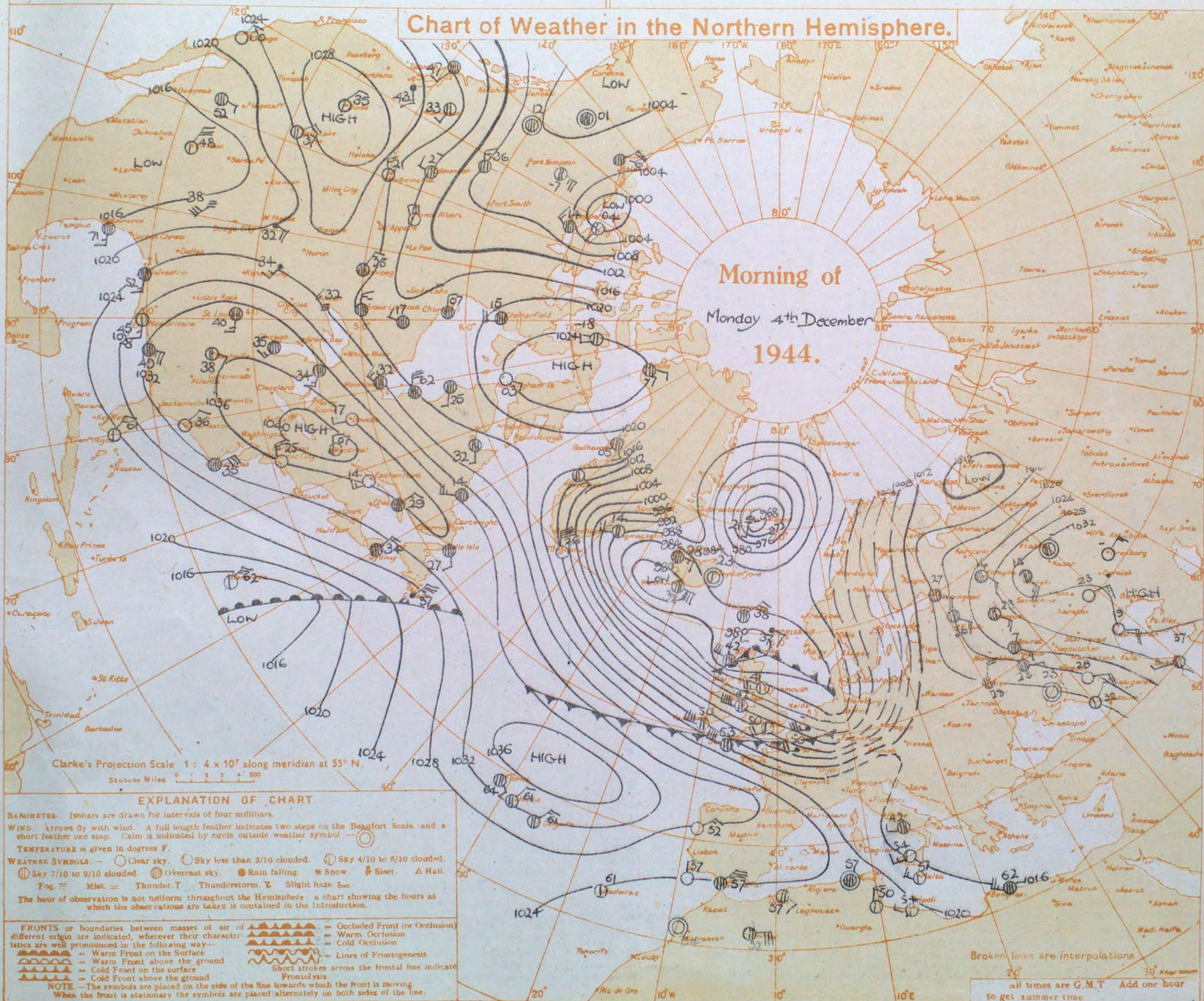
# FURTHER OUTLOOK

Similar

Gale warning in operation in all districts. Times of Issue 1737 GMT 30. Nov. 1944. 0139 0220 + 1620 GMT. 1. Dec. 1944. 0020, and 0645 GMT. 3. Dec. 1944.

# Chart of Weather in the Northern Hemisphere.

Morning of  
Monday 4th December  
1944.





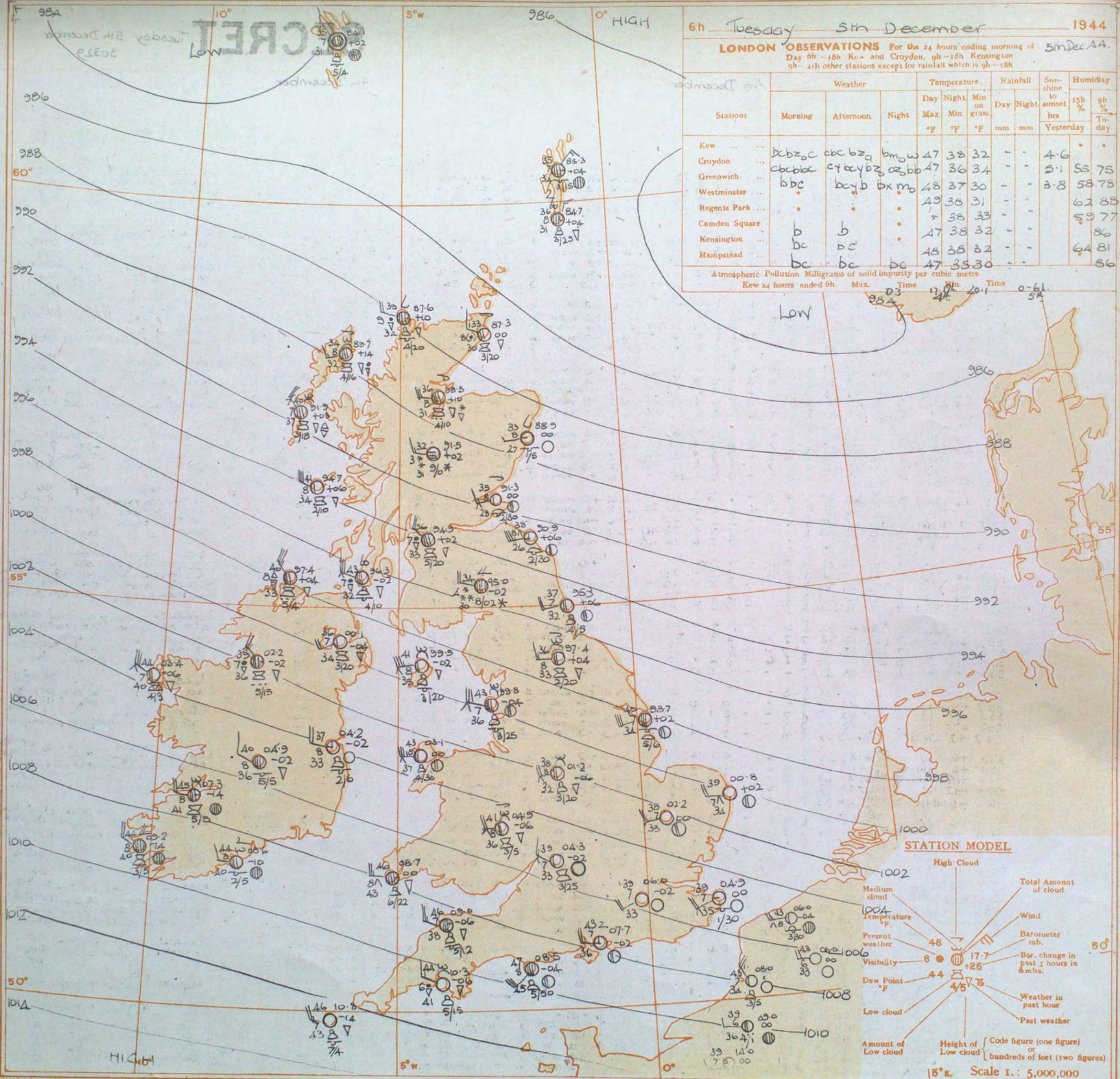
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).		Columns 13, 14, 15, 16, 29, 30, 31, 32.	* Information not usually received
0 = Nil	2 = $\frac{1}{10}$	A = Lowest cloud present.	† oth. Observations from Dyce.
1 = Trace	3 = $\frac{1}{4}$	B = Next lowest cloud.	§ Sea disturbance reported from Dungeness.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



PAST 24 HOURS

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



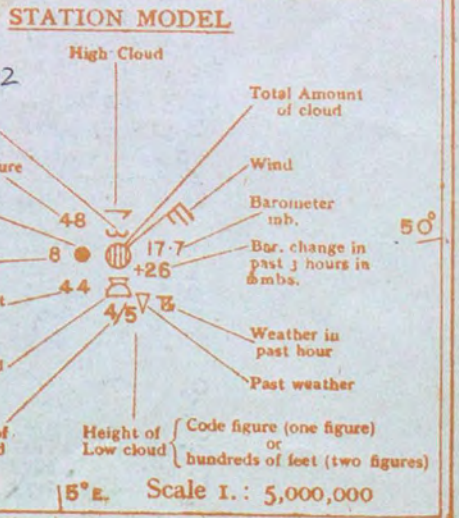


6h Tuesday 5th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 5th Dec 44.  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		13h %	9h % To-day
Kew	bc bz oc	bc bz oc	bm ow	47	38	32	-	-	4.6	-	-
Croydon	bc bz oc	cy bz bz	oz bb	47	36	34	-	-	5.1	55	75
Greenwich	bbc	bc bz	bx mo	48	37	30	-	-	3.8	58	78
Westminster	.	.	.	49	38	31	-	-	-	62	88
Regents Park	.	.	.	*	38	33	-	-	-	59	77
Camden Square	b	b	.	47	38	32	-	-	-	-	86
Kensington	bc	bc	.	48	38	32	-	-	-	64	81
Hampstead	bc	bc	bc	47	35	30	-	-	-	-	86

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. Time 03.17 Min. Time 17.41. 0-61.5A





# GENERAL INFERENCE

Pressure will remain low in a belt lying E-W to the North of the British Isles and an anticyclone centred North of the Azores will persist. A secondary depression centred WSW of Ireland will move very rapidly E by S. There will be occasional showers in the NW & N of the British Isles with local hail and thunder, but in the E and SE weather will be mainly fine with only very isolated showers. Rain associated with the secondary will spread across Southern England and some local sleet or snow may occur in SE England. Later there will be a return to showery conditions in the SW and to mainly fine weather in the SE. It will be generally cold or rather cold.

# FURTHER OUTLOOK

NW'y type with showers in N and W, but considerable bright periods in E and SE.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 5<sup>th</sup> December  
1944.

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

Statute Miles 0 1 2 3 4 500

### EXPLANATION OF CHART.

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

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

**TEMPERATURE** is given in degrees F.

**WEATHER SYMBOLS.** — ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ● Rain falling. \* Snow. \* Sleet. Δ Hail.

Fog = Mist. Thunder. T Thunderstorm. K Slight haze. &.

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

**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



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



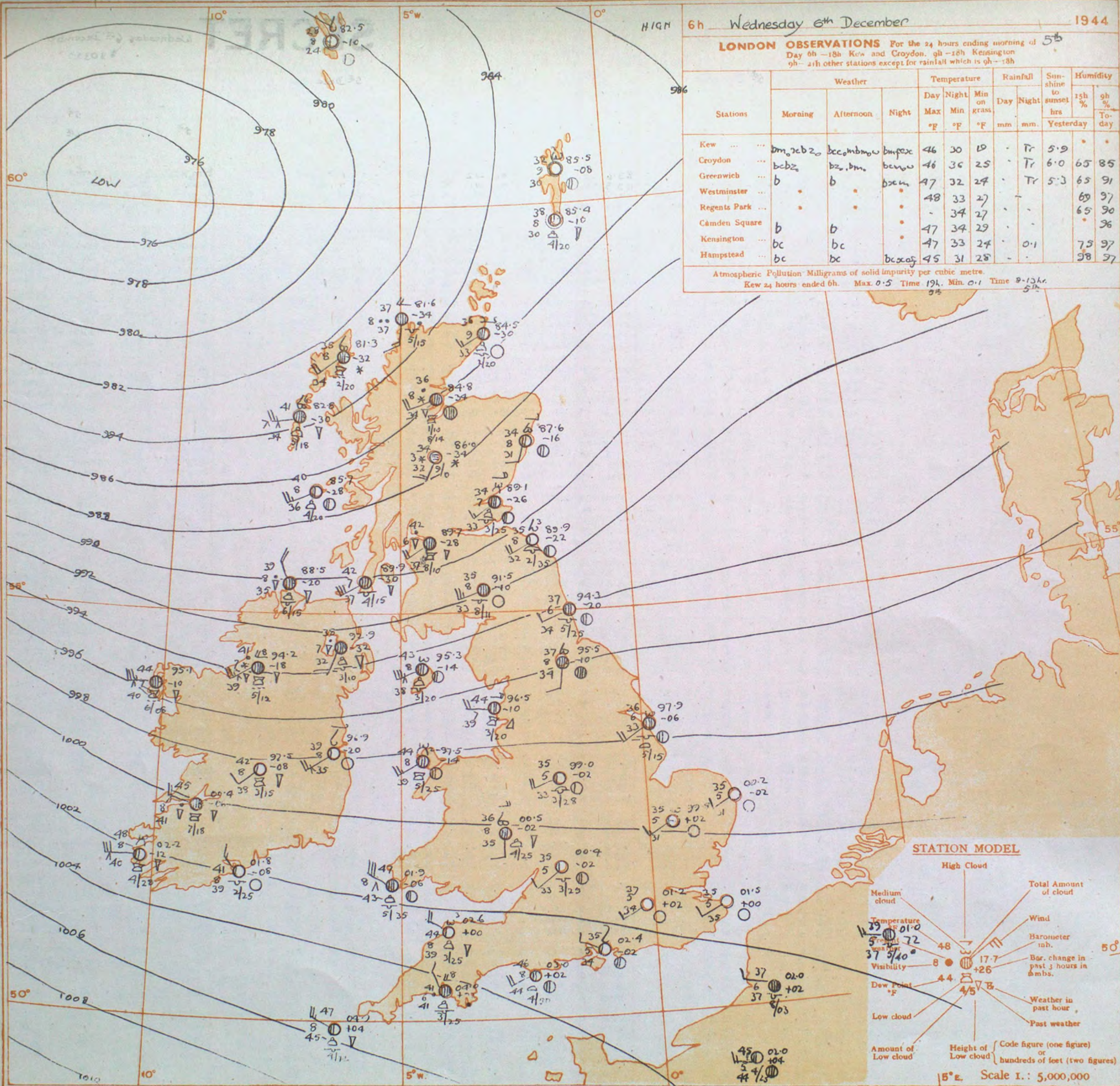
BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Wednesday 6<sup>th</sup> December 1944  
No. 30330

OBSERVATIONS at 12h. G.M.T. 5 <sup>th</sup> December																OBSERVATIONS at 18h. G.M.T. 5 <sup>th</sup> December																PAST 24 HOURS				
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.) (22)	Dew Point (°F.) (23)	Visibility. (24)	Cloud.				Height of Base Hundreds of feet. (31)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.						
				Dir.	Force.					Form.	Amount.	Total.	Low.				Med.	High.					Total.	Low.	Med.	High.				Total.	A.	B.	06h.-12h. 5 <sup>th</sup>	12h.-18h. 5 <sup>th</sup>	18h.-5 <sup>th</sup> 6 <sup>th</sup>	06h.-06h. 6 <sup>th</sup>
		mb.		(3)	(4)	(5)			(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		(19)	(20)	(21)		(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)		(41)	(42)	(43)	(44)		
1	Kew ...	03.0	-8	W	3	N	45	36	5	-	-	-	-	-	83.6	-4	SW	3	20	42	37	5	5	-	-	1	1	1	15	1	1	1	b m x b2			
	Croydon ...	05.7	-6	WSW	4	N	45	36	5	-	-	-	-	-	03.8	-6	SW	3	20	41	36	6	-	-	1	1	1	15	1	1	1	b m x b2				
	Boscombe Down	06.7	-8	W	4	N	45	36	5	-	-	-	-	-	04.9	-2	SW	2	20	40	38	6	4	-	1	1	1	25	0	0	0	b m x b2				
	Thorney Island	07.3	-6	W	4	N	45	36	5	-	-	-	-	-	04.8	-17	WSW	2	20	42	40	5	4	-	1	1	1	60	0	0	0	b m x b2				
	Friston ...	07.3	-6	W	4	N	45	36	5	-	-	-	-	-	04.8	-17	WSW	2	20	42	40	5	4	-	1	1	1	60	0	0	0	b m x b2				
	Lympne ...	05.7	-8	W	4	N	45	36	5	-	-	-	-	-	04.3	-6	W	3	20	39	36	7	-	-	0	0	0	-	0	0	0	b m x b2				
	Manston ...	04.7	-6	WSW	4	N	45	36	5	-	-	-	-	-	03.6	-2	WSW	3	20	38	34	7	-	-	0	0	0	-	0	0	0	b m x b2				
2	North Weald	05.6	-6	WSW	4	N	45	36	5	-	-	-	-	-	02.8	-12	WSW	2	20	41	36	5	-	-	0	0	0	-	0	0	0	b m x b2				
	Felixstowe ...	02.3	-2	WSW	4	N	45	36	5	-	-	-	-	-	02.3	-8	WSW	3	20	41	37	6	-	-	0	0	0	-	0	0	0	b m x b2				
	Corleston ...	00.2	+2	W	4	N	45	36	5	-	-	-	-	-	01.6	+12	WSW	1	20	40	35	6	-	-	0	0	0	-	0	0	0	b m x b2				
	Mildenhall	02.4	+2	WSW	5	N	45	36	5	-	-	-	-	-	01.7	-4	SW	3	20	39	33	7	5	-	1	1	1	30	0	0	0	b m x b2				
	Bircham Newton	01.1	-2	WSW	6	N	45	36	5	-	-	-	-	-	01.0	+2	WSW	3	20	38	34	6	5	-	2	2	2	25	1	1	1	b m x b2				
	Cranwell ...	01.2	+6	WSW	4	N	45	36	5	-	-	-	-	-	01.0	+2	WSW	3	20	38	34	6	5	-	2	2	2	25	1	1	1	b m x b2				
	Cranfield ...	04.0	-6	WSW	4	N	45	36	5	-	-	-	-	-	03.2	-	SW	2	20	38	34	7	5	-	3	3	3	30	0	0	0	b m x b2				
3	Honiley ...	02.3	-6	WSW	4	N	45	36	5	-	-	-	-	-	01.6	-6	SSW	3	20	38	33	8	4	-	2	2	2	25	1	1	1	b m x b2				
4	Little Rissington	03.6	-10	W	5	N	45	36	5	-	-	-	-	-	02.5	-2	WSW	3	20	37	36	7	5	-	5	5	5	18	1	1	1	b m x b2				
	Shobden ...	04.2	-4	W	4	N	45	36	5	-	-	-	-	-	02.0	+6	SW	1	20	40	37	8	8	-	3	3	3	22	40	1	1	b m x b2				
5	Bristol ...	05.9	+2	W	4	N	45	36	5	-	-	-	-	-	03.2	-6	SW	1	20	41	39	6	4	-	5	4	4	19	40	1	1	b m x b2				
	Chivenor ...	07.4	-8	W	5	N	45	36	5	-	-	-	-	-	03.7	-16	W	3	20	45	41	7	8	-	5	4	4	19	40	1	1	b m x b2				
	Yeovilton	06.8	-6	WS	3	N	45	36	5	-	-	-	-	-	03.6	-14	SW	2	20	42	37	6	8	7	4	3	2	25	72	1	1	b m x b2				
	Portland Bill	07.4	-4	W	5	N	45	36	5	-	-	-	-	-	04.5	-26	SW	4	20	47	45	8	5	-	8	8	8	50	1	4	4	b m x b2				
	Exeter ...	07.8	-10	SSW	2	N	45	36	5	-	-	-	-	-	04.0	-20	W	2	20	44	39	7	5	7	7	3	5	20	40	1	1	b m x b2				
	Plymouth ...	08.4	-14	W	4	N	45	36	5	-	-	-	-	-	04.5	-18	WSW	3	20	44	42	6	5	2	8	4	4	12	72	1	1	b m x b2				
	St. Eval ...	09.0	-10	W	4	N	45	36	5	-	-	-	-	-	04.6	-20	W	4	20	44	41	7	5	2	8	4	4	12	72	1	1	b m x b2				
	The Lizard	09.6	-8	W	5	N	45	36	5	-	-	-	-	-	04.6	-24	W	4	20	46	44	6	5	2	8	8	8	10	40	1	1	b m x b2				
6	Scilly, St. Marys	09.4	-6	W	5	N	45	36	5	-	-	-	-	-	04.4	-28	WIN	3	20	46	46	7	8	2	8	6	2	-	1	4	4	b m x b2				
	Fairwood ...	05.8	-14	W	4	N	45	36	5	-	-	-	-	-	02.7	-10	W	1	20	40	34	7	2	-	4	4	4	20	1	1	1	b m x b2				
	Pembroke ...	05.7	-20	W	6	N	45	36	5	-	-	-	-	-	02.1	-14	W	4	20	47	44	8	8	-	5	5	5	25	1	1	1	b m x b2				
	Aberporth ...	05.3	-12	W	5	N	45	36	5	-	-	-	-	-	02.3	-8	W	3	20	42	37	8	2	6	4	4	3	30	40	0	0	b m x b2				
7	Penrhos ...	05.7	-6	WSN	5	N	45	36	5	-	-	-	-	-	01.1	-10	SW	4	20	43	36	8	8	-	4	3	3	25	40	0	0	b m x b2				
	Holyhead, Valley	03.0	-2	WN	5	N	45	36	5	-	-	-	-	-	00.4	-10	SW	3	20	43	37	8	6	-	4	3	2	20	1	1	1	b m x b2				
	Hawarden ...	02.2	-2	W	5	N	45	36	5	-	-	-	-	-	00.7	-4	SW	2	20	43	38	7	8	-	2	2	2	20	1	1	1	b m x b2				
8	Manchester	01.4	+2	WN	4	N	45	36	5	-	-	-	-	-	00.0	-4	SSW	4	20	43	38	5	6	4	6	4	3	25	1	1	1	b m x b2				
	Squires Gate	00.6	+2	WN	5	N	45	36	5	-	-	-	-	-	99.4	-10	W	3	20	43	38	7	2	6	6	4	6	20	1	1	1	b m x b2				
	Silloth ...	97.7	+2	WSN	4	N	45	36	5	-	-	-	-	-	97.4	-2	W	3	20	41	38	7	4	3	8	7	4	3	24	1	1	1	b m x b2			
9	Ashbourne ...	01.4	-6	WSN	4	N	45	36	5																											





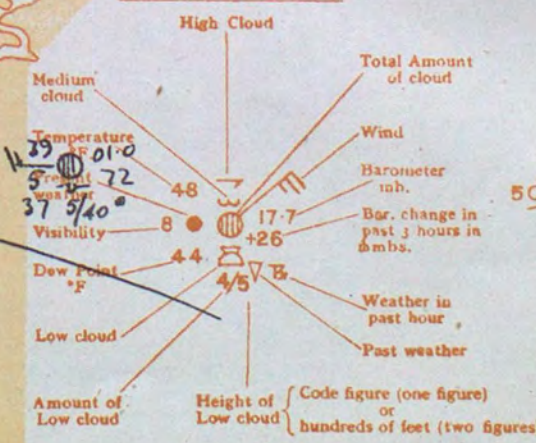
6h Wednesday 6th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 5th  
Day 6h-18h Kew and Croydon. 9h-18h Kensington  
9h-24h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		Yesterday	To-day
Kew	bm, scb 2	bccombbmw	bmpex	46	30	19	-	Tr	5.9	-	-
Croydon	bcbz	bz, bm	bcmw	46	36	25	-	Tr	6.0	65	85
Greenwich	b	b	bcm	47	32	24	-	Tr	5.3	65	91
Westminster	.	.	.	48	33	27	-	-	-	69	97
Regents Park	.	.	.	-	34	27	-	-	-	65	90
Camden Square	b	b	.	47	34	29	-	-	-	-	96
Kensington	bc	bc	.	47	33	24	0.1	-	-	75	97
Hampstead	bc	bc	bccaf	45	31	28	-	-	-	98	97

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.5 Time 19h. Min 0.1 Time 9-12h.

**STATION MODEL**





## GENERAL INFERENCE

A depression centred off North Scotland is moving southeast. There will be occasional showers in northern and western districts with local hail and thunder. In North and Central Scotland snow will fall in considerable amounts on high ground, but only small amounts are expected on low ground. In southeastern districts of the British Isles there will be long bright periods and only very isolated showers at first, but later more frequent showers will spread down coastal areas of northeast England and north of east Anglia. It will be generally cold.

## FURTHER OUTLOOK

Northerly type with wintry showers in the North and East.

↓ Gale warning in operation in districts 7, 8, 12, 13A, 13B, 17, 18.  
Issued 0545 GMT 6th December 1944.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Wednesday 6th December  
1944.

### EXPLANATION OF CHART.

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

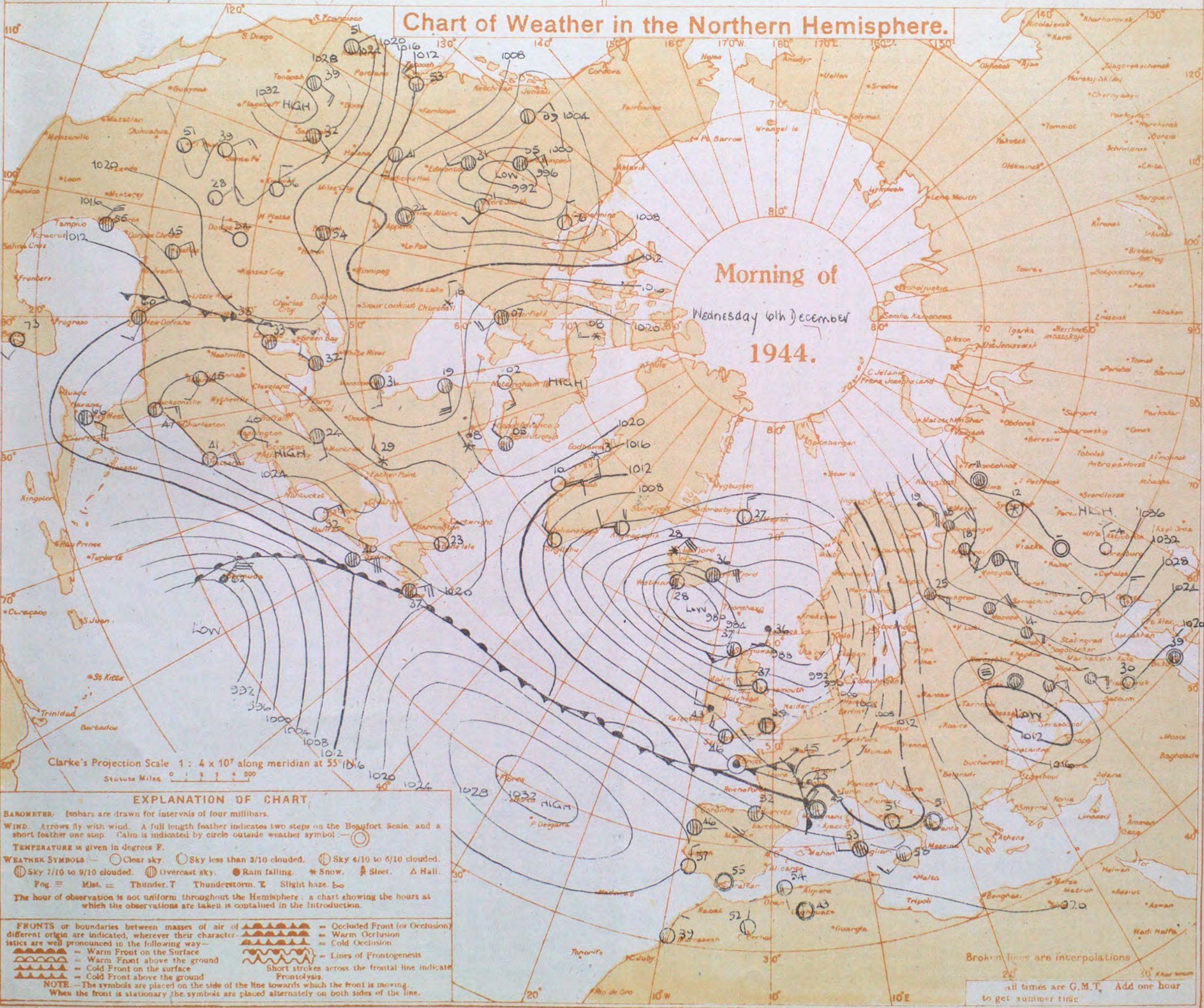
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

**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 = ☁. Mst. = ☁. Thunder = ⚡. Thunderstorm = ⚡☁. Slight haze = ☁.

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



Broken lines are interpolations.  
all times are G.M.T. Add one hour to get summer time.



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

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 = $\frac{3}{4}$	7 = More than 9 but with openings.		8 = Completely covered.		9 = Sky obscured by fog, etc.		A = Lowest cloud present.	B = Next lowest cloud.	† Other Observations from Dyce.																	
1 = Trace	3 = $\frac{1}{4}$	5 = $\frac{2}{4}$										§ Sea disturbance reported from Dungeness.																	
																				NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.									



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

SECRET

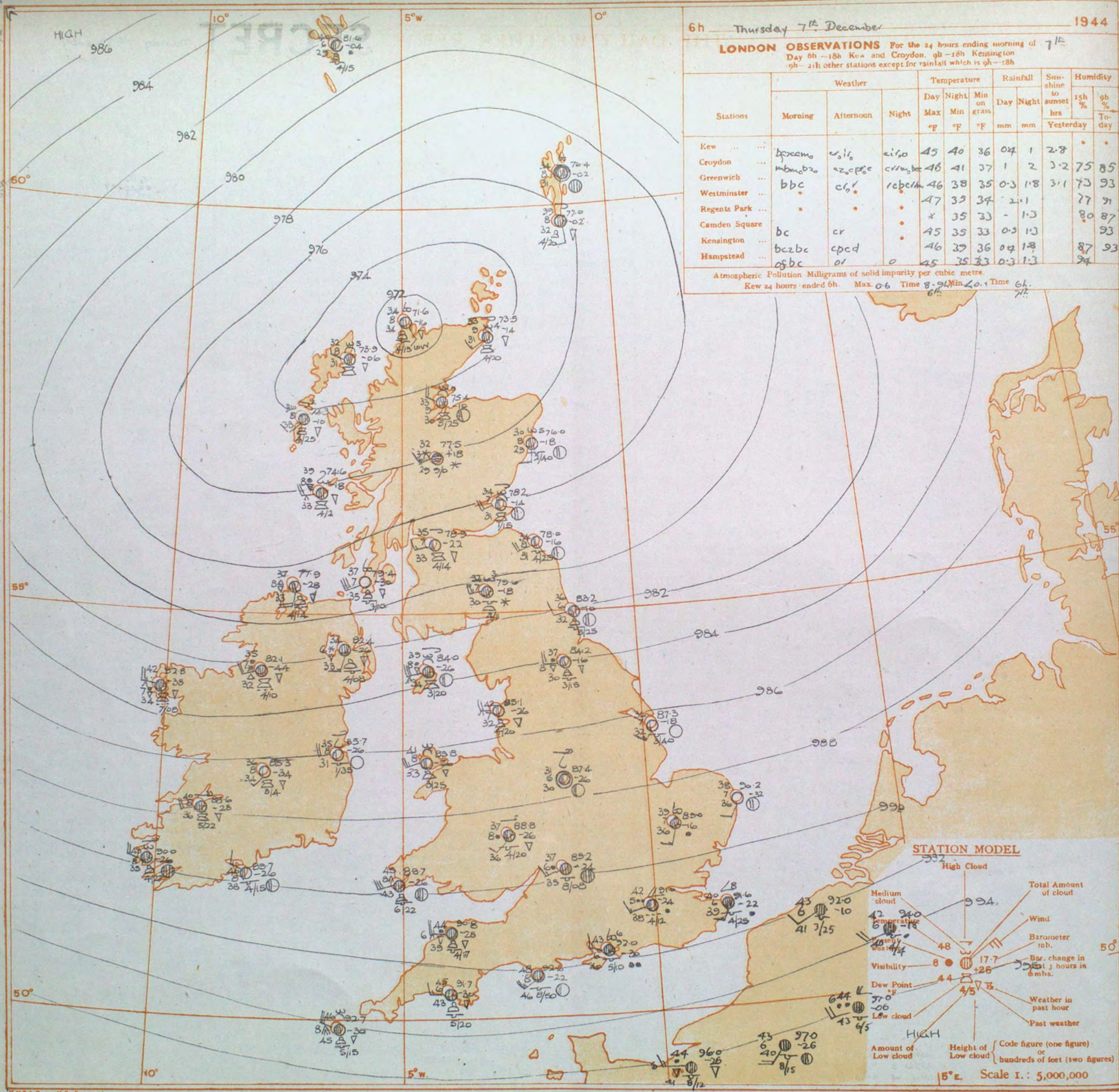
Thursday 7th December

1944

No. 30331

OBSERVATIONS at 12h. G.M.T. 6th December																	OBSERVATIONS at 18h. G.M.T. 6th December																	PAST 24 HOURS			
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (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. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (22)	Dew Point °F. (23)	Visibility. (24)	Cloud.				Height of Base Hundreds of feet.		State of Ground. (33)	Sea. 0-9 (34)	WEATHER.						
				Direc.	Force.					Form.	Amount.						Direc.	Force.					Form.	Amount.			A.	B.			A.	B.					
											Low.	Med.	High.											Total.	Low.	Med.							High.	Total.			
																																			(9)	(10)	(11)
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Friston ...	00.0 00.7 01.7 02.6	-12 -6 -10 -2	SW S SW S SW S W S	3 4 4 4	20 20 20 20	42 45 44 44	37 37 40 40	5 6 7 5	5 4 5 3	6 7 6 8	7 2 5 3	2 7 4 4	31 35 20 4	97.6 97.4 98.9 99.3	-10 -12 -2 +12	SW S SW S WN W WN W	3 4 5 4	10 10 rr c/pr	44 44 43 48	41 40 42 43	6 5 6 7	5 5 8 7	5 5 8 7	5 5 8 7	18 37 13 26	25 1 25 57	1 1 1 0	• • • •	b, g, r, c, m, b, z m, b, m, b, z b, f, b, c b, g, b, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z b, c, p, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z o, v, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z				
	Lympne ... Manston ... North Weald ... Felixstowe ... Gorleston ...	01.7 00.3 00.9 00.0 98.5	-6 -2 -2 -6 -10	W S W S W S W S W S W	3 3 3 3 2	c b, b, c c c b, c	45 43 39 39 41	38 37 38 37 35	7 7 4 3 7	5 5 5 6 5	4 4 6 6 2	6 2 5 6 4	2 3 5 6 3	60 50 180 65	98.6 98.5 96.7 97.0 95.9	-14 -10 -18 -10 -12	SW S SS W SS W S W S W	3 4 4 5 1	pr g, f, o m, r r, f, o c, r	44 44 44 43 40	41 42 40 40 37	6 6 4 5 6	2 2 5 5 7	7 8 8 4 8	29 60 12 20 18	0 1 25 1 1	3 3 3 1 3	• • • • •	b, g, r, c, m, b, z b, m, c b, g, b, g, b, m c, b, m, c b, c, b, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z					
	Mildenhall ... Bircham Newton ... Cranwell ... Cranfield ... Honiley ...	98.5 97.3 95.6 99.8 97.2	-10 -14 -18 -18 -14	SW S W S W W S W SS W SS W	4 4 5 3 4	20 20 20 20 c	41 38 42 41 41	36 34 36 36 36	6 6 6 6 7	7 7 7 7 7	9 7 7 7 7	6 2 2 2 4	5 6 7 6 7	80 15 70 50 25	94.8 94.5 93.5 96.3 94.4	-20 -10 -10 -10 -2	SW W W S W W S W S W S W	4 4 4 4 4	20 10 20 10 m, v, pr	43 38 38 42 40	40 36 38 37 37	6 6 6 6 4	5 5 5 5 8	5 5 5 5 8	15 22 20 15 25	40 1 40 25 40	1 1 1 1 1	• • • • •	b, m, c, b, m, c b, m, c b, m, c b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z					
4	Little Rissington ... Shobden ...	98.3 97.3	-16 -20	W S W W S W	3 4	20 c, pr	40 46	37 44	6 8	5 7	6 6	5 8	1 4	5 3	7 18	96.1 96.5	-2 +6	W S W W S W	4 4	b, c, v b, c, pr	38 40	36 37	8 8	5 3	5 5	8 4	20 20	1 1	• •	b, m, c, b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z				
5	Bristol ... Chivenor ... Yeovilton ...	00.2 01.6 01.5	-10 -6 -2	SW S W N W SW S	3 5 4	pr c c	44 48 46	41 42 39	6 8 7	9 8 7	6 6 6	5 3 4	15 15 25	97.7 99.0 98.6	-6 -10 -2	SW S NW S WN W	4 5 4	pr pr r, f, o	40 44 43	37 41 41	6 7 7	5 5 5	5 7 2	8 4 7	15 15 10	25 25 15	1 1 1	• • •	b, m, c, b, m, c b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z					
	Portland Bill ... Exeter ... Plymouth ... St. Eval ... The Lizard ...	02.6 02.7 03.3 03.4 04.7	-8 -6 -6 -10 -	W W W S W W S W N W	4 4 4 5 6	c c, pr 20 c b, c	49 48 49 49 50	47 40 43 42 43	8 8 6 8 8	5 4 2 7 2	8 3 6 4 4	8 3 3 4 4	3 3 3 4 5	50 15 30 15 25	00.4 99.6 00.8 01.3 02.2	-10 -12 -8 -8 -14	SW S W S W W S WN W W S	5 4 5 5 7	c c, pr 20 pr c	49 44 48 44 49	47 40 44 42 45	8 7 8 8 7	5 2 3 8 7	8 4 5 4 6	50 15 20 15 20	1 25 25 25 1	5 3 3 1 5	• • • • •	b, m, c, b, m, c b, m, c b, m, c b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z					
6	Scilly, St. Marys ... Fairwood ... Pembroke ... Aberporth ...	04.8 99.5 98.6 98.7	+40 -18 -14 -10	SW S W S W S W S	5 5 8 6	b, c, pr c c c, pr	51 47 49 46	47 41 48 40	8 8 8 8	8 6 8 2	4 6 5 8	4 4 5 5	2 2 3 8	16 25 25 18	02.0 97.8 97.4 96.9	-8 - - -6	W WN W W S W W	6 4 5 4	b, c, pr c, b, c c c, b, c	50 41 46 42	46 39 44 37	8 7 8 7	8 5 6 2	8 5 8 7	15 20 16 20	1 1 1 1	5 5 5 4	• • • •	b, m, c, b, m, c c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z					
7	Penrhos ...	96.3	-12	W S W	5	c, pr	45	39	8	7	2	7	4	3	20	94.2	-10	W S W	5	c	44	34	8	8	7	6	3	5	20	40	0	•	b, m, c, b, m, c c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z	
	Holyhead, Valley ... Hawarden ...	94.8 95.3	-10 -14	W S W W S W	6 4	pr c, pr	45 42	38 40	8 8	8 7	7 8	5 4	7 20	25 40	92.8 93.8	-12 -2	W S W W S W	6 4	c pr	44 42	35 35	8 6	7 4	8 7	8 7	4 6	30 15	40 25	1 1	• •	b, m, c, b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z			
8	Manchester ... Squires Gate ... Silloth ...	94.5 93.4 89.3	-22 -14 -14	W S W W S W S W	4 6 4	pr c b, c	42 45 41	38 38 35	8 7 2	7 8 6	8 8 4	4 4 4	8 8 3	18 10 20	92.6 91.1 88.4	-10 -16 -4	W S W WN W W	5 6 5	pr c, b, c c, b, c	39 44 40	35 34 30	6 7 8	4 8 8	7 6 5	7 5 5	33 18 22	1 40 1	• • •	b, m, c, b, m, c b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z					
9	Ashbourne ... Snaith ...	95.5 93.3	-22 -22	SW S W S W	3 3	pr 20	39 42	37 37	6 5	5 5	8 8	4 8	8 20	25 25	93.8 91.5	-10 -6	SW S W S W	4 2	b, b, c m, pr	37 38	34 35	7 4	5 3	5 6	3 3	15 20	1 1	• •	b, m, c, b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z					
10	Spurn Head ... Leeming ... Tynemouth ...	94.6 91.9 89.2	-24 -14 -26	SW S W S SW S	5 4 4	pr c 20	41 40 43	36 36 36	7 5 8	3 5 7	8 8 5	3 5 5	3 8 26	72 15 26	92.8 89.3 87.6	-6 -14 -8	SW S W S W W S W	4 4 3	20 20 20	40 37 40	37 31 31	6 8 6	5 3 5	5 3 3	25 15 25	1 1 1	• • •	b, m, c, b, m, c b, m, c b, m, c	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z	c, g, r, c, m, b, z c, g, r, c, m, b, z c, g, r, c, m, b, z						
11	Acklington ... St. Abb's Head ...																																				



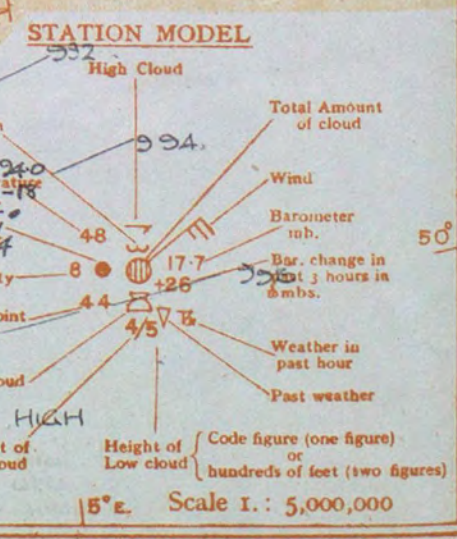


6h Thursday 7<sup>th</sup> December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 7<sup>th</sup>  
Day 6h-18h Kew and Croydon. 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max	Min		mm	mm	Yesterday	To- day	
	°F	°F	°F								
Kew ... ..	bpcmo	ci/16	ci/10	45	40	36	0.4	1	2.8	.	.
Croydon ... ..	mbmcbz	cz/cp/c	cr/m/bc	46	41	37	1	2	3.2	75	85
Greenwich ... ..	bbc	ci/1	rcbci/m	46	38	35	0.3	1.8	3.1	73	93
Westminster ... ..	.	.	.	47	39	34	2.1			77	91
Regents Park ... ..	.	.	.	x	35	33	-	1.3		80	87
Camden Square	bc	cr	.	45	35	33	0.3	1.3			93
Kensington ... ..	bczbc	cped	.	46	39	36	0.4	1.8		87	93
Hampstead ... ..	qsbcc	oi	o	45	35	33	0.3	1.3		94	

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.6 Time 8.9 Min. 0.1 Time 6h.





## GENERAL INFERENCE

An extensive depression centred over Scotland will move southeast and an associated trough will move east across the British Isles. There will be rather frequent thundery showers of rain, hail and sleet in northern and central districts, with snow on high ground, and locally in low ground. There will be rather frequent showers in the southwest, and later in the south-east, with sleet locally later. Winds will be strong to gale in western districts. It will be cold generally.

## FURTHER OUTLOOK

Cold showery conditions continuing.

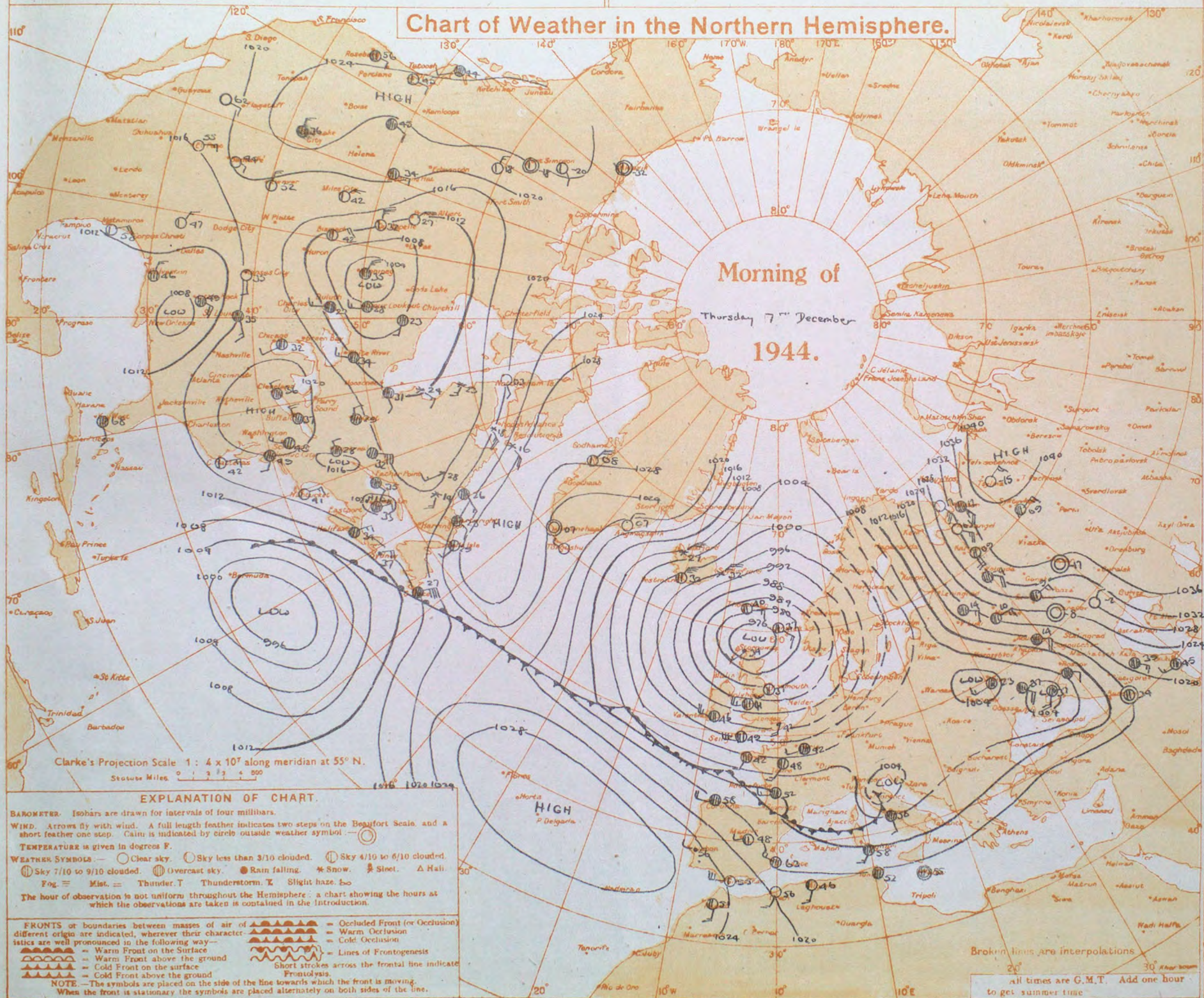
↓ Gale warning in operation in districts 7, 8, 12, 13A, 13B, 17, 18.  
Issued 0545 G.M.T. 6/12/44  
in districts 5, 6, 19, 20  
Issued 2155 G.M.T. 6/12/44.

## Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 7<sup>th</sup> December

1944.





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

Thursday 7<sup>th</sup> December 1944  
No. 30331

No. 30331

[illegible]

0 = Nil 2 =  $\frac{1}{10}$  4 =  $\frac{1}{2}$  6 =  $\frac{9}{10}$  8 = Completely covered.  
1 = Trace 3 =  $\frac{1}{4}$  5 =  $\frac{1}{2}$  7 = More than  $\frac{1}{2}$  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.  
† Both Observations from Dyce.  
§ Sea disturbance reported from Dungeness

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



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

SECRET

Friday 8th December 1944

No. 30332

OBSERVATIONS at 12h. G.M.T. 7th December																	OBSERVATIONS at 18h. G.M.T. 7th December																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																
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)	Barom. at M.S.L. (33)	Change in 3 hours. (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																				
				Dir.	Force.					Form.	Amount.	Total.	Low.				Dir.	Force.					Form.	Amount.	Total.	Low.				A.	B.	A.	B.																																																																																																																																																																																																																																																																																																																																																	
													(9)													(10)								(11)	(12)	(13)	(14)	(15)	(16)	(19)	(20)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(41)	(42)	(43)	(44)																																																																																																																																																																																																																																																																																																																													
1	Kew Croydon Boscombe Down Thorney Island Friston	86.0 86.5 86.9 87.6	-2.8 -3.2 -2.8	SW SW W W	2 3 3 2	20 20 20 20	42 43 41 44	38 37 39 39	6 6 6 6	8 7 5 6	6 7 7 3	7 6 4 2	18 12 8 15	82.2 82.6 83.3 83.3	-1.4 -1.6 -6 -1.4	WIS SW WIS WIS	1 2 2 0	m m m m	37 36 34 39	36 34 33 37	6 4 7 5	4 3 2 5	3 4 4 6	3 3 3 4	3 4 3 1	3 4 3 4	10 24 28 80	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	



1944

6h

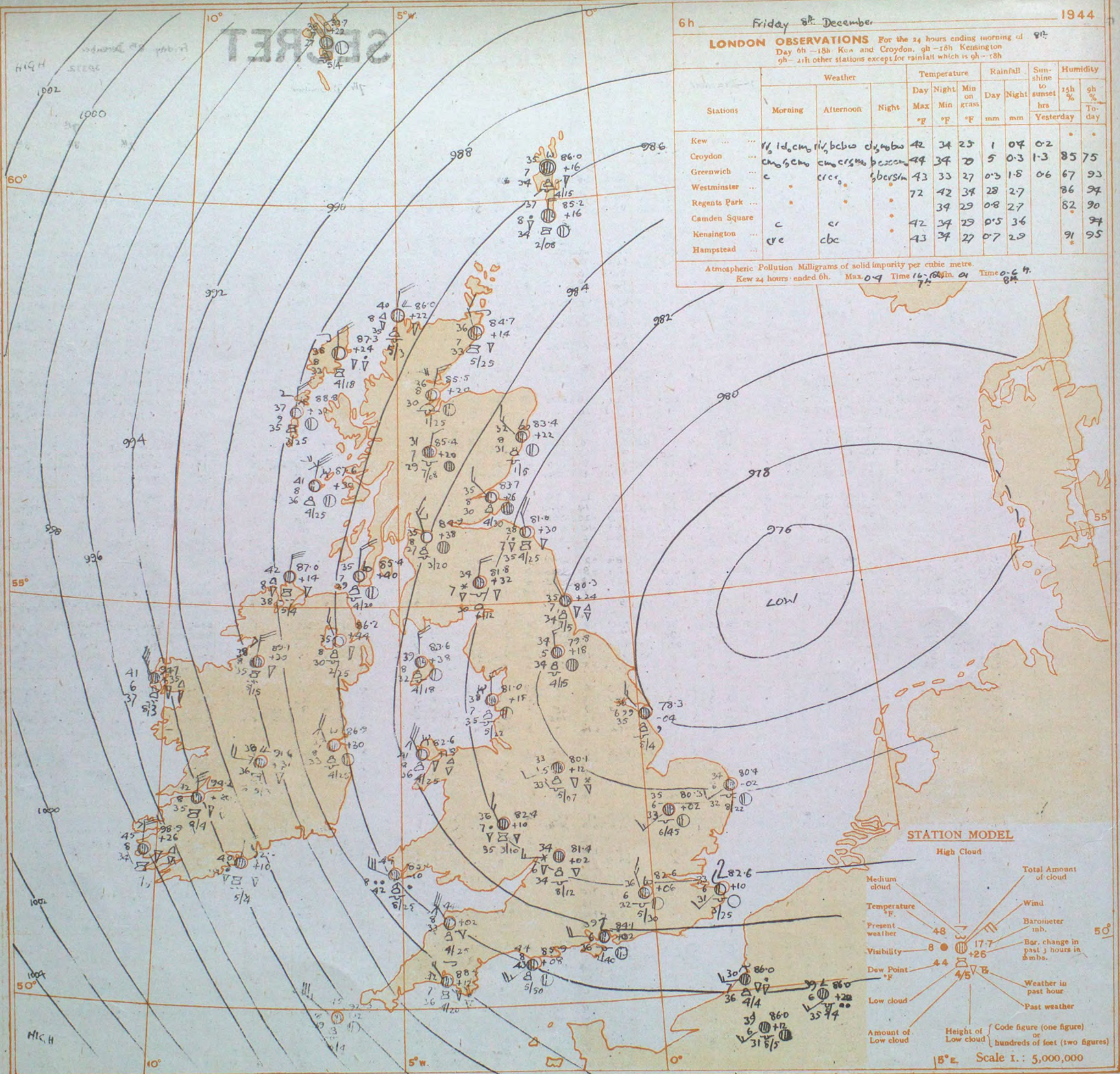
Friday 8th December

**LONDON OBSERVATIONS** For the 24 hours ending morning of 9th  
 Day 6h-18h Kew and Croydon. 9h-18h Kensington  
 9h-24h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs Yesterday	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		15h %	9h To- day
Kew	1/10 cm	1/10 cm	1/10 cm	42	34	25	1	0.4	0.2		
Croydon	cm	cm	cm	49	34	20	5	0.3	1.3	85	75
Greenwich	c	c	c	43	33	27	0.3	1.8	0.6	67	93
Westminster				72	42	34	28	2.7		86	94
Regents Park					39	29	0.8	2.7		82	90
Camden Square	c	c		42	34	29	0.5	3.6			94
Kensington	vc	c		43	34	27	0.7	2.9		91	95
Hampstead											

Atmospheric Pollution Milligrams of solid impurity per cubic metre

Kew 24 hours ended 6h. Max. 0.4 Time 16.00. 0.1 Time 0.6. 0.1 Time 0.6. 0.1 Time 0.6.



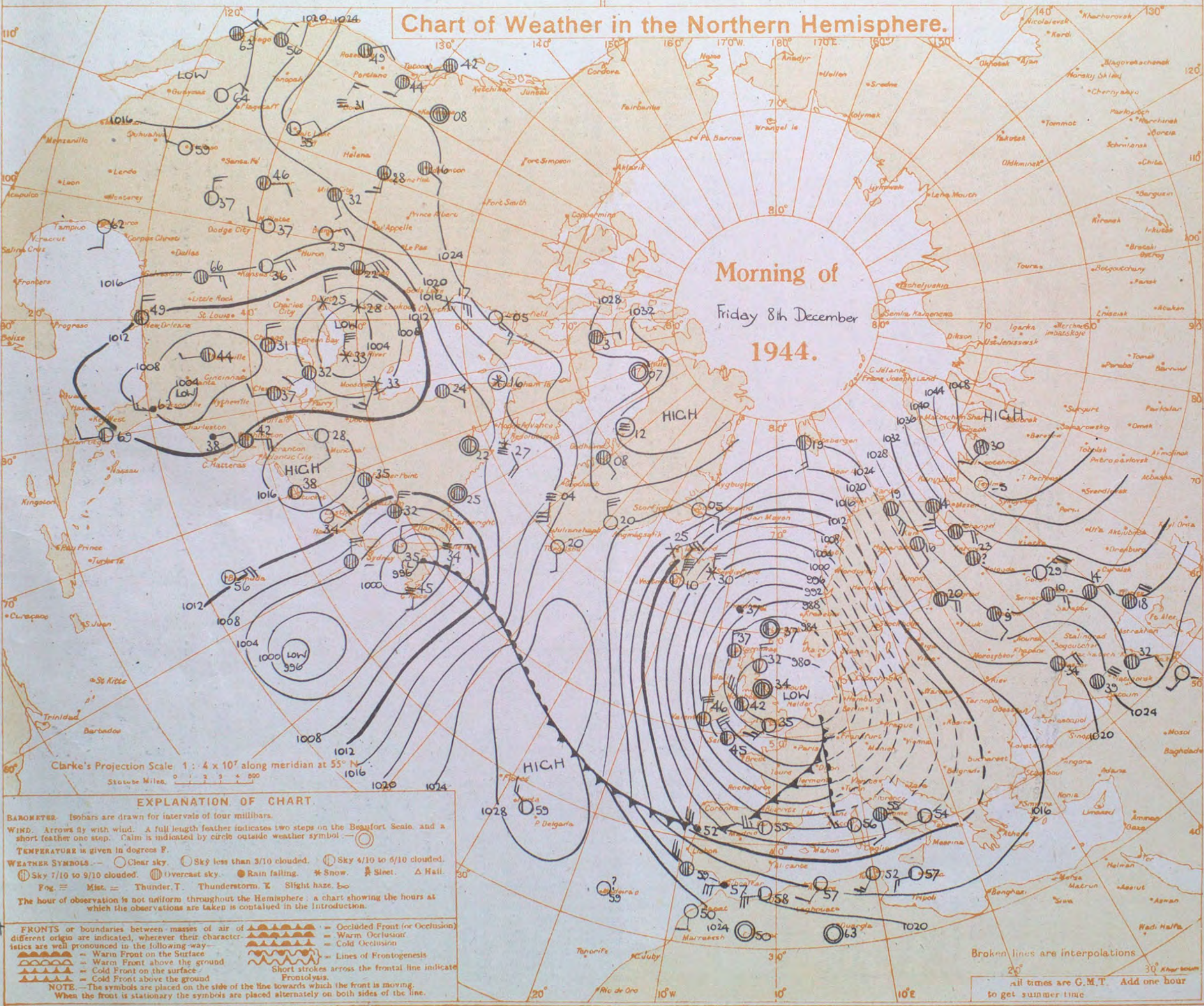


**GENERAL INFERENCE**  
An extensive depression centred over the North Sea is moving northeast and becoming less deep. There will be fairly general cloud and rather frequent showers in many coastal districts of the British Isles, scattered showers elsewhere and appreciable clearances to the south of high ground. Showers will be in the form of snow on high ground and sleet showers will fall on low ground chiefly in the North and East. Winds will reach gale force occasionally, chiefly in western coastal districts. It will be cold generally.

**FURTHER OUTLOOK**  
Continuing cold with variable cloud and scattered showers.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 8th December  
1944.









[illegible]

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

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

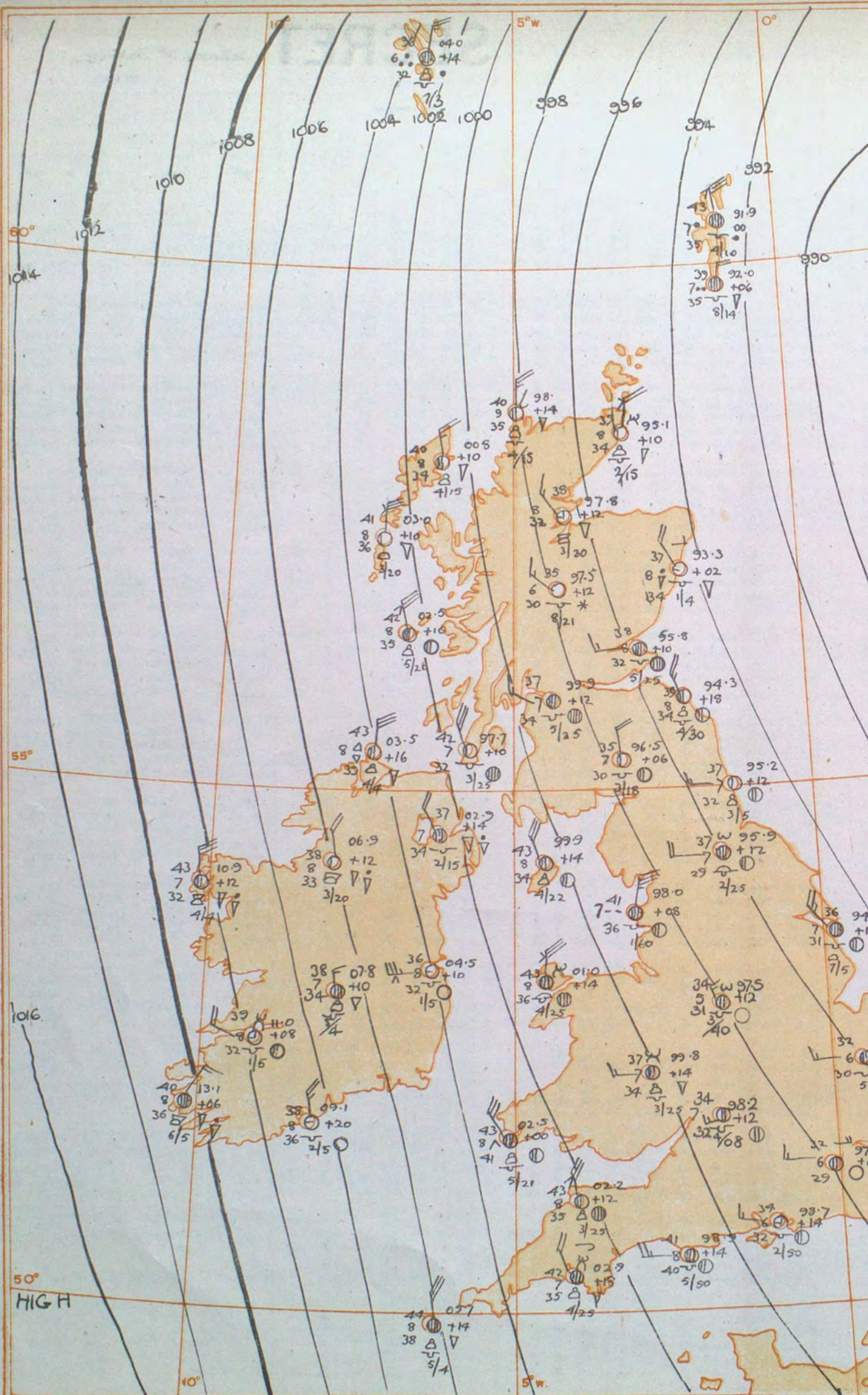
Columns 13, 14, 15, 16, 29, 30, 31, 32  
A=Lowest cloud present.  
B=Next lowest cloud.

\* Information not usually received.

6 Sea disturbance reported from Dungeness.

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





6h

Saturday 9th December

1944

LONDON OBSERVATIONS

For the 24 hours ending morning of 9th

Day 6h-18h Kew and Croydon, 9h-18h Kensington

9h-24h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		Yesterday	To-day
Kew	Korsrcro	irackbc	b2	39	32	21	3	-	0.1	.	.
Croydon	CMAGZOCMO	CMAGZOCMO	MOBEX	40	31	27	0.4	-	0.0		
Greenwich	rsc	croso	cbxcj	39	31	26	0.3	0.3	0.3	82	85
Westminster	.	.	.	40	31	24	Tr			67	66
Regents Park	.	.	.		33	28	0.2	-		81	85
Camden Square	crs	c	.	39	33	26	0.3	-		.	94
Kensington	ocr	bcr	.	39	32	22	0.2	Tr		77	87
Hampstead	orbc	bckosr	or	40	31	27	1	3		93	

Atmospheric Pollution

Milligrams of solid impurity per cubic meter

Kew 24 hours ended 6h. Max 0.5 Time 8h Min 0.1 Time 5th

STATION MODEL

High Cloud

Medium cloud

Low cloud

Amount of Low cloud

Temperature °F

Present weather

Visibility

Dew Point °F

Height of Low cloud

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

15°E

Scale 1: 5,000,000

Total Amount of cloud

Wind

Barometer in.

Bar. change in past 3 hours in mbs.

Weather in past hour

Past weather



# GENERAL INFERENCE

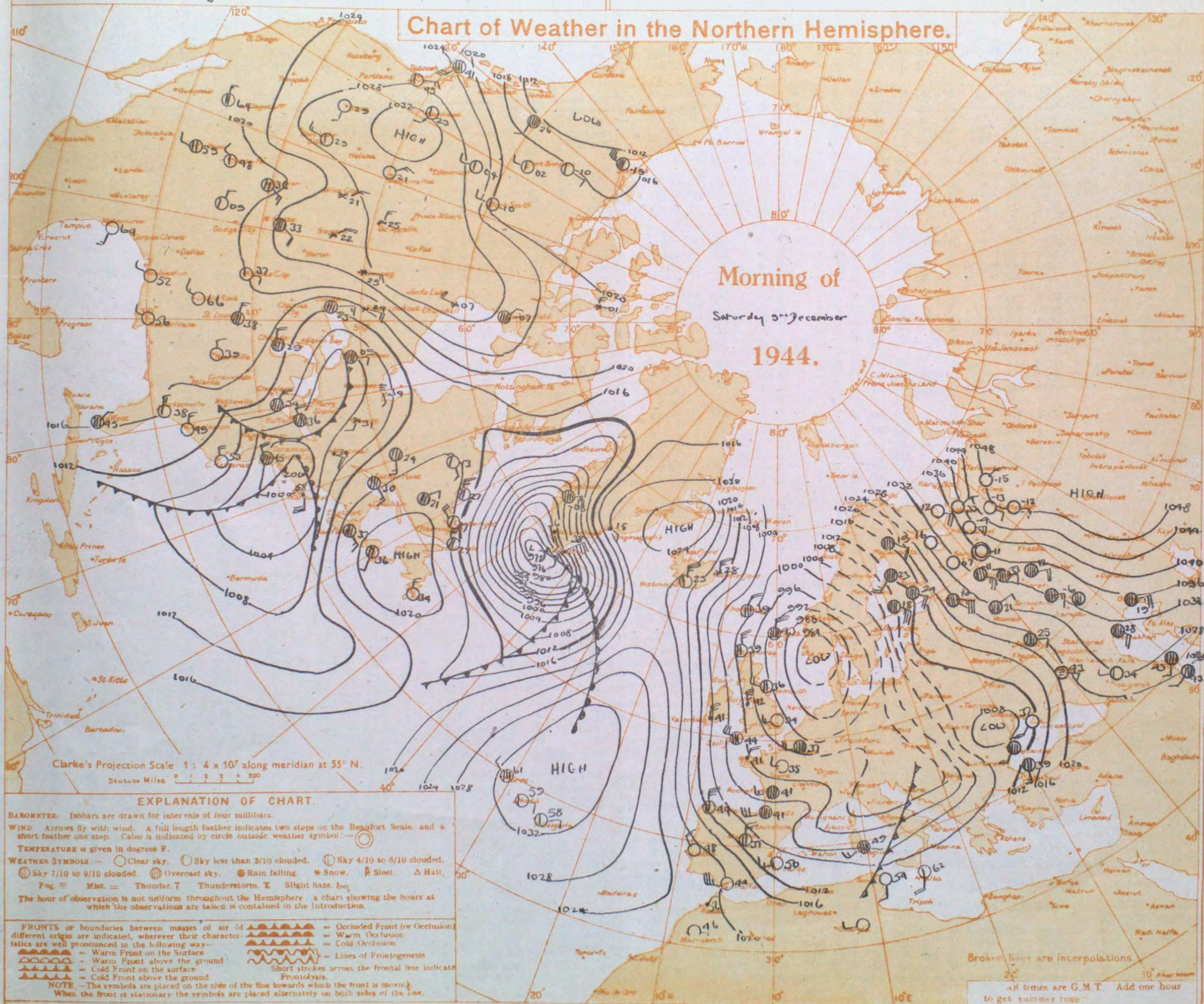
Pressure will continue low to the northeast of the British Isles. A wedge of high pressure will move east-southeast across the British Isles, and a vigorous trough of low pressure will move east across northern and western districts tomorrow morning. There will be scattered showers at first in most coastal districts, and appreciable bright periods elsewhere. Late today rain will spread from the Atlantic to Scotland and Ireland, and will reach Southeast England towards noon tomorrow. Showery condition will spread across Scotland and Ireland tomorrow morning. Strong to gale winds will occur in most districts. It will be cold at first, with frost tonight over much of England and Wales, becoming milder generally.

# FURTHER OUTLOOK

Showerly conditions spreading to all districts.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 3<sup>rd</sup> December  
1944.



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

### EXPLANATION OF CHART.

**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.

☁ = Mist. ☁ = Thunder. ☁ = Thunderstorm. ☁ = Slight haze. ☁

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

**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 9th December 1944

No 30333

OBSERVATIONS at 00hr. G.M.T. 9th December																	OBSERVATIONS at 06hr. G.M.T. 9th December																	PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
District.	STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (6)	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)	Sea. (34)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					Dir. (3)	Force (4)					Form. (9)	Amount. (10)	Height of Base Hundreds of feet. (11)	Dir. (19)	Force. (20)			Form. (25)	Amount. (26)					Height of Base Hundreds of feet. (27)	Max. Day 6h-18h (35)	Min. Night 18h-6h (36)	Min. on Grass (37)	Day 6h-18h mm. (38)			Night 18h-6h mm. (39)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
																																Low. (12)	Med. (13)	High. (14)	Low. (28)		Med. (29)	High. (30)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1	Kew	16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</



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

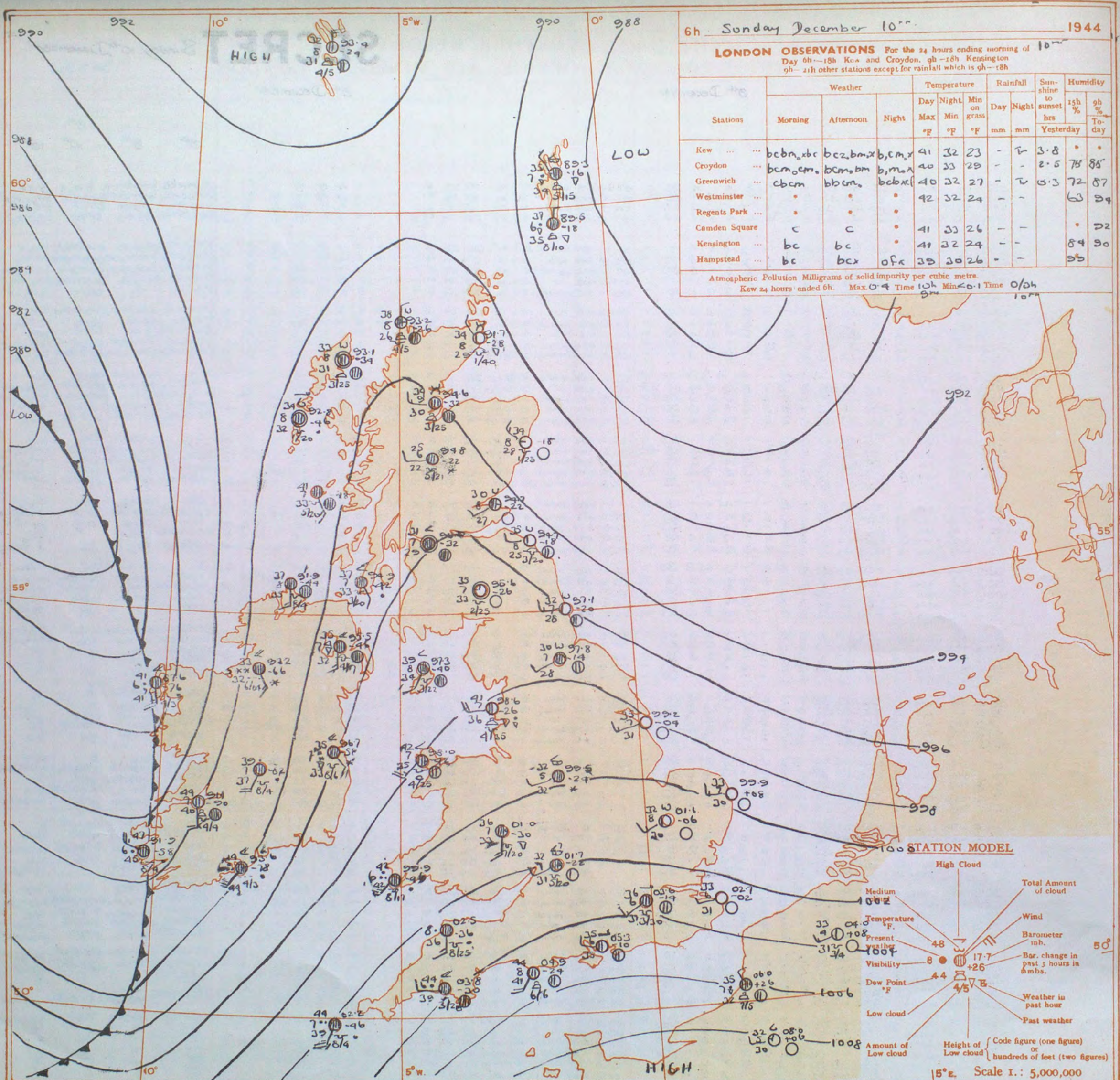
SECRET

Sunday 10<sup>th</sup> December 1944

No. 30334

OBSERVATIONS at 12h. G.M.T. 9 <sup>th</sup> December.																	OBSERVATIONS at 18h. G.M.T. 9 <sup>th</sup> December.																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																											
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (°F) (22)	Dew Point (°F) (23)	Visibility. (24)	Cloud.				Barom. at M.S.L. mb. (33)	State of Ground. (34)	Sea. 0-9 (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																
				Dir.	Force.					Form.	Amount.		Form.			Amount.						Height of Base Hundreds of feet.	Form.	Amount.					Height of Base Hundreds of feet.	State of Ground. (33)	06h.-12h. 9 <sup>th</sup> (41)	12h.-18h. 9 <sup>th</sup> (42)	18h. 9 <sup>th</sup> to 00h. 10 <sup>th</sup> (43)	00h.-06h. 10 <sup>th</sup> (44)																																																																																																																																																																																																																																																																																																																																											
											Low.	Med.				High.	Total.							Low.	Med.										High.	Total.	A.	B.	A.	B.																																																																																																																																																																																																																																																																																																																																					
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Friston ...	997 99.0 01.8 01.4	+6 +6 +2 +10	NNW NNW NNW NNW	2 2 2 4	N N N N	39 38 41 41	33 33 33 33	6 6 7 6	0 0 0 0	0 0 0 0	0 0 0 0	28 30 25 60	02.5 02.6 04.3 04.0	+14 +12 +16 +20	W'S SW WNW WNW	2 2 4 3	3 3 3 2	37 37 35 38	33 32 33 34	6 5 7 6	0 0 0 0	0 0 0 0	0 0 0 0	1 1 1 0	1 1 1 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 



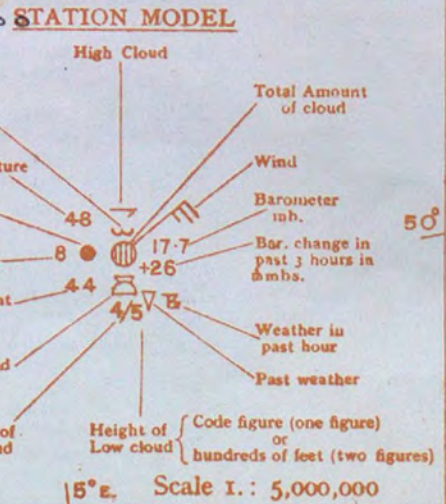


6h Sunday December 10<sup>th</sup> 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 10<sup>th</sup>  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs Yesterday	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		To-day	
Kew ...	bcbm, xbc	bcbm, xbc	b, cm, x	41	32	23	-	1	3.8	•	•
Croydon ...	bcbm, cm	bcbm, bm	b, m, x	40	33	29	-	-	2.5	78	85
Greenwich ...	bcbm	bcbm	bcbm, x	40	32	27	-	1	5.3	72	87
Westminster ...	•	•	•	42	32	24	-	-	63	84	89
Regents Park ...	•	•	•	•	•	•	•	•	•	•	•
Camden Square ...	c	c	•	41	33	26	-	-	•	•	•
Kensington ...	bc	bc	•	41	32	24	-	-	84	90	•
Hampstead ...	bc	bcr	ofc	39	30	26	-	-	95	•	•

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.4 Time 10h Min 0.1 Time 0/04





# GENERAL INFERENCE

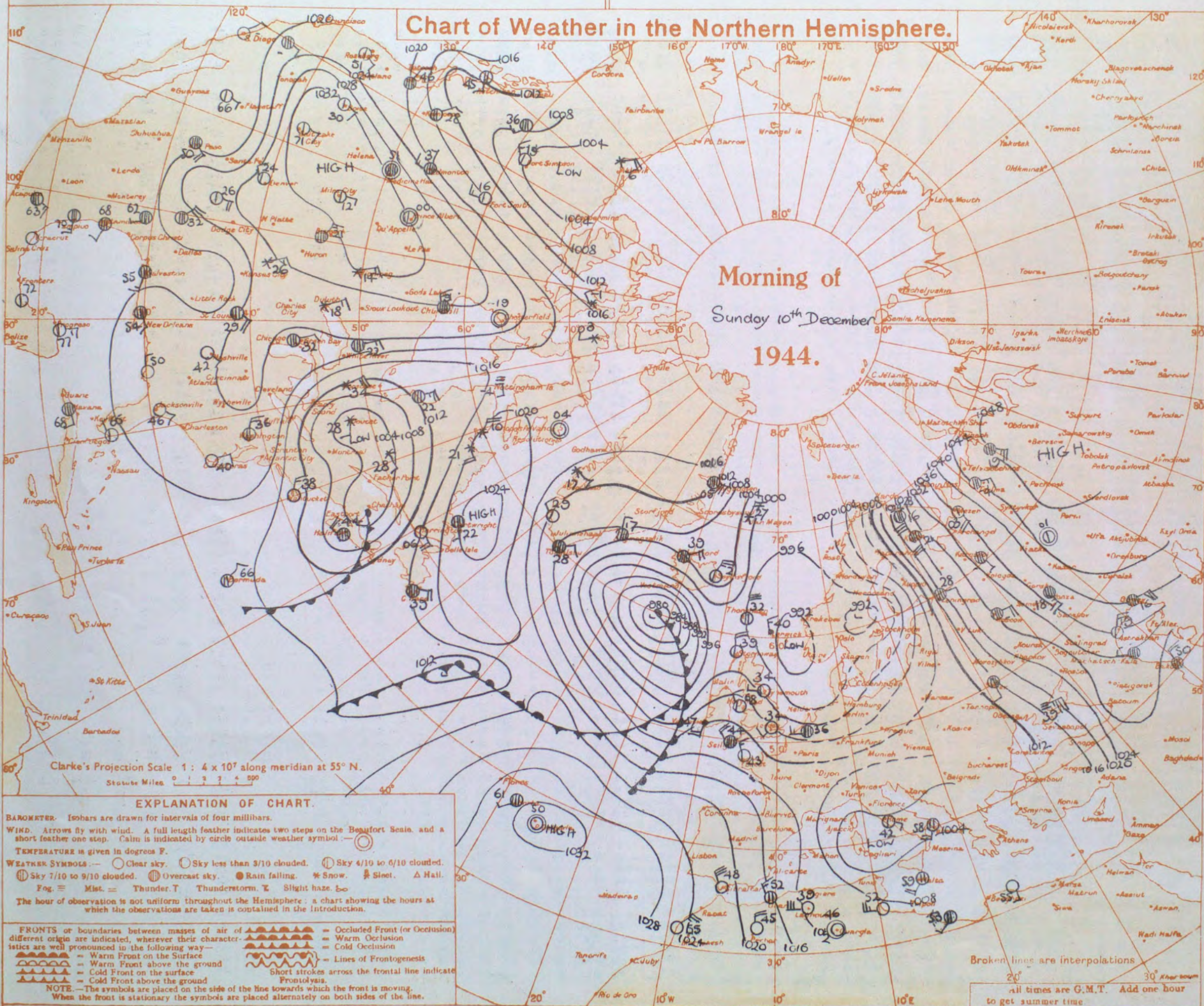
A deep depression centred to westnorthwest of Scotland is moving East southeast; a belt of rain and sleet will spread Eastsoutheast across England and Wales, and there will be snow locally over higher ground; in Scotland there will be some sleet and snow; tomorrow there will be bright intervals and wintry showers in most districts; it will continue cold.

Bright intervals, wintry showers.

# FURTHER OUTLOOK

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 10<sup>th</sup> December  
1944.





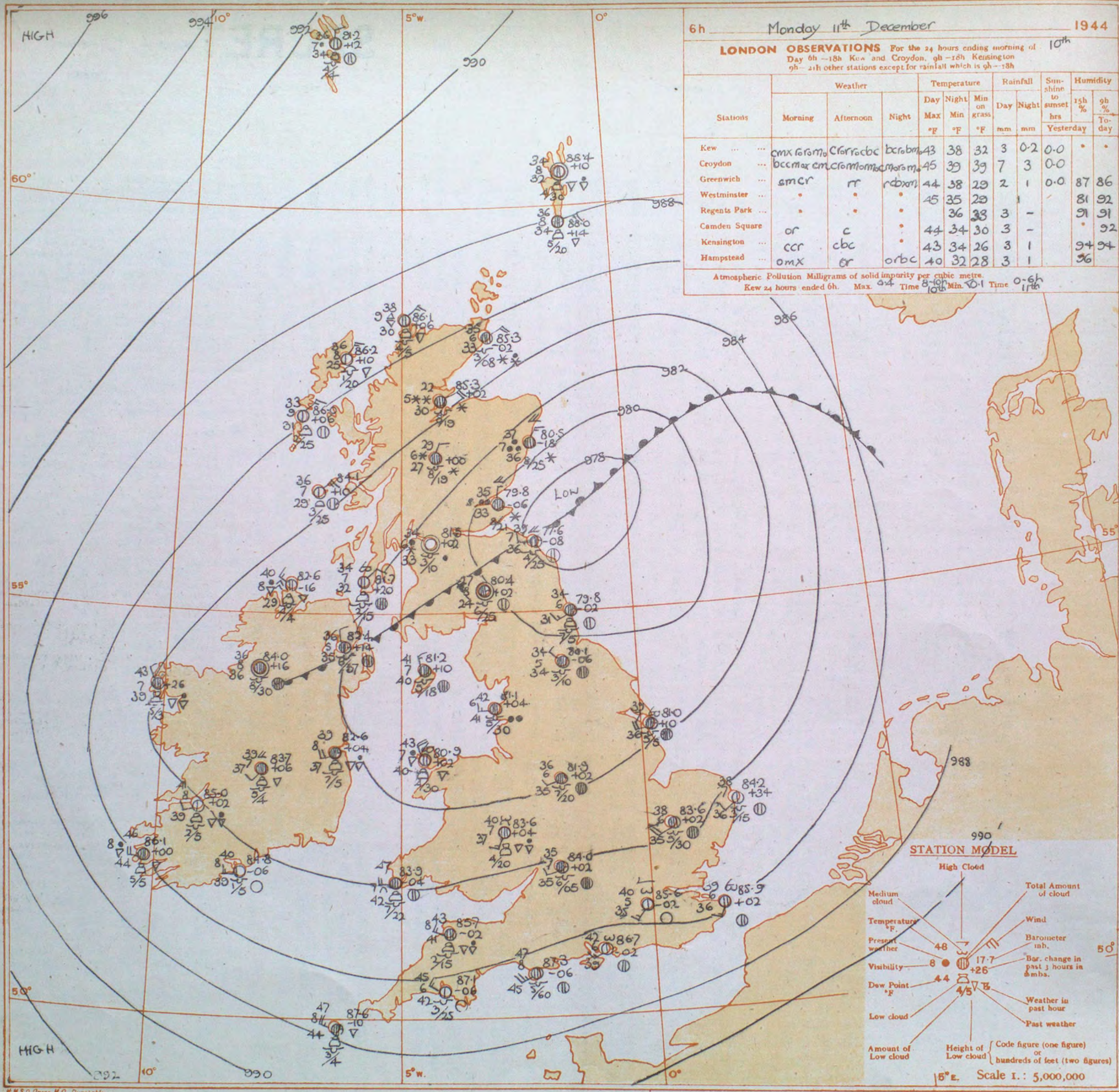
BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Sunday 10th December 1944  
No. 30334

OBSERVATIONS at 00hr. G.M.T. 10th December																	OBSERVATIONS at 06hr. G.M.T. 10th December																	PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.	A.	B.	C.			D.	E.					F.	G.	H.	I.	J.	K.			L.	M.	N.	O.	P.		Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	A.	B.	C.	D.	E.	F.	G.	H.



OBSERVATIONS at 12h. G.M.T. 10th December.																OBSERVATIONS at 18h. G.M.T. 10th December.																PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																						
District.	STATIONS (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		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.		Temp. (22)	Dew Point (23)	Visibility (24)	Cloud.				Height of Base Hundreds of feet. (31)	Barom. at M.S.L. (33)	Change in 3 hours. (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																										
				Dir.	Force.				Form.	Amount.	Low.	Med.				High.	Total.				Low.	Med.	High.	Total.				A.	B.	10th.	11th.	12th.	13th.																																																																																																																																																																																																																																																																																																																																																					
1	Kew Croydon Boscombe Down Thorney Island Friston	93.9 97.0 94.4 97.4	-52 -48 -66 -54	S SSE SW SW	3 2 5 5	39 39 39 44	35 36 36 38	0 0 6 0	1 2 2 2	1 1 1 1	1 1 1 1	1 1 1 1	57 57 57 57	88.4 84.2 85.1 85.8	-50 -50 -10 -42	SW SW SW SW	3 4 4 3	43 43 43 46	41 42 41 41	6 6 6 6	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1





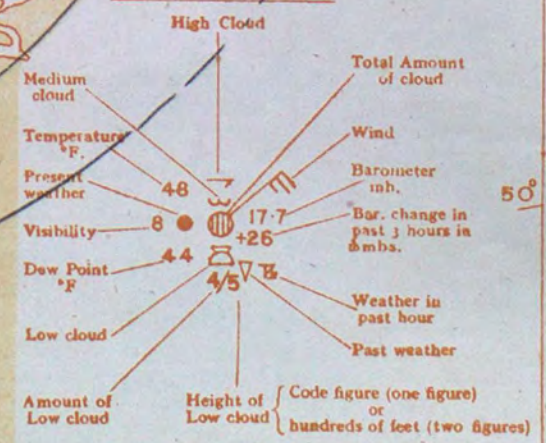
6h Monday 11th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 10th  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs Yesterday	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		15h %	9h % To-day
Kew	cmx	60m	C60r	43	38	32	3	0.2	0.0		
Croydon	bcc	max	cm	45	39	39	7	3	0.0		
Greenwich	smcr			44	38	29	2	1	0.0	87	86
Westminster				45	35	29				81	92
Regents Park				45	36	33	3	-		91	91
Camden Square	or	c		44	34	30	3	-			92
Kensington	ccr	cbc		43	34	26	3	1		94	94
Hampstead	omx	or	orbc	40	32	28	3	1		96	

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.4 Time 8.10 Min 0.1 Time 0.6h

**STATION MODEL**





# GENERAL INFERENCE

A depression centred off SE Scotland is moving slowly. For ESE and a trough to Ireland is swinging SE.

There will be rainfall cloud in the British Isles with showers in Ireland. Western districts of England and later in W. Scotland. More general cloud cover with some sleet or snow exists in much of E. Scotland and this may extend to Eastern coastal areas of England later. It will be cold in all areas and slight frost is likely in many inland areas tonight

# FURTHER OUTLOOK

Similar at first, rain in West later spreading East.

## Chart of Weather in the Northern Hemisphere.

Morning of

Monday 11<sup>th</sup> December

1944.

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

Statute Miles 0 1 2 3 4 5 6 7 8 9 10

### EXPLANATION OF CHART.

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. ☁ Slight haze. ☁

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

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.Monday 11th December 1944  
No. 30335

OBSERVATIONS at 00hr. G.M.T. 11th December															OBSERVATIONS at 06hr. G.M.T. 11th December															PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun- shine 10th Hrs.					
					Dir.	Force.				Form.	Amount.		Dir.				Force.	Form.				Amount.																	
											Low.	High.										Low.	High.	Low.	High.														
1	Kew	16	85.0	+0	SW	4	41	38	5	7	4	4	20	85.0	-1	WSW	2	20	39	35	6	5	4	4	25	85.0	-1	1	43	38	32	3	0.2	0.0					
	Croydon	217	85.0	+0	SW	4	41	38	5	7	4	4	20	85.6	-2	SSW	3	20	40	35	5	5	3	3	30	85.6	-2	1	45	39	33	7	0.3	0.0					
	Boscombe Down	417	86.0	+10	WS	4	39	37	7	10	4	4	25	86.2	-2	WSW	3	20	40	38	7	5	3	3	30	86.2	-2	1	45	38	34	6	1	0.3					
	Thorney Island	10	86.1	+4	WS	4	42	38	6	10	4	4	20	86.7	-2	WSW	3	20	42	39	6	5	3	3	10	86.7	-2	1	47	39	31	5	0.1	0.0					
	Friston	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	Lympe	341	85.3	0	SW	2	40	39	5	—	2	2	25	86.4	0	WSW	2	20	38	37	6	—	3	—	—	100	86.4	0	1	41	37	31	7	1	0.0				
	Manston	140	84.7	-2	SW	3	42	40	6	—	4	3	20	85.9	+2	SSW	3	20	39	36	6	—	7	—	—	—	85.9	+2	1	42	38	35	5	2	0.0				
2	North Weald	244	84.0	+10	SW	3	39	38	5	—	3	3	30	85.8	+6	SW	3	20	37	35	5	—	3	3	—	30	85.8	+6	1	41	37	—	—	—	—				
	Felixstowe	10	83.7	0	SW	4	42	39	6	—	3	3	—	85.0	+2	SW	3	6	37	37	6	—	—	—	—	—	85.0	+2	1	41	36	32	6	0.5	0.0				
	Corlestone	5	82.1	+12	SW	4	42	38	7	—	3	3	10	84.2	+34	SW	2	6	38	36	7	—	3	3	—	15	84.2	+34	1	41	35	31	4	6	0.0				
	Mildenhall	15	82.5	+6	SW	4	41	38	6	—	7	7	—	83.6	+2	SSW	4	20	38	35	6	—	5	—	—	30	83.6	+2	1	39	37	33	2	0.5	0.0				
	Bircham Newton	221	81.1	+2	WSW	5	40	38	5	—	8	8	—	83.0	+6	WSW	4	20	37	35	6	—	5	—	—	30	83.0	+6	1	37	37	—	—	—	—				
	Cranwell	203	81.1	+10	WSW	5	38	37	5	—	8	8	—	82.7	+4	SSW	3	20	37	36	5	—	5	—	—	18	82.7	+4	1	46	35	32	5	4	0.0				
3	Cranfield	340	83.6	+8	SW	3	39	36	7	—	1	1	—	84.5	+6	SSW	2	6	35	33	7	—	4	—	—	100	84.5	+6	1	40	35	30	4	—	—				
	Honiley	427	82.2	+10	SW	4	38	35	8	—	3	3	—	83.1	+4	SSW	4	20	38	36	8	—	7	5	6	25	83.1	+4	1	42	36	31	5	—	—				
4	Little Rissington	731	83.6	+6	WSW	4	38	35	7	—	4	4	—	84.0	+2	WSW	2	20	35	35	7	—	6	6	—	5	84.0	+2	1	35	31	6	—	—	—				
	Shobden	318	82.9	+2	W	4	40	30	7	—	4	4	—	83.6	+4	SSW	3	20	40	37	7	—	6	4	—	20	83.6	+4	1	44	37	30	5	—	—				
5	Bristol	209	82.9	+6	W	4	42	39	6	—	3	3	—	85.3	-1	SSW	3	20	41	39	6	—	4	4	—	25	85.3	-1	1	46	38	32	5	0.2	0.0				
	Chivenor	20	86.6	+6	W	4	45	42	8	—	4	4	—	85.7	-2	WSW	3	20	43	41	8	—	5	2	—	15	85.7	-2	1	48	39	33	3	—	—				
	Yeovilton	59	85.7	+4	SW	2	41	37	7	—	2	2	—	85.7	-2	SSW	2	6	41	38	7	—	3	3	—	25	85.7	-2	1	48	39	33	2	—	—				
	Portland Bill	32	87.5	+4	SW	5	47	45	8	—	4	4	—	87.3	-6	SW	5	20	47	45	8	—	5	5	—	50	87.3	-6	1	48	46	—	—	—	—				
	Exeter	100	86.8	+4	W	3	43	38	6	—	4	3	—	86.3	+6	WSW	3	20	41	37	6	—	5	4	—	20	86.3	+6	1	49	39	31	3	—	—				
	Plymouth	86	88.0	+2	WS	4	44	44	6	—	4	4	—	87.1	-6	WSW	3	20	45	42	6	—	5	4	—	25	87.1	-6	1	49	42	42	9	0.5	0.2				
	St. Eval	345	88.0	0	W	4	44	44	7	—	4	3	—	87.2	-6	WSW	3	20	46	43	7	—	5	4	—	15	87.2	-6	1	48	43	39	4	—	—				
	The Lizard	240	89.1	0	WSW	6	47	43	6	—	4	4	—	88.6	0	W	6	20	46	43	7	—	4	4	—	20	88.6	0	1	46	44	—	—	—	—				
	Scilly, St. Marys	103	88.9	-2	WNW	6	47	43	8	—	4	4	—	87.6	-10	WNW	5	20	47	44	8	—	3	3	—	15	87.6	-10	1	50	44	—	—	—	—				
6	Fairwood	268	85.1	+4	W	4	43	38	7	—	4	3	—	84.6	-2	W	3	20	40	38	7	—	3	3	—	—	84.6	-2	1	48	38	33	8	—	—				
	Pembroke	142	84.3	0	W	6	47	40	8	—	8	8	—	83.9	-4	W	4	20	47	42	8	—	7	7	—	22	83.9	-4	1	48	40	—	—	—	—				
	Aberporth	425	84.3	0	W	6	47	40	8	—	8	8	—	83.8	-2	WNW	4	20	47	42	8	—	7	7	—	20	83.8	-2	1	47	42	39	2	0.4	0.5				
7	Penrhos	63	82.2	0	WSW	4	44	40	8	—	5	5	—	82.4	+2	WSW	3	20	44	41	7	—	4	4	—	25	82.4	+2	1	46	42	39	13	—	—				
	Holyhead, Valley	32	81.4	+4	WNW	5	44	40	8	—	8	5	—	80.9	+2	WNW	4	20	43	40	7	—	4	4	—	30	80.9	+2	1	46	42	39	5	0.1	—				
	Hawarden	15	81.9	0	W	2	43	36	7	—	4	4	—	81.9	+2	W	2	20	40	38	7	—	4	4	—	20	81.9	+2	1	38	37	30	5	0.6	0.0				
8	Manchester	230	80.9	+2	W	3	37	36	4	—	8	8	—	81.5	+2	SSW	3	20	39	38	6	—	8	5	—	8	81.5	+2	1	38	35	35	6	—	—				
	Squires Gate	39	80.7	+4	SSE	2	35	34	5	—	4	4	—	81.1	+4	W	3	20	42	41																			



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

SECRET

Tuesday 12<sup>th</sup> December 1944

No. 30336

OBSERVATIONS at 12h. G.M.T. 11<sup>th</sup> DecemberOBSERVATIONS at 18h. G.M.T. 11<sup>th</sup> December

PAST 24 HOURS

DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (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. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (°F.) (22)	Dew Point. (°F.) (23)	Visibility. (miles) (24)	Cloud.					Height of Base Hundreds of feet. (31) (32)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.																		
				Dir.	Force.					Form.	Amount.	Total.	Low.	Med.				High.	Total.					Low.	Med.	High.	Total.	Low.				Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	11th	12th	11th	12th
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(41)	(42)	(43)	(44)																							
1	Kew ... Croydon ... Boscombe Down ... Thornby Island ... Friston ...	85.8 86.1 86.7 86.8	+0 +0 +0 -2	WSW WSW WSW WSW	2 2 2 2	N N N N	44 45 42 47	39 38 39 40	6 6 6 6	1 1 1 1	3 3 3 3	4 4 4 4	7 7 7 7	2 2 2 2	2 2 2 2	15 16 16 20	- -																																	



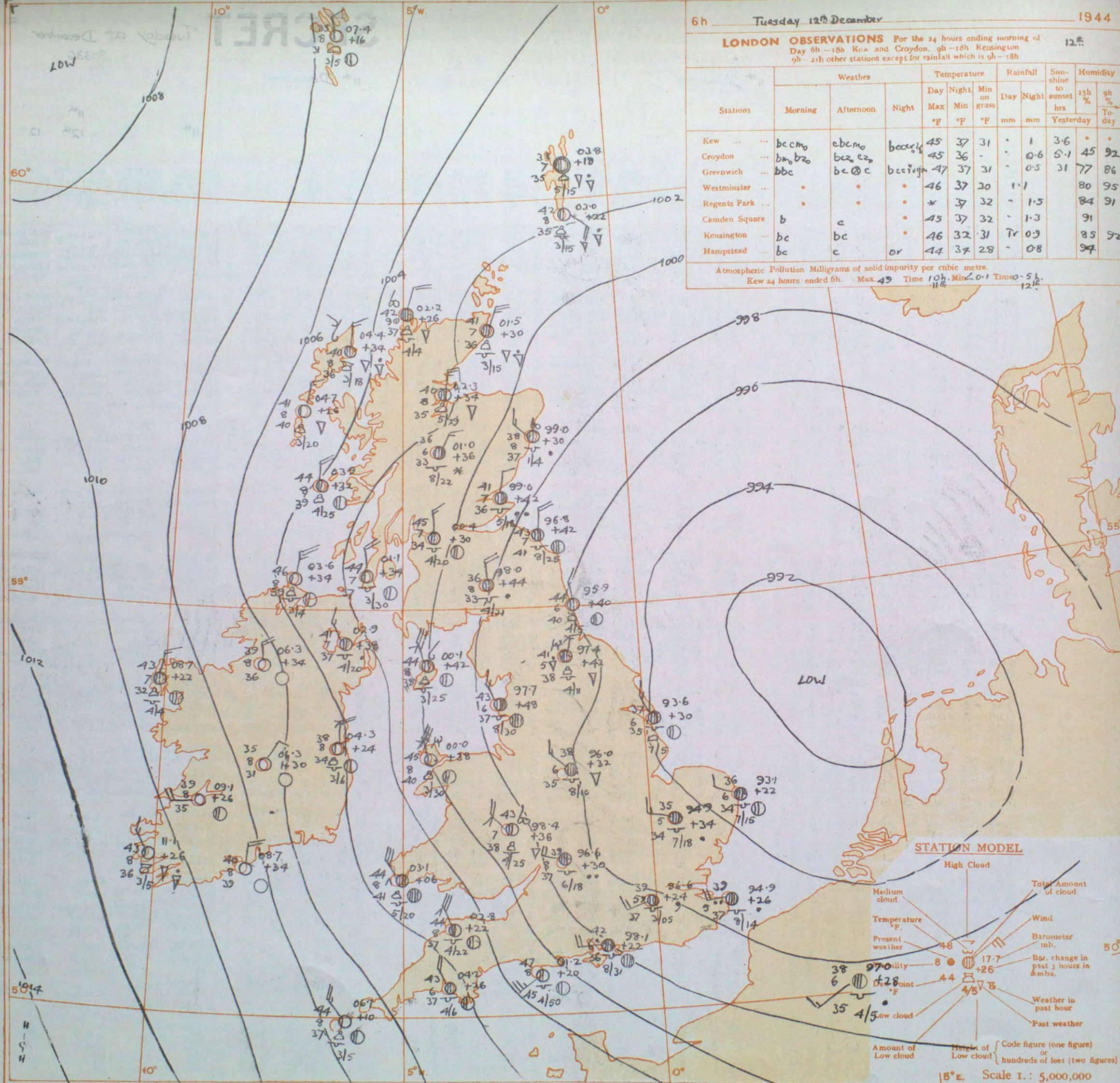
6h Tuesday 12th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of  
Day 6h-18h Kew and Croydon. 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				°C	°C	°F	mm	mm		Yesterday	To-day
Kew ...	becmo	ebcmo	becvlg	45	37	31	•	1	3.6	•	•
Croydon ...	bmo bzo	bcz cz	becvlg	45	36	-	•	0.6	5.1	45	92
Greenwich ...	bbc	bc c	becvlg	47	37	31	-	0.5	31	77	86
Westminster ...	•	•	•	46	37	30	1.1			80	95
Regents Park ...	•	•	•	*	37	32	-	1.5		84	91
Camden Square	b	c	•	45	37	32	-	1.3		91	
Kensington ...	bc	bc	•	46	32	31	Tr	0.9		85	92
Hampstead ...	bc	c	or	44	37	28	-	0.8		94	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max 49 Time 10h. Min 20.1 Time 0-5h.





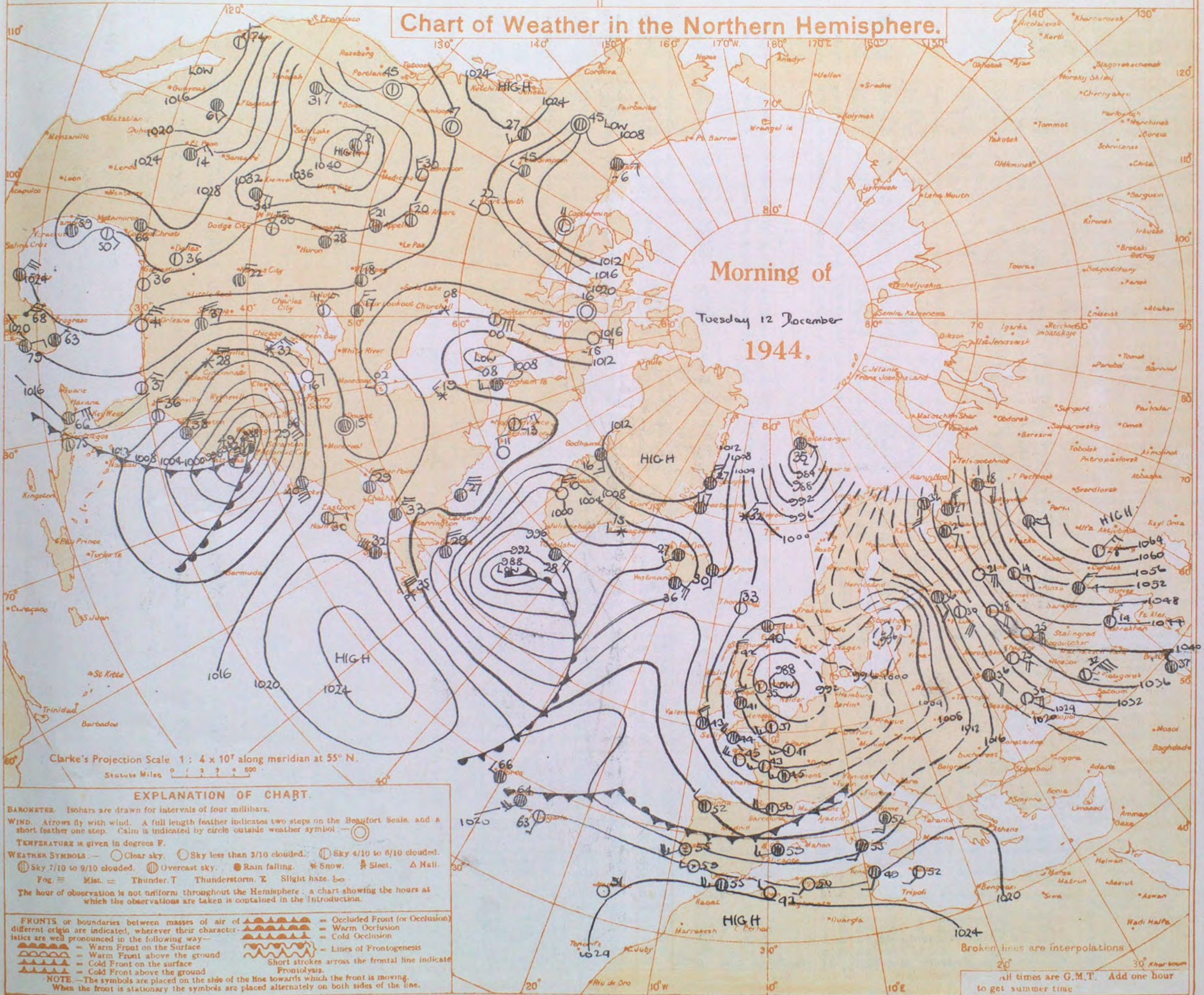
## GENERAL INFERENCE

A depression over the North Sea is moving east-southeast and filling up and a ridge of high pressure west of Ireland is moving east. There will be showers in the East at first but weather will become fine later. In the West weather will be fair at first apart from local showers, but rain is likely in Ireland tomorrow morning. Morning fog will occur in many districts of Great Britain. It will be rather cooler with frost at night.

## FURTHER OUTLOOK

Fair at first in the East.  
Rain in the West spreading east.

## Chart of Weather in the Northern Hemisphere.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Tuesday 12th December 1944  
No. 30336

OBSERVATIONS at 00hr. G.M.T. 12th December																	OBSERVATIONS at 06hr. G.M.T. 12th December																	PAST 24 HOURS.									
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.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine Hrs.					
					Dir.	Force.					Form.	Amount.			Height of Base Hundreds of feet.	Dir.			Force.	Form.					Amount.			Height of Base Hundreds of feet.	Max. Day 6h-18h	Min. Night 18h-6h			Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.								
												Low.	Med.	High.											Low.	Med.	High.									Low.	Med.		High.				
1	Kew	16						38							96.5	+28	W	3			40	38	6	5	1	1	1	1	45	37	31	-	-	3.3									
	Croydon	217	91.7	+26	WSW	3	bc	37	36	6					96.6	+24	WSW	3	id.	39	37	5	5	1	1	1	1	45	36	31	-	-	5.1										
	Boscombe Down	417	90.5	+20	W	4	bc	36	32	7					98.5	+26	WNW	4	bc	41	36	7	5	1	1	1	1	46	35	31	Tr	Tr	2.4										
	Thorney Island	10	90.6	+30	E	4	bc	37	37	7					98.1	+22	W	4	bc	42	36	6	5	1	1	1	1	48	37	32	Tr	Tr											
	Friston																																										
2	Lympe	341	92.0	+28	W	4	N	38	36	5					95.6	+14	W	4	N	39	35	5	2	1	1	1	1	47	34	29	-	-	4.4										
	Manston	140	90.2	+6	WS	3	bc	41	38	5					94.9	+26	W	6	N	39	37	5	5	1	1	1	1	47	36	33	-	-											
	North Weald	244	90.9	+22	WNW	3	bc	35	32	4					96.7	+26	W	4	N	40	33	6	5	1	1	1	1	44	35	32	Tr	Tr	1.3										
	Felixstowe	10	90.9	+18	WNW	4	bc	39	36	6					94.3	+26	W	4	N	38	36	6	5	1	1	1	1	42	36	30	-	-	0.2										
	Gorleston	5	90.9	+20	WNW	2	bc	37	34	6					93.1	+22	WNW	2	N	36	34	6	5	1	1	1	1	43	34	30	-	-											
3	Mildenhall	15	90.6	+22	WS	2	bc	35	33	6					94.9	+34	WNW	3	bc	36	34	5	5	1	1	1	1	47	34	31	Tr	Tr	0.0										
	Bircham Newton	221	90.4	0	WSW	3	N	35	35	5					94.6	+30	WNW	3	bc	35	35	5	5	1	1	1	1	43	32	31	Tr	Tr	1.7										
	Cranwell	203	90.5	+6	WSW	2	N	36	35	5					94.9	+32	WNW	2	N	37	35	5	5	1	1	1	1	43	34	31	Tr	Tr											
	Cranfield	340	90.8	+24	WSW	3	bc	36	32	6					96.2	+34	W	2	N	38	35	6	5	1	1	1	1	43	35	29	Tr	Tr											
	Honiley	427	90.6	+22	W	4	bc	35	33	6					96.1	+38	WNW	3	N	41	37	6	5	1	1	1	1	44	34	29	Tr	Tr											
4	Little Rissington	731	91.1	+14	WNW	4	bc	36	34	6					96.6	+30	WNW	4	bc	39	37	8	5	1	1	1	1	44	36	30	Tr	Tr											
	Shobden	318	92.0	+20	W	4	bc	41	36	7					98.4	+36	WNW	4	bc	43	38	7	5	1	1	1	1	44	36	30	Tr	Tr											
	Bristol	209	91.5	+24	W	4	bc	38	35	6					99.6	+34	WNW	4	bc	42	38	6	5	1	1	1	1	47	34	30	Tr	Tr	2.2										
	Chivenor	20	91.5	+30	WNW	3	bc	42	34	8					92.8	+22	WNW	4	bc	44	37	8	5	1	1	1	1	50	40	35	Tr	Tr											
	Yeovilton	50	95.0	+30	W	3	bc	39	32	8					99.9	+26	WNW	4	bc	44	37	7	5	1	1	1	1	47	39	40	Tr	Tr											
5	Portland Bill	32	90.9	+34	WSW	5	bc	48	46	3					91.2	+20	W	5	bc	47	45	8	5	1	1	1	1	49	47	33	Tr	Tr											
	Exeter	100	90.7	+28	WNW	3	bc	38	30	7					91.9	+24	W	4	bc	43	34	8	5	1	1	1	1	47	36	33	Tr	Tr	2.4										
	Plymouth	86	90.6	+36	WNW	3	bc	40	32	6					94.2	+26	WNW	4	bc	43	37	6	5	1	1	1	1	48	38	36	Tr	Tr											
	St. Eval	345	90.9	+34	WNW	4	bc	41	29	6					95.4	+26	WNW	5	bc	44	38	8	5	1	1	1	1	48	40	36	Tr	Tr											
	The Lizard	240	90.5	+34	WNW	5	bc	41	33	7					95.4	+36	WNW	5	bc	44	39	7	5	1	1	1	1	50	41	36	Tr	Tr	2.1										
6	Scilly, St. Marys	163	91.3	+40	WNW	5	bc	44	38	8					96.7	+10	WNW	5	bc	44	37	8	5	1	1	1	1	50	42	30	Tr	Tr	3.9										
	Fairwood	268	90.8	+24	WNW	4	bc	40	37	7					91.8	+30	WNW	5	bc	42	37	7	5	1	1	1	1	45	35	30	Tr	Tr	0.8										
	Pembroke	142	91.0	+30	WNW	6	bc	43	38	8					93.1	+6	WNW	5	bc	44	41	7	5	1	1	1	1	47	40	39	Tr	Tr											
	Aberporth	425	91.0	+30	WNW	6	bc	43	38	8					91.3	+34	WNW	5	bc	44	37	7	5	1	1	1	1	45	39	35	Tr	Tr											
	Penrhos	63	90.4	+26	WNW	6	bc	44	37	7					90.2	+38	WNW	6	bc	45	41	8	5	1	1	1	1	45	40	38	Tr	Tr											
7	Holyhead, Valley	32	90.2	+32	WNW	7	bc	44	39	6					90.0	+38	WNW	6	bc	45	40	8	2	6	3	3	2	43	41	37	2	0.4											
	Hawarden	15	90.7	+24	WNW	4	bc	41	39	6					97.7	+26	WNW	6	bc	43	39	7	5	2	2	2	2	42	35	32	3	0.2											
	Manchester	230	90.9	+18	WNW	3	bc	36	34	6					96.2	+18	WNW	3	bc	39	36	6	4	1	1	1	1	40	35	33	3	0.6											
	Squires Gate	30	90.9	+22	WNW	3	bc	40	36	6					97.7	+48	WNW	3	bc	43	37	6	5	7	1	1	1	42	37	35	0.3	0.3											
	Silloth	25	92.7	+40	WNW	6	bc	43	36	8					98.5	+44	WNW	2	bc	43	36	7	5	7	1	1	1	38	35	34	0.2	0.3											
8	Ashbourne	590	90.8	+22	WNW	3	bc	35	34	5					96.0	+32	WNW	3	bc	38	35	6	5	1	1	1	1	39	33	33	1	0.5											
	Snaith	30	90.8	+26	WNW	2	bc	35	33	4					95.2	+52	WNW	3	bc	35	33	4	5	3	4	3	3	40	33	29	1	0.5											
	Spurn Head	29	90.4	+24	WNW	3	bc	37	32	6					93.6	+30	WNW	3	bc	37	35	6	5	1	1	1	1	42	35	31	1	0.3											
	Leeming	105	90.5	+26	WNW	3	bc	38	34	5					95.4	+40	WNW	3	bc	37	36	6	5	1	1	1	1	37	34	31	0.1	0.3											
	Tynemouth	168	90.2	+22	WNW</																																						



PAST 24 HOURS

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



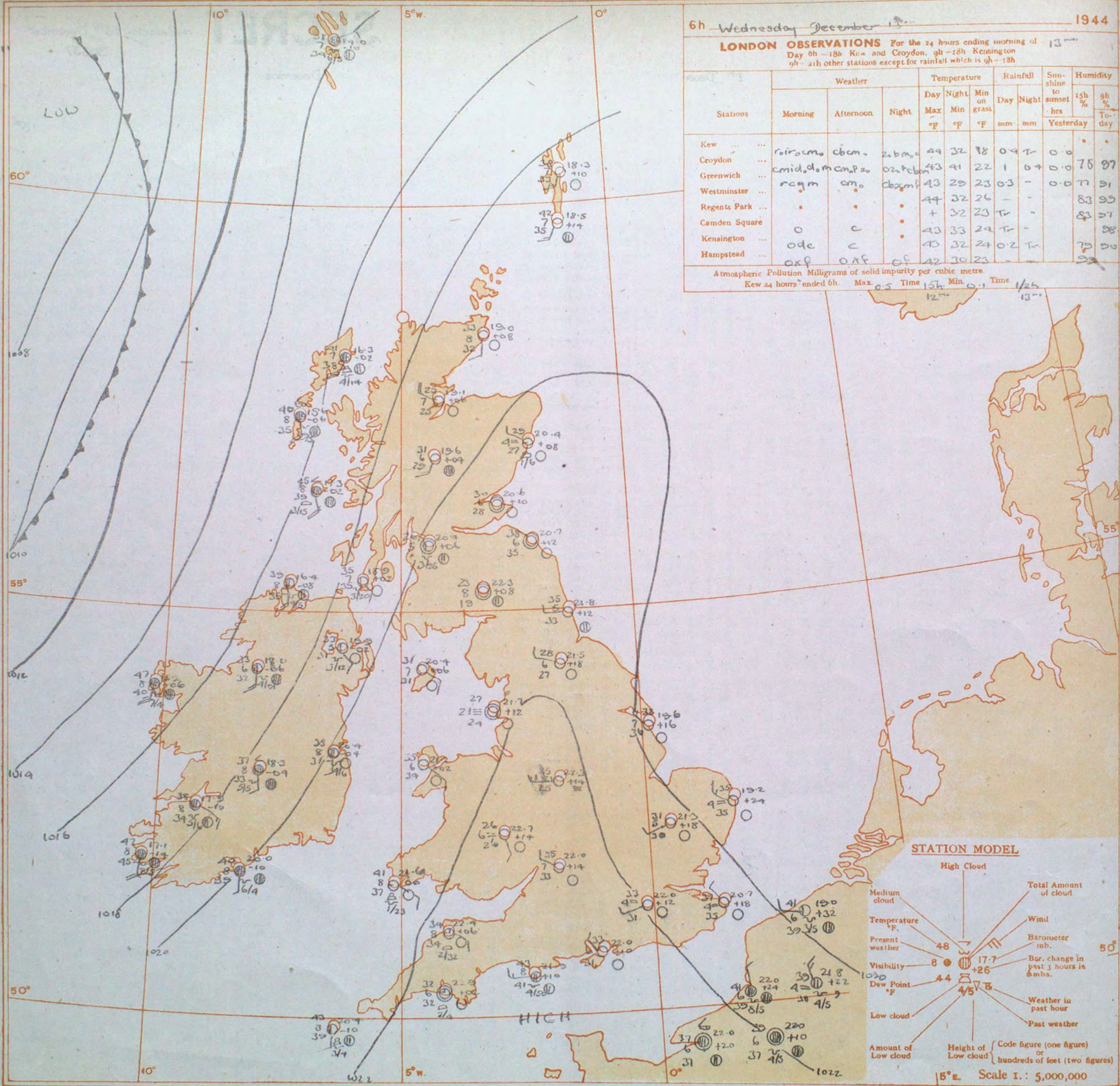
6h Wednesday December 13 1944

LONDON OBSERVATIONS For the 24 hours ending morning of 13  
Day 6h-18h Kew and Croydon. 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

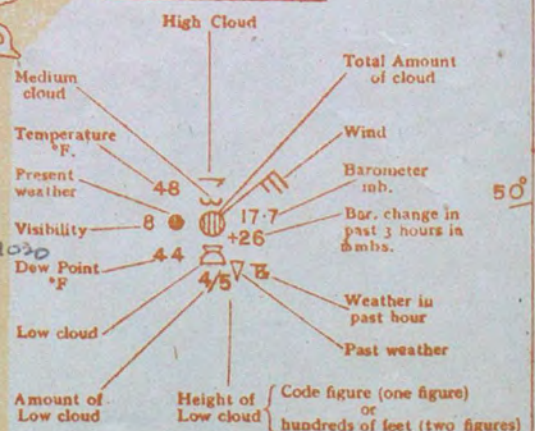
Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		15h %	9h %
Kew	rcir, cm	cbm.	2.6m.	44	32	18	0.4	1	0.0		
Croydon	cmid, dom	cm, p. 2	0.2, p. 2	43	41	22	1	0.4	0.0	76	87
Greenwich	rcym	cm.	cb, m	43	29	23	0.3	-	0.0	77	91
Westminster				44	32	26	-	-		83	95
Regents Park				43	32	23	Tr	-		83	97
Camden Square	o	c		43	33	24	Tr	-		79	98
Kensington	ode	c		43	32	24	0.2	Tr		79	98
Hampstead	o, f	o, f	o, f	42	30	23	-	-		83	99

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.5 Time 12h Min. 0.1 Time 1/25



STATION MODEL



Scale 1 : 5,000,000



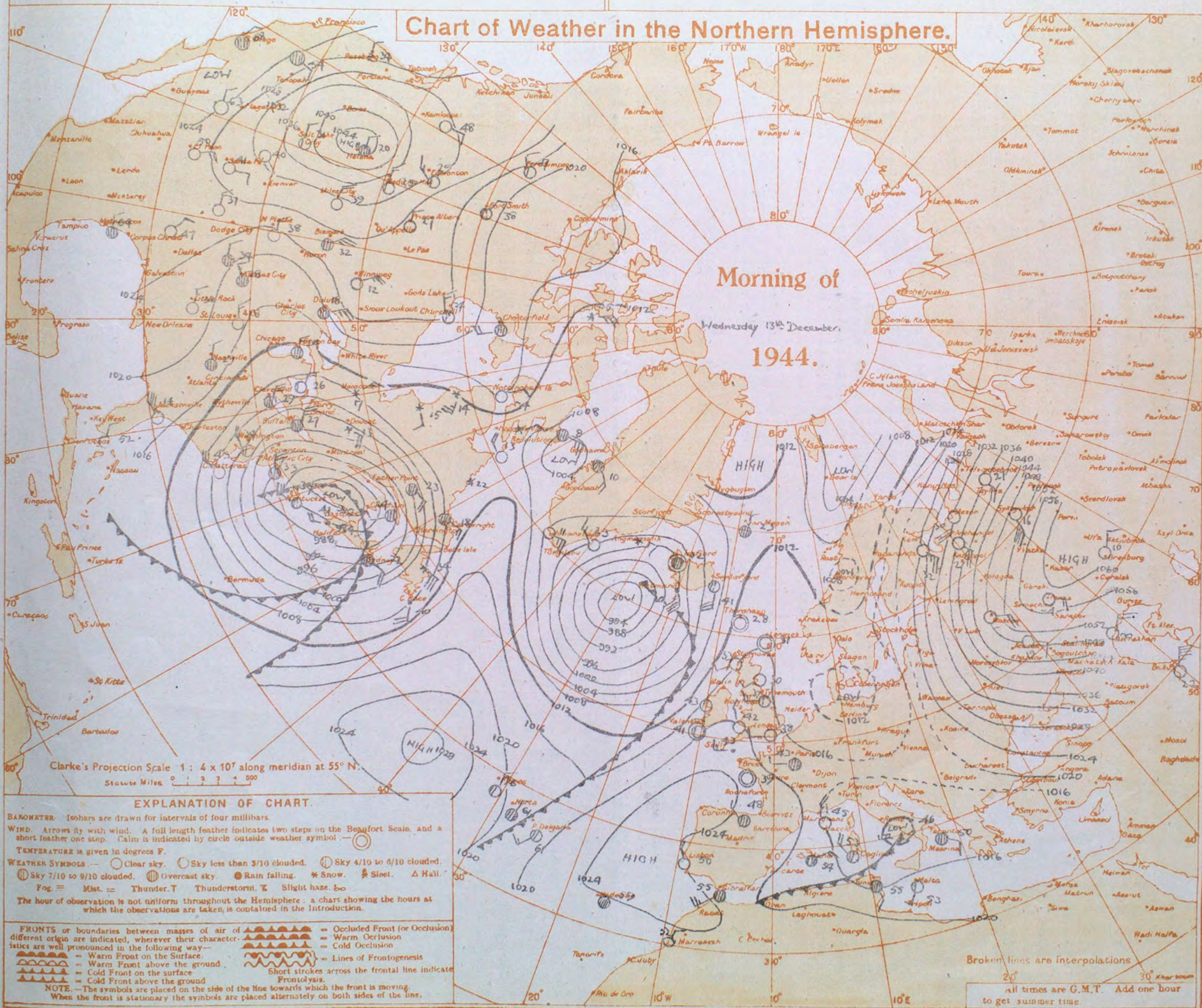
# GENERAL INFERENCE

A ridge of high pressure over Great Britain is intensifying and moving Eastwards. A developing depression West of Ireland will move NNE and an associated trough will swing South eastwards giving occasional rain in our NW districts later. Elsewhere it will be dry. There will however be much mist and fog over England. A slight and temporary improvement will occur this afternoon but fog will again develop extensively this evening. During the night winds will freshen considerably from South and fog will largely disperse. It will be mainly cold but milder conditions will spread slowly across from West.

# FURTHER OUTLOOK

Milder SW'ly type with rain at times, more especially in the NW.

## Chart of Weather in the Northern Hemisphere.





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

Wednesday 13th December 1944

No. 30337

OBSERVATIONS at 00hr. G.M.T. 13th December																	OBSERVATIONS at 06hr. G.M.T. 13th December																	PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 12th Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					Dir.	Force.				Weather.	Form.	Amount.			Height of Base Hundreds of feet.			Form.	Amount.				Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.			Height of Base Hundreds of feet.	Max. Day 6h-18h	Min. Night 18h-6h	Min. on Grass	Day 6h-18h mm.		Night 18h-6h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
												Low.	Med.	High.					Total.									A.										B.	Low.	Med.	High.	Total.	A.	B.	A.	B.	C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	Kew	16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Thursday 14 December 1944  
No. 30338

OBSERVATIONS at 12h. G.M.T. 13 December																	OBSERVATIONS at 18h. G.M.T. 13 December																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Dew Point °F. (7)	Visibility. m. (8)	Cloud.				Height of Base Hundreds of feet. A. B. (15) (16)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (22)	Dew Point °F. (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. A. B. (25) (26)	Barom. at M.S.L. mb. (27)	Change in 3 hours. (28)	Wind.		Weather.	Temp. °F. (31)	Dew Point °F. (32)	Visibility. m. (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Direc.	Force.					Low.	Med.	High.	Total.				A. 0-9 (29)	B. 0-9 (30)					A. 0-9 (31)	B. 0-9 (32)	State of Ground. (33)	Sea. 0-9 (34)				06h.-12h. 13 (41)	12h.-18h. 13 (42)					18h.-00h. 14 (43)	00h.-06h. 14 (44)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
																																						Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															



6h Thursday December 14<sup>th</sup>

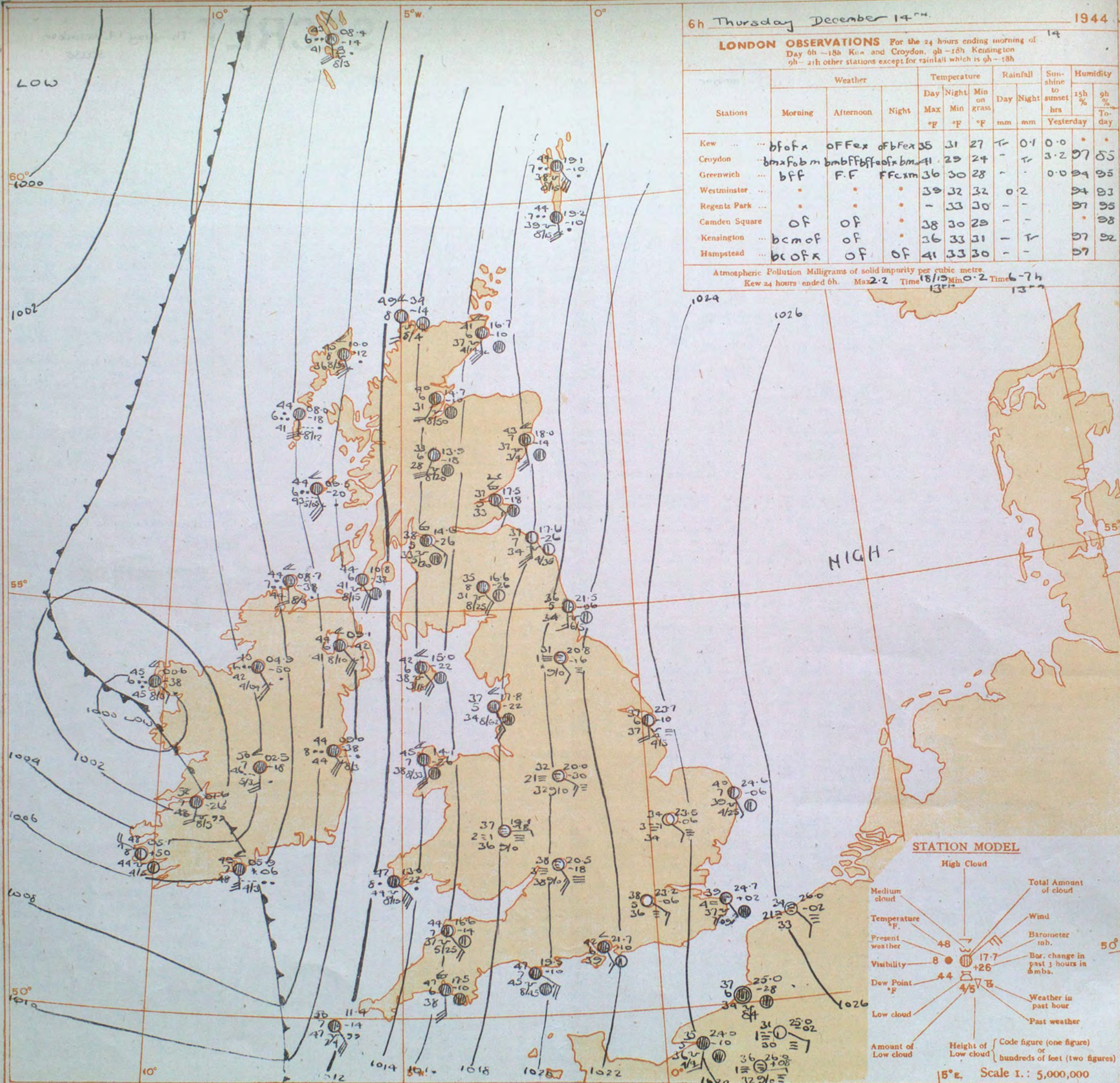
1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		Yesterday	To- day
Kew	b f o f x	o f f e x	o f f e x	35	31	27	0.1	0.0	0.0	97	95
Croydon	b m x f o b m	b m b f f b f f o f x b m	41	29	24	-	-	-	3.2	97	95
Greenwich	b f f	F. F	F f c x m	36	30	28	-	-	0.0	94	93
Westminster	.	.	.	39	32	32	0.2	-	-	94	93
Regents Park	.	.	.	-	33	30	-	-	-	97	95
Camden Square	o f	o f	.	38	30	29	-	-	-	97	92
Kensington	b c m o f	o f	.	36	33	31	-	-	-	97	92
Hampstead	b c o f x	o f	o f	41	33	30	-	-	-	97	92

Atmospheric Pollution Milligrams of solid impurity per cubic metre

Kew 24 hours ended 6h. Max 2.2 Time 18/15 Min 0.2 Time 6-7h





# GENERAL INFERENCE

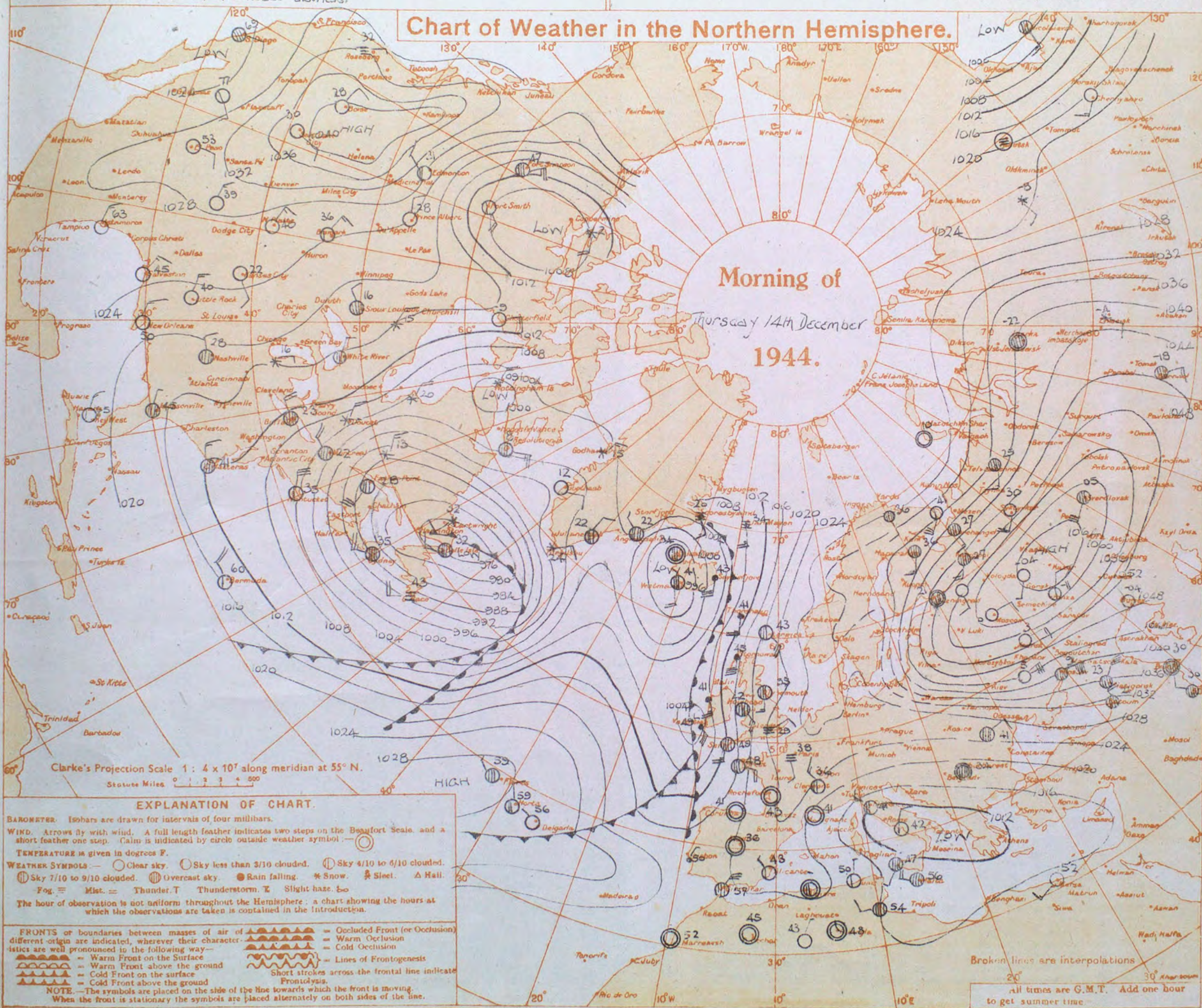
Pressure is high to the East of the British Isles; a depression near West Ireland is moving rather quickly north, and an associated trough to the South will move East across Scotland and Ireland into England but will weaken. There will be much cloud in all districts; rain in Ireland and western districts of Gt. Britain will extend eastwards across Scotland and west England and into Wales. Amounts in the South are expected to be small. There will be poor visibility over most of East England and Midlands, with fog at times. It will be cold in most areas but will become milder in northwest districts.

# FURTHER OUTLOOK

Little change in South; further rain spreading to Northwest districts

↓ Gale warning in operation in all districts except O. 2. 3.  
Times of issue 1825, 2145, on the 13th Dec, and 0200, 1720, on 14th Dec 1944.

## Chart of Weather in the Northern Hemisphere.





<p>0 = Nil    2 = <math>\frac{1}{16}</math>    4 = <math>\frac{1}{4}</math>    6 = <math>\frac{9}{16}</math></p> <p>1 = Trace    3 = <math>\frac{1}{8}</math>    5 = <math>\frac{1}{2}</math>    7 = More than 9 but with openings.    8 = Completely covered.    9 = Sky obscured by fog etc.</p>	<p>Columns 13, 14, 15, 16, 29, 30, 31, 32.</p> <p>A = Lowest cloud present.</p> <p>B = Next lowest cloud.</p>	<p>* Information not usually received.</p> <p>† oth. Observations from Dyce.</p> <p>§ Sea disturbance reported from Dungeness.</p>
--	---	--

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



[illegible]

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

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

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

\* Information not usually received

6 Sea disturbance reported from Dungeness

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



6h Friday 15<sup>th</sup> December

1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 15  
 Day 6h—18h Kew and Croydon, 9h—18h Kensington  
 9h—24h other stations except for rainfall which is 9h—18h

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	°F	°F	mm	mm	Yesterday	To-day	
Kew	bcl x cm	cm w	cm w	43	38	34	-	-	0.0	.	.
Croydon	bcl bcl cm	cm z cm	cm	32	38	33	-	-	0.0	75	85
Greenwich	cm	cm	cm of	42	36	29	-	-	0.0	84	94
Westminster	.	.	.	44	38	33	-	-		75	85
Regents Park	.	.	.	42	38	32	-	-		68	91
Camden Square	0	c	.	42	38	31	-	-		.	92
Kensington	cm bc	c	.	43	37	31	T	T		83	89
Hampstead	0	of	of	41	34	27	-	-		58	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max 0.3 Time 7/34 Min 0.1 Time 4/34

1018 1020 1022 1024 1026 1028 1030 1032 1034 1036 1038 1040 1042 1044 1046 1048 1050 1052 1054 1056 1058 1060 1062 1064 1066 1068 1070 1072 1074 1076 1078 1080 1082 1084 1086 1088 1090 1092 1094 1096 1098 1100 1102 1104 1106 1108 1110 1112 1114 1116 1118 1120 1122 1124 1126 1128 1130 1132 1134 1136 1138 1140 1142 1144 1146 1148 1150 1152 1154 1156 1158 1160 1162 1164 1166 1168 1170 1172 1174 1176 1178 1180 1182 1184 1186 1188 1190 1192 1194 1196 1198 1200 1202 1204 1206 1208 1210 1212 1214 1216 1218 1220 1222 1224 1226 1228 1230 1232 1234 1236 1238 1240 1242 1244 1246 1248 1250 1252 1254 1256 1258 1260 1262 1264 1266 1268 1270 1272 1274 1276 1278 1280 1282 1284 1286 1288 1290 1292 1294 1296 1298 1300 1302 1304 1306 1308 1310 1312 1314 1316 1318 1320 1322 1324 1326 1328 1330 1332 1334 1336 1338 1340 1342 1344 1346 1348 1350 1352 1354 1356 1358 1360 1362 1364 1366 1368 1370 1372 1374 1376 1378 1380 1382 1384 1386 1388 1390 1392 1394 1396 1398 1400 1402 1404 1406 1408 1410 1412 1414 1416 1418 1420 1422 1424 1426 1428 1430 1432 1434 1436 1438 1440 1442 1444 1446 1448 1450 1452 1454 1456 1458 1460 1462 1464 1466 1468 1470 1472 1474 1476 1478 1480 1482 1484 1486 1488 1490 1492 1494 1496 1498 1500 1502 1504 1506 1508 1510 1512 1514 1516 1518 1520 1522 1524 1526 1528 1530 1532 1534 1536 1538 1540 1542 1544 1546 1548 1550 1552 1554 1556 1558 1560 1562 1564 1566 1568 1570 1572 1574 1576 1578 1580 1582 1584 1586 1588 1590 1592 1594 1596 1598 1600 1602 1604 1606 1608 1610 1612 1614 1616 1618 1620 1622 1624 1626 1628 1630 1632 1634 1636 1638 1640 1642 1644 1646 1648 1650 1652 1654 1656 1658 1660 1662 1664 1666 1668 1670 1672 1674 1676 1678 1680 1682 1684 1686 1688 1690 1692 1694 1696 1698 1700 1702 1704 1706 1708 1710 1712 1714 1716 1718 1720 1722 1724 1726 1728 1730 1732 1734 1736 1738 1740 1742 1744 1746 1748 1750 1752 1754 1756 1758 1760 1762 1764 1766 1768 1770 1772 1774 1776 1778 1780 1782 1784 1786 1788 1790 1792 1794 1796 1798 1800 1802 1804 1806 1808 1810 1812 1814 1816 1818 1820 1822 1824 1826 1828 1830 1832 1834 1836 1838 1840 1842 1844 1846 1848 1850 1852 1854 1856 1858 1860 1862 1864 1866 1868 1870 1872 1874 1876 1878 1880 1882 1884 1886 1888 1890 1892 1894 1896 1898 1900 1902 1904 1906 1908 1910 1912 1914 1916 1918 1920 1922 1924 1926 1928 1930 1932 1934 1936 1938 1940 1942 1944 1946 1948 1950 1952 1954 1956 1958 1960 1962 1964 1966 1968 1970 1972 1974 1976 1978 1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 2024 2026 2028 2030 2032 2034 2036 2038 2040 2042 2044 2046 2048 2050 2052 2054 2056 2058 2060 2062 2064 2066 2068 2070 2072 2074 2076 2078 2080 2082 2084 2086 2088 2090 2092 2094 2096 2098 2100 2102 2104 2106 2108 2110 2112 2114 2116 2118 2120 2122 2124 2126 2128 2130 2132 2134 2136 2138 2140 2142 2144 2146 2148 2150 2152 2154 2156 2158 2160 2162 2164 2166 2168 2170 2172 2174 2176 2178 2180 2182 2184 2186 2188 2190 2192 2194 2196 2198 2200 2202 2204 2206 2208 2210 2212 2214 2216 2218 2220 2222 2224 2226 2228 2230 2232 2234 2236 2238 2240 2242 2244 2246 2248 2250 2252 2254 2256 2258 2260 2262 2264 2266 2268 2270 2272 2274 2276 2278 2280 2282 2284 2286 2288 2290 2292 2294 2296 2298 2300 2302 2304 2306 2308 2310 2312 2314 2316 2318 2320 2322 2324 2326 2328 2330 2332 2334 2336 2338 2340 2342 2344 2346 2348 2350 2352 2354 2356 2358 2360 2362 2364 2366 2368 2370 2372 2374 2376 2378 2380 2382 2384 2386 2388 2390 2392 2394 2396 2398 2400 2402 2404 2406 2408 2410 2412 2414 2416 2418 2420 2422 2424 2426 2428 2430 2432 2434 2436 2438 2440 2442 2444 2446 2448 2450 2452 2454 2456 2458 2460 2462 2464 2466 2468 2470 2472 2474 2476 2478 2480 2482 2484 2486 2488 2490 2492 2494 2496 2498 2500 2502 2504 2506 2508 2510 2512 2514 2516 2518 2520 2522 2524 2526 2528 2530 2532 2534 2536 2538 2540 2542 2544 2546 2548 2550 2552 2554 2556 2558 2560 2562 2564 2566 2568 2570 2572 2574 2576 2578 2580 2582 2584 2586 2588 2590 2592 2594 2596 2598 2600 2602 2604 2606 2608 2610 2612 2614 2616 2618 2620 2622 2624 2626 2628 2630 2632 2634 2636 2638 2640 2642 2644 2646 2648 2650 2652 2654 2656 2658 2660 2662 2664 2666 2668 2670 2672 2674 2676 2678 2680 2682 2684 2686 2688 2690 2692 2694 2696 2698 2700 2702 2704 2706 2708 2710 2712 2714 2716 2718 2720 2722 2724 2726 2728 2730 2732 2734 2736 2738 2740 2742 2744 2746 2748 2750 2752 2754 2756 2758 2760 2762 2764 2766 2768 2770 2772 2774 2776 2778 2780 2782 2784 2786 2788 2790 2792 2794 2796 2798 2800 2802 2804 2806 2808 2810 2812 2814 2816 2818 2820 2822 2824 2826 2828 2830 2832 2834 2836 2838 2840 2842 2844 2846 2848 2850 2852 2854 2856 2858 2860 2862 2864 2866 2868 2870 2872 2874 2876 2878 2880 2882 2884 2886 2888 2890 2892 2894 2896 2898 2900 2902 2904 2906 2908 2910 2912 2914 2916 2918 2920 2922 2924 2926 2928 2930 2932 2934 2936 2938 2940 2942 2944 2946 2948 2950 2952 2954 2956 2958 2960 2962 2964 2966 2968 2970 2972 2974 2976 2978 2980 2982 2984 2986 2988 2990 2992 2994 2996 2998 3000 3002 3004 3006 3008 3010 3012 3014 3016 3018 3020 3022 3024 3026 3028 3030 3032 3034 3036 3038 3040 3042 3044 3046 3048 3050 3052 3054 3056 3058 3060 3062 3064 3066 3068 3070 3072 3074 3076 3078 3080 3082 3084 3086 3088 3090 3092 3094 3096 3098 3100 3102 3104 3106 3108 3110 3112 3114 3116 3118 3120 3122 3124 3126 3128 3130 3132 3134 3136 3138 3140 3142 3144 3146 3148 3150 3152 3154 3156 3158 3160 3162 3164 3166 3168 3170 3172 3174 3176 3178 3180 3182 3184 3186 3188 3190 3192 3194 3196 3198 3200 3202 3204 3206 3208 3210 3212 3214 3216 3218 3220 3222 3224 3226 3228 3230 3232 3234 3236 3238 3240 3242 3244 3246 3248 3250 3252 3254 3256 3258 3260 3262 3264 3266 3268 3270 3272 3274 3276 3278 3280 3282 3284 3286 3288 3290 3292 3294 3296 3298 3300 3302 3304 3306 3308 3310 3312 3314 3316 3318 3320 3322 3324 3326 3328 3330 3332 3334 3336 3338 3340 3342 3344 3346 3348 3350 3352 3354 3356 3358 3360 3362 3364 3366 3368 3370 3372 3374 3376 3378 3380 3382 3384 3386 3388 3390 3392 3394 3396 3398 3400 3402 3404 3406 3408 3410 3412 3414 3416 3418 3420 3422 3424 3426 3428 3430 3432 3434 3436 3438 3440 3442 3444 3446 3448 3450 3452 3454 3456 3458 3460 3462 3464 3466 3468 3470 3472 3474 3476 3478 3480 3482 3484 3486 3488 3490 3492 3494 3496 3498 3500 3502 3504 3506 3508 3510 3512 3514 3516 3518 3520 3522 3524 3526 3528 3530 3532 3534 3536 3538 3540 3542 3544 3546 3548 3550 3552 3554 3556 3558 3560 3562 3564 3566 3568 3570 3572 3574 3576 3578 3580 3582 3584 3586 3588 3590 3592 3594 3596 3598 3600 3602 3604 3606 3608 3610 3612 3614 3616 3618 3620 3622 3624 3626 3628 3630 3632 3634 3636 3638 3640 3642 3644 3646 3648 3650 3652 3654 3656 3658 3660 3662 3664 3666 3668 3670 3672 3674 3676 3678 3680 3682 3684 3686 3688 3690 3692 3694 3696 3698 3700 3702 3704 3706 3708 3710 3712 3714 3716 3718 3720 3722 3724 3726 3728 3730 3732 3734 3736 3738 3740 3742 3744 3746 3748 3750 3752 3754 3756 3758 3760 3762 3764 3766 3768 3770 3772 3774 3776 3778 3780 3782 3784 3786 3788 3790 3792 3794 3796 3798 3800 3802 3804 3806 3808 3810 3812 3814 3816 3818 3820 3822 3824 3826 3828 3830 3832 3834 3836 3838 3840 3842 3844 3846 3848 3850 3852 3854 3856 3858 3860 3862 3864 3866 3868 3870 3872 3874 3876 3878 3880 3882 3884 3886 3888 3890 3892 3894 3896 3898 3900 3902 3904 3906 3908 3910 3912 3914 3916 3918 3920 3922 3924 3926 3928 3930 3932 3934 3936 3938 3940 3942 3944 3946 3948 3950 3952 3954 3956 3958 3960 3962 3964 3966 3968 3970 3972 3974 3976 3978 3980 3982 3984 3986 3988 3990 3992 3994 3996 3998 4000 4002 4004 4006 4008 4010 4012 4014 4016 4018 4020 4022 4024 4026 4028 4030 4032 4034 4036 4038 4040 4042 4044 4046 4048 4050 4052 4054 4056 4058 4060 4062 4064 4066 4068 4070 4072 4074 4076 4078 4080 4082 4084 4086 4088 4090 4092 4094 4096 4098 4100 4102 4104 4106 4108 4110 4112 4114 4116 4118 4120 4122 4124 4126 4128 4130 4132 4134 4136 4138 4140 4142 4144 4146 4148 4150 4152 4154 4156 4158 4160 4162 4164 4166 4168 4170 4172 4174 4176 4178 4180 4182 4184 4186 4188 4190 4192 4194 4196 4198 4200 4202 4204 4206 4208 4210 4212 4214 4216 4218 4220 4222 4224 4226 4228 4230 4232 4234 4236 4238 4240 4242 4244 4246 4248 4250 4252 4254 4256 4258 4260 4262 4264 4266 4268 4270 4272 4274 4276 4278 4280 4282 4284 4286 4288 4290 4292 4294 4296 4298 4300 4302 4304 4306 4308 4310 4312 4314 4316 4318 4320 4322 4324 4326 4328 4330 4332 4334 4336 4338 4340 4342 4344 4346 4348 4350 4352 4354 4356 4358 4360 4362 4364 4366 4368 4370 4372 4374 4376 4378 4380 4382 4384 4386 4388 4390 4392 4394 4396 4398 4400 4402 4404 4406 4408 4410 4412 4414 4416 4418 4420 4422 4424 4426 4428 4430 4432 4434 4436 4438 4440 4442 4444 4446 4448 4450 4452 4454 4456 4458 4460 4462 4464 4466 4468 4470 4472 4474 4476 4478 4480 4482 4484 4486 4488 4490 4492 4494 4496 4498 4500 4502 4504 4506 4508 4510 4512 4514 4516 4518 4520 4522 4524 4526 4528 4530 4532 4534 4536 4538 4540 4542 4544 4546 4548 4550 4552 4554 4556 4558 4560 4562 4564 4566 4568 4570 4572 4574 4576 4578 4580 4582 4584 4586 4588 4590 4592 4594 4596 4598 4600 4602 4604 4606 4608 4610 4612 4614 4616 4618 4620 4622 4624 4626 4628 4630 4632 4634 4636 4638 4640 4642 4644 4646 4648 4650 4652 4654 4656 4658 4660 4662 4664 4666 4668 4670 4672 4674 4676 4678 4680 4682 4684 4686 4688 4690 4692 4694 4696 4698 4700 4702 4704 4706 4708 4710 4712 4714 4716 4718 4720 4722 4724 4726 4728 4730 4732 4734 4736 4738 4740 4742 4744 4746 4748 4750 4752 4754 4756 4758 4760 4762 4764 4766 4768 4770 4772 4774 4776 4778 4780 4782 4784 4786 4788 4790 4792 4794 4796 4798 4800 4802 4804 4806 4808 4810 4812 4814 4816 4818 4820 4822 4824 4826 4828 4830 4832 4834 4836 4838 4840 4842 4844 4846 4848 4850 4852 4854 4856 4858 4860 4862 4864 4866 4868 4870 4872 4874 4876 4878 4880 4882 4884 4886 4888 4890 4892 4894 4896 4898 4900 4902 4904 4906 4908 4910 4912 4914 4916 4918 4920 4922 4924 4926 4928 4930 4932 4934 4936 4938 4940 4942 4944 4946 4948 4950 4952 4954 4956 4958 4960 4962 4964 4966 4968 4970 4972 4974 4976 4978 4980 4982 4984 4986 4988 4990 4992 4994 4996 4998 5000 5002 5004 5006 5008 5010 5012 5014 5016 5018 5020 5022 5024 5026 5028 5030 5032 5034 5036 5038 5040 5042 5044 5046 5048 5050 5052 5054 5056 5058 5060 5062 5064 5066 5068 5070 5072 5074 5076 5078 5080 5082 5084 5086 5088 5090 5092 5094 5096 5098 5100 5102 5104 5106 5108 5110 5112 5114 5116 5118 5120 5122 5124 5126 5128 5130 5132 5134 5136 5138 5140 5142 5144 5146 5148 5150 5152 5154 5156 5158 5160 5162 5164 5166 5168 5170 5172 5174 5176 5178 5180 5182 5184 5186 5188 5190 5192 5194 5196 5198 5200 5202 5204 5206 5208 5210 5212 5214 5216 5218 5220 5222 5224 5226 5228 5230 5232 5234 5236 5238 5240 5242 5244 5246 5248 5250 5252 5254 5256 5258 5260 5262 5264 5266 5268 5270 5272 5274 5276 5278 5280 5282 5284 5286 5288 5290 5292 5294 5296 5298 5300 5302 5304 5306 5308 5310 5312 5314 5316 5318 5320 5322 5324 5326 5328 5330 5332 5334 5336 5338 5340 5342 5344 5346 5348 5350 5352 5354 5356 5358 5



# GENERAL INFERENCE

A weak trough from East Scotland to the Midlands is moving slowly east. A more vigorous system west of Ireland will move east into Gr. Britain, but will retard later.

There will be mainly much cloud in all districts with local rain in East England and East Scotland at first; more general rain over West Ireland will extend eastwards over Gr. Britain during the next 24 hours and be followed by variable cloud with local showers in western districts. Winds will be southerly, strong to gale force in north and west districts. It will be rather cold in all districts.

# FURTHER OUTLOOK

Continuing unsettled.

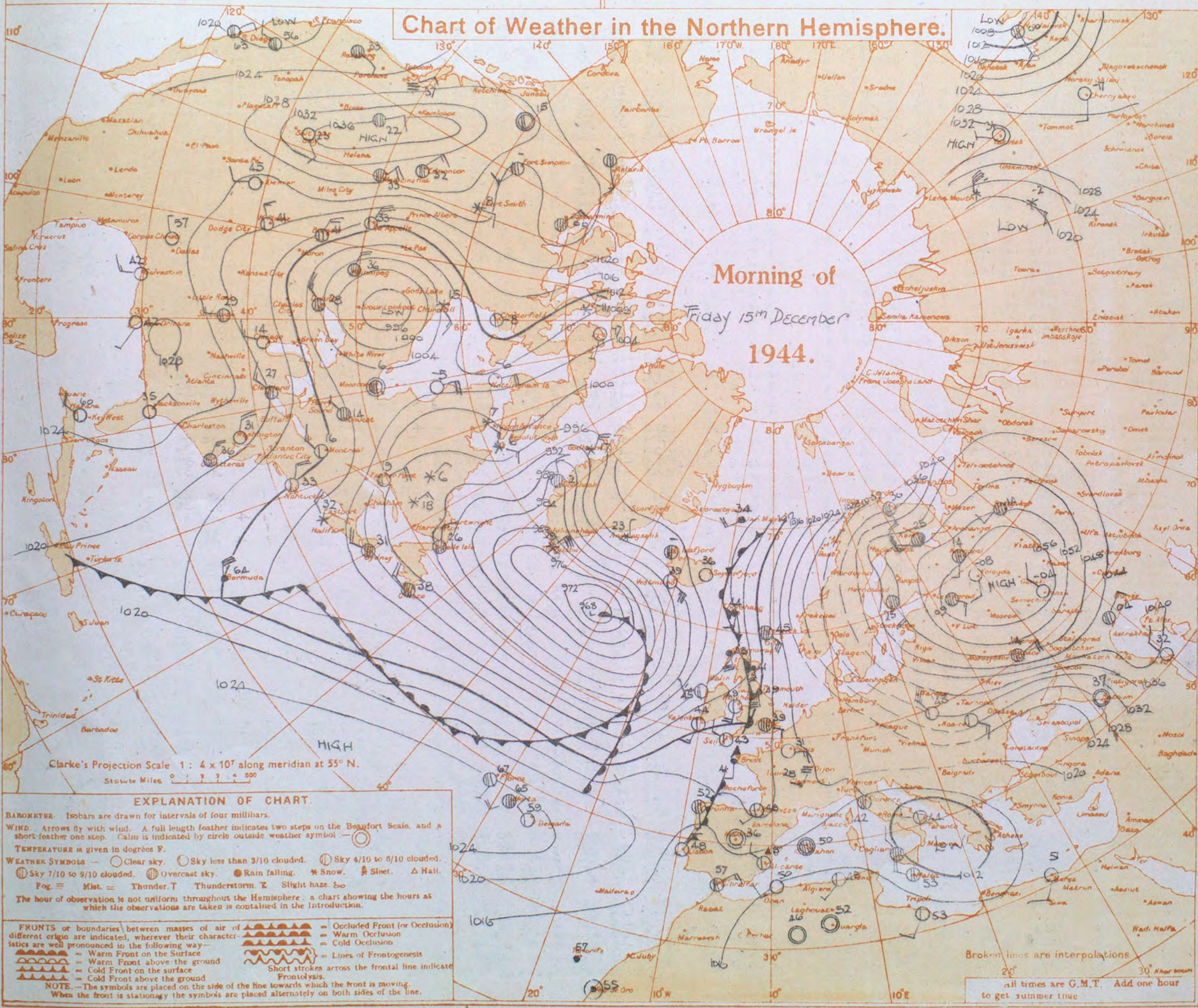
Gale warning in operation in districts 56 7 10 11 12 13a 13b 14 15 16 17 18!  
Times of issue 2145 13th Dec. 0700 14th Dec. 0340 G.M.T. 15th Dec. 44

# Chart of Weather in the Northern Hemisphere.

Morning of

Friday 15th December

1944.



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

Statute Miles 0 1 2 3 4 500

# EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS. ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☁☁ Sky 4/10 to 6/10 clouded. ☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☔ Rain falling. ❄ Snow. ⚡ Sleet. ⚡⚡ Hail.

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

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

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.

Short strokes across the frontal line indicate Frontolysis.

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

— Lines of Frontogenesis

— 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.

Friday 15<sup>th</sup> Dec: 1944

No. 30329

[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    9 = Sky obscured by fog, etc.  
with openings.

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

\* Information not usually received.

† oth. Observations from Dyce.

§ Sea disturbance reported from Dungeness.

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



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

Saturday 16 December 1944

No. 30340

## OBSERVATIONS at 12h. G.M.T. December 15

## OBSERVATIONS at 18h. G.M.T. December 15

## PAST 24 HOURS

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. (22)	Dew Point °F. (23)	Visibility (24)	Cloud.					Height of Base Hundreds of feet. (27)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Dir.	Force.					Form.	Amount.	Total.	Low.	Med.				High.	Dir.					Force.	Form.	Amount.	Total.	Low.				Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	06h.-12h. 15	12h.-15h. 15	15h.-to 00h. 16	00h.-06h. 16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
(3)	(4)	(5)	(9)	(10)	(11)	(12)	(13)	(14)	(19)	(20)	(21)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(41)	(42)	(43)	(44)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
(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)	(41)	(42)	(43)	(44)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1	Kew ...	09.3	-14	ESE	2	2	42	37	5	1	1	1	1	25	40	07.1	-14	ESE	2	2	38	34	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

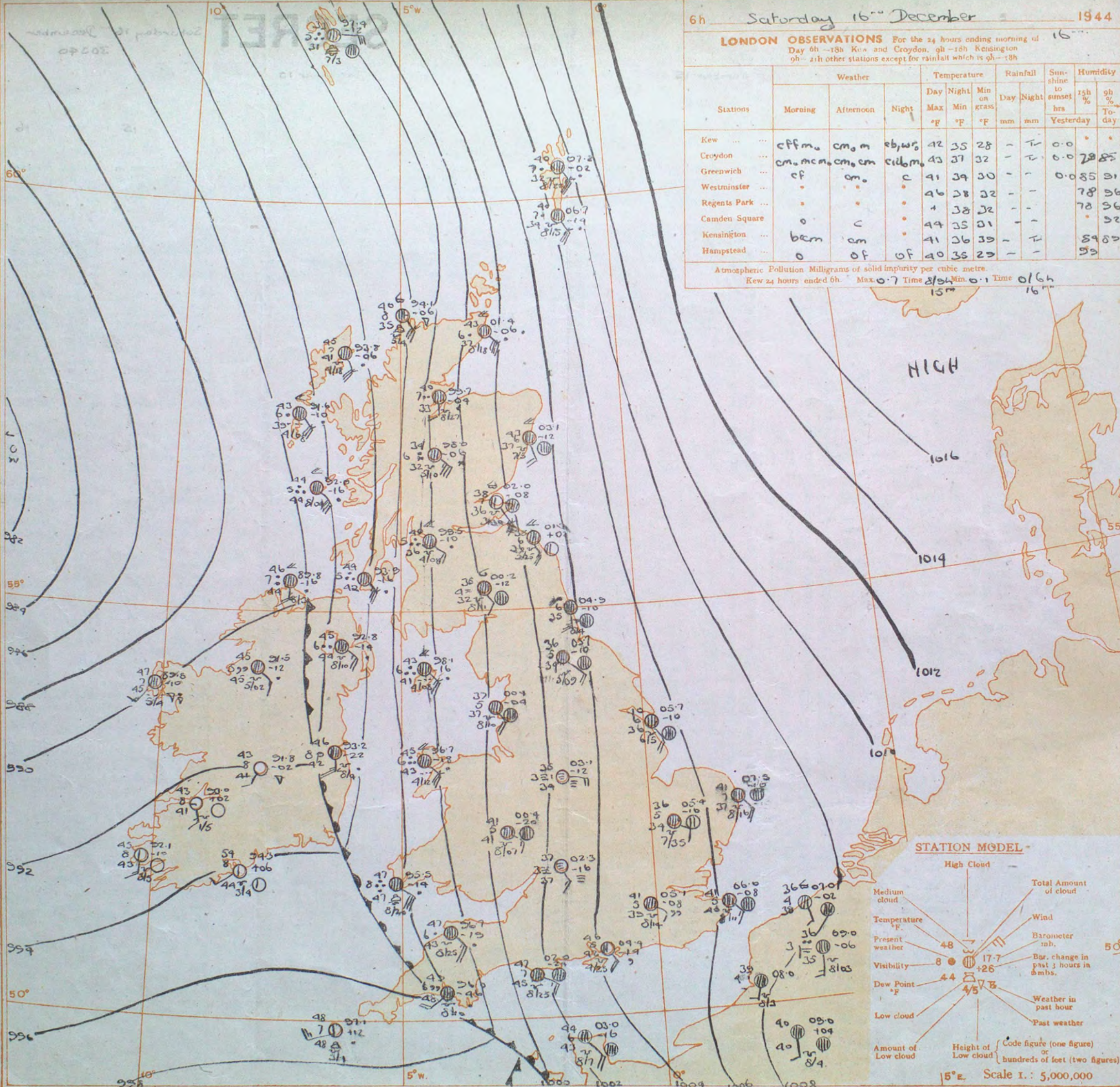


6h Saturday 16<sup>th</sup> December 1944

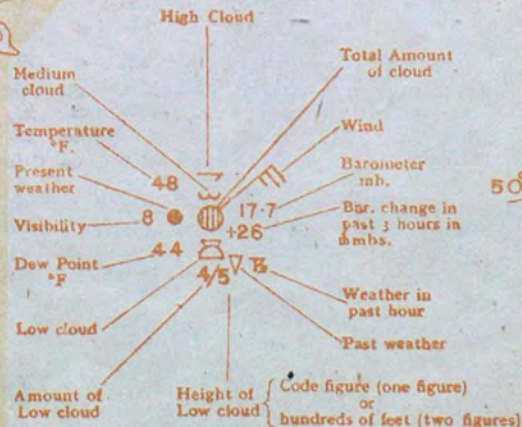
**LONDON OBSERVATIONS** For the 24 hours ending morning of 16<sup>th</sup>  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		Yesterday	To-day
Kew	effm.	cm, m	sb, w	42	35	28	-	1	0.0		
Croydon	cm, m, cm, cm	cm, cm	cm, m	43	37	32	-	1	0.0	78	85
Greenwich	cf	cm	c	41	39	30	-	-	0.0	85	81
Westminster	.	.	.	46	38	32	-	-		78	86
Regents Park	.	.	.	4	38	32	-	-		78	86
Camden Square	o	c	.	44	35	31	-	-			82
Kensington	bcm	cm	.	41	36	39	-	1		84	87
Hampstead	o	of	of	40	35	29	-	-		83	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 0.7 Time 8/54 Min. 0.1 Time 0/64



**STATION MODEL**



Scale 1: 5,000,000



# GENERAL INFERENCE

A deep depression is centred southwest of Iceland, and another deepening system North of the Azores is moving rapidly Northeast; troughs associated with these two systems will move Northeast across the British Isles giving periods of rain in all districts; strong winds or gales will occur in many districts, more especially to the North and West; it will be rather cold in the North and East at first but milder conditions will spread from Southwest.

# FURTHER OUTLOOK

Unsettled Southwesterly type continuing.  
Gale warning in operation in districts 6, 7, 10, 11, 12, 13a, 13b, 14, 15, 16, 17, 18. Times of issue 2145 G.M.T. 13<sup>th</sup> Dec., 0720 G.M.T. 14<sup>th</sup> Dec, 0340 G.M.T. 15<sup>th</sup> Dec.

## Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 16th December

1944.

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

### EXPLANATION OF CHART.

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



CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30). 0 = Nil    2 = $\frac{1}{10}$ 4 = $\frac{1}{4}$ 6 = $\frac{3}{8}$ 1 = Trace    3 = $\frac{1}{2}$ 5 = $\frac{5}{8}$ 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. † Other Observations from Dyce. § Sea disturbance reported from Dungeness.									
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



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

SECRET

Sunday 17 December 1944

No. 20341

OBSERVATIONS at 12h. G.M.T. December 16																	OBSERVATIONS at 18h. G.M.T. December 16																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
District.	STATIONS (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Dew Point °F. (7)	Visibility. m. (8)	Cloud.				Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (22)	Dew Point °F. (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. (31)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Dir.	Force.					Form.	Amount.	Low.	Med.			High.	Total.					Low.	Med.	High.	Total.				A.	B.	A.	B.	06h.-12h. 16	12h.-18h. 16	18h.-00h. 17	00h.-06h. 17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													



HIGH

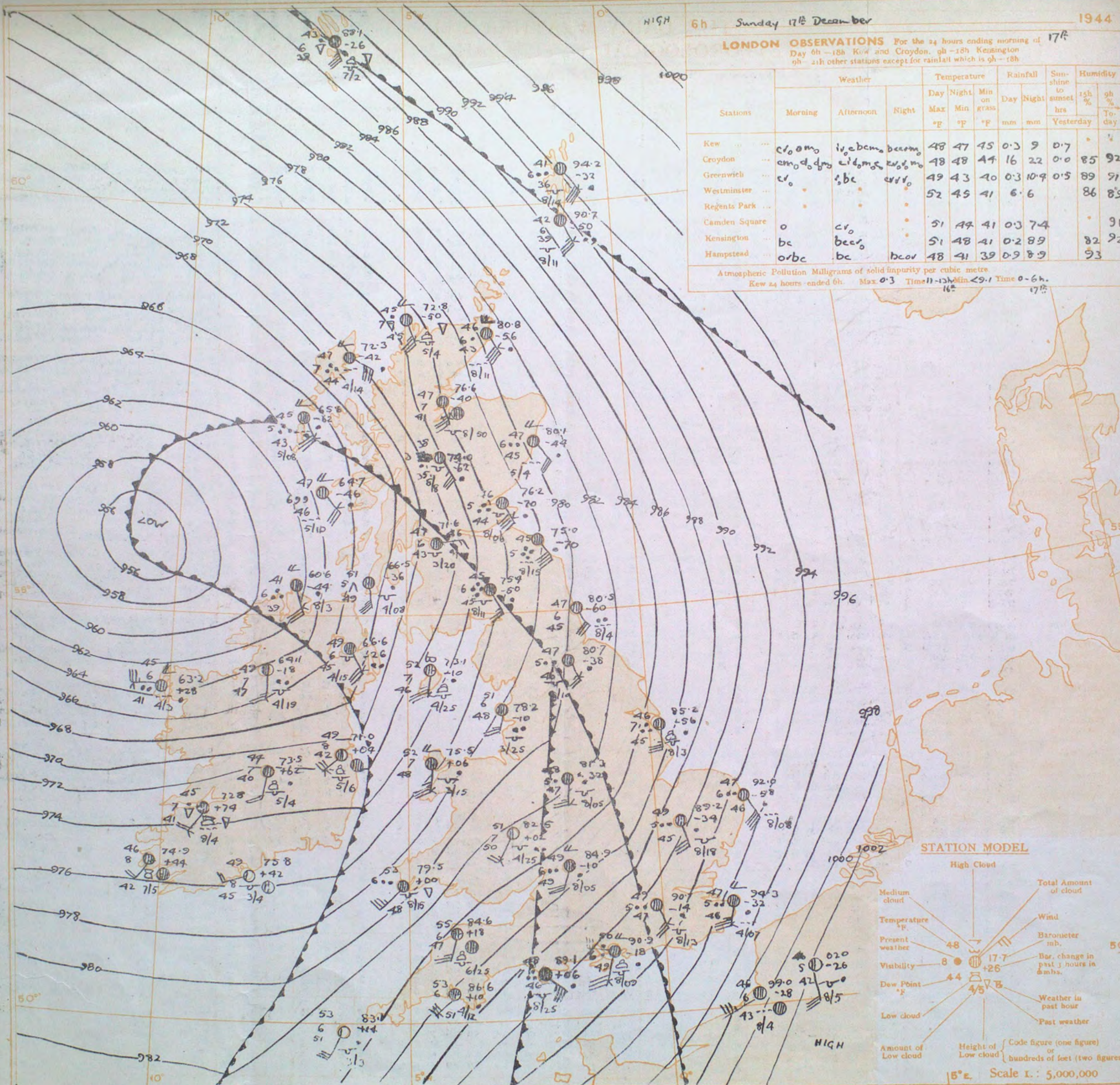
6h Sunday 17<sup>th</sup> December

1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 17<sup>th</sup>  
 Day 6h-18h Kew and Croydon, 9h-18h Kensington  
 9h-24h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		15h % Yesterday	9h % To-day
Kew	cl, o, m	iv, bc, m	bc, m	48	47	45	0.3	9	0.7		
Croydon	cm, d, d, m	cl, d, m, m	bc, m	48	48	44	16	22	0.0	85	92
Greenwich	cl	bc	cl, m	49	43	40	0.3	10.9	0.5	89	91
Westminster				52	45	41	6.6			86	89
Regents Park											
Camden Square	o	cl		51	44	41	0.3	7.4			91
Kensington	bc	bc, m		51	48	41	0.2	8.9		82	92
Hampstead	or, bc	bc	bc, m	48	41	39	0.9	8.9		93	

Atmospheric Pollution: Milligrams of solid impurity per cubic metre  
 Kew 24 hours ended 6h. Max 0.3 Time 11-13h Min 0.1 Time 0-6h.





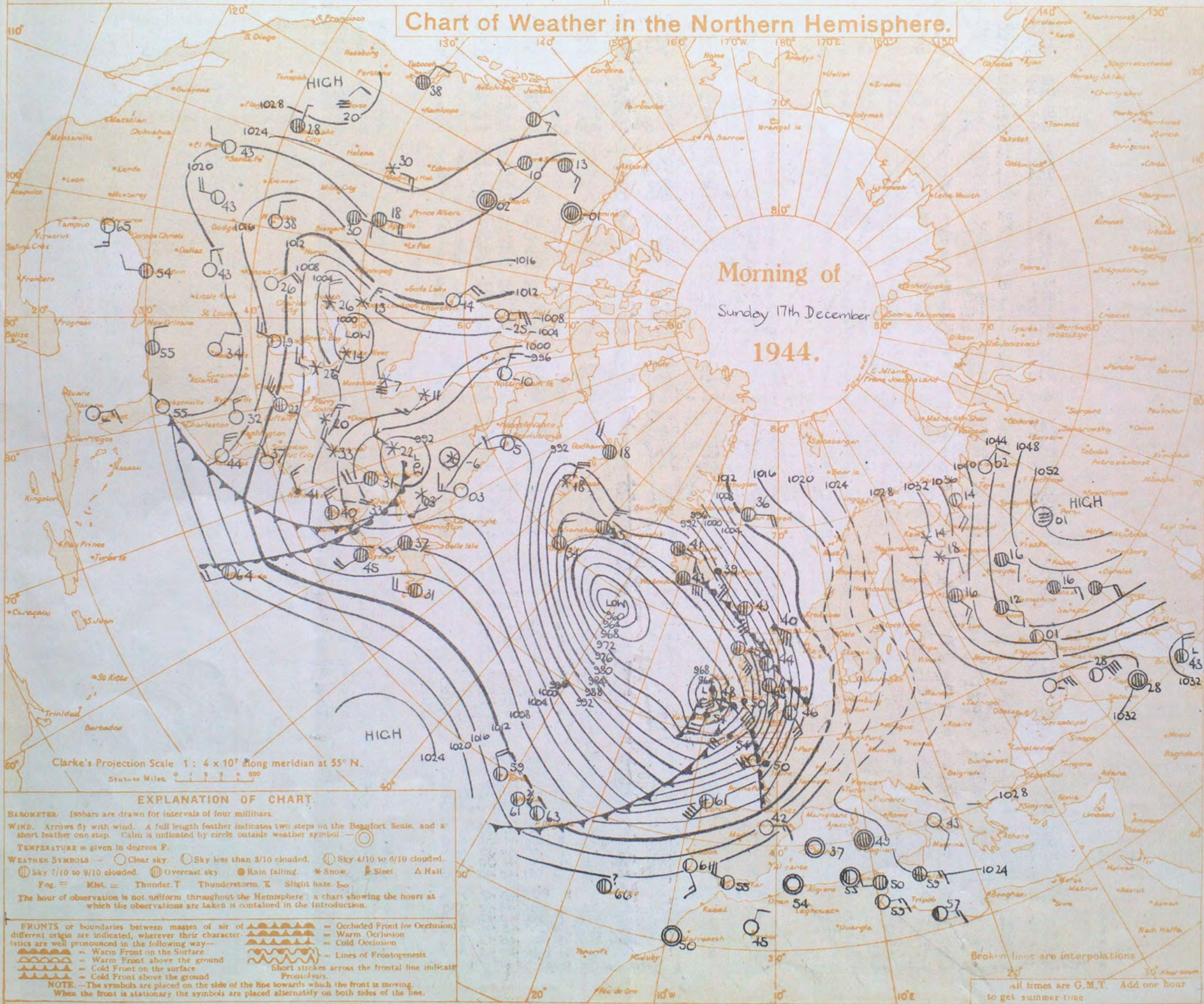
# GENERAL INFERENCE

A deep depression off Northern Ireland is moving northwards and will later turn northwest. Associated troughs are moving northeast across the country. It will be dull with occasional rain at first in Scotland and Eastern England, but improving conditions will spread from southwest, a showery type becoming established over the whole country. The showers will be most frequent and heavy in the North and West where local hail and thunder will occur, but very scattered in the Southeast and East. It will be mild in the South, becoming somewhat colder; rather cold in the North.

# FURTHER OUTLOOK

↓ Gale Warning in operation in all districts. Times of issue, G.M.T.:—  
2145 13/12; 0720 14/12; 0340 15/12; 1612 16/12; 1905 16/12; & 2145 16/12/44.

## Chart of Weather in the Northern Hemisphere.





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

Sunday 17th Dec 1944

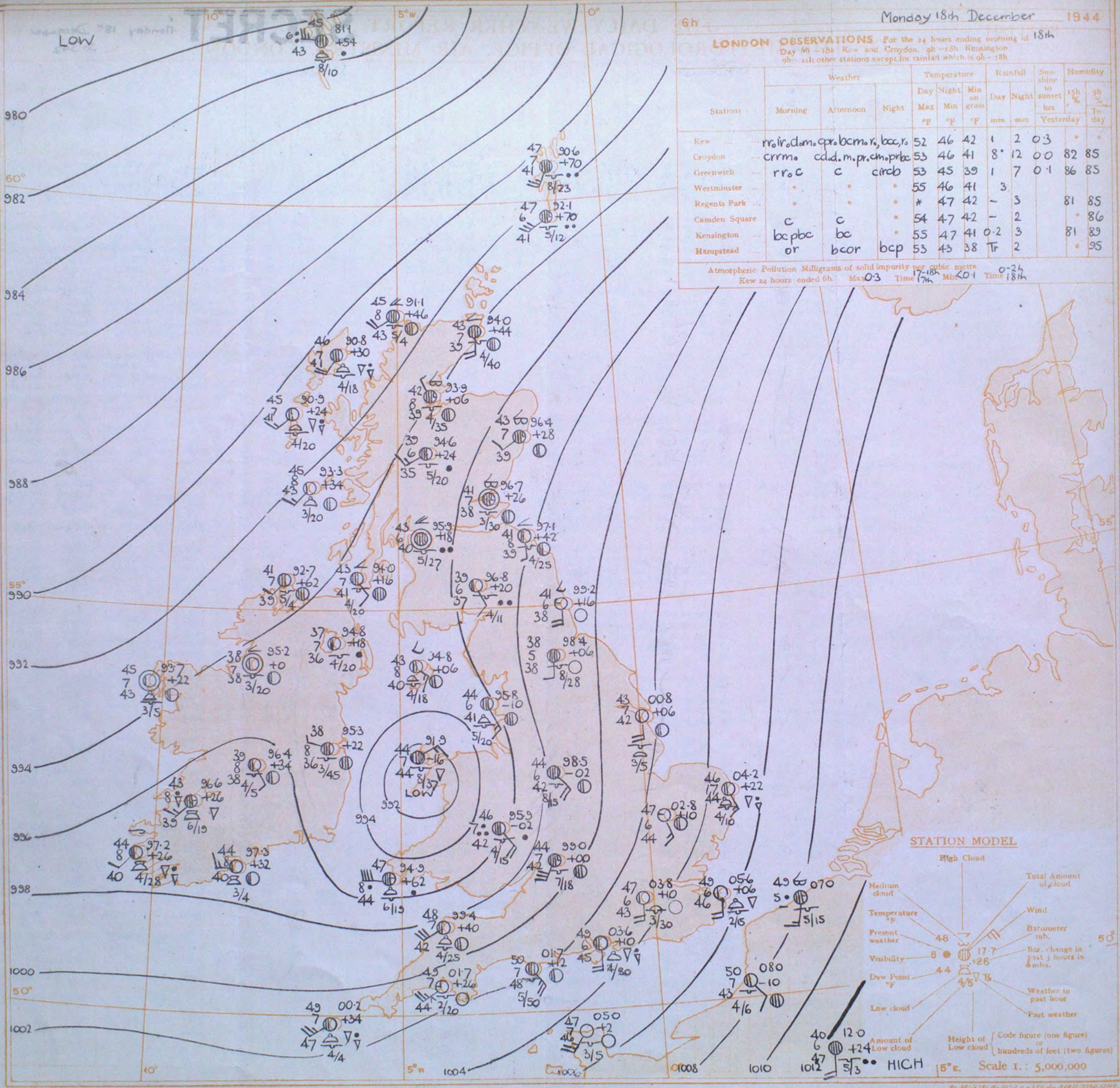
No. 30341

OBSERVATIONS at 00hr. G.M.T. 17th December																	OBSERVATIONS at 06hr. G.M.T. 17th December																	PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (26)	Dew Point (27)	Visibility. (28)	Cloud.					State of Ground. (33)	Sea. (34)	TEMPERATURE.			RAINFALL.		SUN-SHINE 10th Hrs. (40)									
					Dir. (3)	Force (4)				Form. (9)	Amount. (10)		Height of Base Hundreds of feet. (11)	Dir. (19)			Force (20)					Form. (22)	Amount. (23)		Height of Base Hundreds of feet. (24)	Max. Day 6h-18h (35)			Min. Night 18h-6h (36)	Min. on Grass (37)	Day 6h-18h mm. (38)	Night 18h-6h mm. (39)											
											Low. (12)	Med. (13)					High. (14)	Total. (15)					A. (16)	B. (16)									Low. (25)		Med. (26)	High. (27)	Total. (28)	A. (29)	B. (29)				
1	Kew	16	98.4	-30	ESE	5	49	46	5	6	2	8	5	8	83.8	-22	SSW	6	49	47	6	6	2	8	8	9	15	1	4	48	47	45	0.3	9	0.7								
	Croydon	217	98.4	-30	ESE	5	48	46	5	6	2	8	5	8	80.7	-14	SE	5	49	47	5	6	2	8	8	13	15	1	1	48	48	44	0.16	22	0.0								
	Boscombe Down	417	96.9	-46	SE	6	49	47	5	6	2	8	8	8	88.0	+6	SSW	6	50	50	5	6	2	8	8	8	1	1	50	47	47	2	26	1.2									
	Thorney Island	10	96.9	-46	SE	6	49	47	5	6	2	8	8	8	80.9	-18	SW	6	50	50	5	6	2	8	8	8	1	1	50	47	47	2	26	1.2									
	Friston	—	96.9	-46	SE	6	49	47	5	6	2	8	8	8	80.9	-18	SW	6	50	50	5	6	2	8	8	8	1	1	50	47	47	2	26	1.2									
	Lympne	341	92.4	-22	SSW	6	47	46	5	5	1	8	8	8	94.4	-10	S	8	47	46	5	5	1	8	8	18	1	1	44	46	45	3	12	0.0									
	Manston	140	92.7	-14	SE	6	47	45	6	5	1	8	8	8	94.3	-32	SSE	7	47	46	5	5	1	8	8	7	15	1	1	48	45	45	2	9	0.0								
2	North Weald	244	99.5	-10	S	5	48	45	4	5	1	8	8	8	98.9	-32	SSE	9	48	46	5	5	1	8	8	11	1	1	47	48	48	1	6	0.0									
	Felixstowe	10	92.4	-26	SSE	6	45	43	5	5	1	8	8	8	94.9	-38	ENE	9	49	44	5	5	1	8	8	13	40	1	4	47	42	38	1	6	0.0								
	Gorleston	5	92.2	-20	SSE	6	46	43	6	7	1	8	8	8	92.0	-58	SSE	8	47	46	6	6	1	8	8	8	1	1	46	40	34	2	5	0.0									
	Mildenhall	15	98.2	-28	SE	5	49	45	6	5	1	8	8	8	89.2	-34	SE	6	49	45	5	5	1	8	8	18	1	1	46	45	37	2	3	0.0									
	Bircham Newton	221	98.0	-28	SSE	5	47	45	5	5	1	8	8	8	88.8	-52	SE	6	46	46	5	5	1	8	8	10	15	1	44	42	41	0.7	8	0.0									
	Cranwell	203	99.4	-38	SE	5	48	45	5	5	1	8	8	8	85.3	-30	SSE	7	46	46	4	5	1	8	8	10	15	2	43	38	37	0.7	8	0.0									
3	Cranfield	340	95.5	-42	SE	5	48	45	5	5	1	8	8	8	87.7	-22	SSE	7	49	47	6	5	1	8	8	10	15	1	48	44	41	0.1	9	0.0									
	Honiley	427	91.3	-52	SSE	6	47	44	6	5	1	8	8	8	83.5	-10	S	6	50	49	6	5	1	8	8	13	15	1	48	44	41	2	11	0.0									
4	Little Rissington	731	91.4	-58	S	6	45	45	5	1	2	8	8	8	84.9	-10	SSW	6	48	48	6	5	1	8	8	5	1	1	44	44	42	1	10	0.0									
	Shobden	318	86.8	-66	SE	6	48	46	6	6	2	8	8	8	82.8	+2	SSW	5	51	50	7	5	1	8	8	25	1	2	40	46	45	1	16	0.0									
5	Bristol	209	89.0	-78	SSE	6	49	48	6	6	2	8	8	8	85.5	-2	SW	4	54	53	6	6	2	8	8	8	25	1	4	51	47	46	0.3	22	2.6								
	Chivenor	20	82.1	-72	SSE	6	51	51	5	5	1	8	8	8	84.6	+8	SW	4	55	53	6	6	2	8	8	3	10	1	52	50	47	0.3	3	0.0									
	Yeovilton	50	89.7	-60	SSE	8	50	50	5	5	1	8	8	8	85.5	-4	SSW	4	54	53	5	5	1	8	8	10	15	1	52	48	49	1	10	0.0									
	Portland Bill	32	92.1	-70	SE	7	48	46	7	5	1	8	8	8	89.1	+6	SE	7	48	46	7	5	1	8	8	25	1	1	56	47	48	0.1	20	0.0									
	Exeter	100	87.2	-64	SSE	6	51	50	5	5	1	8	8	8	86.2	+6	S	4	55	52	6	5	1	8	8	8	15	1	52	49	48	1	23	0.0									
	Plymouth	86	85.6	-62	SW	8	51	51	5	5	1	8	8	8	86.6	+10	SW	6	53	51	6	5	1	8	8	12	15	1	51	50	49	2	30	1.1									
	St. Eval	345	83.2	-30	SW	8	53	53	5	5	1	8	8	8	84.7	+12	SW	5	53	49	7	5	1	8	8	12	25	1	51	50	46	0.3	19	0.0									
	The Lizard	240	84.6	-32	SW	6	53	53	5	5	1	8	8	8	85.7	+20	SW	6	52	52	6	5	1	8	8	10	1	1	52	52	46	1	12	0.5									
6	Scilly, St. Marys	163	80.8	-28	SW	6	54	54	6	5	1	8	8	8	83.1	+14	SW	6	53	51	6	5	1	8	8	8	1	1	51	50	44	0.6	17	0.0									
	Fairwood	208	82.1	-74	SE	7	49	45	5	5	2	8	8	8	83.0	+22	SW	7	53	50	6	5	1	8	8	15	1	1	50	48	44	5	22	0.0									
	Pembroke	142	77.9	-72	SE	8	50	50	5	5	2	8	8	8	79.5	+2	SW	7	53	53	6	5	1	8	8	15	1	1	51	51	44	2	19	0.6									
	Aberporth	425	80.2	-78	SE	7	49	46	5	5	2	8	8	8	80.1	+20	SW	5	51	47	7	5	1	8	8	25	1	1	49	48	46	0.6	18	0.4									
7	Penrhos	63	80.2	-78	SE	7	49	46	5	5	2	8	8	8	78.5	+14	S	6	52	46	6	5	1	8	8	6	1	1	48	46	45	3	12	0.0									
	Holyhead, Valley	32	78.3	-88	SSE	8	50	46	6	6	2	8	8	8	75.5	+6	S	7	52	48	7	5	1	8	8	15	40	1	48	47	45	1	5	0.0									
	Hawarden	15	85.6	-70	SE	6	48	41	6	6	2	8	8	8	79.5	-4	SSE	4	51	49	7	5	1	8	8	20	1	1	46	42	40	0.3	12	0.0									
8	Manchester	230	88.1	-66	SSE	6	48	47	5	5	1	8	8	8	80.9	-2	S	6	51	49	6	5	1	8	8	17	1	1	45	45	41	0.5	8	0.0									
	Squires Gate	30	85.7	-72	SE	7	48	45	5	5	1</																																



OBSERVATIONS at 12h. G.M.T. 17 <sup>th</sup> December																	OBSERVATIONS at 18h. G.M.T. 17 <sup>th</sup> December																	PAST 24 HOURS				
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. m. (8)	Cloud.				Height of Base Hundreds of feet. A. B. (15) (16)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. °F. (22)	Dew Point °F. (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. A. B. (28) (29)		State of Ground. (33)	Sea. 0-9 (34)	WEATHER.							
				Direc. (3)	Force. (4)					Form. (9)	Med. (10)	High. (11)	Total. (12)				Low. (13)	Med. (14)					Form. (19)	Force. (20)	Form. (25)	Med. (26)	High. (27)	Total. (28)			A. (29)	B. (30)	06h.-12h. 17 <sup>th</sup> (41)	12h.-18h. 17 <sup>th</sup> (42)	18h. 17 <sup>th</sup> to 06h. 18 <sup>th</sup> (43)	06h.-06h. 18 <sup>th</sup> (44)		
1	Kew	32.8	+20	SSW	4	4/d	51	49	6	7	3	-	2	4	25	32.8	+20	SSW	3	20	43	46	6	5	-	-	4	4	-	21	-	1	5	rs. ir. dmo	cp. rbc	bc. rbc		
	Croydon	32.6	+18	S	5	1d	51	49	6	5	3	-	2	4	25	32.6	+18	S	5	20	47	47	6	5	-	-	4	4	-	20	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Boscombe Down	32.0	+34	SSW	6	4/d	53	49	7	8	6	-	6	5	15	32.0	+34	SSW	5	20	50	46	6	5	-	-	4	4	-	15	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Thorney Island	34.3	+24	SSW	4	4/d	51	49	5	5	3	-	7	5	10	34.3	+24	SSW	4	20	50	47	6	5	-	-	4	4	-	20	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Friston																																					
2	Lympe	37.5	+18	SSW	7	4/r	49	46	6	5	2	-	8	8	25	37.5	+18	SSW	5	20	49	47	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Manston	35.7	+18	SSW	6	4/d	50	47	6	5	2	-	8	8	25	35.7	+18	SSW	4	20	49	46	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	North Weald	33.0	+20	SSW	5	4/d	50	47	6	5	2	-	8	8	25	33.0	+20	SSW	4	20	49	46	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Felixstowe	34.4	+10	SSW	5	20	47	45	6	5	-	-	8	8	25	34.4	+10	SSW	5	20	47	46	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Gorleston	33.1	+24	S	7	4	49	48	6	6	-	-	6	7	10	33.1	+24	S	7	20	49	47	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
3	Mildenhall	31.3	+14	SSW	5	20	52	48	6	5	-	-	8	8	25	31.3	+14	SSW	5	20	51	45	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Bircham Newton	30.6	+18	S	6	4/d	50	48	6	5	2	-	8	8	25	30.6	+18	S	6	20	47	43	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Cranwell	38.5	+14	S	6	4/d	54	49	6	5	2	-	8	8	25	38.5	+14	S	6	20	47	43	6	5	-	-	8	6	7	8	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Cranfield	38.2	+28	SSW	6	bc	54	46	8	8	-	-	4	4	15	38.2	+28	SSW	4	20	45	43	8	4	-	-	2	2	-	40	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Honiley	38.2	+28	SSW	6	bc	54	46	8	8	-	-	4	4	15	38.2	+28	SSW	4	20	45	43	8	4	-	-	2	2	-	40	-	1	5	cr. rbc	cd. dmo	bc. rbc		
4	Little Rissington	39.1	+20	SSW	6	b-bc	52	45	7	2	-	-	3	3	15	39.1	+20	SSW	6	PR	46	44	6	8	-	-	4	3	4	8	15	1	5	cr. rbc	cd. dmo	bc. rbc		
	Shobden	37.1	+28	SSW	6	c	52	45	7	2	-	-	3	3	15	37.1	+28	SSW	4	bc	47	38	6	8	-	-	4	3	4	8	15	1	5	cr. rbc	cd. dmo	bc. rbc		
	Bristol	30.4	+22	SSW	4	bc	54	50	7	2	-	-	3	3	15	30.4	+22	SSW	4	bc	47	42	8	2	-	-	4	3	4	8	15	1	5	cr. rbc	cd. dmo	bc. rbc		
	Chivenor	39.3	+30	SSW	5	bc	53	44	7	8	-	-	4	3	20	39.3	+30	SSW	4	bc	48	39	8	2	-	-	4	3	4	8	15	1	5	cr. rbc	cd. dmo	bc. rbc		
	Yeovilton	31.0	+30	SSW	5	bc	55	47	7	8	-	-	4	3	20	31.0	+30	SSW	2	b-bc	49	42	6	4	-	-	3	3	-	20	-	1	5	cr. rbc	cd. dmo	bc. rbc		
5	Portland Bill	32.5	+18	SSW	6	c	53	51	7	2	-	-	6	8	25	32.5	+18	SSW	5	c-bc	52	50	7	5	-	-	5	5	-	50	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Exeter	31.3	+30	SSW	4	c-bc	53	46	7	2	-	-	5	5	15	31.3	+30	SSW	4	b-bc	50	43	7	2	-	-	3	3	2	25	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Plymouth	32.1	+30	SSW	5	c-bc	53	46	7	2	-	-	5	5	15	32.1	+30	SSW	5	b-bc	51	44	7	2	-	-	3	3	2	25	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	St. Eval	30.1	+28	SSW	6	b-bc	51	44	7	2	-	-	4	3	20	30.1	+28	SSW	5	b	46	41	8	5	-	-	2	2	-	20	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	The Lizard	30.5	+24	SSW	7	20	52	50	6	7	-	-	4	3	20	30.5	+24	SSW	5	bc	49	46	7	5	-	-	4	4	-	20	-	0	4	cr. rbc	cd. dmo	bc. rbc		
6	Scilly, St. Marys	38.4	+26	SSW	5	b-cp	53	47	7	8	6	-	4	3	14	38.4	+26	SSW	5	bc	49	45	7	8	-	-	4	4	-	15	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Fairwood	38.5	+32	SSW	5	c-bc	51	46	7	8	-	-	4	3	10	38.5	+32	SSW	4	bc	49	43	7	8	-	-	4	3	4	18	25	1	5	cr. rbc	cd. dmo	bc. rbc		
	Pembroke	35.5	+38	SSW	8	b-c	51	44	7	8	-	-	4	3	21	35.5	+38	SSW	4	bc	49	42	7	8	-	-	4	4	-	21	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Aberporth	32.3	+32	SSW	5	b-bc	50	44	7	2	-	-	5	4	18	32.3	+32	SSW	4	bc	46	42	7	8	-	-	4	4	-	20	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Penrhos	31.1	+32	SSW	5	c-bc	51	44	7	2	-	-	5	4	18	31.1	+32	SSW	3	c-pr	46	42	7	8	-	-	6	4	6	15	40	1	5	cr. rbc	cd. dmo	bc. rbc		
7	Holyhead, Valley	32.4	+32	SSW	6	pr	47	47	7	2	6	-	5	4	15	32.4	+32	SSW	5	bc	47	45	7	8	-	-	4	3	2	20	-	1	5	cr. rbc	cd. dmo	bc. rbc		
	Hawarden	38.0	+30	SSW	4	c-bc	55	43	8	8	6	-	5	4	15	38.0	+30	SSW	5	b	46	41	7	8	-	-	2	2	1	15	40	1	5	cr. rbc	cd. dmo	bc. rbc		
	Manchester	35.0	+24	SSW	5	c-bc	52	43	8	2	-	-	5	4	18	35.0	+24	SSW	5	pr	46	39	6	8	-	-	0											

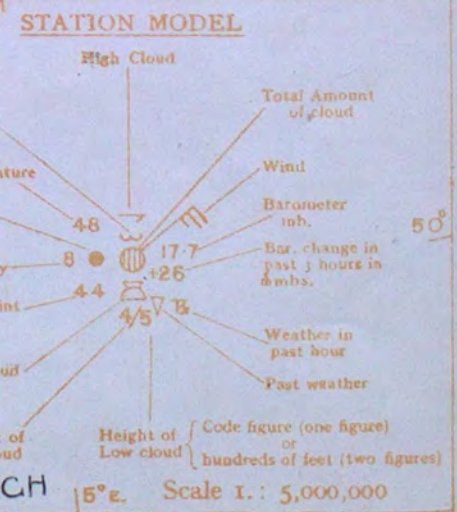




Monday 18th December 1944

LONDON OBSERVATIONS For the 24 hours ending morning of 18th											
Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity		
Stations	Morning	Afternoon	Night	Day Max	Night Min	on grass	Day	Night	15h %	9h %	
Kew	rr.ir.clam.cpr.bcm.r.	bcc.r.		52	46	42	1	2	0.3		
Croydon	crmm.	cdl.m.pr.cm.prb.		53	46	41	8	12	0.0	82	85
Greenwich	rr.c	c	cirb	53	45	39	1	7	0.1	86	85
Westminster				55	46	41	3				
Regents Park				*	47	42	-	3		81	85
Camden Square	c	c		54	47	42	-	2		86	
Kensington	bcprc	bc		55	47	41	0.2	3		81	89
Hampstead	or	bcor	bcp	53	43	38	Tr	2		95	

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 6h Max 0.3 Time 17-18h Min 0.1 Time 18h





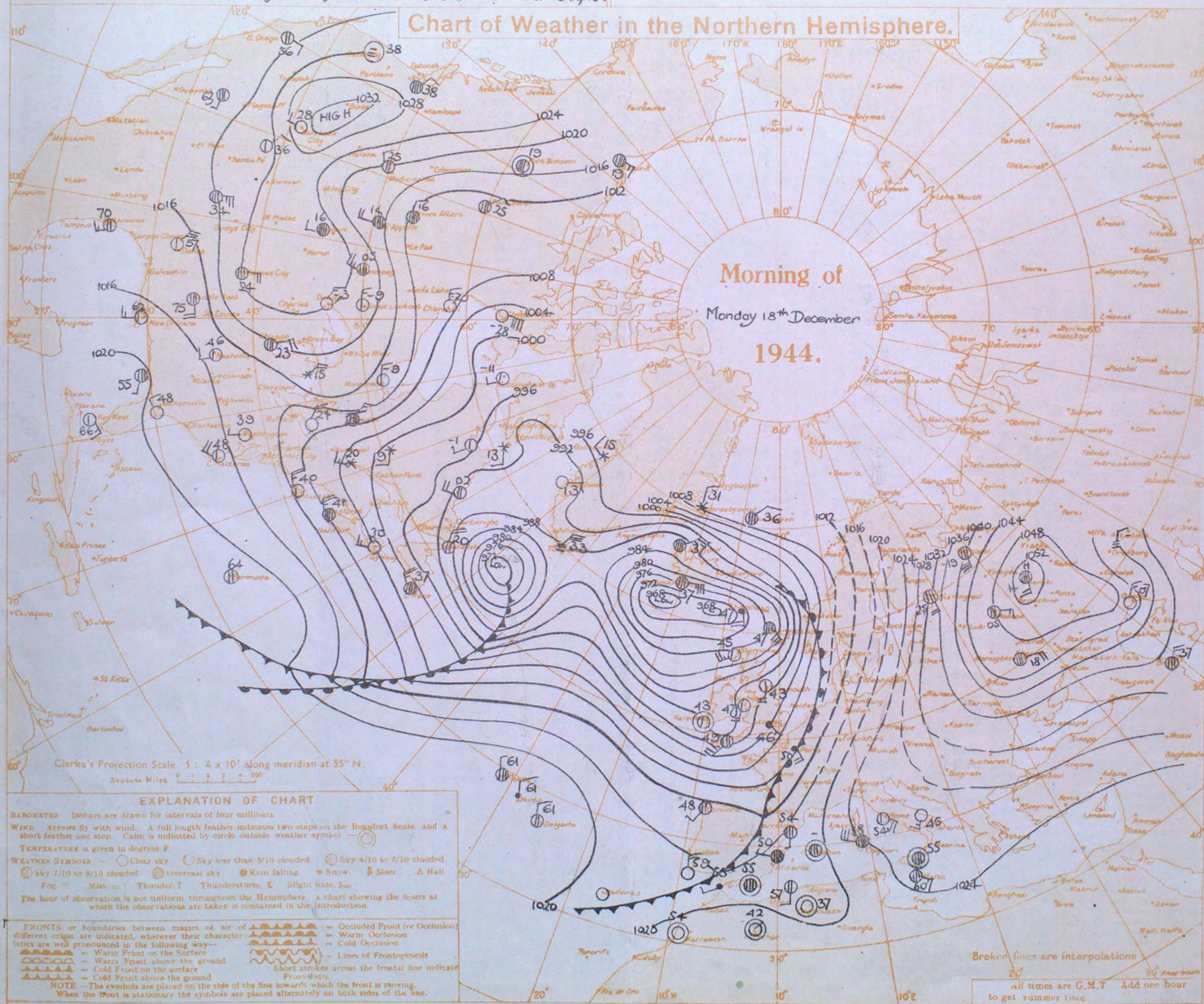
# GENERAL INFERENCE

Pressure will continue low to the Northwest of the British Isles, and high over Russia and near the Azores; a small polar depression over the Irish Sea will move North-northeast and fill up; there will be rather frequent thundery showers in western districts and scattered showers in Eastern districts; hail and thunder will occur locally; rain may reach Western Ireland towards noon tomorrow; there will be some fog in England later in the night, and this may become fairly general around dawn; it will be rather cold, with ground frost in most districts later tonight.

# FURTHER OUTLOOK

Rain spreading East across the British Isles.

## Chart of Weather in the Northern Hemisphere.





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

Monday 18th December 1944

No. 30342

OBSERVATIONS at 00hr. G.M.T. 18 December																	OBSERVATIONS at 06hr. G.M.T. 18 December																	PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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.	Barom. at M.S.L.	Change in 3 hours.	TEMPERATURE.			RAINFALL.		Sun- shine 17th Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					Dir.	Force.					Form.	Amount.				Dir.	Force.					Form.	Amount.				Max. Day 6h-18h	Min. Night 18h-6h	Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
																																	Low.	Med.	High.	Total.	A.	B.	A.	B.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
																																									(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	Kew	16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.**SECRET**Tuesday 19th December 1944  
No. 30343

OBSERVATIONS at 12h. G.M.T. 18th December																	OBSERVATIONS at 18h. G.M.T. 18th December																	PAST 24 HOURS								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F (6)	Dew Point °F (7)	Visibility. m. (8)	Cloud.				Height of Base Hundreds of feet. (15)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F (22)	Dew Point °F (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. (31)		State of Ground. (33)	Sea. 0-9 (34)	WEATHER.											
				Dir.	Force.					Low.	Med.	High.	Total.				Low.	Med.					High.	Total.	A.	B.	A.	B.			18th 18th	18th 18th	18th 18th	18th 18th								
																																			Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Friston ...	08.1 08.6 07.5 08.3	+20 +24 +26 +18	SSW SSW SSW SSW	4 4 4 3	c-bc c-bc c-bc c-bc	48 49 50 52	44 43 44 46	7 7 7 6	1 1 1 1	6 6 6 6	5 5 5 5	3 3 3 3	4 4 4 4	12.4 13.0 11.4 12.7	+20 +22 +16 +22	SSW SSW SSW SSW	3 3 3 2	20 20 20 20	45 45 43 45	42 43 41 44	6 6 6 7	5 5 5 2	4 4 4 2	6 6 6 2	4 4 4 2	2 2 2 2	21 21 20 25	1 1 1 1	• • • •	cprbc cprbc cprbc cprbc	cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm								
2	Lympe ... Manston ... North Weald ... Felixstowe ... Gorleston ...	10.4 09.4 08.2 08.1 07.2	+18 +20 +20 +16 +18	SSW SSW SSW SSW SE	4 4 4 4 4	c c-bc c c c	49 50 49 48 48	46 44 43 44 45	7 7 7 6 7	4 4 4 4 4	1 1 1 1 1	7 7 7 7 7	5 5 5 5 5	7 7 7 7 7	15.3 14.0 13.1 13.0 12.5	+30 +22 +28 +30 +38	SSW SSW SSW SSW SSW	2 3 3 3 3	20 20 20 20 20	46 45 45 44 45	45 43 41 41 42	6 6 6 6 6	4 4 4 4 4	4 4 4 4 4	0 0 0 0 0	0 0 0 0 0	20 20 20 20 20	1 1 1 1 1	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm									
3	Mildenhall ... Bircham Newton ... Cranwell ... Cranfield ... Honiley ...	06.3 05.6 03.0 06.3 05.0	+22 +4 +6 +26 +42	SSW SSW SSW SSW SSW	4 4 4 4 4	b c c c c	51 49 49 49 47	43 43 43 42 41	7 6 6 7 8	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	25 25 18 30 40	12.1 12.0 10.8 12.0 10.7	+32 +40 +28 +30 +32	SSW SSW SSW SSW SSW	2 3 3 2 3	20 20 20 20 20	45 43 40 43 42	45 40 38 40 40	5 6 6 6 7	4 4 4 4 4	4 4 4 4 4	0 0 0 0 0	0 0 0 0 0	20 20 20 20 20	1 1 1 1 1	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm									
4	Little Rissington ... Shobden ...	06.2 05.8	+28 +32	WSW SSW	5 4	c bc	45 48	41 40	7 8	5 5	1 1	1 1	15 25	11.2 10.5	+24 +28	SSW SSW	3 0	20 20	41 39	40 38	6 7	3 4	6 6	3 3	2 2	20 50	1 1	• •	cbcm cbcm	cbcm cbcm	cbcm cbcm	cbcm cbcm										
5	Bristol ... Chivenor ... Yeovilton ...	06.2 06.2 07.0	+36 +26 +30	SSW SSW SSW	3 3 3	b-c bc b-c	50 50 51	44 44 41	8 8 8	3 3 3	4 4 4	3 3 3	25 25 25	10.8 10.2 10.8	+22 +22 +22	SSW SSW SE	2 0 2	20 20 20	44 44 45	41 41 43	7 8 7	8 6 6	6 6 6	4 4 4	4 4 4	2 2 2	22 22 25	1 1 1	• • •	cbcm cbcm cbcm	cbcm cbcm cbcm	cbcm cbcm cbcm	cbcm cbcm cbcm									
6	Portland Bill ... Exeter ... Plymouth ... St. Eval ... The Lizard ...	07.2 07.3 07.3 07.0 06.4	+20 +22 +18 +22 +18	SSW SSW SSW SSW SSW	5 3 4 4 5	c bc bc c bc	50 49 49 48 47	48 42 43 43 47	7 8 8 6 8	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	5 15 25 25 40	10.6 10.5 10.8 10.9 09.8	+18 +22 +18 +24 +18	SSW SSW SSW SSW SSW	4 2 2 2 5	20 20 20 20 20	48 44 48 41 46	46 42 42 39 42	7 7 7 8 8	5 4 6 6 4	4 4 4 4 4	8 8 8 8 4	8 4 4 3 4	2 3 6 3 4	15 30 25 20 25	1 1 1 1 1	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm									
7	Scilly, St. Marys ... Fairwood ... Pembroke ... Aberporth ... Penrhos ...	06.3 05.7 04.3 04.3 03.0	+30 +34 +26 +30 +44	SSW SSW SSW SSW SSW	2 4 3 3 4	c c c c c	47 50 50 49 48	43 46 46 43 43	8 7 8 8 8	5 5 5 5 5	2 3 3 3 3	2 4 4 4 2	16 15 22 26 15	09.7 10.8 09.0 09.4 08.0	+22 +22 +28 +30 +22	WSW SE SSW SSW SSW	3 2 5 5 3	20 20 20 20 20	47 45 48 42 45	43 43 47 40 43	8 7 8 8 7	4 6 3 3 2	4 7 3 4 4	3 3 3 3 3	15 6 22 17 20	1 1 1 1 1	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm											
8	Holyhead, Valley ... Hawarden ... Manchester ... Squires Gate ... Silloth ...	02.3 02.7 02.5 00.3 99.4	+50 +46 +46 +48 +18	SSW SSW SSW SSW NE	5 4 5 4 2	c c c c c	47 49 45 45 41	44 41 40 42 39	7 8 7 6 6	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	20 20 15 15 20	07.8 03.1 03.2 08.4 06.4	+26 +30 +32 +34 +30	SSW SSW SSW SSW SSW	3 1 3 3 3	20 20 20 20 20	45 41 42 41 41	40 39 38 39 41	8 5 6 6 5	2 5 6 4 5	4 2 1 1 1	2 2 100 1 25	1 1 1 1 1	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm												
9	Ashbourne ... Snaith ...	03.2 02.0	+40 +22	WSW SSW	5 4	c c	45 47	42 41	8 6	5 5	1 1	1 1	15 25	09.9 09.6	+34 +34	SSW SSW	1 2	20 20	39 43	36 41	7 7	5 4	4 4	2 0	20 0	1 0	• •	cbcm cbcm	cbcm cbcm	cbcm cbcm	cbcm cbcm											
10	Spurn Head ... Leeming ... Tynemouth ...	02.8 99.0 99.9	+18 +16 +1	SSW SSW SSW	4 3 3	c c c	47 45 45	42 43 42	6 5 5	5 5 5	1 1 1	1 1 1	25 15 10	09.5 07.7 07.4	+38 +42 +44	SSW SSW SSW	4 3 3	20 20 20	43 46 42	41 39 39	7 6 5	4 5 4	4 4 4	2 2 3	0 20 20	0 1 1	• • •	cbcm cbcm cbcm	cbcm cbcm cbcm	cbcm cbcm cbcm	cbcm cbcm cbcm											
11	Acklington ... St. Abb's Head ... Leuchars ... Montrose ... Abbotsinch ...	99.6 99.0 00.0 00.6 00.0	+2 +2 +10 +10 +16	SSW SSW SSW SSW SSW	1 2 2 0 0	c c c c c	40 43 43 39 40	40 41 41 39 38	3 7 7 6 3	5 5 5 5 5	1 1 1 1 1	1 1 1 1 1	15 20 40 40 0	05.5 04.8 04.6 04.0 05.4	+42 +42 +32 +22 +28	SSW SSW SSW SSW SSW	4 3 2 0 0	20 20 20 20 20	41 44 37 38 40	38 36 37 38 39	6 6 6 6 6	5 4 4 4 4	4 4 4 4 4	3 3 3 3 3	20 30 30 30 30	1 0 1 1 1	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm											
12	Prestwick ... West Freugh ... Eskdalemuir ... Jury, I. of Man ... Machrihanish ...	99.8 00.0 99.0 00.5 99.0	+14 +34 +10 +36 +30	SE SE SE SE SE	2 2 2 2 0	c c c c c	42 45 45 45 44	39 41 37 37 42	7 6 7 7 7	5 5 5 5 5	4 4 4 4 4	6 5 5 5 5	3 3 3 3 3	70 25 18 18 25	05.5 05.6 06.2 06.8 04.5	+30 +36 +32 +30 +34	SE SSW SSW SSW SE	2 2 0 3 2	20 20 20 20 20	42 41 38 43 42	40 39 36 41 38	6 6 6 6 6	5 5 5 5 5	4 4 4 4 4	3 3 3 3 3	40 20 16 20 30	1 1 1 1 0	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cbcm cbcm cbcm										
13A	Tiree ... Oban ... Stornoway ... Cape Wrath ... Dalwhinnie ...	98.5 00.1 96.6 96.6 99.0	+20 +26 +26 +24 +20	SSW SSW SSW SSW SSW	3 0 4 4 3	c c c c c	45 45 45 45 45	43 43 43 43 43	8 8 8 8 7	5 5 5 5 5	4 4 4 4 4	5 5 5 5 5	25 15 10 25 15	03.1 04.9 00.8 00.6 03.5	+22 +28 +22 +24 +22	SSW SSW SSW SSW SSW	2 0 3 4 4	20 20 20 20 20	44 42 41 44 37	44 41 40 39 34	8 8 8 8 7	4 4 4 4 4	4 4 4 4 4	8 5 3 3 4	20 20 15 25 25	1 1 1 1 0	• • • • •	cbcm cbcm cbcm cbcm cbcm	cbcm cbcm cb													



6h

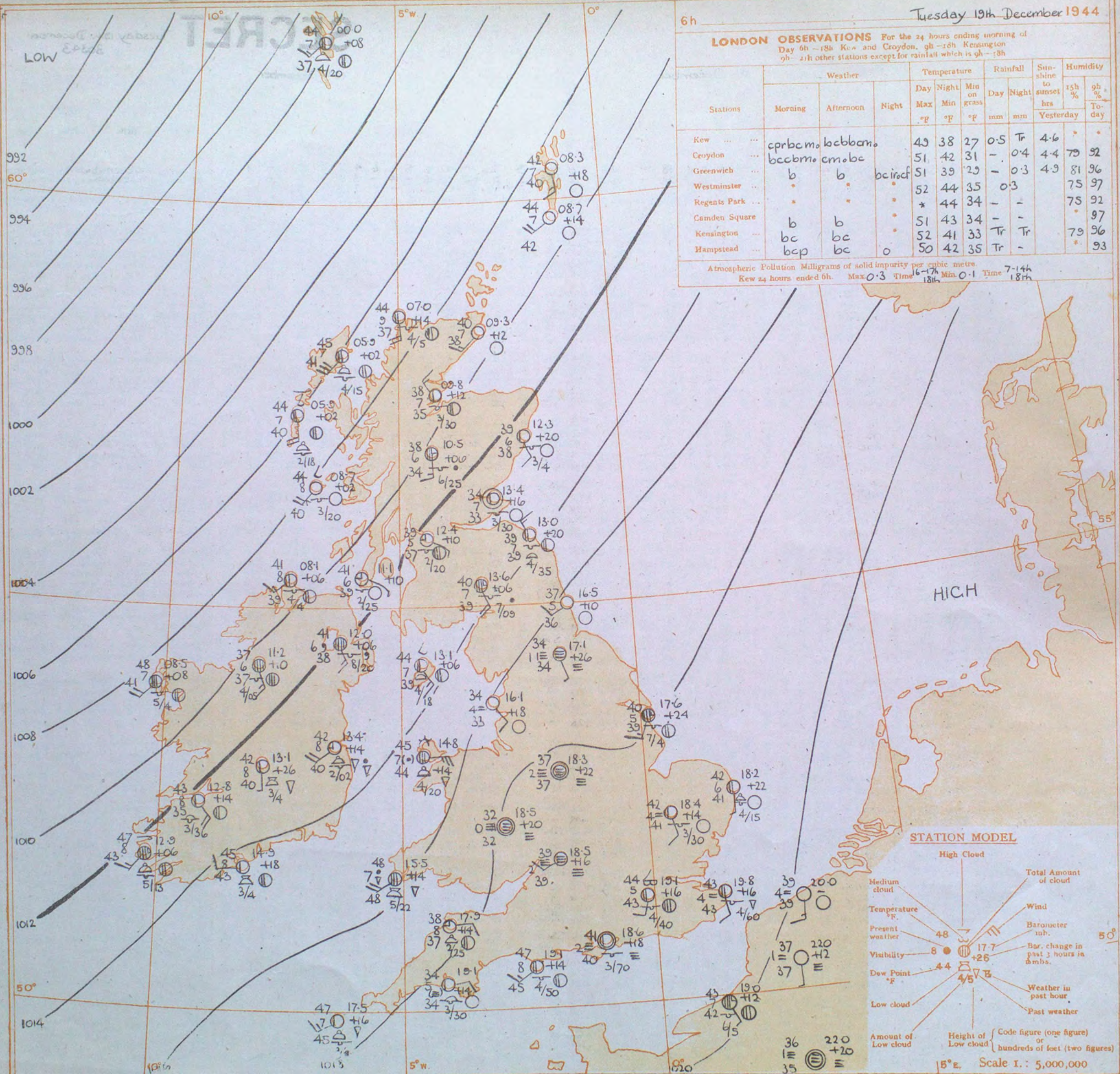
Tuesday 19th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of  
Day 6h - 18h Kew and Croydon, 9h - 18h Kensington  
9h - 21h other stations except for rainfall which is 9h - 18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs		Humidity	
	Morning	Afternoon	Night	Day Max	Night Min	Min on grass	Day mm	Night mm	Yesterday	To-day	15h %	9h %
Kew	cprbc m	lccbcm		43	38	27	0.5	Tr	4.6			
Croydon	bccbcm	cmobc		51	42	31	-	0.4	4.4	79	92	
Greenwich	b	b	bcircf	51	39	29	-	0.3	4.9	81	96	
Westminster				52	44	35	0.3			75	97	
Regents Park				*	44	34	-	-		75	92	
Camden Square				51	43	34	-	-			97	
Kensington	b	b		52	41	33	Tr	Tr		79	96	
Hampstead	bcp	bc	o	50	42	35	Tr	-		*	93	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max 0.3 Time 16-17h Min 0.1 Time 7-14h





# GENERAL INFERENCE

Pressure is low to the northwest of the British Isles, and a trough of low pressure will move east across Scotland and Ireland, then becoming quasi-stationary and filling. A ridge of high pressure over North France is intensifying and spreading north. Weather will be cloudy in Ireland and Scotland, with rain at times. Weather will be fair at first in Wales and western districts of England, but there will be fairly general mist and fog elsewhere. Fog will become fairly general this evening in England and Wales, and persist. Rather cold.

# FURTHER OUTLOOK

Little change.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Tuesday 19th December  
1944.

### 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. — Slight haze. —

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

**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.

[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.  
† 0th: Observations from Dyce.  
§ Sea disturbance reported from Dungeness.

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



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

SECRET

Wednesday 20th December 1944

No. 30344

OBSERVATIONS at 12h. G.M.T. 19th December																	OBSERVATIONS at 18h. G.M.T. 19th December																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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)	Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (21)	Dew Point °F. (22)	Visibility miles (23)	Cloud.				Height of Base Hundreds of feet. (29)	Barom. at M.S.L. (31)	Change in 3 hours. (32)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Dir.	Force.					Form.	Amount.	Total.	Low.				B.	Dir.					Force.	Form.	Amount.	Total.				A.	B.	19h.	19h.	19h.	20h.	20h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
																																					(9)	(10)	(11)	(12)	(13)	(14)	(19)	(20)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(41)	(42)	(43)	(44)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1	Kew	23.1	+1.4	SW	1	1	44	43	3	-	-	-	9	9	26.2	+1.8	SSE	1	1	1	41	40	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



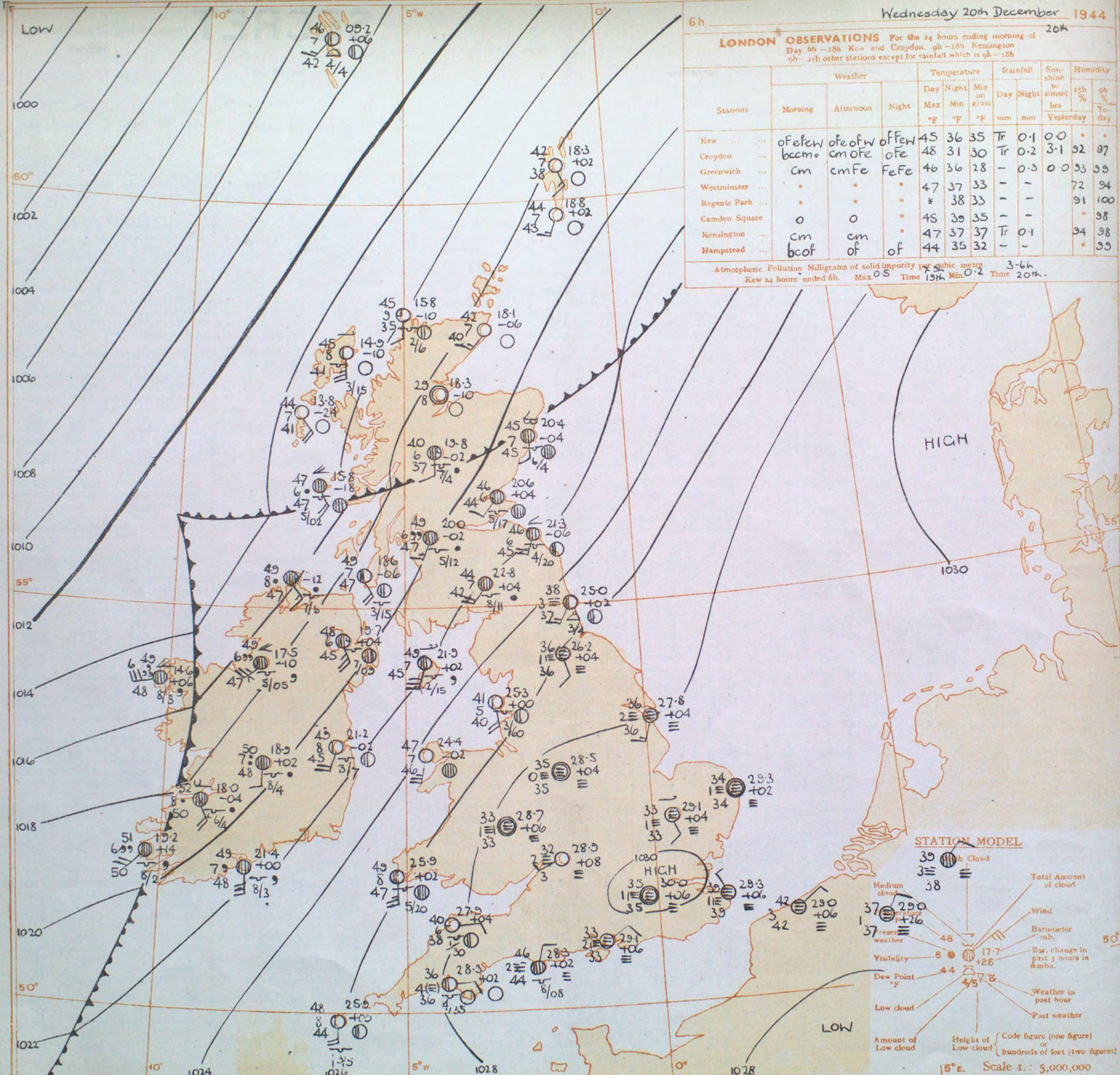
Wednesday 20th December 1944

6h

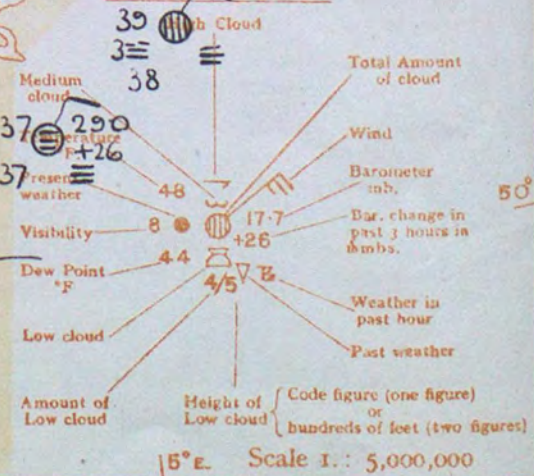
**LONDON OBSERVATIONS** For the 24 hours ending morning of 20th  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		15h %	9h %
Kew	of few	of few	of few	45	36	35	Tr	0.1	0.0	92	97
Croydon	bccm	cm of	of	48	31	30	Tr	0.2	3.1	93	99
Greenwich	cm	cm of	Fe Fe	46	36	28	-	0.3	0.0	72	94
Westminster	.	.	.	47	37	33	-	-	-	91	100
Regents Park	.	.	.	*	38	33	-	-	-	94	98
Camden Square	0	0	.	45	39	35	-	-	-	94	98
Kensington	cm	cm	.	47	37	37	Tr	0.1	-	94	98
Hampstead	bcof	of	of	44	35	32	-	-	-	94	99

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.5 Time 19h Min 0.2 Time 20h.



**STATION MODEL**





# GENERAL INFERENCE

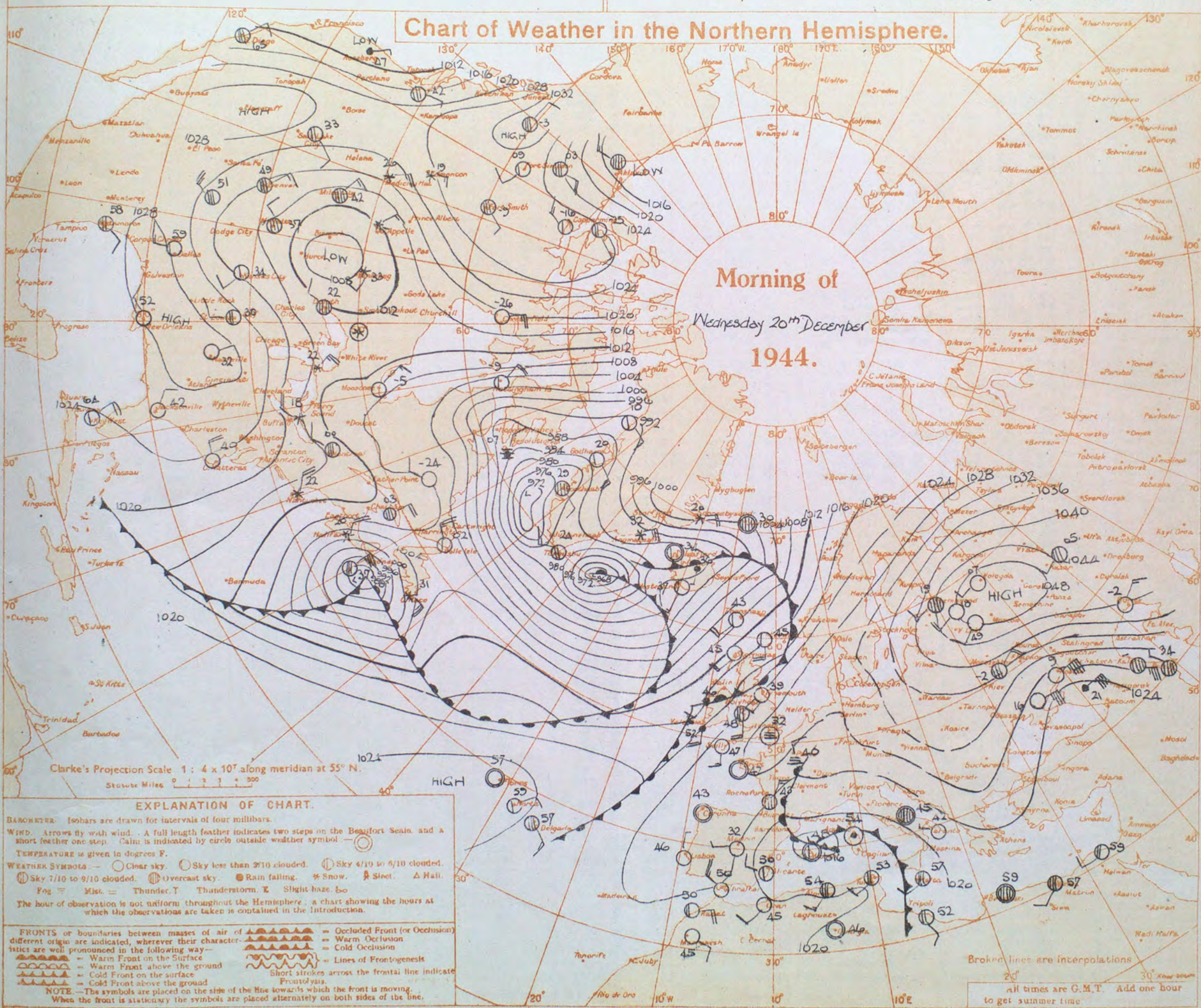
A ridge of high pressure over Southern England is moving slowly north. Pressure will continue low to the northwest, and associated weak troughs will move east across Ireland and Scotland. Weather will be cloudy in Scotland, Ireland, and the Irish Sea area, with occasional rain. With the exception of extreme western districts, there will be fairly general fog in England and Wales. It will be cold over most of England and Wales, with some frost, and rather cold elsewhere.

# FURTHER OUTLOOK

Little change, but fog may become less general.

Gale warning in operation in districts 13A, 13B, 15, 16, & 17.  
Times of issue 0440H G.M.T. 20th December 1944.

## Chart of Weather in the Northern Hemisphere.





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

Wednesday 20th December 1944

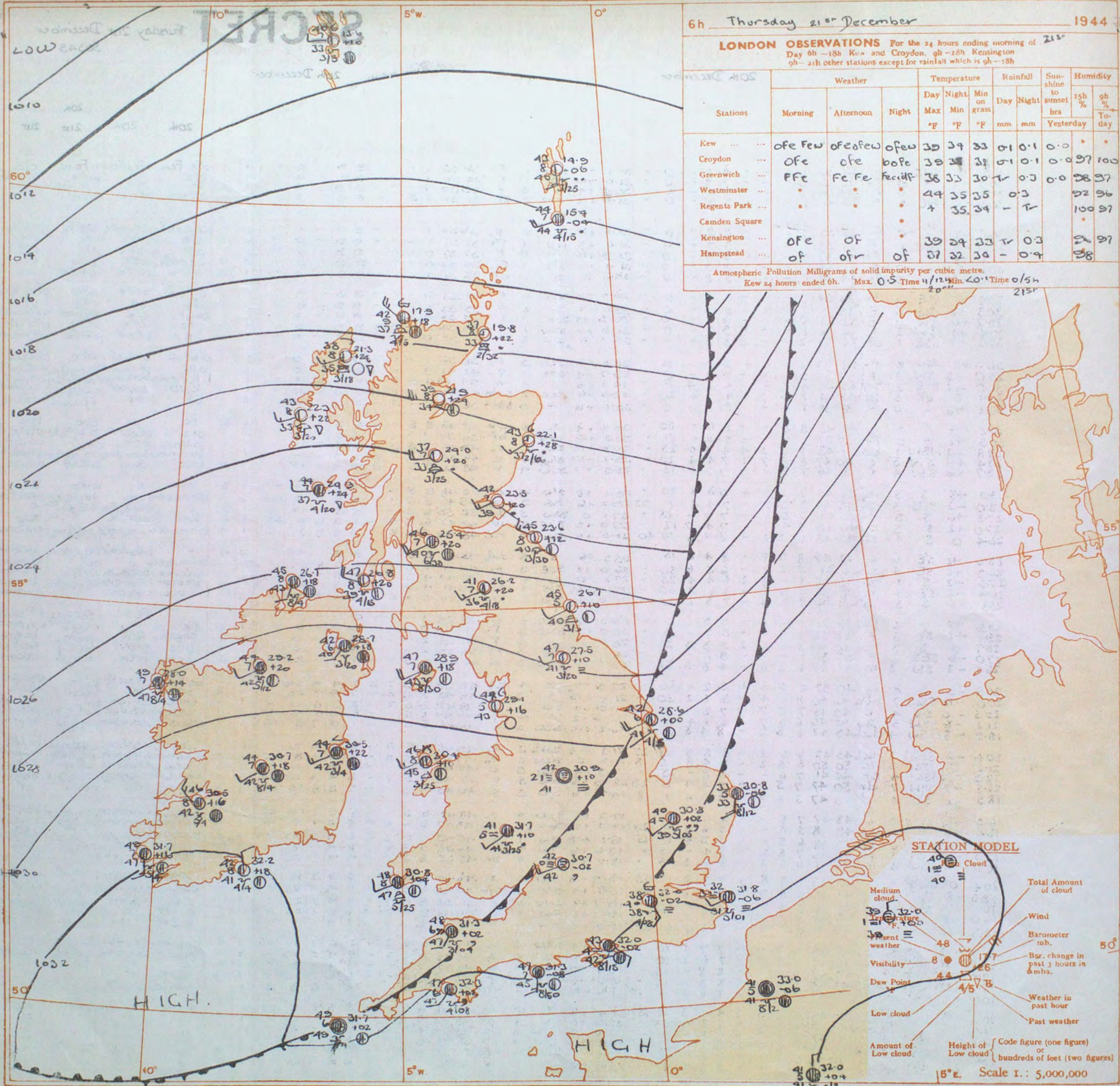
No. 30344

OBSERVATIONS at 00hr. G.M.T. December 20 <sup>th</sup>																	OBSERVATIONS at 06hr. G.M.T. 20 <sup>th</sup> December																	PAST 24 HOURS.						
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.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 19 <sup>th</sup> Hrs.		
					Dir.	Force.					Form.	Amount.	Total.	Low.	Med.				High.	Form.					Amount.	Total.	Low.	Med.	High.				Max. Day 6h-18h	Min. Night 18h-6h	Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.			
																																							(1)	(2)
1	Kew ...	16	28.7	+8	1	0	3	39	31	1	1	1	1	1	1	30.0	+10	S	1	F	38	38	1	1	1	1	1	1	1	1	1	45	36	35	Tr	0.1	0.0			
	Croydon ...	217	28.7	+8	1	0	3	32	31	1	1	1	1	1	1	30.0	+6	-	0	F.	35	35	1	1	1	1	1	1	1	1	1	1	48	31	30	Tr	0.2	3.1		
	Boscombe Down	417	28.4	+14	1	0	3	31	31	1	1	1	1	1	1	29.4	+6	-	0	F.	30	30	1	1	1	1	1	1	1	1	1	1	47	28	27	Tr	-	4.2		
	Thorney Island	10	28.0	+10	2	0	3	33	32	1	1	1	1	1	1	30.0	+6	NE	1	F.	33	33	2	1	1	1	1	1	1	1	1	1	46	32	28	Tr	TV	-		
	Friston ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Lympe ...	341	25.2	+18	2	0	3	38	38	1	1	1	1	1	1	31.1	+12	N	1	F	36	34	1	1	1	1	1	1	1	1	1	1	48	36	28	Tr	0.2	0.0		
	Manston ...	140	28.0	+10	1	0	3	41	41	1	1	1	1	1	1	29.3	+6	NNW	1	F.	35	35	1	1	1	1	1	1	1	1	1	1	49	38	31	-	-	0.9		
2	North Weald	244	28.7	+6	1	0	3	36	36	1	1	1	1	1	1	29.8	+4	SW	1	F	36	36	0	1	1	1	1	1	1	1	1	1	1	44	35	-	-	-	-	
	Felixstowe ...	10	28.2	0	1	0	3	37	37	1	1	1	1	1	1	30.3	+10	SW	1	F	35	34	1	1	1	1	1	1	1	1	1	1	1	45	34	34	-	-	1.3	
	Gorleston ...	5	28.2	+8	1	0	3	38	35	1	1	1	1	1	1	29.3	+2	-	0	F	34	34	1	1	1	1	1	1	1	1	1	1	43	34	32	-	-	0.0		
	Mildenhall	15	28.1	+8	SSW	1	CF	36	36	1	1	1	1	1	1	29.1	+4	SSW	1	F	33	33	1	1	1	1	1	1	1	1	1	1	46	32	32	0.1	TV	1.4		
	Bircham Newton	221	27.6	+6	SW	1	F	37	37	1	1	1	1	1	1	28.9	+4	SSW	2	F	34	34	1	1	1	1	1	1	1	1	1	1	40	34	33	Tr	TV	-		
	Cranwell ...	203	27.4	+10	1	0	3	32	32	1	1	1	1	1	1	28.3	+2	0	0	F	31	31	2	1	1	1	1	1	1	1	1	1	44	29	25	-	-	0.0		
3	Cranfield ...	340	27.9	+6	1	0	3	29	29	1	1	1	1	1	1	29.1	+4	SSW	1	F	31	31	1	1	1	1	1	1	1	1	1	1	42	29	*	-	-	-		
	Honiley ...	427	27.3	+8	SSW	2	b/f	37	37	4	1	1	1	1	1	28.6	+8	SSW	2	b/f	30	30	3	1	1	1	1	1	1	1	1	1	40	27	22	-	-	-		
4	Little Rissington	731	27.9	+14	SSW	2	F	35	35	1	1	1	1	1	1	28.9	+8	SSW	1	b/f	32	32	2	1	1	1	1	1	1	1	1	1	1	32	30	-	-	-	-	
	Shobden ...	318	27.8	+12	1	0	3	32	32	0	1	1	1	1	1	28.7	+6	0	0	F.	33	33	1	1	1	1	1	1	1	1	1	1	1	40	31	29	-	-	-	
5	Bristol ...	209	27.5	+4	1	0	3	36	36	4	1	1	1	1	1	29.4	+10	0	0	b/f	30	30	3	1	1	1	1	1	1	1	1	1	1	51	29	27	-	-	5.0	
	Chivenor ...	20	27.0	+14	1	0	3	41	40	6	1	1	1	1	1	27.9	+2	0	0	b/f	40	38	6	1	1	1	1	1	1	1	1	1	1	52	40	33	0.1	Tr	-	
	Yeovilton	50	27.5	+12	1	0	3	29	29	1	1	1	1	1	1	28.3	+6	0	0	b/f	28	28	2	1	1	1	1	1	1	1	1	1	1	52	27	25	Tr	-	-	
	Portland Bill	32	27.8	+12	SSW	3	b/c	48	46	8	1	1	1	1	1	28.3	+2	NNE	2	b/c	46	44	2	1	1	1	1	1	1	1	1	1	1	51	46	-	-	-	-	
	Exeter ...	100	28.1	+12	NNW	1	F	31	31	1	1	1	1	1	1	28.8	+4	NNW	1	F	29	29	1	1	1	1	1	1	1	1	1	1	1	51	29	26	-	-	-	
	Plymouth ...	86	27.6	+10	SW	1	b/f	37	37	4	1	1	1	1	1	28.3	+2	0	0	b/f	36	36	4	1	1	1	1	1	1	1	1	1	1	53	34	29	-	-	4.8	
	St. Eval ...	345	27.3	+14	SE	3	b/bc	43	43	6	1	1	1	1	1	27.6	-	0	0	2	43	43	6	1	1	1	1	1	1	1	1	1	1	50	41	37	0.2	-	-	
	The Lizard	240	26.4	+10	SW	3	b/bc	48	46	7	1	1	1	1	1	26.7	-	SSW	4	b/c	48	48	7	1	1	1	1	1	1	1	1	1	1	46	-	-	-	-	6.7	
6	Scilly, St. Marys	163	25.8	+12	3	3	0	47	46	8	1	1	1	1	1	25.9	-	0	0	b-bc	48	44	8	1	1	1	1	1	1	1	1	1	1	53	47	-	Tr	0.2	5.7	
	Fairwood ...	268	26.9	+8	1	0	3	43	43	6	1	1	1	1	1	27.7	+6	SE	1	2	42	42	5	1	1	1	1	1	1	1	1	1	1	48	45	34	-	-	-	
	Pembroke ...	142	25.1	+10	NW	5	0	49	49	8	1	1	1	1	1	25.9	+2	0	0	b-bc	49	47	8	1	1	1	1	1	1	1	1	1	1	51	48	-	0.2	-	5.8	
	Aberporth ...	425	-	-	1	0	3	49	49	8	1	1	1	1	1	25.8	+2	SW	4	b/c	45	44	7	1	1	1	1	1	1	1	1	1	1	50	43	-	-	-	4.9	
7	Penrhos ...	63	24.6	+10	3	4	2	47	45	6	1	1	1	1	1	25.1	-	0	0	2	46	44	6	1	1	1	1	1	1	1	1	1	1	50	45	43	Tr	-	-	
	Holyhead, Valley	32	24.0	+6	0	4	c-bc	48	47	7	1	1	1	1	1	24.4	-2	SW	5	b	47	46	7	1	1	1	1													



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







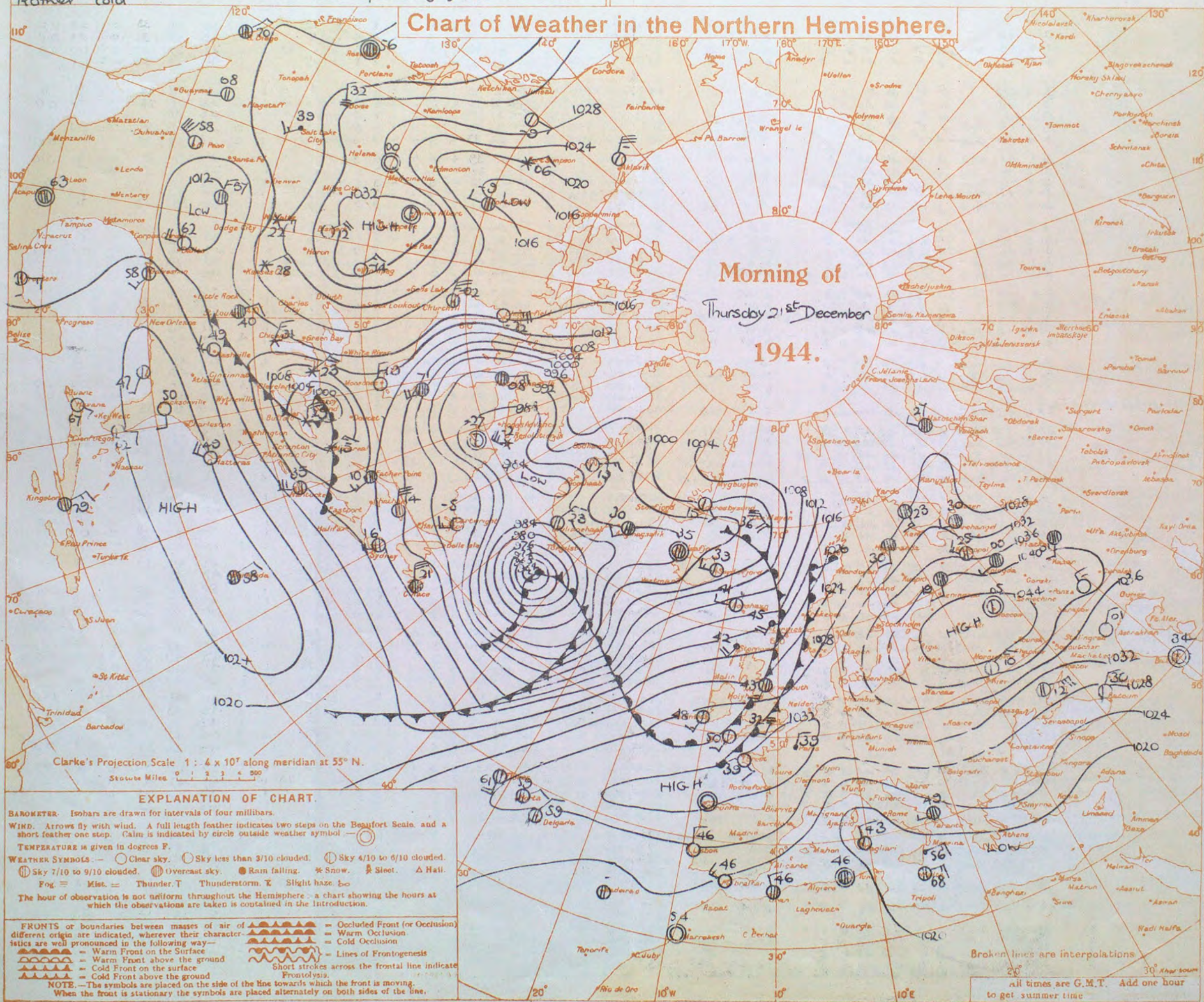
# GENERAL INFERENCE

An anticyclone centred over the Bay of Biscay is moving Northeast; a weak trough of low pressure is moving southeast across Southeast England and filling up; a trough of low pressure will move Northeast across Ireland, Scotland and the Irish Sea area, weather will be foggy in East Anglia and Southeast England, and fog will become fairly general tonight in most remaining districts of England; weather will be cloudy in Ireland, Scotland, the Irish Sea area and North England, with occasional rain spreading from the West. Rather cold.

# FURTHER OUTLOOK

Foggy conditions persisting in the Southeast; cloudy elsewhere, with some rain in the Northwest.

## Chart of Weather in the Northern Hemisphere.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Thursday 21st December 1944  
No. 30345

OBSERVATIONS at 00hr. G.M.T. 21st December																OBSERVATIONS at 06hr. G.M.T. 21st December																PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	TEMPERATURE.				RAINFALL.		Sun- shine 20h Hrs.						
					Dir.	Force.				Form.	Amount.		Dir.				Force.	Form.				Amount.																			
											Low.	High.										Low.	High.																		
1	Kew	16					37								31.9	-2	SW	1	id.	39	38	5							39	34	33	0.1	0.1	0.0							
	Croydon	217	33.3	+4	SW	2	32	32	1						32.0	-2	SE	3	id.	38	38	4								39	33	31	0.1	0.1	0.0						
	Boscombe Down	417	31.8	+2	SSW	2	31	31	4						31.5	-2		0	id.	43	43	1								39	37	37	0.0	0.1	0.0						
	Thorney Island	10	32.5	+4		0	31	31	4						32.0	-2	ESE	2	m	43	42	4								42	39	39	0.2	0.1							
	Friston																																								
	Lympe	341	34.6	+22		0	37	37	1						34.2	-6	WNW	2	cf.	30	30	1								39	28	24		Tr	Tr						
	Manston	140	32.1	+2		0	32	32	0						31.8	-6	WSW	1	cf.	32	31	3								40	28	28		Tr	0.0						
2	North Weald	244	32.9	+1		0	34	34	0						32.0	-2		0	Tr	37	37	1								38	31				0.0						
	Felixstowe	10	32.1	+2	SW	1	33	33	0						31.5	-6	SW	2	Tr	36	36	1								35	31	31	Tr	0.2	0.0						
	Gorleston	5	31.3	+6	SW	2	32	29	1						30.8	-6	SSW	3	z	33	33	5								37	30	22			0.0						
	Mildenhall	15	31.7	+4	SSW	3	35	35							30.8	+2	SW	2	cf.	40	39	4								36	32	32	Tr	Tr	0.0						
	Bircham Newton	221	31.2	0		2	33	33	1						30.4	0	S	3	F+	32	32	1								37	31	31	Tr	Tr							
	Cranwell	203	29.8	-6	SSW	3	38	38	5						29.8	+4	W'S	3	F+	43	43	4								34	33	31			0.0						
3	Cranfield	340	31.4	+2	SSW	2	37	37	1						30.8	-4	SSW	3	F+	42	42	3								36	33	25			0.3						
	Honiley	427	30.5	+2	SSW	3	39	39	4						30.4	+2	SW	3	F+	42	42	2								39	35	29		Tr							
4	Little Rissington	731	31.3	+4	WSW	4	40	39							30.7	-2	WSW	3	F	42	42	0									35	35	0.4	0.4							
	Shobden	318	30.5	+6	E	1	42	42	5						31.7	+0	SW	1	cf.	41	41	5								41	40	32			4.0						
5	Bristol	209	31.3	+6	3	2	45	44	5						31.4	+6	SSW	1	z	46	44	6								47	42	37									
	Chivenor	20	31.0	+6	E	2	45	45	5						31.3	+2	SW	2	d.d.	48	47	6								51	44	40									
	Yeovilton	50	31.4	+4	SSW	1	37	36	6						31.1	-2	SW	1	r	46	46	5								44	36	37									
	Portland Bill	32	31.8	+10		3	47	45	5						31.3	-8	S	3	c	47	45	7								50	45										
	Exeter	100	31.3	+10		0	34	34	2						32.0	+4	NNW	1	id.	42	42	5								52	32	28			2.7						
	Plymouth	86	31.3	+4	SSW	3	50	48	6						32.3	+2	SW	1	z	47	47	6								52	46	42									
	St. Eval	345	31.4	+8	SSW	3	47	46	4						32.1	0	WSW	1	m	47	47	4								51	43	41	0.3	1	2.2						
	The Lizard	240	31.1	+10	SW	5	49	47	5						31.7	+4	W	3	cf.	47	47	7								52	47										
	Scilly, St. Marys	163	30.6	+12	SSW	1	50	50	7						31.7	+2		0	c	49	49	6								52	45				3.5						
6	Fairwood	268	30.6	+6	SSW	2	46	46	1						31.6	+6	NNW	3	z	46	46	6								47	45	42									
	Pembroke	142	29.6	+14	WSW	3	50	50	6						30.8	+4	W'S	2	cf.	48	47	8								50	47			0.6	0.0						
	Aberporth	425	29.6	+14	WSW	3	50	50	6						30.6	+12	WSW	2	b	45	43	8								48	44			1	0.0						
7	Penrhos	63	28.0	+12	SSW	4	48	46	6						30.4	+4		0	z	41	41	6								48	41	33									
	Holyhead, Valley	32	27.7	+18	SSW	4	47	47	7						30.4	+0	WSW	3	bc	46	45	8								48	44	42		Tr							
	Hawarden	15	27.5	+2	SW	3	47	44	6						29.8	+12	WSW	0	z	38	37	6								46	38	32		0.3	0.1						
8	Manchester	230	27.6	0	S	4	44	42	4						23.1	+4	SW	3	z	40	40	5								45	40	33									
	Squires Gate	30	27.2	+8	SW	3	47	45	4						23.1	+16	W'S	2	z	44	43	5								45	43	41									
	Silloth	25	24.3	+6	SSW	5	48	47	5						27.6	+8	SW	4	z	45	43	6								49	43	40									
9	Ashbourne	590	30.6	+2	SE	1	37	37	0						30.9	+0		0	f	42	41	2								39	36	36									
	Snarth	30	28.4	-2	SSW	4	41	41	6						29.6	+0	WSW	3	m	45	43	4								40	38	37									
10	Spurn Head	29	29.2	+2	S	4	36	36	5						28.6	0	WSW	4	z	42	41	6								42	36			1	4.0						
	Leeming	105	26.3	0	SE	2	41	41	2						27.5	+0	WSW	2	b	47	41	7								39	39	38									
	Tynemouth	108	29.6	-2	SSW	3	43	42	4						26.7	+0	SW	2	z	45	40	5																			



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

SECRET

Friday 22 December 1944

No. 30346

OBSERVATIONS at 12h. G.M.T. 21st December

OBSERVATIONS at 18h. G.M.T. 21st December

PAST 24 HOURS

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. m. (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. m. (24)	Cloud.					Height of Base Hundreds of feet. A. B. (31) (32)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.							
				Dir.	Force.					Form.		Amount. Total. (12)	Low.				Dir.	Force.					Form.		Amount. Total. (26)	Low.					06h.-12h. (41)	12h.-18h. (42)	18h.-24h. (43)	00h.-06h. (44)				
										Low.	Med.		High.	Total.									A.	B.		Low.	Med.								High.	Total.	A.	B.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(19)	(20)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(41)	(42)	(43)	(44)																	
1	Kew ...	33.5	0	W	2	m/f	45	45	4	5	1	8	7	15	25	34.4	+8	WIN	1	m	45	43	4	5	8	8	21	1	1	id. rfm	cmom	irmtf	irmtf					
	Croydon ...	33.2	-2	WSW	2	m	45	45	4	8	1	8	8	8	15	34.3	+4	WIN	2	m	45	44	2	5	8	8	6	1	1	id. rfm	cmom	irmtf	irmtf					
	Boscombe Down	34.0	+10	WNW	1	m	46	46	5	10	1	1	1	1	4	34.6	+8	WNW	1	m	44	43	4	5	7	8	5	1	1	id. rfm	cmom	irmtf	irmtf					
	Thorney Island	33.5	-2	W	1	c/f	47	47	5	10	1	1	1	1	4	34.4	+10	WNW	1	m	46	44	5	5	3	8	4	1	1	id. rfm	cmom	irmtf	irmtf					
	Friston	33.5	-2	W	1	c/f	47	47	5	10	1	1	1	1	4	34.4	+10	WNW	1	m	46	44	5	5	3	8	4	1	1	id. rfm	cmom	irmtf	irmtf					
	Lympe	33.8	-2	WNW	1	df	41	41	3	1	1	1	1	1	0	33.5	-2	WNW	3	F	40	40	1	1	1	9	9	0	1	1	od. d. f.	od. d. f.	FFe	OFFrr				
	Manston	33.1	+2	SSW	2	df	41	41	4	1	1	1	1	1	0	32.7	-2	SSW	2	df	43	43	3	1	1	9	9	0	1	1	od. d. f.	od. d. f.	FFe	OFFrr				
2	North Weald	33.7	+6	SSW	2	df	44	44	1	1	1	1	1	1	0	34.5	+6	W	2	df	42	42	2	5	1	8	8	30	1	1	FF	FF	FF	FF				
	Felixstowe	32.3	+2	W	2	df	41	41	1	1	1	1	1	1	0	33.5	+14	WNW	2	df	42	42	4	5	1	8	8	11	1	1	FF	FF	FF	FF				
	Corleston	31.0	+2	W	3	F	42	41	1	1	1	1	1	1	0	32.2	+2	W	2	F	42	41	1	5	1	9	9	0	1	2	FF	FF	FF	FF				
	Mildenhall	32.7	+8	W	2	m	46	46	4	5	5	5	5	5	5	33.4	+10	W	1	f	42	41	2	1	1	9	9	0	1	1	cmcfid.	cmom	irmtf	irmtf				
	Bircham Newton	32.2	+6	WSW	3	df	43	43	3	5	5	5	5	5	5	33.1	+6	WNW	3	df	42	41	3	5	1	9	9	0	1	1	cmcfid.	cmom	irmtf	irmtf				
	Cranwell	31.3	+10	WSW	3	df	44	43	3	5	5	5	5	5	5	33.0	+6	WSW	3	df	43	41	3	5	1	9	9	0	1	1	cmcfid.	cmom	irmtf	irmtf				
	Cranfield	33.0	+6	W	2	df	43	43	3	5	5	5	5	5	5	34.0	+6	WSW	2	df	42	41	3	5	1	9	9	0	1	1	df	df	df	df				
	Honiley	33.1	+6	W	1	m/f	44	43	4	5	5	5	5	5	5	33.8	-6	SW	3	f	41	41	2	1	1	9	9	0	1	1	df	df	df	df				
4	Little Rissington	33.1	+4	W	1	df	43	43	3	5	5	5	5	5	5	34.0	+10	WNW	1	f	43	42	6	7	1	8	8	60	1	1	df	df	df	df				
	Shobden	34.2	+8	W	1	df	44	44	6	5	5	5	5	5	5	34.8	+10	WSW	1	f	44	43	7	5	7	8	8	25	1	1	df	df	df	df				
5	Bristol	34.2	+2	WNW	2	df	46	46	2	5	5	5	5	5	5	34.1	+10	W	0	m	44	43	4	5	7	8	8	15	1	1	df	df	df	df				
	Chivenor	34.5	+6	WNW	1	df	49	41	7	5	5	5	5	5	5	35.5	+6	W	1	m	45	44	6	5	7	8	8	8	1	1	df	df	df	df				
	Yeovilton	34.0	+4	WSW	1	m	47	46	4	5	5	5	5	5	5	35.0	+10	W	0	m	46	44	5	5	7	8	8	30	1	1	df	df	df	df				
	Portland Bill	33.4	+8	NE	3	c	50	48	8	5	5	5	5	5	5	34.5	+10	W	3	0	50	48	7	5	1	8	8	50	1	4	0	0	0	0				
	Exeter	34.2	+2	W	1	c/f	48	48	6	5	5	5	5	5	5	34.9	+6	NW	4	m	46	44	6	5	1	8	8	40	1	1	id. rfm	cmom	irmtf	irmtf				
	Plymouth	35.2	+6	W	1	c/f	48	48	6	5	5	5	5	5	5	36.0	+12	NW	1	m	47	45	6	5	7	8	8	20	1	1	id. rfm	cmom	irmtf	irmtf				
	St. Eval	35.7	+6	WNW	2	df	48	48	6	5	5	5	5	5	5	36.0	+2	W	0	m	47	45	6	5	7	8	8	20	1	1	id. rfm	cmom	irmtf	irmtf				
	The Lizard	34.7	+4	W	3	bc	50	48	6	5	5	5	5	5	5	34.8	+2	WNW	3	c	46	44	6	5	1	7	7	15	0	3	id. rfm	cmom	irmtf	irmtf				
	Scilly, St. Marys	35.3	+8	WNW	3	c	50	49	7	8	8	8	8	15	15	35.9	+10	WNW	2	c	46	45	6	5	1	7	7	4	1	2	c	c	c	c				
6	Fairwood	34.9	+6	WNW	2	2	46	46	6	5	5	5	5	5	5	35.4	-2	WSW	1	m	45	45	5	5	1	8	8	10	40	1	2	cmom	cmom	cmom	cmom			
	Pembroke	34.5	+6	W	3	2	48	47	6	5	5	5	5	5	5	34.6	+2	SE	2	m	49	49	6	5	1	8	8	15	1	2	cmom	cmom	cmom	cmom				
	Aberporth	33.8	+8	W	1	c/f	46	45	7	5	5	5	5	5	5	34.1	+6	SW	1	c	44	45	7	5	1	8	8	15	1	1	bc bcc	bc bcc	bc bcc	bc bcc				
	Penrhos	33.1	+8	W	0	c/f	45	45	5	5	5	5	5	5	5	33.1	-	W	0	m	47	46	5	5	1	8	8	6	40	1	1	bc bcc	bc bcc	bc bcc	bc bcc			
	Holyhead, Valley	32.8	+10	SW	3	c	47	47	7	2	2	2	2	25	25	32.7	+2	SW	3	m	48	47	6	5	1	8	8	14	25	1	2	c	c	c	c			
	Hawarden	32.8	+10	SSW	1	2	46	46	6	5	5	5	5	5	5	32.8	-2	SW	2	m	47	45	6	5	7	8	8	35	1	1	bc bcc	bc bcc	bc bcc	bc bcc				
8	Manchester	32.7	+12	SW	2	2	43	42	5	5	5	5	5	5	5	32.7	+2	SE	3	m	44	45	3	5	7	8	8	0	1	1	bc bcc	bc bcc	bc bcc	bc bcc				
	Squires Gate	31.3	+4	W	2	2	46	45	5	5	5	5	5	5	5	32.2	+4	SSW	3	m	45	44	5	5	7	8	8	45	1	1	bc bcc	bc bcc	bc bcc	bc bcc				
	Silloth	31.0	+14	SW	2	c	45	42	7	5	5	5																										



6h

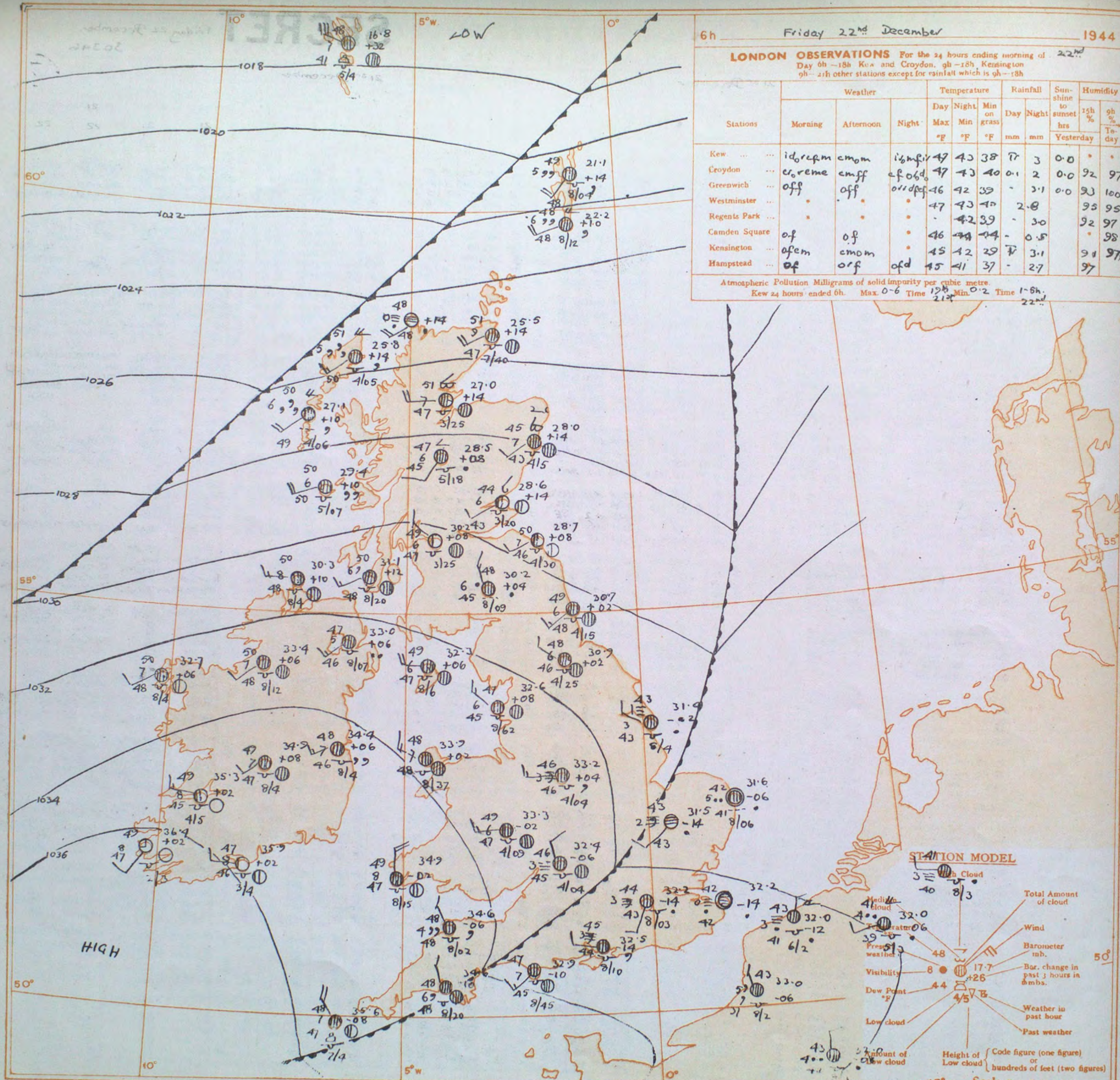
Friday 22<sup>nd</sup> December

1944

LONDON OBSERVATIONS For the 24 hours ending morning of 22<sup>nd</sup>Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-24h other stations except for rainfall which is 9h-18h

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	id, ref, m	cmom	is, m, f, r	47	43	38	7	3	0.0	*	*
Croydon	ex, ref, m	cmff	ex, m, f, r	47	43	40	0.1	2	0.0	92	97
Greenwich	off	off	off, m, f, r	46	42	39	-	3.1	0.0	93	100
Westminster	.	.	.	47	43	40	2.8	.	.	95	95
Regents Park	.	.	.	.	42	39	.	30	.	92	97
Camden Square	of	of	.	46	44	44	.	0.5	.	.	98
Kensington	afem	cmom	.	45	42	39	7	3.1	.	91	97
Hampstead	of	of	of	45	41	37	.	2.7	.	97	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.6 Time 12<sup>h</sup> Min. 0.2 Time 1-6h.21<sup>st</sup> 22<sup>nd</sup>



# GENERAL INFERENCE

A large anticyclone off southwest Ireland is spreading northeast. Weather will be mainly fair in the North and West, but there will be much cloud and local drizzle in the East and Southeast. It will be rather mild.

# FURTHER OUTLOOK

Similar, but becoming somewhat colder in the Southeast.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Friday 22nd December  
1944.

### 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. ☁ Slight haze. ☁

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

**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.

Friday 22nd December 1944

No. 30340

[illegible]

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

[illegible]

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

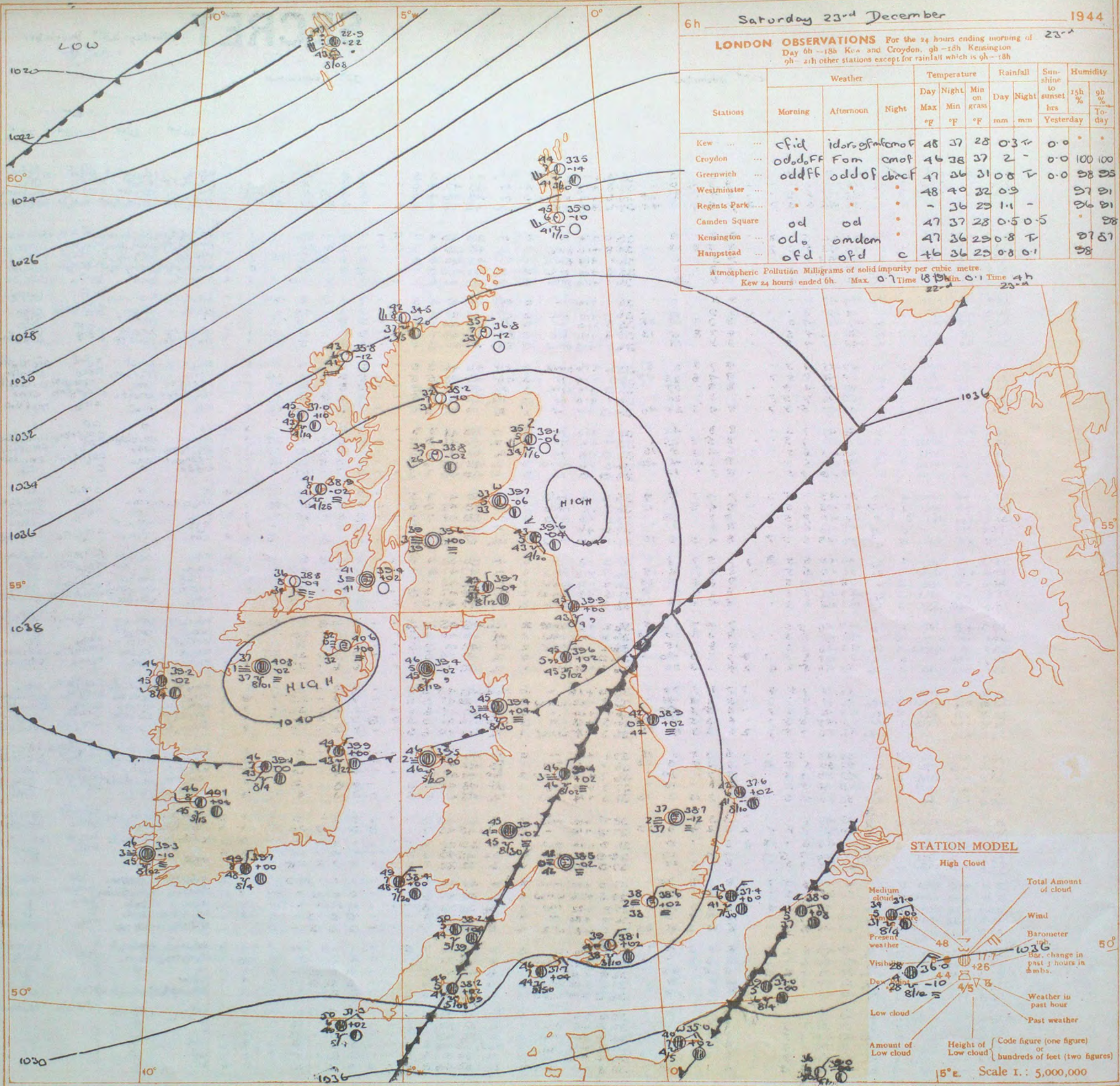
\* Information not usually received.  
† oth. Observations from Dyce.  
§ Sea disturbance reported from Dungeness.

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











Pressure will continue high over the British Isles, with a weak trough of low pressure moving East across Northern Ireland and South Scotland, with mist and fog in many districts, more especially during the night. In Eire it will be cloudy, with local slight drizzle; over the rest of Scotland weather will be fair at first, becoming cloudy, with occasional rain.

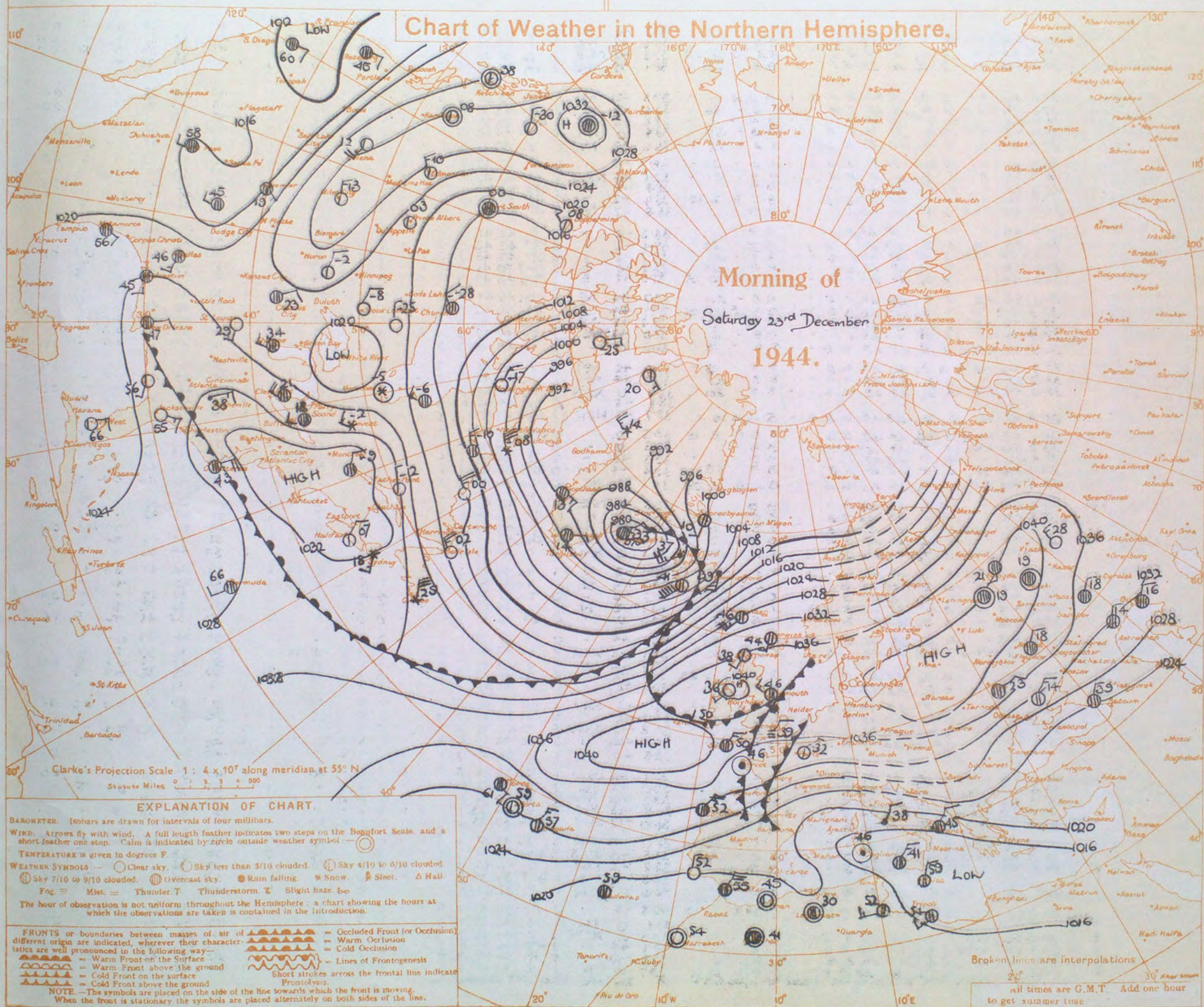
#### GENERAL INFERENCE

Cloudy in the West and North, with occasional rain; quiet foggy conditions in the Southeast.

#### FURTHER OUTLOOK

### Chart of Weather in the Northern Hemisphere.

Morning of  
Saturday 23<sup>rd</sup> December  
1944.





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

Saturday 23rd December 1944

No. 2347

OBSERVATIONS at 00hr. G.M.T. 23rd December																				OBSERVATIONS at 06hr. G.M.T. 23rd December																				PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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.	Sea.	TEMPERATURE.			RAINFALL.		Sun- shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					Dir.	Force.					Form.	Amount.	Low.	Med.			High.	Form.					Amount.	Height of Base Hundreds of feet.	Dir.	Force.			Form.	Amount.	Height of Base Hundreds of feet.	Max. Day 6h-18h	Min. Night 18h-6h		Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
																																						0-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9	9-12	12-3	3-6	6-9



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

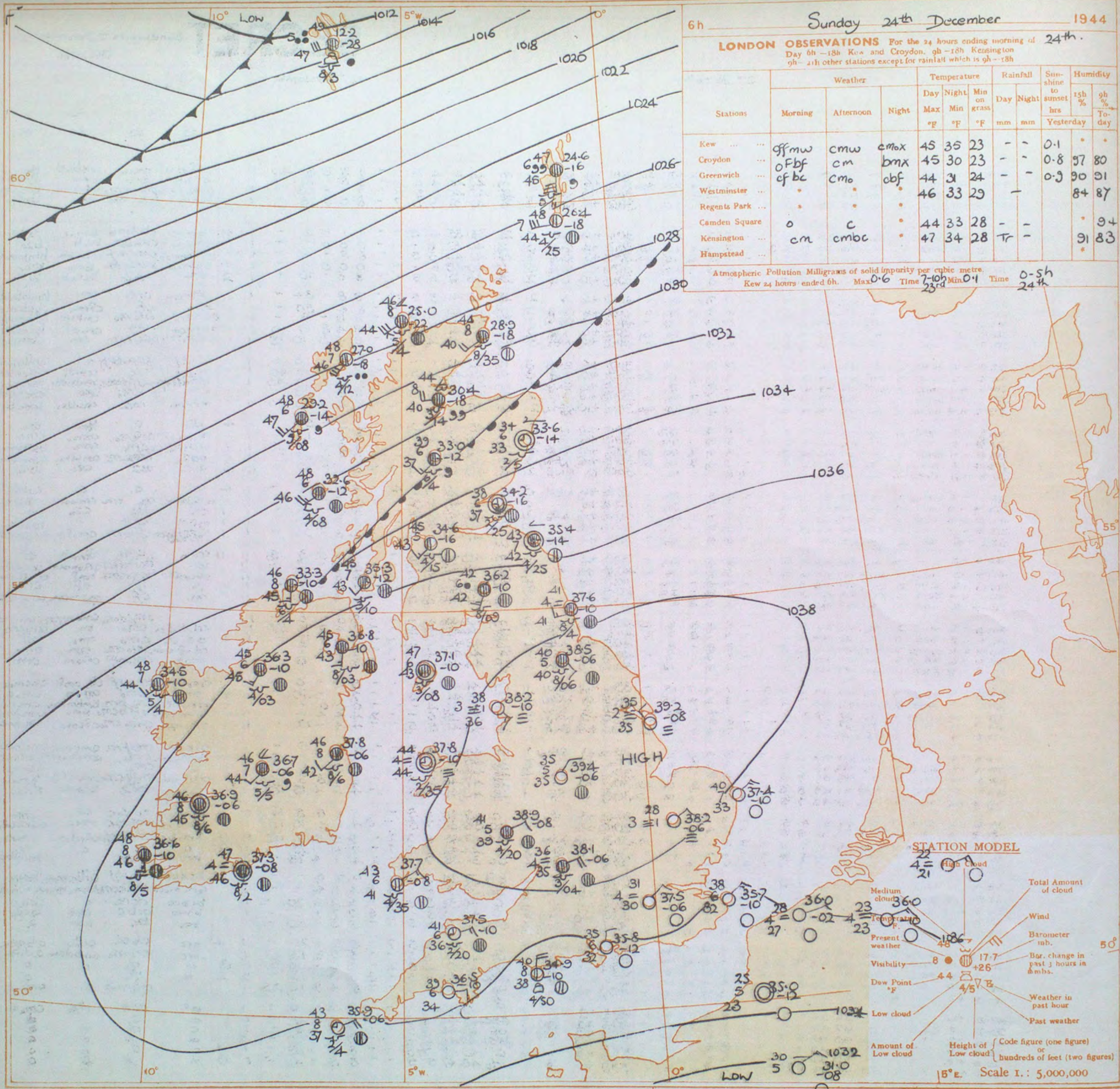
SECRET

Sunday, 24 December 1944

No. 30348

OBSERVATIONS at 12h. G.M.T. 23 <sup>rd</sup> December																	OBSERVATIONS at 18h. G.M.T. 23 <sup>rd</sup> December																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Dew Point °F. (7)	Visibility. m. (8)	Cloud.				Height of Base Hundreds of feet. (15)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (22)	Dew Point °F. (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. (31)	Barom. at M.S.L. mb. (33)	Change in 3 hours. (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Dir.	Force.					Low.	Med.	High.	Total.				Low.	Med.					High.	Total.	A.	B.				A.	B.	A.	B.	0-9 (41)	12h.-18h. (42)	18h. 23 <sup>rd</sup> to 00h. 24 <sup>th</sup> (43)	00h.-06h. (44)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
																																						Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
																																																										Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				





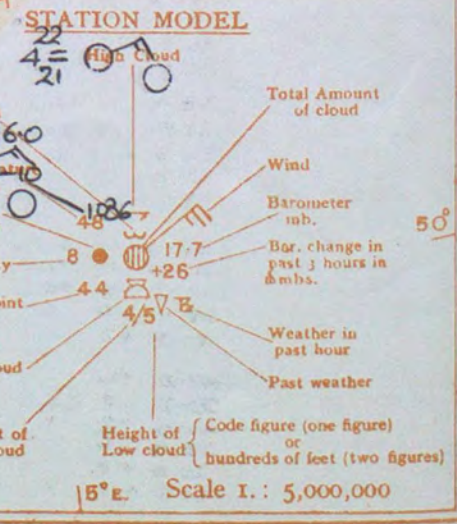
6h Sunday 24th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 24th.

Day 6h-18h Kew and Croydon. 9h-18h Kensington  
9h-24h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day Max °F	Night Min °F	Min on grass °F	Day mm	Night mm		15h % Yesterday	9h % To-day
Kew	offmw	cmw	cmox	45	35	23	-	-	0.1	*	*
Croydon	oFbf	cm	bmX	45	30	23	-	-	0.8	97	80
Greenwich	cfbc	cmo	obf	44	31	24	-	-	0.3	90	91
Westminster	.	.	.	46	33	29	-	-		84	87
Regents Park	.	.	.								
Camden Square	o	c	.	44	33	28	-	-			94
Kensington	cm	cmbc	.	47	34	28	Tr	-		91	83
Hampstead	.	.	.							*	*

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 0.6 Time 7-10h Min 0.1 Time 23rd  
0.5h 24th





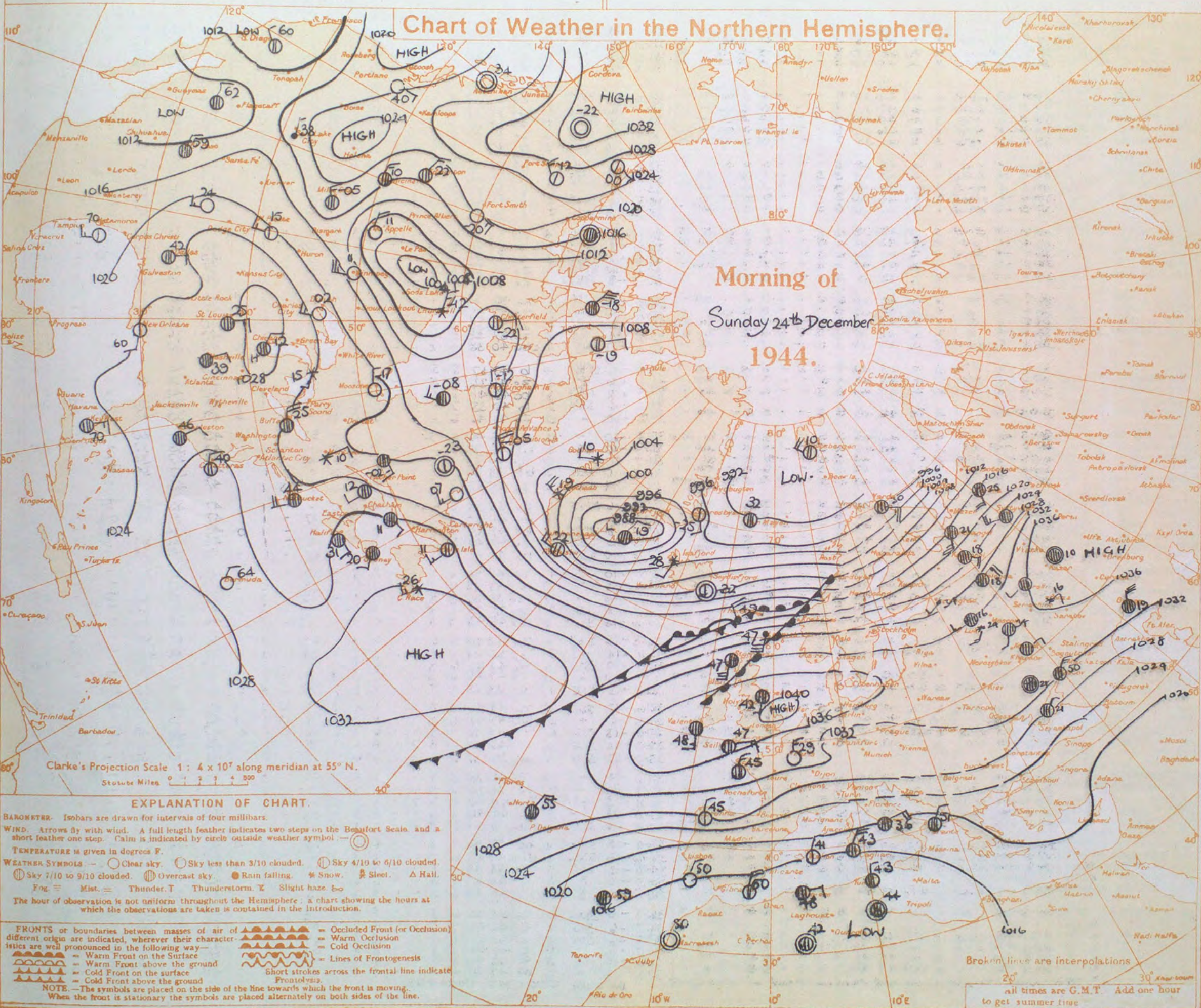
# GENERAL INFERENCE

An anticyclone centred over Northeast England is tending to move slightly east, and a trough of low pressure is approaching Scotland from the Northwest. It will be cloudy in Scotland and Northern Ireland with slight local drizzle at first, mainly in the Northwest. Later a belt of rain will move slowly down over the Northwest half of Scotland. Over England and Wales there will be much fog, persisting in many places throughout the next 24 hours. In the extreme South and in eastern parts of East Anglia there will be considerable bright periods, however. It will be mild in the North, rather cold in the South, but cold in the foggy areas.

# FURTHER OUTLOOK

Rain at times in the North. Quiet conditions in the South, with much fog.  
 ↓ Gale warning in operation in districts. 13b, 15, 16.  
 Time of issue 0800 GMT. 24/12/44

## Chart of Weather in the Northern Hemisphere.





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

Sunday 24th December 1944

No. 30348

OBSERVATIONS at 00hr. G.M.T. 24th December																	OBSERVATIONS at 06hr. G.M.T. 24th December																	PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																					
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.	TEMPERATURE.					RAINFALL.		Sun- shine Hrs.																																																																																																																																																																																																																																																																																																																																																																
					Dir.	Force.	Weather.				Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.			Weather.	Form.	Amount.				Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.				Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.		Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.



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

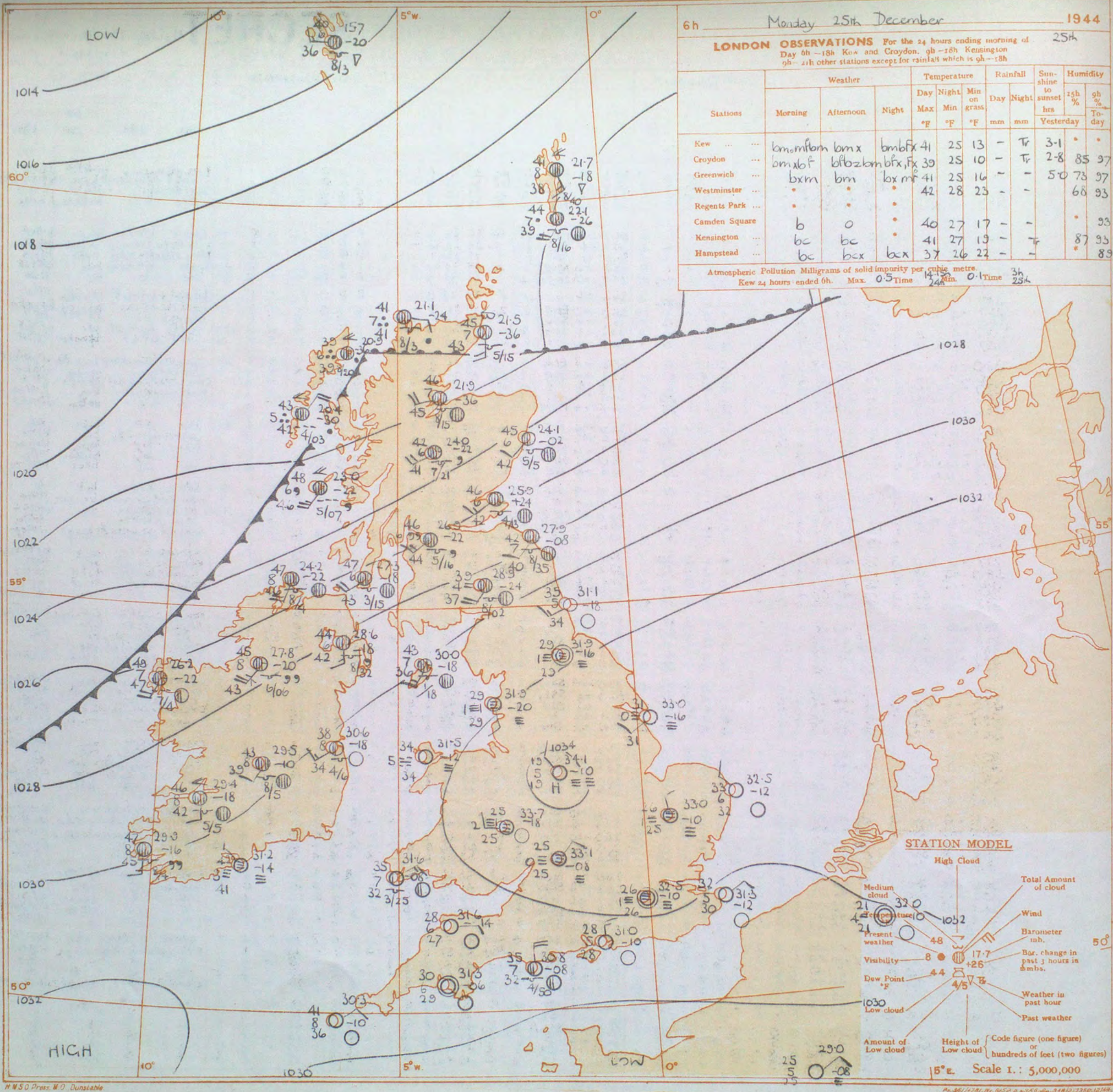
SECRET

Monday 25th December 1944

No. 30349...

OBSERVATIONS at 12h. G.M.T. 24th December																	OBSERVATIONS at 18h. G.M.T. 24th December																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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. (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. (32)	Sea. 0-9 (33)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Dir.	Force.					Low.	Med.	High.	Total.				Low.	A.					B.	Low.	A.	B.				A.	B.	06h.-12h. 24th	12h.-18h. 24th	18h. 24th to 00h. 25th	00h.-06h. 25th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
																																				Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		







**GENERAL INFERENCE**  
A ridge of high pressure over England and Wales is moving slowly south, while small depressions are moving east-northeast near North Scotland. Over much of England and Wales there will be extensive fog and frost. In Scotland weather will be cloudy with occasional rain.

**FURTHER OUTLOOK**  
Little change.

## Chart of Weather in the Northern Hemisphere.

Morning of

Monday 25th December

1944.





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

Monday 25th December 1944

No. 30349

OBSERVATIONS at 00hr. G.M.T. 25th December																			OBSERVATIONS at 06hr. G.M.T. 25th December																			PAST 24 HOURS.											
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.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs.											
					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.	Max. Day 6h-18h			Min. Night 18h-6h	Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.													
																																					Low.		Med.	High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.
1	Kew	16						32								32.3	+10			bF	28	27											41	25	13			3.1											
2	Croydon	217	34.1	-14	N.E.	2	b.c.	29	29	2						32.5	-10	N.W.	2	26	26	1											39	25	10			2.8											
	Boscombe Down	417	34.2	-14	N.E.	2	b.c.	28	29	5						32.2	-10	N.W.	2	29	29	2											40	33	22			6.3											
	Thorney Island	10	33.4	-8	N.W.	2	b.c.	31	28	5						31.0	-10	N.W.	2	28	28	5																											
	Friston																																																
2	Lympe	341	34.3	-2	N.E.	3	b.c.	33	30	5						32.4	-10	N.E.	3	32	30	5											41	31	24			7.2											
	Manston	140	33.2	-10	E.N.	3	b.c.	37	31	7						31.3	-12	N.E.	1	32	30	5											43	31	21			6.6											
	North Weald	244	33.5	-4	N.W.	2	b.c.	27	27	1						32.8	-12	N.W.	2	26	26	1											40	23															
	Felixstowe	10	34.2	-8	N.W.	2	b.c.	33	32	6						32.5	-8	N.W.	2	31	30	6											43	31	28			6.5											
3	Gorleston	5	34.5	-10	N.E.	1	b.c.	40	35	7						32.5	-12	N.W.	1	33	32	6											44	33	26			6.1											
	Mildenhall	15	33.0	-14	N.E.	1	F	23	23	0						33.0	-10	N.W.	2	26	26	1											37	22	22			2.7											
	Bircham Newton	221	33.2	-12	N	1	F	33	30	0						33.3	-18	N.W.	1	23	22	3											41	22	15			0.0											
	Cranwell	203	33.3	-18	N	0	F	30	30	0						33.8	-14	N.W.	1	26	26	1											36	25	20														
3	Cranfield	340	33.3	-10	N.W.	2	F	29	29	0						33.1	-14	N.W.	1	26	26	1												37	26	26													
	Honiley	427	33.9	-10	N	1	F	28	28	1						33.5	-10	N.W.	0	24	24	1											36	23	23														
	Little Rissington	731	33.0	-10	N.W.	3	F	27	27	0						33.1	-14	N.W.	2	25	25	0											41	24	24														
	Shobden	318	33.3	-16	N	1	F	31	31	2						33.7	-18	N.W.	1	25	25	2											41	25	26														
5	Bristol	209	33.3	-6		0	F	31	28	2						33.5	-10	N.W.	1	28	28	1												39	24	24			2.4										
	Chivenor	20	34.0	-6		0	F	32	27	5						31.6	-14	N.W.	2	28	27	6											47	28	19														
	Yeovilton	50	34.2	-4	N.E.	2	m	30	30	4						32.4	-10	N.E.	2	29	29	3											45	27	21														
	Portland Bill	32	32.0	-4	N.E.	1	b.c.	37	34	8						30.8	-8	N	4	35	32	7											45	34															
6	Exeter	100	33.3	-14	N	2	b.c.	31	28	5						31.7	-14	N	2	29	26	5												40	28	18													
	Plymouth	86	32.6	-12	E	3	b.c.	34	28	6						31.3	-6	N.W.	2	30	29	6											47	30	19			7.0											
	St. Eval	345	33.5	-6	E.N.E.	2	b.c.	32	28	6						31.3	-16	E.N.E.	2	35	32	5											43	30	26														
	The Lizard	240	31.8	-8	E.N.E.	4	b.c.	41	37	5						30.4	-10	N.E.	3	37	34	5											46	35				6.8											
7	Scilly, St. Marys	163	32.2	-4	E.N.	3	b.c.	40	32	0						30.3	-10	E.N.E.	2	41	36	8												46	38				6.6										
	Fairwood	268	34.8	-10	N.E.	1	m	31	27	4						32.6	-16	N.E.	1	29	25	4											46	27	24														
	Pembroke	142	34.2	-12	N.W.	3	b.c.	35	35	6						31.6	-8	N.W.	3	35	32	7											44	34				5.6											
	Aberporth	425														32.1	-12	N.W.	1	32	28	5											44	32	19			4.1											
8	Penrhos	63	34.0	-14		0	b.c.	35	35	5						31.4	-14		0	32	29	5												45	29	19													
	Holyhead, Valley	32	34.3	-14		0	b.c.	37	37	1						31.5	-12		0	34	34	1											46	31	30														
	Hawarden	15	33.3	-14	S.S.E.	2	b.c.	32	32	0						32.6	-12	S.E.	3	29	29	1											43	29	22			0.7											
	Manchester	230	36.3	-6	S	1	F	27	27	1						32.9	-16	S	0	24	24	1											43	24	20														
9	Squires Gate	30	33.0	-10	S	3	F	32	32	0						31.9	-20	S	2	29	29	1											42	28	24														
	Silloth	25	32.9	-14	S	3	b.c.	45	41	5						29.7	-18	S.S.W.	4	41	36	5											47	41	39														
	Ashbourne	590	36.1	-14		0	b.c.	25	25	3						34.1	-10	N.W.	1	19	19	5											44	18	14														
	Snaith	30	36.3	-10	S.S.E.	2	F	28	28	0						33.6	-12	S.S.W.	2	25	25	0											41	25	19														
10	Spurn Head	29	33.5	-10	N.W.	1	F																																										



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

Tuesday 26th December 1944

No. 30350

OBSERVATIONS at 12h. G.M.T. 25th December.																	OBSERVATIONS at 18h. G.M.T. 25th December.																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																													
District.	STATIONS. (For heights, see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Dew Point °F. (7)	Visibility. m. (8)	Cloud.				Height of Base Hundreds of feet. (15)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. (31)		State of Ground. (33)	Sea. 0-9 (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Dir.	Force.					Form.	Amount.	Total.	Low.				Med.	High.					Form.	Amount.	Total.	Low.	Med.	High.			Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form.	Amount.	Total.	Low.	Med.	High.	Form



6h Tuesday 26<sup>th</sup> December

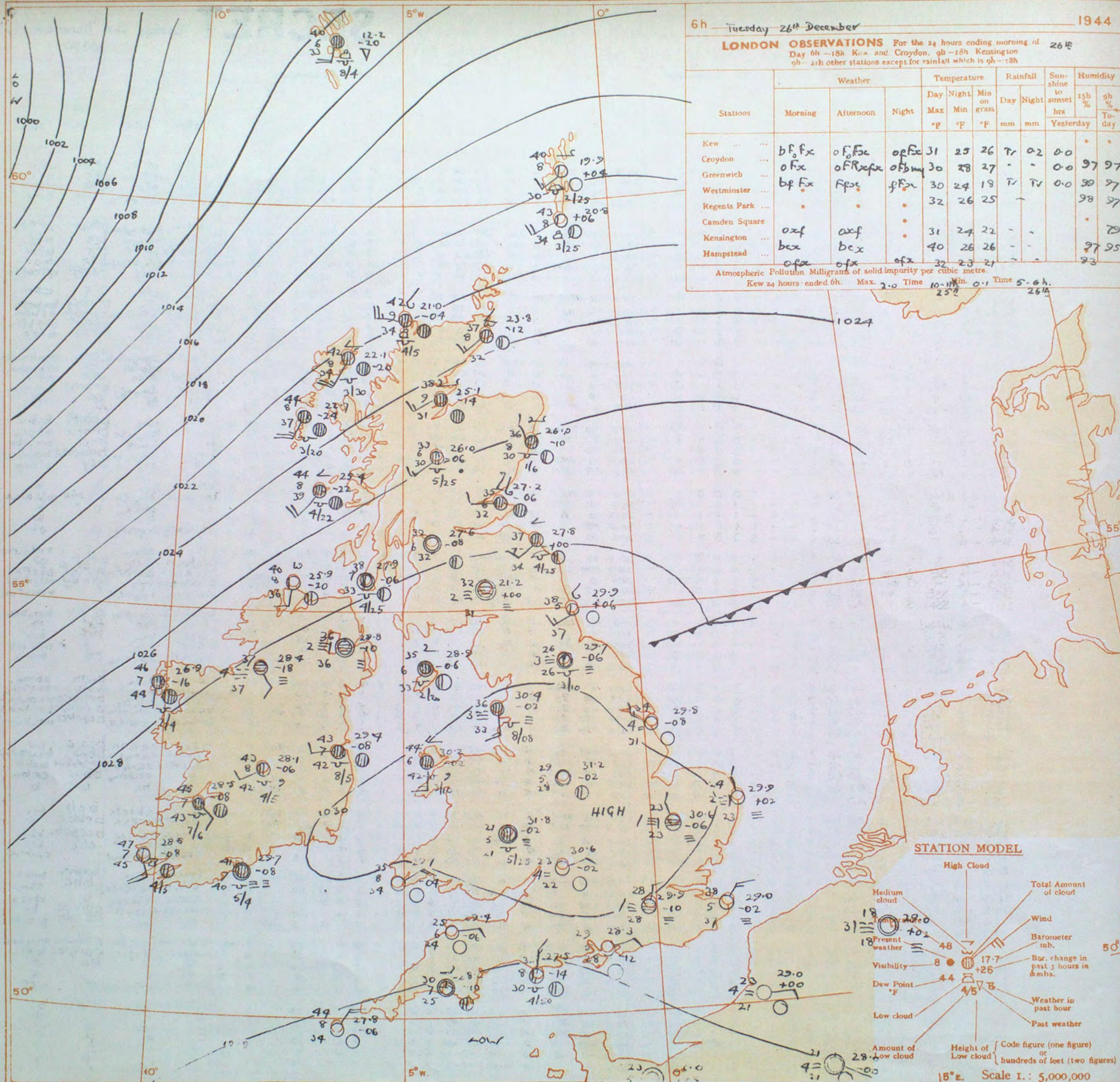
1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 26<sup>th</sup>  
 Day 6h-18h Kew and Croydon, 9h-18h Kensington  
 9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day Max	Night Min	Min on grass	Day mm	Night mm		15h %	9h % To-day
Kew	b f f x	o f f x	o f f x	31	25	26	Tr	0.2	0.0		
Croydon	o f x	o f f x	o f f x	30	28	27	-	-	0.0	97	97
Greenwich	b f f x	f f x	f f x	30	24	18	Tr	Tr	0.0	98	97
Westminster				32	26	25	-	-		98	97
Regents Park											
Camden Square											
Kensington	o x f	o x f		31	24	22	-	-			79
Hampstead	b e x	b e x		40	26	26	-	-		97	95
	o f x	o f x	o f x	32	23	21	-	-		83	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 2.0 Time 10-11 Min. 0.1 Time 5-6h.



## STATION MODEL

High Cloud  
 Medium cloud  
 Low cloud  
 Amount of Low cloud  
 Temperature  
 Present weather  
 Visibility  
 Dew Point  
 Wind  
 Barometer  
 Bar. change in past 3 hours in mb.  
 Weather in past hour  
 Past weather  
 Height of Low cloud  
 Code figure (one figure) or hundreds of feet (two figures)

5°E. Scale 1: 5,000,000



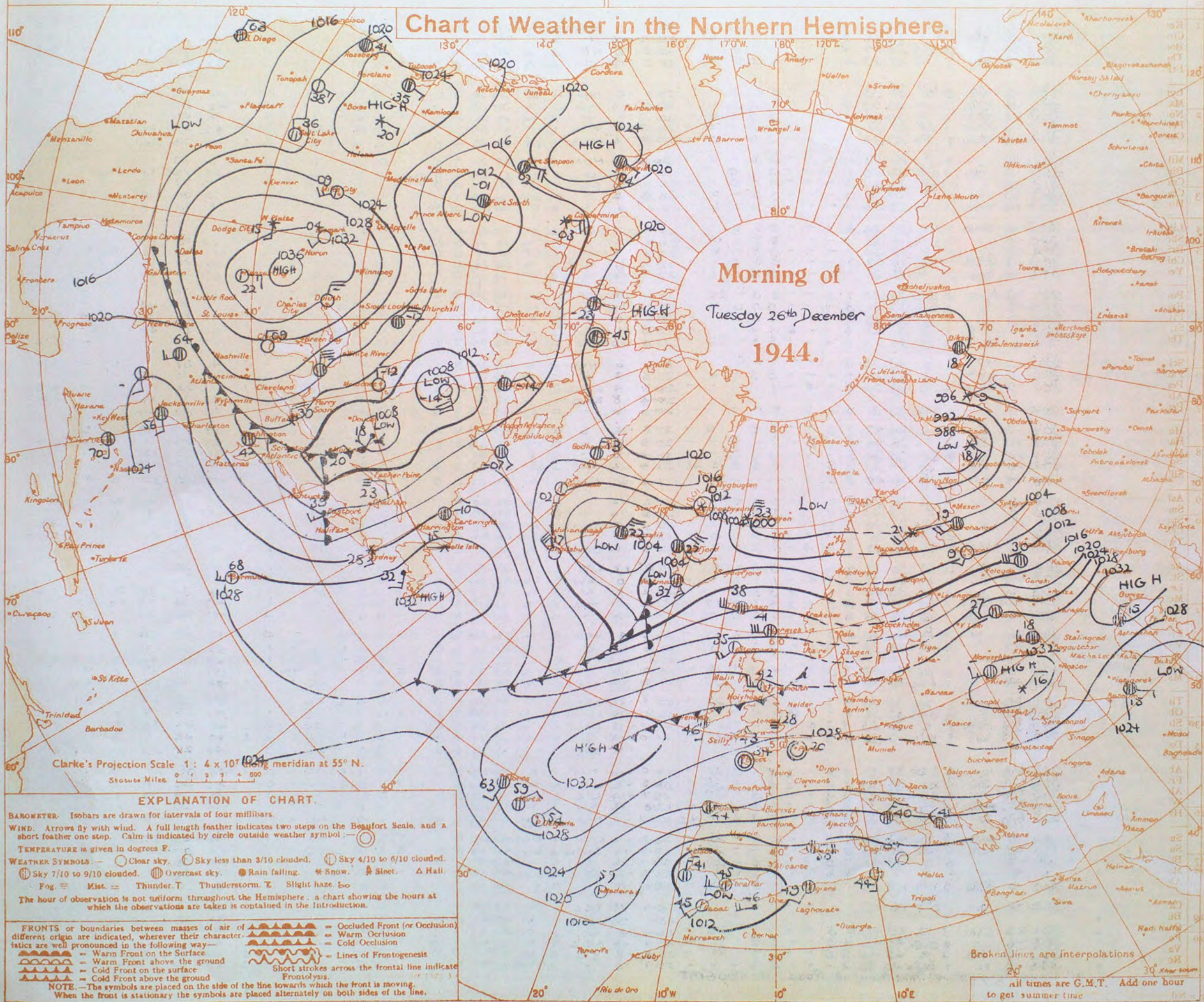
# GENERAL INFERENCE

A ridge of high pressure over England and Wales is moving very slowly south; a depression south of Iceland is moving East-northeast and associated troughs will affect Scotland and North Ireland; in England and Wales there will be little cloud but fairly general fog; in Scotland there will be occasional rain; it will be frosty over most of England and Wales, and rather cold in Scotland.

# FURTHER OUTLOOK

Little change.  
Gale warning in operation in districts 13, 15 & 1.  
Time of Issue 0845 GMT.

## Chart of Weather in the Northern Hemisphere.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Tuesday 26<sup>th</sup> December 1944

No. ....

OBSERVATIONS at 00hr. G.M.T. 26 <sup>th</sup> December																	OBSERVATIONS at 06hr. G.M.T. 26 <sup>th</sup> December																	PAST 24 HOURS.						
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.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 25 <sup>th</sup> Hrs.		
					Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.						Dir.	Force.					Form.	Amount.	Height of Base Hundreds of feet.													
													Low.	Med.	High.	Total.											A.	B.	Low.	Med.			High.	Total.	A.	B.				
											(1)	(2)	(3)	(4)	(5)	(6)									(7)	(8)	(9)	(10)	(11)	(12)			(13)	(14)	(15)	(16)	(17)		(18)	(19)
1	Kew	16	30.6	-2	NE	1	F	27	27	4						29.7	-8	ENE	2	F	27	27	2								31	25	26	TV	0.2	0.0				
	Croydon	217	30.6	-2	NE	1	F	28	28	4						29.9	-10	ENE	2	F	28	28	1									30	28	27			0.0			
	Boscombe Down	417	30.4	-4	N	3	3/4	24	24	4						29.5	-8	NE	3	3	22	22	4									21	17				0.0			
	Thorney Island	10	29.3	-2	NN	2	M	25	25	4						28.5	-12	ENE	2	2	29	28	6									39	24	12						
	Friston																																							
	Lympne	341	29.1	-2	NE	3	bF	34	33	1						29.2	-2	NE	3	bF	36	36	1									41	31	21			6.8			
	Manston	140	29.2	-2	NNE	2	m	33	33	4						29.0	-2	NE	3	2	38	37	1									42	30	20						
2	North Weald	244	30.9	-6	NNN	2	F	24	24	1						30.0	-6	NN	2	bF	28	22	1									29	21							
	Felixstowe	10	30.1	-2	NNN	1	CF	27	27	1						29.9	-6	NNNE	1	F	27	27	1									42	26	22		0.1	5.2			
	Gorleston	5	29.8	+6	NNN	2	F+	35	34	1						29.9	+2	NNN	1	bF	24	23	2									47	24	20		2	5.8			
	Mildenhall	15	31.2	+2		0	F	25	25	1						30.6	-6	NNW	1	F	23	23	1									30	23				0.0			
	Bircham Newton	221	30.8	-2	SW	1	bF	22	20	3						30.7	-6	E	2	bF	21	21	1									30	19	13	0.2					
	Cranwell	203	31.0	-4		0	bF	21	21	3						30.1	-6	ESE	2	bF	26	23	1									33	27	15						
3	Cranfield	340	31.2	+2	W	1	bF	24	24	0						30.9	-2		0	bF	20	19	1									27	20	19						
	Honiley	427	29.8	+6	NNN	2	F+	35	34	1						31.1	0		0	F	26	26	0									27	20	12						
4	Little Rissington	731	30.7	-4	NNE	1	m	25	24	4						30.6	-2	ENE	2	3	23	22	4								*	*								
	Shobden	318	32.0	-2		0	CF	19	19	1						31.8	-2		0	CF	21	21	1									33	18	9						
5	Bristol	209	31.4	-2		0	F	25	24	1						30.8	-4		0	CF	20	18	1									31	20	23			0.0			
	Chivenor	20	30.3	-2	ESE	1	F	28	27	9						29.4	-6	E	2	26	24	6	0									40	24	15						
	Yeovilton	50	30.6	+4	NN	1	F+	25	25	1						29.9	-4		0	F	21	21	0									29	20	17						
	Portland Bill	32	29.1	+2	NNN	3	bbc	33	30	7						27.5	-14		3	b	33	30	8									36	30							
	Exeter	100	30.6	-2	N	2	bF	22	21	3						29.3	-6		2	b	23	22	4									32	21	15						
	Plymouth	86	29.6	-2	S	1	b	29	25	6						28.2	-10		0	b	26	25	7									43	25	13			3.5			
	St. Eval	345	30.3	+2	ESE	1	b	33	27	6						29.0	-2	ESE	2	b	34	22	7									41	33	28						
	The Lizard	240	29.2	0	ENE	2	b	36	23	6						27.8	-10	NESE	4	b	28	24	7									41	33				5.2			
	Scilly, St. Marys	163	29.3	-2	NE	3	b	43	34	8						27.8	-6	NEW	4	b	44	34	8									47	37				6.0			
6	Fairwood	268	31.0	-2	ESE	1	F	29	29	1						30.8	-2		0	F	22	22	4									29	21	18						
	Pembroke	142	30.7	-2	ENE	1	b	35	24	7						29.7	-4	ESE	3	b	33	24	8									39	23				6.3			
	Aberporth	425														30.4	-8	SSE	1	b	33	28	8									46	31	16			7.5			
7	Penrhos	63	30.6	-2		0	b	33	31	7						29.6	-6		0	F	38	37	7									43	32	24						
	Holyhead, Valley	32	30.6	-2	S	2	c	44	42	7						30.2	-2	S	3	2	44	42	6									45	40	38		0.1				
	Hawarden	15	31.2	0	SE	2	f	26	26	3						30.3	+6		0	CF	31	30	3									32	24				3.4			
8	Manchester	230	31.1	+4		0	bF	25	24	3						30.4	-6		0	CF	31	29	3									32	33	18						
	Squires Gate	30	30.4	-6	SE	2	CF	34	33	3						30.4	-2	SSE	3	CF	26	33	3									35	28	27						
	Silloth	25	29.6	+6	SW	2	f	41	40	5						29.2	0	ESE	2	2	34	33	5									45	33	32	TV	0.3				
9	Ashbourne	590	31.8	-2	NW	2	F	27	23	5						31.2	-2		0	F	28	28	5									38	18	*	TV		*			
	Snaith	30	31.3	0		0	F	23	23	0						30.5	-10		0	F	28	28	2									27	22	24						
10	Spurn Head	29	30.7	+2	N	1	bF	32	26	3						29.8	-10		0	b	34	21	4									37	29				3.7			
	Leeming	105	29.8	-2		0	bF	26	26	2						29.7	-6		0	b	26	26	3									30	25	25			0.0			
	Tynemouth	108	29.3	+4	NNN	3	b	42	39	6						29.9	+6	WSW	3	b	38	27	5									41	26	21			*			
	Acklington	138	28.8	+6	SW	3																																		



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

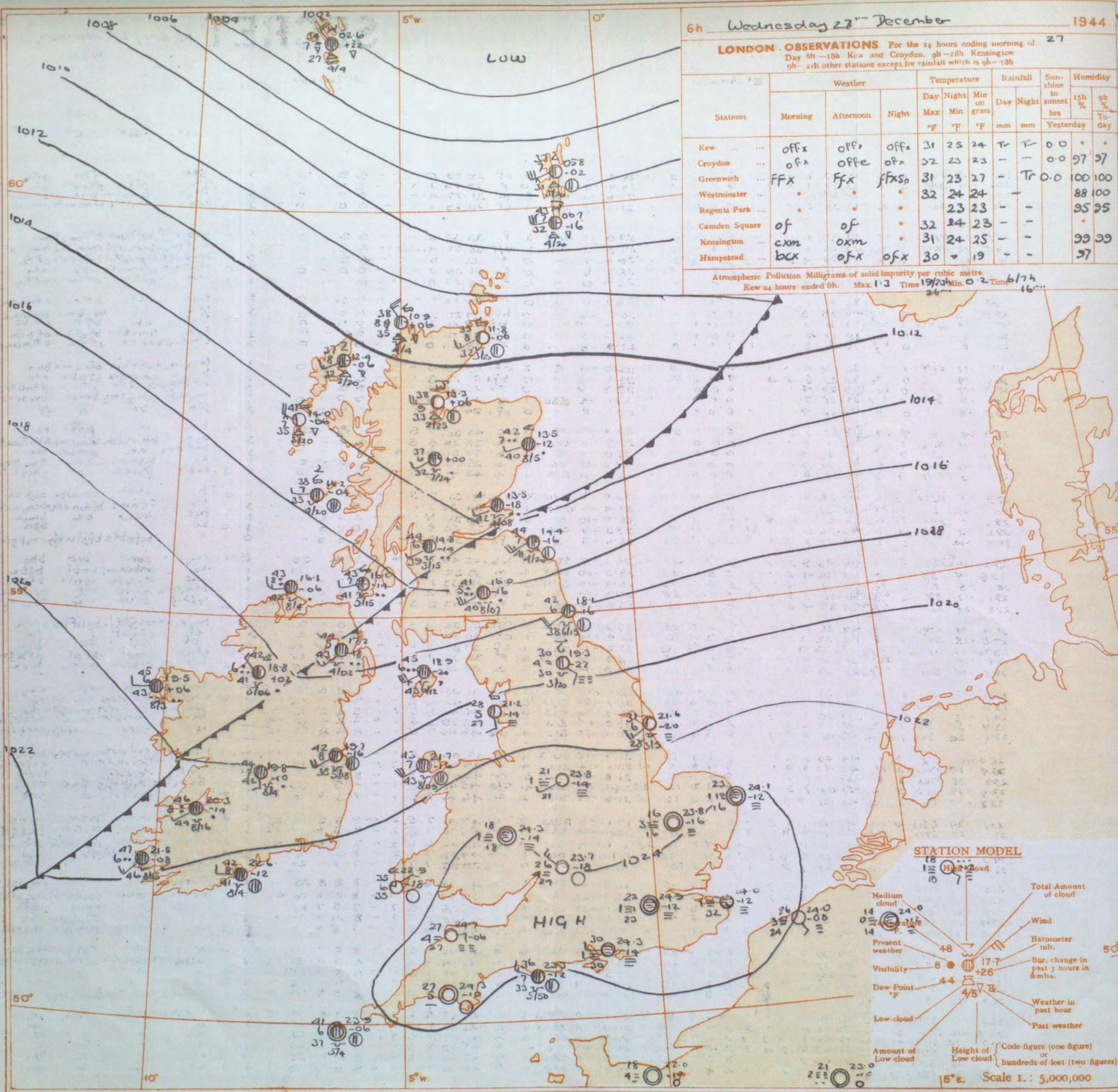
SECRET

Wednesday 27<sup>th</sup> December 1944

No. 30351

OBSERVATIONS at 12h. G.M.T. 26 <sup>th</sup> December																	OBSERVATIONS at 18h. G.M.T. 26 <sup>th</sup> December																	PAST 24 HOURS				
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. m. (8)	Cloud.				Height of Base Hundreds of feet. (16)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather. (21)	Temp. °F. (22)	Dew Point °F. (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. (32)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.								
				Direc. (3)	Force. (4)					Form. (9)	Med. (10)	High. (11)	Amount.				Direc. (19)	Force. (20)					Form. (25)	Med. (26)	High. (27)	Amount.				A. (29)	B. (30)							
													Total. (12)	Low. (13)	Total. (28)											A. (29)	B. (30)											
																												A. (14)				B. (15)	A. (31)	B. (32)				
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Friston ...	29.2 30.2 29.6 29.0	-14 -10 -16 -2	S'W NNE - NE	1 2 0 2	f F f z	28 28 30 33	28 28 29 30	2 1 5 5	- - - -	- - - -	9 9 9 0	9 9 0 0	0 0 0 0	26.7 28.6 27.6 27.5	-2 -4 -4 -8	- - NE NE	0 0 2 2	F F CF CF	29 29 31 29	29 28 27 29	1 1 4 1	- - - -	- - - -	0 0 0 0	0 0 0 0	0 0 0 0	off off off off	off off off off	off off off off	off off off off							
	Lympe ... Manston ... North Weald ... Felixstowe ... Gorleston ...	29.7 28.9 30.1 30.7 29.3	-18 -10 -12 -4 -1	NNE NNE - N NW	3 3 0 1 2	f f m F F	33 43 31 31 29	33 41 29 31 23	1 6 4 1 1	- - - - -	- - - - -	9 9 3 9 9	9 9 3 9 9	0 0 2 0 0	27.9 27.8 29.2 28.5 28.4	+2 -2 -2 -6 0	NNE NNE - - -	3 2 0 0 0	F F F F F	35 38 22 31 28	35 38 21 30 27	2 4 0 2 0	- - - - -	- - - - -	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	off off off off off	off off off off off	off off off off off	off off off off off							
2	Mildenhall ... Bircham Newton ... Cranwell ... Cranfield ... Honiley ...	29.5 29.3 29.6 30.1 29.7	-12 -12 -14 -6 -6	- - WNE - -	0 0 2 0 0	F b b m b	22 30 33 28 30	22 28 31 27 30	1 3 3 4 3	- - - - -	- - - - -	9 9 0 0 1	9 9 0 0 1	0 0 0 0 0	28.1 28.0 27.6 28.3 27.9	-6 -6 -10 -8 -8	- - - - -	0 0 0 0 0	F b b b F	22 27 28 26 28	22 27 28 26 28	1 2 2 3 0	- - - - -	- - - - -	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	off off off off off	off off off off off	off off off off off	off off off off off							
3	Little Rissington ... Shobden ... Bristol ... Chivenor ... Yeovilton ...	29.1 30.6 30.5 29.1 29.0	-12 -14 -12 -8 -6	ENE - - SE -	1 0 0 1 0	F z b b m	30 29 29 35 26	30 29 29 26 26	0 6 4 9 4	- - - - -	- - - - -	9 9 0 0 0	9 9 0 0 0	0 0 0 0 0	27.9 28.2 38.5 28.1 27.7	-14 -10 -6 -4 -8	E - - ESE -	2 0 0 1 0	CF b F F b	29 27 25 23 24	29 27 24 28 24	0 0 0 6 3	- - - - -	- - - - -	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	off off off off off	off off off off off	off off off off off	off off off off off							
4	Portland Bill ... Exeter ... Plymouth ... St. Eval ... The Lizard ...	28.3 29.3 28.4 28.6 27.7	+4 -4 - -4 0	E NNW NE NE ENE	4 1 2 2 3	c-bc z z b b	38 34 44 41 45	35 34 22 21 25	7 6 5 7 8	- - - - -	- - - - -	5 0 0 0 0	5 0 0 0 0	50 50 50 50 50	26.4 27.5 27.0 27.2 25.8	-12 -2 -2 0 -6	N ENE E SE E'S	3 2 2 1 4	C z b z z	40 30 36 35 43	38 29 32 30 41	7 5 5 6 6	- - - - -	- - - - -	8 4 1 7 7	8 4 1 1 15	50 8 8 15 15	bcc b b b b	cc b b b b	off off off off off	off off off off off	off off off off off	off off off off off					
5	Scilly, St. Marys ... Fairwood ... Pembroke ... Aberporth ... Penrhos ...	27.9 30.1 29.3 29.1 28.8	- -10 - -12 -14	NE/N E ENE SSE -	2 1 2 1 0	b b b b f	46 33 33 43 49	35 33 33 36 38	8 3 7 9 7	- - - - -	- - - - -	0 0 0 1 3	0 0 0 1 3	30 30 30 30 30	25.8 27.4 26.8 27.3 26.6	-6 -6 -10 -6 -8	ENE ESE E SSW S	2 1 3 1 2	b-bc b z b f	41 34 38 35 38	35 32 36 30 36	7 3 6 8 8	- - - - -	- - - - -	3 3 2 0 0	3 3 2 2 0	25 - - - -	b b b b b	bbbc fzbc bcz b	bcwbc bfbm b b	bbbc b b b	off off off off off	off off off off off	off off off off off	off off off off off			
6	Holyhead, Valley ... Hawarden ... Manchester ... Squires Gate ... Silloth ...	29.0 29.6 30.1 29.1 27.2	-14 -4 -6 -12 -22	SW SE SE SE SE	3 2 2 2 1	c m s b s	45 35 35 41 38	43 34 31 40 38	9 4 5 5 4	- - - - -	- - - - -	7 5 6 4 8	7 5 6 4 8	40 23 12 25 12	26.3 26.8 26.8 25.9 23.8	-8 -10 -10 -14 -10	SSW ESE S'E S SSW	4 2 3 2 4	b-bc b b b z	40 33 40 35 45	40 32 33 25 43	7 4 4 2 5	- - - - -	- - - - -	3 0 0 2 8	2 2 0 2 8	30 - - - 15	cmc off off off off	cbc m m m m	cbc m m m m	cbc m m m m	off off off off off	off off off off off	off off off off off	off off off off off			
7	Ashbourne ... Snath ... Spurn Head ... Leeming ... Tynemouth ...	30.4 29.8 29.6 28.8 28.5	-14 -18 -12 -18 -14	WNE SE WNE - SW	1 1 1 0 3	b F c m f	40 32 36 31 38	36 32 35 31 34	7 5 1 4 5	- - - - -	- - - - -	2 9 9 7 5	2 9 9 7 5	25 0 0 35 22	27.2 27.4 27.2 25.3 24.9	-18 -14 -14 -16 -14	SSW S SSW SSE SW	1 1 2 2 2	m/f CF b b z	32 30 37 32 40	32 30 37 32 38	4 1 3 1 5	- - - - -	- - - - -	0 0 0 0 4	0 0 0 0 4	0 0 0 0 15	b off off off off	off off off off off	off off off off off	off off off off off							
8	Acklington ... St. Abb's Head ... Leuchars ... Montrose ... Abbotsinch ...	27.3 25.9 29.1 29.3 29.1	-18 -16 -26 -36 -24	SW SSW SW SW SW	2 4 3 3 1	c c-bc z z z	41 38 39 37 43	38 38 36 32 42	7 5 6 5 6	- - - - -	- - - - -	7 5 7 7 8	7 5 7 7 8	40 30 18 18 15	23.1 20.1 18.7 18.0 20.1	-18 -24 -24 +6 -10	S S'W SW SW SW	3 2 3 3 4	z z z z z	41 44 44 43 46	38 42 42 39 44	6 6 6 6 7	- - - - -	- - - - -	8 6 5 7 8	3 6 5 4 8	18 25 15 15 10	b c c c c	bbc bcm bcm bcm bcm	bbc bcm bcm bcm bcm	bbc bcm bcm bcm bcm	off off off off off	off off off off off	off off off off off	off off off off off			
9	Prestwick ... West Freugh ... Eskdalemuir ... Jurby, I. of Man ... Machrihanish ...	26.0 26.4 25.2 27.4 25.8	-10 -14 -28 -18 -18	S'W SSW SSW SW SW	3 3 3 5 3	c id f c c	44 45 38 47 45	40 43 38 44 41	6 6 2 7 7	- - - - -	- - - - -	7 8 9 8 8	7 8 9 8 8	18 5 0 15 10	21.7 23.1 21.8 24.6 21.6	-18 -14 -14 -12 -14	SW SW SW SW SW	4 4 5 4 2	id id id id id	47 46 42 45 46	43 41 41 42 44	6 7 6 7 7	- - - - -	- - - - -	8 7 8 7 7	4 3 8 3 6	11 15 15 53 10	b b b b b	bcm bcm bcm bcm bcm	bcm bcm bcm bcm bcm	bcm bcm bcm bcm bcm	off off off off off	off off off off off	off off off off off	off off off off off			
10	Tiree ... Oban ... Stornoway ... Cape Wrath ... Dalwhinnie ...	21.1 23 15.8 14.3 22.0	-24 -22 -38 -34 -22	SSW SSW SSW SW SSW	4 1 7 5 3	c-bc c c c id	45 43 46 44 38	42 41 40 39 23	7 8 8 8 7	- - - - -	- - - - -	8 7 7 6 5	8 7 7 6 5	15 20 12 25 20	17.1 19.1 11.6 07.0 16.0	-8 -10 -4 -26 -22	SSW SW SW SW SW	2 4 4 6 4	id id id id id	47 43 42 44 39	47 43 40 39 35	7 5 6 7 7	- - - - -	- - - - -	8 8 8 8 7	3 2 2 2 2	15 10 15 8 24	c c c c c	cc cc cc cc cc	cc cc cc cc cc	cc cc cc cc cc	off off off off off	off off off off off	off off off off off	off off off off off			
11	Aberdeen ... Fraserburgh ... Ainslie ... Wick ... Hatston ...	21.0 22 19.7 19.4 17.8	8 -4 -36 -34 -38	SW SW SW SW SW	3 4 5 4 5	z z c c c	38 37 41 40 42	31 31 37 35 37	6 6 8 8 7	- - - - -	- - - - -	8 8 8 8 8	8 8 8 8 8	15 50 25 40 15	16.7 16.7 13.4 11.6 10.3	-24 -22 -38 -40 -32	SW SW SW SW SW	3 4 4 4 6	id id id id id	42 38 46 4																		





6h Wednesday 27th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 27  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-24h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs Yesterday	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		To-day	To-day
Kew	offx	offx	offx	31	25	24	Tr	Tr	0.0	97	97
Croydon	offx	offx	offx	32	23	23	-	-	0.0	97	97
Greenwich	FFx	Ffx	Ffxs	31	23	27	-	Tr	0.0	100	100
Westminster	.	.	.	32	24	24	-	-		88	100
Regents Park	.	.	.		23	23	-	-		95	95
Camden Square	of	of	.	32	24	23	-	-		.	.
Kensington	cxm	oxm	.	31	24	25	-	-		99	99
Hampstead	bcx	ofx	ofx	30	.	19	-	-		97	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max 1.3 Time 19/23 Min 0.2 Time 6/7h 16/16

**STATION MODEL**

18 High cloud  
16 Medium cloud  
14 Present weather  
8 Visibility  
4.4 Dew-Point °F  
Low cloud  
Amount of Low cloud  
Total Amount of cloud  
Wind  
Barometer mb.  
Bar. change in past 3 hours in mb.  
Weather in past hour  
Past weather  
Height of Low cloud  
Code figure (one figure) or hundreds of feet (two figures)

15°E. Scale 1: 5,000,000



# GENERAL INFERENCE

A ridge of high pressure over Southern England is giving way as a trough of low pressure approaches from northwest, and another ridge is building up behind the trough. There will be much mist and local fog over England and a general deterioration of visibility is probable later today. A belt of rain, mainly small in amount, will move down from northwest, and will probably cause glazed frost in northeast, East and Southeast England and the Midlands. Behind this rain belt visibility will improve considerably and there will be long bright periods. In Scotland there will be occasional wintry showers, more especially in the North and Northwest and on the mountains. It will be cold generally but will become less cold in the South.

# FURTHER OUTLOOK

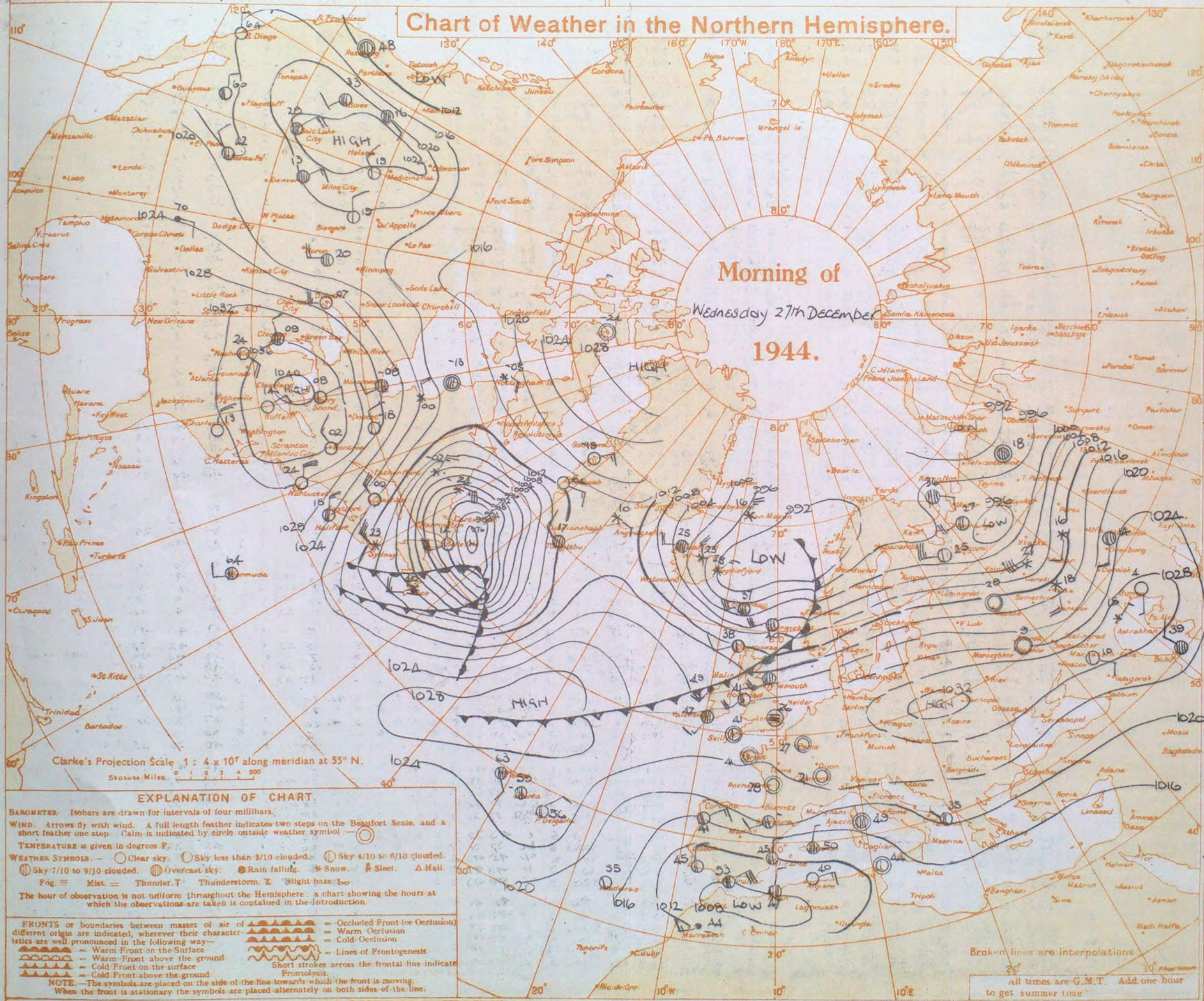
Rain spreading across British Isles from the west.

## Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 27th December

1944.





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

Wednesday, 27th December 1944

No. 30351

OBSERVATIONS at 00hr. G.M.T. 27th December.															OBSERVATIONS at 06hr. G.M.T. 27th December.															PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.					State of Ground. (33)	Sea. (34)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (40)			
					Dir. (3)	Force. (4)					Form. (9)	Med. (10)	High. (11)	Total. (12)	A. (13)			B. (14)	Form. (25)					Med. (26)	High. (27)	Total. (28)	A. (29)	B. (30)			Height of Base Hundreds of feet. (31)	A. (32)	B. (32)	Max. Day 6h-18h (35)	Min. Night 18h-6h (36)		Min. on Grass (37)	Day 6h-18h mm. (38)	Night 18h-6h mm. (39)
1	Kew ...	16	26.3	-12	-	0	F	29	26	1	-	-	-	0	0	-	24.8	-12	W	8	C/f	25	25	3	-	-	0	0	18	3	3	31	25	24	Tr	Tr	0.0		
	Croydon ...	217	26.9	-12	-	0	F	26	26	1	-	-	-	0	0	-	24.7	-12	-	0	F	23	23	1	-	-	0	0	0	3	3	32	23	23	-	-	0.0		
	Boscombe Down ...	417	26.4	-10	-	0	F	24	24	4	-	-	-	0	0	-	24.5	-14	W	1	F	20	20	0	-	-	0	0	0	3	3	33	18	15	0.2	-	6.4		
	Thorney Island ...	10	26.3	-6	NE	3	F	25	25	4	-	-	-	0	0	-	24.3	-14	W	2	F	30	30	1	-	-	0	0	0	3	3	35	24	21	0.1	-	-		
	Friston ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2	Lympe ...	341	26.4	-8	NNE	2	b-f	32	32	2	-	-	-	0	0	-	24.3	-14	-	0	F	26	26	1	-	-	0	0	0	3	3	41	26	24	Tr	-	1.2		
	Manston ...	140	25.8	-16	NN	1	b-f	35	35	5	-	-	-	0	0	-	24.0	-12	WNW	1	F	32	32	1	-	-	0	0	0	3	3	44	31	29	-	-	3.3		
	North Weald ...	244	26.6	-14	-	0	F	24	24	0	-	-	-	0	0	-	24.0	-18	SW	1	F	25	25	0	-	-	0	0	0	3	3	31	20	-	-	-	-		
	Felixstowe ...	10	26.8	-12	-	0	F	23	23	1	-	-	-	0	0	-	24.9	-18	-	0	F	26	26	1	-	-	0	0	0	3	3	32	26	23	-	-	0.0		
	Gorleston ...	5	26.6	-4	NNW	1	F	27	22	1	-	-	-	0	0	-	24.1	-12	-	0	F	23	16	1	-	-	0	0	0	3	3	32	22	20	-	-	0.0		
3	Mildenhall ...	15	26.3	-10	-	0	F	19	19	1	-	-	-	0	0	-	23.8	-16	-	0	b-f	16	16	3	-	-	0	0	0	3	3	24	16	15	-	-	0.0		
	Bircham Newton ...	221	25.6	-6	-	0	F	20	20	4	-	-	-	0	0	-	23.1	-14	NE	1	b-f	15	15	3	-	-	0	0	0	3	3	32	15	08	-	-	5.4		
	Cranwell ...	203	25.0	-6	SW	2	F	28	28	0	-	-	-	0	0	-	22.5	-14	W	1	b-f	21	20	3	-	-	0	0	0	3	3	38	20	13	-	-	-		
	Cranfield ...	340	26.5	-10	-	0	F	19	19	1	-	-	-	0	0	-	24.2	-16	SW	0	b-f	17	17	3	-	-	0	0	0	3	3	33	17	16	-	-	-		
	Houiley ...	427	26.1	-4	-	0	F	23	20	1	-	-	-	0	0	-	23.8	-12	SSW	2	2	20	-	5	-	-	0	0	0	3	3	32	19	16	-	-	-		
4	Little Rissington ...	731	25.5	-18	WSW	2	F	30	25	4	-	-	-	0	0	-	23.7	-18	WNW	3	m	26	24	4	-	-	0	0	0	3	3	36	23	-	-	-	-		
	Shobden ...	318	26.2	-18	SSE	1	F	24	24	1	-	-	-	0	0	-	24.3	-14	-	0	F	19	18	1	-	-	0	0	0	3	3	38	18	13	-	-	-		
	Bristol ...	209	27.6	-6	-	0	F	17	15	0	-	-	-	0	0	-	25.3	-14	-	0	b-f	18	17	1	-	-	0	0	0	3	3	39	15	18	Tr	Tr	1.6		
	Chivenor ...	20	25.9	-12	E	3	b-f	28	23	0	-	-	-	0	0	-	24.7	-6	-	2	b-f	27	27	4	-	-	0	0	0	3	3	45	25	20	-	-	-		
	Yeovilton ...	50	26.3	-10	-	0	F	23	23	0	-	-	-	0	0	-	24.6	-10	-	0	F	29	29	0	-	-	0	0	0	3	3	34	17	15	-	-	-		
5	Portland Bill ...	32	25.6	-4	N	3	F	38	36	3	-	-	-	8	8	-	23.3	-12	WNW	3	c-bc	36	33	7	-	-	5	5	50	1	4	40	35	-	-	-	-		
	Exeter ...	100	26.6	-6	-	0	F	31	30	3	-	-	-	8	8	-	24.8	-8	N	2	F	27	27	0	-	-	0	0	0	3	3	39	26	25	-	-	-		
	Plymouth ...	86	26.0	-8	EN	1	F	34	32	4	-	-	-	2	2	-	24.3	-10	-	0	F	27	27	5	-	-	0	0	0	3	3	44	26	16	-	-	6.6		
	St. Eval ...	345	26.2	-6	SSE	2	F	34	32	5	-	-	-	0	0	-	24.6	-8	SSE	1	2	36	35	5	-	-	3	3	25	3	3	45	32	28	-	-	-		
	The Lizard ...	240	25.5	-4	E	3	F	43	41	5	-	-	-	7	7	-	24.2	-6	N	2	2	38	38	5	-	-	4	5	20	0	3	45	37	-	-	-	6.5		
6	Scilly, St. Marys ...	163	25.2	-6	-	0	b-bc	41	37	7	-	-	-	3	3	-	23.9	-6	-	0	c-bc	41	37	6	-	-	5	5	15	1	2	49	39	-	-	-	7.0		
	Fairwood ...	268	25.3	-12	E	1	F	29	25	5	-	-	-	0	0	-	24.4	-10	E	1	m	28	26	4	-	-	0	0	0	3	3	38	27	19	-	-	-		
	Pembroke ...	142	25.4	-10	EN	3	F	36	36	6	-	-	-	0	0	-	22.9	-18	NE/E	2	2	35	35	6	-	-	2	2	2	3	3	41	23	-	-	-	-		
	Aberporth ...	425	25.4	-10	EN	3	F	36	36	6	-	-	-	0	0	-	23.2	-14	SW	3	b-f	31	31	2	-	-	0	0	0	3	3	46	31	18	-	-	7.3		
	Penrhos ...	63	24.6	-14	-	0	F	32	32	5	-	-	-	0	0	-	22.3	-14	S	2	2	41	38	5	-	-	5	4	5	15	25	1	49	31	-	-	-		
7	Holyhead, Valley ...	32	24.5	-14	SW	5	b	43	41	8	-	-	-	0	0	-	21.7	-16	SW	6	c	43	43	7	-	-	8	8	8	0	3	46	40	38	-	-	-		
	Hawarden ...	15	24.8	-14	SE	1	b-f	27	26	3	-	-	-	0	0	-	12.1	-20	SE	2	m	25	24	4	-	-	2	2	0	3	3	41	24	18	-	-	3.5		
	Manchester ...	230	25.2	-6	-	0	b-f	27	27	1	-	-	-	0	0	-	22.2	-18	S	2	2	26	23	5	-	-	1	1	0	3	3	41	23	16	-	-	-		
	Squires Gate ...	30	23.6	-14	S	3	b-f	31	30	3	-	-	-	0	0	-	21.2	-14	S	2	2	28	27	5	-	-	7	4	0	3	3	49	26	25	-	-	-		
	Silloth ...	25	20.6	-14	SSW	16	2	45	43	6	-	-	-	8	8	-	17.5	-20	S'W	5	2	44	49	6	-	-	8	5	8	15	1	45	42	-	-	11.			



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

SECRET

Thursday 28th December 1944

No. 30352

OBSERVATIONS at 12h. G.M.T. 27th December

OBSERVATIONS at 18h. G.M.T. 27th December

PAST 24 HOURS

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 0-9 (8)	Cloud.					Height of Base Hundreds of feet.  A. B. (15) (16)	Barom. at M.S.L.  mb. (17)	Change in 3 hours.  (18)	Wind.		Weather.  (21)	Temp. °F (22)	Dew Point °F (23)	Visibility. 0-9 (24)	Cloud.					Height of Base Hundreds of feet.  A. B. (31) (32)	State of Ground.  0-9 (33)	Sea. 0-9 (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																														
				Direc. (3)	Force. (4)					Form. (9)	Med. (10)	High. (11)	Total. (12)	A. (13)				B. (14)	Direc. (19)					Force. (20)	Form. (25)	Med. (26)	High. (27)	Total. (28)				A. (29)	B. (30)	0-9 (41)	12h. (42)	12h.-15h. (43)	15h.-27h. (44)																																																																																																																																																																																																																																																																																																																																									
																																						Amount.				Amount.				Amount.																																																																																																																																																																																																																																																																																																																																
																																						Amount.				Amount.				Amount.																																																																																																																																																																																																																																																																																																																																
1	Kew Croydon Boscombe Down Thorney Island Friston	23.1 23.1 23.6 22.4	-14 -14 -14 -10	SW S SW S WNW WNW	2 0 1 1	B. p. B. p. f. f.	28 27 29 32	27 27 29 32	2 - - 0	- - - -	- - - -	0 0 0 0	- - - -	22.2 22.8 20.6 20.8	+2 +8 - +6	WNW WNW WNW WNW	1 2 1 3	f f f f	29 27 29 28	28 27 27 28	2 1 1 0	- - - -	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0 0	- - - -	0 0 0



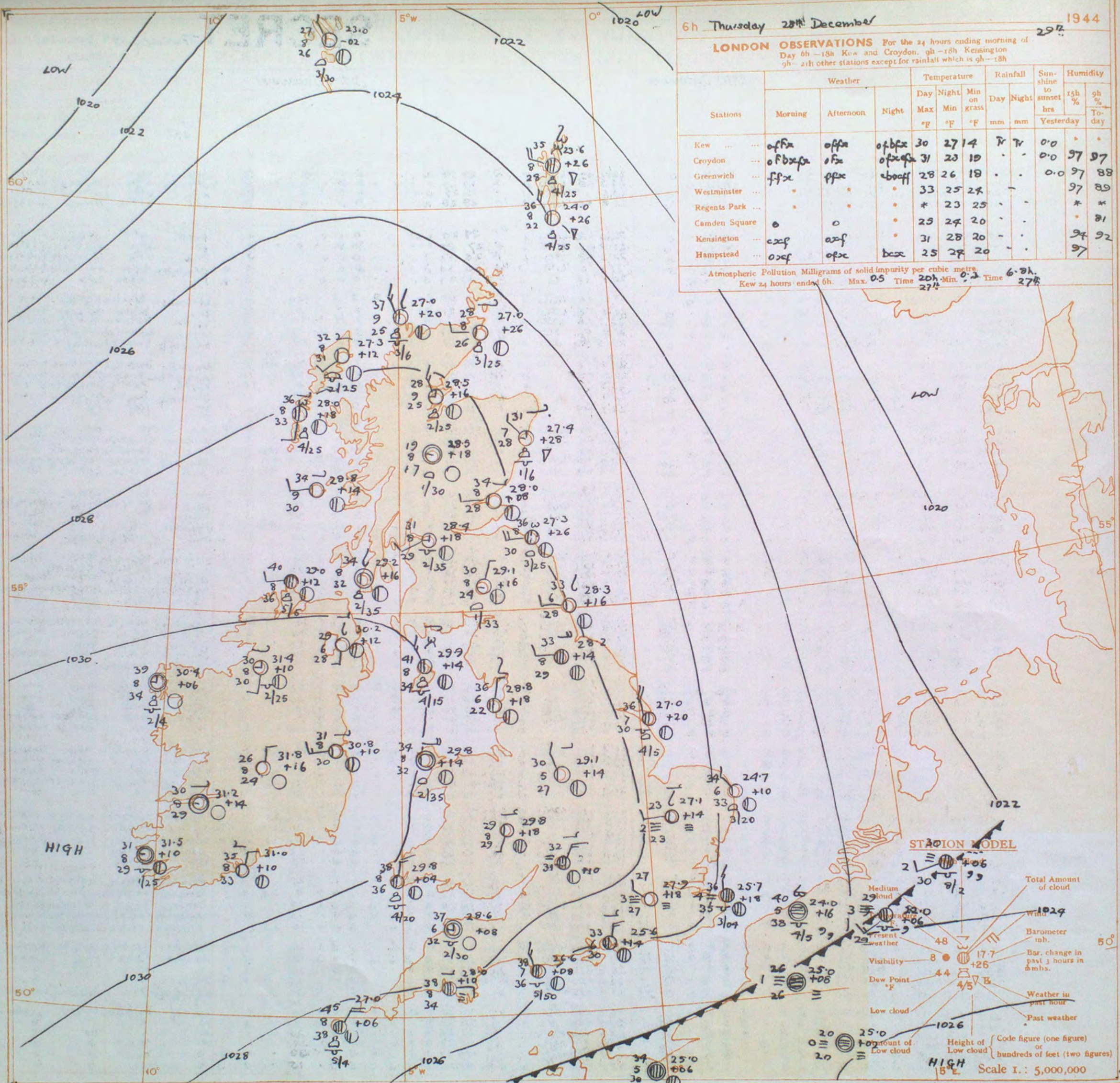
6h Thursday 28th December

1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of Day 6h - 18h Kew and Croydon, 9h - 18h Kensington 9h - 21h other stations except for rainfall which is 9h - 18h

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		Vesterday	To-day
Kew	offa	offa	offa	30	27	14	R	R	0.0	*	*
Croydon	offa	offa	offa	31	23	19	.	.	0.0	97	97
Greenwich	ffa	ffa	ffa	28	26	18	.	.	0.0	97	88
Westminster	.	.	.	33	25	24	.	.	*	*	*
Regents Park	.	.	.	*	23	25	.	.	*	*	*
Camden Square	.	.	.	25	24	20	.	.	.	.	81
Kensington	offa	offa	.	31	28	20	.	.	94	92	92
Hampstead	offa	offa	offa	25	24	20	.	.	97	97	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
Kew 24 hours ended 6h. Max. 0.5 Time 20h Min. 0.2 Time 27h



**STATION MODEL**

Medium cloud  
Total Amount of cloud  
Barometer in h.  
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



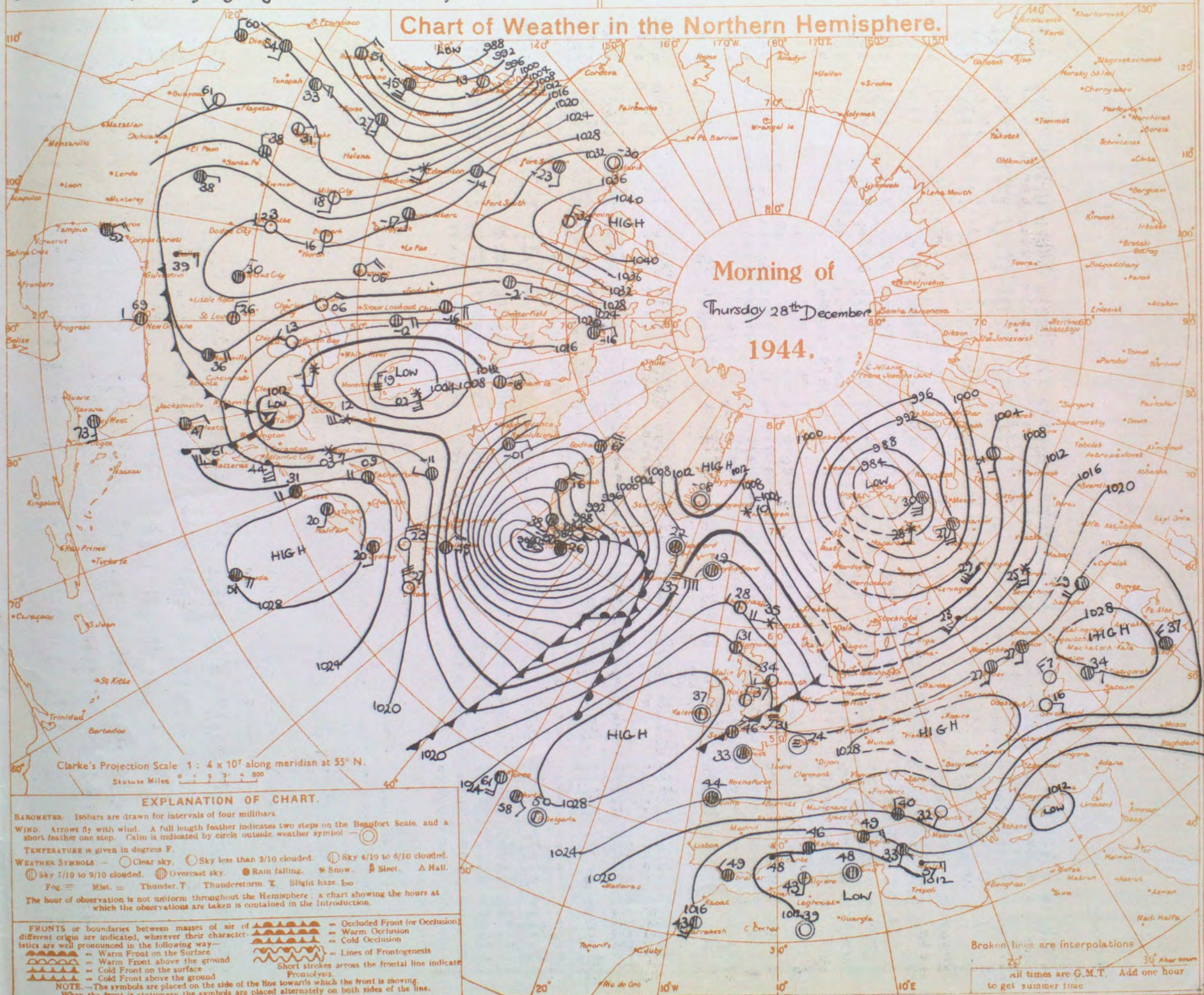
**GENERAL INFERENCE**  
A developing anticyclone centred just southwest of Ireland is spreading East-northeast across the British Isles, weather will be fair apart from a few wintry showers in coastal districts of East Anglia at first, a slight rain in northwest Scotland later; there will be local fog this afternoon in the Midlands and Southern England, and somewhat more general mist and fog later tonight in England, East Wales, Northern Ireland, and South Scotland; it will be cold, with fairly general frost tonight.

**FURTHER OUTLOOK**  
Little change, but fog becoming more general.

## Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 28<sup>th</sup> December  
1944.





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



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

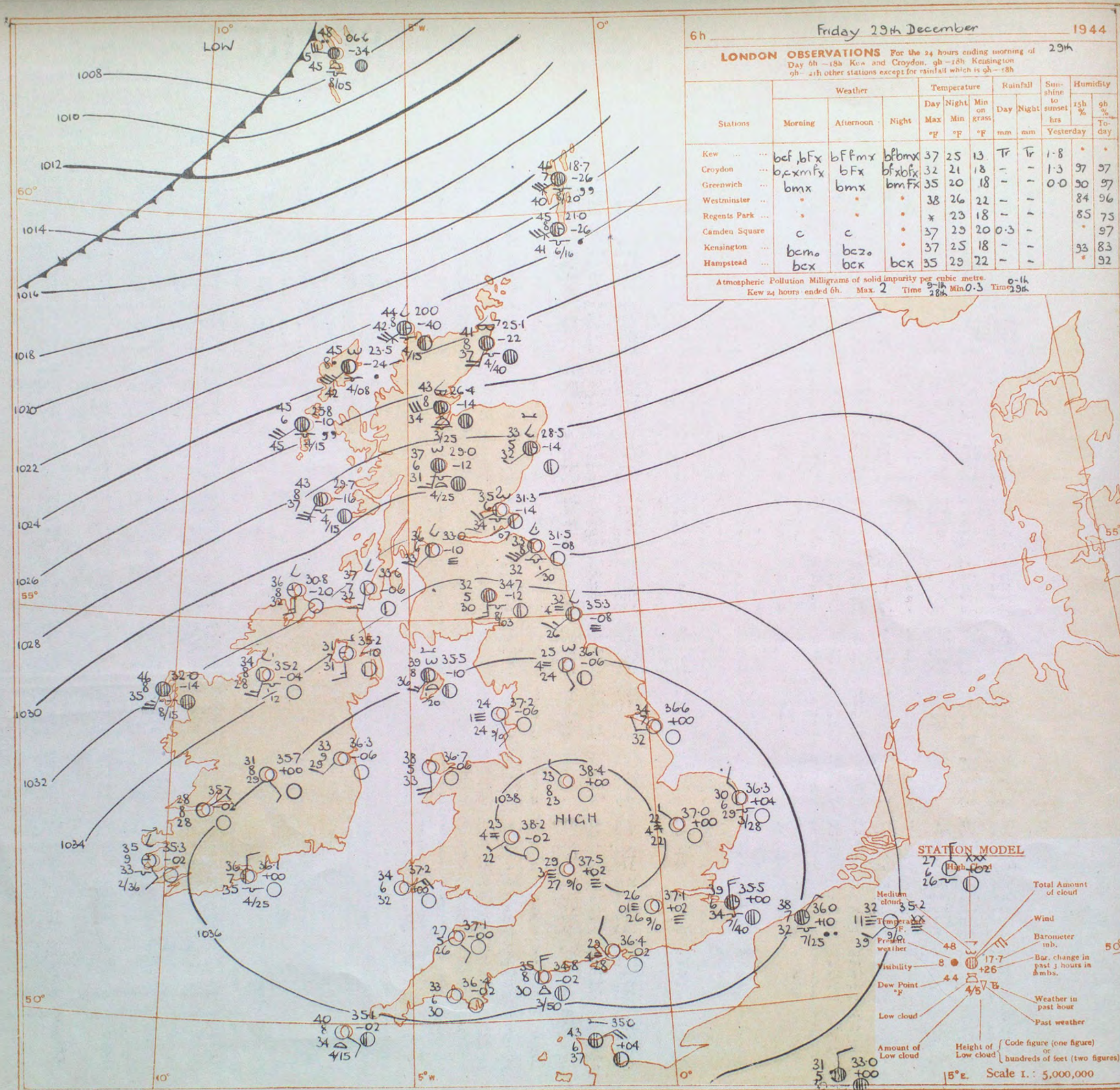
SECRET

Friday 29<sup>th</sup> December 1944  
No. 30353OBSERVATIONS at 12h. G.M.T. 28<sup>th</sup> DecemberOBSERVATIONS at 18h. G.M.T. 28<sup>th</sup> December

## PAST 24 HOURS

District.	STATIONS. (For height see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Dew Point °F. (7)	Visibility. m. (8)	Cloud.					Height of Base Hundreds of feet. A. B. (15) (16)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. m. (24)	Cloud.					Height of Base Hundreds of feet. A. B. (31) (32)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.							
				Dir.	Force.					Form.	Amount.	Total.	Low.	A.				B.	Dir.					Force.	Form.	Amount.	Total.	Low.				A.	B.	00h.-12h. 28 <sup>th</sup>	12h.-18h. 28 <sup>th</sup>	18h.-24h. 29 <sup>th</sup>	00h.-06h. 29 <sup>th</sup>		
(3)	(4)	(5)	(9)	(10)	(11)	(12)	(13)	(14)	(19)	(20)	(25)	(26)	(27)	(28)	(29)	(30)	(41)	(42)	(43)	(44)																			
(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)	(41)	(42)	(43)	(44)		
1	Kew ... Croydon ... Boscombe Down ... Thorney Island ... Priston ...	32.1 32.3 31.9 30.9	+14 +16 +2 +14	NW N N N	1 0 2 2	0 0 0 0	32 29 34 36	29 29 28 30	1 2 4 5	1 1 1 1	1 1 1 1	1 1 1 1	1 1 1 1	140 .	34.6 34.5 34.6 33.4	+18 +14 +14 +14	NN NN NE NE	2 2 2 4	m bF Z Z	34 29 31 34	30 29 31 31	4 1 5 5	1 1 1 1	1 1 1 1	0 0 0 0	0 0 0 0	1 1 1 1	3 3 3 1	.	.	.	.	bef, b fce b f m f x b m x b m x b m x	b f f m x b f x b m x b m x b m x	b f b m x b f x b m x b m x b m x b m x	b m x b m x b m x b m x b m x			
2	Lympe ... Manston ... North Weald ... Felixstowe ... Gorleston ...	30.3 29.8 31.8 30.3 29.7	+14 +14 +10 +18 +22	NNW NW NW NW NW	3 4 3 3 2	0 0 0 0 0	36 40 32 37 37	32 36 31 33 34	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	0 0 0 40 30	33.5 32.4 34.6 33.0 31.0	+18 +14 +18 +8 +6	NNW N NNW NNW N	1 4 3 3 4	bF Z Z Z bC	32 37 29 34 39	31 34 28 33 33	3 4 5 5 7	1 1 1 1 1	1 1 1 1 1	0 0 0 0 4	0 0 0 0 4	1 1 1 1 1	3 1 3 1 3	.	.	.	.	bef m x b m b m b m x b m x b m x b e p r z	b f f x b m b m x b m x b m x b m x b e	b f b m x b e p r m b b m x b m x b m x b e c	b e b m b m b f b b m x b m x b e z			
3	Mildenhall ... Bircham Newton ... Cranwell ... Cranfield ... Honiley ...	31.6 31.1 32.2 32.4 32.7	+18 +2 +16 +14 +12	WNW NW NW NW NW	1 2 2 1 1	0 0 0 0 0	31 37 36 32 31	30 34 32 29 29	3 6 5 4 3	1 3 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	140 .	34.4 34.3 35.1 34.8 35.6	+20 +16 +14 +18 +18	WNW N NNW NNW NNW	2 2 2 2 1	z z z bF bF	30 35 33 31 31	30 32 30 31 30	5 5 5 4 3	1 1 1 1 1	1 1 1 1 1	5 3 0 0 0	5 3 0 0 0	30 30 30 30 30	3 3 3 3 3	.	.	.	.	b f c e f f x b m x b m x b m x b m x b m x b m x b e f f x	b f f x b m b m b m x b m x b m x b m x b f f x	b m x b m x b m x b m x b m x b m x b m x b m x b f f x	b m x b m x b m x b m x b m x b m x b m x b e f f x			
4	Little Rissington ... Shobden ... Bristol ... Chivenor ... Yeovilton ...	32.5 33.6 32.8 32.8 31.8	+14 +14 +10 +14 +12	NNE N N NE N	2 1 0 1 0	0 0 0 0 0	34 41 32 41 35	30 33 30 32 35	4 7 2 7 4	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	20 15 25 25 .	35.3 36.0 35.2 34.8 34.1	+16 +16 +10 +14 +12	NNE NNE NNE NNE NNE	3 2 1 0 0	F bF Z Z m	31 32 32 34 35	29 31 31 31 31	3 5 5 6 4	1 1 1 1 1	1 1 1 1 1	0 0 0 0 0	0 0 0 0 0	1 1 1 1 1	3 3 3 0 0	.	.	.	.	b m x b m x b m x b m x b m x b m x b m x b m x f m e z	b m x b m x b m x b m x b m x b m x b m x b m x z o m b	b m x b m x b m x b m x b m x b m x b m x b m x m b o f f b	b m x b m x b m x b m x b m x b m x b m x f f b			
5	Portland Bill ... Exeter ... Plymouth ... St. Eval ... The Lizard ...	30.9 32.2 32.0 32.5 31.4	+18 +14 +14 +6 +14	NE NNE E NE EN	4 3 4 3 3	0 0 0 0 0	40 40 42 40 43	38 32 32 32 36	7 6 8 8 8	2 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	50 30 30 25 25	33.0 34.4 34.7 34.4 33.2	+10 +14 +14 +12 +16	NE NE NE NE ENE	4 2 2 1 4	bC m Z Z b b c	38 35 37 35 41	36 30 29 31 37	8 4 6 7 7	2 1 1 1 1	2 1 1 1 1	4 0 0 1 3	4 0 0 2 3	50 30 30 25 25	1 1 1 1 1	4 2 1 1 4	.	.	.	.	b e b e b m b m x b e b m b e	b e b m d o m b m x b e b m b	b e b c b m b m x b e b m b e	b e b c b m x b m x b m x b e		
6	Scilly, St. Marys ... Fairwood ... Pembroke ... Aberporth ... Penrhos ...	31.4 33.4 33.6 33.3 33.5	+16 +10 +18 +14 +14	ENE N E E E	4 2 2 1 0	0 0 0 0 0	46 39 42 42 44	32 34 37 37 36	8 6 7 7 8	2 1 2 2 2	4 1 6 8 2	4 1 4 8 2	2 1 3 1 3	15 20 25 25 30	33.2 35.8 35.1 35.7 35.5	+10 +16 +10 +20 +14	ENE NE NEN N E	3 2 2 0 1	b m b b c Z Z	41 33 38 32 37	31 31 31 31 34	8 4 7 8 5	2 1 6 1 1	2 1 1 1 1	2 0 0 0 1	2 0 0 0 1	15 20 25 25 .	1 3 1 3 0	3 1 1 0 1	.	.	.	.	b e b y b e b m b e b m b e b m e x b e b	b e b b e b m b e b m b e b m b e b m	b e b b e b m b e b m b e b m b m x b m x	b e b b e b m b e b m b e b m b m x		
7	Holyhead, Valley ... Hawarden ... Manchester ... Squires Gate ... Silloth ...	33.8 33.6 33.6 34.0 34.1	+14 +12 +14 +18 +18	N N N N N	0 0 0 2 1	0 0 0 0 0	44 36 28 28 35	39 29 28 32 32	8 4 0 5 8	1 0 0 0 4	1 1 1 1 8	1 1 1 1 2	1 1 1 1 3	25 .	35.9 36.2 36.2 35.9 35.5	+14 +18 +18 +12 +14	N N N N SE	0 0 0 1 1	bC F bF Z Z	36 22 25 35 31	35 22 25 31 29	7 0 0 3 6	1 1 1 1 3	1 1 1 1 2	4 2 9 9 2	2 3 9 9 2	20 0 0 0 .	1 0 0 0 3	1 0 0 0 3	.	.	.	.	b e b x e b e b m o f f b e b m b e b m	b b f o f o f f b e b m b e b m	b m x b m x b m x b m x b m x	b m b m b m b m b m		
8	Ashbourne ... Snaith ... Spurn Head ... Leeming ... Tynemouth ...	33.0 33.2 31.5 33.1 33.3	+14 +16 +12 +22 +20	WNW N NW NW WNW	1 2 4 4 3	0 0 0 0 0	37 37 36 38 37	29 29 31 28 28	6 6 6 5 5	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	0 200 57 .	36.2 36.0 34.6 35.6 35.2	+22 +14 +16 +12 +6	NN NN NN NN NN	1 2 4 1 3	z z b b c Z Z	31 30 39 30 35	27 26 35 32 32	5 6 7 7 5	1 1 3 1 4	1 1 1 1 1	0 0 0 0 3	0 0 0 0 3	1 1 1 1 .	3 3 3 3 3	.	.	.	.	b m b e z b m b z b e b m b e b m b e b m	b z b e z b e b m b e b m b e b m b e b m	b m x b m x b m x b m x b m x	b m, b x b f c b b e m b e b m b e b m			
9	Acklington ... St. Abb's Head ... Leuchars ... Montrose ... Abbotsinch ...	33.8 32.8 32.7 32.9 33.5	+28 +18 +14 +18 +12	NW WNW WSW WSW N	2 3 1 2 0	0 0 0 0 0	36 37 36 35 30	29 29 28 28 27	7 7 8 8 4	2 1 1 1 0	1 1 1 1 0	1 1 1 1 0	1 1 1 1 0	25 30 .	35.4 34.0 33.9 33.7 34.6	+16 +14 +12 +12 +6	N SW SW SW N	2 2 1 1 0	C bC Z C C	30 36 33 32 35	27 27 30 29 31	7 8 5 5 3	4 4 3 2 5	6 4 5 6 7	1 3 3 3 3	6 3 4 3 3	1 30 45 35 .	3 0 3 3 3	.	.	.	.	b e b b e b b e b m b e b m e m b e m	b e c b e c b e b m b e b m b e b m	e x b e b b b e b m b e b m b e b m	b e b e x b e b e x b e b e x b e b e x b e b e x			
10	Prestwick ... West Freugh ... Eskdalemuir ... Jurby, I. of Man ... Machrihanish ...	33.8 33.5 34.2 33.9 33.7	+14 +16 +16 +12 +18	ENE N N N N	1 0 0 0 0	0 0 0 0 0	37 41 31 44 40	29 32 20 39 35	5 8 8 8 8	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	190 25 33 25 15	35.2 35.1 36.0 36.1 34.5	+10 +8 +16 +10 +10	N N N N N	0 1 0 2 0	e b b c b b c b f g b b c	35 33 25 37 35	6 33 20 28 32	5 5 1 3 8	1 1 1 1 1	1 1 1 1 1	7 3 1 1 3	7 3 3 3 3	20 20 38 .	40 1 3 1 0	1 1 1 1 0	.	.	.	.	b m x b e b m b x b e f g b b	b m b e m b e b m b x b e b m b e b m	b m x b m x b x b x b x	b m x b e b m b x b x b e c b e		
11	Tiree ... Oban ... Stornoway ... Cape Wrath ... Dalwhinnie ...	32.0 33.4 29.1 29.1 28.7	+12 +16 +4 +4 +4	S SSW SW SW N	2 1 4 4 1	0 0 0 0 0	44 35 40 38 30	35 33 36 34 25	9 7 9 8 8	2 2 2 2 3	3 3 3 3 3	3 3 3 3 3	3 3 3 3 3	25 20 20 25 25	32.4 33.5 28.3 25.5 32.5	+6 +2 +16 +16 +2	SSW N SSW SSW SSW	3 0 5 5 2	e e e e e	45 38 44 42 34	40 38 41 42 31	8 8 8 8 7	3 3 3 3 3	1 1 1 1 1	1 1 1 1 1	6 6 7 8 6	4 3 5 5 3	15 15 20 15 22	25 25 40 15 72	1 1 1 1 1	2 1 3 1 8	.	.	.	.	b e b e u b e c b e b e x b e b e x b e c	b e c b e c e c e c e c e c c	e c e c e c e c e c e c e c e c e c e c	b e b e b e b e b b e c e c e c e c e c e c
12	Aberdeen ... Fraserburgh ... Aith ... Wick ... Hatston ...	31.8 31.9 31.9 30.8 29.9	+20 +20 +10 +12 +1																																				





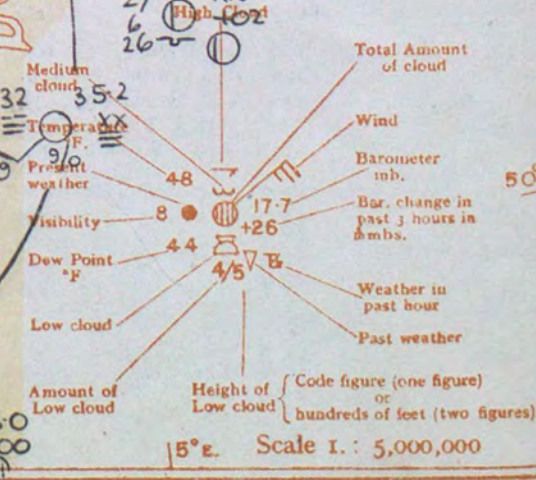
6h Friday 29th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 29th  
Day 6h-18h Kew and Croydon, 9h-18h Kensington  
9h-21h other stations except for rainfall which is 9h-18h

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	°F	°F	mm	mm	Yesterday		
Kew ... ..	bef, bFx	bFfmx	bfbmx	37	25	13	Tr	Tr	1.8	•	•
Croydon ... ..	b, c, x, m, f, x	bFx	bfx, bfx	32	21	18	-	-	1.3	97	97
Greenwich ... ..	bmx	bmx	bmFx	35	20	18	-	-	0.0	90	97
Westminster ... ..	•	•	•	38	26	22	-	-		84	96
Regents Park ... ..	•	•	•	*	23	18	-	-		85	75
Camden Square	c	c	•	37	23	20	0.3	-		•	97
Kensington ... ..	bcm <sub>o</sub>	bcz <sub>o</sub>	•	37	25	18	-	-		93	83
Hampstead ... ..	bex	bex	bcx	35	29	22	-	-		•	92

Atmospheric Pollution Milligrams of solid impurity per cubic metre.  
Kew 24 hours ended 6h. Max. 2 Time 9-11h Min 0.3 Time 29th

**STATION MODEL**





# GENERAL INFERENCE

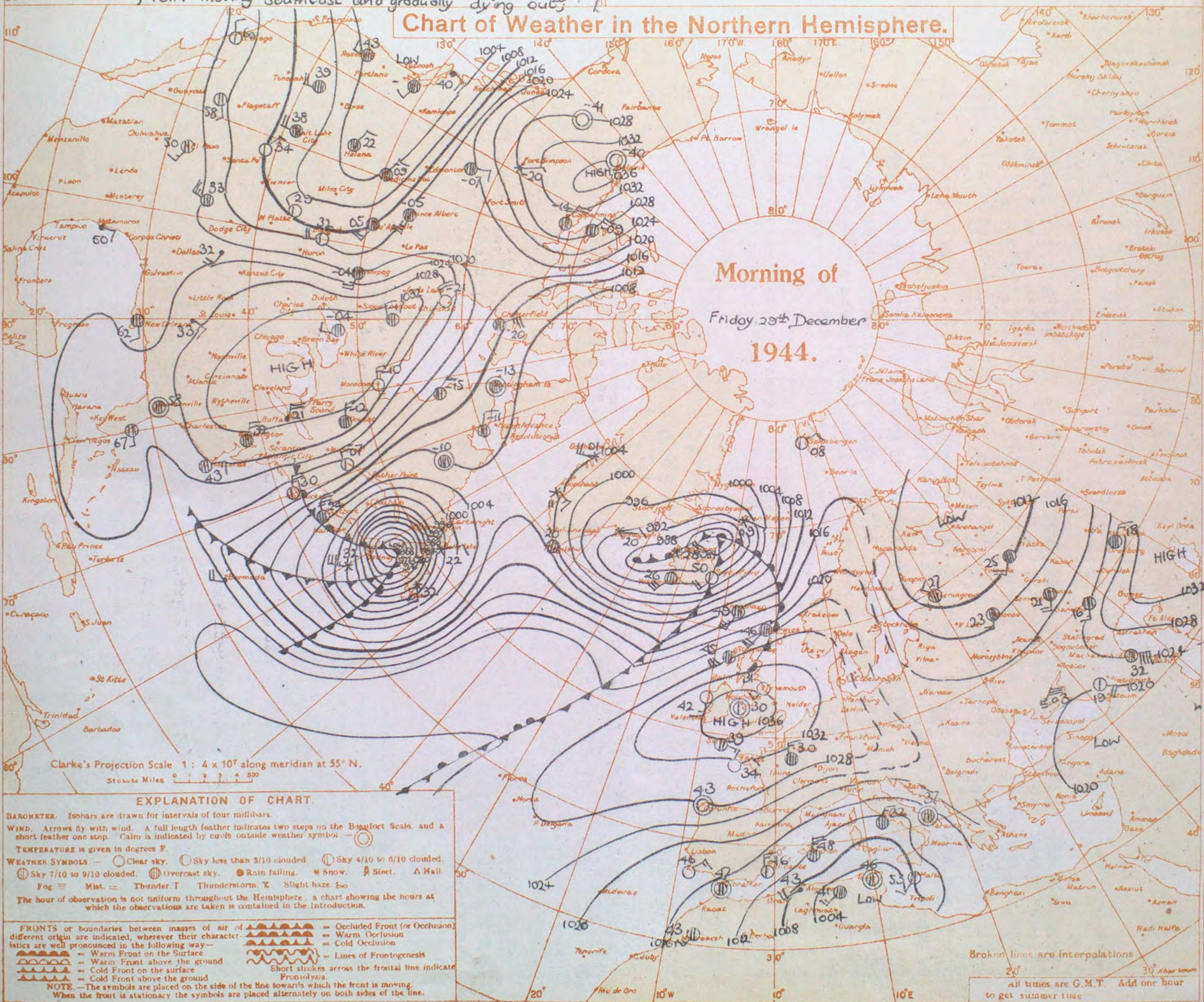
An anticyclone centred near Bristol is moving slowly southeast and a trough of low pressure is approaching Scotland from the Northwest, but will weaken and become retarded as it moves down over Scotland; over England and Wales there will be little cloud but there will be extensive mist and fog except in the extreme North and West; the fog will be thick and persistent in some industrial areas; in most places temperatures will be near freezing point by day and there will be keen or hard frost at night; in Scotland weather will be cloudy with a belt of rain moving Southeast and gradually dying out;

# FURTHER OUTLOOK

Behind the rain belt there will be variable skies and local wintry showers; winds will be strong to gale on the Northwest seaboard at first but will moderate; it will be mainly rather cold.

Mainly fair over British Isles but some fog in the South.

## Chart of Weather in the Northern Hemisphere.









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

Saturday 30th December 1944

No. 30354

OBSERVATIONS at 12h. G.M.T. 29th December																	OBSERVATIONS at 18h. G.M.T. 29th December																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
District	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		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.		Temp. (21)	Dew Point (22)	Visibility (23)	Cloud.				Height of Base Hundreds of feet. (32)	Barom. at M.S.L. (33)	Change in 3 hours. (34)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Dir.	Force.				Low.	Med.	High.	Total.				Low.	Med.				High.	Total.	A.	B.				A.	B.	A.	B.	A.	B.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		mb.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								



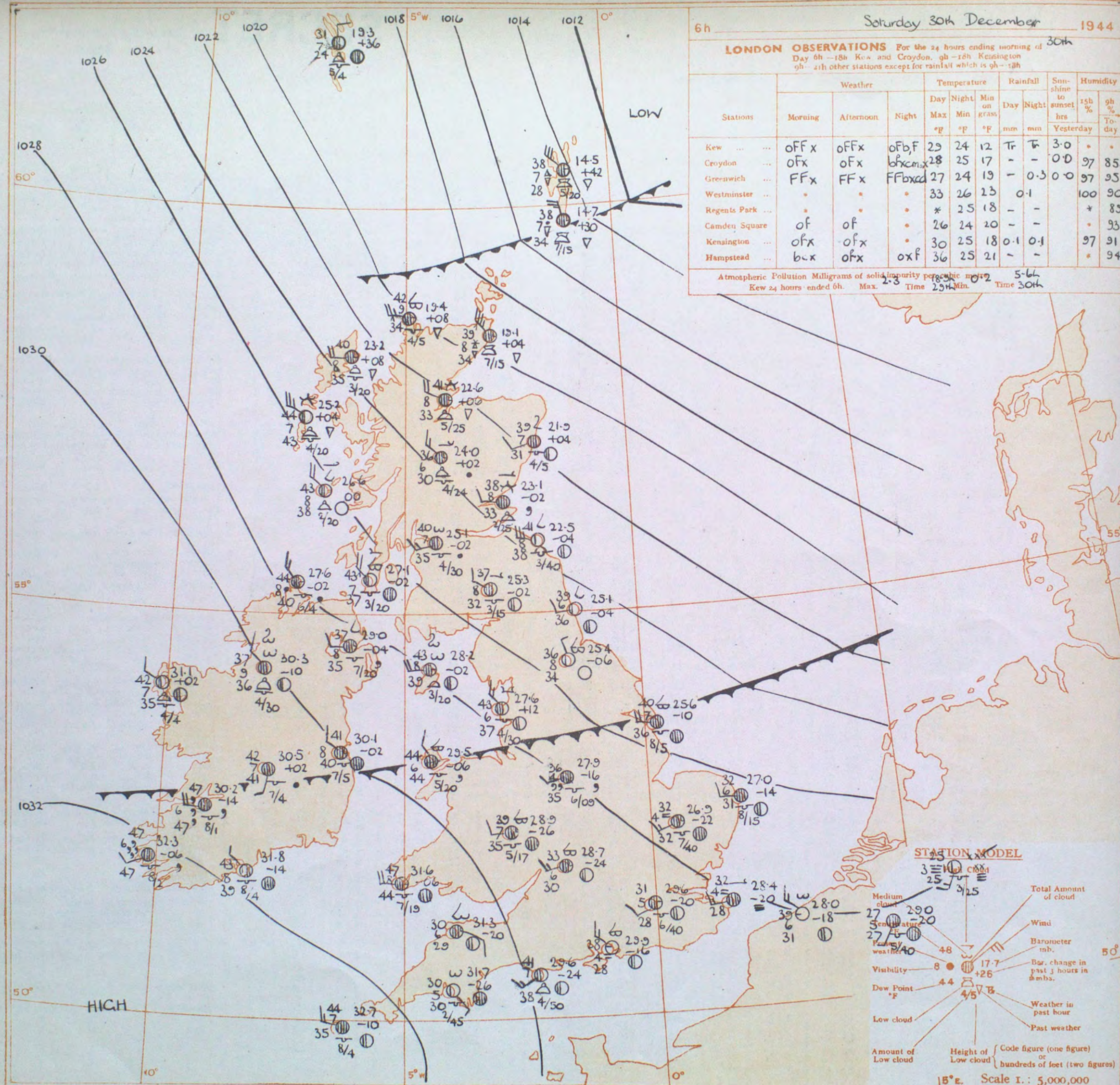
6h

Saturday 30th December 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 30th  
 Day 6h-18h Kew and Croydon, 9h-18h Kensington  
 9h-21h other stations except for rainfall which is 9h-18h

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs	Humidity	
	Morning	Afternoon	Night	Day	Night	Min on grass	Day	Night		15h %	9h %
				Max °F	Min °F	°F	mm	mm		Yesterday	To-day
Kew	OFFx	OFFx	OFFx	29	24	12	Tr	Tr	3.0	*	*
Croydon	OFFx	OFFx	OFFx	28	25	17	-	-	0.0	97	85
Greenwich	FFx	FFx	FFx	27	24	19	-	0.3	0.0	97	93
Westminster	*	*	*	33	26	23	0.1	-	-	100	90
Regents Park	*	*	*	*	25	18	-	-	-	*	83
Camden Square	of	of	*	26	24	20	-	-	-	*	93
Kensington	ofx	ofx	*	30	25	18	0.1	0.1	-	97	91
Hampstead	bcx	ofx	oxf	36	25	21	-	-	-	*	94

Atmospheric Pollution Milligrams of solid impurity per cubic metre  
 Kew 24 hours ended 6h. Max. 2.8 Time 23.4 Min. 0.2 Time 30.4

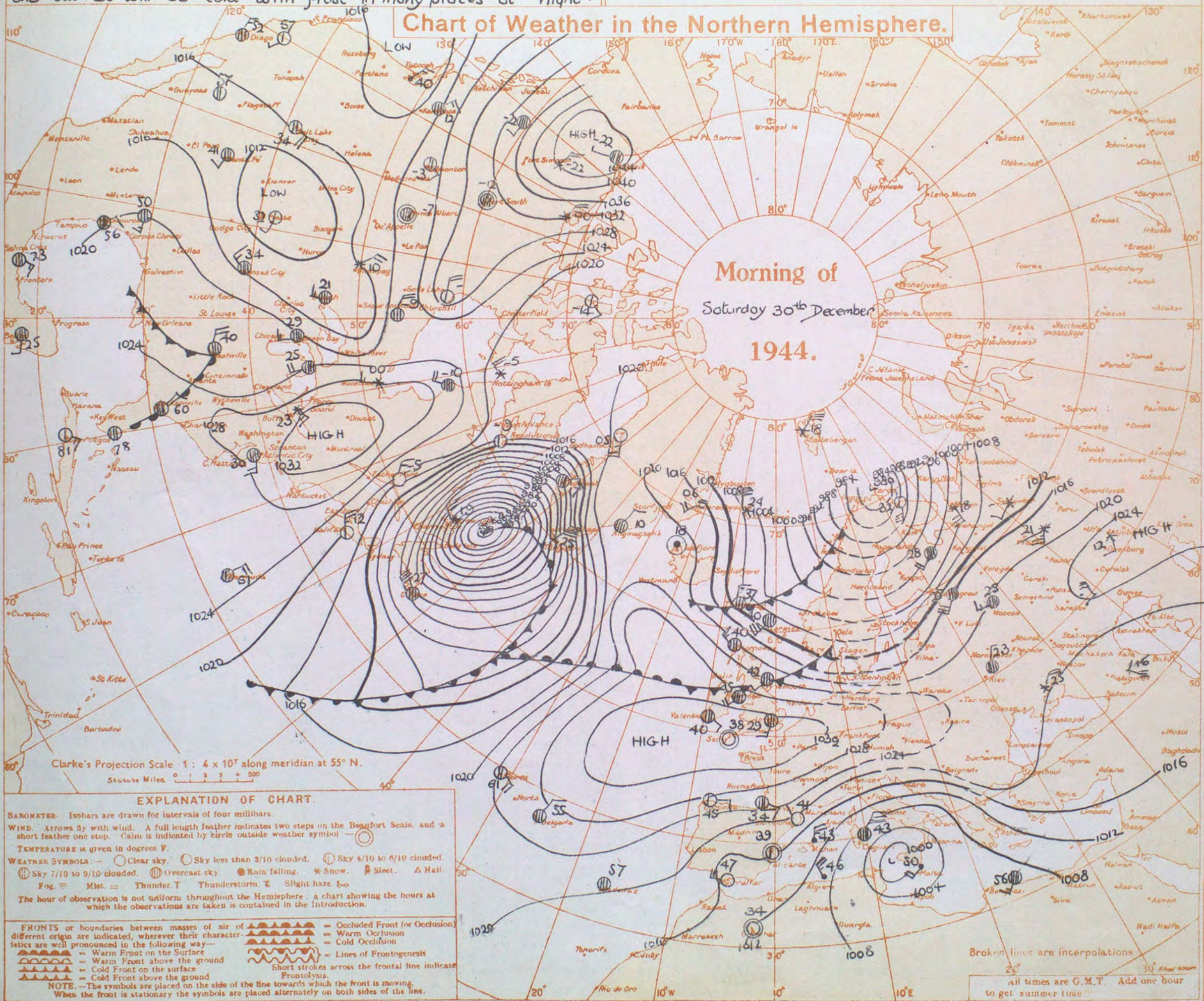




**GENERAL INFERENCE**  
A trough of low pressure extending from East Anglia to South West of Ireland is moving southwards and a ridge of high pressure West of Ireland is moving East; in southern districts weather will be dull at first with much mist and with slight local rain or drizzle; elsewhere and also in the South later weather will be of a showery type, but with the showers mainly scattered elsewhere; the showers will be of a wintry nature in the North and on mountains; as the ridge moves East the showers will gradually die out. It will be cold with frost in many places at night.

**FURTHER OUTLOOK**  
Fair quiet conditions at first; rain spreading from West later.

## Chart of Weather in the Northern Hemisphere.





BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Saturday 30th December 1944  
No. 30354

OBSERVATIONS at 00hr. G.M.T. 30th December																	OBSERVATIONS at 06hr. G.M.T. 30th December																	PAST 24 HOURS.						
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.			Temp.	Dew Point	Visibility.	Cloud.						Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.			Temp.	Dew Point	Visibility.	Cloud.						Height of Base Hundreds of feet.	State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs.
					Dir.	Force.	Weather.				Form.	Amount.		Total.	A.	B.				Dir.	Force.	Weather.				Form.	Amount.		Total.	A.	B.				Max. Day 6h-18h	Min. Night 18h-6h	Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.	
												Low.	Med.														High.	Low.												
1	Kew ...	16	32.4	-24	SW	3	27	27	1	7	6	6	12	80	29.5	-20	SW	2	2	30	30	7	5	8	8	15	3	29	24	12	Tr	Tr	3.0							
	Croydon ...	217	32.4	-24	SW	3	27	27	1	7	6	6	12	80	29.5	-20	SW	2	2	31	28	9	5	8	8	15	3	28	25	17	Tr	Tr	0.0							
	Boscombe Down	417	33.2	-20	SW	3	25	25	2	1	6	6	12	150	30.0	-20	SW	2	2	27	26	4	5	7	7	10	3	35	23	16	Tr	Tr	6.3							
	Thorney Island	10	33.1	-18	WN	2	29	28	1	3	8	5	3	180	29.9	-16	WN	3	3	27	26	4	5	7	7	10	3	39	23	16	Tr	Tr	6.3							
	Friston ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Lympe ...	341	33.1	-14	NNW	2	30	29	3	3	4	3	2	—	29.7	-10	NW	2	2	28	28	2	3	7	7	10	3	36	27	19	0.3	Tr	Tr	0.0						
	Manston ...	140	32.0	-22	WN	2	27	26	1	3	7	7	—	100	28.4	-20	WS	2	2	32	28	4	5	8	8	15	3	41	28	24	Tr	Tr	0.0							
2	North Weald	244	32.3	-34	SW	1	27	26	2	3	7	7	—	100	29.2	-20	WS	2	2	30	28	3	5	8	8	15	3	35	25	24	Tr	Tr	0.0							
	Felixstowe ...	10	31.4	-26	SW	2	34	32	1	1	8	8	—	77	28.3	-22	WS	3	3	33	30	3	5	8	8	15	3	37	31	25	Tr	Tr	2.7							
	Gorleston ...	5	29.6	-26	WSW	2	33	28	1	1	8	4	4	20	27.0	-14	W	2	2	32	31	6	5	8	8	15	3	35	31	27	Tr	Tr	2.3							
	Mildenhall	15	30.2	-34	SW	3	30	29	1	7	7	7	—	100	26.9	-22	SW	3	3	32	32	4	5	8	8	15	3	34	28	22	Tr	Tr	0.0							
	Bircham Newton	221	29.8	-38	SW	2	30	29	1	7	7	7	—	100	26.8	-12	WSW	3	3	33	32	4	5	8	8	15	3	39	29	25	0.1	Tr	Tr	0.0						
	Cranwell ...	203	29.8	-28	WSW	3	32	31	1	7	7	7	—	100	26.8	-10	WSW	3	3	35	33	4	5	8	8	15	3	38	30	26	Tr	Tr	0.0							
3	Cranfield ...	340	31.5	-30	SW	3	29	28	1	7	7	7	—	100	28.2	-22	SW	2	2	31	29	4	5	8	8	15	3	37	29	21	Tr	Tr	0.0							
	Honiley ...	427	31.7	-24	SW	3	29	27	2	3	8	4	8	—	28.3	-18	SW	3	3	32	30	3	5	8	8	15	3	38	28	19	Tr	Tr	0.0							
4	Little Rissington	731	32.1	0	WSW	2	30	27	1	7	7	7	—	200	28.7	-24	WSW	3	3	33	30	6	5	8	8	15	3	38	28	23	Tr	Tr	0.0							
	Shobden ...	318	32.3	0	SSE	2	26	25	1	7	7	7	—	200	28.6	-26	W	2	2	33	33	7	5	8	8	15	3	38	25	17	Tr	Tr	0.0							
5	Bristol ...	209	33.7	-22	—	0	26	30	2	7	7	7	—	200	30.8	-22	—	0	0	32	21	4	5	8	8	15	3	36	26	15	Tr	Tr	0.0							
	Chivenor ...	20	33.7	-22	E	2	28	27	1	7	7	7	—	200	31.3	-20	ESE	2	2	30	29	4	5	8	8	15	3	41	27	20	Tr	Tr	0.0							
	Yeovilton ...	50	33.6	-18	—	0	24	24	2	3	8	2	2	150	30.4	-20	—	0	0	26	25	6	5	8	8	15	3	36	18	16	Tr	Tr	0.0							
	Portland Bill	32	33.1	-8	W	2	28	28	1	7	7	7	—	200	29.6	-24	SW	3	3	41	38	7	5	8	8	15	3	41	41	—	Tr	Tr	0.0							
	Exeter ...	100	33.8	-16	ENE	2	27	26	1	7	7	7	—	200	31.2	-22	SE	1	1	25	23	4	5	8	8	15	3	38	24	20	Tr	Tr	0.0							
	Plymouth ...	86	34.5	-10	SE	1	29	28	1	7	7	7	—	200	31.7	-26	SE	1	1	20	30	5	5	8	8	15	3	44	27	20	Tr	Tr	0.0							
	St. Eval ...	345	34.7	-10	SE	1	33	30	1	7	7	7	—	200	31.9	-18	NW	2	2	42	36	6	5	8	8	15	3	43	31	24	Tr	Tr	0.0							
	The Lizard	240	35.1	0	NE	2	38	33	1	7	7	7	—	200	31.7	-12	WNW	4	4	44	39	7	5	8	8	15	3	46	35	—	Tr	Tr	0.0							
6	Scilly, St. Marys	163	35.0	-2	—	0	38	31	7	—	—	—	—	—	32.7	-10	WNW	3	3	44	35	7	5	8	8	15	3	48	37	—	Tr	Tr	6.6							
	Fairwood ...	208	33.6	-18	—	0	32	30	3	7	8	1	8	20	30.8	-22	—	0	0	35	34	4	5	8	8	15	3	41	39	—	Tr	Tr	0.0							
	Pembroke ...	142	37.6	-18	WS	4	45	38	1	7	5	2	5	23	31.6	-6	W	4	4	47	44	8	5	8	8	15	3	43	38	—	Tr	Tr	5.1							
	Aberporth ...	425	—	—	—	—	—	—	—	—	—	—	—	—	29.9	-16	WN	3	3	44	41	8	5	8	8	15	3	40	29	—	Tr	Tr	6.8							
7	Penrhos ...	63	31.1	-14	SW	4	43	39	6	5	8	8	—	35	28.9	-14	SW	3	3	45	41	6	5	8	8	15	3	44	37	—	Tr	Tr	0.0							
	Holyhead, Valley	32	30.5	-14	WSW	4	45	41	7	5	8	8	—	35	29.5	-6	NNW	2	2	44	41	6	5	8	8	15	3	44	41	39	Tr	Tr	0.0							
	Hawarden ...	15	30.3	-18	SSE	2	38	39	6	5	8	8	—	25	28.0	-4	SW	3	3	43	41	7	5	8	8	15	3	41	31	20	Tr	Tr	4.3							
8	Manchester	230	30.9	-14	SSW	3	33	32	1	7	7	7	—	25	27.3	-14	WSW	3	3	37	37	2	3	8	8	15	3	35	32	28	Tr	Tr	0.6							
	Squires Gate	30	29.3	-16	W	4	43	40	5	8	8	8	—	20	27.6	-12	NW	3	3	43	40	6	5	8	8	15	3	42	38	35	Tr	Tr	0.0							
	Silloth ...	25	26.9	-6	WSW	3	43	41	7	5	8	8	—	11	26.2	-6	W	4	4	42	3																			



BRITISH  
SECTIONTHE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.**SECRET**Sunday 31st December 1944  
No. 30355

OBSERVATIONS at 12h. G.M.T. 30th December																	OBSERVATIONS at 18h. G.M.T. 30th December																	PAST 24 HOURS																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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. miles (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. miles (24)	Cloud.				Height of Base Hundreds of feet. (32)	State of Ground. (33)	Sea. 0-9 (34)	WEATHER.				0-9 (35)	0-9 (36)	0-9 (37)	0-9 (38)	0-9 (39)	0-9 (40)	0-9 (41)	0-9 (42)	0-9 (43)	0-9 (44)																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Direc.	Force.					Low.	Med.	High.	Total.				Low.	Med.					High.	Total.	A.	B.				A.	B.	A.	B.											A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.







# GENERAL INFERENCE

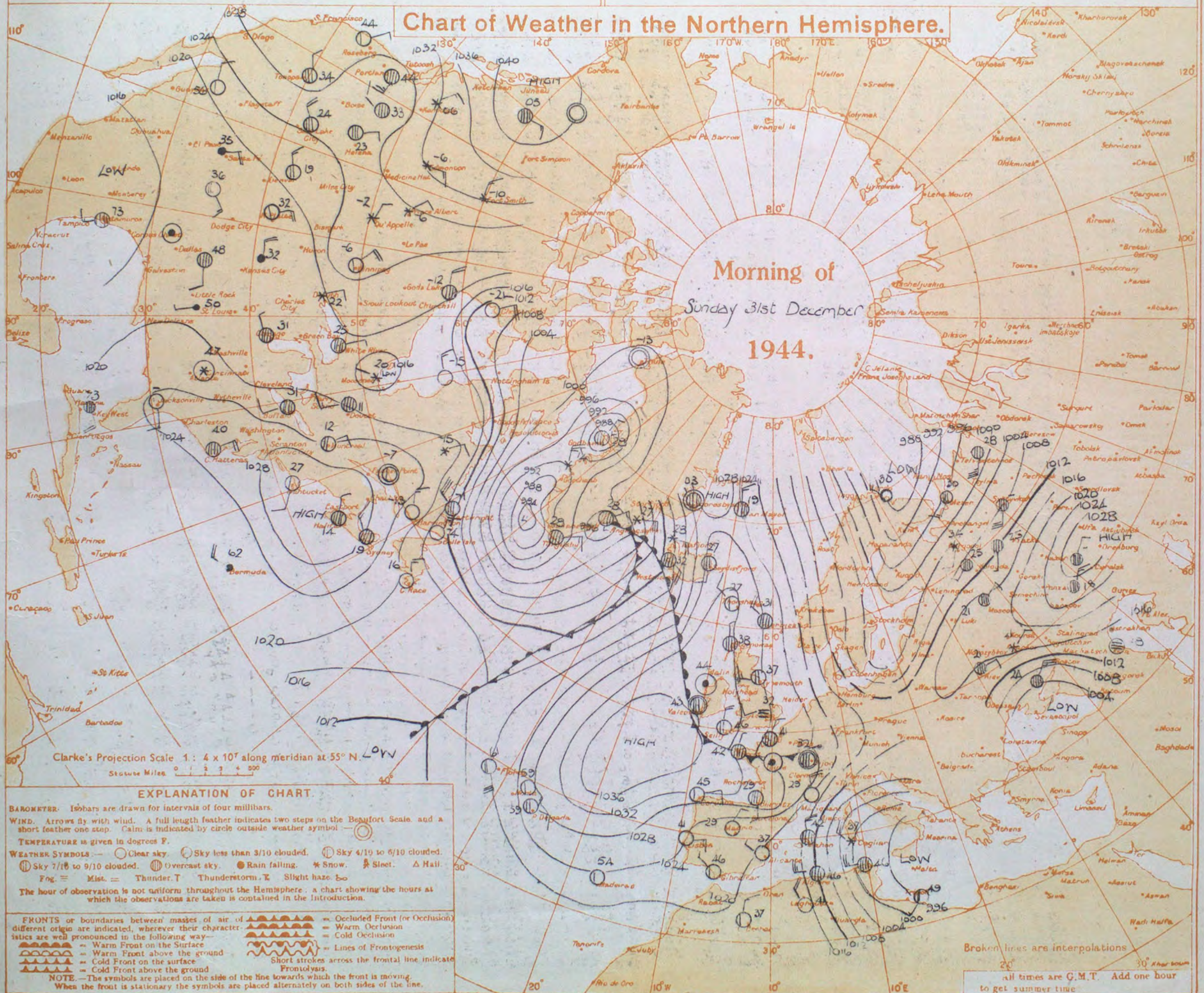
In anticyclone centred southwest of the British Isles is spreading northeastwards, and a trough of low pressure west of the British Isles will affect our northwest seaboard later. Weather will be generally fair at first apart from a few scattered coastal showers. Occasional drizzle will spread along the northwest seaboard later. Considerable fog will develop over England in the latter part of the night, persisting locally tomorrow. It will be cold with frost at night in many places, but it will become milder in the North.

# FURTHER OUTLOOK

Quiet conditions, with little or no precipitation, but considerable fog.

## Chart of Weather in the Northern Hemisphere.

Morning of  
Sunday 31st December  
1944.



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

Statute Miles 0 1 2 3 4 500

### EXPLANATION OF CHART.

BAROMETER: Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

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 31st DECEMBER 1944  
No. 30355

OBSERVATIONS at 06hr. G.M.T. 31st December																			OBSERVATIONS at 06hr. G.M.T. 31st December																			PAST 24 HOURS.						
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. M.S.L.	Change in 3 hours.	Wind.			Temp.	Dew Point	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.										
					Dir.	Force.	Weather.				Form.	Amount.		Height of Base Hundreds of feet.			Form.	Amount.	Height of Base Hundreds of feet.				Form.	Amount.		Height of Base Hundreds of feet.			Max. Day 6h-18h	Min. Night 18h-6h	Min. on Grass	Day 6h-18h mm.	Night 18h-6h mm.											
												Low.	Med.											High.	Low.										Med.	High.	Low.	Med.	High.					
1	Kew	16	29.0	+6	WSW	2	b	34	31	3	0	0	0	30.0	+8	NNW	2	b	33	30	6	0	0	0	3	39	31	18	0.1	Tr	1.2													
	Croydon	217	29.0	+6	WSW	2	b	32	31	3	0	0	0	30.1	+4	NNW	2	b	30	30	3	0	0	0	3	39	29	25	1	Tr	0.9													
	Boscombe Down	417	30.3	-8	W	1	z	35	34	5	5	1	1	30.5	+2	NNW	3	z	34	31	6	1	1	1	3	37	31	23	0	Tr	0.0													
	Thorney Island	10	28.8	+2	WNW	3	z	35	34	5	5	1	1	29.9	+2	NNW	3	z	34	32	6	1	1	1	3	37	31	23	0	Tr	0.0													
	Friston	10	28.8	+2	WNW	3	z	35	34	5	5	1	1	29.9	+2	NNW	3	z	34	32	6	1	1	1	3	37	31	23	0	Tr	0.0													
	Lympne	341	27.5	+6	NW	2	b	32	32	3	0	0	0	28.4	+6	NNW	2	b	32	31	4	0	0	0	3	36	31	24	0	Tr	0.0													
	Manston	140	26.3	0	NNW	4	m	37	34	1	0	0	0	27.6	+10	NNW	4	m	36	34	5	0	0	0	1	36	30	33	1	Tr	0.0													
2	North Weald	244	28.8	+8	WNW	3	m	32	31	1	0	0	0	29.7	+4	NNW	4	m	32	29	4	0	0	0	3	39	30	30	0	Tr	0.5													
	Felixstowe	10	26.5	+2	WNW	3	m	37	35	1	0	0	0	27.8	+10	NNW	3	m	35	33	5	0	0	0	3	41	33	30	0	Tr	0.8													
	Gorleston	5	25.6	+2	NW	3	pr	37	33	6	6	1	1	25.0	-6	NW	3	pr	36	33	7	0	0	0	1	37	35	33	0	Tr	0.8													
	Mildenhall	15	27.5	+6	NW	3	m	32	30	1	5	1	1	28.7	+4	NNW	3	m	32	30	4	5	1	1	3	39	31	26	0	Tr	0.4													
	Bircham Newton	221	27.0	+4	NW	4	z	37	34	6	5	1	1	28.6	+6	NNW	4	z	34	34	7	0	0	0	3	37	33	29	0	Tr	0.4													
	Cranwell	203	28.2	+4	NW	3	m	34	33	1	5	1	1	30.2	+10	NNW	3	m	34	32	4	6	1	1	3	41	33	28	0	Tr	3.0													
3	Cranfield	340	28.8	+6	W	3	z	33	31	5	5	1	1	30.2	+8	NNW	3	z	31	28	5	6	1	1	3	41	30	19	0	Tr	0.4													
	Honiley	427	29.7	+8	NW	3	m	36	33	1	4	1	1	31.2	+6	NNW	3	m	35	33	4	5	1	1	3	41	30	30	0	Tr	0.4													
4	Little Rissington	731	29.4	+6	NW	3	z	35	34	6	5	3	1	30.7	+6	NNW	3	z	35	33	5	5	3	1	5	40	34	30	0.2	Tr	0.4													
	Shobden	318	31.4	+8	NNW	3	b	35	31	8	5	3	1	32.4	+6	NNW	3	b	37	31	8	5	3	1	5	40	31	20	0.2	Tr	0.4													
5	Bristol	209	31.2	+6	NNE	1	m	32	30	1	4	1	1	32.2	+6	NNW	1	m	34	33	0	5	3	1	5	40	31	23	0.2	Tr	0.0													
	Chivenor	20	31.9	+2	NW	3	c	42	38	8	7	7	1	32.5	+2	NNW	4	c	42	38	8	7	7	1	5	47	38	32	1	Tr	0.4													
	Yeovilton	50	30.6	+6	NW	2	z	29	28	6	0	0	0	31.5	+4	NNW	2	z	28	28	6	0	0	0	3	39	27	20	0.5	Tr	0.4													
	Portland Bill	32	29.9	+8	WNW	3	b	40	38	8	2	1	1	30.9	+6	NNW	3	b	39	37	8	2	1	1	5	45	38	27	0	Tr	0.4													
	Exeter	100	31.2	+2	NW	1	z	34	32	6	1	1	1	32.2	+4	NNW	2	z	33	32	6	1	1	1	5	42	35	28	0.2	Tr	0.0													
	Plymouth	86	32.0	+2	SEA	2	z	37	35	6	1	1	1	32.0	0	NNW	2	z	38	37	6	8	1	1	6	45	35	28	0.2	Tr	0.0													
	St. Eval	345	32.4	+2	N'E	3	b	41	38	7	5	1	1	33.4	+2	NNW	3	b	42	37	7	8	1	1	5	47	39	35	2	Tr	0.4													
	The Lizard	240	31.8	0	NNE	3	b	41	37	7	7	1	1	33.1	0	WSW	3	c	41	40	7	7	1	1	7	48	40	35	0.5	Tr	1.2													
6	Scilly, St. Marys	163	32.9	+2	N'E	4	b	46	38	8	2	1	1	33.9	0	NNW	4	c	45	35	8	8	1	1	7	50	41	30	0.3	Tr	1.7													
	Fairwood	268	32.0	+4	WNW	2	c	37	36	6	5	1	1	33.2	+4	NNW	2	b	36	35	7	5	1	1	4	42	36	30	0.2	Tr	0.4													
	Pembroke	142	32.8	+4	NW	4	b	43	39	8	2	1	1	33.1	+4	NNW	4	b	42	39	8	2	1	1	4	47	41	35	2	Tr	0.0													
	Aberporth	425	31.6	+6	NE	3	c	44	40	7	8	1	1	32.3	+2	NE	4	b	43	38	8	4	1	1	3	44	42	36	2	Tr	0.2													
7	Penrhos	63	31.6	+6	NE	3	c	44	40	7	8	1	1	32.3	+2	NE	4	b	43	37	7	4	1	1	3	47	41	38	1	Tr	0.4													
	Holyhead, Valley	32	32.4	+10	NW	1	pr	43	40	7	8	1	1	33.0	+4	NNW	4	c	43	40	8	7	1	1	6	45	41	39	0	Tr	0.4													
	Hawarden	15	30.4	0	NW	2	b	37	35	6	2	6	1	32.4	+16	NNW	1	b	32	31	6	1	1	1	3	44	32	37	0	Tr	1.7													
8	Manchester	230	30.3	+6	0	b	33	32	3	0	0	0	0	32.2	+12	NNW	0	b	28	28	0	1	1	1	3	41	27	19	0.2	Tr	0.4													
	Squires Gate	30	30.2	+12	NNW	3	z	41	38	5	4	1	1	32.3	+16	NNW	3	z	35	34	5	5	1	1	3	45	34	29	0	Tr	0.4													
	Silloth	25	29.7	+6	NNW	1	c	35	32	8	1	1	1	32.7	+6	NNW	1	c	28	27	7	5	1	1	3	45	27	20	0	Tr	0.4													
9	Ashbourne	590	29.9	-6	W	2	m	34	32	4	1	1	1	31.6	+10	NNW	2	m	32	28	4	1	1	1	3	41	30	19	0	Tr	0.4													
	Snaith	30	29.3	+6	WNW	3	z	32	30	5	1	1	1	31.5	+14	NNW	4	c	35	31	7	5	1	1	7	43	30	23	0	Tr	0.4													
10	Spurn Head	29	27.3	+6	NW	4	z	37	34	6	7	1	1	29.0	+10	NNW	6	c	37	34	2	10	1	1	3	42	35	25	0	Tr	0.6													
	Leeming	105	28.8	+6	NW	3	b	35	31	8	1	1	1	31.2	+10	NNW	3	c	35	31	8	2	1	1	3	45	34	29	0	Tr	0.4													
	Tynemouth	108	29.1	+6	W	3	z	37	33	6	2	1	1	31.3	+6	NNW	4	c	37	28	7	5	1	1	3	42	35	30	0	Tr	0.4													
11	Acklington	138	28.7	+4	NNW	3	b	36	33	7	5	1	1	31.2	+10	NNW	4	c	36	26	7	5	1	1	7	41	34	30	0	Tr	0.4													
	St. Abb's Head	280	29.0	+12	NW	4	c	38	34	8	1	1	1	31.1	+12	NNW	4	c	37	28	8	8	1	1	7	43	36	25	0	Tr	0.4													
	Leuchars	31	30.4	+18	0	b	36	31	8	3	4	3	1	30	+6	NNW	3	c	35	29	8	8	1	1	6	43	32	25	0	Tr	0.1													
12	Montrose	22	30.6	+10	NNW	2	c	35	33	8	5	1	1	32.6	+6	NNW	2	c	35	30	8	5	1	1	7	42	33	31	0.2	Tr	0.4													
	Abbotsinch	19	30.7	+6	SW	1	b	35	31	7	1	1	1	33.0	+10	NNW	0	b	28	26	7	1	1	1	3	44	28	20	0	Tr	2.3													
	Prestwick	30	31.6	+6	0	c	35	32	7	1	1	1	1	33.3	+6	NNW	1	c	35	30	8	7	1	1	0	46	27	22	0	Tr	0.4													
	West Freugh	53	31.1	+12	N	1	r	39	35	8	3	6	6	32.8	+6	NNW	1	b	35	30	8	7	1	1	2	44	27	22	0	Tr	0.4													
	Eskdalemuir	794	31.7	+6	NW	4	c	43	38	8	4	6	6	32.8	+12	NNW	2	b	41	36	8	4	6	6	5	44	40	32	0	Tr	1.7													
13A	Jurby, I. of Man	84	31.7	+6	NW	4	c	43	38	8	4	6	6	32.8	+12	NNW	2	b	41	36	8	4	6	6	5	44	40	32	0	Tr	1.7													
	Machrihanish	35	31.2	+4	NNW	2	c	42	37	8	2	6	6	33.2	+4	NNW	0	b	36	33	7	5	7	1	5	46	36	30	0	Tr	0.4													
	Tiree	44	32.4	+10	N	1	c	38	35	8	4	2	2	33.3	+4	NNW	0	b	33	32	9	1	3	1	3	45	33	23	1	Tr	1.7													
	Oban	74	32.0	+10	NNW	3	b	40	32	8	4	2	4	33.3	+4	NNW	0	b	35	31	8	4	1	3	4	45	34	30	0	Tr	0.4													
13B	Stornoway	12	32.5	+10	N	1	c	38	35	8	5	1	1	33.7	+2	NNW	2	b	34	28	8	5	1	1	5	43	34	30	0.3	Tr	0.4													
15	Cape Wrath	367	31.8	+6	N	2	c	35	32	9	8	1	1	33.5	+4	NNW	2	c	26	24	9	3	1	1	6	43	25	20	0.3	Tr	0.4													
	Dalwhinnie	1176	31.8	+6	N	2	c	35	32	9	8	1	1	33.3	+6	NNW	1	c	28	23	7	8	1	1	4	38	28	20	0.2	Tr	0.4													
	Aberdeen	79	30.0	+6	NW	3	c	35	27	8	5	1	1	32.0	+8	NNW																												

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 48, 49, 50)

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

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

\* Information not usually received.  
† oth. Observations from Dyce.  
‡ Sea disturbance reported from Dungeness

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