

THE DAILY WEATHER REPORT

BRITISH SECTION

1st October to 31st December

1947



METEOROLOGICAL OFFICE
LONDON, W.C.2

INTRODUCTION

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

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

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

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

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

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

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

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

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at British Land Stations.	Limits of Mean Velocities Statute Miles per Hour as recorded by well exposed anemometers about 30 to 40 feet above ground.
0	Calm ...	Calm; smoke rising vertically...	Less than 1
1	Light air ...	Direction of wind shown by smoke drift ...	1-3
2	Slight breeze ...	Wind felt on face; leaves rustle ...	4-7
3	Gentle breeze...	Leaves and small twigs in constant motion; wind extends light flag ...	8-12
4	Moderate breeze	Raises dust and loose paper; small branches are moved ...	13-18
5	Fresh breeze ...	Small trees in leaf begin to sway; crested wavelets on inland waters...	19-24
6	Strong breeze...	Large branches in motion; whistling heard in telegraph wires ...	25-31
7	Moderate gale...	Whole trees in motion; inconvenience felt when walking against wind ...	32-38
8	Fresh gale ...	Breaks twigs off trees; generally impedes progress...	39-46
9	Strong gale ...	Slight structural damage occurs (chimney pots and slates removed) ...	47-54
10	Whole gale ...	Seldom experienced inland; trees uprooted ...	55-64
11	Storm ...	Very rarely experienced; accompanied by widespread damage ...	65-73
12	Hurricane ...	...	74-82
13	—	...	83-92
14	—	...	93-103
15	—	...	104-114
16	—	...	115-125
17	—	...	126-136

Form of Low Cloud (Cl)—Columns 9, 25.

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

Form of Medium Cloud (Cm)—Columns 10, 26

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

Form of High Cloud (Ch)—Columns 11, 27

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

Cloud Form Abbreviations

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

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

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

Code for State of Sea (S)—

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

Rainfall—Columns 38 43.

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

Beaufort Notation and Symbols for Weather—

Columns 5 and 21, and 35, 36, 37, 38 on page 1, and 5 and 21 on page 4

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

q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.

Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. ro, slight rain. rr, continuous rain.
<, less than (for cloud height).
g, gale.
⊕, Solar halo. ⊙, lunar halo. ☄, Aurora.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus: bc/r, fair weather after rain; —, has decreased; +, has increased.

GALE WARNINGS

Details of gale warnings issued by the Meteorological Office are given below the Further Outlook on page 3 of the Report. The receipt of a gale warning at ports and fishing stations is indicated by the hoisting of a black canvas cone. The cones remain hoisted after the receipt of a warning telegram until danger of a gale has passed.

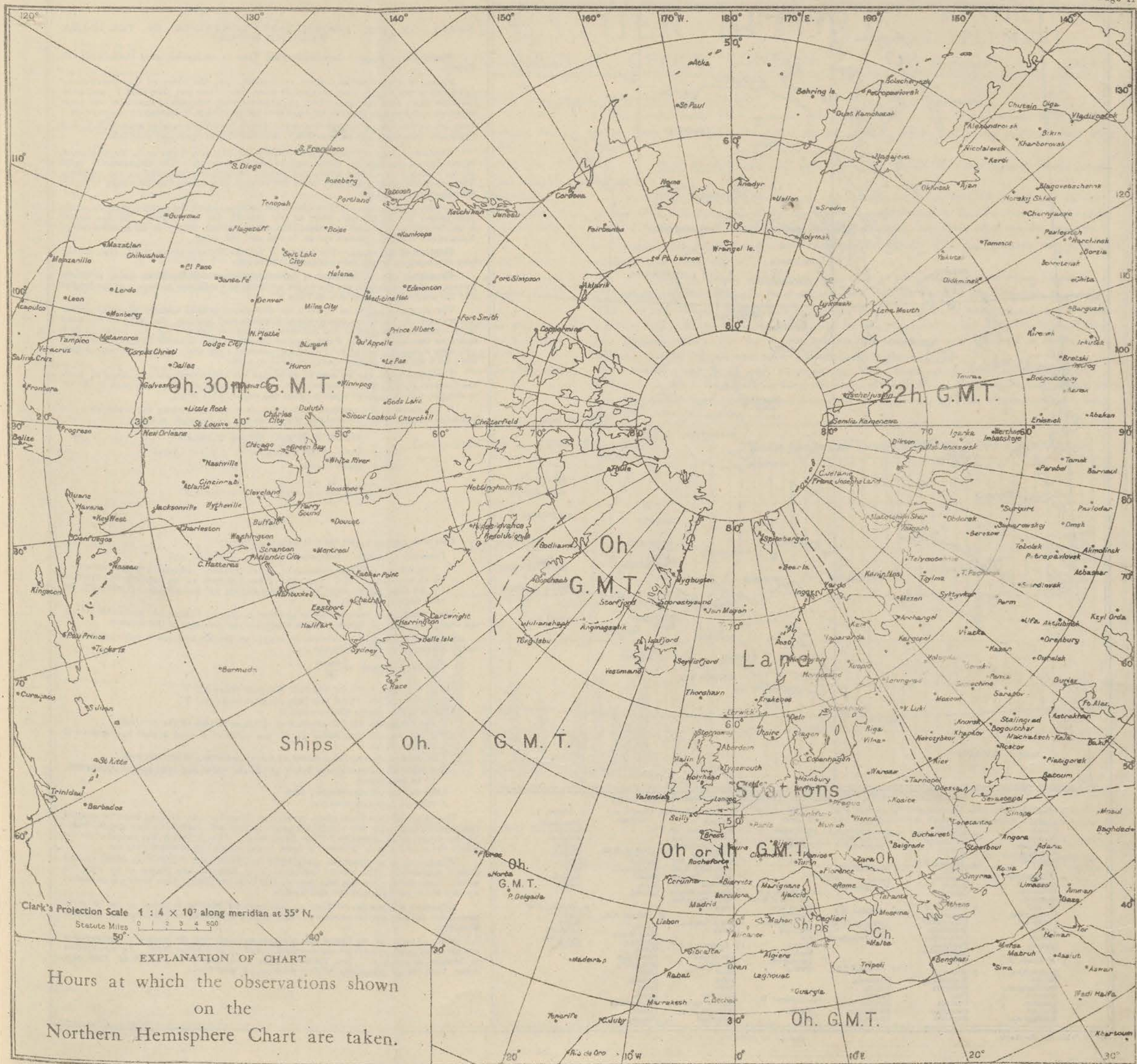
The **North Cone** (point upwards) is hoisted for gales commencing from a Northerly point.

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

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

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

The symbols **⬆** (North Cone) and **⬇** (South Cone) are appended to the details of warnings given on page 3 of the Report.



FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS and the Counties comprised within them

- | | | | | | |
|--|--|---|---|---|--|
| 1. England, S.E.
Kent.
Sussex.
Surrey.
Hampshire.
Berkshire.
Wiltshire. | 4. Midlands, W.
Gloucester.
Hereford.
Worcester.
Shropshire.
Stafford. | 8. England, N.W.
Cheshire.
Lancashire.
Westmorland.
Cumberland. | 11. Scotland, S.E. (cont.)
Linlithgow.
Clackmannan.
Kinross.
Fife.
Forfar. | 13a. Scotland, N.W. 16. Orkneys and Shetlands.
Hebrides.
Western parts of Inverness, Ross and Cromarty, Sutherland.
(Boundary line runs from Rannoch Station through Fort Augustus, Beaulieu and Lairg to Melville.) | 19. Ireland, S.E.
Waterford.
Wexford.
Kilkenny.
Carlow.
Wicklow.
Offaly.
Leix.
Kildare.
Dublin. |
| 2. England, E.
Essex.
Middlesex.
Hertford.
Bedford.
Huntingdon.
Cambridge.
Suffolk.
Norfolk.
Lincoln. | 5. England, S.W.
Dorset.
Somerset.
Devon.
Cornwall. | 9. Midlands, N.
Derby.
Yorkshire, W. | 12. Scotland, S.W., and Isle of Man.
Dumfries.
Kirkcudbright.
Wigtown.
Ayr.
Lanark.
Renfrew.
Dumbarton.
Stirling. | 14. Mid Scotland.
Perth. | 17. Ireland, N.W.
Galway.
Roscommon.
Mayo.
Sligo.
Leitrim. |
| 3. Midlands, E.
Buckingham.
Oxford.
Northampton.
Warwick.
Leicester.
Rutland.
Nottingham. | 7. Wales, N.
Montgomery.
Merioneth.
Flint.
Denbigh.
Carnarvon.
Anglesey. | 10. England, N.E.
Yorkshire, N. & E.
Durham.
Northumberland. | 15. Scotland, N.E.
Kincardine.
Aberdeen.
Banff.
Elgin.
Nairn.
Caithness.
Eastern parts of Inverness, Ross, Sutherland. | 28. Ireland, N.E.
Meath.
West Meath.
Longford.
Cavan.
Fermanagh.
Monaghan.
Louth.
Armagh.
Down.
Antrim.
Londonderry.
Tyrone.
Donnagall. | 20. Ireland, S.W.
Cork.
Kerry.
Limerick.
Tipperary.
Clare. |

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

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

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

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

London Observations.—The rainfall measurements at all the London stations where rain gauges are maintained, refer to two periods, day and night. The day period is 9h. to 21h. G.M.T. and the night period 21h. to 09h. G.M.T. at all stations except Kensington where the periods are 9h. to 18h. and 18h. to 9h.

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

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

The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 20 knots in latitude 55°, with a temperature of 50° F. and a pressure of 1,000 mb.; if, however, the isobars are ½ inch apart the corresponding speed is 40 knots.

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

If the distance between consecutive isobars is measured along the scale from the left-hand extremity the geostrophic wind is shown by the scale in knots.

GEOSTROPHIC WIND SCALES

Upper Scale—8 mb. isobars on 1 : 4 × 10⁷ Charts.

Lower Scale—2 mb. „ „ 1 : 5 × 10⁶ „



Knots.

This scale applies under the following conditions:—

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

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

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

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

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

$$x = f - .444(t - t')$$

$$x = f - .400(t - t')$$

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. 3d. post free.

Exceptionally dry; mainly rather warm but cold later.

Conditions were mainly anticyclonic, more especially in the South; but late in the month the anticyclone was over Scandinavia. There were some warm days, especially the 4th to 7th and 11th to 13th with maximum temperatures above 70°F at many places. Plymouth recorded 74°F on the 6th. Cyclonic activity was mainly to the North west and North of the British Isles and was not very marked. Fronts occasionally crossed the country but rainfall was slight in the South and East. Morning fog was rather frequent and it sometimes persisted at a few places. Following an incursion of dry and colder air from the Southeast, there was some frost and fog early on the 21st. South Farnborough reported a screen minimum of 23°F and a grass minimum of 15°F.

A depression moved northeast into southwest districts on the 22nd and then turned away southeastward. There was substantial rainfall in the South west and near the south coast but only small falls elsewhere. Seilly had 55 mms. on the night 21st-22nd and Pembroke 28 mms.

There was much fog in England early on the 24th - dense in places. An anticyclone over Scandinavia then spread southwest and cold east winds extended over the British Isles. On the 29th temperature only reached 43°F at Little Rissington, and on the following night there was frost and fog over a considerable region

in the South. South Farnborough recorded 26°F in the screen and 15°F on the grass. There was local rain in the period of east winds but many districts had very little.

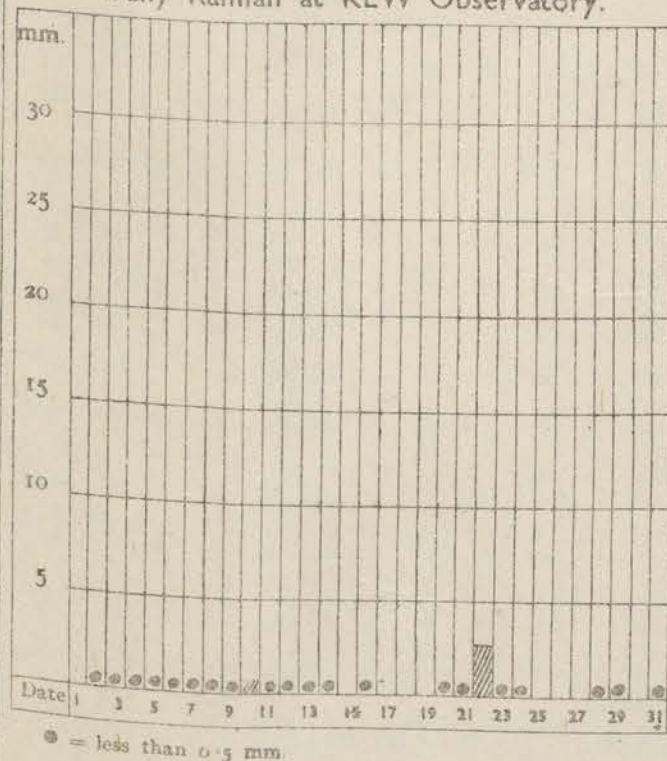
Mean pressure was very uniform over the British Isles and some 7-10 mbs. above average.

Mean temperature. In England and Ireland the mean was 1.52 degrees above average while in Scotland the excess was 3 to 4 degrees. October is thus the seventh successive month with temperature above average. The total excesses over these seven months have in most places nearly equalled and in some exceeded the deficits of the four previous very cold months (Dec '46 - Mar '47).

Rainfall totals were greatly below average everywhere, and for many places in England this October becomes the driest on record. Kew, for example, whose records began in 1856 had only 4 mms.; the previous record was 11 mms. in 1921. For many places in the South and East this is the fourth successive month to be very deficient in rainfall. The highest totals from stations listed in the D.W.R. were between 50 and 75 mms. and obtained in Northwest Scotland, central Ireland and extreme Southwest England.

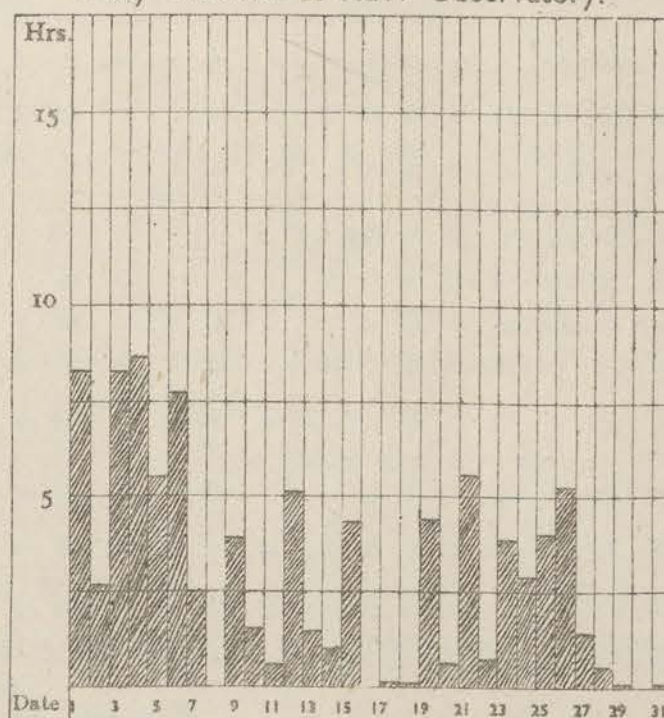
Sunshine totals were above average in the South and in Northwest England and Northwest Scotland. Over South Scotland and much of the East and Midlands however, totals were if anything rather below average, due in part to the frequency of thick stratocumulus cloud associated with Northeasterly winds.

Daily Rainfall at KEW Observatory.



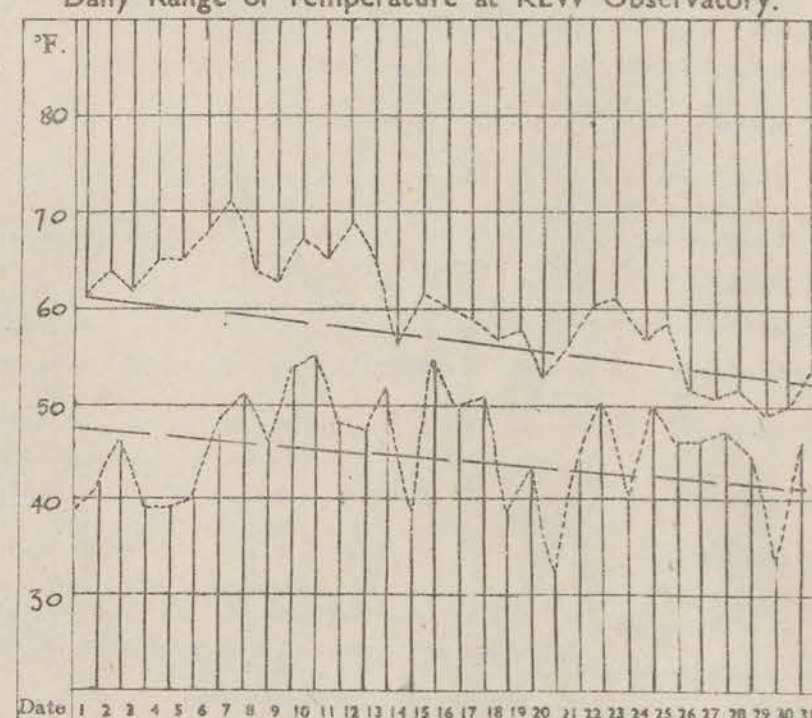
RAINFALL. Total for Month. 4 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 92 hrs.

Daily Range of Temperature at KEW Observatory.



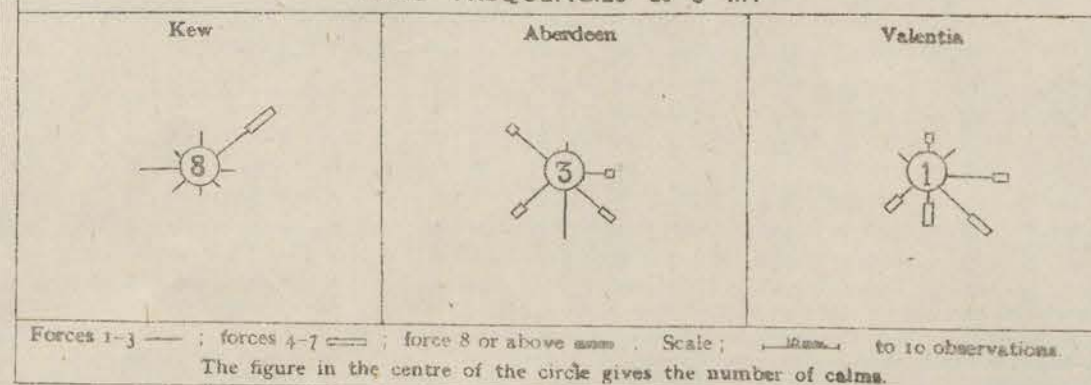
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb	mb.	°F.	°F.
	1021.7	+7.7	52.5	+0.9
Aberdeen	1021.1	+10.1	50.8	+3.0
Valentia	1019.7	+7.1	55.0	+2.3

* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 12 h. daily corrected.
Temperature—mean of Max. and Min.

WIND FREQUENCIES at 6 hr.



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

	miles.
Kew	4663
Aberdeen	4746
Lerwick	11080

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

District.	STATIONS.	†TEMPERATURE.														LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																			
		Number of daily readings within fixed limits.						Average Minimum.	Extremes—Warmest and Coldest.				Number of Ground Frosts.	Number of observations within fixed limits.						Number of observations within fixed limits.																					
		Maximum.					Minimum.					Days.		Nights.		9 h.		15 h.		21 h.		9 h.			15 h.																
		33° - 41°	42° - 50°	51° - 59°	60° - 68°	69° - 77°	Average Maximum.		24° - 32°	33° - 41°	42° - 50°	51° - 59°		60° - 68°	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.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.							
1	London ... (Kew Obsy).	0	2	12	15	2	57.5	0	10	15	6	0	45.7	71	7	49	29	55	11	33	21	8	7	18	0	0	22	0	0	24	0	3	1	7	3	2	0	0	0	0	10
1	Croydon ...	0	4	10	14	3	57.0	2	10	11	8	0	45.1	71	6	48	29	55	8	29	30	3	7	12	0	2	13	3	1	11	2	0	2	7	7	2	0	0	1	3	8
1	Calshot ...	0	3	11	16	1	58.1	0	3	20	8	0	47.3	70	6	49	29	57	11	38	21	0	5	15	0	2	18	0	0	14	0	0	1	2	6	8	0	0	0	1	19
1	Lympne ...	0	5	7	16	3	56.5	0	7	17	7	0	45.4	73	6	48	27	55	7	35	21	2	6	13	0	2	14	0	0	9	1	0	1	0	4	11	0	0	1	1	15
2	Shoeburyness...	0	1	12	16	2	58.4	2	6	16	7	0	45.1	69	10	49	27	56	16	30	30	5	3	19	1	1	22	0	0	11	0	0	2	3	4	8	0	0	1	2	14
2	Gorleston ...	0	2	12	16	1	57.1	0	4	16	11	0	46.5	70	11	50	30	56	3	39	21	0	9	18	0	5	22	0	7	19	0	0	0	3	3	12	0	0	0	2	16
2	Waddington ‡	0	4	10	13	4	56.1	0	8	19	4	0	43.0	72	4	47	29	52	11	34	21	2	3	15	2	0	20	2	2	16	0	1	1	0	5	4	0	0	0	0	14
3	Birmingham ... (Edgbaston)	0	4	15	12	0	54.5	0	3	22	6	0	44.2	67	4	45	29	55	11	37	21	10	9	10	1	5	15	0	0	14	1	0	0	6	8	4	0	0	1	4	12
4	Ross-on-Wye...	0	3	13	15	0	56.7	2	14	10	5	0	44.2	67	6	44	29	58	11	30	21	7	7	16	0	1	19	0	1	18	0	0	4	5	1	13	0	0	0	2	19
5	The Lizard ...	0	2	9	19	1	*	0	0	12	19	0	*	69	6	49	29	58	11	42	27	0	1	28	0	0	27	0	0	23	0	0	0	0	0	26	0	1	0	0	24
7	Holyhead (Valley	0	1	16	14	0	55.8	0	10	11	10	0	49.5	66	4	50	29	57	12	35	30	42	3	16	0	4	19	0	0	14	0	0	0	0	2	16	0	0	0	0	18
8	Hawarden P	0	4	9	17	1	56.5	3	10	13	5	0	43.8	70	12	47	29	54	16	27	21	5	9	14	1	0	28	0	2	14	1	1	2	3	11	6	0	0	0	2	13
10	Tynemouth ...	0	2	19	9	1	54.6	0	2	21	8	0	45.3	69	12	50	30	57	12	40	20	0	1	30	0	0	30	0	0	31	0	0	1	3	4	10	0	1	0	3	15
11	Leuchars ...	0	2	18	11	0	53.8	0	2	23	6	0	41.4	68	4	50	30	59	12	33	21	0	2	23	1	2	24	0	3	18	3	1	0	1	3	15	0	0	0	0	19
12	Renfrew ...	0	2	21	8	0	53.6	1	3	22	5	0	41.9	64	4	49	30	57	12	32	21	2	7	21	0	2	26	0	2	23	0	0	2	1	6	14	0	0	0	3	13
12	Eskdalemuir ...	0	8	20	3	0	51.1	3	13	14	1	0	39.6	66	4	46	30	53	12	29	21	3	4	23	0	5	23	0	8	19	0	0	1	1	2	17	0	0	1	1	22
13B	Stornoway ...	0	2	26	3	0	51.7	1	6	15	9	0	42.7	60	4	48	17	55	20	31	27	5	8	18	1	3	23	0	4	21	1	0	0	0	1	23	0	0	0	0	30
15	Aberdeen ...	0	6	18	7	0	53.0	0	7	21	3	0	42.6	67	5	47	17	57	12	36	17	3	8	18	0	3	24	0	6	14	2	0	1	1	2	19	0	0	0	0	19
18	Aldergrove ...	0	2	17	11	1	54.0	0	3	17	11	0	43.2	69	4	49	30	57	12	38	27	1	11	18	0	2	28	0	1	23	1	1	1	0	1	16	0	0	0	1	20
19	Birr Castle †...	0	1	19	10	1	55.8	1	11	12	7	0	43.7	70	4	50	30	59	12	31	31	2	0	23	0	1	25	0	2	21	0	0	0	1	0	30	0	0	0	0	31
20	Valentia †... (Cahirciveen)	0	0	15	14	2	56.5	0	3	12	15	1	48.8	70	4	52	28	60	12	38	31	0	1	26	0	2	28	0	3	24	0	0	0	0	0	28	0	0	0	0	29

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

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

UPPER AIR TEMPERATURE.											UPPER WINDS.																				Pressure mb.				
											No. of records of Velocity (knots) within fixed limits.																								
											LARKHILL (31 Reports) (06h)						DOWNHAM MARKET (25 Reports) (06h)						LIVERPOOL (27 Reports) (06h)						LERWICK (31 Reports) (06h)						
Pressure	Sea Height.	BIRCHAM NEWTON (Reports) (06h)		ALDERGROVE (Reports) (06h)		PENZANCE (31.) (06h)	LARKHILL (31.) (06h)	DOWNHAM MARKET (20.) (06h)	LIVERPOOL (28.) (06h)	LERWICK (31.) (06h)	VALENTIA (31.) (06h)	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	>95	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	>95	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	>95	0 to 15	16 to 35	36 to 55	56 to 75	76 to 95	>95
mb.	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	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots		
Surf.						54.2	44.6	46.3	58.5	47.2	28	3	0	0	0	0	25	0	0	0	0	0	25	2	0	0	0	0	20	11	0	0	0	0	Surf.
900	3,240	41.7		40.4		45.7	45.1	44.6	47.8	37.6	21	10	0	0	0	0	10	15	0	0	0	0	13	14	0	0	0	0	7	16	8	0	0	0	900
800	6,390	34.0		33.8		39.9	39.4	39.0	42.6	32.3	16	14	1	0	0	0	7	18	0	0	0	0	9	18	0	0	0	0	8	17	6	0	0	0	800
700	9,876	25.0		24.4		29.7	29.2	28.9	32.3	23.9	14	15	2	0	0	0	7	18	0	0	0	0	8	17	2	0	0	0	6	13	11	1	0	0	700
600	13,792	12.6		113.5		17.0	16.9	15.7	19.1	11.8	14	15	2	0	0	0	7	18	3	0	0	0	5	14	8	0	0	0	4	10	13	4	0	0	600
500	18,278	-3.0		-1.1		2.3	-1.0	-6.7	2.8	-4.5	6	19	6	0	0	0	3	17	5	0	0	0	4	12	11	0	0	0	3	9	11	6	2	0	500
400	23,561	-23.8				19.7	-21.4	-22.2	-17.1	-24.8	7	15	9	0	0	0	2	12	11	0	0	0	2	11	10	1	0	0	3	9	8	7	2	2	400
300	30,049	*				-46.9	-48.0	-49.1	-43.5	-52.4	6	15	8	1	0	0	2	9	11	1	0	0	3	7	11	2	0	0	8	7	5	2	3	0	300
200	38,640					-71.5	-72.8	-71.1	-74.7	-72.1	8	11	8	2	0	0	3	8	6	1	0	0	3	10	5	2	0	0	4	6	4	6	1	0	200

SUNSHINE, RAINFALL, AND HUMIDITY

OCTOBER 1947

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.	3-5-6h.	6-1-9h.	Above 9h.	Hours.	Date.	Hours.	Hours.	Hours.	Hours.	First year of record.	Highest.	Year.	Lowest.	Year.	0, trace or 0.1 mm.	0.2-1 mm.	1.1-5 mm.	5.1-15 mm.	15.1-25 mm.	Above 25 mm.	mm.	Date.	mm.	mm.	mm.	mm.			mm.	mm.	mm.	First year of record.	Highest.	Year.	Lowest.	Year.
1	London (Kew Obsy.)	3	15	9	4	0	8-7	4	1370	-99	92	-4	1880	153	1921	50	1894	28	2	1	0	0	0	3	22	571	-35	4	-65	1830	156	1863	4	1947	0	0			
1	Croydon	4	12	4	10	1	9-1	3	1627	+102	123	+19	1922	184	1921	68	1944	27	3	0	1	0	0	5	22	618	-61	7	-69	1921	154	1939	7	1947	0	0			
1	Calshot **	2	11	6	8	4	10-4	3	1767	+21	139	+20	1881	178	1921	88	1924	27	1	0	3	0	0	15	22	688	+42	28	-66	1871	166	1932	12	1919	0	0			
1	Lympne	3	6	8	8	6	10-4	{3 4	1875	+110	162	+43	1921	184	1921	76	1934	29	0	1	0	1	0	15	22	609	-115	17	-82	1920	276	1939	7	1921	1	0			
2	Shoeburyness	4	12	8	4	3	10-0	4	1636	-20	115	-8	1919	191	1920	77	1934	29	0	1	1	0	0	7	22	521	+18	8	-52	1920	173	1939	8	1947	5	0			
2	Corlestone	4	7	8	9	3	10-0	{3 5	1843	+200	142	+27	1908	183	1920	71	1932	27	2	2	0	0	0	3	14	455	-167	7	-67	1871	219	1892	7	{1920 1947	0	0			
2	Waddington ‡	7	11	4	7	2	10-1	3	1852	+14	104	-10	1921	160	1931	72	1946	25	4	2	0	0	0	3	28	520	-70	6	-67	1917	114	1924	6	1947	0	0			
3	Birmingham (Edgbaston)	7	12	5	6	1	9-3	5	1180	-124	96	+5	1887	149	1921	27	1894	23	4	4	0	0	0	3	22	942	+268	10	-61	1893	166	1903	10	1947	0	0			
4	Ross-on-Wye	2	17	5	6	1	10-3	3	1392	-93	97	-2	1915	156	1919	37	1915	23	6	2	0	0	0	4	21	889	+172	10	-74	1839	216	1907	10	1947	0	0			
5	Falmouth (Observatory)	3	12	7	5	4	9-4	2	1557	-153	127	+14	1881	159	1919	61	1946	24	1	3	1	1	1	30	22	1182	+75	63	-63	1871	274	1924	18	1931	0	0			
7	Holyhead (Valley)	4	11	5	9	2	10-2	2	1537	-13	130	+33	1914	128	{1922 1931	61	1916	25	3	3	0	0	0	3	9	977	+90	9	-92	1871	265	1872	9	1947	0	0			
8	Hawarden P	4	11	7	8	0	9-0	3	1381	+5	105	+14	1923	127	1931	68	1940	21	5	4	1	0	0	7	17	698	+60	17	-57	1922	121	1932	11	1922	0	0			
10	Tynemouth	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	23	6	2	0	0	0	2	24	650	+29	8	-68	1915	144	1939	8	1947	0	0			
11	Leuchers	17	3	4	5	2	10-2	4	1386	-84	83	-23	1922	139	1926	63	1940	18	5	5	3	0	0	8	22	801	+148	36	-30	1922	158	1932	15	1946	0	0			
12	Renfrew	10	13	6	2	0	8-8	4	1071	-122	55	-23	1921	102	1923	30	1940	18	4	7	1	0	1	28	12	1114	+175	55	-82	1921	211	1935	20	1946	0	0			
12	Eskdalemuir	14	9	4	3	1	9-4	4	1096	-105	56	-27	1910	119	1931	48	1940	12	9	8	2	0	0	7	31	1520	+91	39	-98	1910	300	1928	22	1946	0	0			
13B	Stornoway	5	12	5	9	0	8-5	22	1302	+87	103	+26	1881	135	1898	34	1921	14	2	9	5	1	0	15	31	961	-240	78	-47	1870	259	1874	19	1946	0	0			
15	Aberdeen	11	8	8	2	2	9-2	{4 5	1339	+10	80	-14	1881	139	1923	47	1886	15	7	7	1	1	0	17	22	761	+13	51	-25	1871	169	1932	14	1946	0	0			
18	Aldergrove	9	9	8	5	0	9-0	2	1283	-43	85	0	1927	117	1939	50	1946	18	6	5	1	1	0	19	12	873	+35	47	-29	1920	146	1938	16	1946	0	0			
19	Birr Castle	8	11	7	5	0	8-3	4	1109	-197	85	-5	1881	138	1899	44	1946	18	5	3	3	0	2	31	21	1076	+249	26	+22	1861	185	{1870 1938	16	1869	0	0			
20	Valentia (Cabirciveen)	9	7	8	3	4	9-7	{3 4	1342	-26	97	+7	1880	166	1880	50	1916	15	5	4	5	2	0	17	{12 31	1526	+112	89	-53	1866	272	1916	51	1905	0	0			

MINIMUM SURFACE HUMIDITY.

No. of Days (MDT. to MDT.) with Minima between Fixed Limits

STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew)	0	0	0	6	11	8	6	0	0	0
Ross-on-Wye	0	1	3	8	9	6	4	0	0	0
Falmouth (Obsy.)	0	1	8	16	5	0	1	0	0	0
Renfrew	0	1	9	11	8	2	0	0	0	0
Eskdalemuir	0	2	10	8	8	3	0	0	0	0
Aberdeen	0	0	1	8	13	5	4	0	0	0
Valentia	1	2	10	9	7	1	1	0	0	0

STATE OF GROUND AT 21 h.

No. of Days Each Type was Recorded

STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)	18	13	0	0	0	0	0	0	0	0	0 Dry.
Ross-on-Wye	23	8	0	0	0	0	0	0	0	0	1 Wet.
Renfrew	21	10	0	0	0	0	0	0	0	0	2 Flooded.
Eskdalemuir	0	31	0	0	0	0	0	0	0	0	3 Frozen hard and dry
Aberdeen	3	28	0	0	0	0	0	0	0	0	4 Partly covered with snow or hail.
Valentia (at 18h.)	6	25	0	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 ins. deep.

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

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

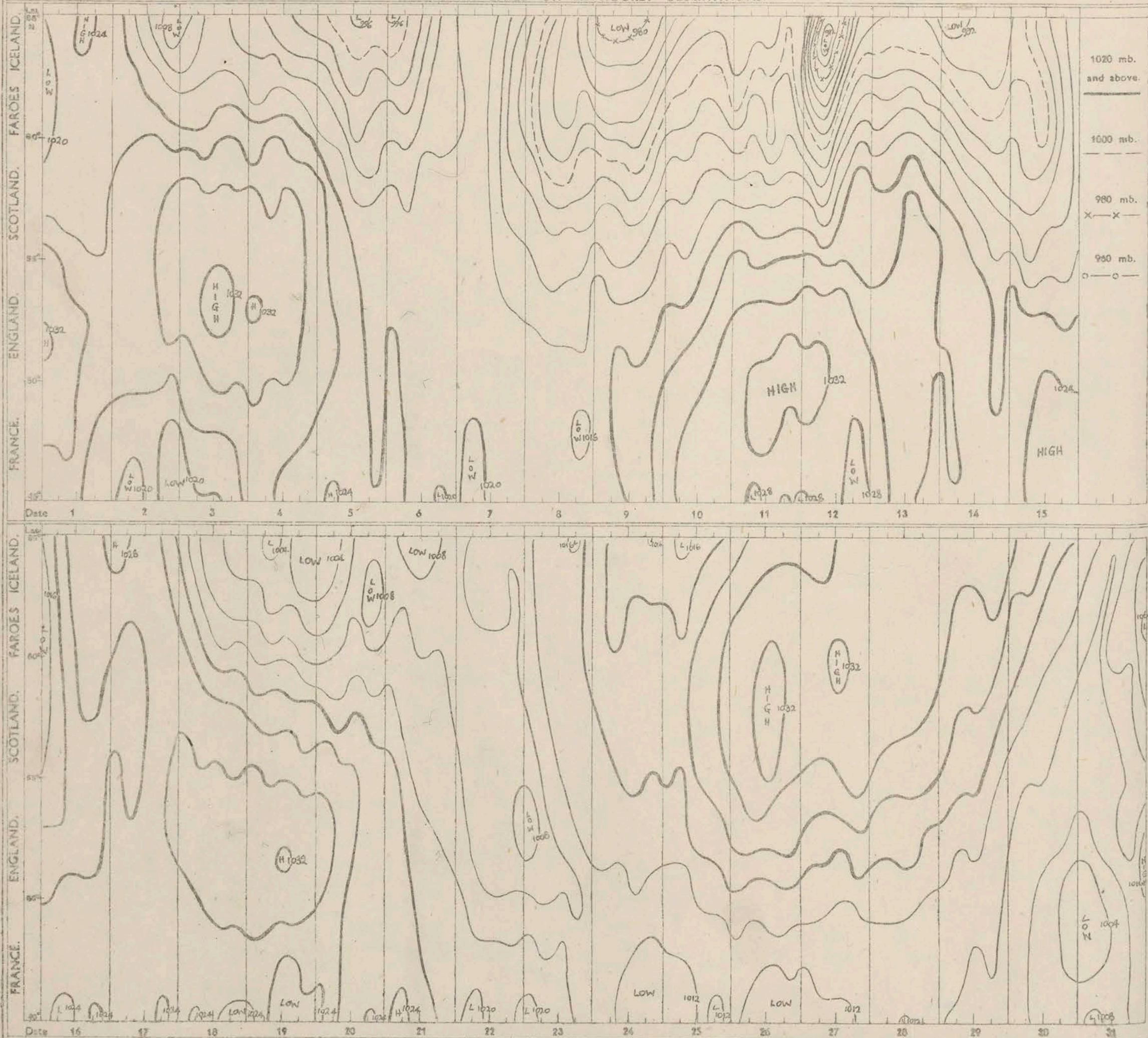
Averages and extreme values are those for Cranwell about 11 miles south of Waddington.

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

PRESSURE: ICELAND TO GULF OF LIONS

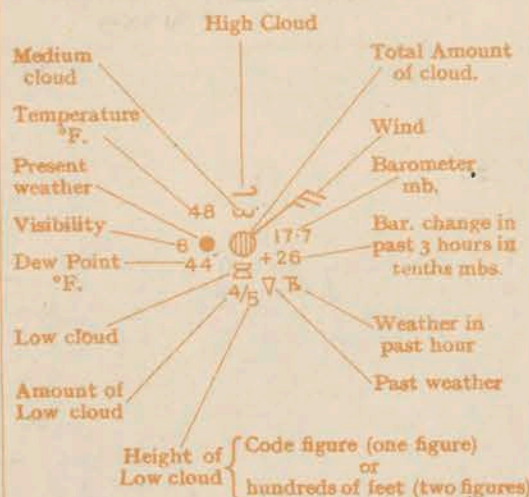
OCTOBER, 1947

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 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. 56° N., Long. 18° W. in the north; at Lat. 44½° N., Long. 4° E. in the south.

STATION MODEL



Scale 1 : 5,000,000

6h Wednesday 1st October 1947

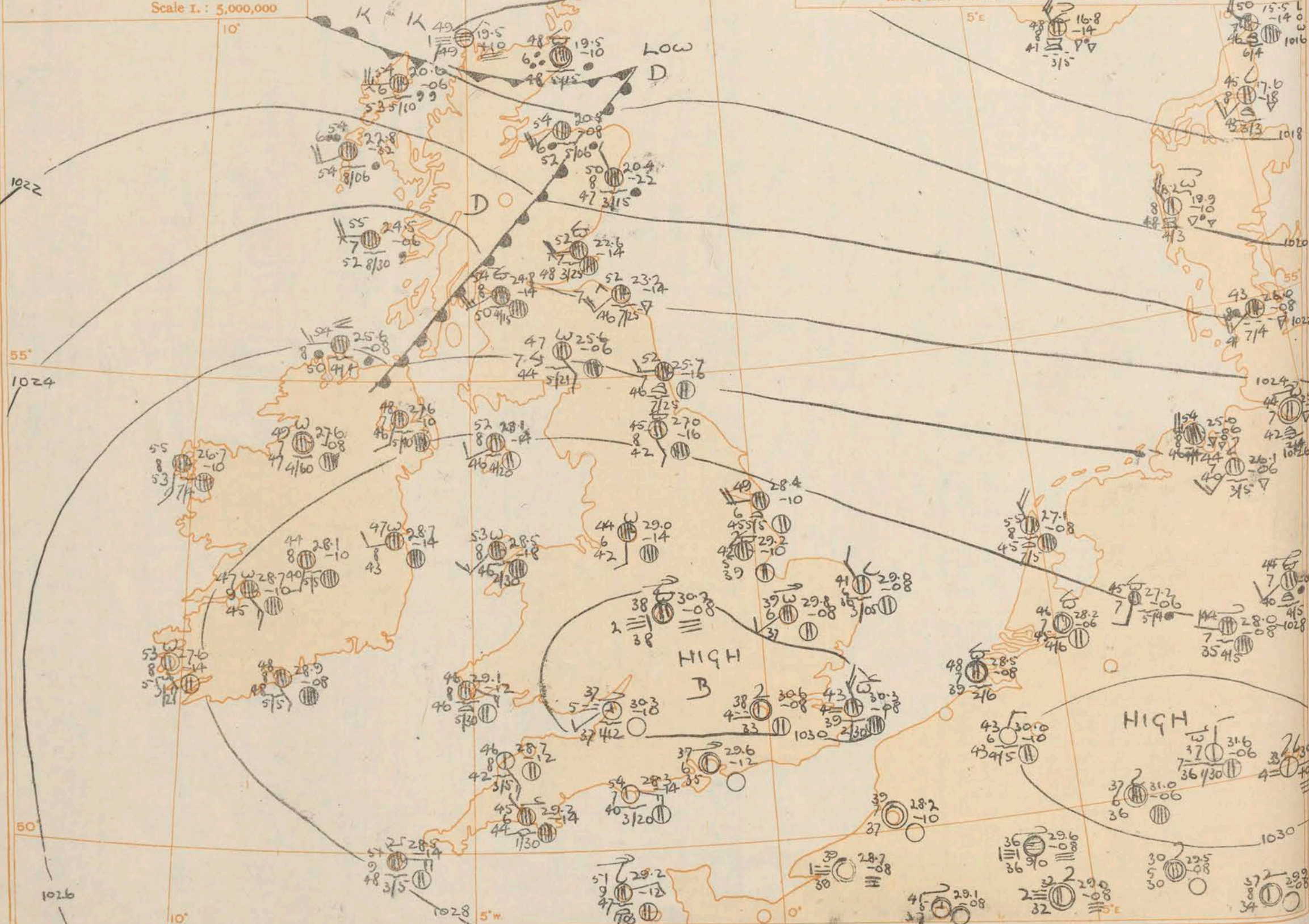
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		1st %	2nd %
Kew ...	bcmobz	bbc20	bcbm	58	39	28	-	-	9.7	40	80
Croydon ...	bmbzoy	b2y	b2bmf	59	37	32	-	-	8.1	40	80
Greenwich ...	by	b2oy	bfx	59	36	25	-	-	8.7	40	70
Westminster	.	.	.	60	41	38	-	-	.	89	80
Regent's Park	.	.	.	60	40	32	-	-	.	38	66
Camden Square	b	b	.	61	41	33	-	-	.	.	74
Kensington ...	b	bbc	.	61	40	33	-	-	.	62	69
Hampstead ...	bc	bc	bc	59	42	25	-	-	.	.	57

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



An area of south-east is moving over times in period in with ground and change

110°

1016

1018

1020

1022

1024

1026

1028

1030

1032

1034

1036

1038

1040

1042

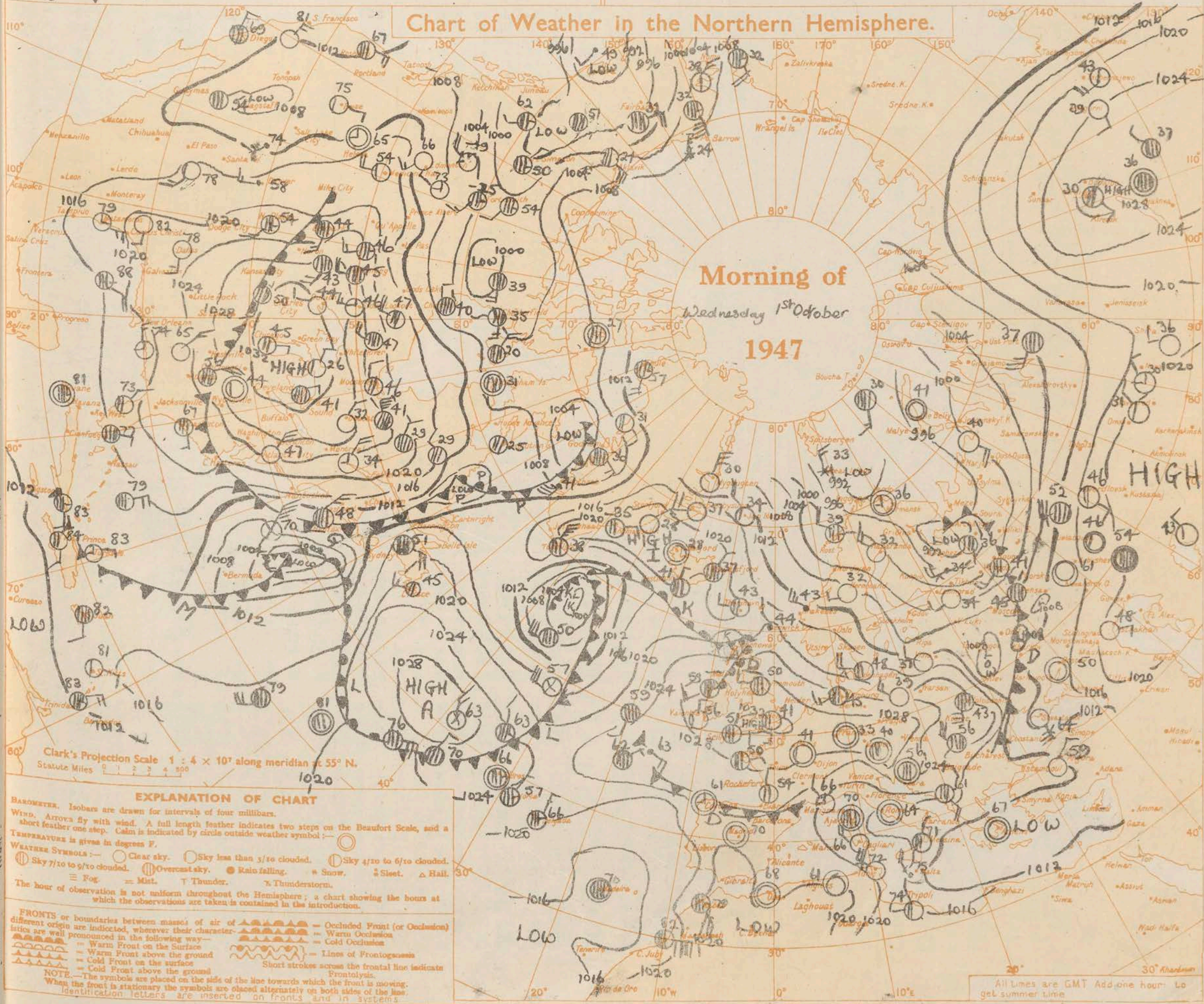
GENERAL INFERENCE

An area of high pressure extends from South Britain southwards to the Balkans and a shallow trough of low pressure is moving southeast through Scotland. Weather will be fair or fine over most of England and Wales but with considerable cloud at times in the North and East. It will be rather warm for a short period in the afternoon but temperatures will fall again tonight with ground frost in many districts. It will be fair in Northern Ireland but in Scotland it will be mainly cloudy with occasional rain or drizzle particularly in the West and North where there will be little change of temperature.

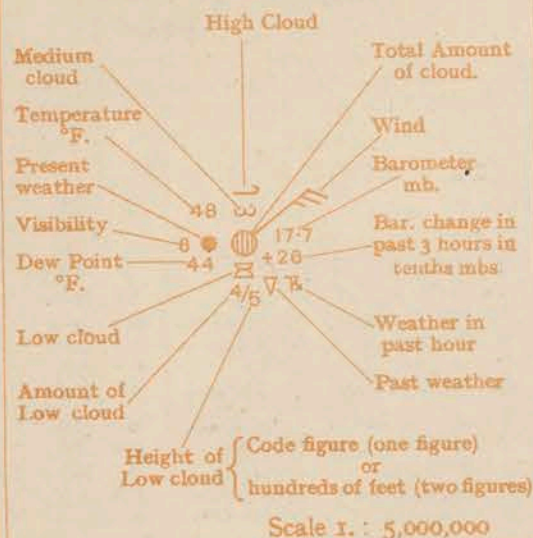
FURTHER OUTLOOK

Mainly fair in most districts but some slight rain or drizzle in the extreme north west.

Chart of Weather in the Northern Hemisphere.



STATION MODEL

HIGH
J

6h

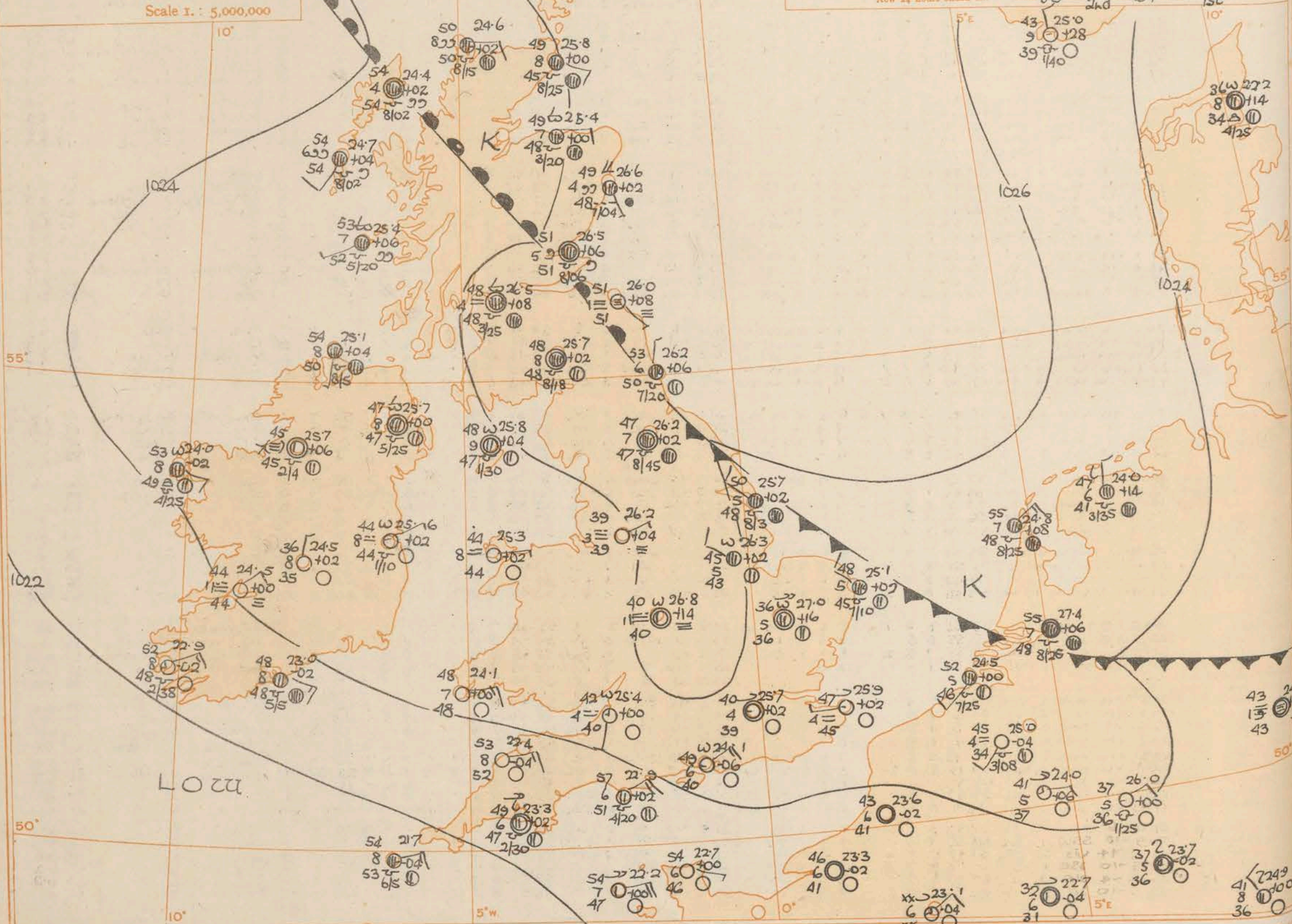
Thursday 2nd October

1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
				Day Max.	Night Min.	Min. on grass	Day	Night		Yestday	To-day
Kew ...	cmrmo	bybc20	bfuc	61	41	32	-	-	8.3		
Croydon ...	bfmhc	bcy20	bzwfg	62	40	36	-	-	7.9	65	85
Greenwich ...	bcb	bcb20	bcbfm	63	40	29	-	-	6.7	71	71
Westminster				62	44	33	-	-		66	85
Regents Park				62	44	35	-	-		41	69
Camden Square	b	b		63	44	36	-	-			81
Kensington ...	bcb	b		65	44	37	-	-		81	75
Hampstead ...	bc	bc	bc	63	47	29	-	-			69

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0.3 Time 0.4 Min. 0.1 Time 10.20h 1st

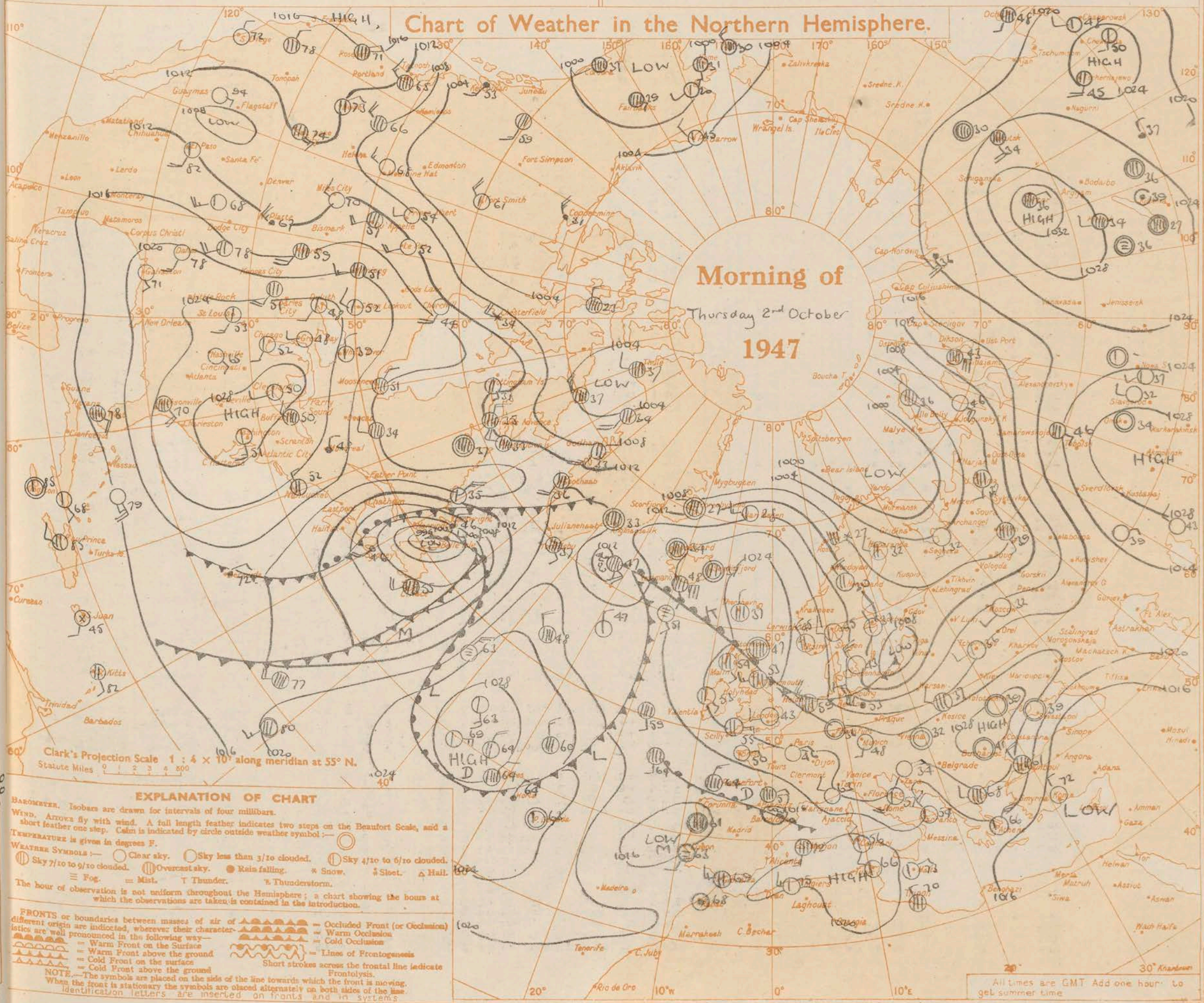
GENERAL INFERENCE

Pressure is high over the British Isles and North Sea and low over South France. It will be fair or fine at first over many districts of England and Wales but cloudy conditions with some very occasional slight drizzle in Eastern districts will spread westwards over the Midlands during the day. It will be dull with occasional drizzle and local fog in North and East Scotland but elsewhere in Scotland it will be mainly fair. It will be rather cold in most places tonight.

FURTHER OUTLOOK

Fair in most districts.

Chart of Weather in the Northern Hemisphere.



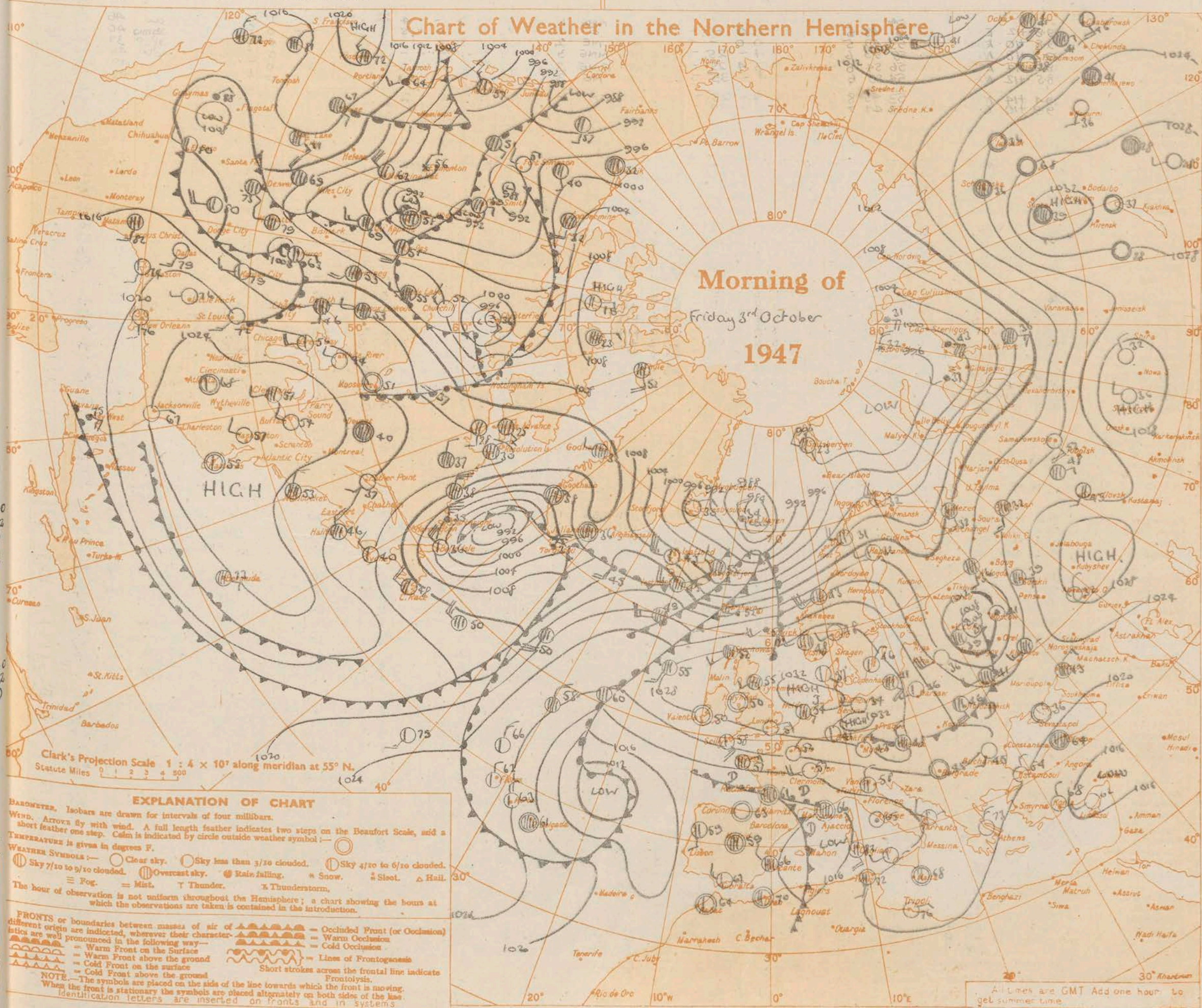
GENERAL INFERENCE
An anticyclone centred over Germany is drifting Southeast while a marked ridge extends northeastwards across the British Isles, a deep depression is moving quietly Southeast into northern Scandinavia. It will be fine over England, Wales, and Northern Ireland apart from local mist or fog patches at first tomorrow morning. It will be rather warm this afternoon but will be rather cold tonight with local ground frost and perhaps some slight air frost except in extreme Southern England, early tomorrow. In Scotland it will be fair in the South and will be rather warm this afternoon but rather cold tonight with some local slight ground frost in the East. In North Scotland it will be mainly cloudy with some local slight rain or drizzle later in the North and there will be little change of temperature.

FURTHER OUTLOOK
Little general change over the weekend.

Warnings of Southerly gales are in operation in land areas North of a line from Redh Ke to Dornoch Firth.

Chart of Weather in the Northern Hemisphere

Morning of
Friday 3rd October
1947



BRITISH
SECTION

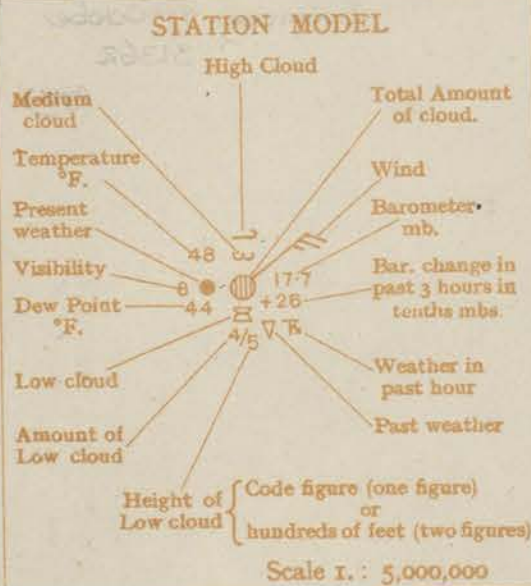
THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 3rd October 1947

No. 31361

[illegible]

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



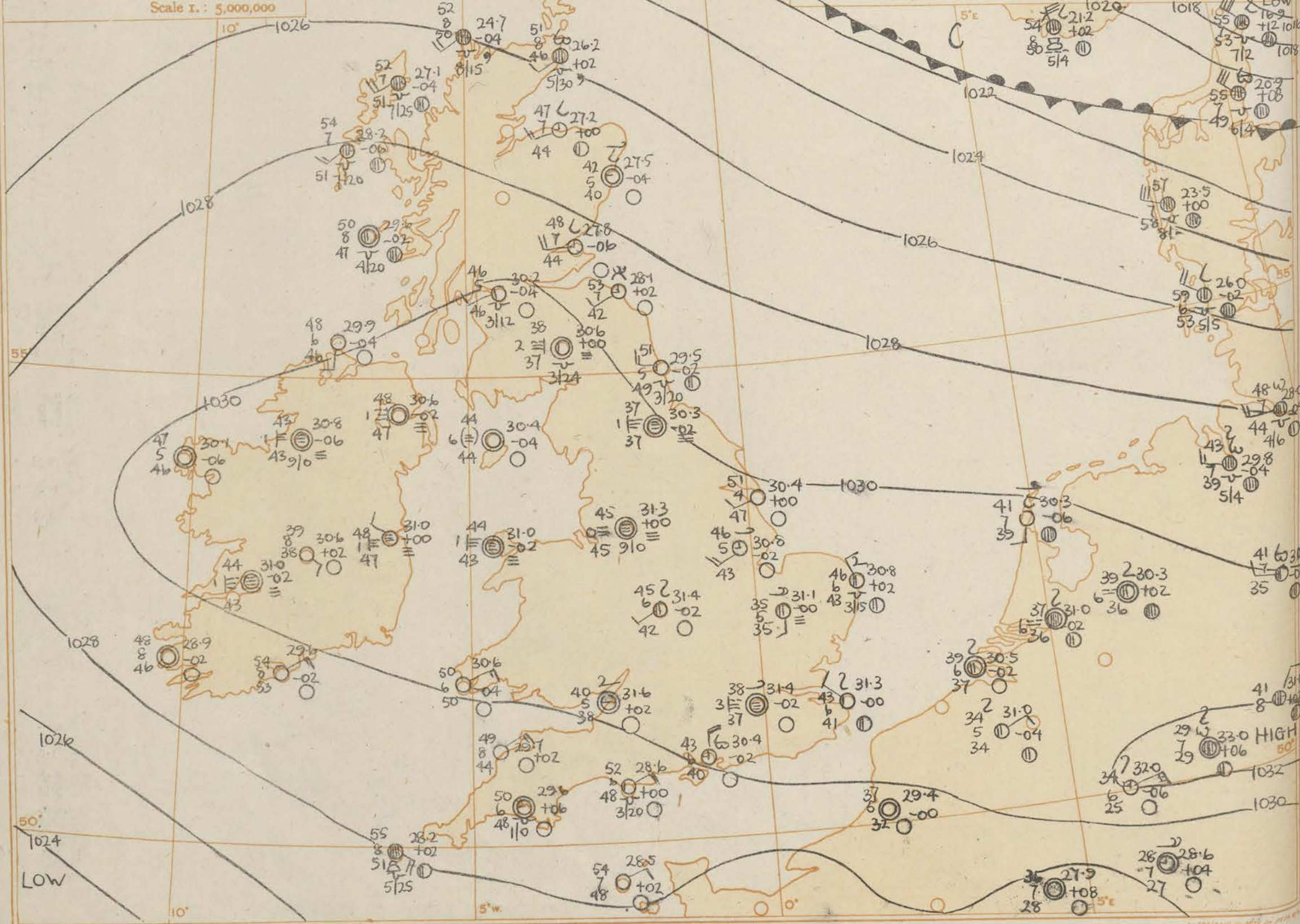
6h Saturday 4th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	bcbm,wb	bybm.	bzombf	62	39	27	-	11	8.3	45	85
Croydon ...	bm,wb	bybyzo	bzowf	61	37	32	-	11	9.1	44	87
Greenwich ...	by	by	bxf	62	38	24	-	-	9.5	44	87
Westminster	.	.	.	62	43	36	-	-	9.0	40	77
Regents Park	.	.	.	64	42	36	-	-	58	84	71
Camden Square	b	b	.	66	42	33	-	-	58	84	71
Kensington ...	b	b	.	64	42	34	-	-	58	84	71
Hampstead ...	b	b	b	61	47	29	-	-	58	84	71

Atmospheric Pollution Milligrams of solid (excluding water) per cubic meter
Kew 24 hours ended 6h. Max. Time 4h Min. Time 0.1



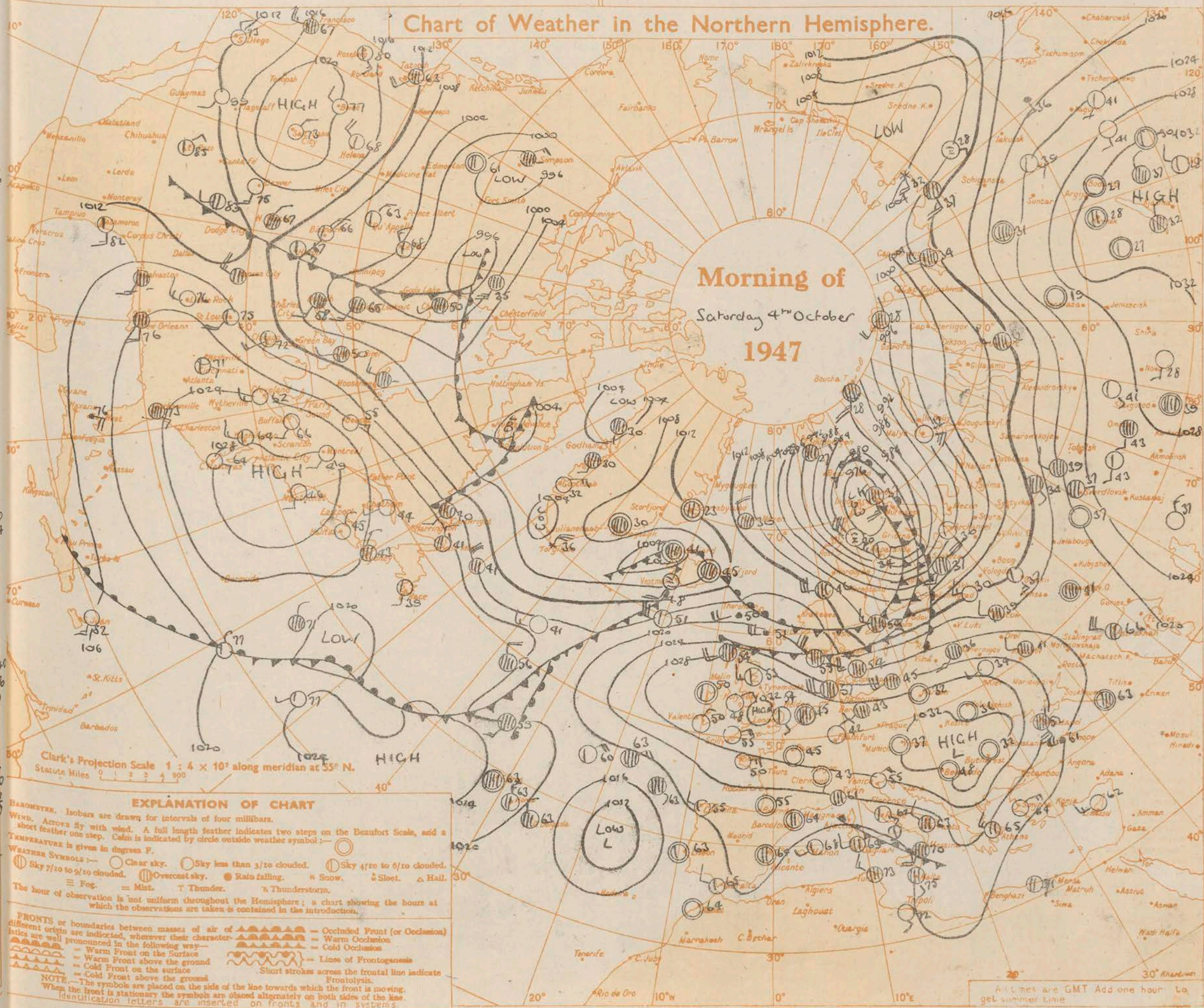
GENERAL INFERENCE
A ridge of high pressure extending across England and Ireland from an anticyclone centred over Southeast Europe will maintain fine weather in most districts though there will be early morning fog in many places. It will be rather warm in the afternoon but cold at night with ground frost in many places.
In North Scotland the weather will continue cloudy with occasional slight rain or drizzle.

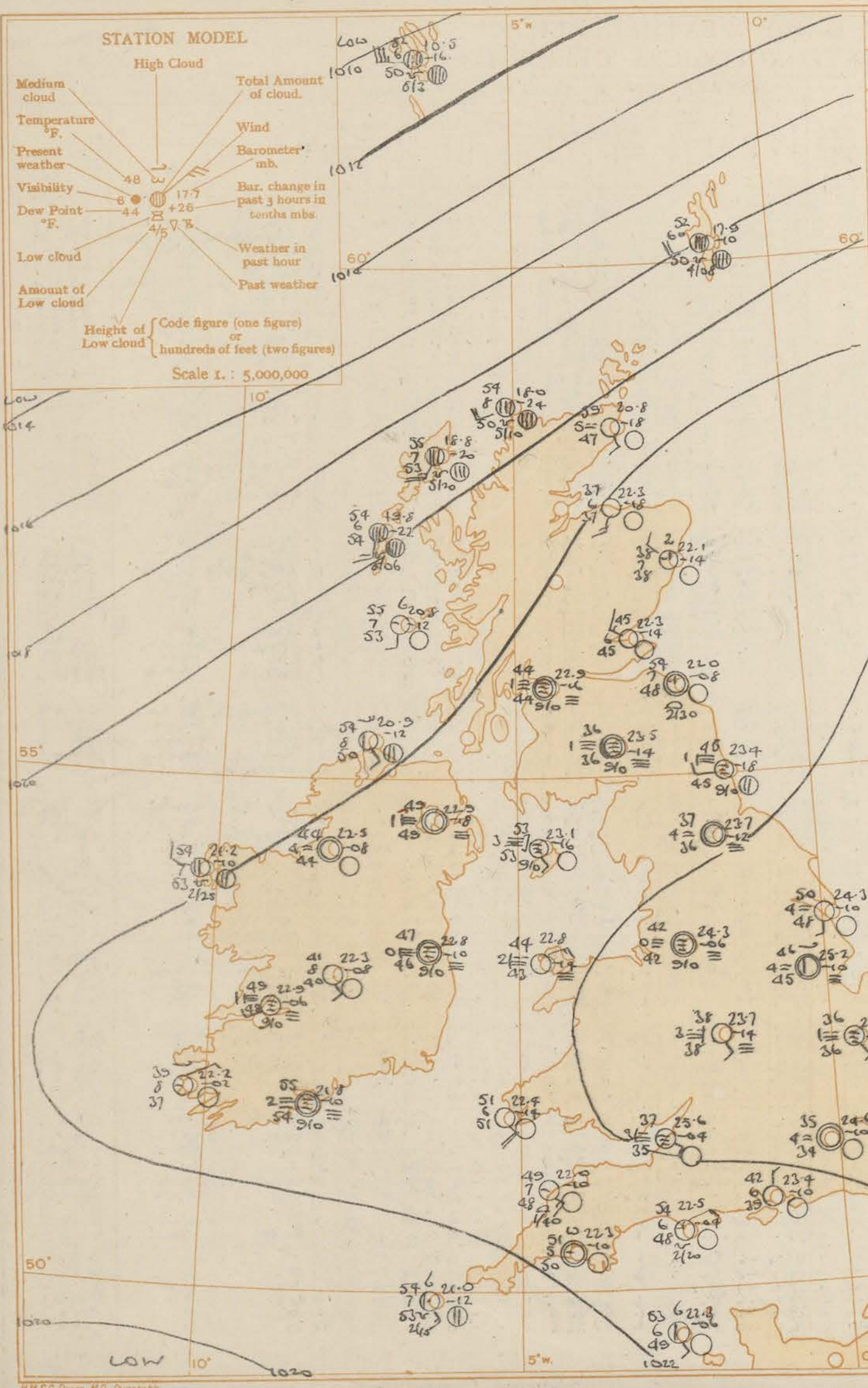
Little change.

FURTHER OUTLOOK

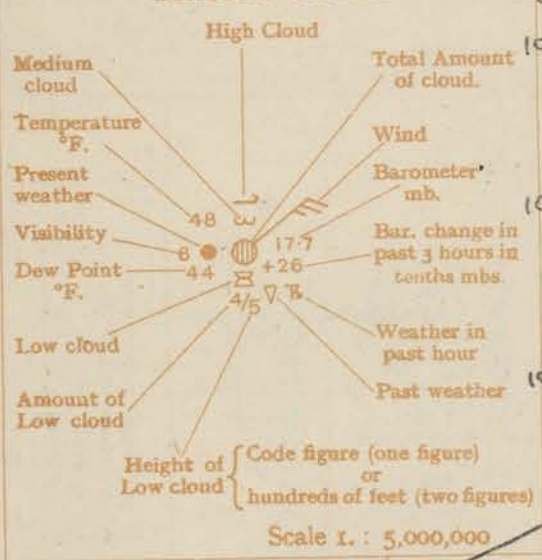
Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 4th October
1947





STATION MODEL



6h Sunday 5th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	bfn2s	bryb2m	baf2c	65	39	29	-	0	87	40	100
Croydon ...	bmozay	bryb2m	baf2c	66	33	25	-	0	85	40	100
Greenwich ...	bvby	bj	baf2c	67	43	24	-	0	88	48	98
Westminster	.	.	.	68	44	38	-	0	.	61	97
Regents Park	.	.	.	.	.	.	-	0	.	.	98
Camden Square	bc	bc	.	68	43	35	-	0	.	87	95
Kensington ...	b	b	.	68	42	33	-	0	.	87	95
Hampstead ...	bc	bc	bcm	66	47	27	-	0	.	.	79

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 6.3 Time 7.15hrs. Min. 0.1 Time 16.17hrs. 4th

A ridge southe though develop frost with a will de will en be clo north during

Clark's P
Statute Mile

BAROMETER. Isobars
Wind. Arrows by
short feather one
TEMPERATURE is gi
WEATHER SYMBOLS
Day 7/10 to 9/10
The hour of obser

FRONTS or bou
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low are well pro
NOTE - T
When the
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GENERAL INFERENCE

A ridge of high pressure over the country is weakening and receding southeast but will maintain mainly fine weather over most areas though there will be persistent fog in densely populated areas. Fog will develop fairly generally inland overnight and there will also be some ground frost. Tomorrow morning it will become cloudy in southwest England with a chance of local rain later. A secondary depression south of Iceland will deepen and move towards northern Norway and an associated cold front will enter Scotland from the north tonight. Over the North of Scotland it will be cloudy and a belt of slight rain or drizzle will spread slowly across the north into southern districts of Scotland and the north coast of Ireland during tonight and tomorrow.

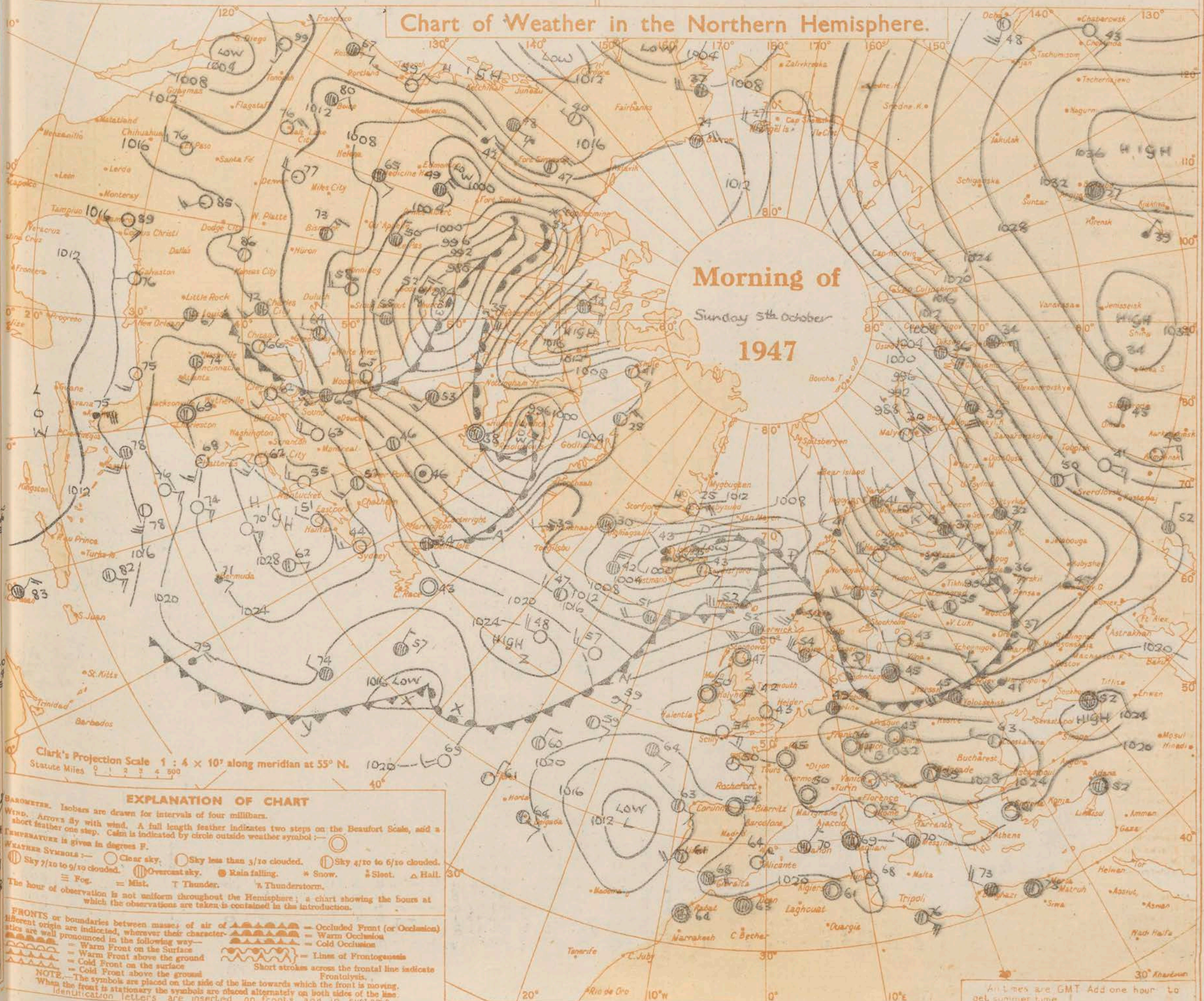
FURTHER OUTLOOK

Tendency to less settled conditions.

Gale warning 1000 G.M.T.
South cones are flying on north west and north coasts of Scotland between Mallaig and Dornoch Firth including Orkneys and Shetlands.

Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 5th October
1947



Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

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

All times are GMT. Add one hour to get summer time.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

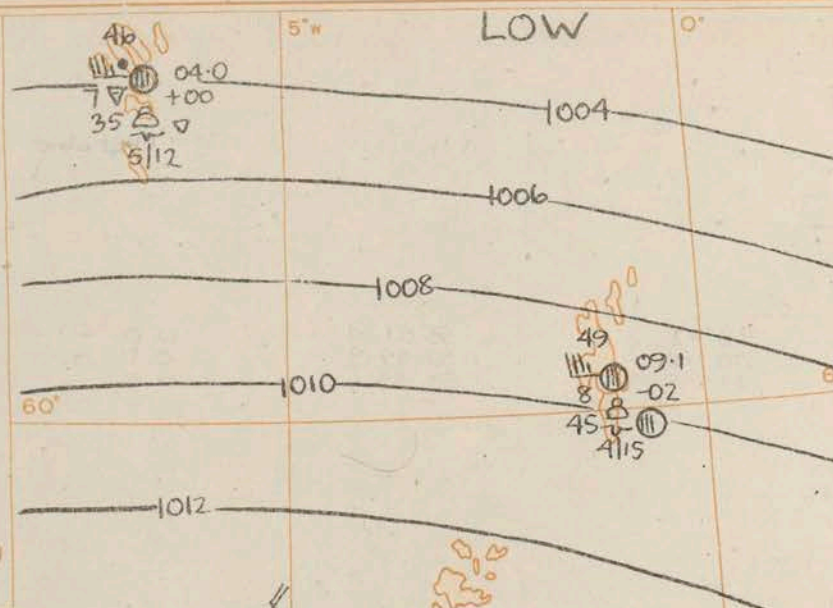
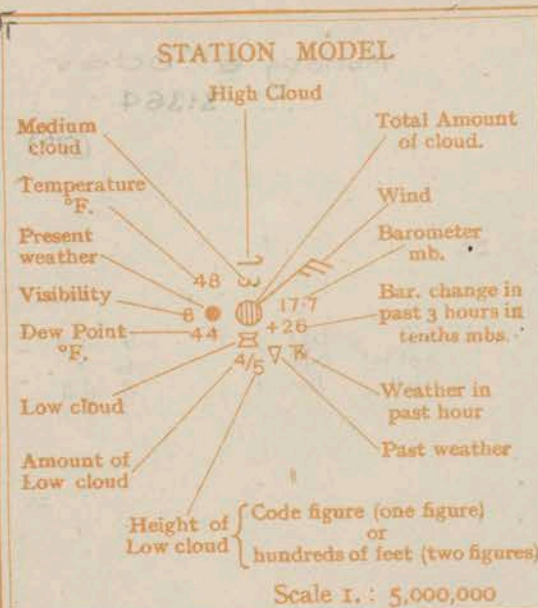
Sunday 5th October 1047

No. 31363

[illegible]

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

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

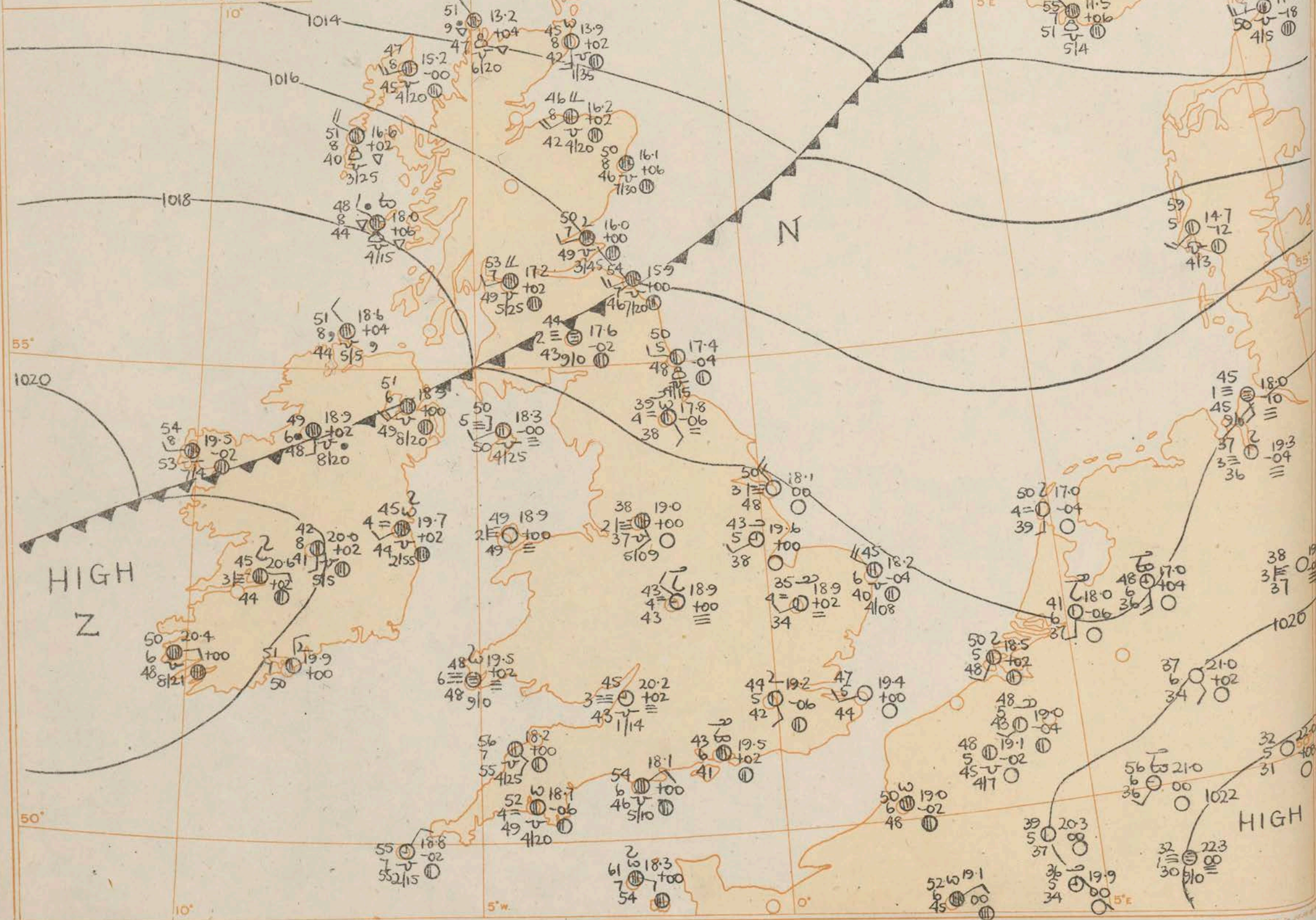


6h Monday 6th October 1947

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Max.	Min.	Min. on grass	Day	Night	hrs.	Yest.	To-day
				°F.	°F.	°F.	mm.	mm.		%	%
Kew ...	ofebf	bj2.ymwbnffw		65	40	31	-	TR	5.5		
Croydon ...	bmwFbF	bfbfg	b2bcm	66	48	36	-	-	x	59	74
Greenwich ...	Febf	bmj	fbmw	68	41	28	-	-	4.3	59	81
Westminster	.	.	.	62	43	37	-	-	.	85	83
Regents Park	.	.	.	65	44	38	-	-	.	73	86
Camden Square	of	b	.	62	44	36	-	-	.	.	90
Kensington ...	bc	bc	.	65	43	35	-	-	.	94	89
Hampstead ...	bcm	bcm	bcm	66	45	29	-	-	.	.	69

Atmospheric Pollution Milligrams of solid impurities per cubic metre.
Kew 24 hours ended 6h. Max. Time 5h Min. Time 15/18h 5m



47
8
humidity
sh
%
To-day
74
81
83
86
90
89
69
11-2
-18
93
94
8
7
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GENERAL INFERENCE

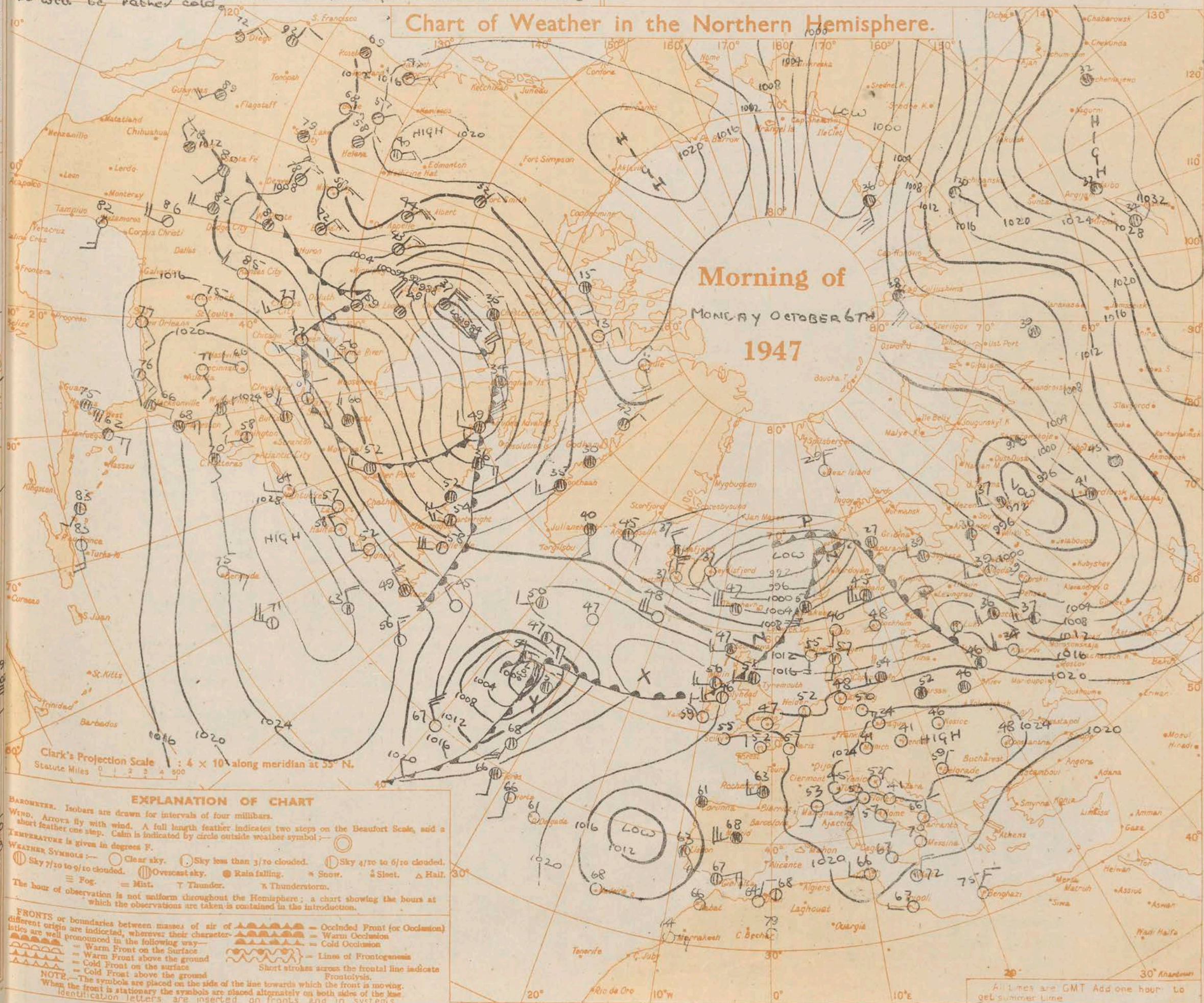
A ridge of high pressure covers England and Wales while a weak trough of low pressure is moving slowly south across Northern Ireland and South Scotland. A more vigorous trough will reach North western districts from the Atlantic tomorrow morning. Weather will continue fine over most of England and Wales apart from local fog night and morning. It will be warm in the afternoon and rather cold at night with local ground frost. Fair weather will predominate in extreme North England, South Scotland and Northern Ireland but there will be occasional rain locally. There will be long fair periods and local showers today over the rest of Scotland, while rain will spread from the west tomorrow. It will be rather cold.

FURTHER OUTLOOK

Unsettled in Scotland and Ireland with occasional rain. Continuing mainly fair or fine in England and Wales though north western districts may get some rain.

Chart of Weather in the Northern Hemisphere.

Morning of
MONDAY OCTOBER 6TH
1947



BRITISH
SECTION

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 7th October 1947
No. 31365

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

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

OBSERVATIONS during DAY (6th)

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility (8)	Cloud.						Barom. at M.S.L. (12)	Change in 3 hours. (13)	Wind.		Weather.	Temp. (°F) (20)	Dew Point (°F) (21)	Visibility (22)	Cloud.						Barom. at M.S.L. (27)	Change in 3 hours. (28)	Wind.		Weather.	Temp. (°F) (36)	Dew Point (°F) (37)	Visibility (38)	Cloud.						Barom. at M.S.L. (43)	Change in 3 hours. (44)	Wind.		Weather.	Temp. (°F) (52)	Dew Point (°F) (53)	Visibility (54)	Cloud.						Barom. at M.S.L. (59)	Change in 3 hours. (60)	Wind.		Weather.	Temp. (°F) (68)	Dew Point (°F) (69)	Visibility (70)	Cloud.						Barom. at M.S.L. (75)	Change in 3 hours. (76)	Wind.		Weather.	Temp. (°F) (84)	Dew Point (°F) (85)	Visibility (86)	Cloud.						Barom. at M.S.L. (81)	Change in 3 hours. (82)	Wind.		Weather.	Temp. (°F) (90)	Dew Point (°F) (91)	Visibility (92)	Cloud.						Barom. at M.S.L. (87)	Change in 3 hours. (88)	Wind.		Weather.	Temp. (°F) (96)	Dew Point (°F) (97)	Visibility (98)	Cloud.						Barom. at M.S.L. (93)	Change in 3 hours. (94)	Wind.		Weather.	Temp. (°F) (102)	Dew Point (°F) (103)	Visibility (104)	Cloud.						Barom. at M.S.L. (99)	Change in 3 hours. (100)	Wind.		Weather.	Temp. (°F) (108)	Dew Point (°F) (109)	Visibility (110)	Cloud.						Barom. at M.S.L. (105)	Change in 3 hours. (106)	Wind.		Weather.	Temp. (°F) (114)	Dew Point (°F) (115)	Visibility (116)	Cloud.						Barom. at M.S.L. (111)	Change in 3 hours. (112)	Wind.		Weather.	Temp. (°F) (120)	Dew Point (°F) (121)	Visibility (122)	Cloud.						Barom. at M.S.L. (117)	Change in 3 hours. (118)	Wind.		Weather.	Temp. (°F) (126)	Dew Point (°F) (127)	Visibility (128)	Cloud.						Barom. at M.S.L. (123)	Change in 3 hours. (124)	Wind.		Weather.	Temp. (°F) (132)	Dew Point (°F) (133)	Visibility (134)	Cloud.						Barom. at M.S.L. (129)	Change in 3 hours. (130)	Wind.		Weather.	Temp. (°F) (138)	Dew Point (°F) (139)	Visibility (140)	Cloud.						Barom. at M.S.L. (135)	Change in 3 hours. (136)	Wind.		Weather.	Temp. (°F) (144)	Dew Point (°F) (145)	Visibility (146)	Cloud.						Barom. at M.S.L. (141)	Change in 3 hours. (142)	Wind.		Weather.	Temp. (°F) (150)	Dew Point (°F) (151)	Visibility (152)	Cloud.						Barom. at M.S.L. (147)	Change in 3 hours. (148)	Wind.		Weather.	Temp. (°F) (156)	Dew Point (°F) (157)	Visibility (158)	Cloud.						Barom. at M.S.L. (153)	Change in 3 hours. (154)	Wind.		Weather.	Temp. (°F) (162)	Dew Point (°F) (163)	Visibility (164)	Cloud.						Barom. at M.S.L. (159)	Change in 3 hours. (160)	Wind.		Weather.	Temp. (°F) (168)	Dew Point (°F) (169)	Visibility (170)	Cloud.						Barom. at M.S.L. (165)	Change in 3 hours. (166)	Wind.		Weather.	Temp. (°F) (174)	Dew Point (°F) (175)	Visibility (176)	Cloud.						Barom. at M.S.L. (171)	Change in 3 hours. (172)	Wind.		Weather.	Temp. (°F) (180)	Dew Point (°F) (181)	Visibility (182)	Cloud.						Barom. at M.S.L. (177)	Change in 3 hours. (178)	Wind.		Weather.	Temp. (°F) (186)	Dew Point (°F) (187)	Visibility (188)	Cloud.						Barom. at M.S.L. (183)	Change in 3 hours. (184)	Wind.		Weather.	Temp. (°F) (192)	Dew Point (°F) (193)	Visibility (194)	Cloud.						Barom. at M.S.L. (189)	Change in 3 hours. (190)	Wind.		Weather.	Temp. (°F) (198)	Dew Point (°F) (199)	Visibility (200)	Cloud.						Barom. at M.S.L. (195)	Change in 3 hours. (196)	Wind.		Weather.	Temp. (°F) (204)	Dew Point (°F) (205)	Visibility (206)	Cloud.						Barom. at M.S.L. (201)	Change in 3 hours. (202)	Wind.		Weather.	Temp. (°F) (210)	Dew Point (°F) (211)	Visibility (212)	Cloud.						Barom. at M.S.L. (207)	Change in 3 hours. (208)	Wind.		Weather.	Temp. (°F) (216)	Dew Point (°F) (217)	Visibility (218)	Cloud.						Barom. at M.S.L. (213)	Change in 3 hours. (214)	Wind.		Weather.	Temp. (°F) (222)	Dew Point (°F) (223)	Visibility
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0 - Nil. CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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

8 = Completely covered.

9 = Sky obscured by fog, etc.

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

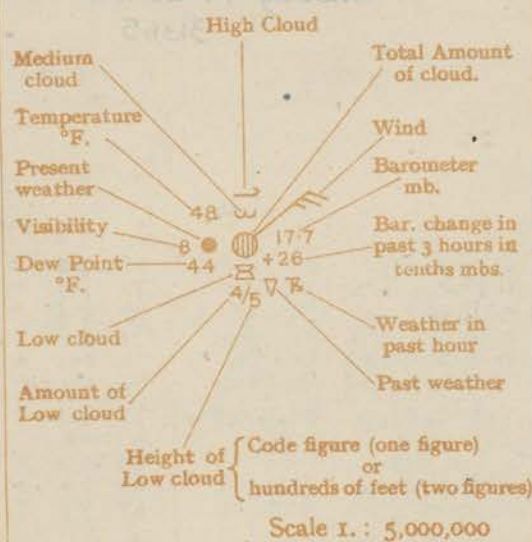
A = Lowest cloud present.

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

* Information not usually received.

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

STATION MODEL

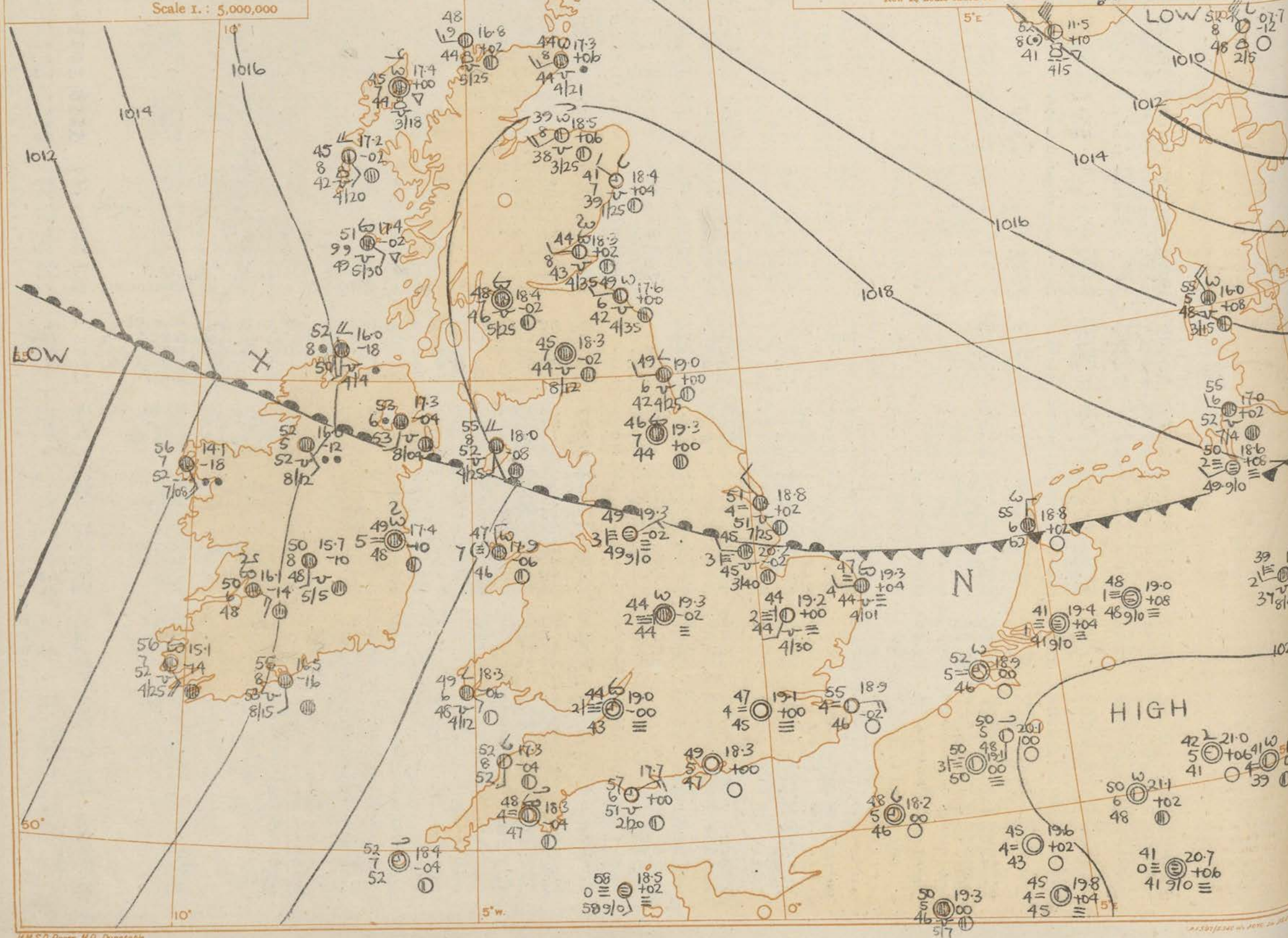


6th Tuesday 7th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	bfinwzy	bcybmo	bmbcf	68	48	37	-	TR	7.8	44	80
Croydon ...	bombzoy	bzoy	bfgmbf	71	45	39	-	-	7.5	44	78
Greenwich ...	bcbzoy	bzoy	befbmf	71	48	35	-	-	7.4	46	78
Westminster	.	.	.	70	51	44	-	-	49	72	73
Regents Park	.	.	.	71	50	44	-	-	44	76	76
Camden Square	o	b	.	71	51	43	-	-	93	82	82
Kensington ...	bbc	bcz	.	72	49	42	-	-	69	69	69
Hampstead ...	bc	bc	bc	70	51	35	-	-			

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0.3 Time 7.15h Min. 0.1 Time 10.21h 6th

47
8
humidity
9h
To-day
80
78
72
73
76
82
69
6h
01.7
-12
0

GENERAL INFERENCE

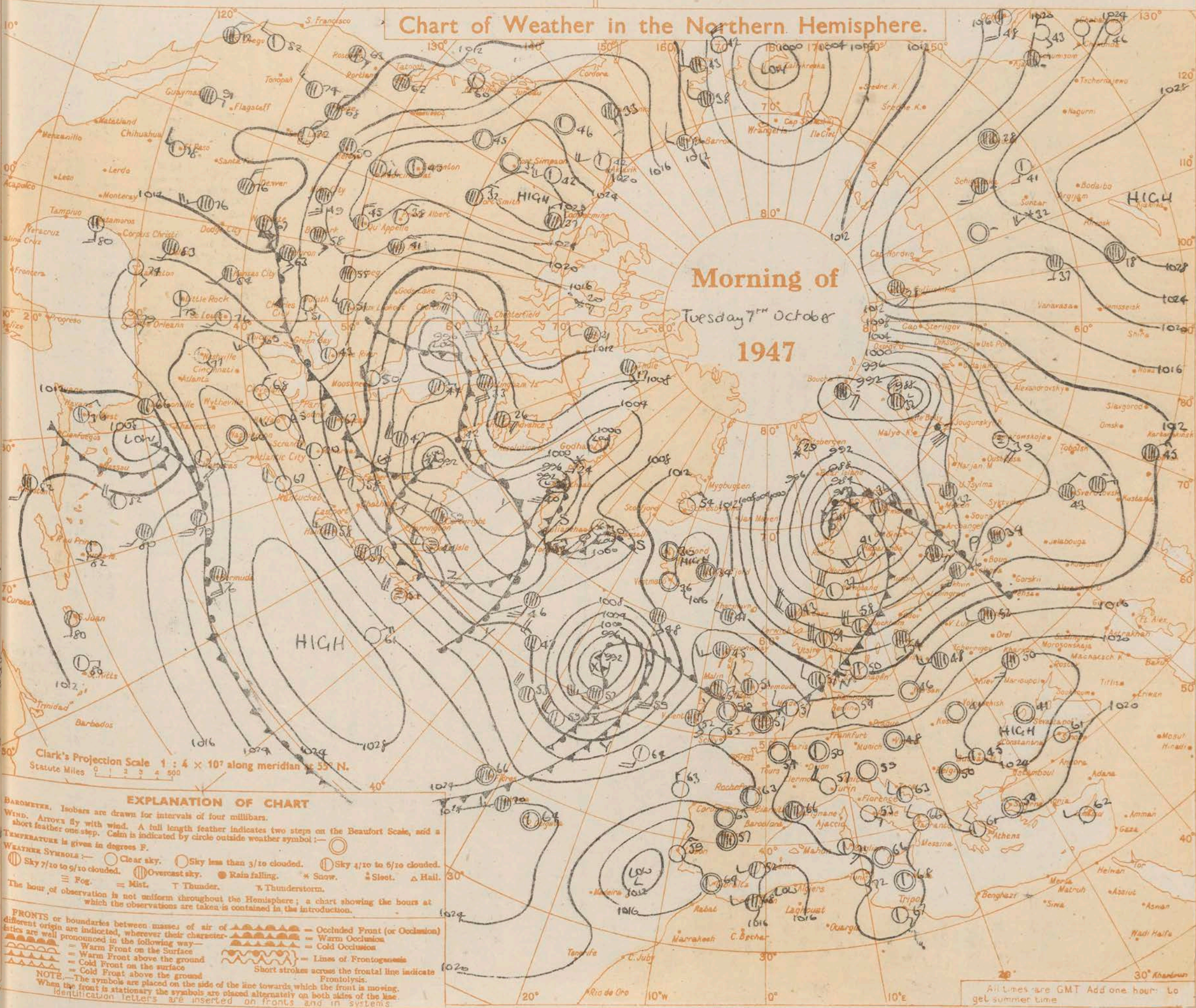
A vigorous depression south of Iceland is moving steadily Northeast. The associated warm front will move across northern districts today giving local rain in northern Ireland and Scotland and cloudy conditions in North England. The cold front will follow later with more general rain reaching Scotland and Northern Ireland later today and northwest England later tonight and probably spreading to other western districts of England and Wales later tomorrow morning. Elsewhere over England and Wales it will be fair or fine after the clearance of morning fog which will form in many districts again tonight.

FURTHER OUTLOOK

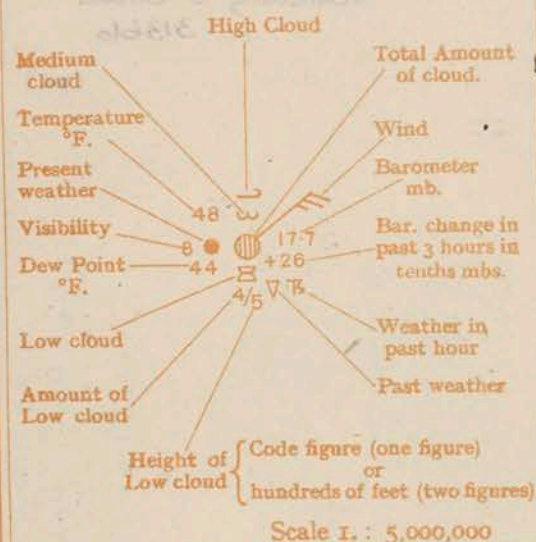
Mainly fair or fine, with fog night and morning in east and southeast England and the Midlands. Elsewhere mainly cloudy with local rain or showers.

Chart of Weather in the Northern Hemisphere.

Morning of
Tuesday 7th October
1947



STATION MODEL

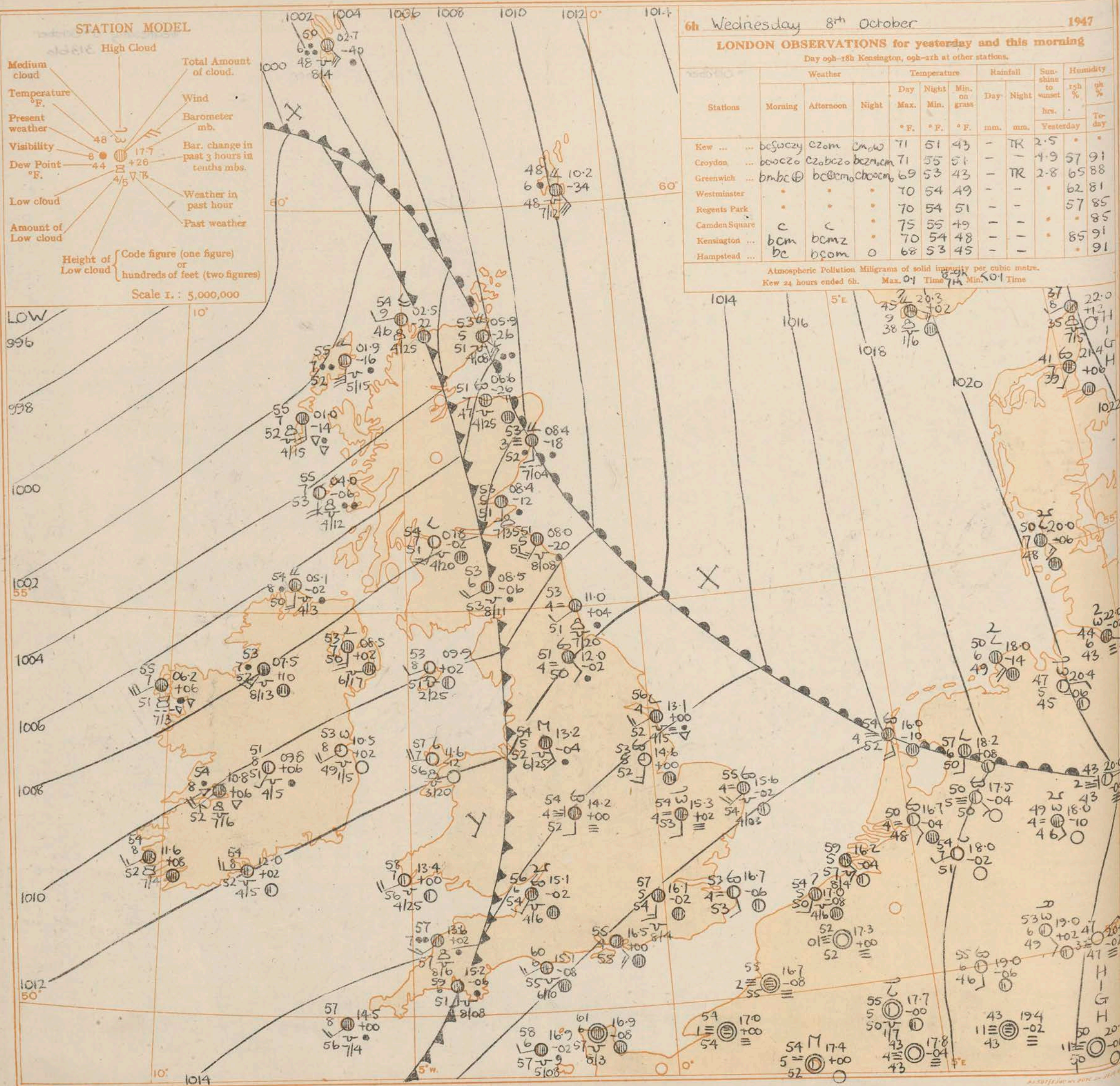


6h Wednesday 8th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		Yester-day	To-day
				°F.	°F.	°F.	mm.	mm.		%	%
Kew ...	bcguczy	czom	cmw	71	51	43	-	TR	2.5	57	91
Croydon ...	bcwcz	czom	cmw	71	55	51	-	-	4.9	57	88
Greenwich ...	bmbc	bcem	chocm	69	53	43	-	TR	2.8	65	81
Westminster	.	.	.	70	54	49	-	-	.	62	81
Regents Park	.	.	.	70	54	51	-	-	.	57	85
Camden Square	c	c	.	75	55	49	-	-	.	85	85
Kensington ...	bcm	bcmz	.	70	54	48	-	-	.	85	91
Hampstead ...	bc	bcom	0	68	53	45	-	-	.	.	91

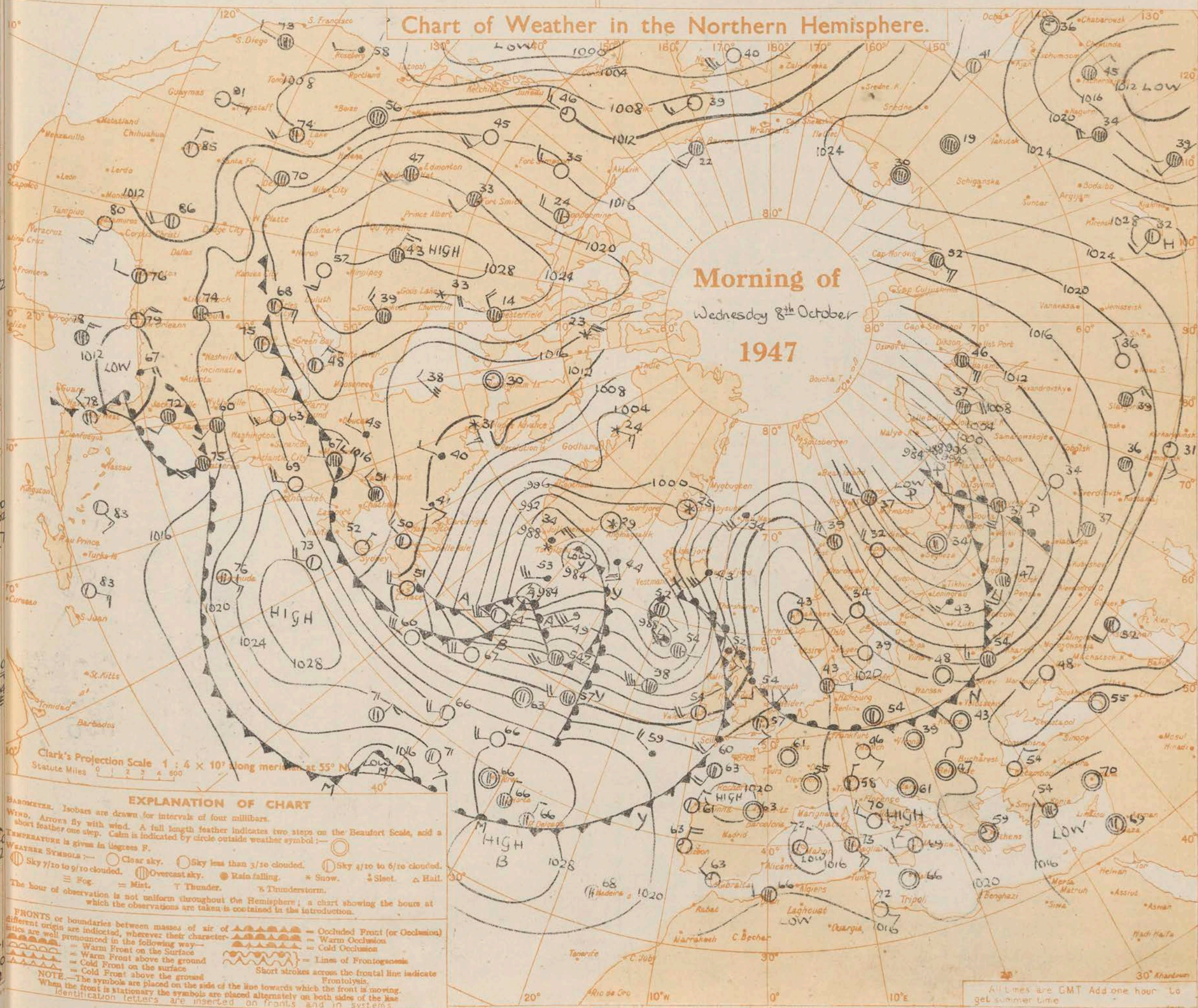
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 01 Time 8.21 Min. 5.01 Time

GENERAL INFERENCE
A trough of low pressure moving eastwards across England will give cloudy conditions with local rain in the Midlands, South and East at first followed by fair conditions with some bright periods. In western districts of England and in Wales it will be fair with bright periods at first but cloudy later with chance of slight rain. In North Ireland, West and North Scotland and later in Southeast Scotland it will be cloudy with local rain or showers, but it will be fair with bright periods in Southeast Scotland at first. It will be generally rather cold in the north and cooler than of late in the south.

FURTHER OUTLOOK
Mainly fair in the South; occasional rain in the North.

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 8th October
1947



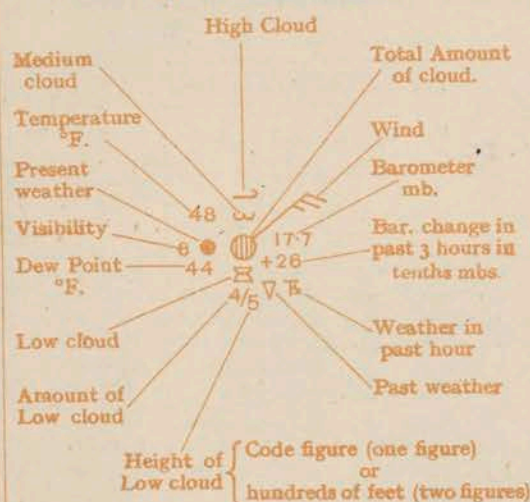
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

Wednesday 8th October 1947
No. 31366

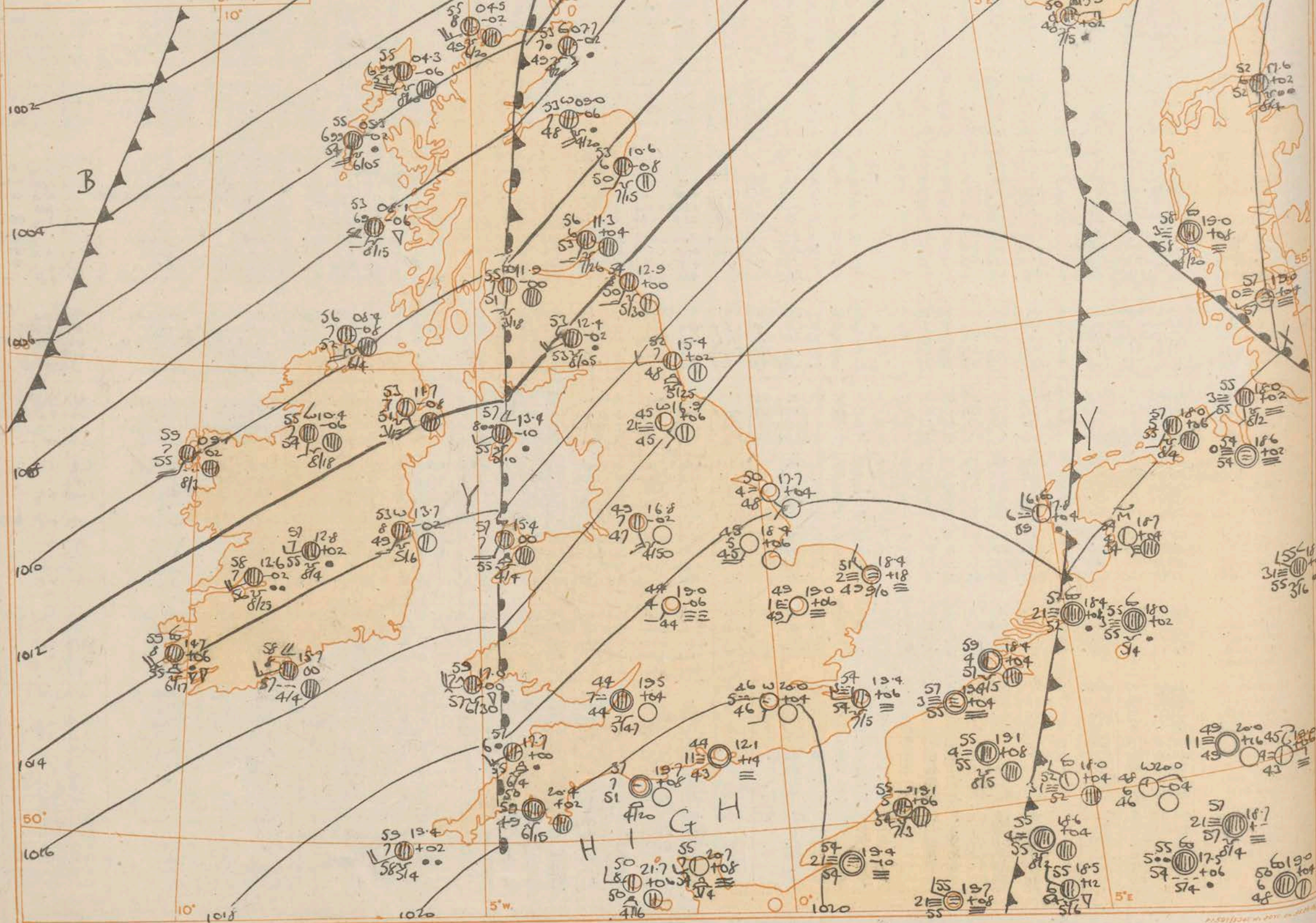
[illegible]

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

STATION MODEL



Scale 1: 5,000,000

6h Thursday 9th October

1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		15h %	To-day %
Kew ...	Ci	bc	bc	64	46	34	Tr	Tr	0.0		
Croydon ...	Cm	C2	Cm	65	48	36	Tr	-	0.2	71	81
Greenwich ...	Cm	Cm	bc	67	46	31	Tr	Tr	0.2	73	81
Westminster ...				64	47	40	Tr	-		75	83
Regents Park ...				65	48	42	-	-		73	83
Camden Square ...	0	0		64	48	45	-	-			93
Kensington ...	bc	cc		65	48	39	Tr	-		91	95
Hampstead ...	odbc	0	bc	64	46	32	Tr	-			93

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.2 Time 4h. Min. 0.1 Time 10/24 hrs 8h.

GENERAL INFERENCE

A deep depression is centred near Iceland and minor troughs of low pressure are crossing the country from the West. Weather will be mainly cloudy with occasional slight rain but with a sunny period at first in East and South-East England. Fair periods and scattered showers will spread across North Ireland and Scotland later today and across North-West England tonight. Little change of temperature.

FURTHER OUTLOOK

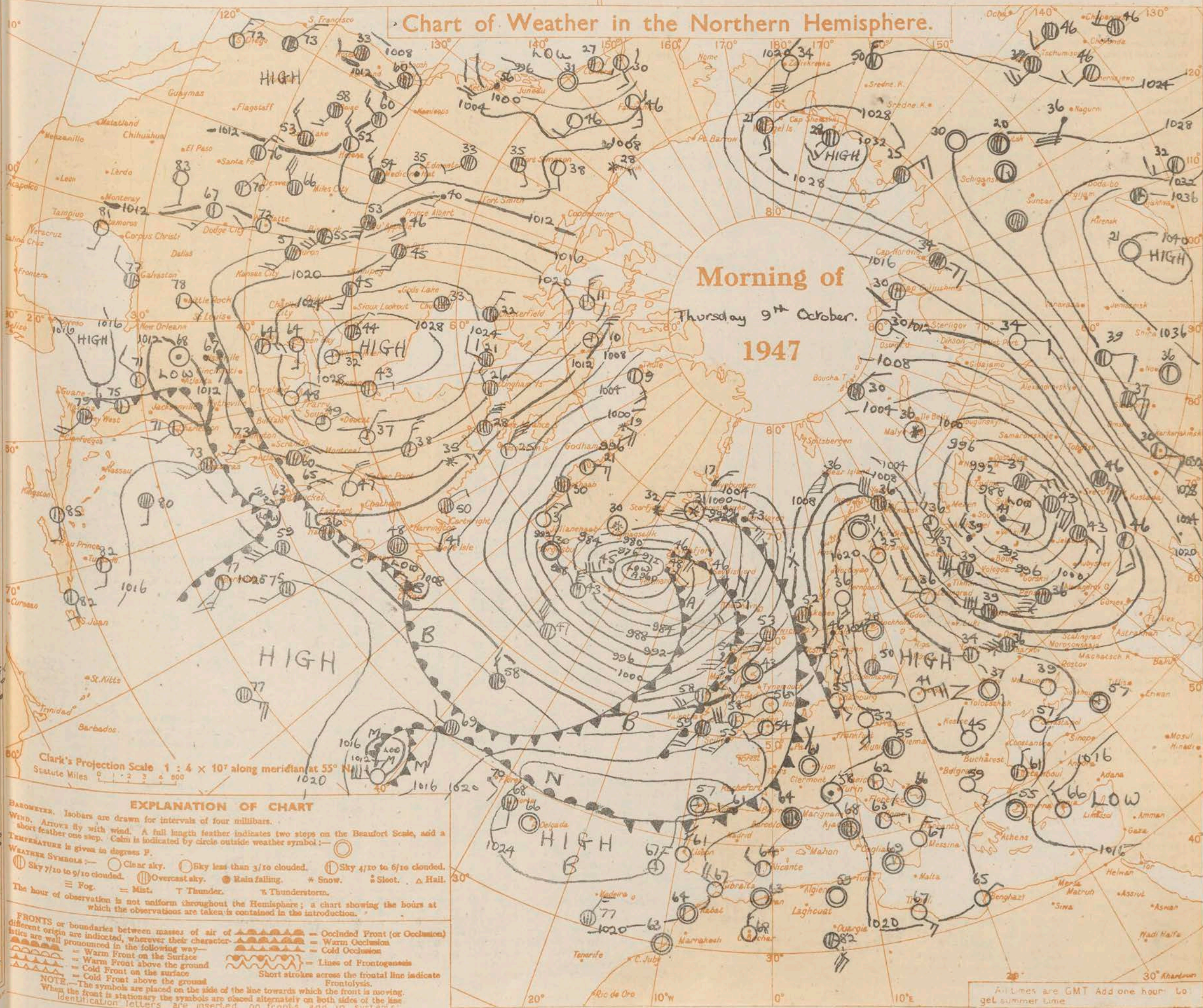
Fair with some morning mist and fog in Midlands and South. Rain spreading to North and West later.

Chart of Weather in the Northern Hemisphere.

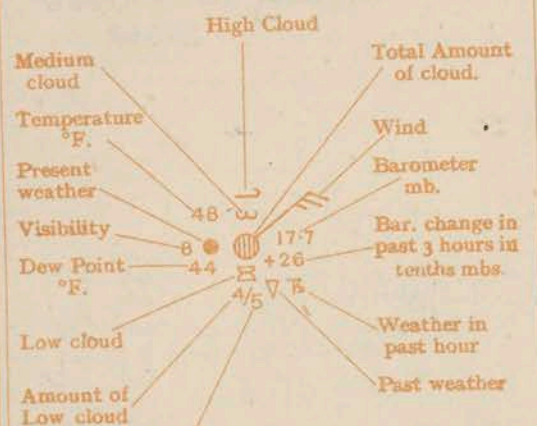
Morning of

Thursday 9th October.

1947



STATION MODEL



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

Scale 1: 5,000,000

6h Friday 10th October 1947

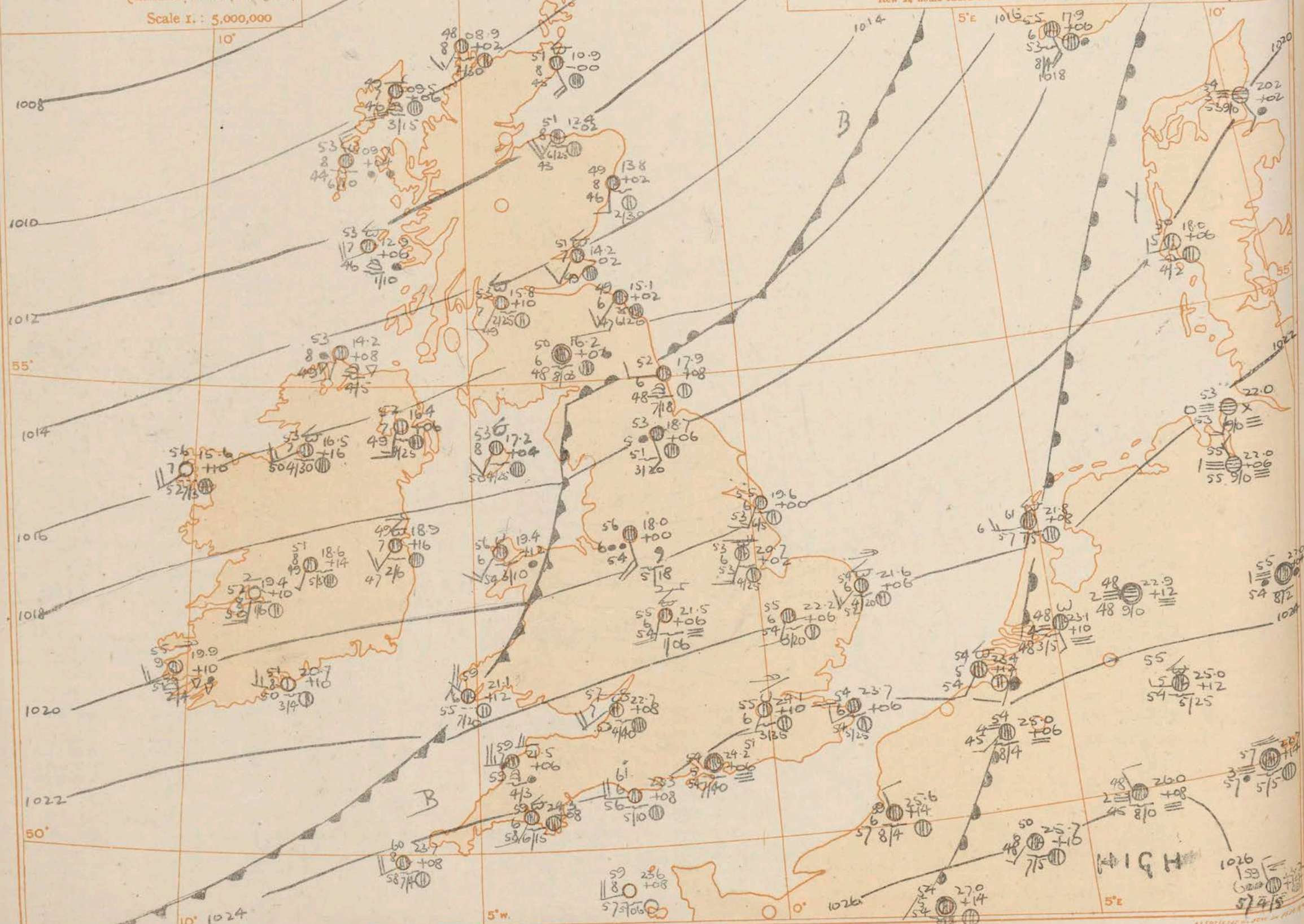
LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass °F.	Day mm.	Night mm.		Yester %	To-day %
Kew ...	ofwbbm	bbcmo	ewobc	63	54	42	TV	—	3.9	45	80
Croydon ...	bfgbc	beyec	czobm	66	54	51	—	TV	7.1	56	75
Greenwich ...	by	bge	evbbw	68	53	41	—	TV	5.7	65	77
Westminster	.	.	.	66	51	46	—	—	.	63	83
Regents Park	.	.	.	67	52	50	—	—	.	.	82
Camden Square	bc	bc	.	68	52	47	—	—	.	77	86
Kensington ...	bc	bcc	.	68	53	45	—	—	.	.	.
Hampstead ...	bc	bc	bc	66	53	39	—	—	.	.	.

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.16 on 10th 1947, < 0.1 rest of period.



GENERAL INFERENCE

A rather warm southwesterly current covers the British Isles. A trough of low pressure will approach western districts from the Atlantic tomorrow. Weather will be fair today apart from local showers in the north-west and north and local slight rain elsewhere. Rain is expected to reach Ireland from the Atlantic tonight and some western districts of Britain tomorrow morning.

FURTHER OUTLOOK

Fair at first in the east. Rain in western districts spreading to all districts but rainfall probably local and amounts small in south and southeast England and parts of the Midlands.

Chart of Weather in the Northern Hemisphere.

Morning of

Friday 10th October.

1947

EXPLANATION OF CHART

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

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS or boundaries between masses of air of different origins are indicated, wherever their character is well pronounced in the following way—
 — Warm Front on the surface
 — Warm Front above the ground
 — Cold Front on the surface
 — Cold Front above the ground
 — Occluded Front (or Occlusion)
 — Warm Occlusion
 — Cold Occlusion
 — Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis.
NOTE.— The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT Add one hour to get summer time

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

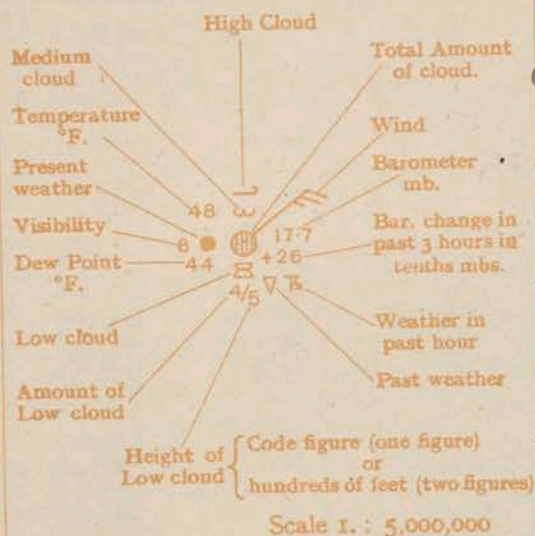
Friday 10th October 1947

No 31368.

OBSERVATIONS at 00hr. G.M.T. 10th October										OBSERVATIONS at 06hr. G.M.T. 10th October										OBSERVATIONS Thursday NIGHT																																																																																																																																																																																																							
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (2)	Change in 3 hours. (3)	Wind.		Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Temp. °F. (22)	Dew Point °F. (23)	Visibility. (24)	Cloud.				Barom. at M.S.L. mb. (31)	Change in 3 hours. (32)	Wind.		Temp. °F. (36)	Dew Point °F. (37)	Visibility. (38)	Cloud.				Barom. at M.S.L. mb. (45)	Change in 3 hours. (46)	Wind.		Temp. °F. (50)	Dew Point °F. (51)	Visibility. (52)	Cloud.				Barom. at M.S.L. mb. (59)	Change in 3 hours. (60)	Wind.		Temp. °F. (64)	Dew Point °F. (65)	Visibility. (66)	Cloud.				Barom. at M.S.L. mb. (73)	Change in 3 hours. (74)	Wind.		Temp. °F. (78)	Dew Point °F. (79)	Visibility. (80)	Cloud.				Barom. at M.S.L. mb. (87)	Change in 3 hours. (88)	Wind.		Temp. °F. (92)	Dew Point °F. (93)	Visibility. (94)	Cloud.				Barom. at M.S.L. mb. (101)	Change in 3 hours. (102)	Wind.		Temp. °F. (106)	Dew Point °F. (107)	Visibility. (108)	Cloud.				Barom. at M.S.L. mb. (115)	Change in 3 hours. (116)	Wind.		Temp. °F. (120)	Dew Point °F. (121)	Visibility. (122)	Cloud.				Barom. at M.S.L. mb. (129)	Change in 3 hours. (130)	Wind.		Temp. °F. (134)	Dew Point °F. (135)	Visibility. (136)	Cloud.				Barom. at M.S.L. mb. (143)	Change in 3 hours. (144)	Wind.		Temp. °F. (148)	Dew Point °F. (149)	Visibility. (150)	Cloud.				Barom. at M.S.L. mb. (157)	Change in 3 hours. (158)	Wind.		Temp. °F. (162)	Dew Point °F. (163)	Visibility. (164)	Cloud.				Barom. at M.S.L. mb. (171)	Change in 3 hours. (172)	Wind.		Temp. °F. (176)	Dew Point °F. (177)	Visibility. (178)	Cloud.				Barom. at M.S.L. mb. (185)	Change in 3 hours. (186)	Wind.		Temp. °F. (190)	Dew Point °F. (191)	Visibility. (192)	Cloud.				Barom. at M.S.L. mb. (199)	Change in 3 hours. (200)	Wind.		Temp. °F. (204)	Dew Point °F. (205)	Visibility. (206)	Cloud.				Barom. at M.S.L. mb. (213)	Change in 3 hours. (214)	Wind.		Temp. °F. (218)	Dew Point °F. (219)	Visibility. (220)	Cloud.				Barom. at M.S.L. mb. (227)	Change in 3 hours. (228)	Wind.		Temp. °F. (232)	Dew Point °F. (233)	Visibility. (234)	Cloud.				Barom. at M.S.L. mb. (241)	Change in 3 hours. (242)	Wind.		Temp. °F. (246)	Dew Point °F. (247)	Visibility. (248)	Cloud.				Barom. at M.S.L. mb. (255)	Change in 3 hours. (256)	Wind.		Temp. °F. (260)	Dew Point °F. (261)	Visibility. (262)	Cloud.				Barom. at M.S.L. mb. (269)	Change in 3 hours. (270)	Wind.		Temp. °F. (274)	Dew Point °F. (275)	Visibility. (276)	Cloud.

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

STATION MODEL



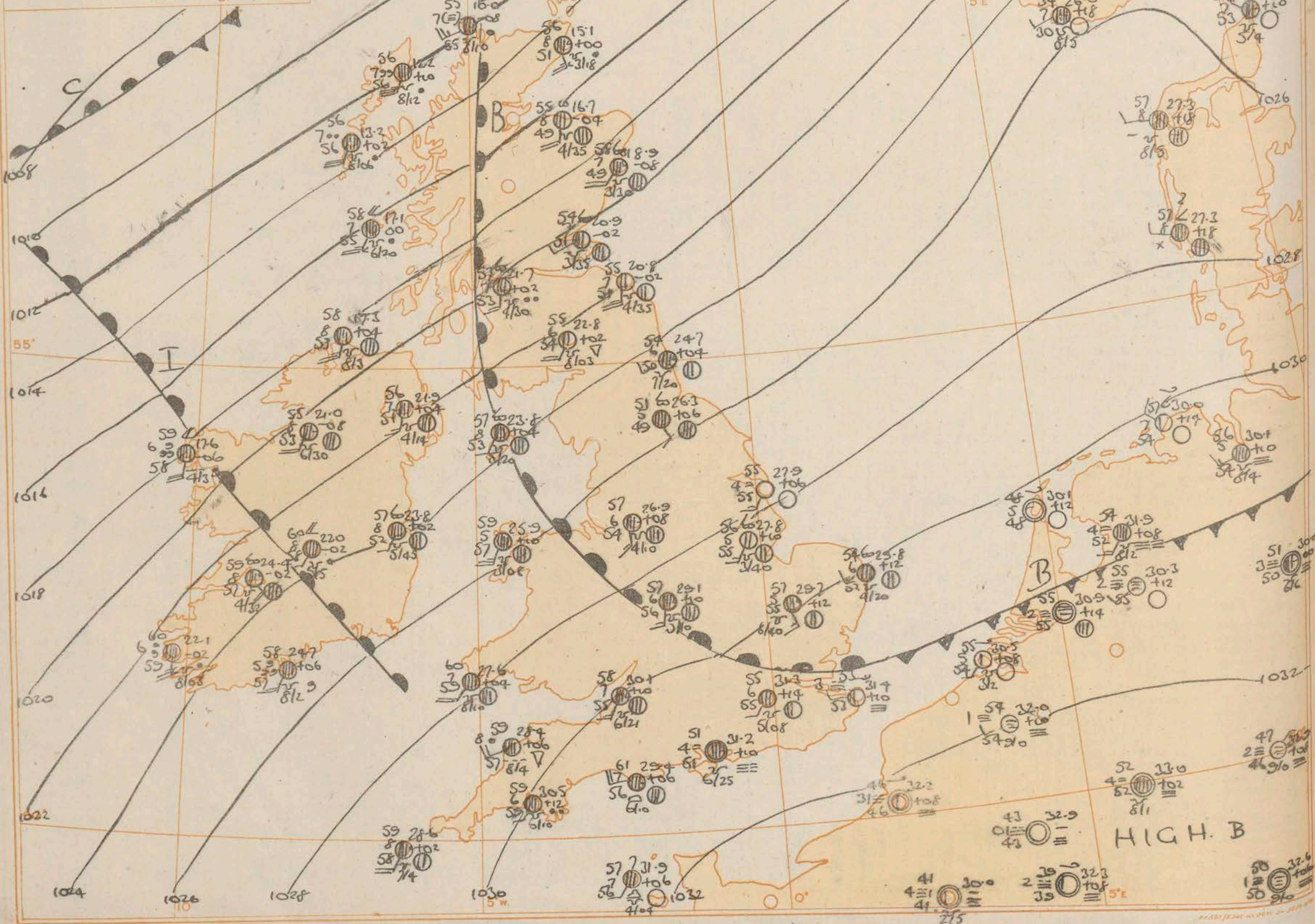
6h Saturday 11th October 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-27h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	C	C	C	67	55	44	0.6	0.1	1.5	64	91
Croydon ...	C	C	C	67	54	49	0.5	0.1	1.8	64	91
Greenwich ...	C	C	C	69	54	42	-	0.0	1.5	65	88
Westminster ...	.	.	.	67	54	50	0.4	.	.	67	89
Regent's Park ...	.	.	.	67	56	52	-	0.1	.	67	92
Camden Square ...	C	C	.	67	56	53	0.3	-	.	96	96
Kensington ...	C	C	.	68	55	49	-	-	.	96	96
Hampstead ...	C	C	C	65	54	43	2.2	-	.	95	95

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 19/20h Min. 0.1 Time 20/1 Time rest of period



GENERAL INFERENCE

A mild southwesterly air stream covers the British Isles. It will be cloudy with occasional rain in the north at first but otherwise it will be fair and warm by day in most districts of England, Wales, South Scotland and North Ireland with considerable sunshine in many areas particularly in the east. It will remain cloudy in some western districts with slight local drizzle, the cloud spreading inland during tonight, but it will remain fair in eastern and central districts apart from some local fog early tomorrow in the Midlands and South-east. In Northern Scotland it will be cloudy with local rain or drizzle, mainly slight.

FURTHER OUTLOOK

Local rain in the north and west of Scotland and Ireland extending later eastwards possibly reaching extreme northern England, fair elsewhere with considerable sunshine in many areas in the Midlands and East.

1000 G.M.T. Gale Warning.

Cones are flying on west and north coasts of Scotland from Clyde to Dornoch Firth including Orkneys and Shetlands.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 11th October
1947

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

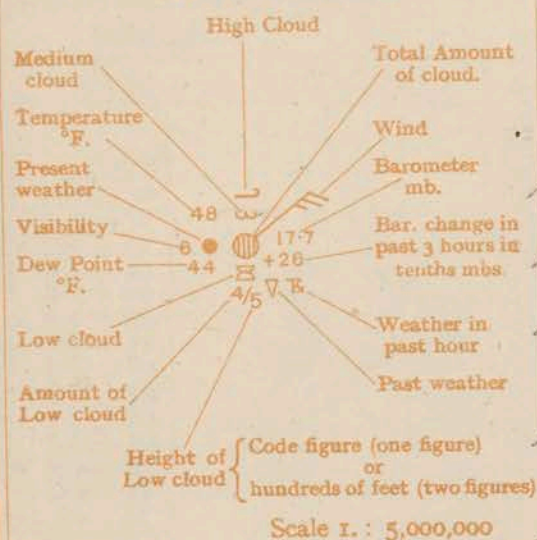
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — Occluded Front (or Occlusion). — Warm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

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

All times are GMT Add one hour to get summer time

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

STATION MODEL

6h Sunday 12th October

1947

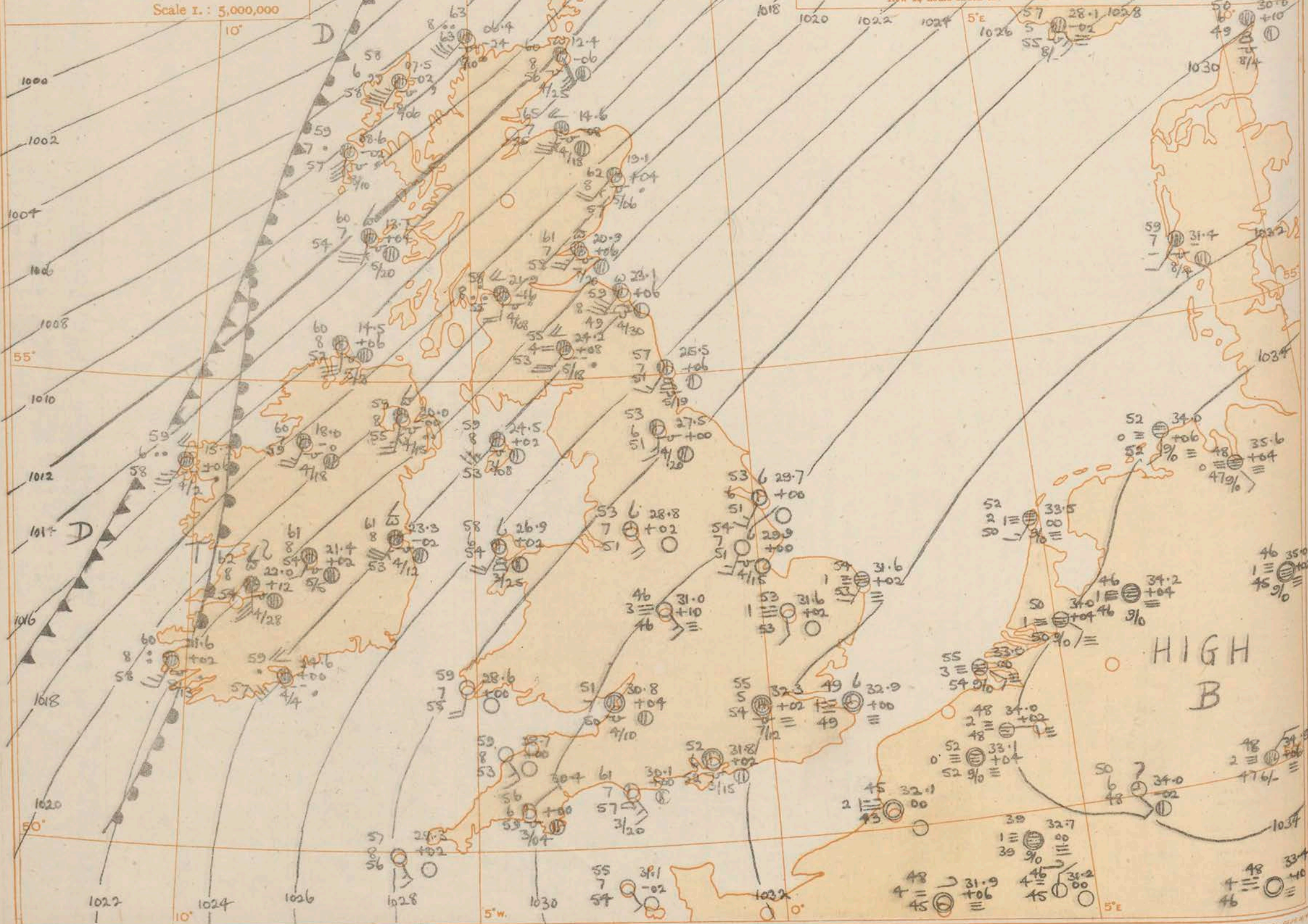
LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	1st	2nd
				° F.	° F.	° F.	mm.	mm.		Yester- day	To- day
Kew ...	cm, we	cb, cm	bc, cm	65	48	39	-	Tr	0.6	69	88
Croydon ...	cm, y	cb, c	bc, cm	67	53	48	-	-	1.2	69	88
Greenwich ...	c	cb	bc, cm	67	53	39	-	Tr	0.9	64	88
Westminster	.	.	.	66	52	47	-	-	.	65	89
Regents Park	.	.	.	67	54	50	-	-	-	64	88
Camden Square	c	bc	.	67	54	45	-	-	.	68	89
Kensington ...	bc	bc	.	68	52	43	-	-	.	68	89
Hampstead ...	obe	bc	o	64	53	38	-	-	.	.	90

Atmospheric Pollution Milligrams per cubic foot, 24 hours ended 6h.

Max.	Time	Min.	Time
57	28.1	55	8/1
50	30.0	49	8/4



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Clark's Pr
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Isobars
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Symbol is giv
May 7/10 to 9/10
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at origin are in
= V
= W
= C
NOTE - The
When the in
Identifi

A vigorous depression centred in Southeast Ireland at 0600 GMT, is moving rapidly northeast and associated troughs are sweeping across Ireland, Scotland and North England. Over these areas therefore it will be cloudy with local rain and strong to gale winds, but improved conditions with fair periods and showers will spread in steadily during today from the northwest to affect all areas of northern Ireland and Scotland by tomorrow morning. Over England and Wales it will be generally fair but with cloud and perhaps local slight rain, spreading into the north by tomorrow morning. During the night some local mist or fog patches will probably form in the extreme southeast and some low stratus over south and southwest coasts. It will be fair again tomorrow over much of England and Wales.

GENERAL INFERENCE

Fair but showery conditions with moderately westerly winds over Scotland and North Ireland; generally cloudy over South England, and fair over the remainder of England and Wales.

FURTHER OUTLOOK

1000Z Gale warning. Warnings of South to Southwest gales are in operation in all land areas of North Ireland, Scotland, and extreme northwest England and south coasts are hoisted on all coasts in this zone.

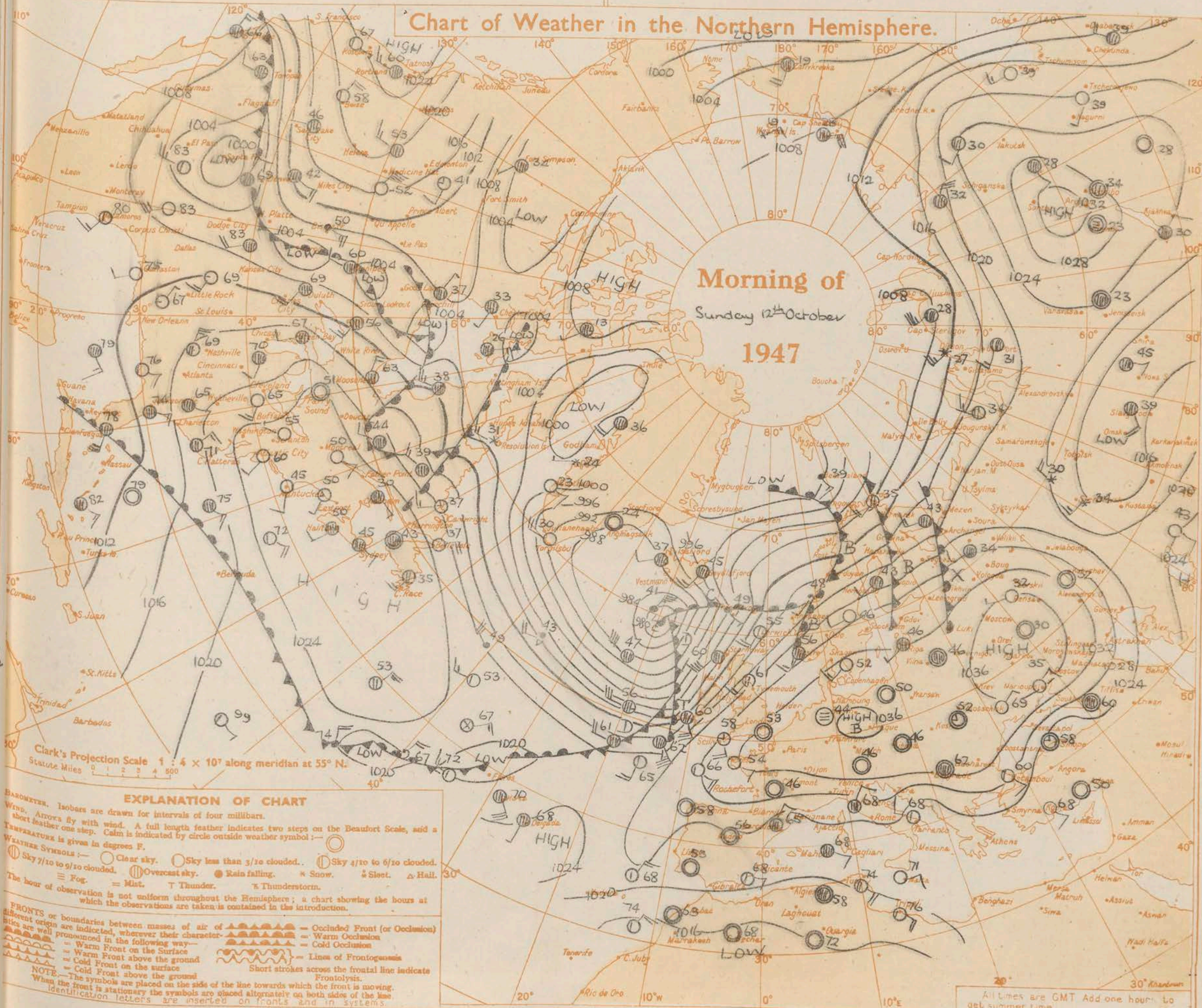
Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 12th October
1947

EXPLANATION OF CHART

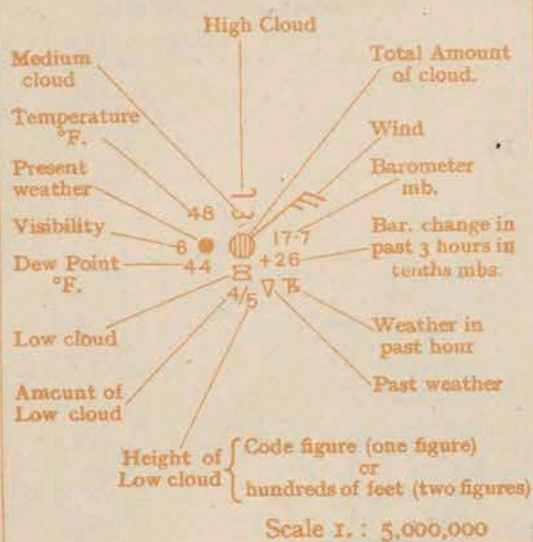
BAROMETER. Isobars are drawn for intervals of four millibars.
Wind. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: — Clear sky. — 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.
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.

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



All times are GMT Add one hour to get summer time

STATION MODEL



6h

Monday 13th October,

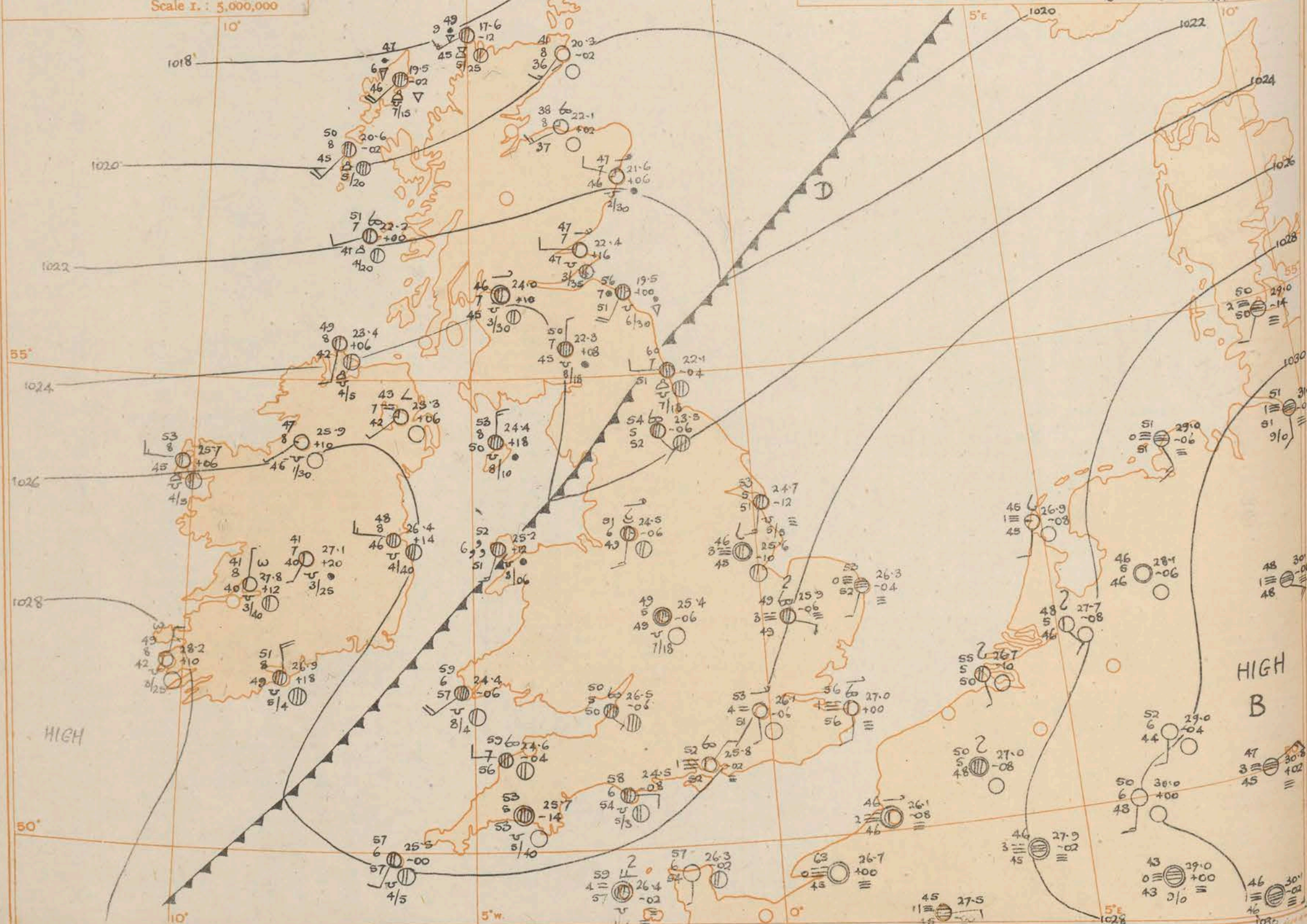
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		1st %	2nd %
Kew	cm,wc	cb,cm	bm,Fw	69	47	39	-	Tr	5.1	65	92
Croydon	cm,wc	cb,cm	bm,Fw	70	51	46	-	Tr	5.0	55	97
Greenwich	cb	by	bf	72	49	34	-	Tr	5.0	57	93
Westminster	.	.	.	70	51	46	-	-	.	57	93
Regents Park	.	.	.	70	51	46	-	-	.	57	93
Camden Square	o	b	.	73	51	43	-	-	.	88	96
Kensington	bbcb	bb	.	73	49	42	-	-	.	88	96
Hampstead	bc	bcm	bcm	69	52	34	-	-	.	.	91

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0.3 Time 13.15 Min. 0.1 Time 6.30

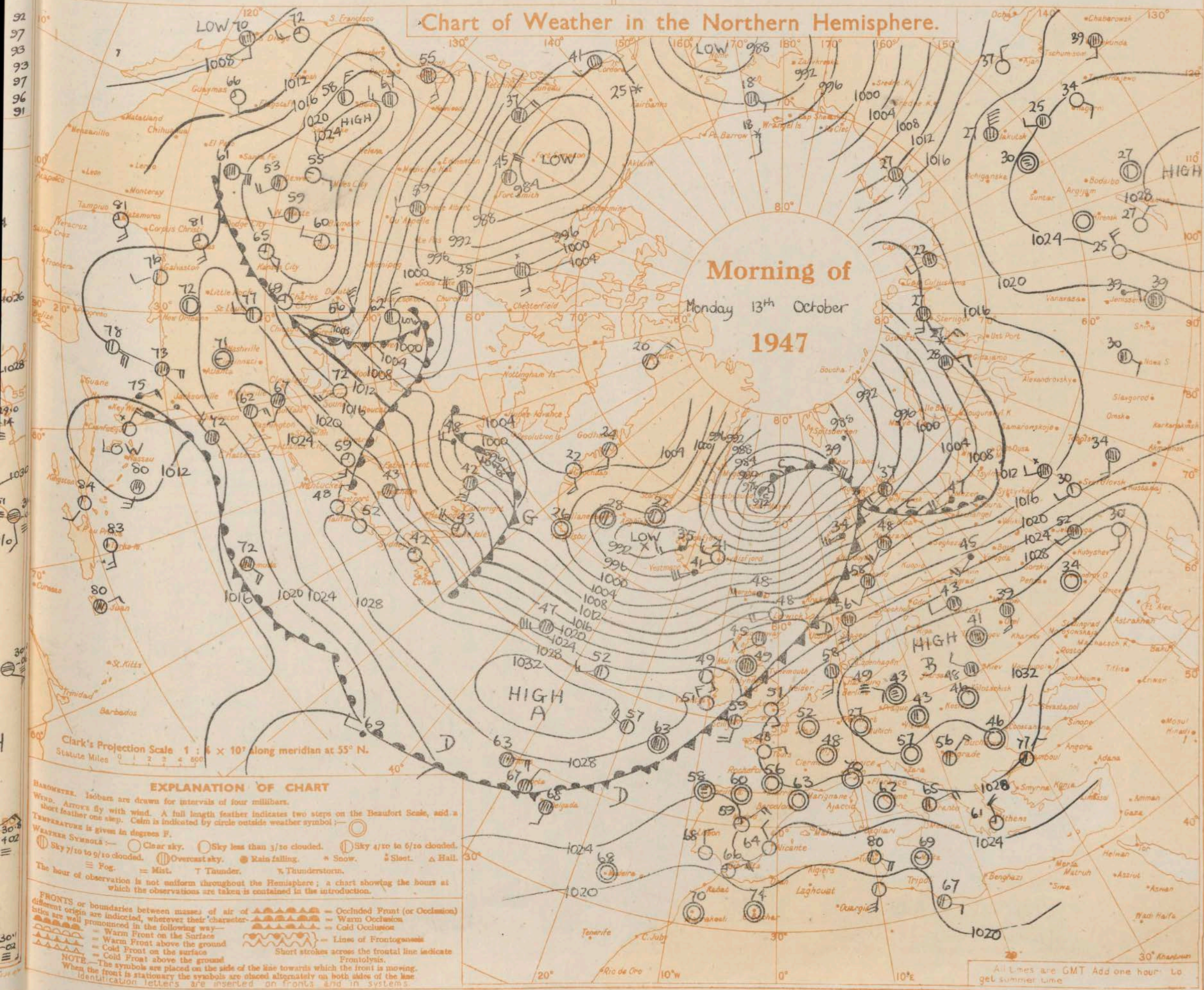


GENERAL INFERENCE
A weak trough of low pressure across North England will move slowly south East but it is expected to give local rain only in North England, North Wales and the North Midlands. Elsewhere it will be mainly fair though some showers will occur in the extreme north.

FURTHER OUTLOOK
Fair or fine in most districts but chance of local rain or showers in the extreme Northwest.

Chart of Weather in the Northern Hemisphere.

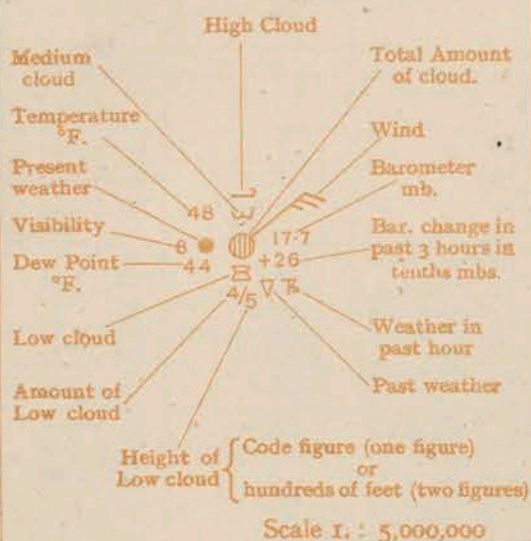
Morning of
Monday 13th October
1947



[illegible]

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

STATION MODEL



6h

Tuesday 14th October

1947

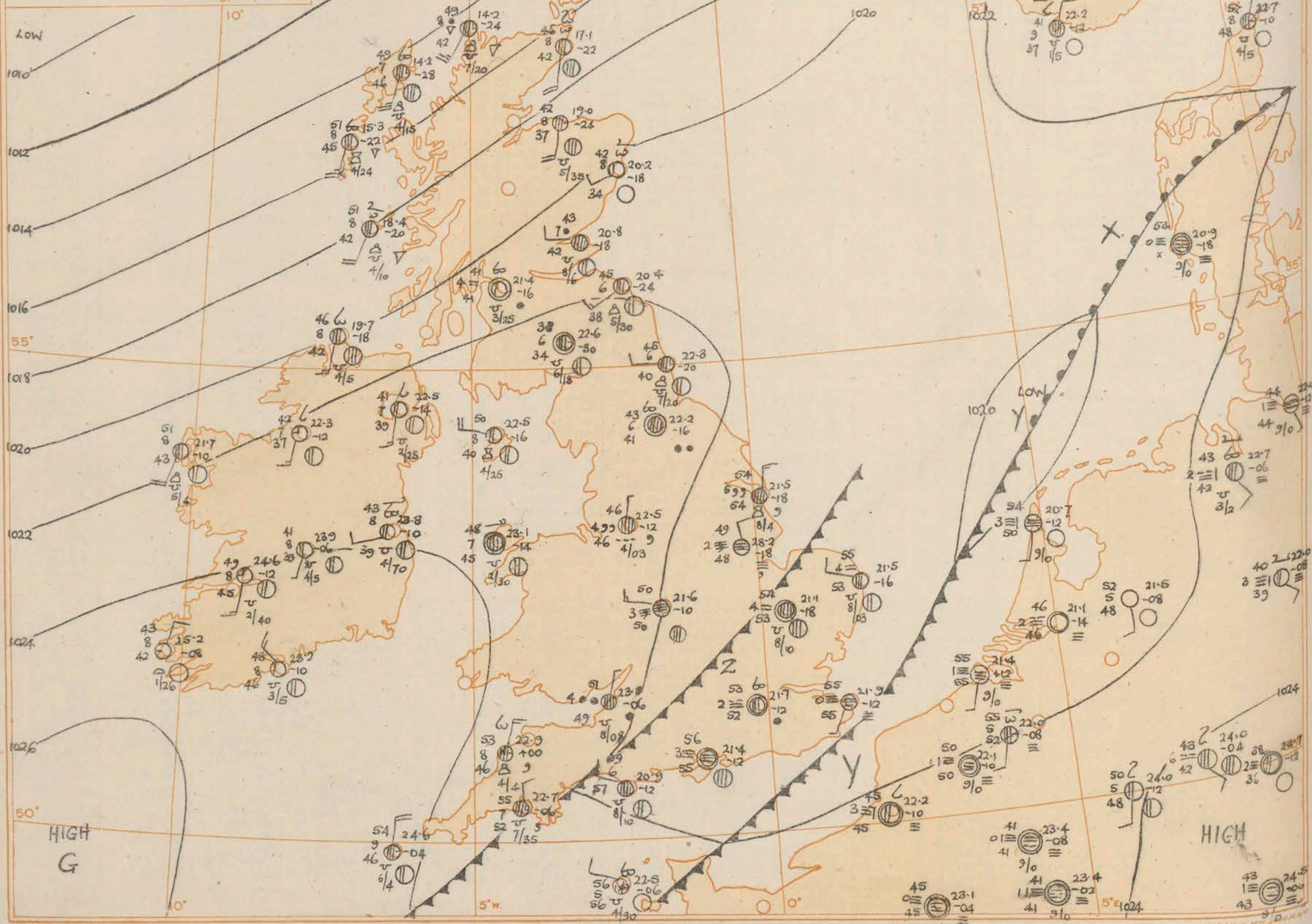
LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	Yesterday	To-day	
Kew ...	0.6mm	0.6mm	0.6mm	64	52	43	-	Tr	1.5			
Croydon ...	0.6mm	0.6mm	0.6mm	68	52	49	-	0.2	2.8	71	96	
Greenwich ...	0.6mm	0.6mm	0.6mm	70	52	45	-	0.3	2.5	70	94	
Westminster ...	0.6mm	0.6mm	0.6mm	66	53	51	-	0.2		74	91	
Regents Park ...				66	53	49	-	Tr		63	93	
Camden Square ...				65	52	47	-	Tr			96	
Kensington ...				65	53	47	-	0.3		90	98	
Hampstead ...				65	50	36	-				99	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max 0.4 Time 11.15 Min 0.1 Time 12.16h. 14.15



GENERAL INFERENCE

A trough of low pressure over South East England is moving south east with a ridge of high pressure over Wales and the North Midlands area but troughs of low pressure west of Scotland are likely to cross North Ireland and Scotland. It will be mainly fair with some bright periods but there will be local rain and fog in South East and East England at first and there will be occasional rain or showers in Scotland and North Ireland. Fog will occur locally in England around dawn. It will be rather cold in most districts and ground frost will occur locally tonight in Wales, the Midlands and North England.

FURTHER OUTLOOK

Fair in the South Occasional rain in the North.

Warnings of southwesterly gales are in operation in Orkney and Shetlands.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 14th October.

1947

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

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All times are GMT Add one hour to get summer time

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 15th October 1947
No. 31373.

No. 31373

OBSERVATIONS at 12 h. G.M.T.

14th October.

OBSERVATIONS at 18h. G.M.T.

14th October

OBSERVATIONS during DAY (14th)[illegible]

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

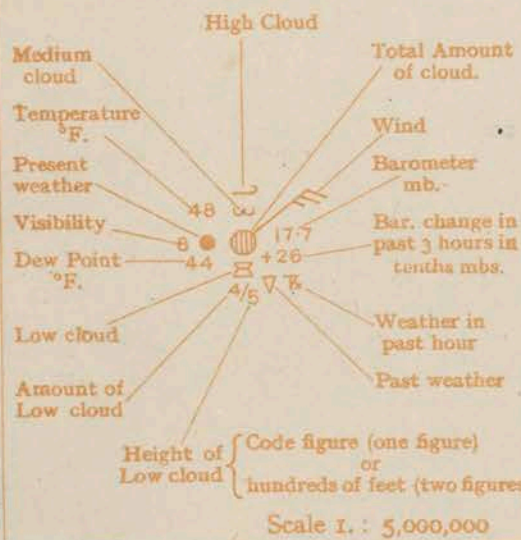
Columns 13, 14, 15; 16, 29, 30, 31, 32.

* Information not usually received.

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

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

STATION MODEL



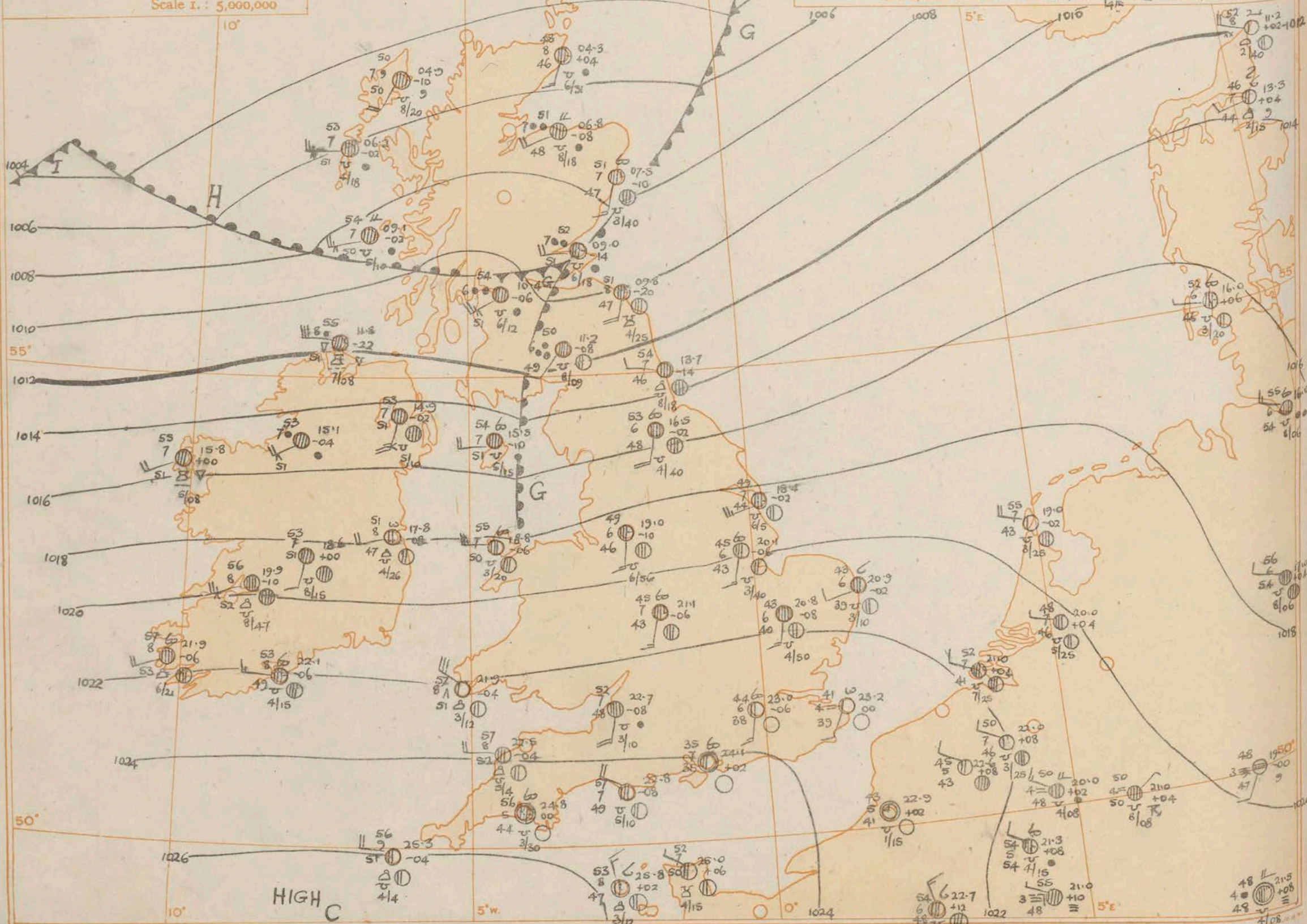
6h Wednesday 15th October, 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	To-day %
Kew	56	39	27	0.3	-	1.0	75	75
Croydon	56	38	31	0.1	-	0.0	83	78
Greenwich	56	38	24	Tr	-	0.0	83	83
Westminster	58	40	36	0.2	-	...	84	83
Regents Park	55	42	37	0.2	-	...	83	83
Camden Square	59	41	35	0.3	-	...	83	83
Kensington	56	41	31	0.3	Tr	...	83	84
Hampstead	53	36	27	0.5	-	...	83	83

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.4 Time 19.20 in. 6.1 Time 4-6h. 15th



GENERAL INFERENCE

A rather cold westerly stream covers the British Isles with troughs of low pressure crossing Scotland. It will be fair in the Southern half of England and Wales where it will become rather warm for a while in the afternoon, but mainly cloudy in the northern half and in Northern Ireland with local rain, mainly slight. In Scotland it will be mainly cloudy with periods of rain.

FURTHER OUTLOOK

Little change.

Gale Warning.

↓ Cones are flying on coast of North West Scotland from Mallaig to Whiten Head.

Chart of Weather in the Northern Hemisphere.

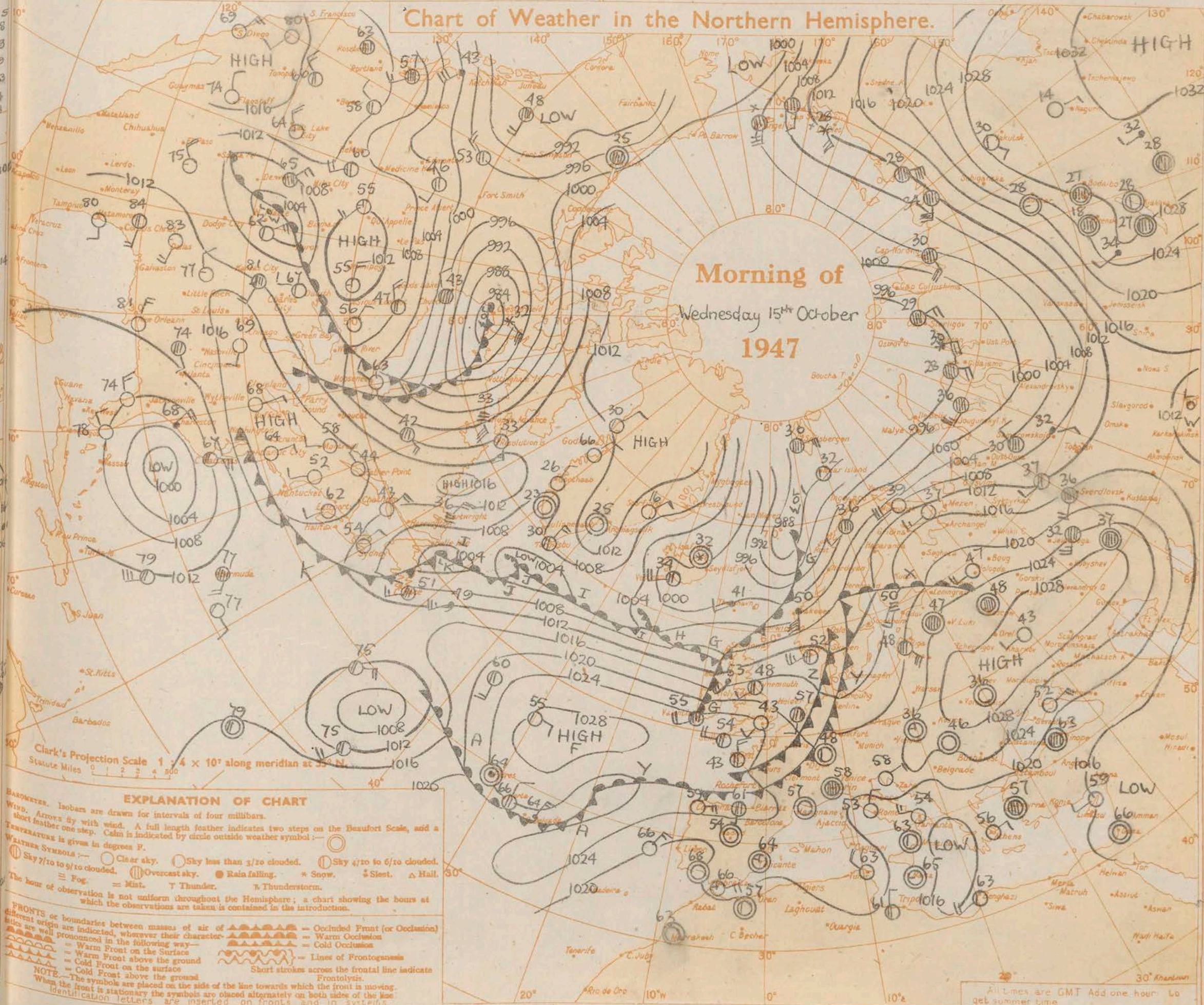
Morning of

Wednesday 15th October
1947

EXPLANATION OF CHART

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



All times are GMT Add one hour to get summer time

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 15th October 1947

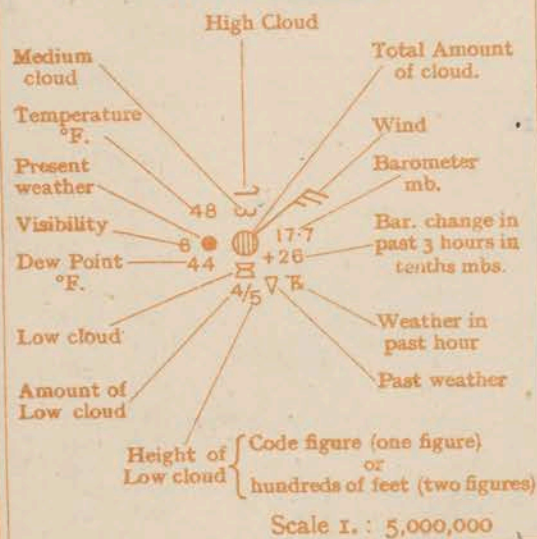
No. 31373

OBSERVATIONS at 00hr. G.M.T. 15 th October										OBSERVATIONS at 06hr. G.M.T. 15 th October										OBSERVATIONS at 09hr. G.M.T. 15 th October										OBSERVATIONS at 12hr. G.M.T. 15 th October																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point

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

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

STATION MODEL



6th Thursday 16th October

1947

LONDON OBSERVATIONS for yesterday and this morning

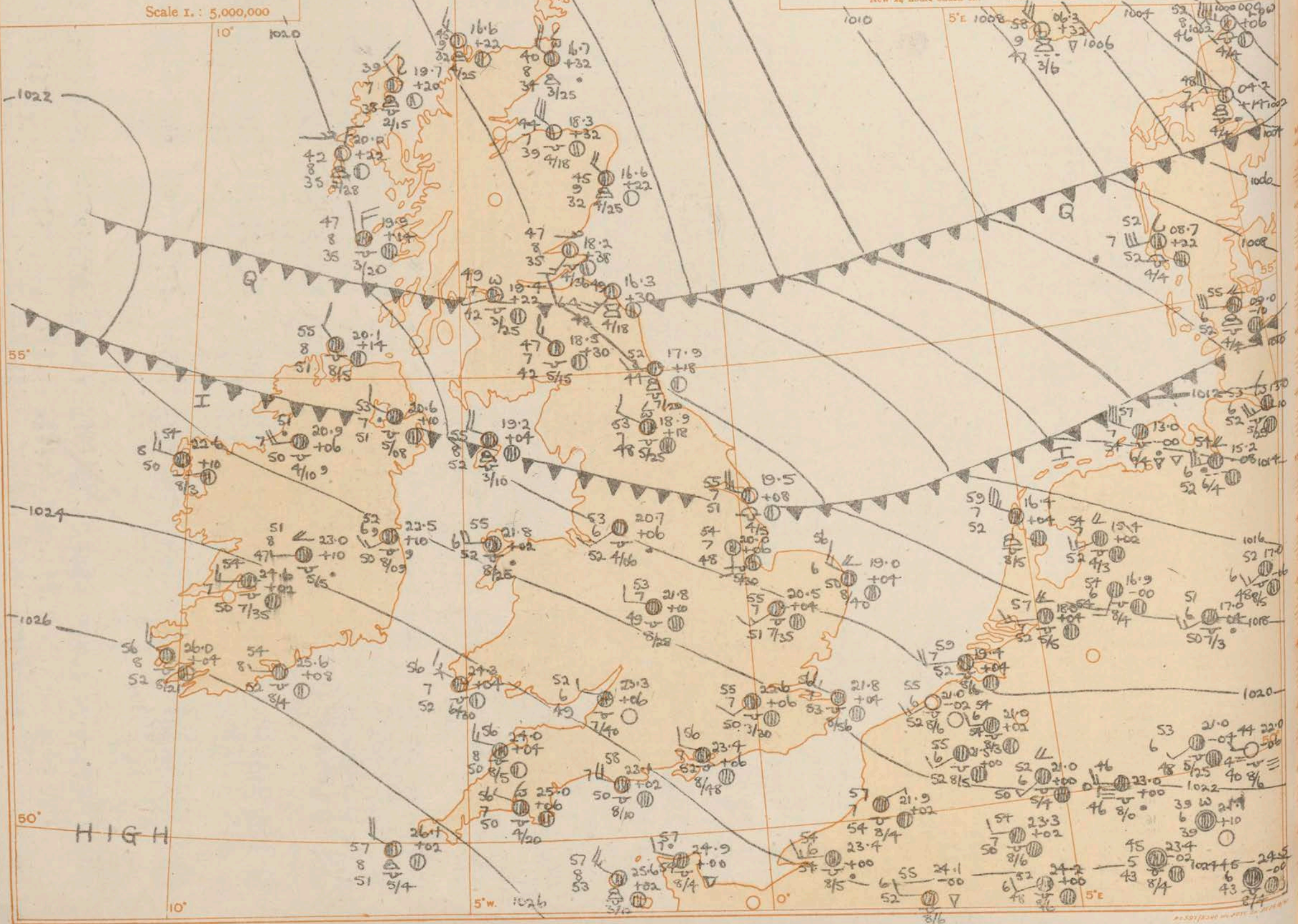
Day 09h-18h Kensington, 09h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	bccm	bccm	cmc	62	55	54	-	-	4.3		
Croydon ...	bccm	bccm	cmc	63	54	54	-	-	5.1	57	77
Greenwich ...	bc	bcc	cm	64	55	51	-	-	4.9	59	76
Westminster ...	.	.	.	63	49	44	-	-		93	77
Regents Park ...	.	.	.	63	48	40	-	-		61	77
Camden Square ...	.	.	.	.	.	.	.	.	.	.	.
Kensington ...	bcc	c	.	65	55	53	-	-		73	81
Hampstead ...	bc	p	o	62	51	47	-	-			83

Atmospheric Pollution Milligrams of solid per cubic metre.

Kew 24 hours ended 6h.

Max. Time Min. Time



There is an anticyclone to the South-west of Britain with a ridge of high pressure extending to Iceland. Weather will be rather cloudy with some slight local rain in the South. There will be local showers in the North and East with some snow on high ground in Scotland. There will be ground frost in many districts with air frost locally at night except in the South and Southwest

Mainly fair and cold with some showers in Eastern districts and local ground and air frost at night except in the South-

GENERAL INFERENCE

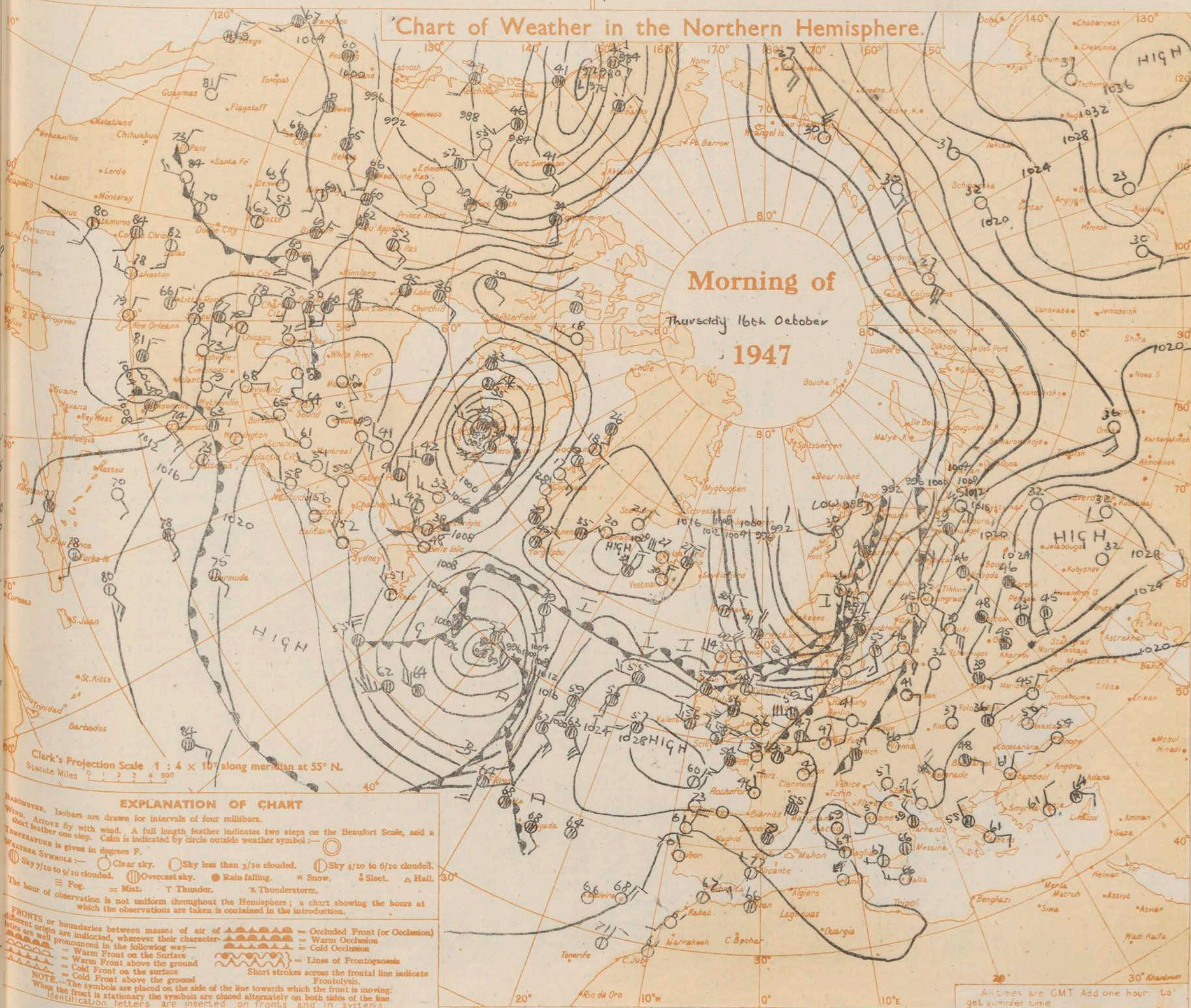
FURTHER OUTLOOK

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 16th October

1947



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 16th October 1947

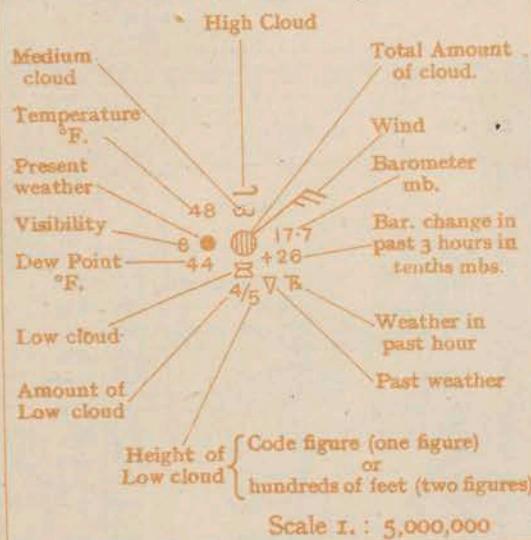
No. 31374

OBSERVATIONS at 00hr. G.M.T. 16th October										OBSERVATIONS at 06hr. G.M.T. 16th October										OBSERVATIONS at 09hr. G.M.T. 16th October										OBSERVATIONS at 00hr. G.M.T. 17th October															
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (5)	Change in 1 hour. (2)	Wind. Dir. (3)	Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Vis. in miles. (8)	Cloud.										Barom. at M.S.L. mb. (17)	Change in 1 hour. (18)	Wind. Dir. (19)	Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point °F. (23)	Vis. in miles. (24)	Cloud.																
											Form.					Amount.														Form.					Amount.										
											Low. (9)	Med. (10)	High. (11)	Total (12)	A. (13)	B. (14)	Low. (15)	Med. (16)	High. (17)	Total (18)	A. (19)	B. (20)							Low. (25)	Med. (26)	High. (27)	Total (28)	A. (29)	B. (30)											
1	Kew	16						56	50	6												22.5	+10	W	2	mo	55	50	6	5	-	-	8	8	-	31	-	1	cmoc	cmo	55	54			
	Croydon	217	21.8	0	WSW	3	mo	56	50	6	5	-	-	8	8	-	34	-	-	-	-	22.6	+6	WSW	2	c	55	50	7	5	-	-	8	8	-	30	-	0	cmoc	cmo	54	54			
	S. Farnborough	226	22.1	0	WSW	4	c	55	52	8	5	-	-	8	8	-	35	-	-	-	-	23.1	+6	WSW	2	c	54	51	8	5	-	-	8	8	-	34	-	0	cmoc	cmo	53	53			
	Boscombe Down	417	22.7	0	SW	3	c-bc	54	52	7	-	-	-	5	5	-	-	-	-	-	-	23.5	+6	W'S	3	c	50	49	7	5	-	-	7	7	-	35	-	0	cmoc	cmo	48	44			
	Calshot	8	23.4	0	WSW	3	c	57	52	8	-	-	-	6	6	-	65	-	-	-	-	23.8	+6	W	3	c	56	52	7	5	-	-	8	8	-	40	-	0	cmoc	cmo	55	55			
2	Tangmere	53	22.8	-2	WNW	2	c	56	52	7	5	-	-	8	8	-	48	-	-	-	-	23.4	+6	WNW	2	c	56	52	7	5	-	-	8	8	-	45	-	0	cmoc	cmo	53	53			
	Lymington	347	21.6	0	WSW	3	c	55	51	7	5	-	-	8	8	-	47	-	-	-	-	22.2	+6	W	3	c	54	51	7	5	-	-	8	8	-	45	-	0	bcc	c	54	52			
	Manston	140	21.5	+2	WSW	2	c	56	50	7	5	-	-	8	8	-	56	-	-	-	-	21.8	+4	WIN	3	c	56	53	7	5	-	-	8	8	-	60	-	0	bcc	c	55	53			
	Shornburys	11																				21.8	+10	NNW	3	mo	57	50																	

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

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

STATION MODEL



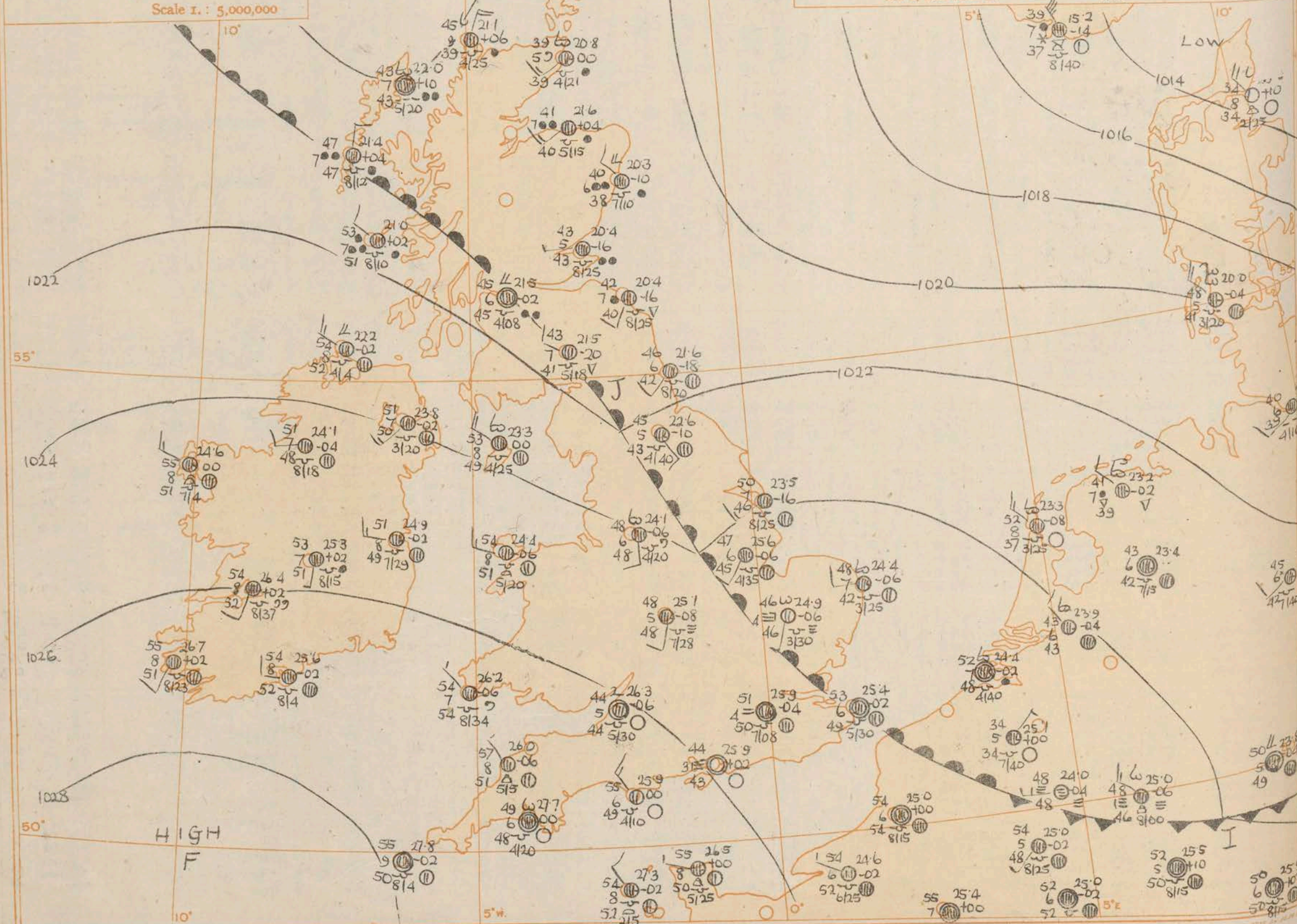
6h Friday 17th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yester.	To-day
Kew	cmo	cmo	cmo	60	50	39	-	Tr	0.0	65	97
Croydon	c2o	cmo	cmo	59	48	42	-	Tr	0.0	68	93
Greenwich	cmo	cmo	bcmo	60	47	36	-	-	0.0	71	94
Westminster	.	.	.	60	50	46	-	-	.	69	93
Regents Park	.	.	.	60	48	43	-	-	.	.	.
Camden Square	.	.	.	.	.	.	-	-	.	.	.
Kensington	c	cbc	.	60	50	43	-	-	.	83	96
Hampstead	bc	bc	bc	59	47	38	-	-	.	.	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0.2 Time 16h. Min. 0.0 Time 0h.



GENERAL INFERENCE

An anticyclone centred off South West England is almost stationary and a second over Iceland is moving Southeast. A trough of low pressure which is at present giving occasional rain in Scotland will move South east to affect parts of north and east England. It will be followed by fair conditions in Scotland. Elsewhere mainly fair with fog morning and night in midlands and south. Mainly rather cold or cold with some ground frost and local slight air frost at night in the north.

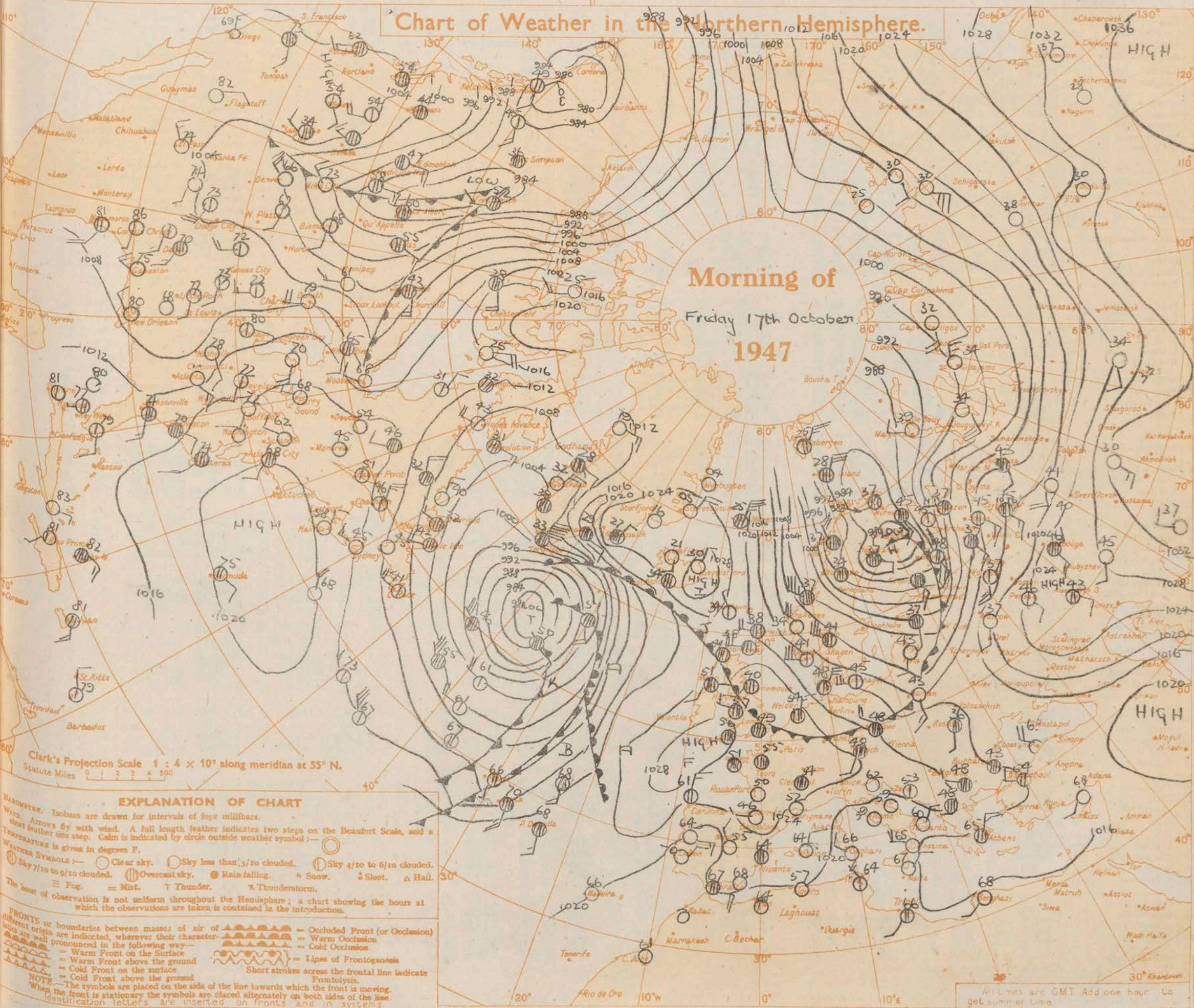
FURTHER OUTLOOK

Mainly fair, some fog at night in the midlands and the south.

Chart of Weather in the Northern Hemisphere.

Morning of

Friday 17th October.
1947



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 17th October 1947

No. 34375

[illegible]

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

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

Diagram illustrating the components of a METAR code (48 8 44 177 +26 4/5) and their corresponding weather data:

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

Scale 1. : 5,000,000

Scale 1. : 5,000,000

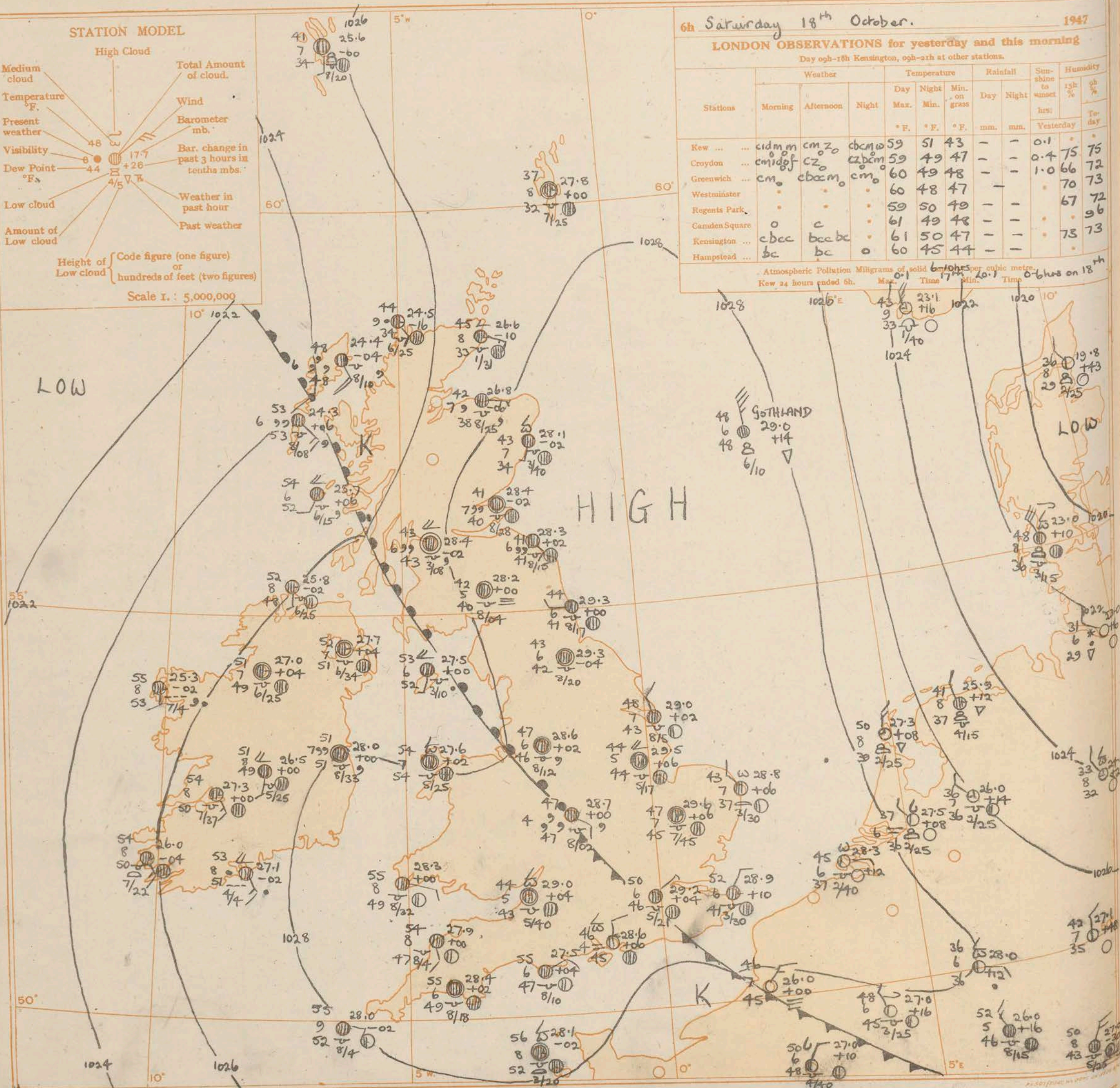
1947

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	24 %
				Max.	Min.						
	* F.	* F.	* F.	mm.	mm.						
Kew ...	cidm m	cm 20	cbcm 10	59	51	43	-	-	0.1	75	75
Croydon ...	cmidof	c20	czbcm	59	49	47	-	-	0.4	66	72
Greenwich ...	cm.	cbcm.	cm.	60	49	48	-	-	1.0	70	73
Westminster	.	.	.	60	48	47	-	-	.	67	72
Regents Park	.	.	.	59	50	49	-	-	.	96	96
Camden Square	o	c	.	61	49	48	-	-	.	73	73
Kensington ...	cbcc	bcc bc	.	61	50	47	-	-	.		
Hampstead ...	bc	bc	o	60	45	44	-	-	.		

Atmospheric Pollution Milligrams of solid ^{6.40 hrs} per cubic metre.
Kew 24 hours ended 5h. Max. 0.1 Times 17h Min. 0.1 Time 0.6 hrs on 18th

Atmospheric Pollution Milligrams of solid ^{6.10 hrs} per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 17 min. Min. 0.1 Time 0.6 hrs on 18



GENERAL INFERENCE

An anticyclone covers England and Wales and a trough of low pressure over West Scotland and the Irish Sea is moving East slowly. Weather will be mainly cloudy, with occasional rain or drizzle locally, and more especially in the North. It is rather cold in the East and rather mild in the West. The milder conditions will spread eastwards across northern districts.

FURTHER OUTLOOK

Cloudy in most districts, with local rain or drizzle. Milder conditions becoming more general.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 18th October.
1947

Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

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

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way —
— Warm Front on the Surface
— Warm Front above the ground
— Cold Front on the surface
— Cold Front above the ground
— Occluded Front (or Occlusion)
— Warm Occlusion
— Cold Occlusion
— Lines of Frontogenesis
Short strokes across the frontal line indicate Frontolysis.
NOTE. The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT Add one hour to get summer time.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 18th October 1947
No. 31276

No. 31376

OBSERVATIONS at 00hr. G.M.T. 18 th October															OBSERVATIONS at 06hr. G.M.T. 18 th October															OBSERVATIONS Friday NIGHT																																																																																																																																																																																																																																																																																																																																																																																							
Observer.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind.		Temp. °F. (22)	Dew Point °F. (23)	Visibility. 0-9 (24)	Cloud.					Barom. at M.S.L. mb. (31)	Change in 3 hours. (32)	Wind.		Temp. °F. (38)	Dew Point °F. (39)	Visibility. 0-9 (40)	Cloud.					Barom. at M.S.L. mb. (47)	Change in 3 hours. (48)	Wind.		Temp. °F. (54)	Dew Point °F. (55)	Visibility. 0-9 (56)	Cloud.					Barom. at M.S.L. mb. (63)	Change in 3 hours. (64)	Wind.		Temp. °F. (70)	Dew Point °F. (71)	Visibility. 0-9 (72)	Cloud.					Barom. at M.S.L. mb. (79)	Change in 3 hours. (80)	Wind.		Temp. °F. (86)	Dew Point °F. (87)	Visibility. 0-9 (88)	Cloud.					Barom. at M.S.L. mb. (95)	Change in 3 hours. (96)	Wind.		Temp. °F. (102)	Dew Point °F. (103)	Visibility. 0-9 (104)	Cloud.					Barom. at M.S.L. mb. (111)	Change in 3 hours. (112)	Wind.		Temp. °F. (118)	Dew Point °F. (119)	Visibility. 0-9 (120)	Cloud.					Barom. at M.S.L. mb. (127)	Change in 3 hours. (128)	Wind.		Temp. °F. (134)	Dew Point °F. (135)	Visibility. 0-9 (136)	Cloud.					Barom. at M.S.L. mb. (143)	Change in 3 hours. (144)	Wind.		Temp. °F. (150)	Dew Point °F. (151)	Visibility. 0-9 (152)	Cloud.					Barom. at M.S.L. mb. (159)	Change in 3 hours. (160)	Wind.		Temp. °F. (166)	Dew Point °F. (167)	Visibility. 0-9 (168)	Cloud.					Barom. at M.S.L. mb. (175)	Change in 3 hours. (176)	Wind.		Temp. °F. (182)	Dew Point °F. (183)	Visibility. 0-9 (184)	Cloud.					Barom. at M.S.L. mb. (191)	Change in 3 hours. (192)	Wind.		Temp. °F. (198)	Dew Point °F. (199)	Visibility. 0-9 (200)	Cloud.					Barom. at M.S.L. mb. (197)	Change in 3 hours. (198)	Wind.		Temp. °F. (204)	Dew Point °F. (205)	Visibility. 0-9 (206)	Cloud.					Barom. at M.S.L. mb. (203)	Change in 3 hours. (204)	Wind.		Temp. °F. (210)	Dew Point °F. (211)	Visibility. 0-9 (212)	Cloud.					Barom. at M.S.L. mb. (209)	Change in 3 hours. (210)	Wind.		Temp. °F. (216)	Dew Point °F. (217)	Visibility. 0-9 (218)	Cloud.					Barom. at M.S.L. mb. (215)	Change in 3 hours. (216)	Wind.		Temp. °F. (222)	Dew Point °F. (223)	Visibility. 0-9 (224)	Cloud.					Barom. at M.S.L. mb. (221)	Change in 3 hours. (222)	Wind.		Temp. °F. (228)	Dew Point °F. (229)	Visibility. 0-9 (230)	Cloud.					Barom. at M.S.L. mb. (227)	Change in 3 hours. (228)	Wind.		Temp. °F. (234)	Dew Point °F. (235)	Visibility. 0-9 (236)	Cloud.					Barom. at M.S.L. mb. (233)	Change in 3 hours. (234)	Wind.		Temp. °F. (240)	Dew Point °F. (241)	Visibility. 0-9 (242)	Cloud.					Barom. at M.S.L. mb. (239)	Change in 3 hours. (240)	Wind.		Temp. °F. (246)	Dew Point °F. (247)	Visibility. 0-9 (248)	Cloud.					Barom. at M.S.L. mb. (245)	Change in 3 hours. (246)	Wind.		Temp. °F. (252)	Dew Point °F. (253)	Visibility. 0-9 (254)	Cloud.					Barom. at M.S.L. mb. (251)	Change in 3 hours. (252)	Wind.		Temp. °F. (258)	Dew Point °F. (259)	Visibility. 0-9 (260)	Cloud.					Barom. at M.S.L. mb. (257)	Change in 3 hours. (258)	Wind.		Temp. °F. (264)	Dew Point °F. (265)	Visibility. 0-9 (266)	Cloud.					Barom. at M.S.L. mb. (263)	Change in 3 hours. (264)	Wind.		Temp. °F. (270)	Dew Point °F. (271)	Visibility. 0-9 (272)	Cloud.					Barom. at M.S.L. mb. (269)	Change in 3 hours. (270)	Wind.		Temp. °F. (276)	Dew Point °F. (277)	Visibility. 0-9 (278)	Cloud.					Barom. at M.S.L. mb. (275)	Change in 3 hours. (276)	Wind.		Temp. °F. (282)	Dew Point °F. (283)	Visibility. 0-9 (284)	Cloud.					Barom. at M.S.L. mb. (281)	Change in 3 hours. (282)	Wind.		Temp. °F. (288)	Dew Point °F. (289)	Visibility. 0-9 (290)	Cloud.					Barom. at M.S.L. mb. (287)	Change in 3 hours. (288)	Wind.		Temp. °F. (294)	Dew Point °F. (295)	Visibility. 0-9 (296)	Cloud.					Barom. at M.S.L. mb. (293)	Change in 3 hours. (294)	Wind.		Temp. °F. (300)	Dew Point °F. (301)	Visibility. 0-9 (302)	Cloud.					Barom. at M.S.L. mb. (299)	Change in 3 hours. (300)	Wind.		Temp. °F. (306)	Dew Point °F. (307)	Visibility. 0-9 (308)	Cloud.					Barom. at M.S.L. mb. (305)	Change in 3 hours. (306)	Wind.		Temp. °F. (312)	Dew Point °F. (313)	Visibility. 0-9 (314)	Cloud.					Barom. at M.S.L. mb. (311)	Change in 3 hours. (312)	Wind.		Temp. °F. (318)	Dew Point °F. (319)	Visibility. 0-9 (320)	Cloud.					Barom. at M.S.L. mb. (317)	Change in 3 hours. (318)	Wind.		Temp. °F. (324)	Dew Point °F. (325)	Visibility.

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

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

[illegible]

Scale 1.: 5,000,000

1947

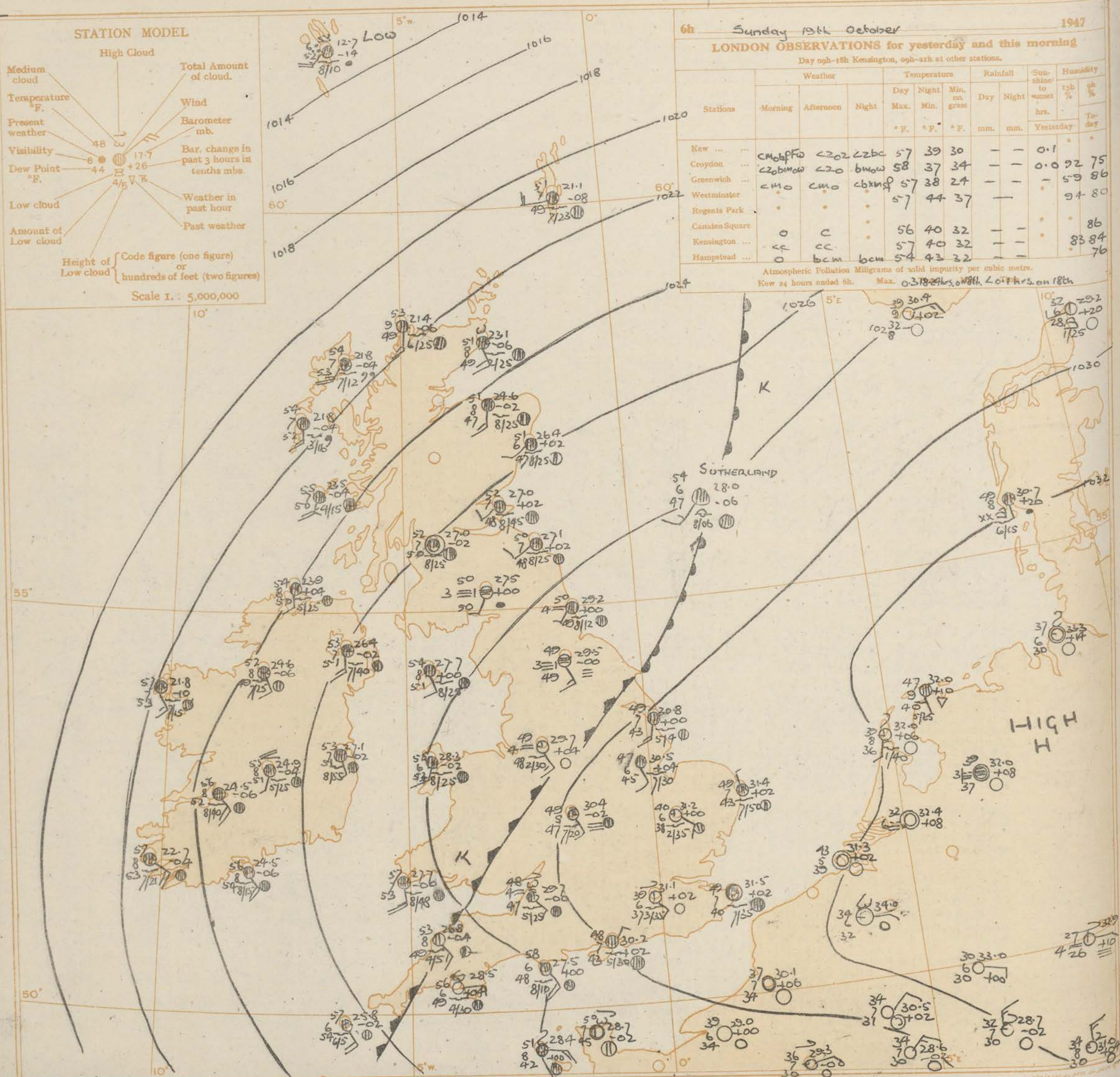
LONDON OBSERVATIONS for yesterday and this morning

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

1847 July 10th - Tuesday												
Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity		
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night	hrs.	12h %	4h %	
				Max.	Min.							
				° F.	° F.	° F.	mm.	mm.		Yesterday	To- day	
Kew ...	cmobpfo	c2o2	c2bc	57	39	30	-	-	0.1	.	.	
Croydon ...	c2obimow	c2o	bmow	58	37	34	-	-	0.0	92	75	
Greenwich ...	cmo	cmo	cbxng	57	38	24	-	-	-	59	86	
Westminster				57	44	37	-	-		94	87	
Regents Park	.	.	.							.	.
Camden Square				56	40	32	-	-		.	86	
Kensington ...	cc	cc		57	40	32	-	-		.	83 84	
Hampstead ...	o	bcm	bcm	54	43	32	-	-			76	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.31824 hrs. on 18th. 2.07 hrs. on 18th



GENERAL INFERENCE

A large anticyclone centred near the Balkans extends over the British Isles while pressure remains low southwest of Iceland. It will be fair or fine over England and Wales and rather warm for a while this afternoon but, except in Southwest England, there will be ground frost in many areas with perhaps slight air frost in a few sheltered districts inland in east and southeast England and the Midlands. A few mist and fog patches may occur also in the early morning in Eastern and central districts. It will be rather mild and mainly cloudy in Scotland and Northern Ireland with local drizzle in the West but there will be bright periods in the East.

FURTHER OUTLOOK

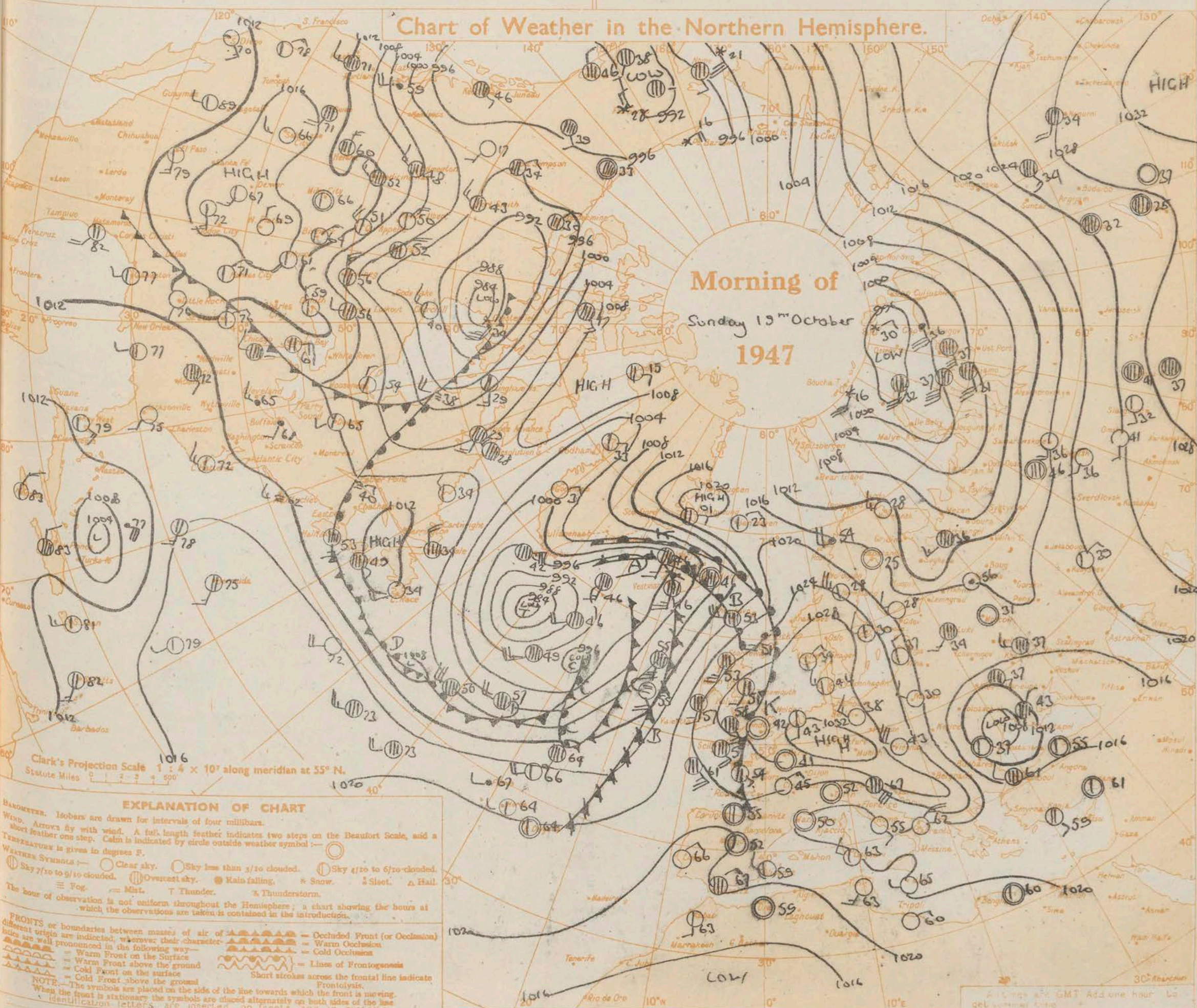
Remaining fair or fine in Eastern and Southern England for several days with rather warm afternoons but some frost in the early mornings. Generally fair elsewhere but some rain likely in North and West Scotland and possibly also in Northern Ireland.

Chart of Weather in the Northern Hemisphere.

Morning of

Sunday 13th October

1947



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 3/10 to 6/10 clouded. ☁ Sky 7/10 to 9/10 clouded. ☁ Overcast sky. ☁ Rain falling. ☁ Snow. ☁ Sleet. ☁ Hail.
 ☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way:
 — Warm Front on the Surface
 — Warm Front above the ground
 — Cold Front on the surface
 — Cold Front above the ground
 — Occluded Front (or Occlusion)
 — Warm Occlusion
 — Cold Occlusion
 — Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis.
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

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

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

OBSERVATIONS during DAY (1966)

[illegible]

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

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

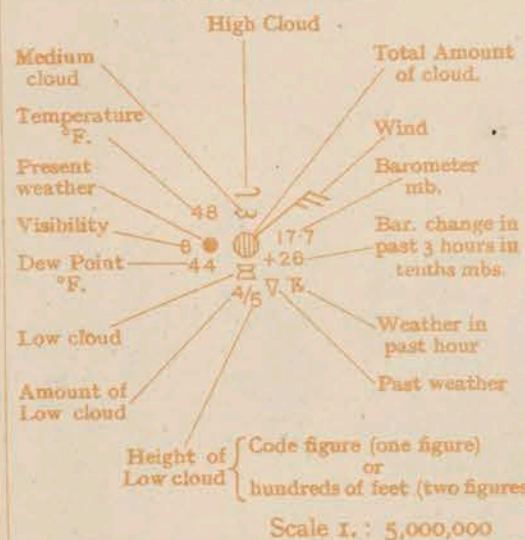
* Information not usually received.

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

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

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

STATION MODEL



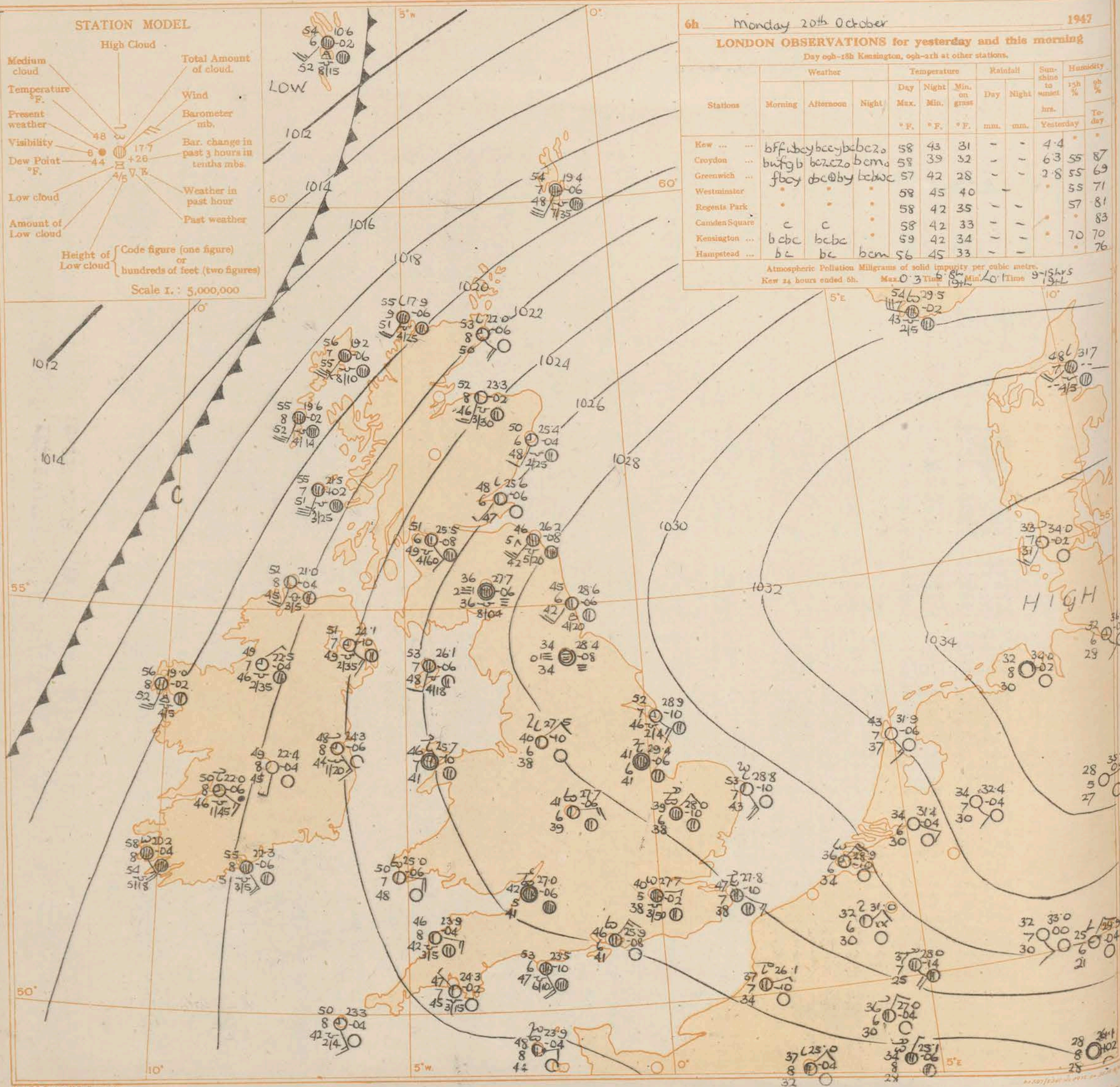
6h Monday 20th October

1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity		
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	6h %	
				Max.	Min.							
	° F.	° F.	° F.	mm.	mm.	hrs.	Yesterday	To- day				
Kew ...	bff	bcy	bcy	bcz	58	43	31	-	-	4.4	•	•
Croydon ...	buffg	bz	bcz	bcz	58	39	32	-	-	6.3	55	87
Greenwich ...	fbcy	bcz	bcy	bcz	57	42	28	-	-	2.8	55	69
Westminster	•	•	•	•	58	45	40	-	-	•	55	71
Regents Park	•	•	•	•	58	42	35	-	-	•	57	81
Camden Square	c	c	•	•	58	42	33	-	-	•	•	83
Kensington ...	bcbz	bcbz	•	•	59	42	34	-	-	•	70	70
Hampstead ...	bc	bc	bcz	bcz	56	45	33	-	-	•	•	76

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.3 Time 5.8h Min. 0.1 Time 19.1h

GENERAL INFERENCE

A large anticyclone is centred over Germany and pressure is low south west of Iceland. It will be fair or fine in most districts, but cloudy with occasional slight rain in Northwest Scotland. It will be mainly rather cold. Winds will reach gale force at times in extreme North and Northwest Scotland.

FURTHER OUTLOOK

Little change during next few days.

▼ Gale warning in operation in North of district 16.
Issued at 2125. 19th October, 1947.

Chart of Weather in the Northern Hemisphere.

Morning of
Monday 20th October
1947

Clark's Projection Scale 1 : 4 × 10⁶ 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. T Thunder. T Thunderstorm.

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

All times are GMT. Add one hour to get summer time.

OBSERVATIONS during DAY (20th)[illegible]

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

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

* Information not usually received.

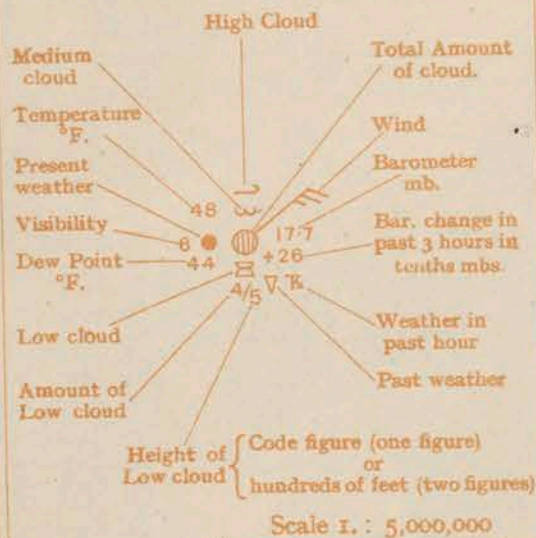
0 = Nil 2 = $\frac{1}{10}$ 4 = $\frac{1}{2}$ 6 = $\frac{8}{10}$
1 = Trace 3 = $\frac{1}{2}$ 5 = $\frac{1}{2}$ 7 = More than 9 but with openings

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

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

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

STATION MODEL

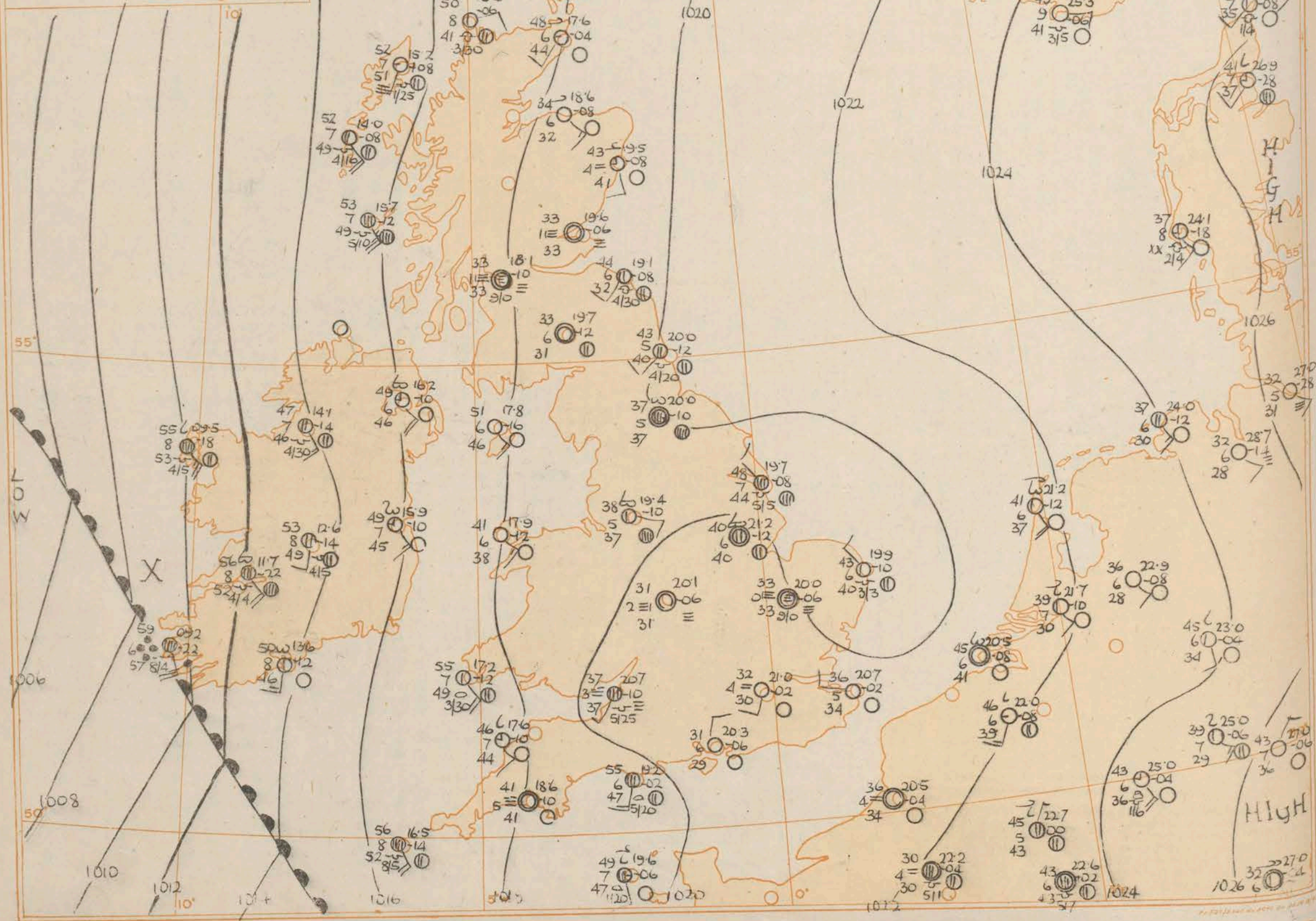


6h Tuesday 21st October 1947

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	bcmov	cybcz	befw	53	33	24	-	Tr	0.7	57	85
Croydon ...	cmz	cybcz	bcmoxw	53	31	24	-	Tr	1.5	60	77
Greenwich ...	cbcc	cbm	bcmf	53	29	16	-	Tr	0.6	61	96
Westminster	.	.	.	52	34	29	-	-	.	60	95
Regents Park	.	.	.	52	34	27	-	-	.	.	97
Camden Square	c	c	.	53	35	27	-	-	.	.	95
Kensington	fb	ofx	.	53	34	25	-	-	.	.	83
Hampstead	bc	bcm	ofbc	51	40	31	-	-	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0.4 Time 20.4 Min 0.1 Time 8.15



GENERAL INFERENCE

A southerly stream of air covers the British Isles whilst a trough of low pressure is slowly approaching our western coasts. It will be fair or fine in the Midlands and East but there will be some increase of cloud in western districts and local rain may occur.

FURTHER OUTLOOK

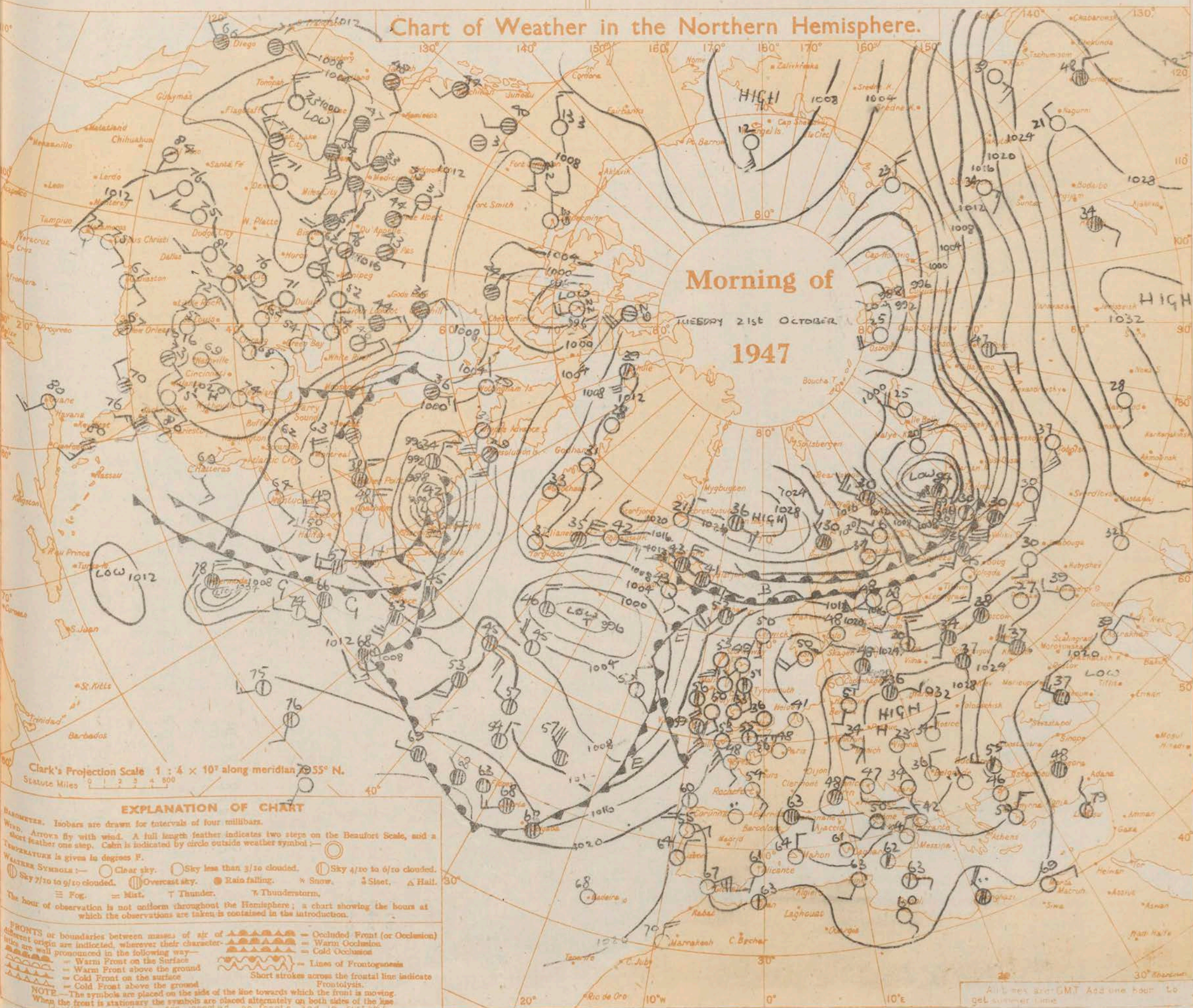
Occasional rain or showers in the West, doubtful in the East but there may be some local rain

Chart of Weather in the Northern Hemisphere.

Morning of






TUESDAY 21st OCTOBER

1947

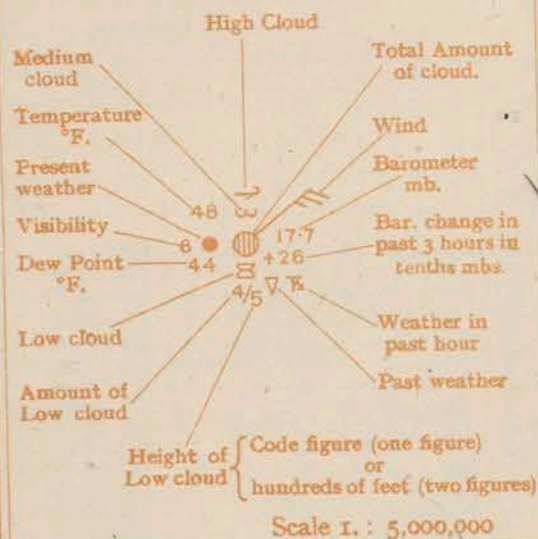


OBSERVATIONS during DAY (21st)

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

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

STATION MODEL



6h

Wednesday 22nd October

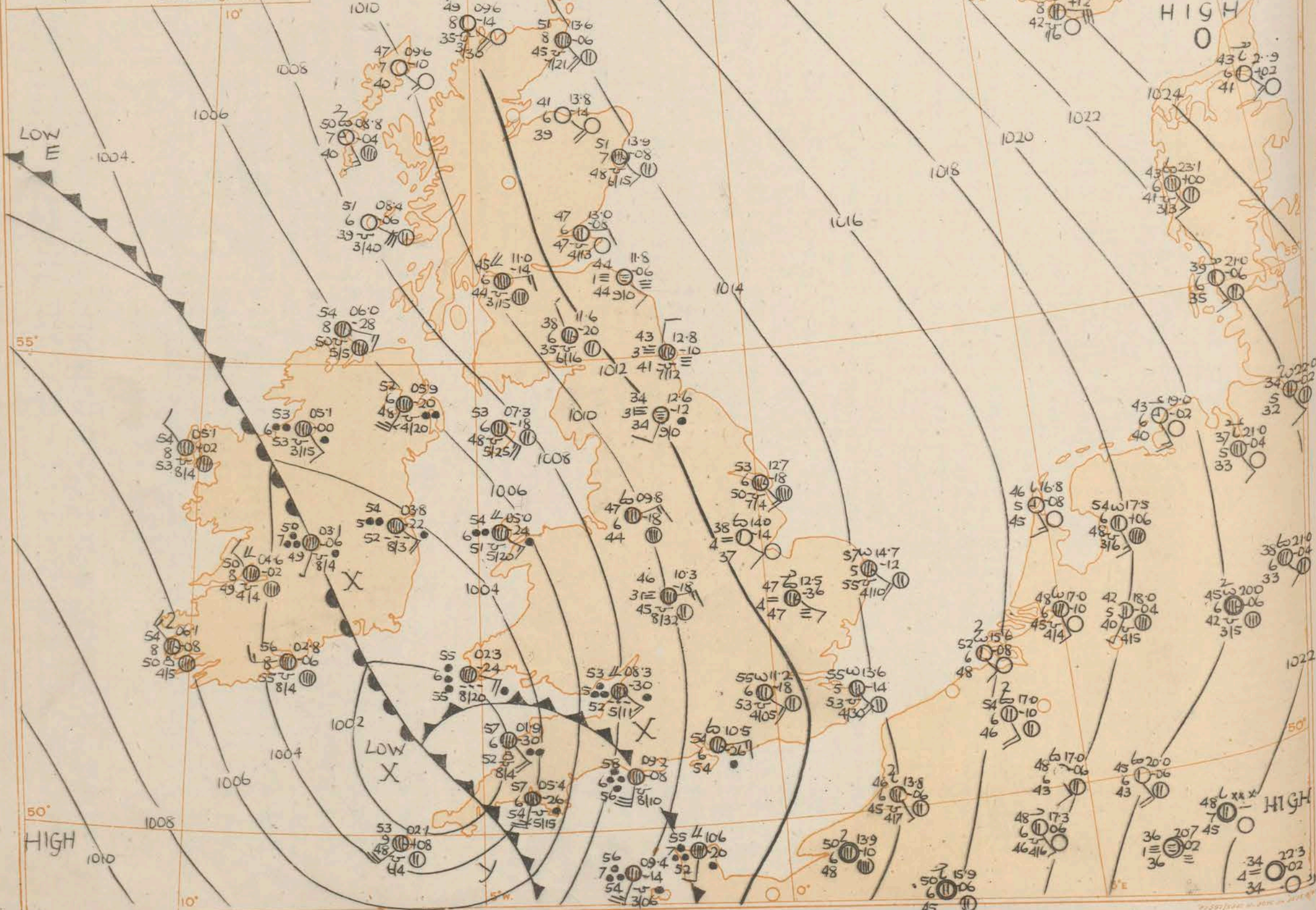
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max. °F.	Night Min. °F.	Min. on grass °F.	Day mm.	Night mm.		15h %	9h %
Kew ...	ofebf	omobcf	bctfw	56	44	33	-	Tr	5.6	55	85
Croydon ...	bmxbf	bfbzoyb2	bc2o	60	45	39	-	-	8.4	65	90
Greenwich ...	bf	bmf	cbwoc	59	44	27	-	Tr	6.1	92	85
Westminster	.	.	.	58	39	39	-	-	.	57	87
Regents Park	.	.	.	57	37	36	-	-	.	57	93
Camden Square	of	o	.	57	39	34	-	-	.	69	91
Kensington ...	br	ofbct	.	59	44	36	-	-	.	92	92
Hamptstead ...	13	bct	of	57	42	33	-	-	.	.	.

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 5h. Max. 0.4 Time 18.24hrs 21st Min. 0.1 Time 10.17hrs 21st



GENERAL INFERENCE

A deepening depression over the Southwestern districts is moving north. There will be rain at first in eastern and northern districts of England and in North Ireland, followed by mainly fair weather and local showers. Rain will spread northwards across Scotland with showers and fair periods tomorrow. There will be fair periods and scattered showers in the Southwest. Rather cold.

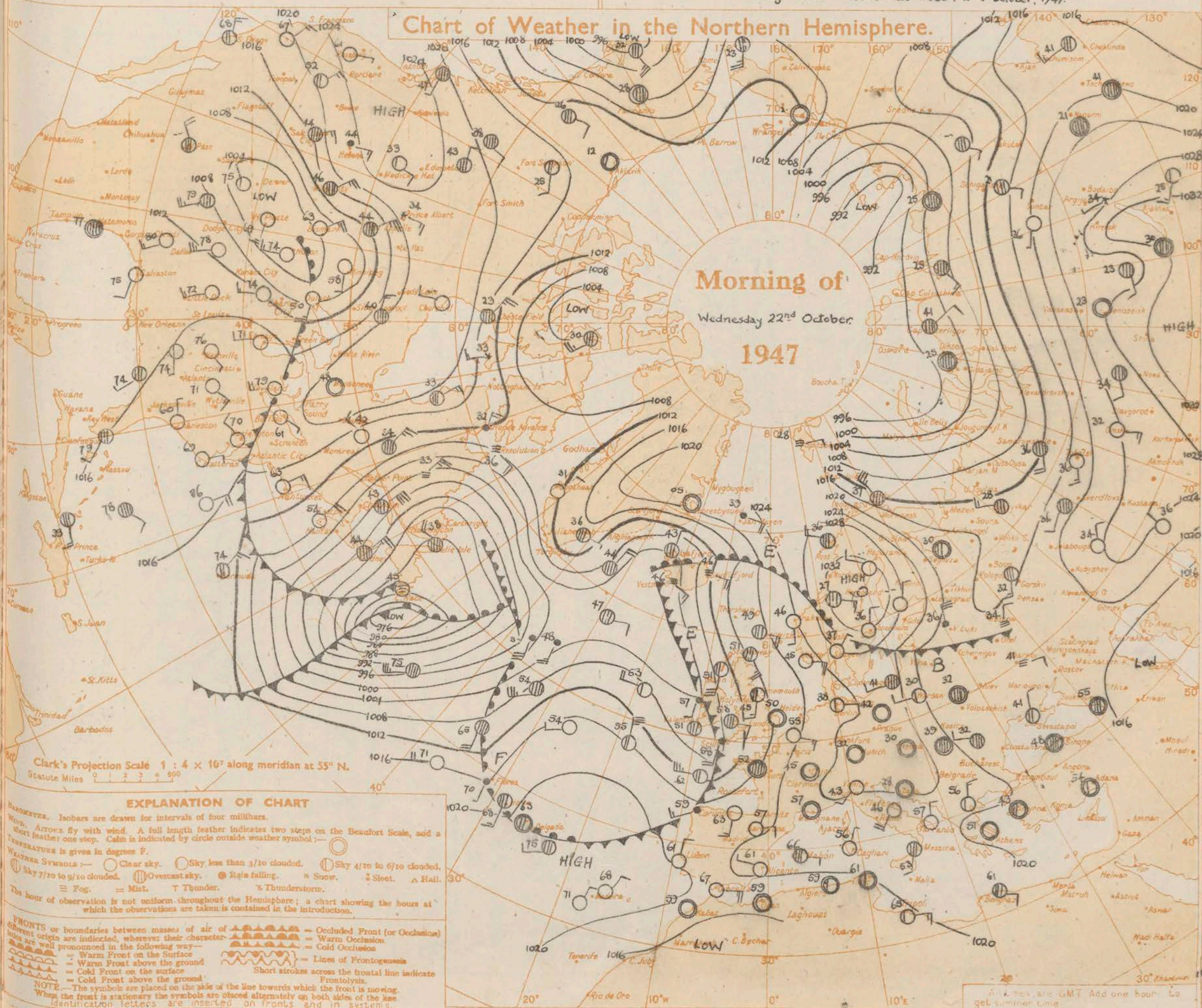
FURTHER OUTLOOK

Local showers at first: rain probably reaching western districts and spreading east.

↓ Gale warning in operation on coasts from Cardiff to the River Dee and from Weymouth to Beachy Head. Issued at 0350. 22nd October, 1947.

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 22nd October,
1947



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 22nd October 1947

No. 31380

OBSERVATIONS at 00hr. G.M.T. 22nd October

OBSERVATIONS at 06hr. G.M.T. 22nd October

9 h.

OBSERVATIONS Tuesday NIGHT

District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Dew Point °F.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.
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The DAILY WEATHER REPORT is issued in three Sections - British, International, Upper Air.

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

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

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

OBSERVATIONS during DAY (22nd)

Distance.	Stations.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.					State of Ground.	Weather.		Max. Temp. 24h.	Sun-shine Hrs.	Rain 24h.							
				Dir.	Force.				Form.	Amount.			Height of Base Hundreds of feet.			Dir.	Force.				Form.	Amount.			Height of Base Hundreds of feet.													
										Low.	Med.	High.										Total.	Low.	Med.			High.	Total.										
																																A.	B.	C.				
1	Kew ...	10.1	-6	SSE	3	cl	56	52	6	5	2	-	8	3	6	12	25	09.5	+2	SSE	2	c	54	47	7	5	-	8	6	-	28	-	1	cfwrm	cmwrm	60	0.8	1
	Croydon ...	10.1	-10	SSE	4	ro	56	52	6	5	7	-	8	3	3	12	15	09.5	-2	SSE	3	mo	54	48	6	5	-	4	4	-	30	-	1	cmowcmo	cmowcmo	61	0.8	2
	Wimbledon ...	09.2	-14	SSE	3	pb	55	54	6	8	3	-	8	4	7	8	15	08.9	-2	S	4	pr	55	50	7	8	-	7	7	-	20	-	1	bcampsprs	cmwrm	60	1.7	3
	Boscombe Down	08.6	-6	S	6	c-bc	56	47	7	5	3	-	5	4	2	10	25	08.1	+4	S	5	pr	57	51	7	8	-	7	7	-	20	-	1	cmwrm	cmwrm	58	2.0	2
	Calshot	10.2	0	SW	5	c-bc	59	51	8	7	7	-	5	3	4	15	25	08.6	-2	SSW	5	c/pr	57	53	7	8	-	7	7	-	12	-	1	bcmo	cmwrm	60	1.7	4
	Tangmere	10.9	-4	SW	4	c	58	54	7	5	2	-	6	4	4	15	-	10.1	-2	SSW	4	ro	57	52	7	5	-	7	7	-	15	-	1	cmwrm	cmwrm	61	1.8	3
	Lymington	12.3	-4	SSW	3	ro	57	53	6	6	2	-	8	3	8	6	40	11.8	+2	SW	3	bc	54	49	7	5	-	2	4	3	40	-	1	cmwrm	cmwrm	60	1.6	1
	Manston	12.3	-6	SW	4	c	61	55	6	5	2	-	7	6	8	20	-	12.3	0	SE	2	bc	53	51	7	8	-	4	3	4	25	-	1	bcmo	cmwrm	61	1.4	1
	Shoeburyness	11.8	+2	SW	4	rr	58	53	6	5	-	-	8	8	-	20	-	11.4	+2	S	4	bc	56	50	6	5	-	4	4	3	50	-	1	cmowcmo	cmowcmo	62	1.0	2
	Felixstowe	12.2	-2	SW	3	rr	60	55	6	5	-	-	7	7	-	70	-	11.7	-2	SW	4	c	57	55	7	5	-	6	6	-	35	-	1	cmo	cmwrm	61	1.4	0.2
	Gorleston	13.2	-6	SE	4	mo	58	55	5	5	7	3	6	4	3	8	72	12.0	0	SSE	3	c/pr	55	53	7	3	-	5	5	-	15	-	1	cmwrm	cmwrm	61	2.2	2
	Mildenhall	10.8	-4	SSE	4	cl	61	54	6	5	7	-	7	3	7	25	-	10.4	+6	SE	3	mo	54	52	6	-	7	8	5	2	5	-	1	cmwrm	cmwrm	61	0.3	0.8
	West Raynham	11.7	-4	SSE	4																																	

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

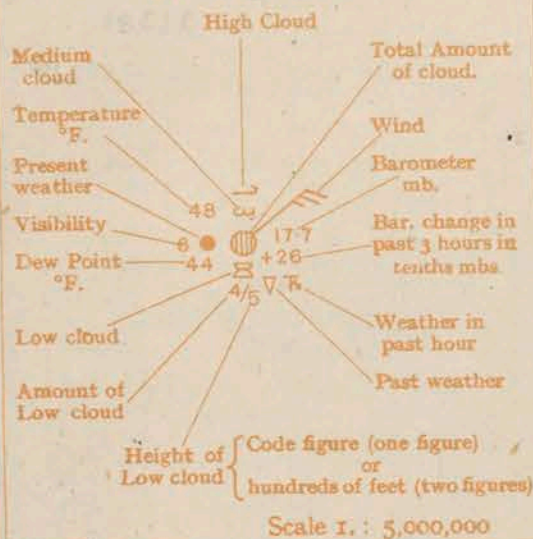
8 = Completely covered.

A = Lowest cloud present

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

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

STATION MODEL



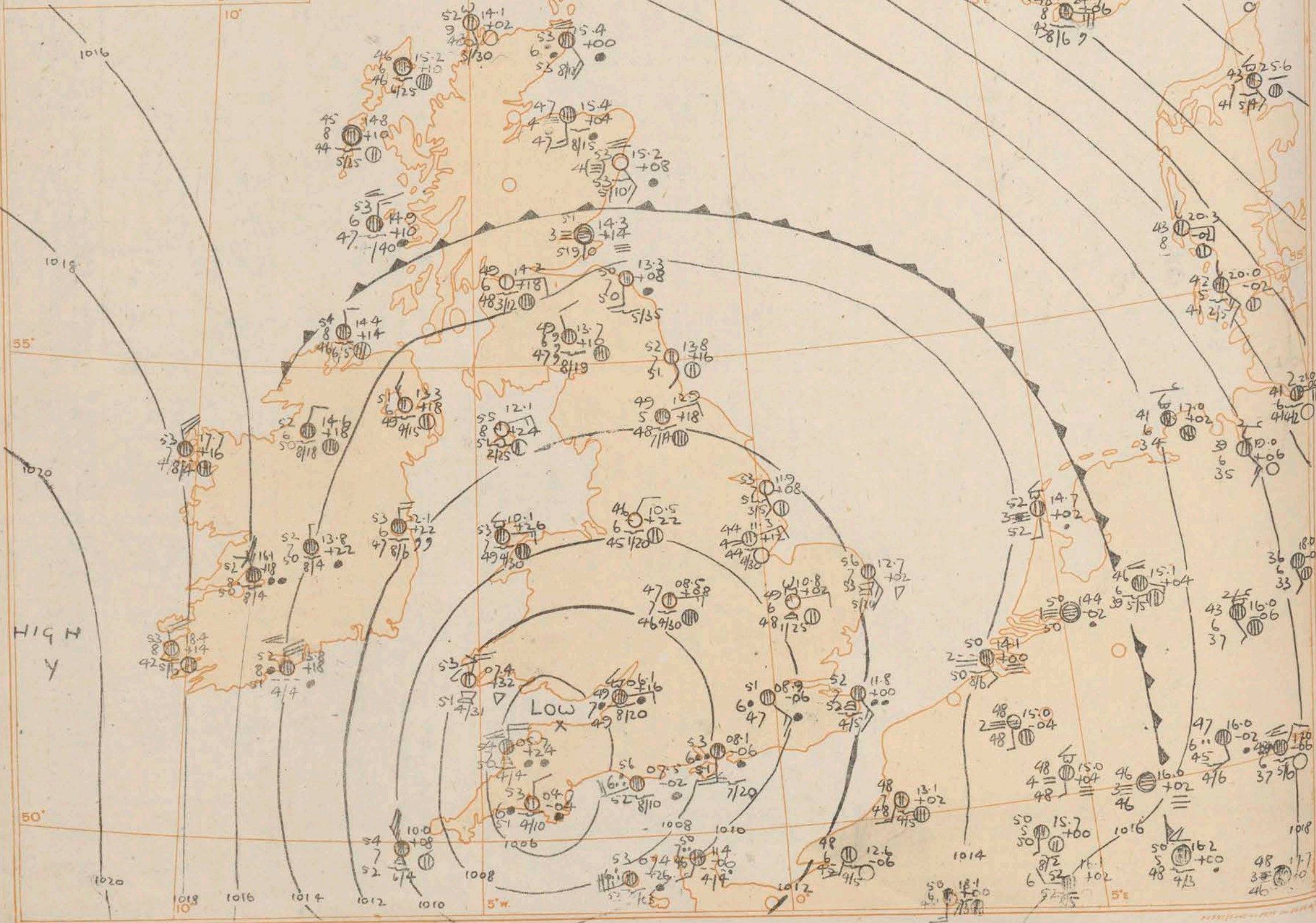
6h Thursday 23rd October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew	cfw/amo	cfw/mo	cp/e	60	50	44	1	1	0.8	45	89
Croydon	cm/vcm	cp/mo	sc/mo	61	51	47	2	4	0.8	69	91
Greenwich	ev/v	v/cbc	bcbav	60	48	37	0.5	1.8	0.3	71	93
Westminster				60	51	47	1.2			61	93
Regents Park				60	51	46	TV	1.2			93
Camden Square	ev	v/c		60	51	40	0.8	0.5			93
Kensington	cpbc	bcbpbc		61	51	43	0.8	0.5		77	93
Hampstead	opvqr	bc	bcor	59	49	38	0.5	0.6			94

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.468, 15.0, 2.0, 2.1, rest of period



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GENERAL INFERENCE

A depression over Southwest England is moving steadily Southeast and filling up with a ridge developing from the Southwest across the British Isles. It will be mainly cloudy today with some light local rain in the North but with periods of rain or showers, heavy locally, in Southern half of England. By tonight it will become fair generally apart from some rain spreading later to Northern Ireland and Western Scotland and local fog will form later in many districts. It will be generally rather cold and there may be some local ground frost in sheltered eastern and central districts early tomorrow.

FURTHER OUTLOOK

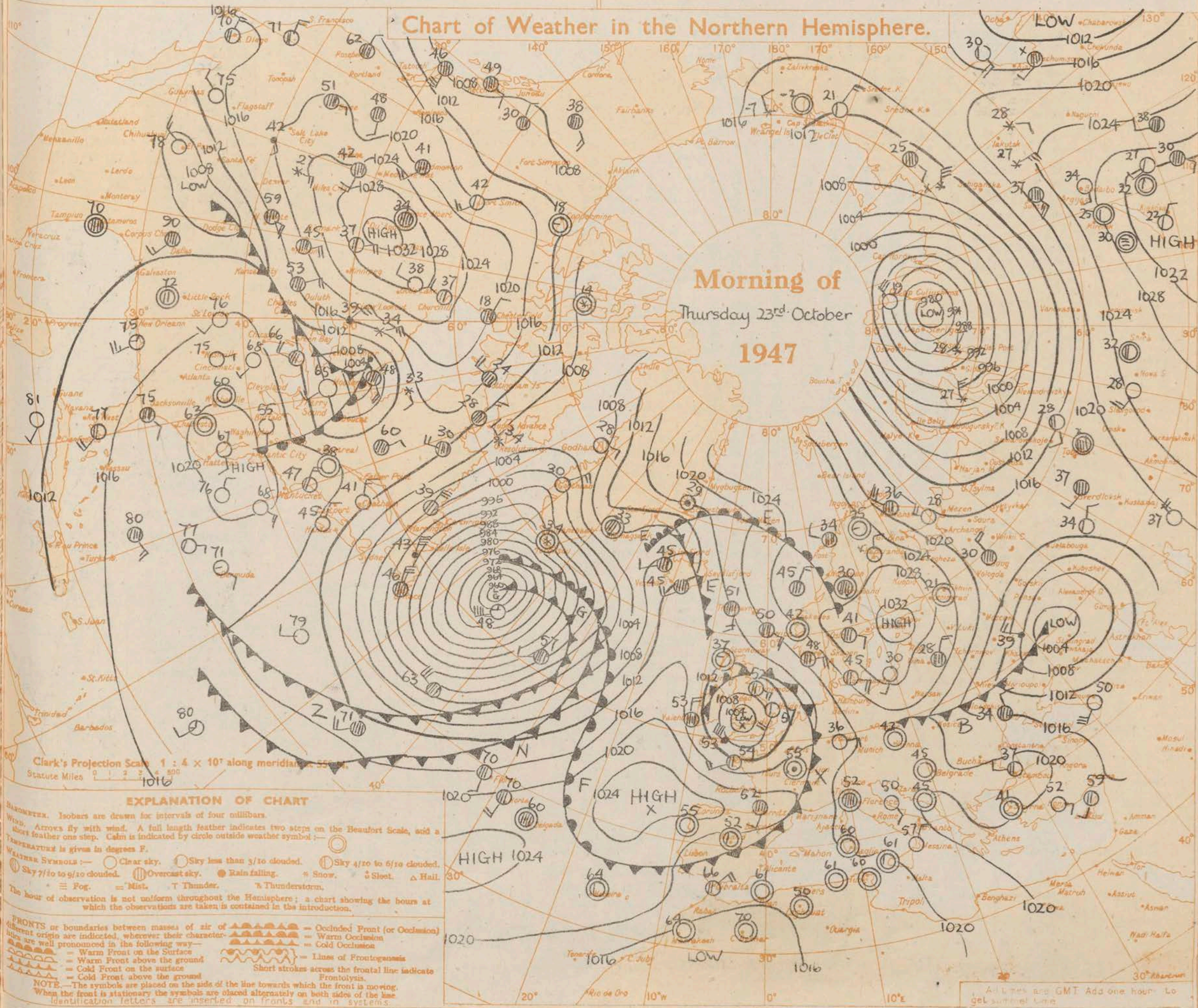
Continuing fair in Southeast districts and the Midlands with local night and morning fog. Mainly cloudy to the West and North with some local rain.

Gale Warning:

Warnings of westerly gales are in operation in land areas West of a line Lynton to Exmouth and in Channel Islands.

Chart of Weather in the Northern Hemisphere.

Morning of
Thursday 23rd October
1947



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 23rd October 1947

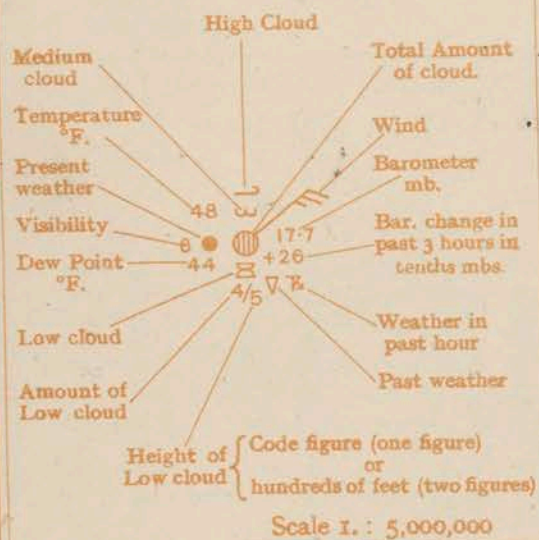
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* Information not usually received.
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STATION MODEL



6h Friday 24th Oct

1947

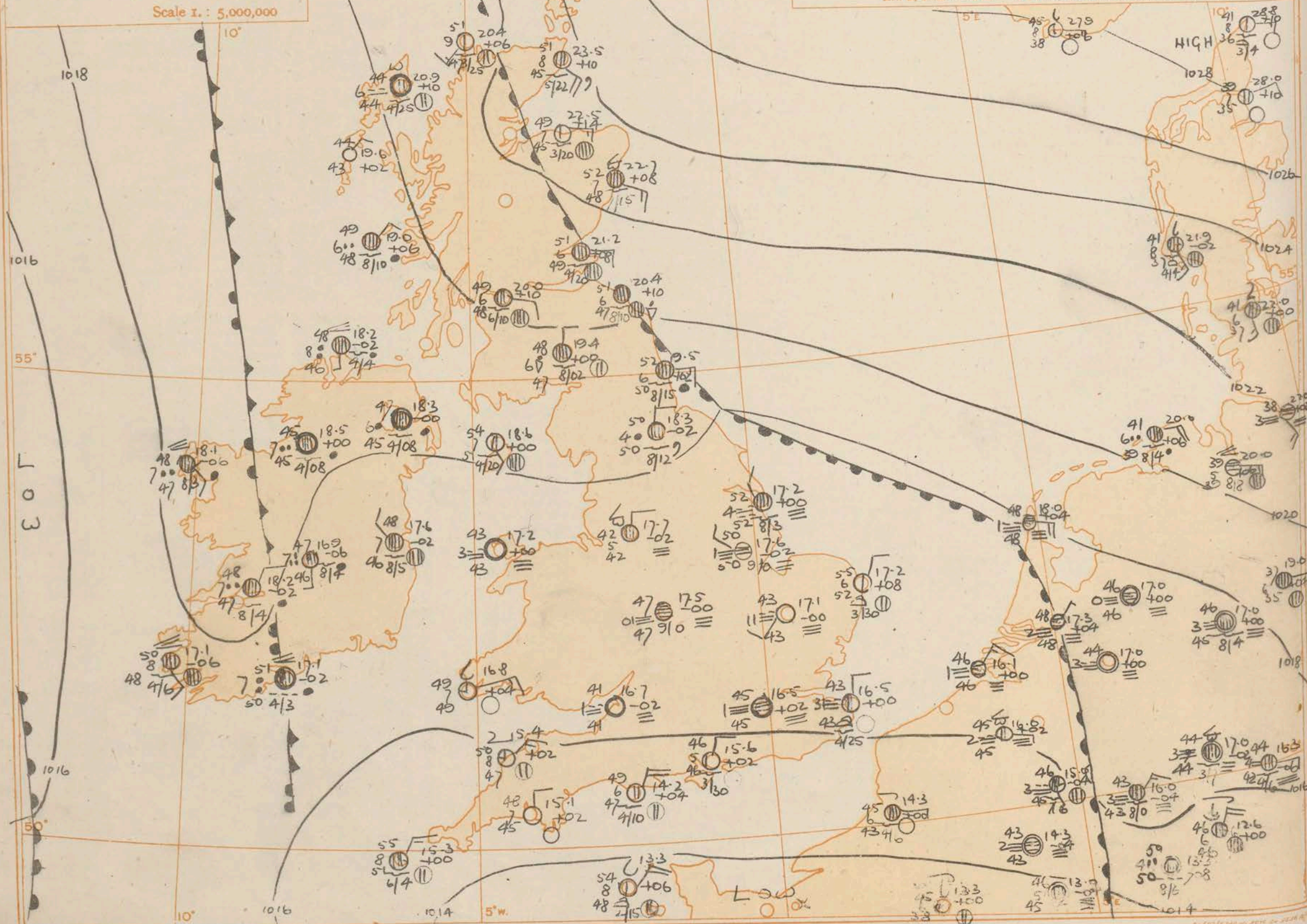
LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		13h %	9h %
Kew	cb	bc	bc	61	40	30	0.1	Tr	3.9	63	99
Croydon	cb	bc	bc	61	39	32	0.3	-	4.3	63	99
Greenwich	cb	bc	bc	62	43	28	-	Tr	5.5	63	96
Westminster	.	.	.	61	45	39	-	-	.	59	94
Regents Park	.	.	.	61	44	38	Tr	-	.	60	95
Camden Square	c	bc	.	63	43	36	Tr	-	.	59	98
Kensington	bc	bc	bc	62	45	35	0.1	Tr	.	59	95
Hamstead	orbc	bc	bc	60	42	40	0.7	-	.	58	98

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max 0.621. 2.3 on 23rd. Min 0.110-1.6 on 23rd



A Northwest moving British Isles eastern main in many most local

Clark Statue

BAROMETER, Wind, Air, Short weather

TEMPERATURE, WEATHER SYM

Sky 7/10

The hour of

FRONTS of different origin

are well

NOTE

When

GENERAL INFERENCE

A large anticyclone centred over Scandinavia is spreading slowly Northwest towards the British Isles. A depression over West France is moving slowly South and a trough of low pressure to westward of the British Isles is almost stationary. There will be occasional rain in Ireland and locally in West and South Scotland and Northern and Eastern England. In Wales, the Midlands, and Southern England it will be mainly fair this afternoon and evening but fog is probable again in many places tonight. It will be rather cold in all districts and with ground frost locally at night in Eastern districts of England and the Midlands.

FURTHER OUTLOOK

Mainly cloudy and rather cold: occasional rain in the West and Northwest.

Chart of Weather in the Northern Hemisphere.

Morning of
Friday 24th October.
1947

Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.

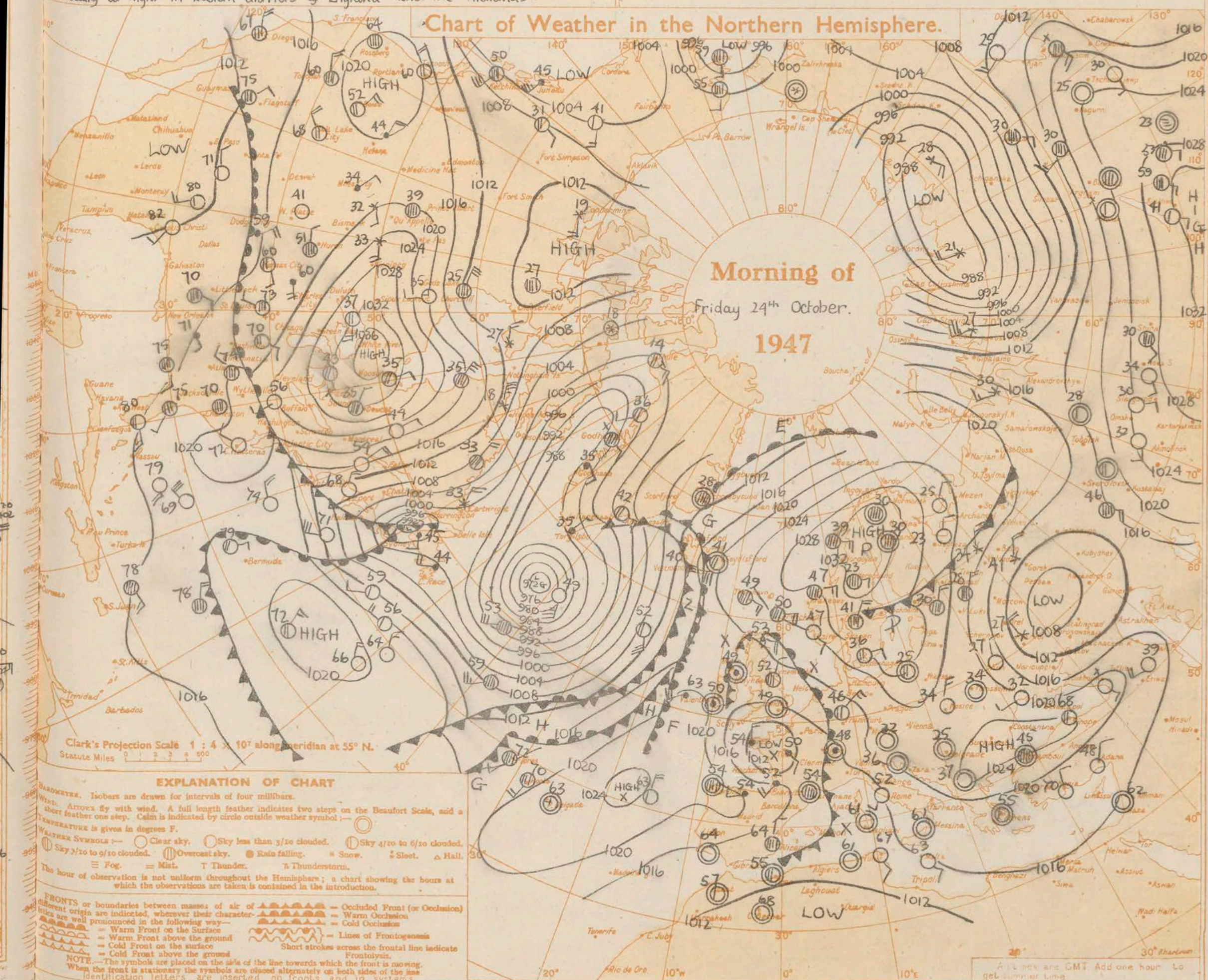
EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.
Wind. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.

WEATHER SYMBOLS. — Clear sky. — Sky less than 3/10 clouded. — Sky 3/10 to 5/10 clouded. — Sky 5/10 to 9/10 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.

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

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

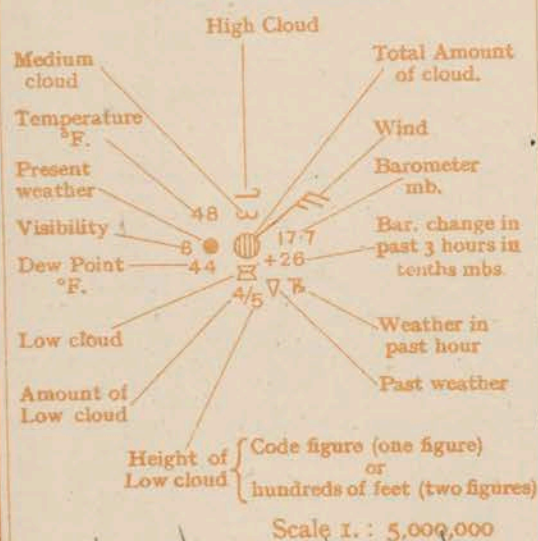


All times are GMT Add one hour to get summer time.

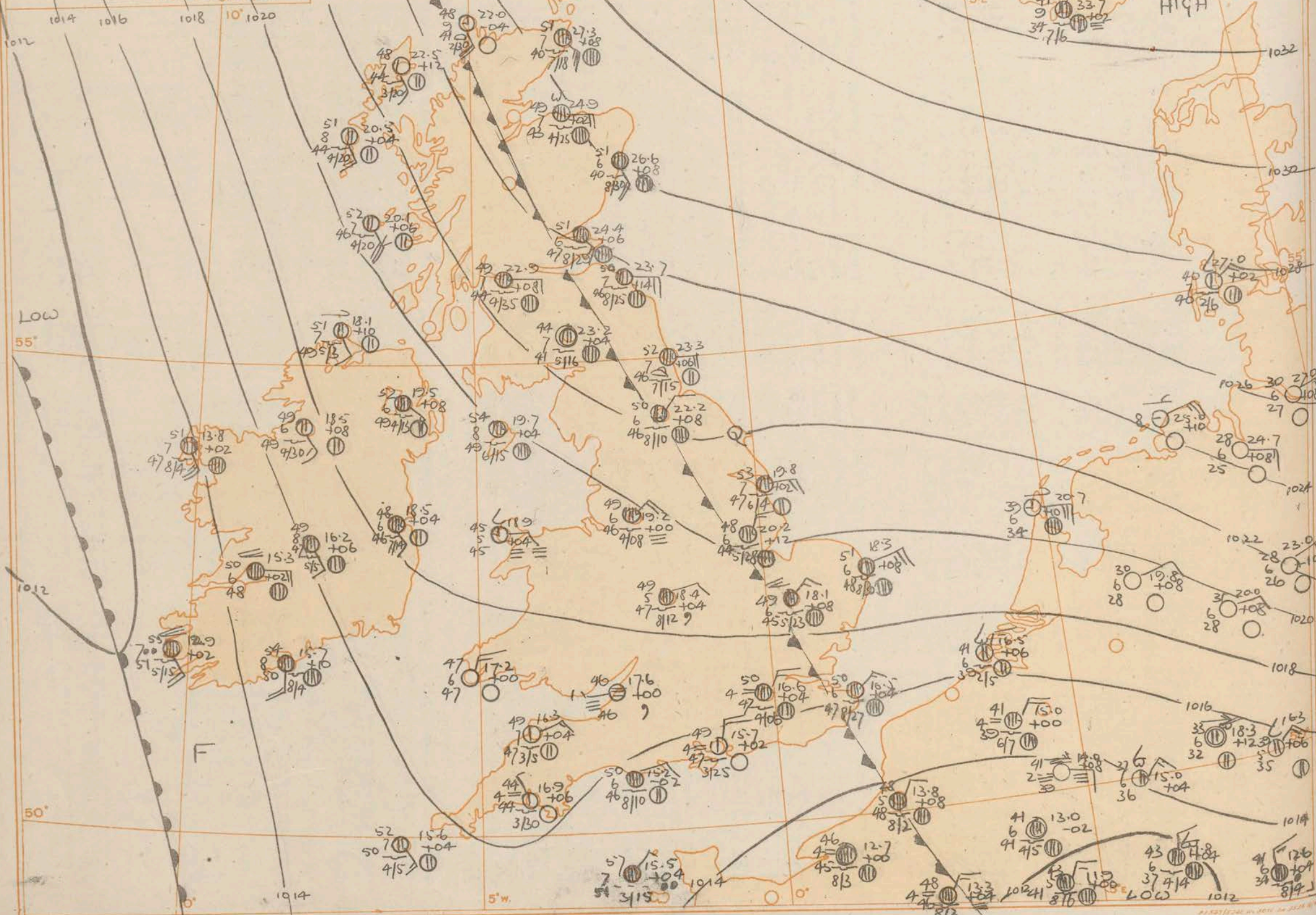
OBSERVATIONS during DAY (29th)

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

STATION MODEL



Scale 1 : 5,000,000



6h Saturday 25th October 1947

1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew	oFbfw	cp/bm/bw	bc/bw	57	50	45	Tr	-	2.9	75	85
Croydon	Fefp	bc/bw	bc/bw	58	48	43	-	0.1	0.6	75	85
Greenwich	Fefp	cp/bw	bc/bw	58	49	40	0.8	Tr	1.5	83	83
Westminster	.	.	.	59	47	47	0.3	.	.	85	85
Regents Park	.	.	.	59	45	43	-	-	.	83	83
Camden Square	o	cp	.	59	45	40	Tr	-	.	86	.
Kensington	cbcc	cb/bw	.	59	50	43	Tr	-	.	87	87
Hampstead	bc	bc	bc	56	45	39	-	-	.	87	87

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0.48/9h on 25th. L 0.41/11h on 25th.

GENERAL INFERENCE

An anticyclone over Scandinavia is moving slowly West. A cold easterly current from the continent is spreading across the British Isles. Weather will be fair with extensive breaks in the cloud cover. It will be rather cold with ground frost locally at night.

FURTHER OUTLOOK

Little change.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 25th October
1947

Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETRIC. Isobars are drawn for intervals of four millibars.
WIND. Arrows by with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.

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

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

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

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

All times are GMT Add one hour to get summer time

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 25th October 1947

No. 31383

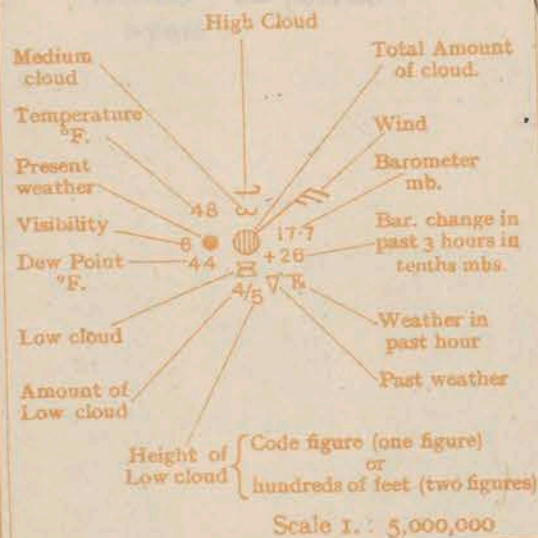
OBSERVATIONS at 06hr. G.M.T. 25 th October																				OBSERVATIONS at 06hr. G.M.T. 25 th October																				OBSERVATIONS Friday NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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* Information not usually received.
† Second figure in col. (33) gives depth of snow in inches.

OBSERVATIONS during DAY (25th).

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

STATION MODEL

6h Sunday 26th October

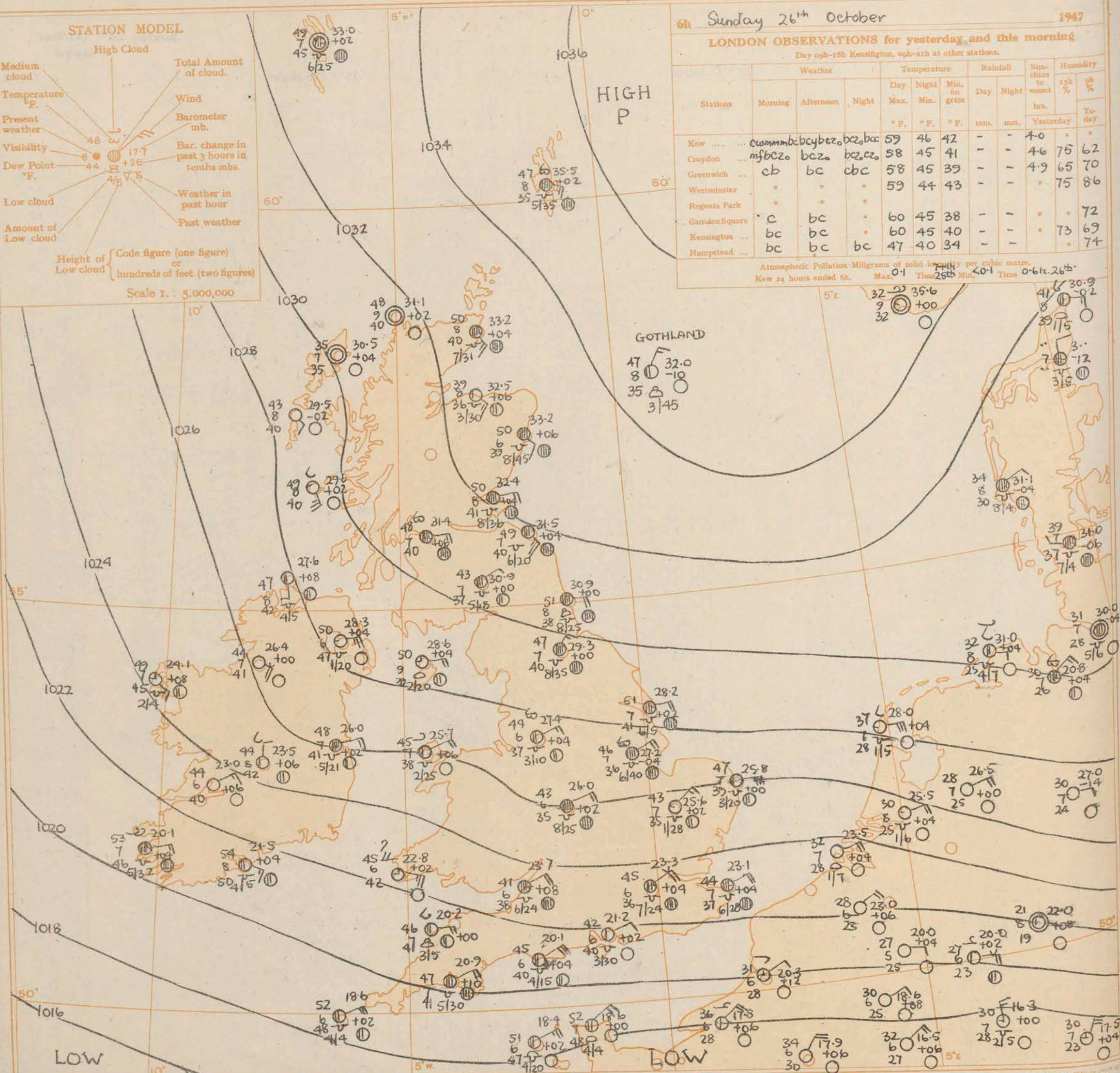
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		19h %	0h %
				° F.	° F.	° F.	mm.	mm.		Vesterday	To-day
Kew	59	46	42	-	-	4.0	75	62
Croydon	58	45	41	-	-	4.6	65	70
Greenwich	58	45	39	-	-	7.5	86	
Westminster	59	44	43	-	-			
Regents Park	60	45	38	-	-			72
Canal Square	60	45	40	-	-		73	69
Kensington	47	40	34	-	-			74
Hampstead								

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 25th Min. 0.1 Time 0-6h. 26th.

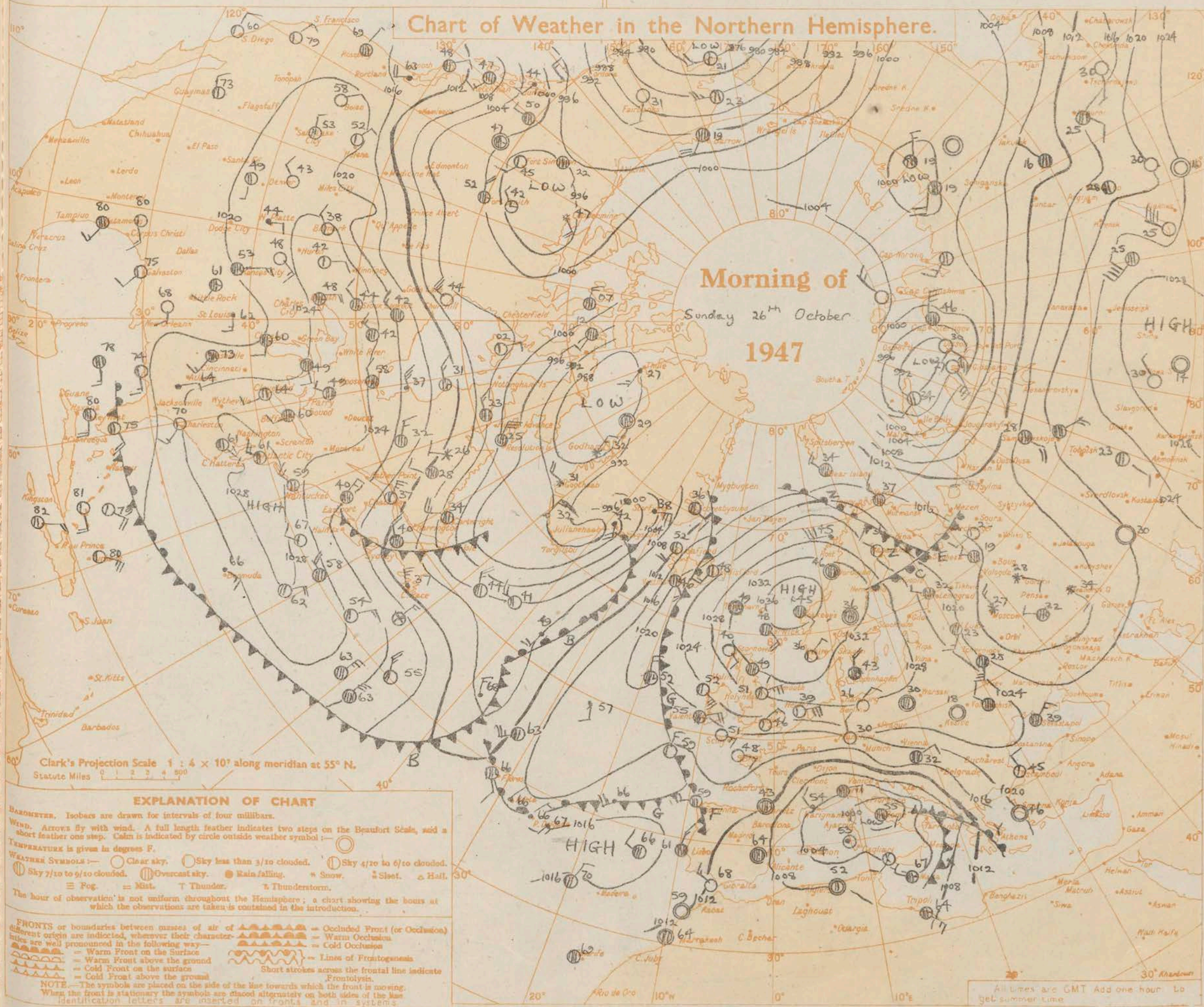


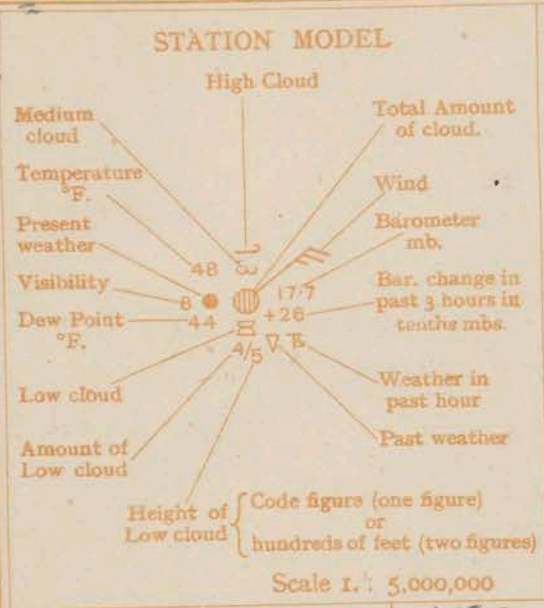
GENERAL INFERENCE
A cold westerly air stream covers the British Isles. It will be fair in most districts with long bright periods, but there will be considerable amounts of cloud at times particularly in eastern districts.
It will be rather cold or cold with frost at night in sheltered inland areas.

FURTHER OUTLOOK
Continuing dry though perhaps with rather more cloud. Temperatures probably rising a little.

Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 26th October
1947





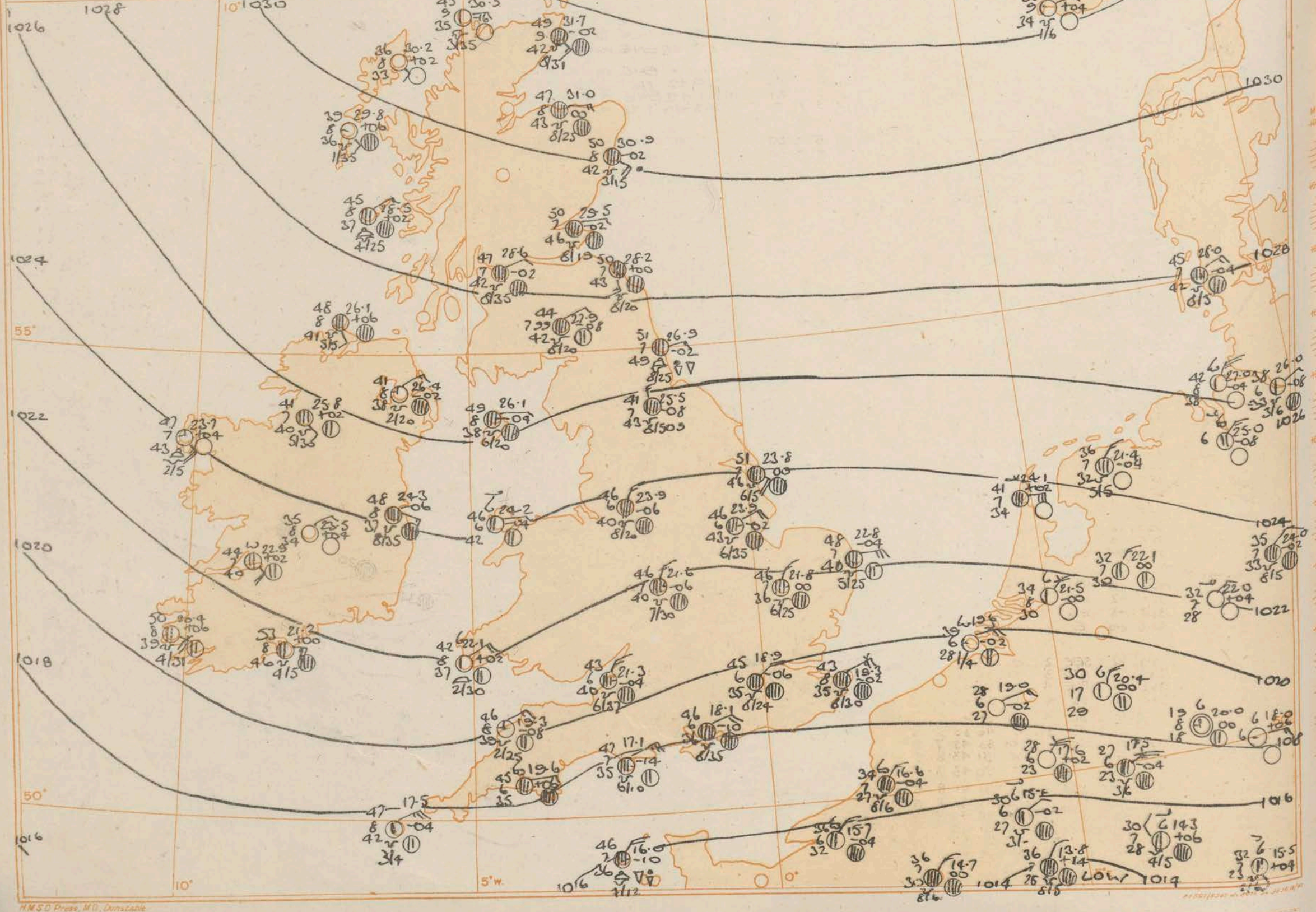
6h Monday 27th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	Obcbbby	bc2y	bc2	52	46	44	-	-	5.3		
Croydon ...	C2	bc2	bc2	51	45	44	-	-	6.4	45	65
Greenwich ...	Obcy	bcy	C	52	45	43	-	-	5.3	43	62
Westminster				54	46	45	-	-		67	86
Regents Park				53	45	43	-	-		47	66
Camden Square	c	b		54	46	40	-	-			65
Kensington ...	bcbc	bcbc		53	44	42	-	-		68	65
Hampstead ...	bc	bc	o	50	43	36	-	-			58

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 20.42 (26.7) 11/10 (21.5)



GENERAL INFERENCE

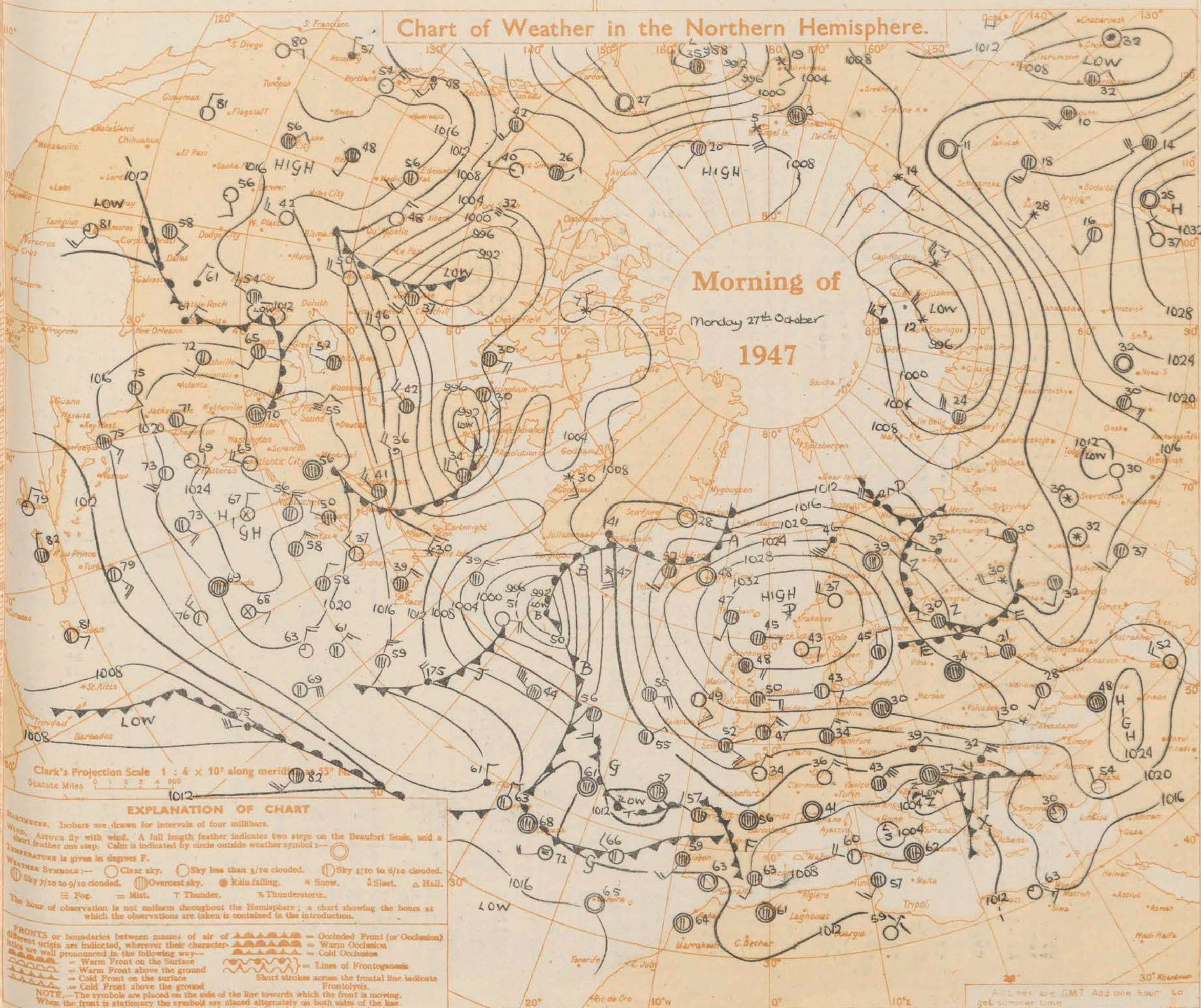
A cold easterly current covers the British Isles. Weather will be mainly cloudy, but there will be bright periods in most southern and western districts. Occasional drizzle may occur locally in northeastern districts. There is a possibility of local ground frost in southern and western districts tonight.

FURTHER OUTLOOK

Little change.

Chart of Weather in the Northern Hemisphere.

Morning of
Monday 27th October
1947



Clark's Projection Scale 1 : 4 x 10⁷ 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 3/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☂ Rain falling. ☃ Snow. ☄ Sleet. ★ Hail. ☆ Thunderstorm.
☉ Fog. ☁ Mist. ☂ Thunder.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS or boundaries between masses of air of different origins are indicated, wherever their characteristics are well pronounced in the following way—
☉ Warm Front on the surface
☂ Warm Front above the ground
☃ Cold Front on the surface
☄ Cold Front above the ground
★ Occluded Front (or Occlusion)
☆ Warm Occlusion
☇ Cold Occlusion
☈ Lines of Frontogenesis
Short strokes across the frontal line indicate Frontolysis.
NOTE. The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

All times are GMT. Add one hour to get summer time.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

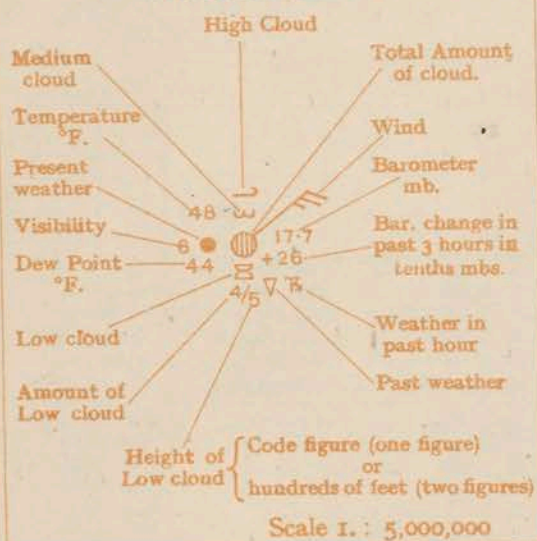
Monday 27th October 1947

No. 31385.

[illegible]

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

STATION MODEL



HIGH

6h Tuesday 28th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

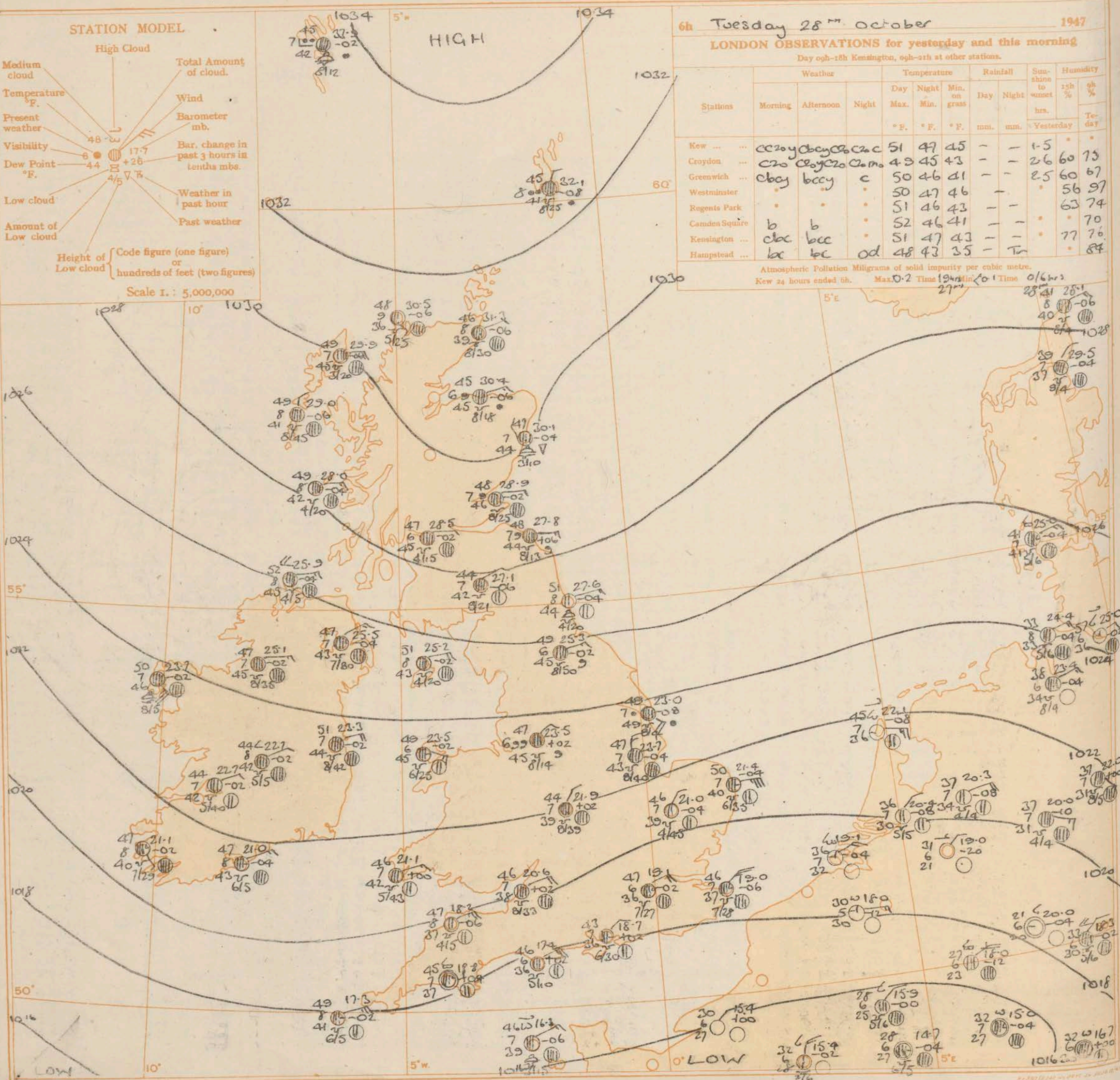
Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew ...	cc20y	cbcy	cc20c	51	47	45	-	-	1.5	60	75
Croydon ...	cc20	cbcy	cc20	49	45	43	-	-	2.6	60	67
Greenwich ...	cbcy	bccy	c	50	46	41	-	-	2.5	60	67
Westminster	.	.	.	50	47	46	-	-	.	56	97
Regents Park	.	.	.	51	46	43	-	-	.	63	74
Camden Square	b	b	.	52	46	41	-	-	.	70	76
Kensington ...	cbcy	bcc	.	51	47	43	-	-	.	77	76
Hampstead ...	bcc	bcc	od	48	43	35	-	-	Tr	.	84

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 06.

Max 0.2 Time 19.45 Min 0.1 Time 0.6 hrs.

27.1 28.1



GENERAL INFERENCE

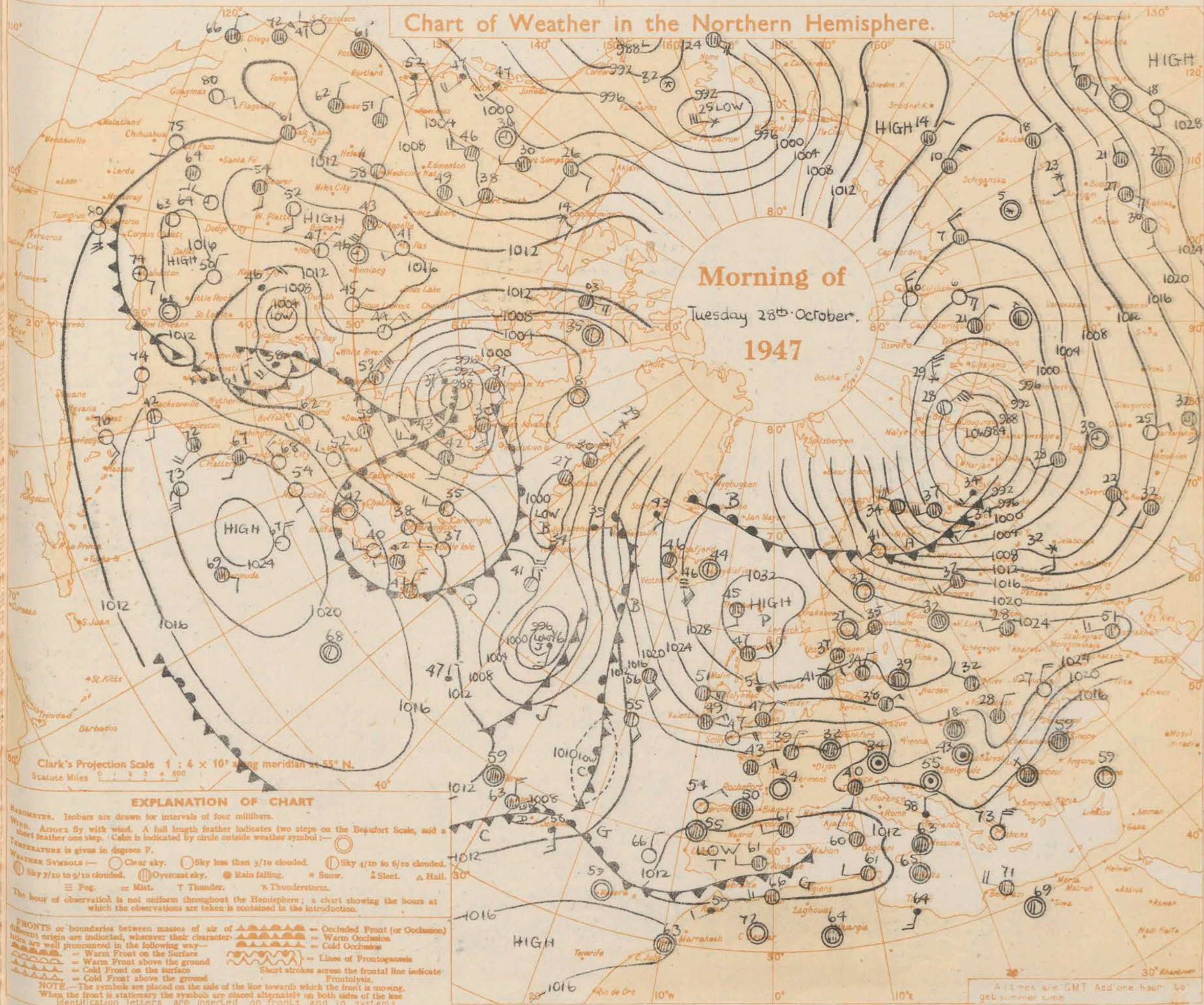
A rather cold easterly airstream covers the British Isles. In most areas weather will be cloudy with slight local drizzle and also on the eastern seaboard and in some eastern districts, and the extreme West of the Channel some light local rain. There will be some bright periods in the West and Northwest and probably in some inland districts in the South during the afternoon. Winds will be moderate fresh easterly in the South and light to moderate easterly in the north. There is a risk of ground frost in sheltered areas in the West early tomorrow.

FURTHER OUTLOOK

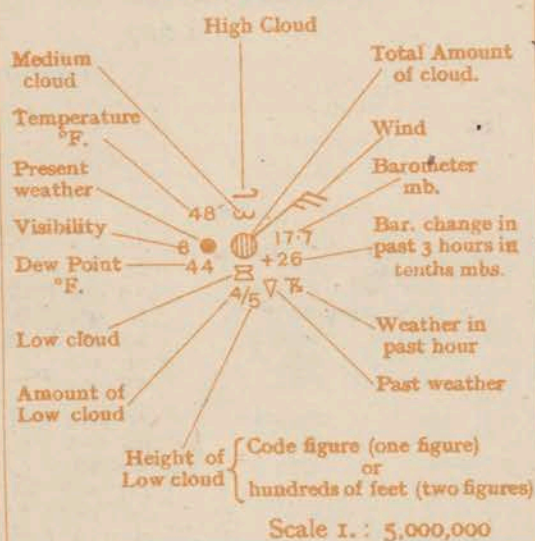
Little general change.

Chart of Weather in the Northern Hemisphere.

Morning of
Tuesday 28th October.
1947



STATION MODEL

HIGH
P6h Wednesday 29th October

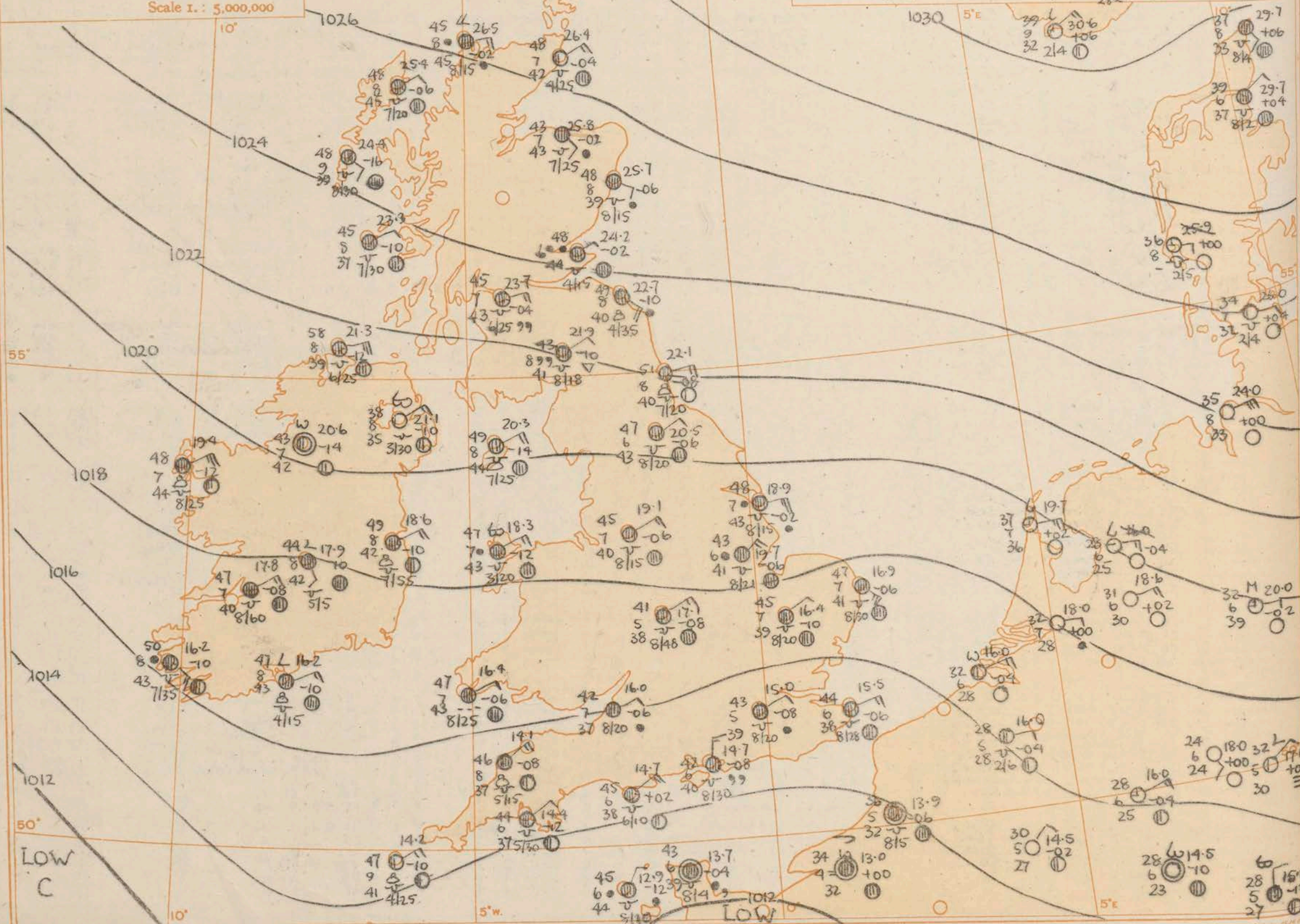
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		13h	0h
Kew ...	cbscy	C20	C20C20	52	44	42	-	TR	0.6		
Croydon ...	c20d020	C20C20	C20d020	49	41	40	TR	TR	0.0	70	85
Greenwich ...	cy	C	Cdcm	50	42	40	-	0.6	0.3	63	77
Westminster	.	.	.	52	43	42	-	.	.	65	75
Regents Park	.	.	.	53	43	41	-	-	.	64	84
Camden Square	C	C	.	53	43	41	-	-	.		81
Kensington ...	cbscc	ccbscc	.	53	44	41	-	-	.	75	96
Hampstead ...	opc	O	O	49	40	36	-	-	.		83

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 9.1 Time 17.20h Min. 0.1 Time 0.6h 29th.

GENERAL INFERENCE

While the complex trough on the Atlantic shows signs of developing at its southern end, the anticyclone remains stationary to the North of Scotland and the rather cold easterly airstream over the British Isles is maintained. Weather will be cloudy with local slight rain or drizzle but some fair periods will occur in the east and south during the afternoon extending later to most districts - the general exception being the Northeast Seaboard. Overnight in the South and East it will become fair or fine and this improvement will spread to the West later. Wind will be mainly easterly moderate, but tending to veer southeasterly in the South. - mainly rather cold.

FURTHER OUTLOOK

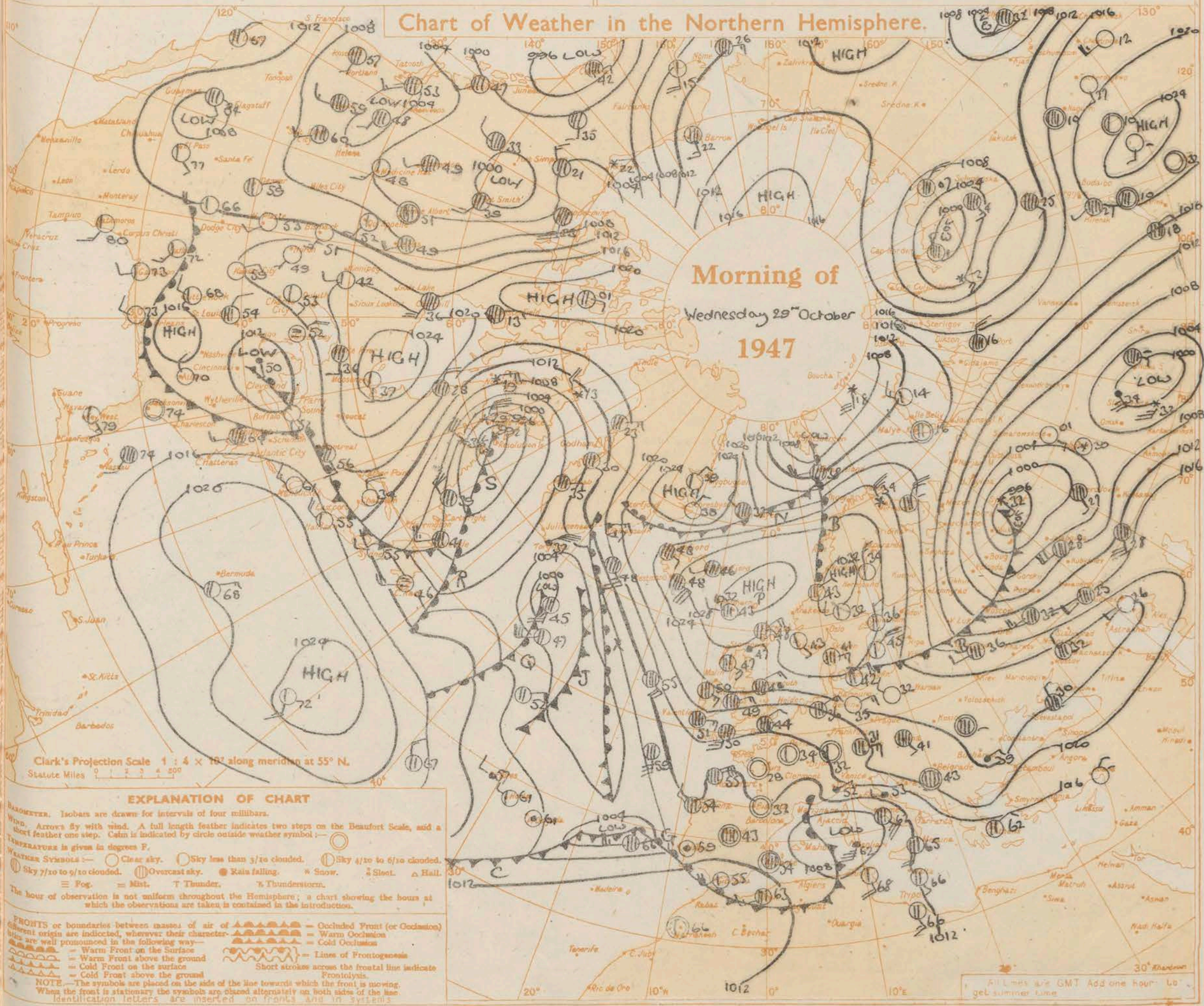
Possibility of rain reaching the Southwest from the Atlantic disturbances. But in other areas little change.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 29th October

1947



EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

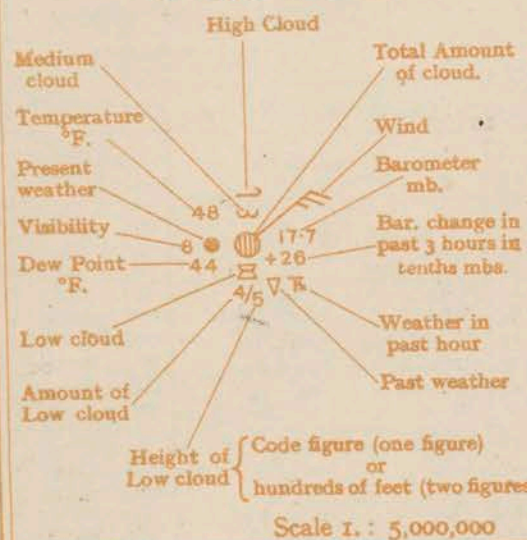
- Warm Front on the surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis.

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

ALL times are GMT Add one hour to get summer time

STATION MODEL

HIGH
P

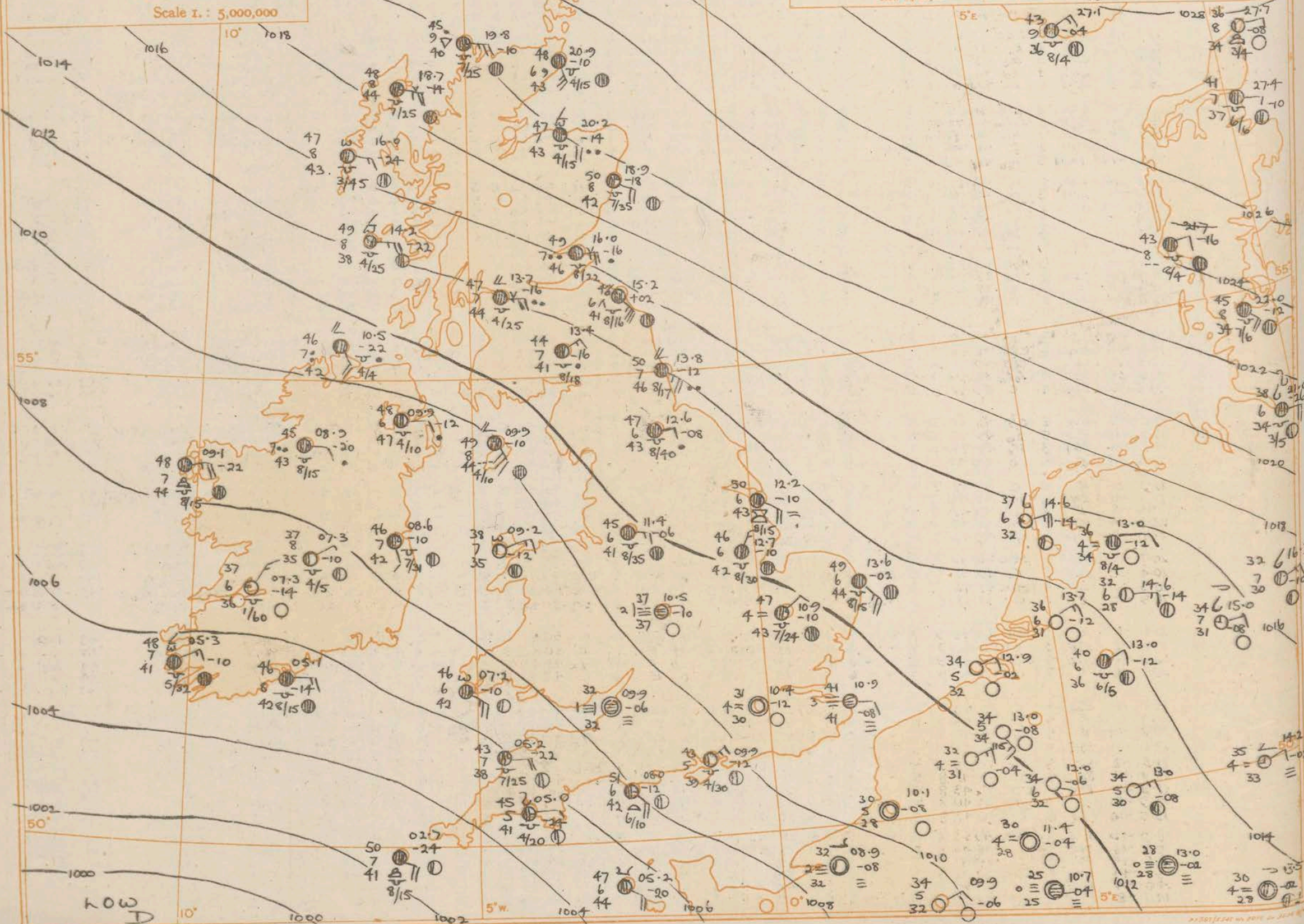
6h Thursday 30th October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yester- day	To- day
Kew	49	34	23	-	Tr	0.1	65	75
Croydon	48	29	24	-	-	0.6	63	98
Greenwich	49	32	16	-	-	0.7	64	90
Westminster	50	39	34	-	-	...	79	95
Regents Park	49	35	28	-	-	...	...	98
Camden Square	50	35	25	-	-	...	...	91
Kensington	50	35	25	-	-	...	...	91
Hampstead	48	37	28	-	-	...	...	...

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 30th Max 0.4 Time 12.30-20.8 Time 6-8 hrs 2.9



GENERAL INFERENCE

Pressure is high over Scandinavia and a depression over Biscay is moving north-northeast. Weather will be mainly cloudy at first, with local rain at times. More general rain will spread from southwestern districts over most of England and Wales and parts of Ireland by midday tomorrow, and it will be followed by fair periods and local showers in the South. It will be rather cold generally, but will become milder in the South.

FURTHER OUTLOOK

Milder than of late in England and Wales. Occasional rain or showers in many places.

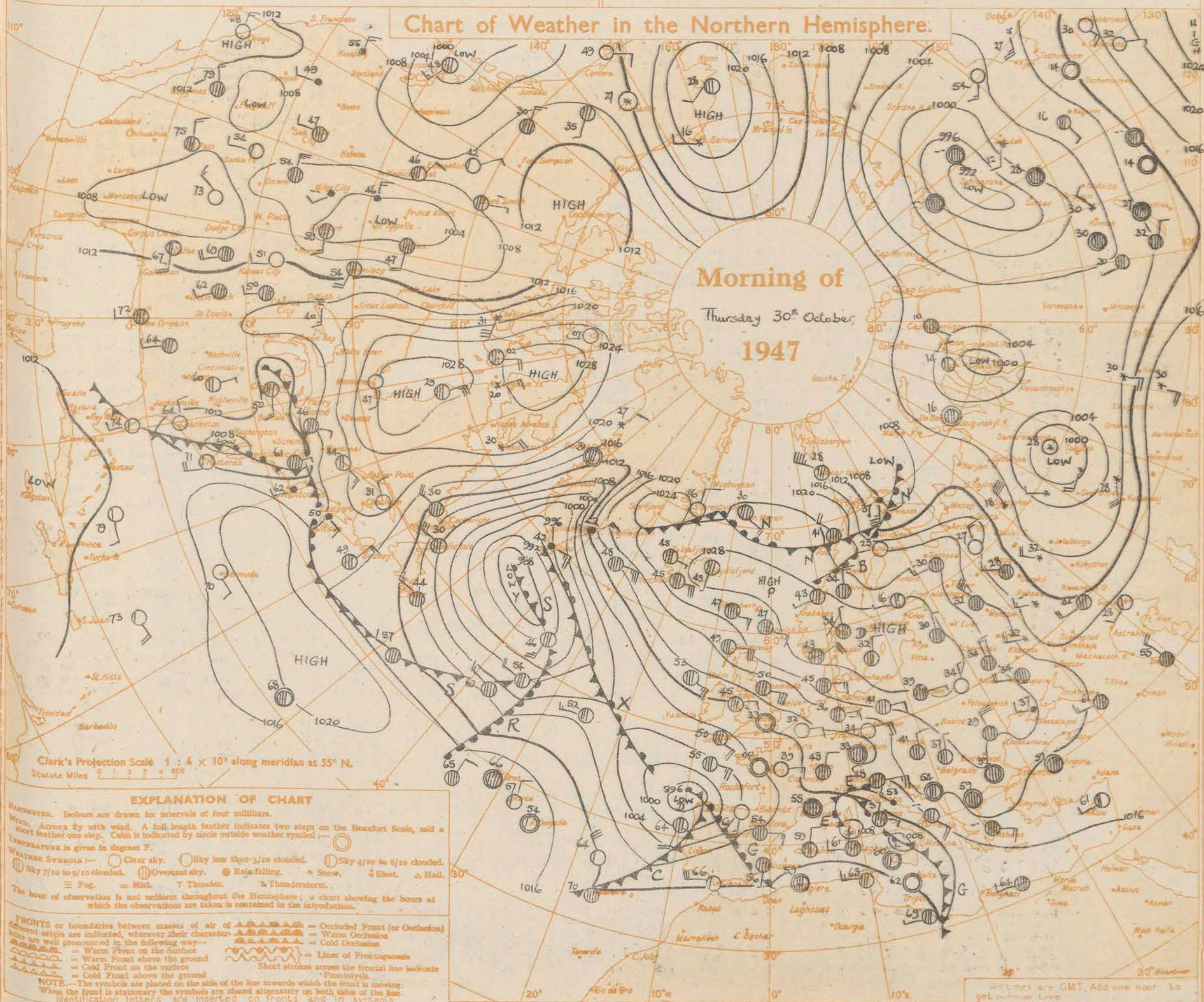
▼ Gale warnings are in operation for the area west of a line Bristol-Weymouth. Issued at 0555 hrs. 30th October, 1947.

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 30th October,

1947



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 30th October 1947

No. 31388

[illegible]

* Information not usually received.

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

STATION MODEL

High Cloud

Medium cloud

Temperature °F.

Present weather

Visibility

Dew Point °F.

Low cloud

Amount of Low cloud

Total Amount of cloud.

Wind

Barometer mb.

Bar. change in past 3 hours in tenths mbs.

Weather in past hour

Past weather

Height of Low cloud

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

Scale 1 : 5,000,000

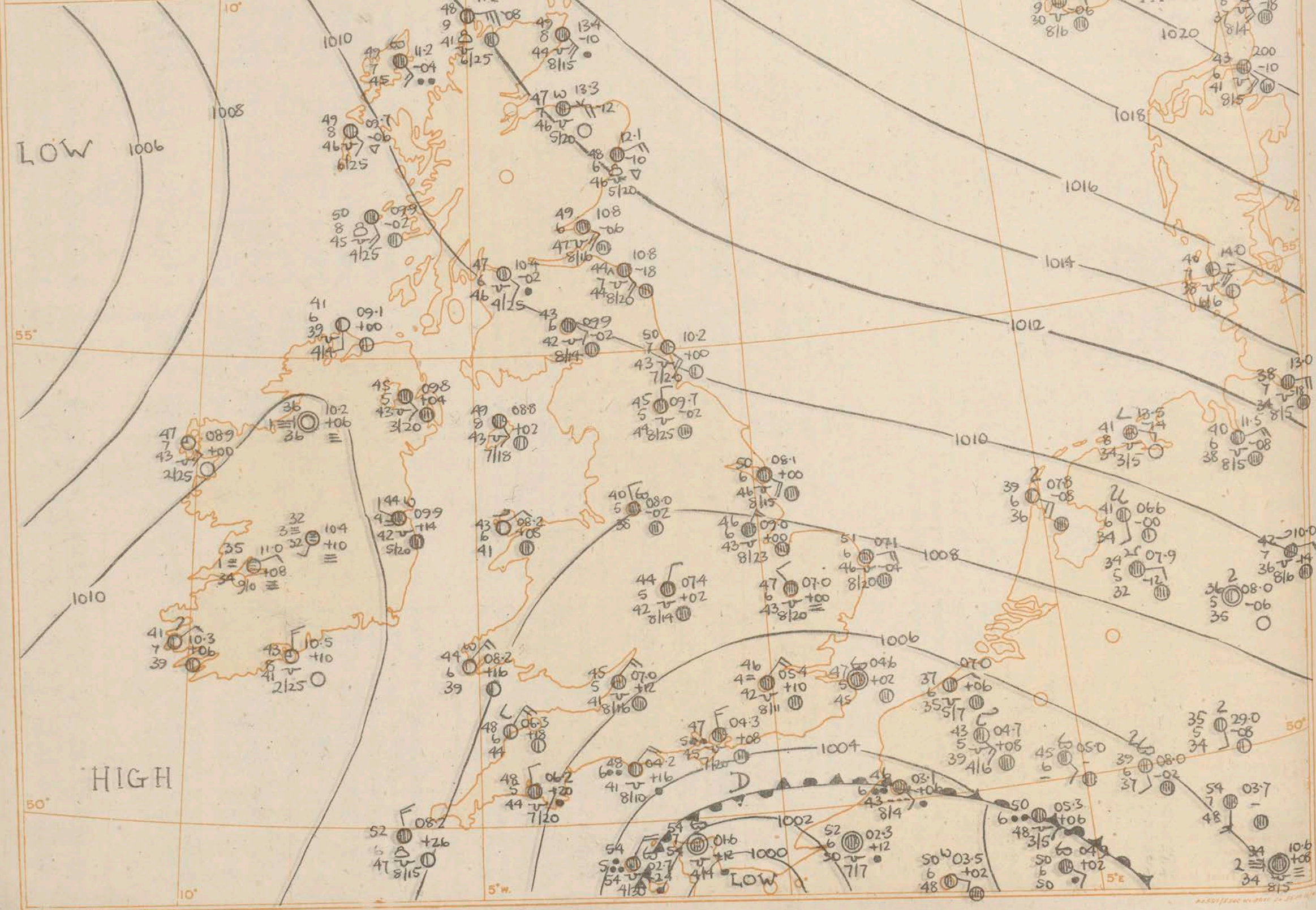
6h Friday 31st October 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
Kew	o f x c m	c m b c z c m c m	c m c m	50	47	42	-	-	0-0	73	85
Croydon	b m b c f	c f z c b z c m b c f o	c m b c f o	50	44	41	-	-	0-7	74	83
Greenwich	f e c m	c m c m	c m c m	49	45	40	-	-	-	75	83
Westminster	.	.	.	51	42	41	-	-	-	75	85
Regents Park	.	.	.	49	39	37	-	-	-	83	83
Camden Square	c	c	.	50	39	37	-	-	-	85	83
Kensington	b c m b c	c b c c	.	50	46	39	-	-	-	85	83
Hampstead	b c	o	o	48	44	35	-	-	-	85	85

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.5 Time 30th Min. 0.1 Time 0-5h. 31st



GENERAL INFERENCE

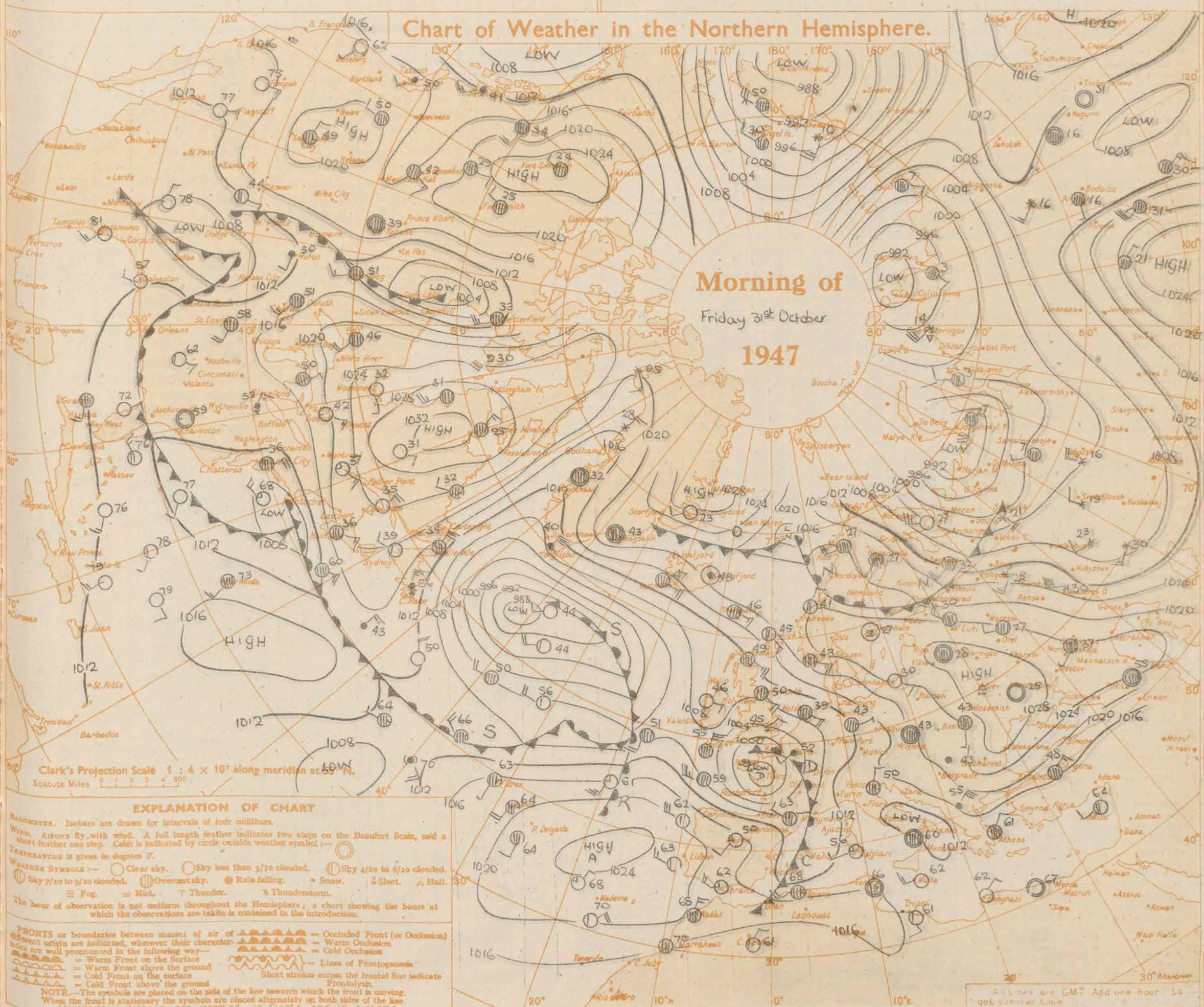
A depression over France is moving east southeast and filling up slowly, and a ridge of high pressure is developing over Western districts. Weather will be mainly fair but there will be local rain at first in Eastern districts. Fairly general fog may develop in England tonight. Cold with local ground frost.

FURTHER OUTLOOK

Local rain. Fog in many districts. Rather cold or cold.

Chart of Weather in the Northern Hemisphere.

Morning of
Friday 31st October
1947



Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 5 6 7 8 9 10

EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE. is given in degrees F.
WEATHER SYMBOLS: ☉ Clear sky. ☁ Sky less than 5/10 clouded. ☂ Sky 5/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☂ Rain falling. ☄ Snow. ☄ Sleet. ☄ Hail. ☄ Fog. ☄ Mist. ☄ Thunder. ☄ Thunderstorm.

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

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

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

All times are GMT Add one hour to get summer time

