

THE DAILY WEATHER REPORT

BRITISH SECTION

E6936

1st July to 30th September

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.	- ... 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 High Cloud (CH) — Columns 11, 17

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

Cloud Form Abbreviations

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

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

Objects not visible at	
0 Dense fog	55 yards
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1½ miles
5 Poor visibility	2½ "
6 Moderate "	6½ "
7 Good "	12½ "
8 Very good "	31 "
9 Excellent "	beyond 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 1 and 21, and 35, 36, 37, 38 on page 1, and 5 and 21 on page 4

b, blue sky (not more than a quarter covered with cloud).	q, squalls.	r, rain.	s, snow.
bc, sky partly cloudy (one half covered).	rs, sleet.	t, thunder.	
c, generally cloudy.	u, ugly, threatening sky.		
d, drizzle.	v, unusual visibility.	w, dew.	
e, wet air.	x, hoar frost.	y, dry air.	
f, fog, visibility 220-1100 yds.	z, dust haze: the turbid atmosphere of dry weather.		
F, thick fog, less than 220 yds.	Capital letters indicate intense; suffix . indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r., slight rain.		
fs, low fog over sea (coast station).	rr, continuous rain.		
fg, low fog over land (inland station).	<, less than (for cloud height).		
m, mist, visibility 1100-2200 yds.	gale.		
h, hail, intermittent.	⊕, Solar halo. ⊙, lunar halo. ☄, Aurora.		
h(r), " hail " or " rain and hail "	With present weather is combined, whenever possible, the general character of the weather.		
if, fog in the vicinity but not at station.	A " solidus " divides actual existing weather from preceding conditions thus: bc/r, fair weather after rain; —, has decreased; +, has increased.		
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		

Explanations of the symbols used in the chart on p. 2, will be found in Form 2459, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 1/2 net, or post free 1/4 d.

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.

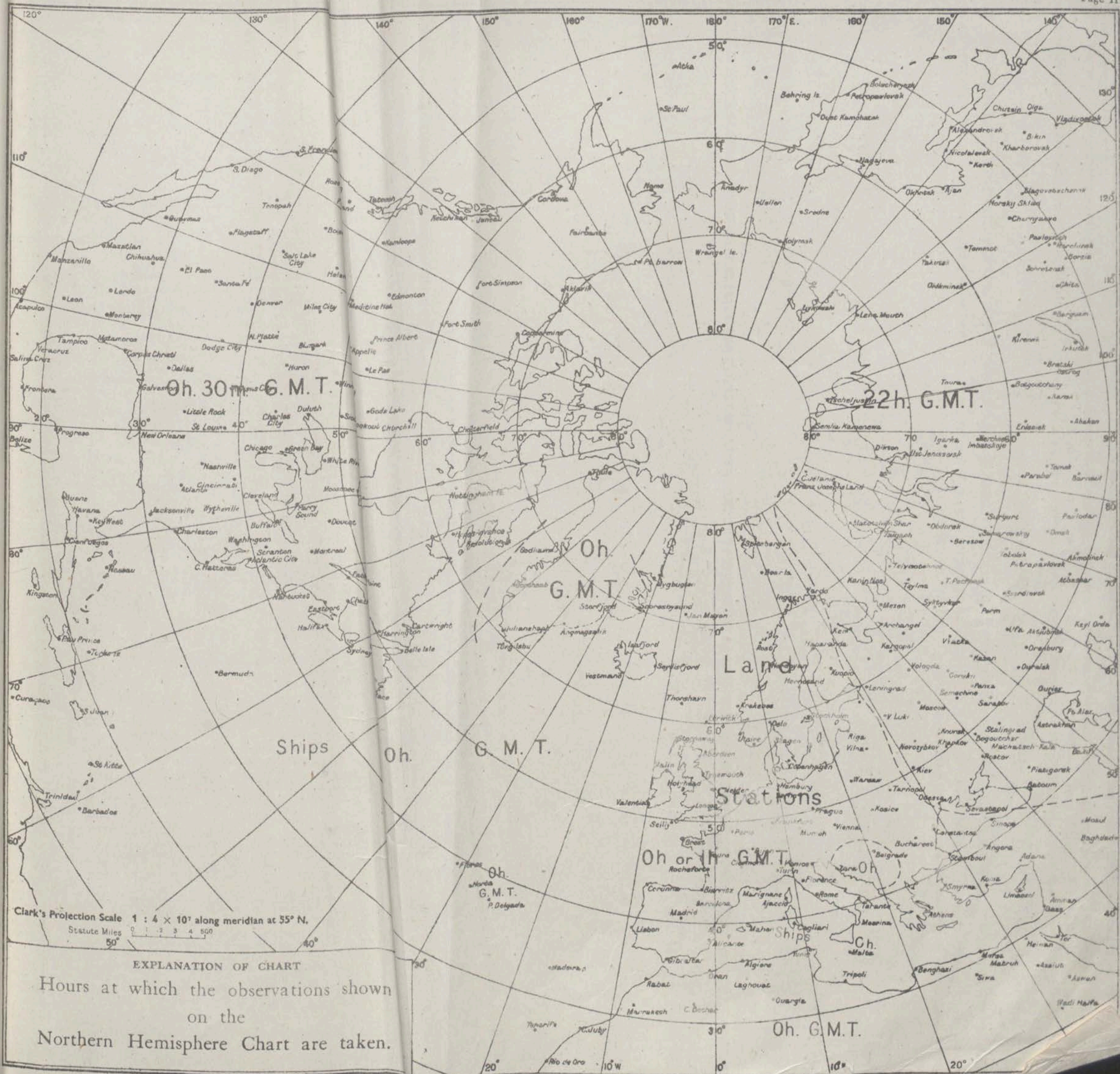
The symbols ▲ (North Cone) and ▼ (South Cone) are appended to the details of warnings given on page 3 of the Report.

Form of Low Cloud (CL)—Columns 9, 25.

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

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

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



FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS and the Counties comprised within them

- | | | | | | | |
|--|--|---|---|--|--|--|
| 1. England, S.E.
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.)
Larlinggow.
Clackmannan.
Kinross.
Fife.
Forfar. | 13. Scotland, N.W. 16. Orkneys and Shetlands.
Hebrides.
Western parts of Inverness, Ross and Cromarty, Sutherland.
(Boundary line runs from Rannoch Station through Port Augustus, Beaulieu and Lairg to Melville.) | 17. Ireland, N.W.
Galway.
Roscommon.
Mayo.
Sligo.
Leitrim. | 19. Ireland, S.E.
Waterford.
Wexford.
Kilkenny.
Carlow.
Wicklow.
Offaly.
Leix.
Kildare.
Dublin. |
| 2. England, E.
Essex.
Middlesex.
Hertford.
Bedford.
Huntingdon.
Cambridge.
Suffolk.
Norfolk.
Lincoln. | 5. England, S.W.
Dorset.
Somerset.
Monmouth.
Devon.
Cornwall. | 9. Midlands, N.
Derby.
Yorkshire, W. | 12. Scotland, S.W., and Isle of Man.
Isle of Man.
Dumfries.
Kirkcudbright.
Wigtown.
Ayr.
Lanark.
Renfrew.
Dumbarton.
Stirling. | 14. Mid Scotland.
Perth.
15. Scotland, N.E.
Kincardine.
Aberdeen.
Banff.
Elgin.
Nairn.
Caithness.
Eastern parts of Inverness, Ross, Sutherland. | 18. Ireland, N.E.
Meath.
West Meath.
Longford.
Cavan.
Fermanagh.
Monaghan.
Louth.
Armagh.
Down.
Antrim.
Londonderry.
Tyrone.
Donegal. | 20. Ireland, S.W.
Cork.
Kerry.
Limerick.
Tipperary.
Clare. |
| 3. Midlands, E.
Buckingham.
Oxford.
Northampton.
Warwick.
Leicester.
Rutland.
Nottingham. | 6. Wales, S.
Glamorgan.
Brecknock.
Carmarthen.
Pembroke.
Cardigan.
Radnor. | 10. England, N.E.
Yorkshire, N. & E.
Durham.
Northumberland. | 13A. Scotland, W.
Argyll.
Bute. | | | |

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

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

Hours of Observation.—From 1st August, 1944, the times of the observations published in the Report were changed to 0000, 0600, 1200 and 1800 G.M.T., and from the same date until 31st December, 1944, the morning readings of minimum and grass minimum temperature and rainfall were made at 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.

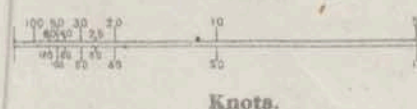
The scales below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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 „



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 1% for each degree below 55°.

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

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

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

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

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

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.

Generally cool at first. Warm and thundery in many districts after the 13th but with considerable fair periods.

A ridge of high pressure covered the country when the month opened but soon moved away eastwards with the advent of a complex trough of low pressure, which, however, only produced small amounts of rainfall. On the 4th and 5th a depression moved across Scotland giving moderate gales. There was appreciable rainfall particularly in the Hebrides. In rear of this depression a cool West to Northwest airstream was established over the country. A small disturbance moved up the English Channel on 6th. From 7th to 9th minor troughs moved across the country giving showery conditions which were largely confined to the West. On 10th and 11th another frontal trough crossed the country but the accompanying rainfall was mainly slight. A ridge developed on 12th giving rise to warmer conditions and appreciable sunshine in many areas. This was followed on the 13th by a weak trough while in its rear an anticyclone developed over West and Southwest districts of England on the 14th. A further rise of temperature resulted and on the 15th and 16th 80°F was exceeded in several places. On 16th and 17th a complex trough moved eastwards across the British Isles giving appreciable rainfall in Scotland and Ireland and in Southern and Western districts of England while isolated thunderstorms were reported. The close thundery conditions persisted until the 20th and were followed on 21st by an unsettled situation associated with a trough but rainfall amounts were mainly slight except on the Northwest seaboard. On the 23rd an anticyclone developed over the Bay of Biscay and a ridge extended northwards over the British Isles. Pressure remained relatively high over most of the country till the 29th though a trough moved slowly northwards across the southern half of the country on 24th to 25th and 25th to 26th becoming stationary across Central districts on 27th. Appreciable rainfall occurred in the southwest on 24th and in Ireland on 26th but elsewhere amounts were small except in the northeast where it was

considerable on 26th and 27th. It was warm and close for most of this period particularly in East and Southeast. On 28th a thundery trough developed over Southeast Ireland and by 29th had extended its influence over most of the British Isles, giving rise to scattered thunderstorms chiefly in the North and Northwest on 28th and fairly widespread storms in the Southeast, East and Midlands on the night of 28th and 29th. It continued to be very warm and close particularly in East and Southeast. On the 30th a high pressure belt developed from South of Iceland to Northwest of Spain and gave fair and warm conditions over the whole of the country.

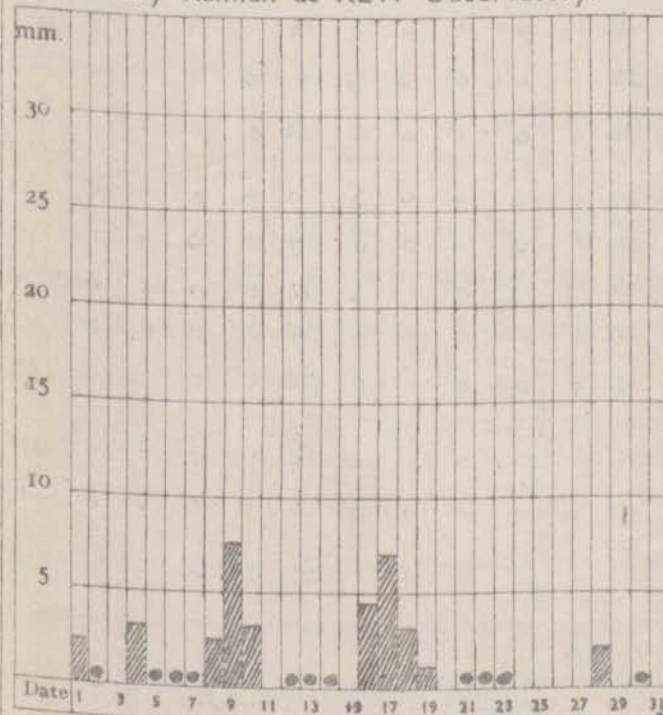
Moderate gales were reported in some exposed places in Scotland on 6th and on the South coast on 8th. Otherwise, only isolated moderate gales occurred during the month except for a gale at Ringway on 28th.

Except in East Scotland where it was well above average for the month, sunshine was well below average particularly in Ireland.

Rainfall was mainly average for the month.

The night minimum temperature of 67°F recorded at Kew on the 28th equalled the record created in 1900.

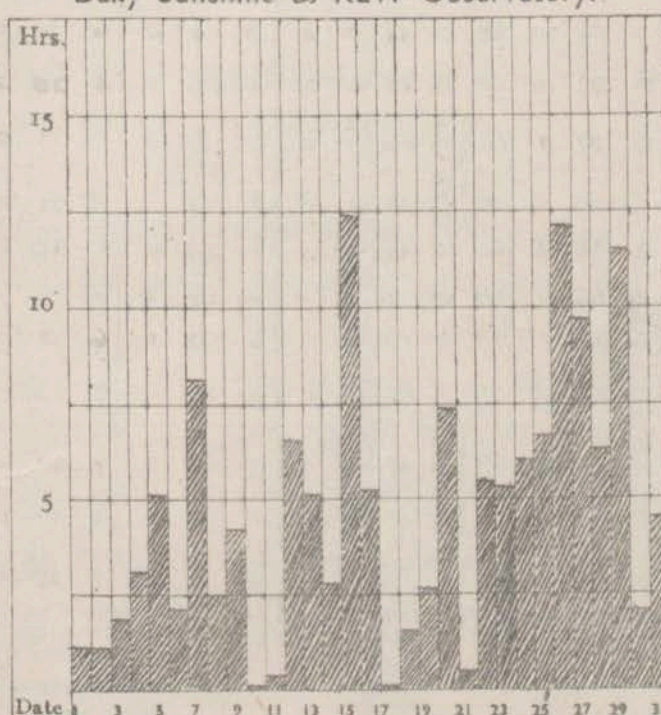
Daily Rainfall at KEW Observatory.



• = less than 0.5 mm.

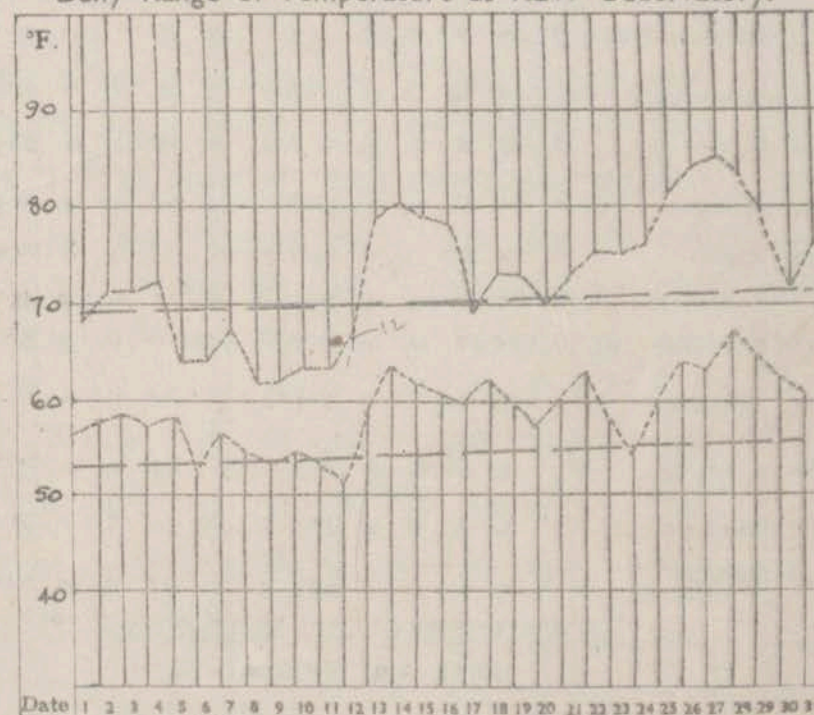
RAINFALL. Total for Month. 35 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 144 hrs.

Daily Range of Temperature at KEW Observatory.



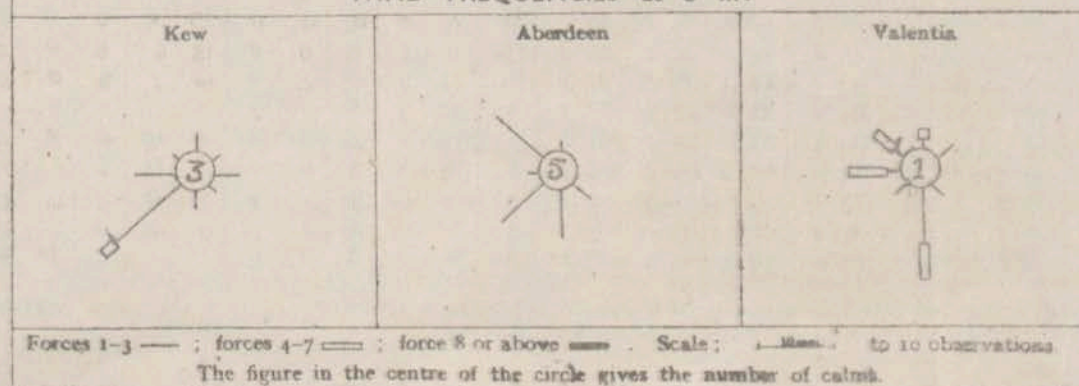
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb 1015.0	mb. -0.8	°F. 65.9	°F. +1.4
Aberdeen	1011.7	-1.3	58.9	+1.0
Valentia	1013.9	-2.2	57.7	-1.5

* Pressure—The mean is for the 24 hours duly corrected. It is derived from values at 6 h. and 10 h.
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	5134
Aberdeen	3757
Lerwick	1789

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY.

District.	STATIONS.	TEMPERATURE.														LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																			
		Number of daily readings within fixed limits.										Extremes—Warmest and Coldest				Number of Ground Frosts.	Number of observations within fixed limits.						Number of observations within fixed limits.																		
		Maximum.					Average Minimum.	Days.		Nights.		9 h.		15 h.			21 h.		9 h.			15 h.																			
		51°-59°	60°-68°	69°-77°	78°-86°	87° or above.		Average Maximum.	33°-41°	42°-50°	51°-59°	60°-68°	69°-77°	Highest Max.	Lowest Max.		Highest Min.	Lowest Min.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.				
1	London (Kew Obsy).	0	9	13	9	0	72.8	0	0	16	15	0	56.2	85	27	62	58	67	28	51	12	0	0	25	0	0	26	4	0	27	1	0	0	0	0	17	0	0	0	0	25
1	Croydon	0	8	14	8	1	71.9	0	3	16	12	0	54.6	87	28	62	10	66	29	49	12	0	3	22	2	2	25	1	2	17	3	0	0	0	2	17	0	0	0	1	23
1	Calshot	0	15	11	5	0	69.8	0	2	18	11	0	56.0	88	28	60	8	65	28	46	12	0	5	23	1	0	28	1	3	18	1	0	0	13	18	0	0	0	0	25	
1	Lympne	1	11	12	7	0	68.8	0	5	19	7	0	53.8	86	28	59	10	68	28	46	6	0	11	12	0	6	17	0	3	11	0	0	0	2	22	0	0	1	1	22	
2	Shoeburyness...	0	11	12	8	0	71.8	0	0	21	10	0	54.4	86	26	62	10	66	28	51	12	0	4	17	1	2	19	1	1	16	3	0	1	0	1	15	0	0	0	1	21
2	Gorleston	0	16	14	1	0	67.9	0	3	15	13	0	55.4	77	22	60	10	65	29	49	12	0	1	27	1	1	25	1	4	17	9	0	0	0	0	17	0	0	2	0	15
2	Waddington	1	9	14	7	0	71.0	0	5	22	4	0	52.6	84	27	57	10	65	26	47	12	0	3	0	24	0	30	0	1	16	1	0	0	0	2	16	0	0	0	0	19
3	Birmingham (Edgbaston)	1	13	13	4	0	69.3	0	4	20	7	0	54.1	85	27	59	10	63	26	48	12	0	3	25	0	2	28	0	3	23	1	0	0	1	3	17	0	0	0	0	25
4	Ross-on-Wye	0	13	14	4	0	70.6	0	5	23	3	0	53.7	85	27	62	10	64	26	45	12	0	2	27	0	0	29	0	1	25	0	0	0	1	0	23	0	0	0	0	29
5	The Lizard	6	21	4	0	0	*	0	2	26	3	0	*	72	31	57	12	61	27	54	14	0	4	22	0	0	23	0	1	25	0	0	5	0	0	22	0	3	4	0	22
7	Holyhead (Valley)	7	20	4	0	0	62.9	0	7	23	1	0	55.1	74	31	56	10	63	28	44	18	0	13	16	0	10	21	0	14	15	0	0	0	2	2	18	0	0	2	0	23
8	Hawarden P	1	14	13	3	0	68.8	0	9	18	14	0	53.2	81	27	58	10	61	28	42	6	0	3	26	2	4	25	2	2	25	1	0	0	13	17	0	0	0	0	23	
10	Tynemouth	3	23	5	0	0	64.7	0	4	25	2	0	53.9	75	13	57	9	60	29	46	7	0	0	31	0	0	31	0	0	30	0	0	1	0	1	15	0	0	2	1	22
11	Leuchars	1	24	6	0	0	65.8	0	10	21	0	0	50.9	75	13	59	16	58	28	43	9	0	5	24	1	3	28	0	5	23	0	0	0	0	3	21	0	0	0	2	22
12	Renfrew	2	19	9	1	0	66.0	0	8	23	0	0	51.5	78	31	58	4	60	16	45	10	0	6	24	0	1	30	0	3	25	0	0	0	0	0	17	0	0	0	1	24
12	Eskdalemuir	8	15	8	0	0	64.0	3	11	17	0	0	48.8	76	15	56	7	58	15	38	9	0	4	27	0	4	27	0	6	24	0	0	0	1	6	0	0	0	0	26	
13	Stornoway	9	20	2	0	0	60.9	0	16	15	0	0	50.5	73	19	54	7	57	21	42	27	0	6	22	1	6	25	0	6	23	0	0	0	1	0	28	0	0	0	0	27
15	Aberdeen	3	23	4	1	0	64.1	0	9	22	0	0	51.7	78	13	58	9	59	14	46	8	0	8	22	0	5	26	0	8	16	4	0	0	1	0	28	0	0	0	0	27
18	Aldergrove	7	18	6	0	0	64.9	0	9	22	0	0	51.5	76	15	57	13	59	28	43	17	0	10	21	0	7	24	0	5	24	1	0	0	0	0	24	0	0	0	0	27
19	Birr Castle †...	7	16	8	0	0	67.0	1	12	16	2	0	52.5	75	31	55	6	60	27	40	17	0	2	25	0	2	29	0	1	30	0	0	0	0	0	31	0	0	0	0	31
20	Valentia †... (Cahirveen)	11	19	1	0	0	63.7	0	2	27	2	0	54.7	72	30	56	10	60	28	44	17	0	8	22	1	7	23	1	7	23	1	0	0	0	1	25	0	0	0	0	26

†Maximum for periods 07-13 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 Berr Castle 7, 13, 18 h, and at Valentia 6, 12, 18 h.

UPPER AIR TEMPERATURE.												UPPER WINDS.																				Pressure mb.				
Pressure mb.	Isen Height feet	BIRCHAM NEWTON (31 Reports) (06h)		ALDERGROVE (31 Reports) (06h)		PENZANCE (30 Reports) (06h)		LARNMILL (31 Reports) (06h)		DOWNHAM MARKET (31 Reports) (06h)		LIVERPOOL (31 Reports) (06h)		LARNMILL (31 Reports) (06h)		DOWNHAM MARKET (19 Reports) (06h)		LIVERPOOL (31 Reports) (06h)		LARNMILL (31 Reports) (06h)		DOWNHAM MARKET (19 Reports) (06h)		LIVERPOOL (31 Reports) (06h)		LARNMILL (31 Reports) (06h)										
		Normal Temp °F.	Mean Temp. °F.	Normal Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.									
		0 to 15	16 to 30	31 to 45	46 to 60	61 to 75	76 to 90	91 to 105	106 to 120	121 to 135	136 to 150	151 to 165	166 to 180	181 to 195	196 to 210	211 to 225	226 to 240	241 to 255	256 to 270	271 to 285	286 to 300	301 to 315	316 to 330	331 to 345	346 to 360	361 to 375	376 to 390	391 to 405								
		knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots	knots							
Surf.						56.6	55.5	57.3	63.7	53.4	59.5	31	0	0	0	0	0	19	0	0	0	0	0	28	0	3	0	0	0	31	0	0	0	0	0	Surf.
400	3,240	50.8		47.4		50.0	52.7	52.4	50.6	48.2	46.5	19	11	1	0	0	0	13	6	0	0	0	0	16	12	2	0	0	0	19	11	1	0	0	0	400
800	6,390	41.2		39.2		43.7	44.4	43.3	42.3	38.9	41.2	14	14	3	0	0	0	10	7	2	0	0	0	11	17	2	0	0	0	14	14	3	0	0	0	800
700	9,876	31.6		30.7		34.8	34.4	32.6	33.2	29.8	32.9	9	15	7	0	0	0	4	13	2	0	0	0	6	18	6	0	0	0	9	15	7	0	0	0	700
600	13,792	19.3		18.7		22.2	21.9	20.2	22.1	18.0	21.3	5	16	8	2	0	0	4	10	5	0	0	0	3	19	8	0	0	0	5	16	8	2	0	0	600
500	18,278	+4.0		+3.5		06.2	05.9	04.7	05.6	02.3	06.1	6	13	8	3	1	0	3	9	6	1	0	0	5	15	9	0	0	0	6	13	8	3	1	0	500
400	23,561	-16.2				-13.3	-13.9	-15.6	-15.1	-19.0	-14.2	2	12	12	2	2	0	2	5	11	0	0	0	5	11	8	3	1	1	2	12	12	2	2	0	400
300	30,049					-39.7	-40.6	-40.8	-35.7	-44.0	-39.1	3	8	11	2	4	1	0	4	5	2	2	0	1	10	5	6	4	1	3	8	11	2	4	1	300
200	38,640					-62.7	-62.6	-59.0	-44.3	-54.9	-51.3	3	9	11	3	1	0	1	1	5	2	0	0	3	7	8	5	0	0	3	9	11	3	1	0	200

† The readings used are the maximum for the period 07 h–21 h and the minimum for the period 21 h–09 h. Averages are for periods 07 h–18 h and 18 h–07 h, and are based on 1053 coverings at least 10 years (see M.O. 364).

‡ Langham

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

SUNSHINE, RAINFALL, AND HUMIDITY

JULY, 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		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		Highest and Lowest Totals on record for Month.													
		Nil.	0.1-3h.	3.1-6h.	6.1-9h.	Above 9h.	Hours.	Date.	Hours.	Hours.	Hours.	Hours.	First year of record.	Highest.	Year.	Lowest.	Year.	0, trace or 0.1 mm.	0.2-1 mm.	1.1-5 mm.	5.1-15 mm.	15.1-25 mm.	Above 25 mm.	mm.	Date.			mm.	Date.	mm.	Date.	mm.	Date.	mm.	Date.	
1	London (Kew Obsy).	0	13	9	5	4	12.4	15	1149	-320	144	-50	1880	334	1911	96	1944	20	2	7	2	0	0	8	9	745	+139	35	-20	1856	124	1880	4	1921	6	0
1	Croydon	1	7	8	8	7	13.4	26	1445	-80	194	-26	1922	297	1928	113	1944	22	3	3	3	0	0	7	16	802	+123	25	-35	1921	105	1936	3	1921	6	0
1	Calshot **	1	4	5	9	12	13.6	24	1624	-122	227	-4	1881	310	1934	147	1932	21	6	3	1	0	0	5	15	984	+338	19	-22	1871	111	1920	4	1921	4	0
1	Lympe	1	3	7	3	17	14.3	26	1616	-149	245	+8	1921	307	1935	153	1937	20	1	4	6	0	0	12	10	772	+48	59	+5	1920	126	1927	6	1935	7	0
2	Shoeburyness	2	5	4	9	11	13.4	26	1506	-210	218	-9	1919	311	1928	128	1919	22	2	4	2	1	0	20	16	660	+157	45	-2	1920	90	1940	7	1921	4	0
2	Gorleston	1	2	8	5	13	13.7	27	1599	-44	150	+39	1908	309	1935	103	1910	24	1	1	5	0	0	9	1	680	+58	38	-2	1871	150	1875	7	1897	7	0
2	Waddington	1	8	6	8	8	14.2	27	1283	-356	183	-23	1921	266	1935	113	1937	18	5	6	2	0	0	11	9	705	+115	34	-25	1917	251	1932	10	1921	7	0
3	Birmingham (Edgbaston)	3	10	9	5	4	12.6	27	296	-308	141	-30	1887	271	1911	67	1887	13	7	5	4	1	1	26	19	1037	+363	100	+41	1893	167	1936	7	1911	7	0
4	Ross-on-Wye	1	9	5	8	8	12.3	29	1169	-316	174	-18	1915	271	1934	95	1944	14	7	6	3	1	0	18	16	969	+252	56	-2	1859	197	1872	6	1911	4	0
5	Falmouth (Observatory)	2	12	6	5	6	12.6	31	1302	-408	148	-69	1881	346	1911	107	1944	17	3	10	1	0	0	13	20	1441	+334	46	-26	1871	178	1924	8	1913	0	0
7	Holyhead (Valley)	6	6	7	6	6	14.8	17	1395	-155	153	-38	1914	255	1934	123	1920	14	8	4	5	0	0	11	25	1106	+219	60	-6	1871	197	1920	8	1935	0	0
8	Hawarden P	5	9	1	8	8	13.5	27	1260	-116	173	0.0	1923	244	1934	68	1944	12	10	7	1	0	1	32	18	823	+185	69	+11	1922	132	1939	18	1934	2	0
10	Tynemouth	.	.	.	.	.	.	.	.	.	.	.	1935	.	.	.	.	18	2	6	3	1	1	38	26	779	+158	87	+26	1913	174	1940	13	1935	2	0
11	Leuchers	4	5	5	7	10	14.6	14	1212	-258	193	+21	1922	244	1935	91	1931	21	3	3	2	1	0	19	16	859	+206	39	-15	1922	181	1940	17	1928	2	0
12	Renfrew	6	6	13	3	3	11.8	19	1001	-192	119	-30	1921	231	1934	86	1931	15	5	5	5	0	1	29	18	1180	+241	91	+20	1921	136	1936	35	1935	3	0
12	Eskdalemuir	4	10	9	6	2	13.0	19	919	-282	117	-30	1910	217	1935	75	1931	10	7	8	4	2	0	24	26	1785	+356	114	+10	1910	225	1938	25	1913	2	0
13B	Stornoway	7	7	3	3	5	14.5	27	1300	+85	132	-13	1881	227	1917	57	1939	12	8	5	5	1	0	23	4	957	+242	77	+14	1870	175	1871	22	1913	0	0
15	Aberdeen	0	8	7	5	11	15.3	14	1222	-107	211	+59	1881	239	1911	83	1931	20	3	5	3	0	0	11	7	851	+103	37	-34	1871	195	1940	14	1878	1	0
18	Aldergrove	5	13	4	4	5	14.7	18	1100	-226	123	-28	1927	220	1942	87	1939	9	6	8	7	1	0	18	20	1009	+171	97	+26	1920	154	1939	27	1935	1	0
19	Birt Castle	2	19	6	2	2	10.8	17	926	-380	84	-65	1881	224	1911	79	1944	15	5	5	6	0	0	14	7	1215	+388	73	-2	1862	186	1880	8	1863	0	0
20	Valentia (Cahiriveen)	5	14	7	3	2	10.7	24	1164	-204	89	-68	1880	235	1918	71	1932	7	9	8	7	0	0	14	15	1641	+230	107	+11	1866	223	1937	22	1898	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	3	8	14	6	0	0	0
Ross-on-Wye ...	0	0	2	5	10	13	1	0	0	0
Falmouth (Obsy.)	1	6	10	9	4	1	0	0	0	0
Renfrew ...	0	0	5	2	12	10	2	0	0	0
Eskdalemuir ...	0	1	4	8	9	7	2	0	0	0
Aberdeen ...	0	0	4	6	9	8	4	0	0	0
Valentia ...	0	4	9	17	1	0	0	0	0	0

STATE OF GROUND AT 21 h.

No. of Days each Type was Recorded

STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew) ...	8	23	0	0	0	0	0	0	0	0	0 Dry
Ross-on-Wye ...	28	8	0	0	0	0	0	0	0	0	1 Wet
Renfrew ...	19	12	0	0	0	0	0	0	0	0	2 Flooded.
Eskdalemuir ...	1	30	0	0	0	0	0	0	0	0	3 Frozen hard and dry
Aberdeen ...	24	7	0	0	0	0	0	0	0	0	4 Partly covered with snow or hail.
Valentia (at 18h) ...	0	31	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.

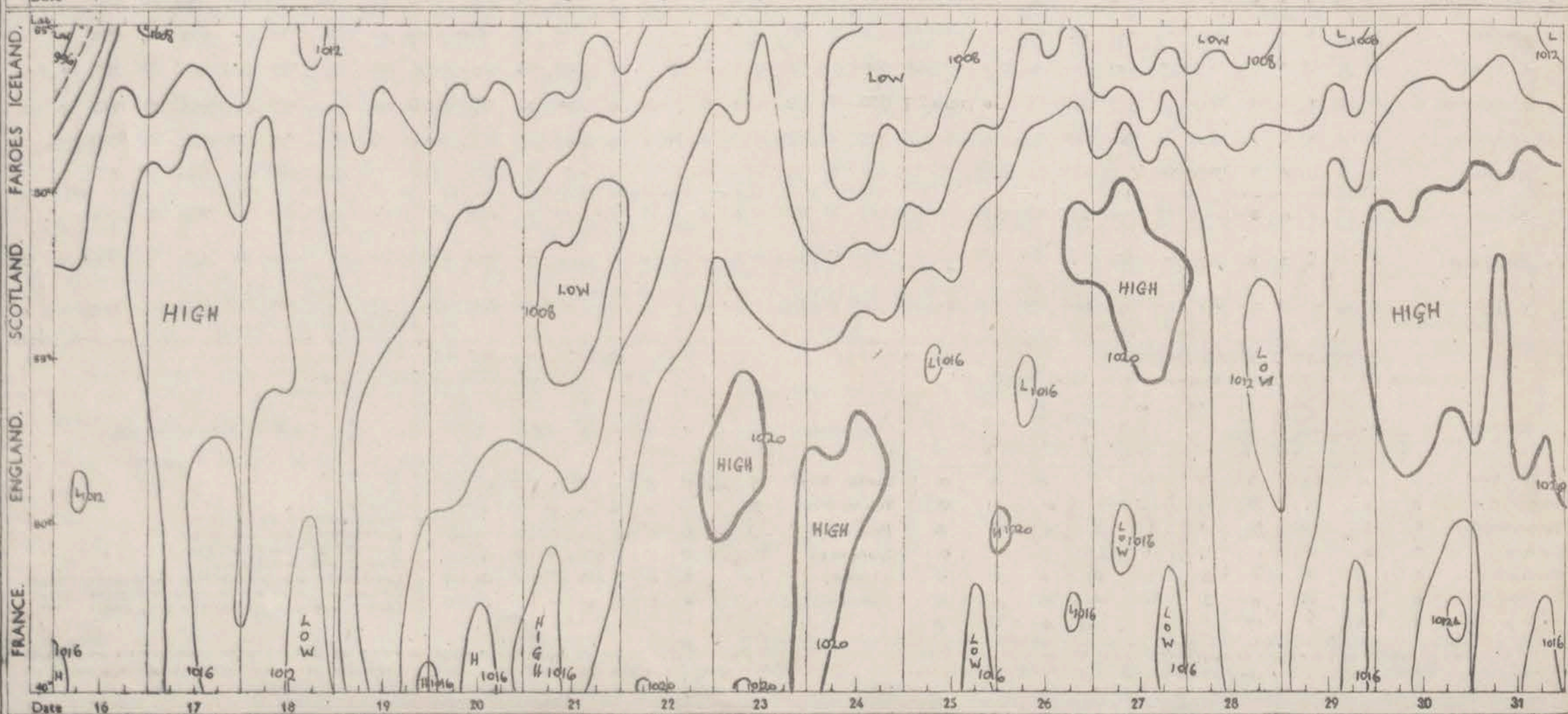
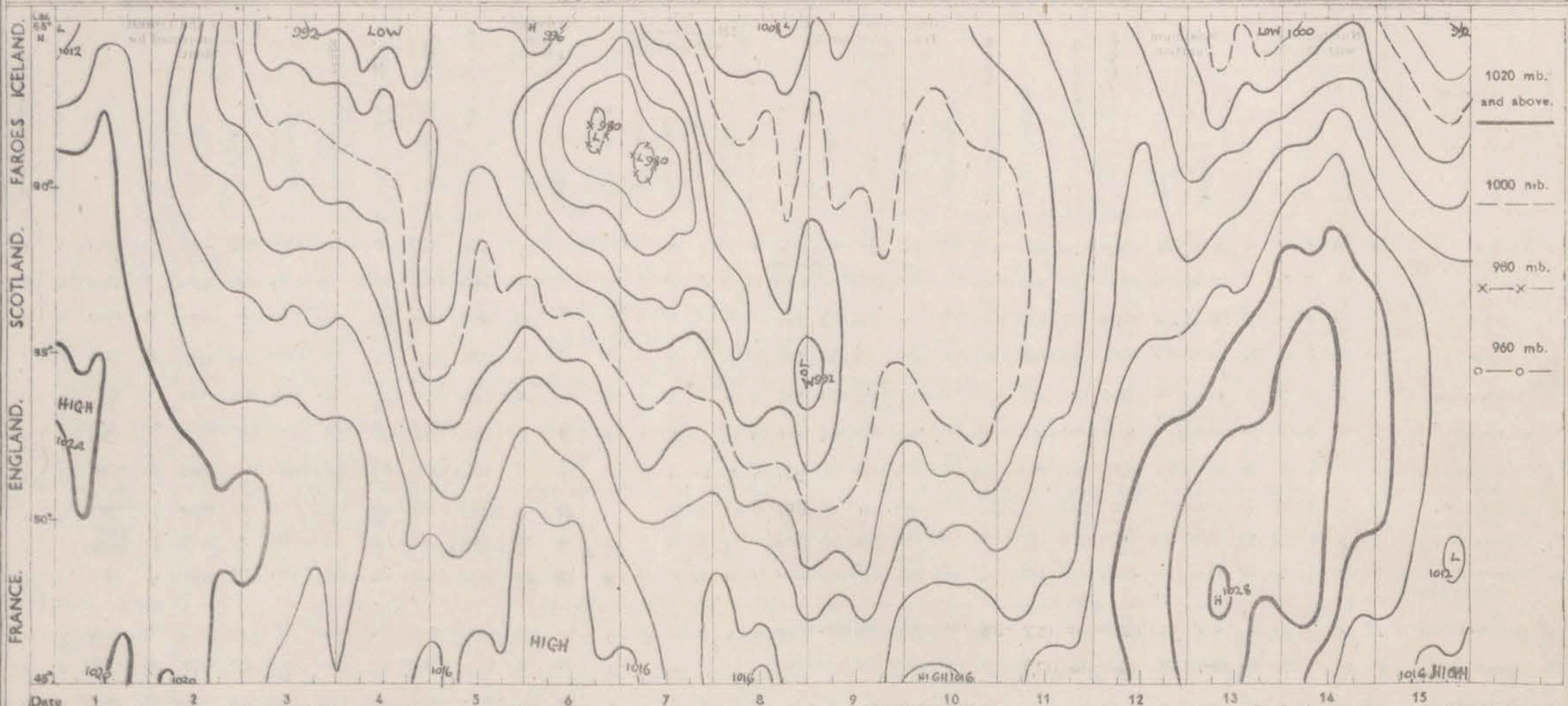
2 Averages and extreme values are those for Cranwell about 11 miles south of Waddington.

†† 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

JULY, 1947

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



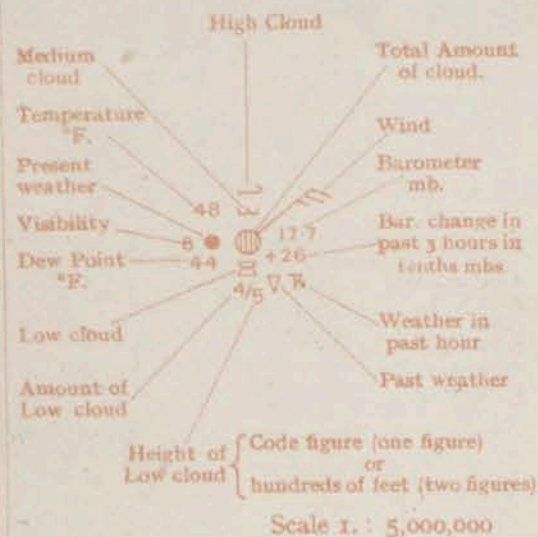
* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 0h, 6h, 12h, and 18h, are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 60° N., Long. 18° W., in the north, at Lat. 44½° N., Long. 4° E., in the south.

Station	Pressure
1 Kew	1012
2 Crook	1010
3 B. B.	1008
4 Calais	1006
5 Tangier	1004
6 Lymp	1002
7 Manst	1000
8 Shook	998
9 Felix	996
10 Gorties	994
11 Milder	992
12 West	990
13 Waddi	988
14 Cranf	986
15 Honle	984
16 Little	982
17 Deffor	980
18 Bristol	978
19 Hartle	976
20 Yeovil	974
21 Portis	972
22 Exeter	970
23 Plym	968
24 St. Ev	966
25 Lizar	964
26 Guern	962
27 Scilly	960
28 Fairw	958
29 Pemb	956
30 Aberp	954
31 Holyh	952
32 Hawa	950
33 Manch	948
34 Squir	946
35 Carls	944
36 Finm	942
37 Spurr	940
38 Lven	938
39 Tynes	936
40 Aeklis	934
41 St. Al	932
42 Leuch	930
43 Bell	928
44 Renf	926
45 Prest	924
46 West	922
47 Eskda	920
48 Point	918
49 Tree	916
50 Benbe	914
51 Storn	912
52 Cape	910
53 Dalwe	908
54 Aberd	906
55 Rattr	904
56 Lossie	902
57 Wick	900
58 Hact	898
59 Lerwi	896
60 Black	894
61 Malin	892
62 Alder	890
63 Cas	888
64 Burr	886
65 Collie	884
66 Rine	882
67 Valer	880
68 Roch	878

0 = Nil
1 = Tr

OBSERVATIONS during DAY (30th)

STATION MODEL



6h Tuesday 1st July

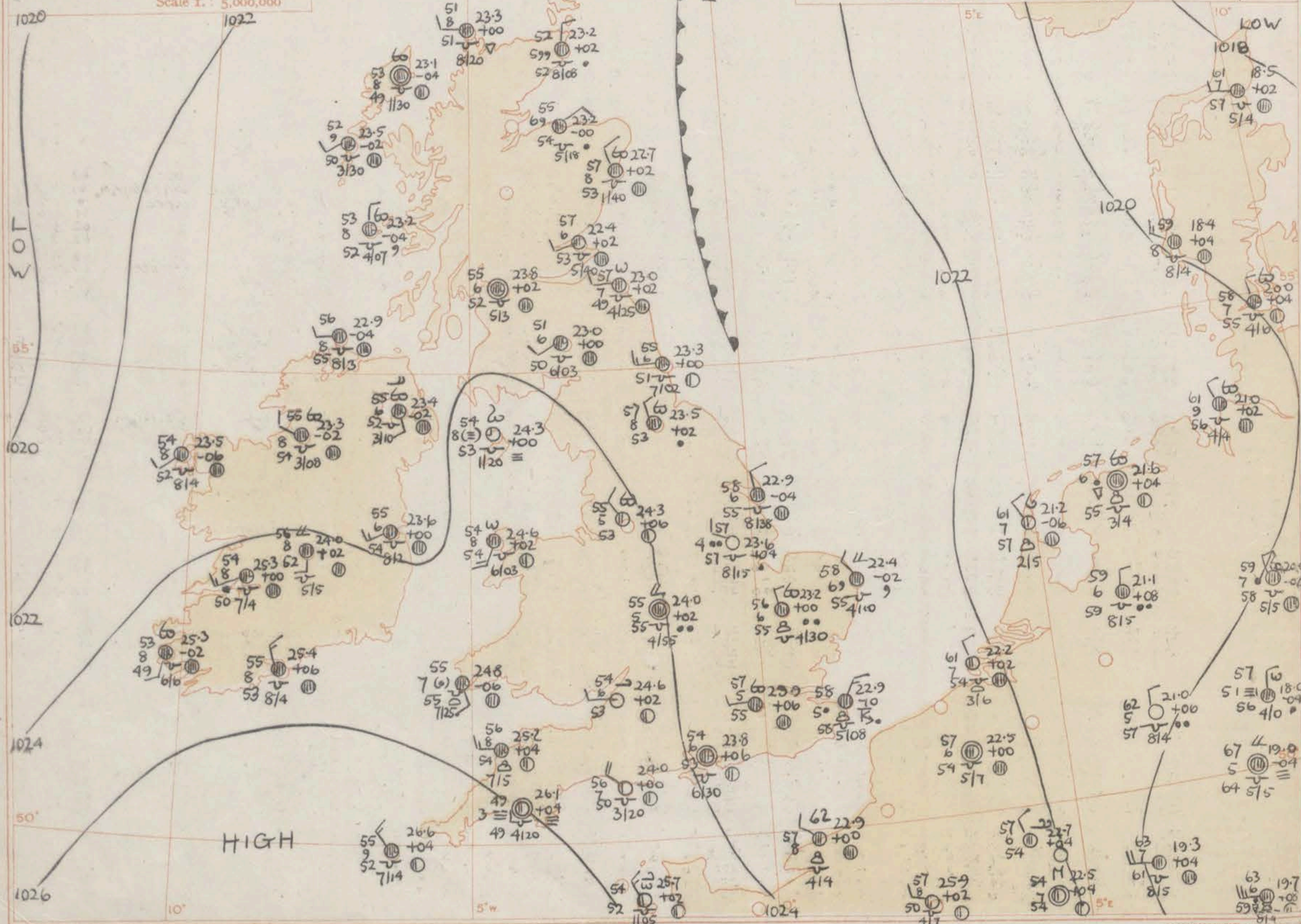
1947

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 %	9h %
Kew ...	Cwcm	CpCzoCpCm	CpCm	70	56	51	3	9	0.4	.	.
Croydon ...	CmCzo	CzoypCpCgmo	CpCm	70	55	51	1	1	0.3	60	85
Greenwich ...	O	C	CmCpCm	67	55	49	0.0	0.1	0.0	63	77
Westminster	.	.	.	68	55	54	7.4	.	.	75	85
Regents Park	.	.	.	68	56	52	-	9.1	.	67	79
Camden Square	C	C	.	67	57	53	-	0.3	.	.	80
Kensington ...	C	C	.	69	56	53	TR	7.0	.	84	88
Hampstead ...	cor	bcor	orH	66	54	49	9.2	5.7	.	.	89

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
 Kew 24 hours ended 5h. Max 0.1 Time 30th Min. 0.0 Time End of Period



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

	= Occluded Front (or Occlusion)
	= Warm Occlusion
	= Cold Occlusion
	= Lines of Frontogenesis

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.

Short strokes across the frontal line indicate Frontolysis.

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

Tuesday 12th July 1947
No. 31267

[illegible]

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

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

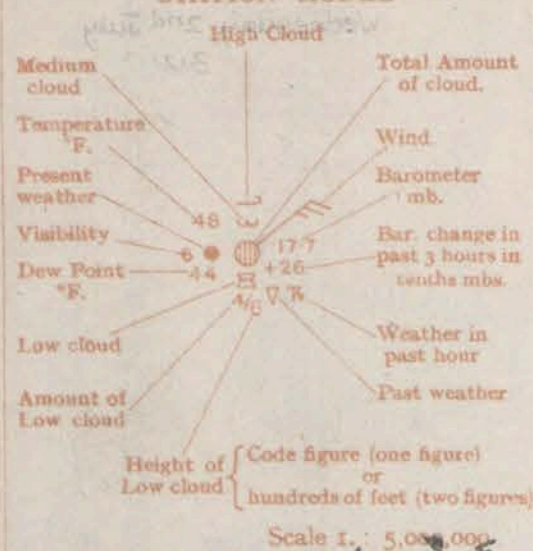
Wednesday 2nd July 1947
No. 31268

OBSERVATIONS at 18h. G.M.T. 1st July

OBSERVATIONS during DAY (15th)

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

STATION MODEL



6h

Wednesday 2nd July.

1947

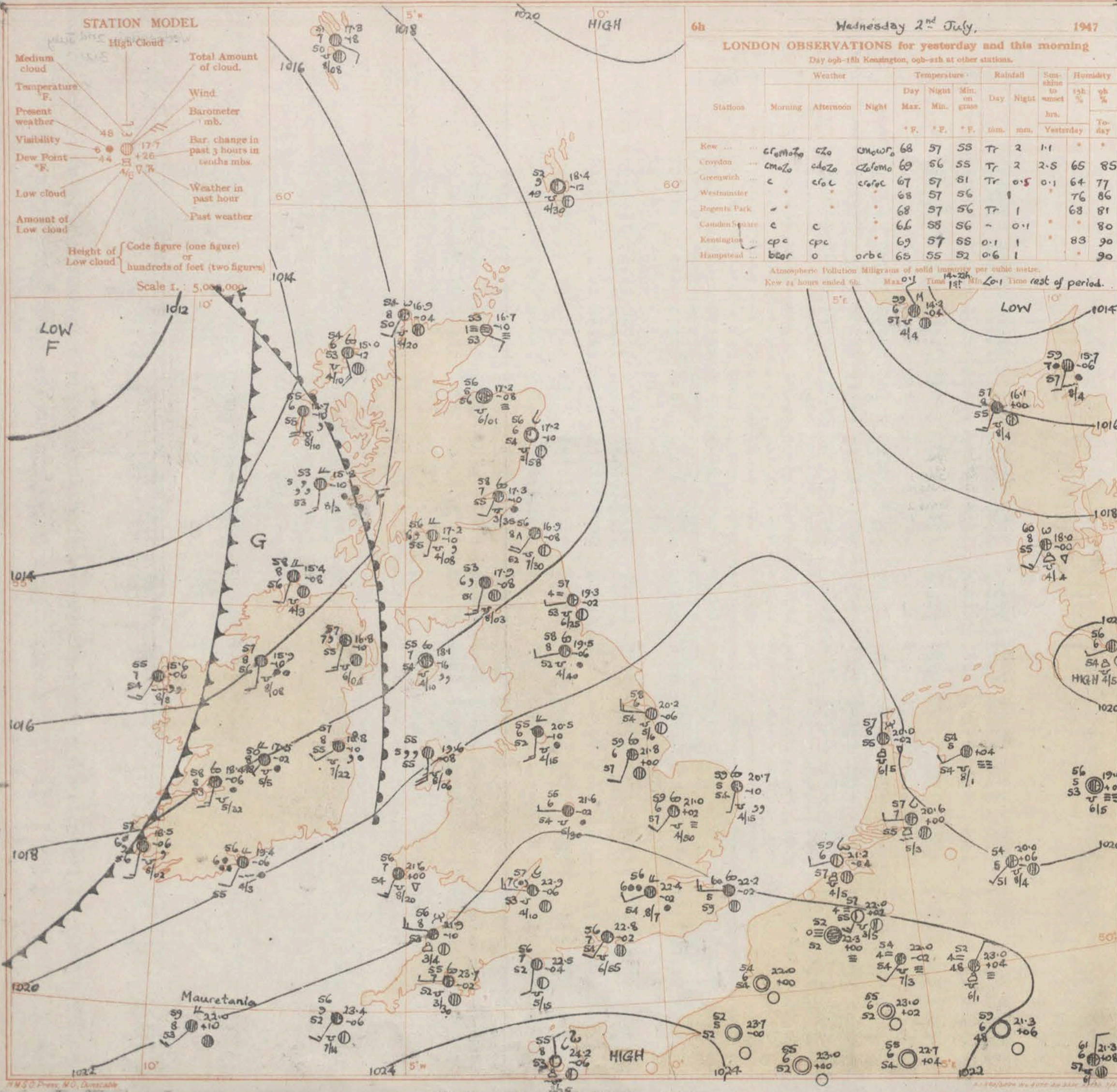
LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-24h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew ...	c r MoLo	cLo	cMoLo	68	57	55	Tr	2	1.1	*	*
Croydon ...	cMoLo	cLoLo	cLoMo	69	56	55	Tr	2	2.5	65	85
Greenwich ...	c	cLo	cLoLo	67	57	51	Tr	0.5	0.1	64	77
Westminster	.	.	.	68	57	56	.	.	.	76	86
Regents Park	.	.	.	68	57	56	Tr	1	.	68	81
Canterbury	c	c	.	66	58	56	.	0.1	.	80	80
Kensington ...	cpc	cpc	.	69	57	55	0.1	1	.	83	90
Hampstead ...	bcl	o	orbc	65	55	52	0.6	1	.	90	90

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.1 Time 14-24h Min. 0.1 Time rest of period.

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Humidity
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4 77
6 86
8 81
80
3 90
90
period.

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15.7
-06

1016

1018

1020

56 20.0
6 +0.0
54.8
RH 45

1020

19.0
+0.0
615

1020

50

21.3
+0.8

A complex trough of low pressure in the West moving E slowly. It will be cloudy in the West and in Scotland with occasional rain or drizzle mainly slight and considerable coast and hill fog. In the East and in Midlands it will be rather cloudy with occasional light rain or drizzle but some bright periods. It will be rather warm and close.

GENERAL INFERENCE

Rather warm and close generally. Occasional rain or drizzle with hill fog in North and West but mainly fair in Southeast with some bright periods.

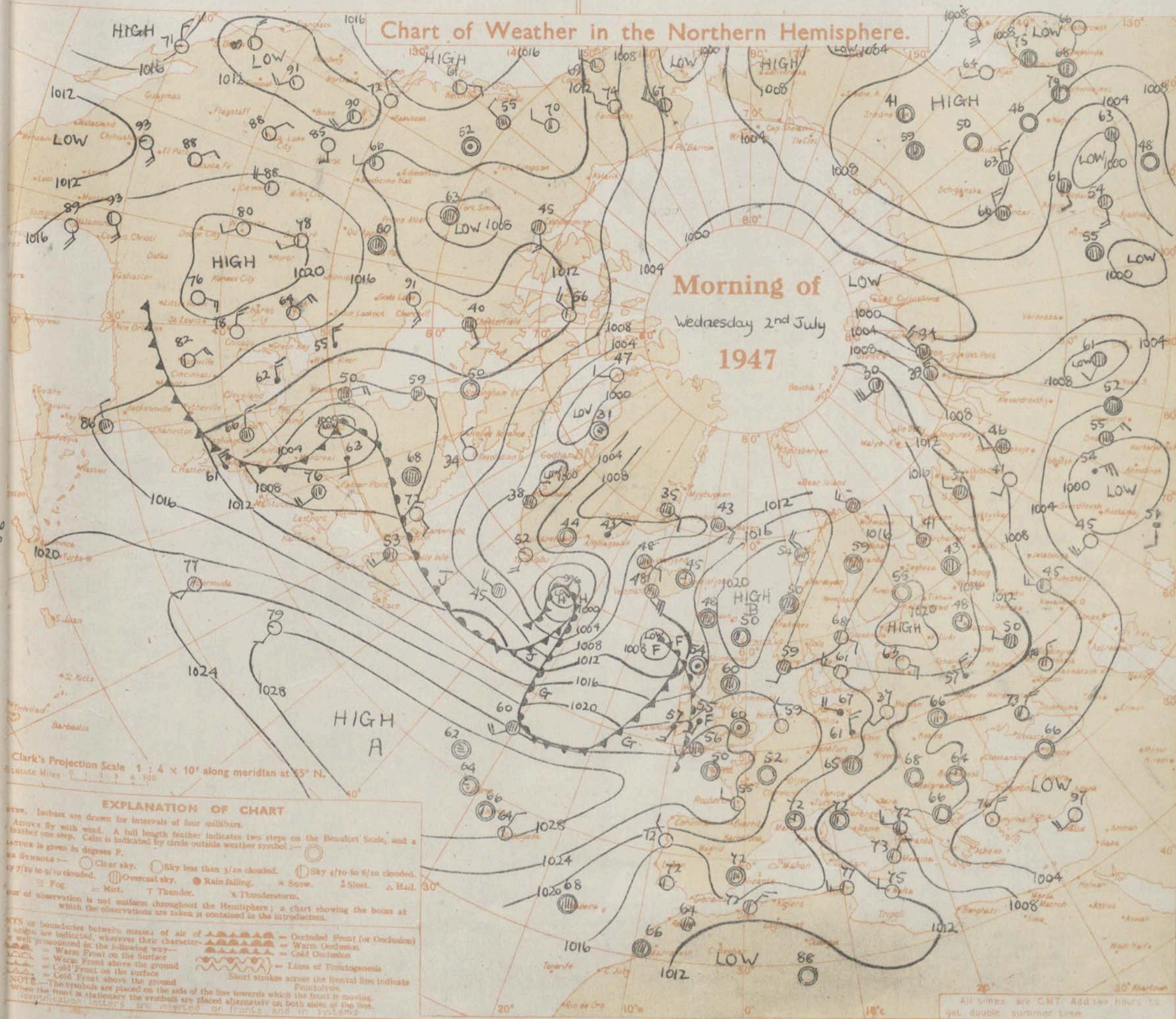
FURTHER OUTLOOK

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 2nd July

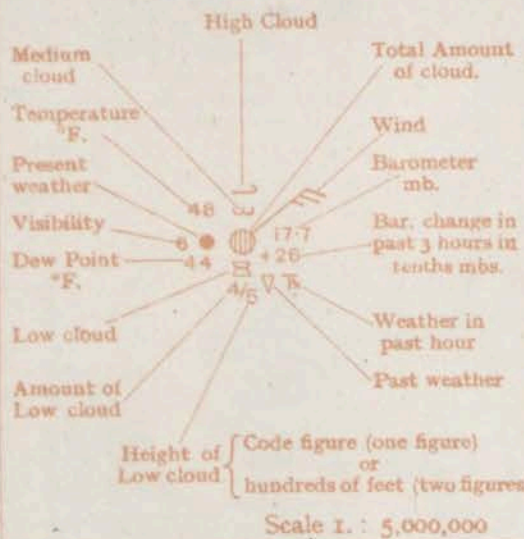
1947



BRITISH SECTION		THE DAILY WEATHER REPORT																				Wednesday 2nd July 1947																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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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.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						State of Ground.	Weather.	Temperature		Rain.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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OBSERVATIONS during DAY (2nd)

STATION MODEL



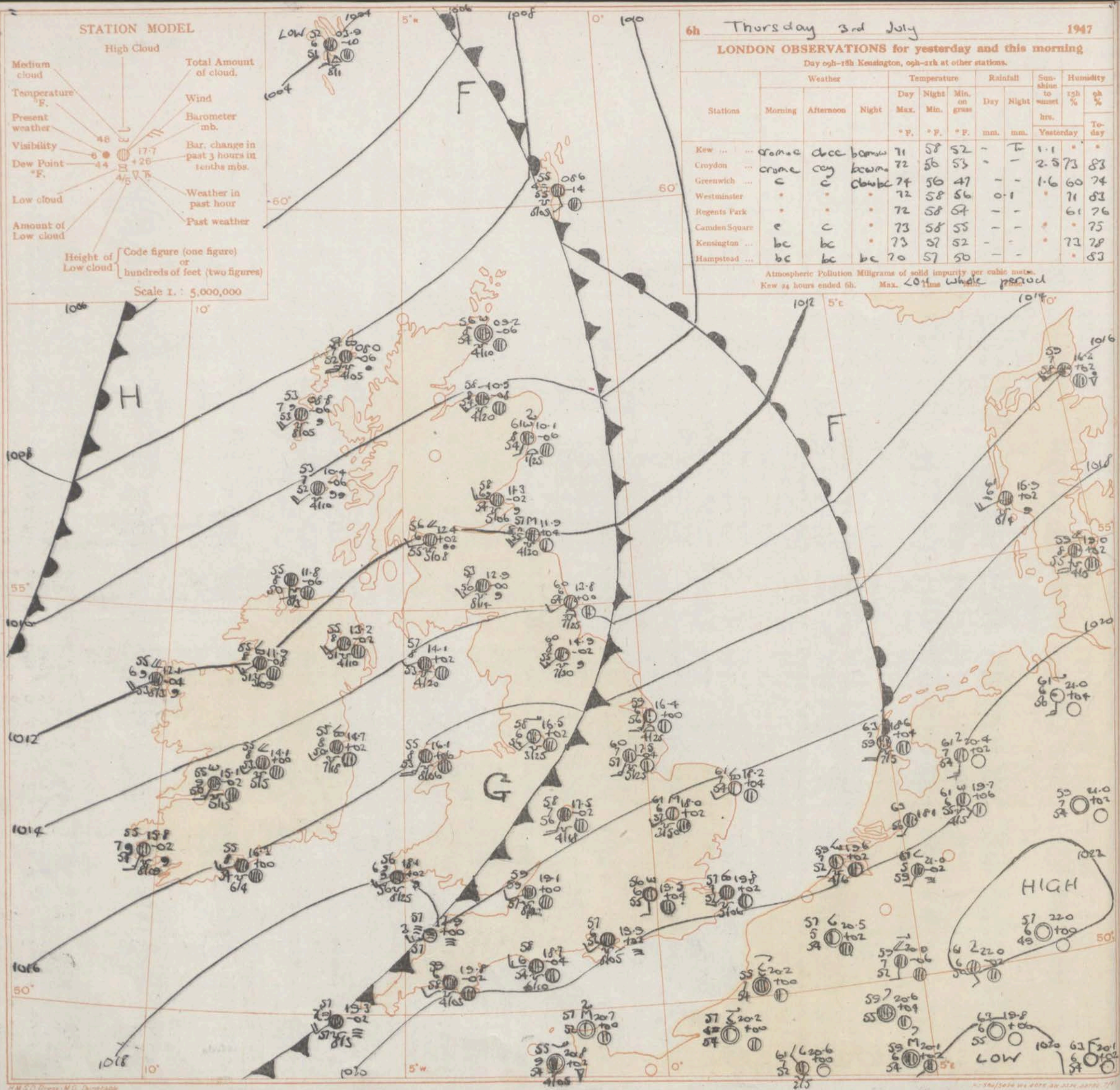
6h Thursday 3rd July 1947

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		19h %	0h %
Kew ...	crim.c	dec barw		71	58	52	-	-	1.1	73	83
Croydon ...	crim.c	dec barw		72	56	53	-	-	2.5	73	83
Greenwich ...	c	c	clwbc	74	56	47	-	-	1.6	60	74
Westminster	.	.	.	72	58	56	0.1	-	.	71	83
Regents Park	.	.	.	72	58	54	-	-	.	61	76
Camden Square	c	c	.	73	58	55	-	-	.	.	75
Kensington ...	bc	bc	.	73	57	52	-	-	.	73	78
Hampstead ...	bc	bc	bc	70	57	50	-	-	.	.	83

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 20.4 whole period



1947

ing

Humidity

1st

To-day

73

60

71

61

75

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GENERAL INFERENCE

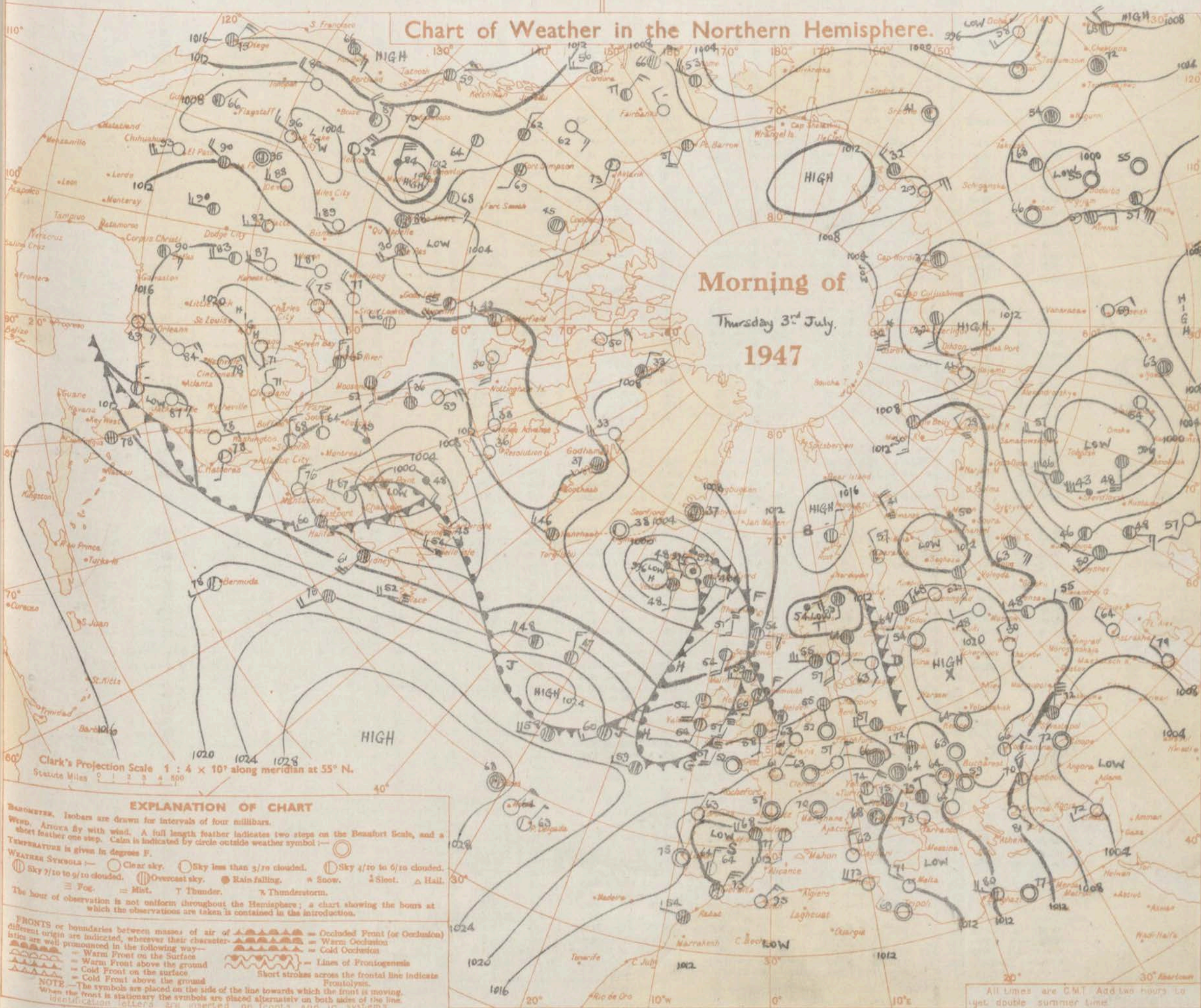
A complex depression is almost stationary near Iceland, and associated weak fronts are moving slowly eastwards across the British Isles. Weather will be cloudy in all areas with occasional light rain or drizzle near the front and in western coastal districts, where there will be much very low cloud and fog patches, but fair periods are expected inland, especially in the east. Rather warm.

FURTHER OUTLOOK

The occlusion OH will clear the British Isles by Friday evening, and weather will have become fair behind it, with scattered showers in the north. Probably continuing mainly fair in all areas throughout Saturday, with slowly rising day temperatures.

Chart of Weather in the Northern Hemisphere.

Morning of
Thursday 3rd July.
1947



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

No. 31270

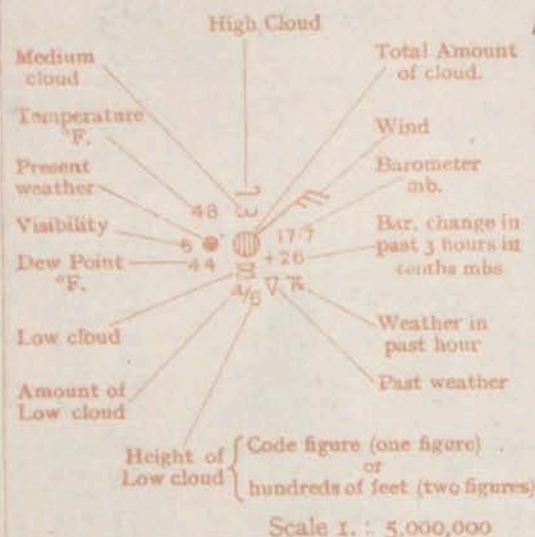
NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

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

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

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

STATION MODEL



6h

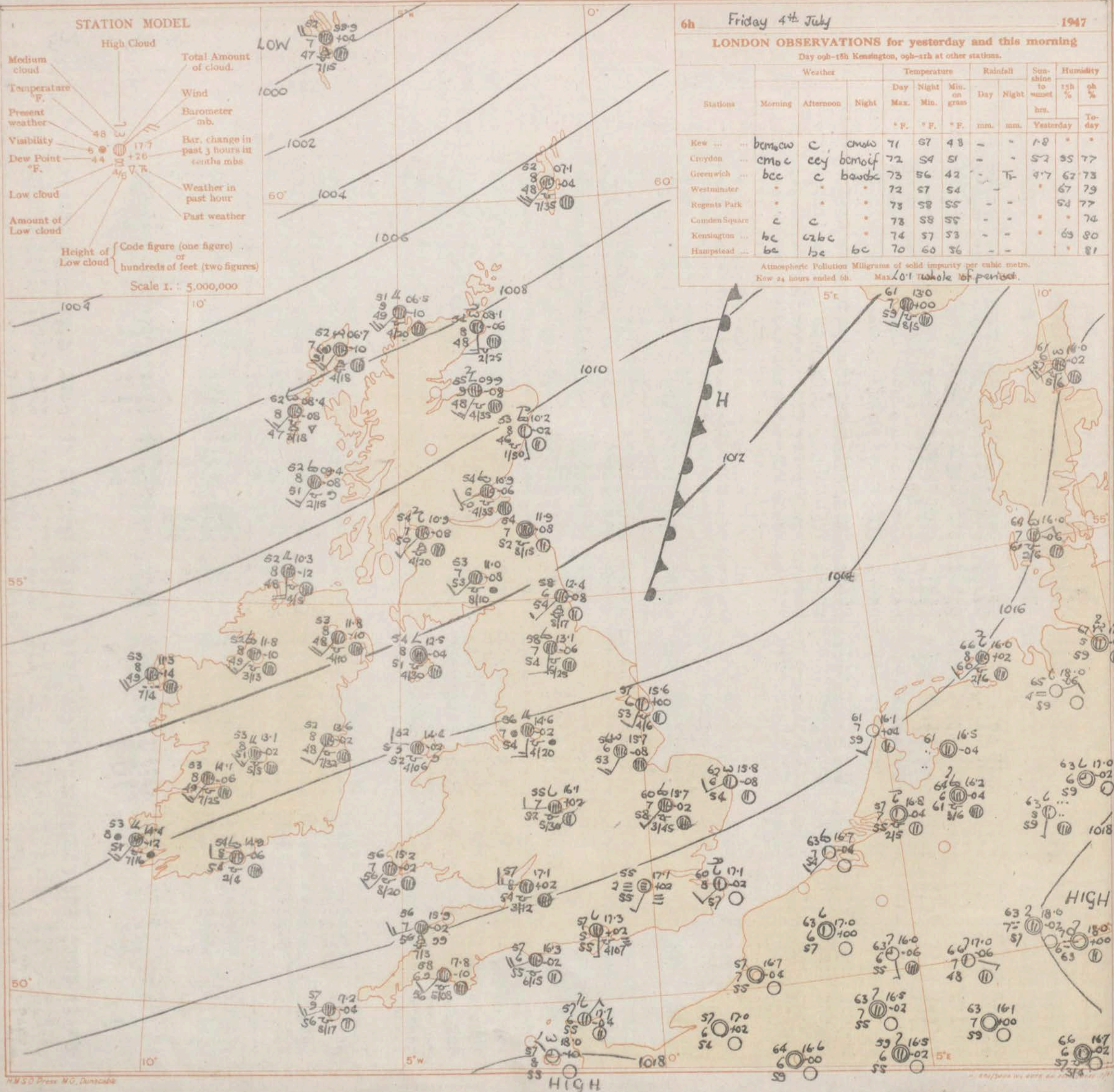
Friday 4th July

1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	0h %
				° F.	° F.	° F.	mm.	mm.		Yesterday	To-day
Kew ...	bcm,cw	c	cm,cw	71	67	48	-	-	1.8	*	*
Croydon ...	cm,c	c	cm,c	72	64	51	-	-	5.2	55	77
Greenwich ...	bcc	c	baw,c	73	66	42	-	-	4.7	67	73
Westminster ...	*	*	*	72	67	54	-	-	*	67	79
Regents Park ...	*	*	*	73	68	55	-	-	*	64	77
Comden Square ...	c	c	*	73	68	55	-	-	*	*	74
Kensington ...	bc	c2bc	*	74	67	53	-	-	*	69	80
Hampstead ...	bc	bc	bc	70	60	36	-	-	*	*	81

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 20.1. Whole of period.

GENERAL INFERENCE

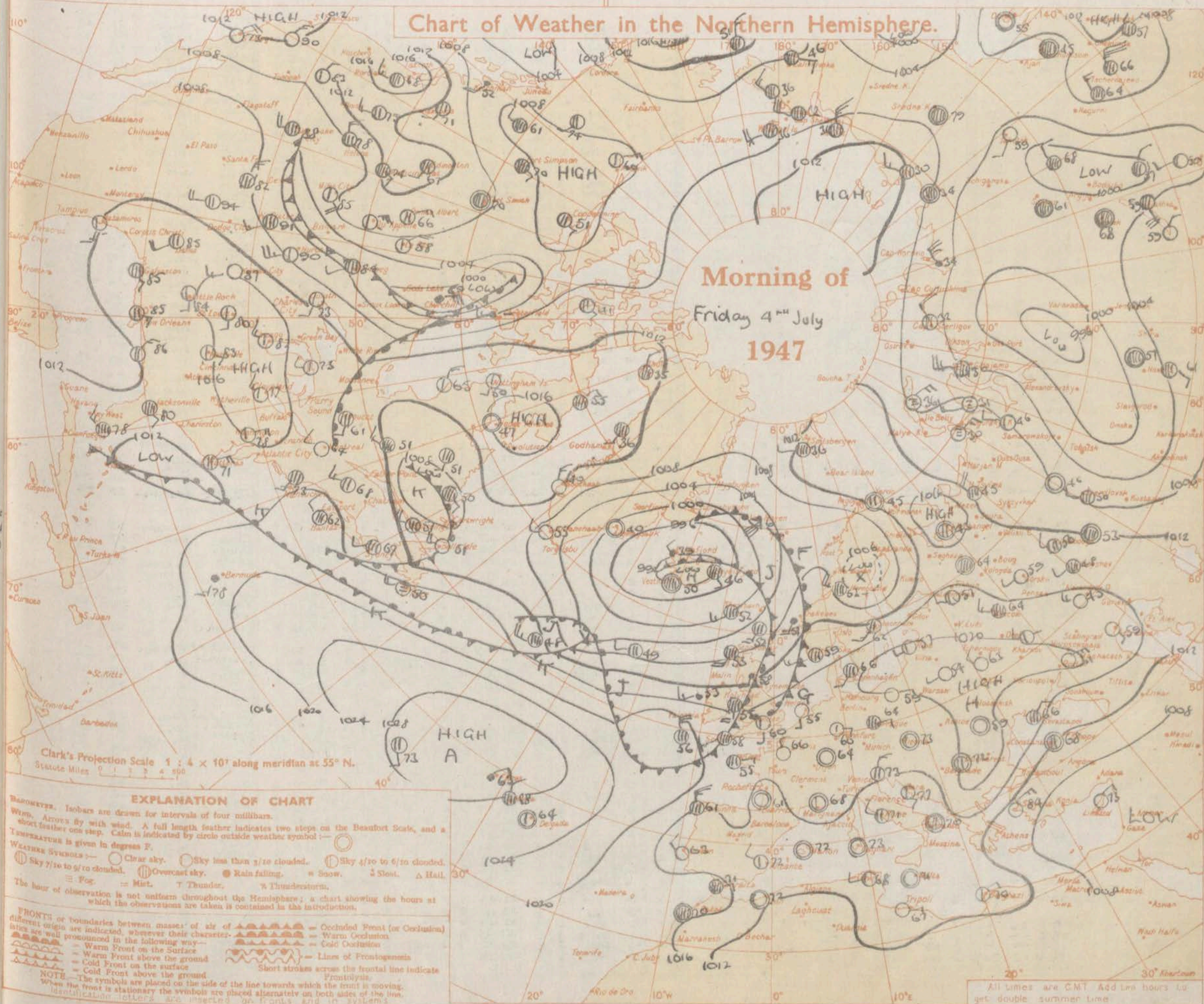
It will be mainly fair and cloudy in most places at first, though local slight rain or showers will occur mainly in west coastal districts. A period of more continuous rain is likely in many northern and western districts later. Rather close in the South, rather cool in the North.

FURTHER OUTLOOK

Mainly cloudy: occasional rain or showers, at times, more especially in northern and western districts.

Chart of Weather in the Northern Hemisphere.

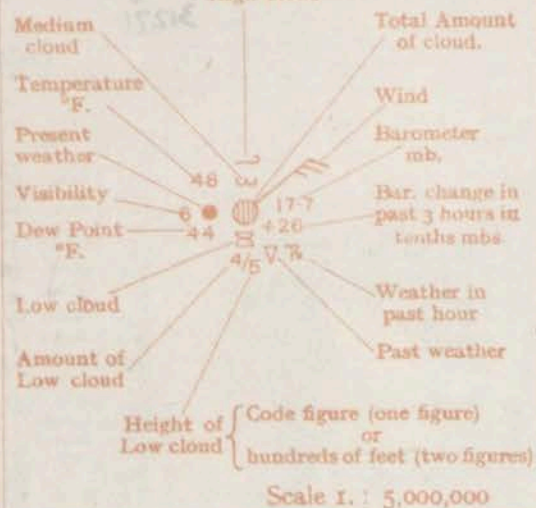
Morning of
Friday 4th July
1947



BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Friday 4th July 1947
No. 31270.

OBSERVATIONS at 00hr. G.M.T. 4 th July																	OBSERVATIONS at 06hr. G.M.T. 4 th July																	9 h.					OBSERVATIONS during NIGHT				
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					State of Ground.	Weather.	Temperature		Rain												
					Dir.	Force.				Form.	Amount.		Height of Base Hundreds of feet.	Dir.			Force.	Form.				Amount.		Height of Base Hundreds of feet.	rth.-ooh.	ooh.-ash.			Min. °F.	Min. on Grass °F.													
											Low.	Med.										High.	Total.									Low.	Med.	High.	Total.	A.	B.	A.	B.				
1	Kew	16	17.7	-4	S	2	60	57	6						17.1	-6	SSW	2	Mo	59	56	5																					
	Croydon	217	17.7	-4	S	2	60	57	6						17.1	-2	SSW	1	S	55	55	2																					
	S. Farnborough	226	17.7	-2	S	1	60	55	6						17.0	-2	SW	2	b-bc	58	55	7																					
	Boscombe Down	427	18.0	0	W	1	56	55	6						17.0	-2	SW	2	Mo	57	54	6																					
	Caishot	8	18.4	+2	WSW	3	57	55	6						17.4	0	SSE	1		58	55	7																					
2	Tangmere	53	18.1	-2		0	56	56	2						17.3	+2	S	1	Mo	57	55	5																					
	Lympe	341	18.0	-2		0	57	57	6						16.5	-10		0	b-bc	61	57	8																					
	Manston	140	18.1	-2	SSW	1	62	61	8						17.1	-2	SW	2	bc	60	57	8																					
	Sheerbyness	11													17.8	+2	SSW	1	b-bc	67	62	7																					
	Pelicanshoe	10	17.1	-2		0	63	61	7						16.3	-2	WSW	2	Mo	62	59	6																					
3	Gorleston	5	16.9	-4	SSW	2	65	56	7						15.8	-8	WSW	2	Z	62	54	6																					
	Mildenhall	15	16.6	-4	SSW	2	63	59	7						15.7	-2	SW	1	c	60	58	7																					
	West Raynham	250	16.3	-4	SSW	3	62	59	7						15.3	-2	SSW	3	Mo	59	58	6																					
	Waddington	235	16.5	+2	SW	3	62	59	7						15.9	-8	SSW	3	Mo	56	53	6																					
	Cranfield	340	16.8	-2	SW	1	59	57	7						16.3	0	SW	2	Mo	57	54	6																					
4	Honiley	427	16.3	-4	SW	2	58	54	8						16.1	+2	W	2	c	55	52	7																					
	Little Rissington	731	17.7	-4	WSW	3	56	54	7						16.6	-6	W	4	c	55	51	7																					
	Bafford	58	17.3	+2	WNW	1	58	53	7						16.2	-4	S	2	c	56	53	7																					
	Bristol	209	18.0	-2	W	3	57	54	8						17.1	+2	W	3	c	57	54	8																					
	Hartland Point	290	17.4	0	WSW	3	57	53	8						15.9	-2	WSW	3	cl	56	56	7																					
5	Yeovilton	30													16.6	+4	W	2	0	57	53	7																					
	Portland Bill	32	18.0	0	SWW	3	58	54	7						16.3	-2	WIS	4	Mo	57	55	6																					
	Exeter	100	18.1	+2		0	58	54	7						17.2	-2	SW	2	c	58	55	7																					
	Plymouth	86	18.8	+2	W	2	57	53	8						17.8	-10	SW	2	ido	58	56	6																					
	St. Eval	345	18.8	+2	SW	2	56	53	8						17.3	-2	SW	3	cl	56	55	8																					
6	Isard	249	18.9	+2	WNW	2	56	54	7						17.3	0	WNW	4	c	56	56	7																					
	Guernsey	340	19.1	0	W	1	55	53	8						18.0	-10	NW	1	b	57	55	8																					
	Scilly, St. Marys	103	18.6	+2	WSW	2	58	56	8						17.2	-4	WIS	3	e	57	56	9																					
	Fairwood	268	17.4	-2	W	1	56	53	7						16.1	-2	W	3	cl	56	55	5																					
	Pembroke	142	17.5	0	SW	2	56	54	7						15.2	-3	SW	2	c	56	56	7																					
7	Aberporth	485	16.6	-6	SWW	3	58	54	8						14.6	-6	SSW	3	ido	56	55	8																					
	Holyhead (Valley)	32	15.3	-4	S	4	55	53	6						14.4	-2	W	2	ido	52	50	5																					
	Hawarden	15	15.8	+2	SW	2	57	55	6						14.4	-4	SSW	1	cl	57	57	8																					
	Manchester	230	15.4	-4	SSE	3	55	53	6						14.6	-2	S	1	cl	56	54	7																					
	Squires Gate	33													14.0	-6	WNW	3	c	54	53	7																					
8	Carlisle	260	12.2	-10	SW	2	57	54	7						11.8	-4	WSW	3	ido	56	55	6																					
	Finnigley	28	14.3	+2	SE	2	57	56	6						14.2	-6	SSW	1	Mo	57	55	6																					
	Spurn Head	29	16.1	+10	NW	3	62	59	7						15.6	0	SSW	2	Mo	57	53	6																					
	Leeming	105	14.4	-6	ESSE	2	57	52	8						13.1	-6	S	2	c	58	54	7																					
	Tynemouth	108	14.2	0	SSW	1	58	52	7						12.4	-8	SW	1	Mo	58	54	6																					
9	Ackington	138	13.8	-2	SW	3	55	52	7						12.1	-8	SW	2	cl	58	55	7																					
	St. Abb's Head	280	12.5	+10	SW	3	54	52	7						11.9	-8		0	c	54	52	7																					
	Leuchars	31	11.8	0	W	3	55	53	8						10.9	-6	WSW	2	Mo	54	50	6																					
	Bell Rock	11	11.5	+2	SW	4	57	53	8						10.6	-4	SW	5	c	53	49	7																					
	Renfrew	35	12.7	-2	W	2	56	49	7						10.9	-8	SW	1	c	54	50	7																					

STATION MODEL



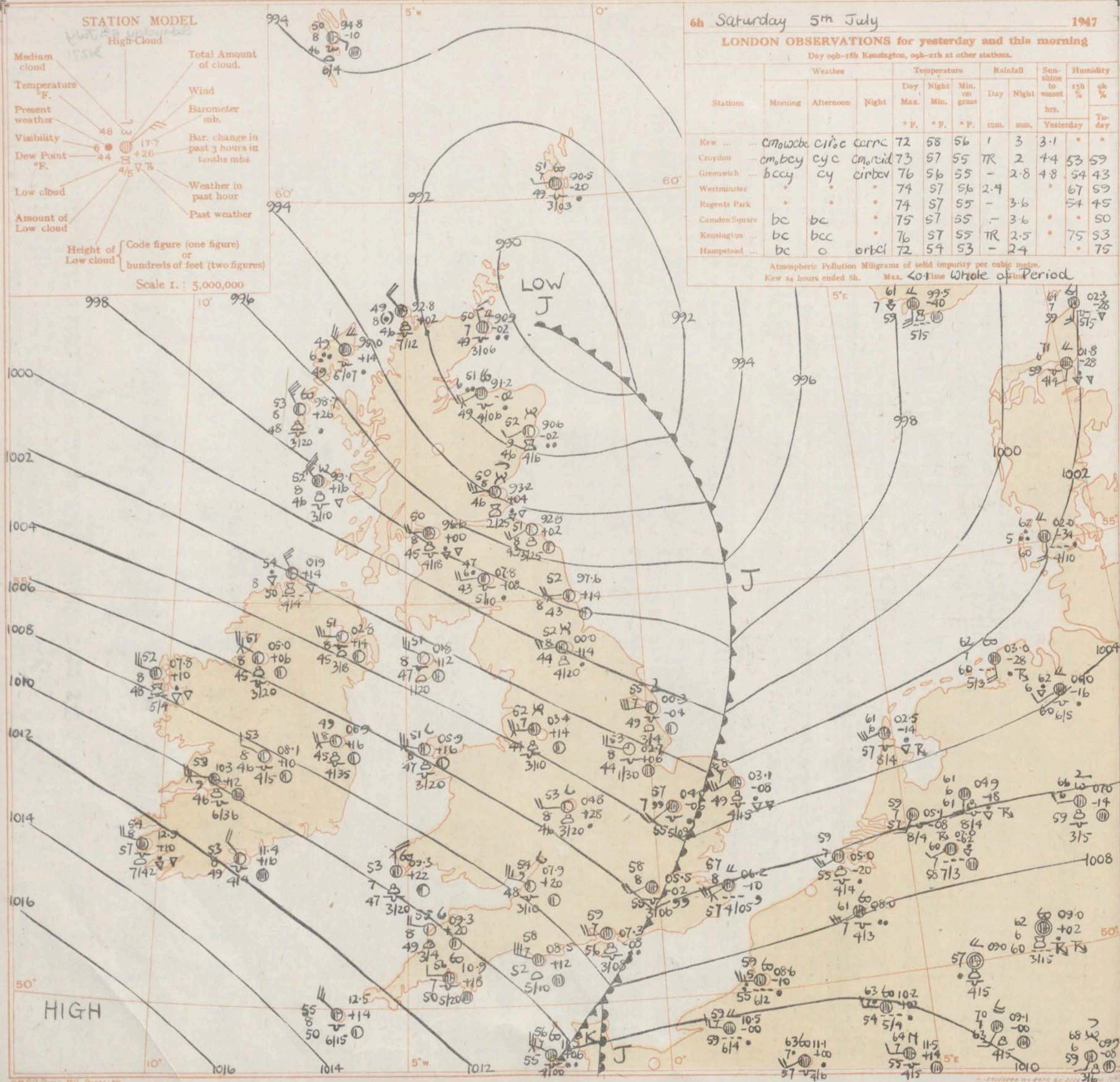
6h Saturday 5th July

1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		Yester- day	To- day
Kew ...	cmowcbs	ciroc	carrc	72	58	56	1	3	3.1	.	.
Croydon ...	cm.bcy	cyc	cm.rid	73	57	55	TR	2	4.4	53	59
Greenwich ...	bccy	cy	cirobv	76	56	55	-	2.8	4.8	54	43
Westminster	.	.	.	74	57	56	2.4	.	.	67	59
Regent's Park	.	.	.	74	57	55	-	3.6	.	54	45
Camden Square	bc	bc	.	75	57	55	-	3.6	.	.	50
Kensington ...	bc	bcc	.	76	57	55	TR	2.5	.	75	53
Hampstead ...	bc	c	orbci	72	54	53	-	2.4	.	.	75

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 5h. Max. 40.1 time Whole of Period

GENERAL INFERENCE

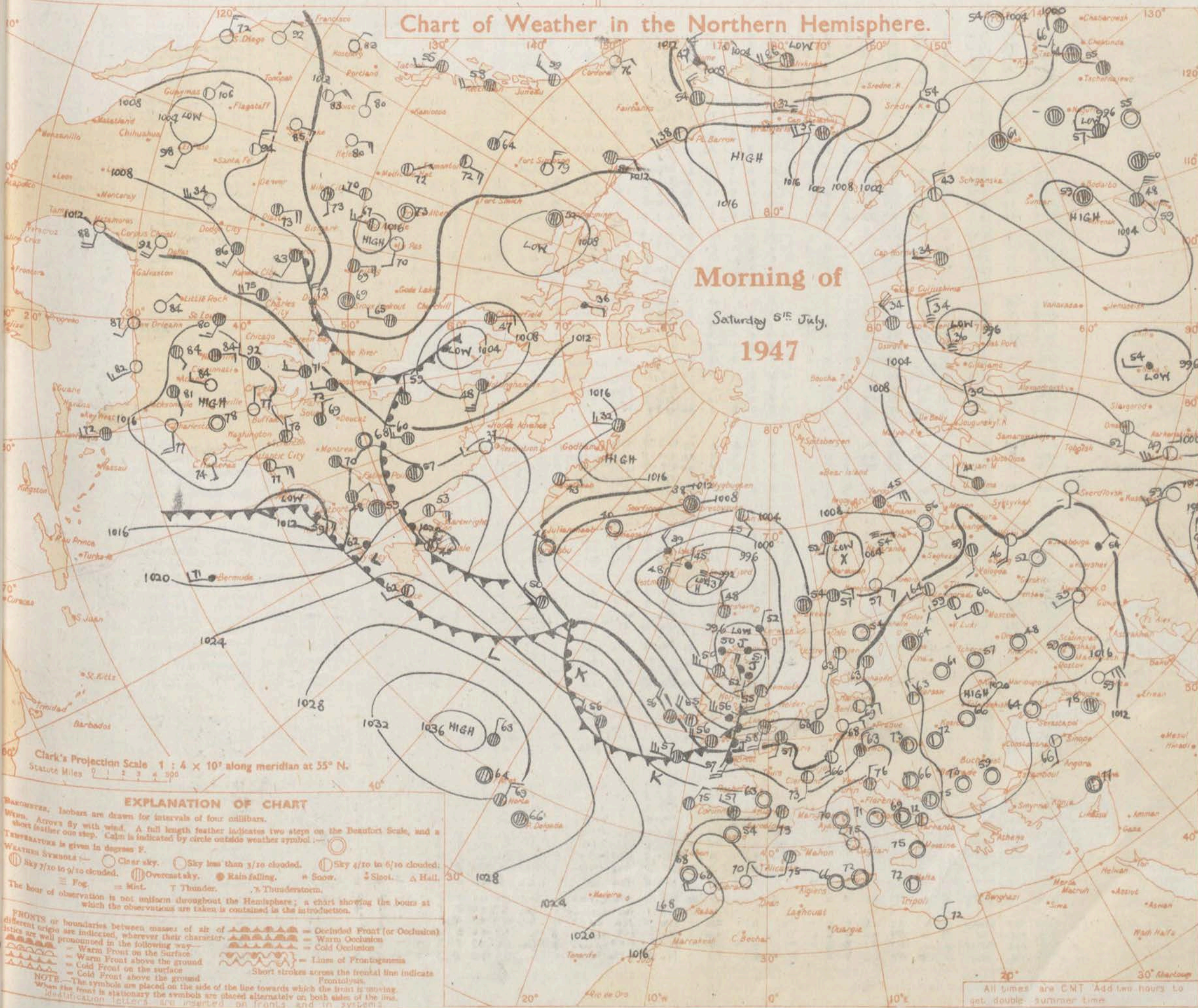
A depression in Northeast of Scotland is moving east and a cool northwest current covers the British Isles. There will be thundery showers in Scotland. There will be fair periods and showers in North England and the Midlands and it will be mainly fair in Southern districts but perhaps some scattered showers later.

FURTHER OUTLOOK

Continuing rather cool or rather cool with showers and bright periods, the showers being most frequent in the North.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 5th July,
1947



OBSERVATIONS Friday NIGHT

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

1947

GHT

Rain

mm.

(43)

0.1

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

Sunday 6th July

1947

No. 31272

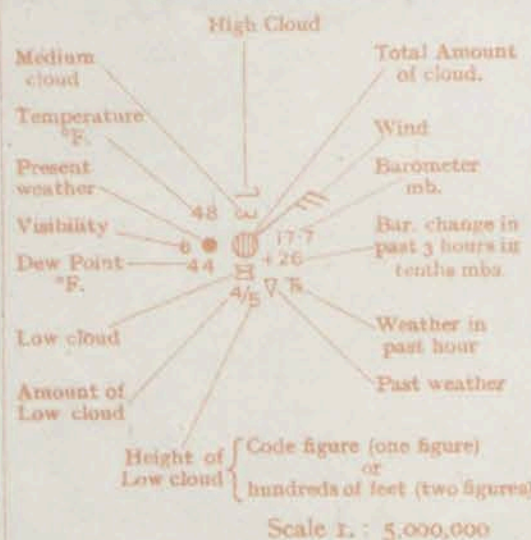
OBSERVATIONS at 12h. G.M.T. 5th July

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

OBSERVATIONS during DAY (5th)

Distance. STATIONS. (For heights see p. 4.)	Barom. at M.S.L. in h. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Dew Point °F. (7)	Visibility. m. (8)	Cloud.				Height of Base Hundreds of feet. A. B. C. D. (12) (13) (14) (15)	Barom. at M.S.L. in h. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (22)	Dew Point °F. (23)	Visibility. m. (24)	Cloud.				Height of Base Hundreds of feet. A. B. C. D. (28) (29) (30) (31)	State of Ground. °F. (32)	Weather.		Max. Temp. °F. (36)	Sun- shine Hrs. (37)	Rain in h. (38)																																																																																																																																																																																																																																																																																																						
			Dir.	Force.					Low.	Med.	High.	Total.				Dir.	Force.					Low.	Med.	High.	Total.			0-9 0-9 0-9	0-9 0-9 0-9				0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	0-9 0-9 0-9	

STATION MODEL



6th Sunday 6th July

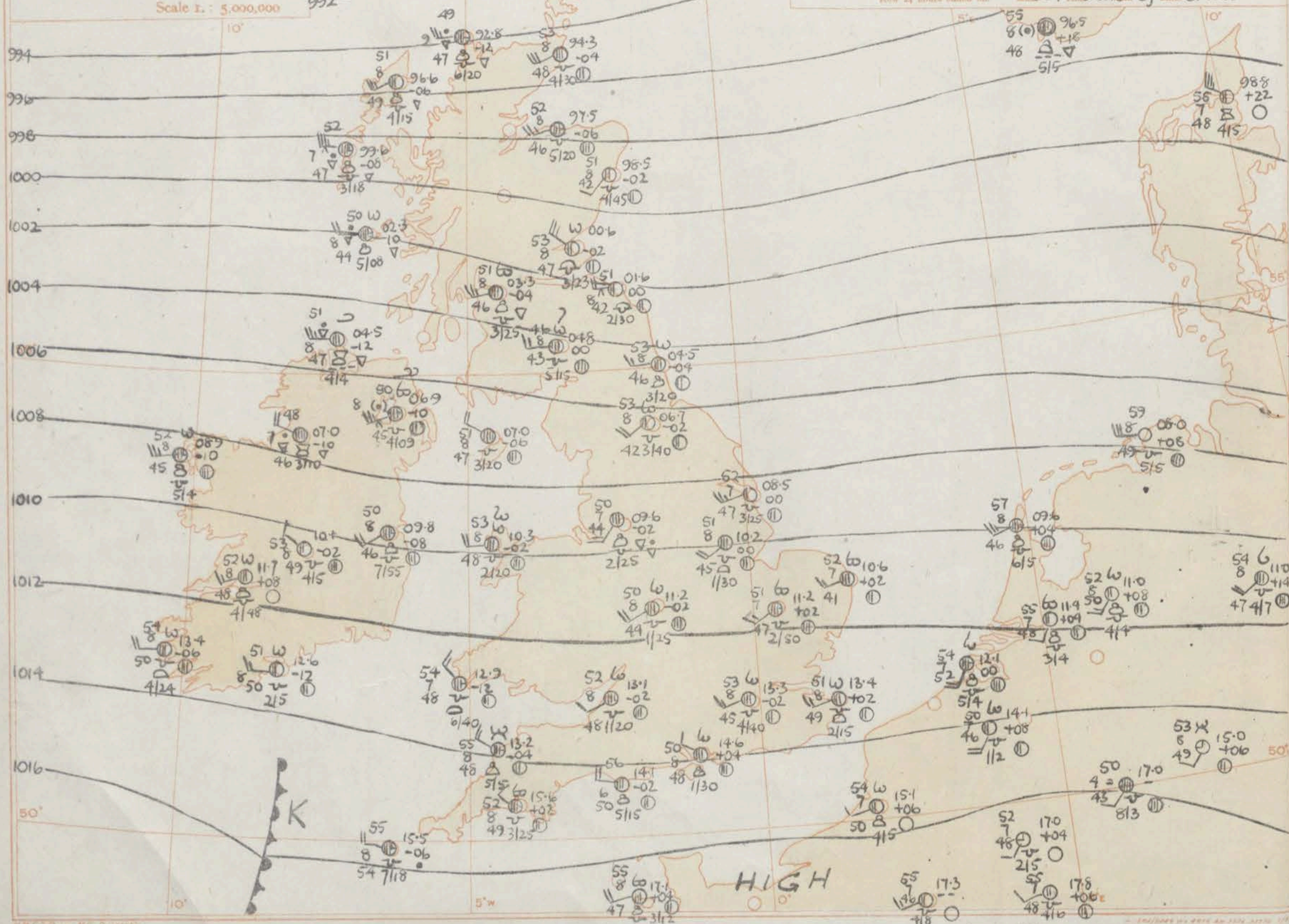
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	hrs.	Yesterday	To-day
New ...	bcc	cp. bcy	bcy	64	52	44	TR	-	5.7	-	-	-
Croydon ...	cbccy	cbcy	bcy	65	50	47	-	-	7.6	42	60	60
Greenwich ...	bccvy	cvy	bcy	65	48	38	-	TR	7.1	45	61	61
Westminster ...	.	.	.	66	51	48	-	-	.	55	.	.
Regents Park ...	.	.	.	.	.	.	-	-	.	.	.	.
Camden Square ...	bc	bc	.	66	50	47	-	-	.	.	65	65
Kensington ...	bcbc	bcbc	.	65	50	45	TR	-	.	55	75	75
Hampstead ...	bc	bc	c	64	47	42	-	-	.	.	63	63

Atmospheric Pollution. Milligrams of solid impurity per cubic metre. New 24 hours ended 5h. Max. 0.1. Whole of Period.



At 0600
while a
In the
apart. 8
local high
cease for
Here will
Northern
may be
Scotland

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

947
2
60
61
65
75
63

988
+22
0

55

6
110
114
17

50

GENERAL INFERENCE

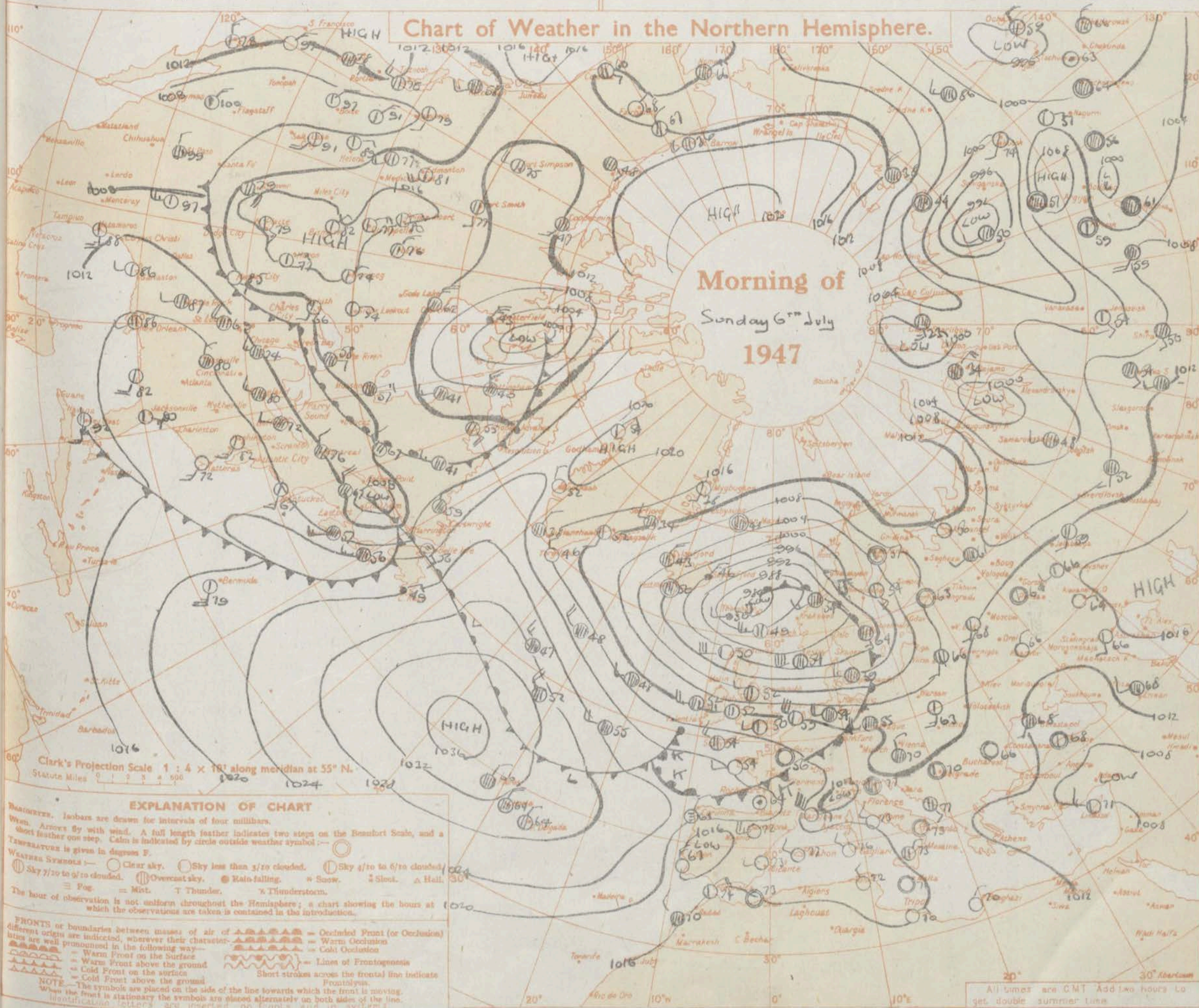
At 0600hrs a depression near the Faroes was almost stationary while a small disturbance in the West Channel was moving east. In the Southern half of England and Wales weather will be mainly fair apart from scattered light showers this afternoon and this evening and local light rain and drizzle in Southwest England which is expected to cease later this afternoon. Over the Northern half of England and Wales there will be occasional showers and fair periods, while in Scotland and Northern Ireland there will be more frequent and heavier showers which may be accompanied by squalls and local thunder in North and West Scotland. Cool generally.

FURTHER OUTLOOK

Fair in the Southern half of England and Wales apart from a chance of showers at first. Little change elsewhere.

Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 6th July
1947



BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Sunday 6th July

1947

No. 31272

OBSERVATIONS at 00hr. G.M.T. 6th JulyOBSERVATIONS at 06hr. G.M.T. 6th JulyOBSERVATIONS at 09hr. G.M.T. 6th July

District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.			Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.			Temp.	Dew Point.	Visibility.	Cloud.					State of Ground.	Weather.		Temperature		Rain																																																																	
					Dir.	Force.	Weather.				Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.			Weather.	Form.	Amount.				Height of Base Hundreds of feet.	Dir.	Force.	Weather.	Min. °F.		Min. on Grass °F.																																																																					
																															Low.	Med.	High.		Total.	Low.	Med.	High.	Total.	Low.	Med.	High.	Total.																																																								
																																												A.	B.	A.	B.	A.	B.	A.	B.	A.	B.	A.	B.																																												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
1	Kew	116	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Croydon	222	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	S. Farnborough	226	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Boscombe Down	427	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Calshot	8	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Tangmere	53	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Lymington	341	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Manston	140	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
2	Sheerness	11	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Felixstowe	10	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Corlieston	5	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Mildenhall	15	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	West Raynham	260	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Waddington	235	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
3	Cranfield	340	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Honiley	447	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
4	Little Rissington	731	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Defford	58	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
5	Bristol	209	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Hartland Point	290	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Yeovilton	50	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Portland Bill	39	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Exeter	100	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Plymouth	86	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	St. Eval	345	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Lizard	240	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Guernsey	340	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
6	Scilly, St. Marys	163	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Fairwood	268	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Pembroke	142	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Aberporth	485	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
7	Holyhead (Valley)	32	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Hawarden	15	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
8	Manchester	230	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Squires Gate	33	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
	Carlisle	100	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1	bkc	bkc	52	44	-																																																																		
9	Finningley	28	30.5	+6	SW	4	bkc	52	45	7	1	1	1	60	13.3	0	WSW	2	c	64	50	8	5	1	6	6	40	1																																																																							

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

Monday 7th July

1947

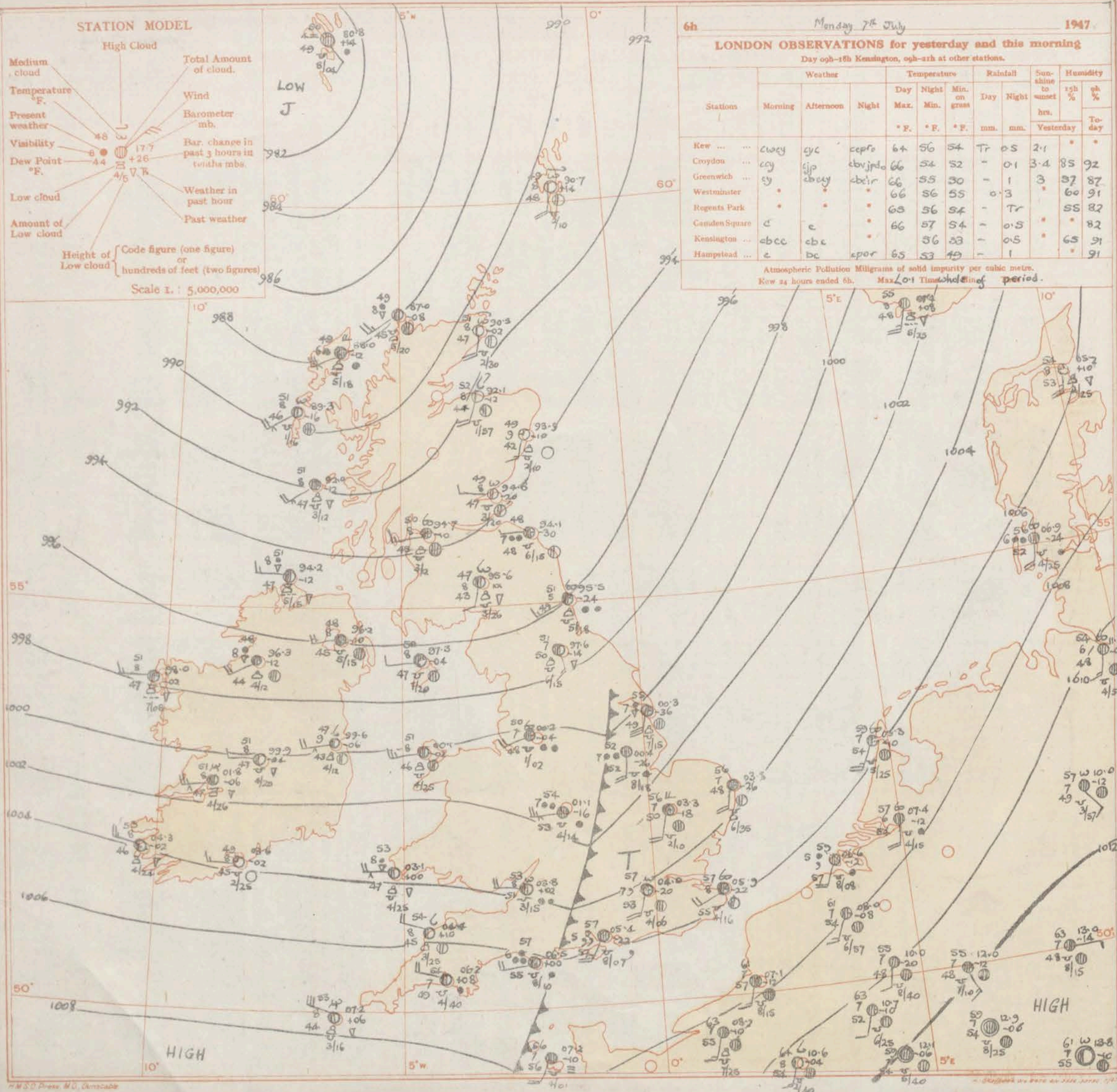
No. 31273

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

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

OBSERVATIONS during DAY (6th)

Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. (°F) (8)	Dew Point (°F) (9)	Visibility (10)	Cloud.				Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather.	Temp. (°F) (28)	Dew Point. (°F) (29)	Visibility. (30)	Cloud.				Barom. at M.S.L. (37)	Change in 3 hours. (38)	Wind.		Weather.	Temp. (°F) (48)	Dew Point. (°F) (49)	Visibility. (50)	Cloud.				Barom. at M.S.L. (57)	Change in 3 hours. (58)	Wind.		Weather.	Temp. (°F) (68)	Dew Point. (°F) (69)	Visibility. (70)	Cloud.				Barom. at M.S.L. (77)	Change in 3 hours. (78)	Wind.		Weather.	Temp. (°F) (88)	Dew Point. (°F) (89)	Visibility. (90)	Cloud.				Barom. at M.S.L. (97)	Change in 3 hours. (98)	Wind.		Weather.	Temp. (°F) (108)	Dew Point. (°F) (109)	Visibility. (110)	Cloud.				Barom. at M.S.L. (117)	Change in 3 hours. (118)	Wind.		Weather.	Temp. (°F) (128)	Dew Point. (°F) (129)	Visibility. (130)	Cloud.				Barom. at M.S.L. (127)	Change in 3 hours. (128)	Wind.		Weather.	Temp. (°F) (138)	Dew Point. (°F) (139)	Visibility. (140)	Cloud.				Barom. at M.S.L. (137)	Change in 3 hours. (138)	Wind.		Weather.	Temp. (°F) (148)	Dew Point. (°F) (149)	Visibility. (150)	Cloud.				Barom. at M.S.L. (147)	Change in 3 hours. (148)	Wind.		Weather.	Temp. (°F) (158)	Dew Point. (°F) (159)	Visibility. (160)	Cloud.				Barom. at M.S.L. (157)	Change in 3 hours. (158)	Wind.		Weather.	Temp. (°F) (168)	Dew Point. (°F) (169)	Visibility. (170)	Cloud.				Barom. at M.S.L. (167)	Change in 3 hours. (168)	Wind.		Weather.	Temp. (°F) (178)	Dew Point. (°F) (179)	Visibility. (180)	Cloud.				Barom. at M.S.L. (177)	Change in 3 hours. (178)	Wind.		Weather.	Temp. (°F) (188)	Dew Point. (°F) (189)	Visibility. (190)	Cloud.				Barom. at M.S.L. (187)	Change in 3 hours. (188)	Wind.		Weather.	Temp. (°F) (198)	Dew Point. (°F) (199)	Visibility. (200)	Cloud.				Barom. at M.S.L. (197)	Change in 3 hours. (198)	Wind.		Weather.	Temp. (°F) (208)	Dew Point. (°F) (209)	Visibility. (210)	Cloud.				Barom. at M.S.L. (207)	Change in 3 hours. (208)	Wind.		Weather.	Temp. (°F) (218)	Dew Point. (°F) (219)	Visibility. (220)	Cloud.				Barom. at M.S.L. (217)	Change in 3 hours. (218)	Wind.		Weather.	Temp. (°F) (228)	Dew Point. (°F) (229)	Visibility. (230)	Cloud.				Barom. at M.S.L. (227)	Change in 3 hours. (228)	Wind.		Weather.	Temp. (°F) (238)	Dew Point. (°F) (239)	Visibility. (240)	Cloud.				Barom. at M.S.L. (237)	Change in 3 hours. (238)	Wind.		Weather.	Temp. (°F) (248)	Dew Point. (°F) (249)	Visibility. (250)	Cloud.				Barom. at M.S.L. (247)	Change in 3 hours. (248)	Wind.		Weather.	Temp. (°F) (258)	Dew Point. (°F) (259)	Visibility. (260)	Cloud.				Barom. at M.S.L. (257)	Change in 3 hours. (258)	Wind.		Weather.	Temp. (°F) (268)	Dew Point. (°F) (269)	Visibility. (270)	Cloud.				Barom. at M.S.L. (267)	Change in 3 hours. (268)	Wind.		Weather.	Temp. (°F) (278)	Dew Point. (°F) (279)	Visibility. (280)	Cloud.				Barom. at M.S.L. (277)	Change in 3 hours. (278)	Wind.		Weather.	Temp. (°F) (288)	Dew Point. (°F) (289)	Visibility. (290)	Cloud.				Barom. at M.S.L. (287)	Change in 3 hours. (288)	Wind.		Weather.	Temp. (°F) (298)	Dew Point. (°F) (299)	Visibility. (300)	Cloud.				Barom. at M.S.L. (297)	Change in 3 hours. (298)	Wind.		Weather.	Temp. (°F) (308)	Dew Point. (°F) (309)	Visibility. (310)	Cloud.				Barom. at M.S.L. (307)	Change in 3 hours. (308)	Wind.		Weather.	Temp. (°F) (318)	Dew Point. (°F) (319)	Visibility. (320)	Cloud.				Barom. at M.S.L. (317)	Change in 3 hours. (318)	Wind.		Weather.	Temp. (°F) (328)	Dew Point. (°F) (329)	Visibility. (330)	Cloud.				Barom. at M.S.L. (327)	Change in 3 hours. (328)	Wind.		Weather.	Temp. (°F) (338)	Dew Point. (°F) (339)	Visibility. (340)	Cloud.				Barom. at M.S.L. (337)	Change in 3 hours. (338)	Wind.		Weather.	Temp. (°F) (348)	Dew Point. (°F) (349)	Visibility. (350)	Cloud.				Barom. at M.S.L. (347)	Change in 3 hours. (348)	Wind.		Weather.	Temp. (°F) (358)	Dew Point. (°F) (359)	Visibility. (360)	Cloud.				Barom. at M.S.L. (357)	Change in 3 hours. (358)	Wind.		Weather.	Temp. (°F) (368)	Dew Point. (°F) (369)	Visibility. (370)	Cloud.				Barom. at M.S.L. (367)	Change in 3 hours. (368)	Wind.		Weather.	Temp. (°F) (378)	Dew Point. (°F) (379)	Visibility. (380)	Cloud.				Barom. at M.S.L. (377)	Change in 3 hours. (378)	Wind.		Weather.	Temp. (°F) (388)	Dew Point. (°F) (389)	Visibility. (390)	Cloud.				Barom. at M.S.L. (387)	Change in 3 hours. (388)	Wind.		Weather.	Temp. (°F) (398)	Dew Point. (°F) (399)	Visibility. (400)	Cloud.				Barom. at M.S.L. (397)	Change in 3 hours. (398)	Wind.		Weather.	Temp. (°F) (408)	Dew Point. (°F) (409)	Visibility. (410)	Cloud.				Barom. at M.S.L. (407)	Change in 3 hours. (408)	Wind.		Weather.	Temp. (°F) (418)	Dew Point. (°F) (419)	Visibility. (420)	Cloud.				Barom. at M.S.L. (417)	Change in 3 hours. (418)	Wind.		Weather.	Temp. (°F) (428)	Dew Point. (°F) (429)	Visibility. (430)	Cloud.				Barom. at M.S.L. (427)	Change in 3 hours. (428)	Wind.		Weather.	Temp. (°F) (438)	Dew Point. (°F) (439)	Visibility. (440)	Cloud.				Barom. at M.S.L. (437)	Change in 3 hours. (438)	Wind.		Weather.	Temp. (°F) (448)	Dew Point. (°F) (449)	Visibility. (450)	Cloud.				Barom. at M.S.L. (447)	Change in 3 hours. (448)	Wind.		Weather.	Temp. (°F) (458)	Dew Point. (°F) (459)	Visibility. (460)	Cloud.				Barom. at M.S.L. (457)	Change in 3 hours. (458)	Wind.		Weather.	Temp. (°F) (468)	Dew Point. (°F) (469)	Visibility. (470)	Cloud.				Barom. at M.S.L. (467)	Change in 3 hours. (468)	Wind.		Weather.	Temp. (°F) (478)	Dew Point. (°F) (479)	Visibility. (480)	Cloud.				Barom. at M.S.L. (477)	Change in 3 hours. (478)	Wind.		Weather.	Temp. (°F) (488)	Dew Point. (°F) (489)	Visibility. (490)	Cloud.				Barom. at M.S.L. (487)	Change in 3 hours. (488)	Wind.		Weather.	Temp. (°F) (498)	Dew Point. (°F) (499)	Visibility. (500)	Cloud.				Barom. at M.S.L. (497)	Change in 3 hours. (498)	Wind.		Weather.	Temp. (°F) (508)	Dew Point. (°F) (509)	Visibility. (510)	Cloud.				Barom. at M.S.L. (507)	Change in 3 hours. (508)	Wind.		Weather.	Temp. (°F) (518)	Dew Point. (°F) (519)	Visibility. (520)	Cloud.				Barom. at M.S.L. (517)	Change in 3 hours. (518)	Wind.		Weather.	Temp. (°F) (528)	Dew Point. (°F) (529)	Visibility. (530)	Cloud.				Barom. at M.S.L. (527)	Change in 3 hours. (528)	Wind.		Weather.	Temp. (°F) (538)	Dew Point. (°F) (539)	Visibility. (540)	Cloud.				Barom. at M.S.L. (537)	Change in 3 hours. (538)	Wind.		Weather.	Temp. (°F) (548)	Dew Point. (°F) (549)	Visibility. (550)	Cloud.				Barom. at M.S.L. (547)	Change in 3 hours. (548)	Wind.		Weather.	Temp. (°F) (558)	Dew Point. (°F) (559)	Visibility. (560)	Cloud.				Barom. at M.S.L. (557)	Change in 3 hours. (558)	Wind.		Weather.	Temp. (°F) (568)	Dew Point. (°F) (569)	Visibility. (570)	Cloud.				Barom. at M.S.L. (567)	Change in 3 hours. (568)	Wind.		Weather.	Temp. (°F) (578)	Dew Point. (°F) (579)	Visibility. (580)	Cloud.				Barom. at M.S.L. (577)	Change in 3 hours. (578)	Wind.		Weather.	Temp. (°F) (588)	Dew Point. (°F) (589)	Visibility. (590)	Cloud.				Barom. at M.S.L. (587)	Change in 3 hours. (588)	Wind.		Weather.	Temp. (°F) (598)	Dew Point. (°F) (599)	Visibility. (600)	Cloud.				Barom. at M.S.L. (597)	Change in 3 hours. (598)	Wind.		Weather.	Temp. (°F) (608)	Dew Point. (°F) (609)	Visibility. (610)	Cloud.				Barom. at M.S.L. (607)	Change in 3 hours. (608)	Wind.		Weather.	Temp. (°F) (618)	Dew Point. (°F) (619)	Visibility. (620)	Cloud.				Barom. at M.S.L. (617)	Change in 3 hours. (618)	Wind.		Weather.	Temp. (°F) (628)	Dew Point. (°F) (629)	Visibility. (630)	Cloud.				Barom. at M.S.L. (627)	Change in 3 hours. (628)	Wind.		Weather.	Temp. (°F) (638)	Dew Point. (°F) (639)	Visibility. (640)	Cloud.				Barom. at M.S.L. (637)	Change in 3 hours. (638)	Wind.		Weather.	Temp. (°F) (648)	Dew Point. (°F) (649)	Visibility. (650)	Cloud.				Barom. at M.S.L. (647)	Change in 3 hours. (648)	Wind.		Weather.	Temp. (°F) (658)	Dew Point. (°F) (659)	Visibility. (660)	Cloud.				Barom. at M.S.L. (657)	Change in 3 hours. (658)	Wind.		Weather.	Temp. (°F) (668)	Dew Point. (°F) (669)	Visibility. (670)	Cloud.				Barom. at M.S.L. (667)	Change in 3 hours. (668)	Wind.		Weather.	Temp. (°F) (678)	Dew Point. (°F) (679)	Visibility. (680)	Cloud.				Barom. at M.S.L. (677)	Change in 3 hours. (678)	Wind.		Weather.	Temp. (°F) (688)	Dew Point. (°F) (689)	Visibility. (690)	Cloud.				Barom. at M.S.L. (687)	Change in 3 hours. (688)	Wind.		Weather.	Temp. (°F) (698)	Dew Point. (°F) (699)	Visibility. (700)	Cloud.				Barom. at M.S.L. (697)	Change in 3 hours. (698)	Wind.		Weather.	Temp. (°F) (708)	Dew Point. (°F) (709)	Visibility. (710)	Cloud.				Barom. at M.S.L. (707)	Change in 3 hours. (708)	Wind.		Weather.	Temp. (°F) (718)	Dew Point. (°F) (719)	Visibility. (720)	Cloud.				Barom. at M.S.L. (717)	Change in 3 hours. (718)	Wind.		Weather.	Temp. (°F) (728)	Dew Point. (°F) (729)	Visibility. (730)	Cloud.				Barom. at M.S.L. (727)	Change in 3 hours. (728)	Wind.		Weather.	Temp. (°F) (738)	Dew Point. (°F) (739)	Visibility. (740)	Cloud.				Barom. at M.S.L. (737)	Change in 3 hours. (738)	Wind.		Weather.	Temp. (°F) (748)	Dew Point. (°F) (749)	Visibility. (750)	Cloud.				Barom. at M.S.L. (747)	Change in 3 hours. (748)	Wind.		Weather.	Temp. (°F) (758)	Dew Point. (°F) (759)	Visibility. (760)	Cloud.				Barom. at M.S.L. (757)	Change in 3 hours. (758)	Wind.		Weather.	Temp. (°F) (768)	Dew Point. (°F) (769)	Visibility. (770)	Cloud.				Barom. at M.S.L. (767)	Change in 3 hours. (768)	Wind.		Weather.	Temp. (°F) (778)	Dew Point. (°F) (779)	Visibility. (780)	Cloud.				Barom. at M.S.L. (777)	Change in 3 hours. (778)	Wind.		Weather.	Temp. (°F) (788)	Dew Point. (°F) (789)	Visibility. (790)	Cloud.				Barom. at M.S.L. (787)	Change in 3 hours. (788)	Wind.		Weather.	Temp. (°F) (798)	Dew Point. (°F) (799)	Visibility. (800)	Cloud.				Barom. at M.S.L. (797)	Change in 3 hours. (798)	Wind.		Weather.	Temp. (°F) (808)	Dew Point. (°F) (809)	Visibility. (810)	Cloud.				Barom. at M.S.L. (807)	Change in 3 hours. (808)	Wind.		Weather.	Temp. (°F) (818)	Dew Point. (°F) (819)	Visibility. (820)	Cloud.				Barom. at M.S.L. (817)	Change in 3 hours. (818)	Wind.		Weather.	Temp. (°F) (828)	Dew Point. (°F) (829)	Visibility. (830)	Cloud.				Barom. at M.S.L. (827)	Change in 3 hours. (828)	Wind.		Weather.	Temp. (°F) (838)	Dew Point. (°F) (839)	Visibility. (840)	Cloud.				Barom. at M.S.L. (837)	Change in 3 hours. (838)	Wind.		Weather.	Temp. (°F) (848)	Dew Point. (°F) (849)	Visibility. (850)	Cloud.				Barom. at M.S.L. (847)	Change in 3 hours. (848)	Wind.		Weather.	Temp. (°F) (858)	Dew Point. (°F) (859)	Visibility. (860)	Cloud.				Barom. at M.S.L. (857)	Change in 3 hours. (858)	Wind.		Weather.	Temp. (°F) (868)	Dew Point. (°F) (869)	Visibility. (870)	Cloud.				Barom. at M.S.L. (867)	Change in 3 hours. (868)	Wind.		Weather.	Temp. (°F) (878)	Dew Point. (°F) (879)	Visibility. (880)	Cloud.				Barom. at M.S.L. (877)	Change in 3 hours. (878)	Wind.		Weather.	Temp. (°F) (888)	Dew Point. (°F) (889)	Visibility. (890)	Cloud.				Barom. at M.S.L. (887)	Change in 3 hours. (888)	Wind.		Weather.	Temp. (°F) (898)	Dew Point. (°F) (899)	Visibility. (900)	Cloud.				Barom. at M.S.L. (897)	Change in 3 hours. (898)	Wind.		Weather.	Temp. (°F) (908)	Dew Point. (°F) (909)	Visibility. (910)	Cloud.				Barom. at M.S.L. (907)	Change in 3 hours. (908)	Wind.		Weather.	Temp. (°F) (918)	Dew Point. (°F) (919)	Visibility. (920)	Cloud.				Barom. at M.S.L. (917)	Change in 3 hours. (918)	Wind.		Weather.	Temp. (°F) (928)	Dew Point. (°F) (929)	Visibility. (930)	Cloud.				Barom. at M.S.L. (927)	Change in 3 hours. (928)	Wind.		Weather.	Temp. (°F) (938)	Dew Point. (°F) (939)	Visibility. (940)	Cloud.				Barom. at M.S.L. (937)	Change in 3 hours. (938)	Wind.		Weather.	Temp. (°F) (948)	Dew Point. (°F) (949)	Visibility. (950)	Cloud.				Barom. at M.S.L. (947)	Change in 3 hours. (948)	Wind.		Weather.	Temp. (°F) (958)	Dew Point. (°F) (959)	Visibility. (960)	Cloud.				Barom. at M.S.L. (957)	Change in 3 hours. (958)	Wind.		Weather.	Temp. (°F) (968)	Dew Point. (°F) (969)	Visibility. (970)	Cloud.				Bar
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GENERAL INFERENCE

A deep depression centred near the Faeroes is drifting slowly south and minor troughs of low pressure are moving east across the British Isles in the West to Northwest air stream. There will be showers and bright intervals in all districts, the showers being most frequent in Northern districts where there may be local thundershowers. It will be cool generally.

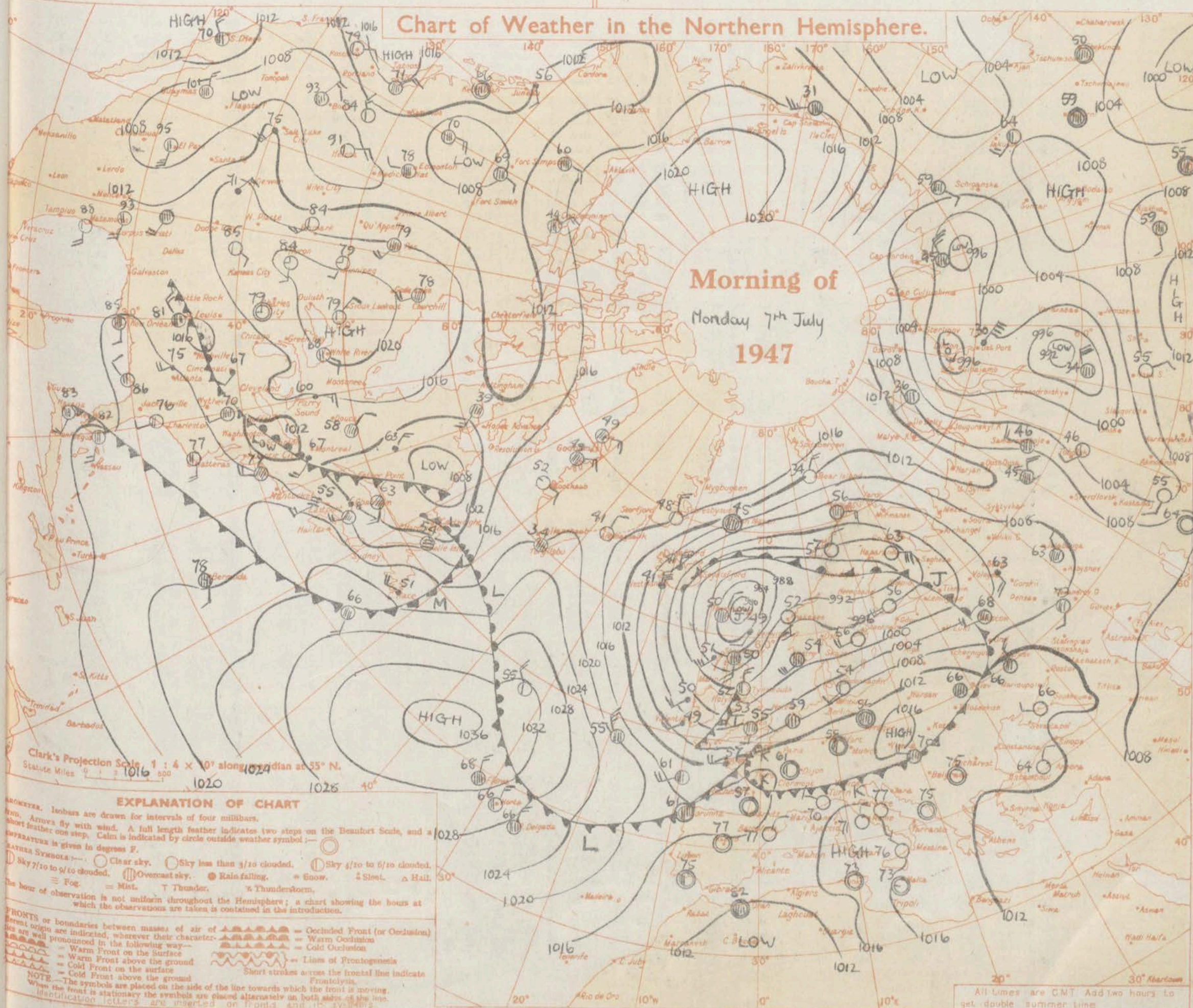
FURTHER OUTLOOK

Similar but showery tendency increasing

★ Gale Warning
Warnings of westerly gales in operation NW of a line Mallaig to Dornoch Firth including Orkneys and Shetlands

Chart of Weather in the Northern Hemisphere.

Morning of
Monday 7th July
1947



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

Monday 7th July 1947

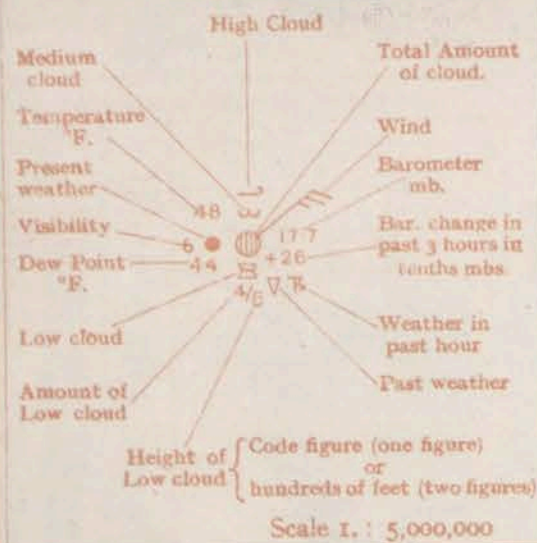
No 31273

OBSERVATIONS at 00hr. G.M.T. 7th July															OBSERVATIONS at 06hr. G.M.T. 7th July															OBSERVATIONS Sunday NIGHT														
District.	Stations.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						State of Ground.	Weather.		Temperature.		Rain.										
					Dir.	Force.				Form.	Amount.		Height of Base Hundreds of feet.		Dir.			Force.	Weather.				Temp.	Dew Point.	Form.	Amount.		Height of Base Hundreds of feet.		rth. ooh.	ooh. ooh.	Min. P.	Min. on Grass.											
											Low.	Med.	High.	Total.												A.	B.	Low.					Med.		High.	Total.	A.	B.	Low.	Med.	High.	Total.	A.	B.
1	Kew	16	08.3	-12	SW	2	57	54	7						03.5	-22	SW	4	58	53	9						0	cpr	C	56	54	0.5												
	Croydon	217	08.3	-18	SW	2	55	51	7						03.6	-20	SSW	4	57	53	7						1	cbr	C	54	52	1.0												
	S. Farnborough	220	08.3	-10	SSW	3	52	50	7						04.2	-22	SW	4	56	55	8						1	C	C	54	52	1.0												
	Boscombe Down	417	08.9	-10	SSW	3	52	50	7						04.2	-20	SW	4	56	55	8						1	C	C	56	55	2.1												
	Calshot	8	08.5	-18	SW	3	57	52	8						04.2	-20	SW	3	58	57	8						1	cbr	C	54	50	2												
	Tangmere	53	09.4	-14	SW	3	54	54	8						05.4	-22	SW	3	57	57	8						1	cbr	C	54	50	2												
	Lymington	341	09.7	-22	SW	2	54	54	7						05.6	-10	SW	4	56	53	8						0	cbr	C	53	50	0.6												
	Manston	140	09.3	-14	SW	4	55	55	8						05.9	-12	SW	4	58	52	7						1	C	C	56	51	1.4												
2	Sheehoryness	11	08.2	-12	SW	4	59	53	7						04.2	-26	SW	3	58	52	8						1	C	C	57	55	1.4												
	Felixstowe	10	08.4	-8	SW	3	60	49	7						03.8	-26	SSW	4	56	48	7						0	C	C	56	50	1.4												
	Gorleston	5	08.4	-8	SW	3	60	49	7						03.8	-26	SSW	4	56	48	7						0	C	C	56	50	1.4												
	Mildenhall	13	07.5	-8	SSW	3	55	48	7						03.3	-18	SSW	4	56	50	7						1	C	C	54	50	1.4												
	West Raynham	250	06.3	-10	SW	3	56	49	8						03.4	-30	SW	4	54	51	7						1	C	C	52	49	3												
	Waddington	335	05.9	-18	SSW	3	56	49	8						03.4	-26	SW	4	52	52	7						1	C	C	51	50	1.4												
	Cranfield	340	07.9	-6	SW	3	55	49	7						03.0	-16	SSW	4	55	52	7						0	C	C	53	51	0.2												
	Honley	427	05.3	-22	SSW	4	53	48	7						01.1	-16	WSW	3	54	53	7						1	C	C	51	49	1												
4	Little Rissington	731	07.2	-22	SSW	3	52	47	7						02.2	-18	WSW	4	53	52	7						0	C	C	51	48	2												
	Defford	58	08.7	-22	SSW	3	55	47	7						01.6	-6	W	4	55	50	8						1	C	C	52	49	3.4												
5	Bristol	209	07.5	-20	SSW	3	55	48	7						03.8	+2	W	4	53	51	8						1	C	C	52	51	3												
	Hardland Point	200	05.4	-28	NNE	5	55	54	6						04.4	+10	WNW	4	54	48	8						1	C	C	53	49	3												
	Yeovilton	50	07.5	-28	NNE	5	55	54	6						03.9	-4	WNW	4	55	53	7						1	C	C	46	37	1												
	Portland Bill	32	08.8	-16	WSW	4	58	54	7						06.3	+6	WSW	4	57	58	6						1	C	C	55	53	0.2												
	Exeter	100	07.2	-30	SW	3	56	50	8						03.3	+6	W	4	54	49	7						0	C	C	54	52	1.4												
	Plymouth	86	08.1	-26	SW	3	57	50	8						06.2	+8	WNW	4	54	49	7						0	C	C	54	52	1.4												
	St. Eval	345	08.4	-28	SW	4	55	55	7						06.7	+4	W	5	54	48	8						0	C	C	52	48	1												
	Lizard	449	09.2	-26	W	5	56	56	7						07.5	+4	W	4	58	54	8						0	C	C	56	55	1												
	Guernsey	340	10.4	-18	SSW	4	56	55	8						07.2	-10	SW	4	56	56	7						1	C	C	55	55	2												
	Scilly, St. Marys	193	07.3	-26	W	5	57	55	8						07.2	+6	WNW	6	53	44	8						0	C	C	52	46	0.6												
	Fairwood	208	05.3	-28	SW	4	54	53	6						03.6	+1	W	3	52	47	8						1	C	C	50	46	5												
	Pembroke	142	04.5	0	SW	4	55	55	6						03.1	0	W	4	53	47	8						1	C	C	52	48	5												
	Aberporth	485	02.9	-34	SSW	3	58	58	6						02.6	+2	W	4	50	46	8						1	C	C	48	45	5												
7	Holyhead (Valley)	32	00.9	-18	SSW	4	53	53	6						00.1	-2	WSW	3	51	46	8						0	C	C	49	46	0.2												
	Hawarden	15	02.9	-10	S	4	54	50	7						01.2	+6	WSW	2	52	47	8						0	C	C	50	46	0.5												
	Manchester	230	04.2	-20	S	4	53	48	7						00.2	-4	SW	4	50	48	7						0	C	C	49	48	4												
	Squires Gate	33	09.4	-22	WSW	3	52	49	7						03.3	-8	W	3	52	46	8						1	C	C	50	48	9												
	Carlisle	100	09.4	-22	WSW	3	52	49	7						06.4	0	SW	3	50	48	8						1	C	C	49	47	7												
9	Finningley	28	03.8	-18	SSW	2	55	49	7						00.2	-20	SSW	3	52	51	6						1	C	C	52	47	3												
10	Spurn Head	29	05.3	-12	SSW	3	57	48	7						00.3	-36	SSW	6	55	49	7						1	C	C	52	47	1												
	Leeming	105	02.4	-20	SE	2	52	49	7						07.6	-12	SSW	3	51	50	7						1	C	C	50	49	4												
	Tynemouth	108	01.5	-8	SW	3	52	48	8						05.9	-24	SW	3	51	49	5						1	C	C	46	46	2												
	Ackington	138	01.8	-6	SW	0	49	47	7						06.6	-26	S	4	49	47	5						1	C	C	48	47	5												
	St. Abb's Head	280	06.6	-6	SW	1	47	45	8						04.12																													

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday 8th July 1947
No. 31274.

STATION MODEL



6h

Tuesday 8th July,

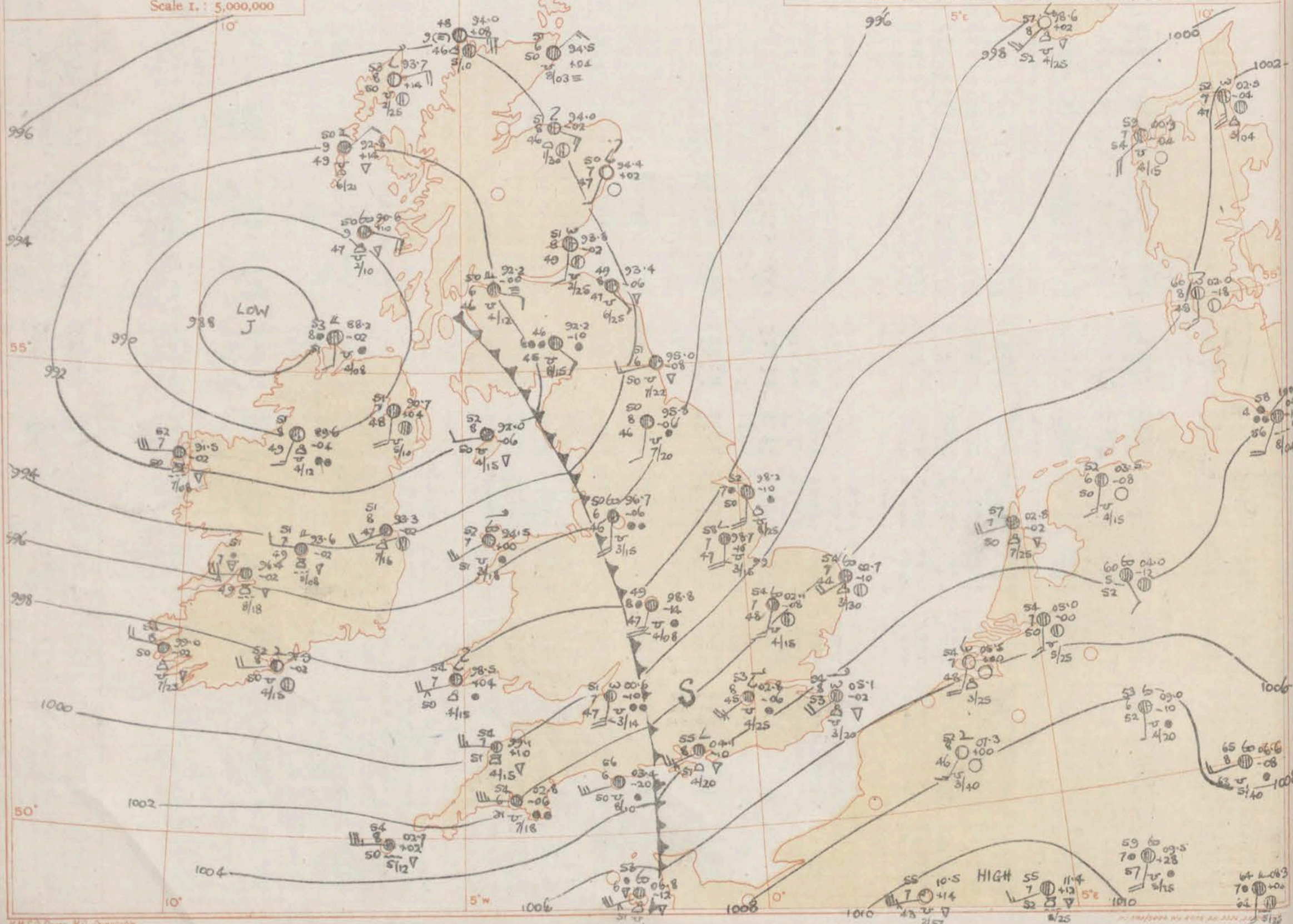
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sun- shine to set hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		15h %	9h %
Kew ...	crbty	bay	cycis	67	54	47	-	Tr	8.1	*	*
Croydon ...	deaprbty	beypr.	bcir.	67	50	46	-	Tr	10.1	45	85
Greenwich ...	bey	beyr	bcbuc	70	50	43	-	Tr	8.4	40	59
Westminster	.	.	.	67	54	50	-	-	.	50	75
Regents Park	.	.	.	67	52	49	-	-	.	37	72
Camden Square	bc	bc	.	68	52	49	-	-	.	.	71
Kensington ...	cbc	bc	.	69	52	46	-	Tr	.	61	29
Hampstead ...	bc	bc	bcp	61	50	49	-	Tr	.	.	71

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 6.1 Time whole of period.



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GENERAL INFERENCE

A depression centred off North Ireland is expected to move slowly southeast to east. There will be cool showery conditions in all areas. Showers will be heavy and prolonged at times with a risk of local hail or thunder.

FURTHER OUTLOOK

Continuing cool and unsettled with occasional rain or showers.

Gale warning in operation at 1100.

Coasts of northern Ireland from Belfast to Howth.

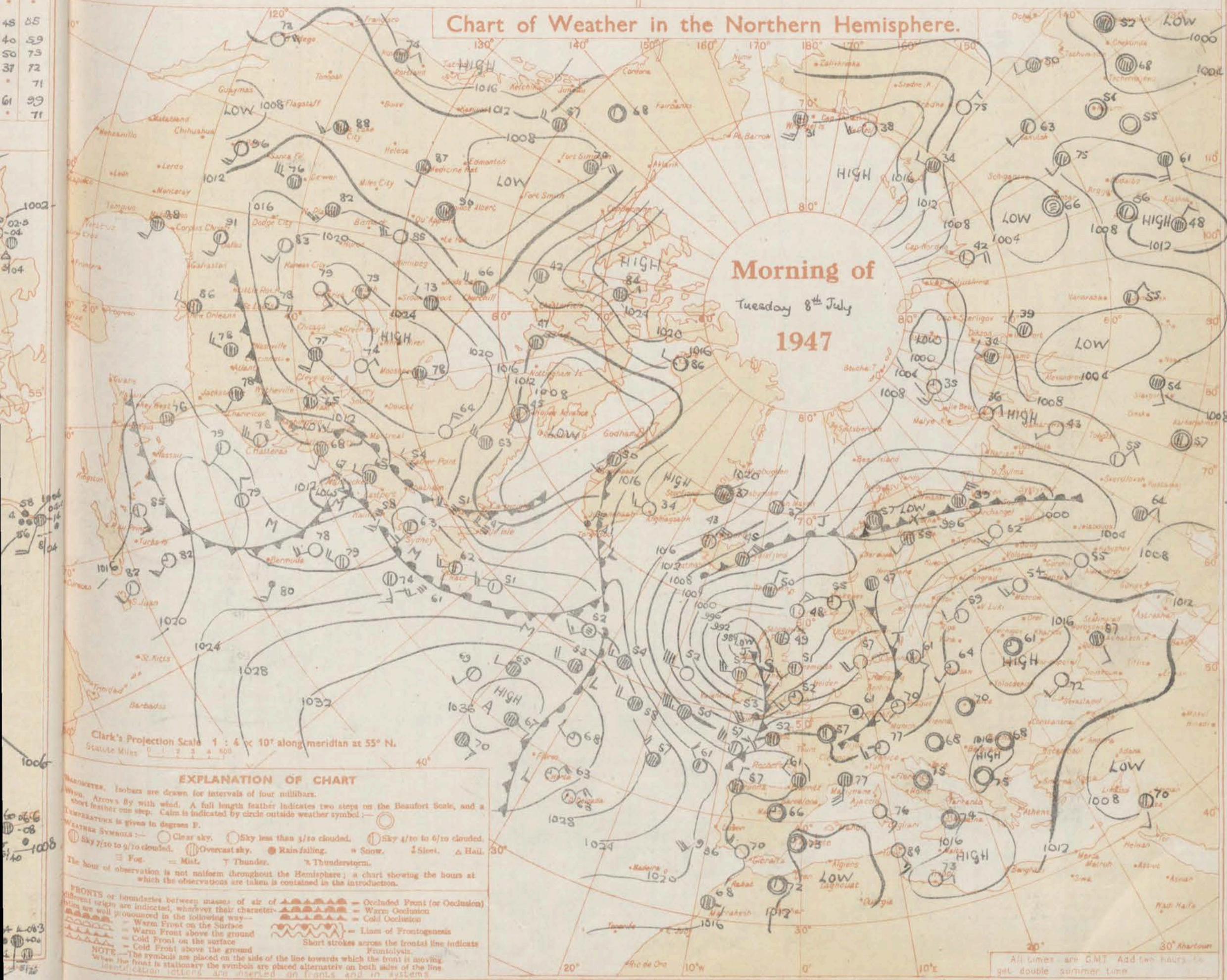
West coast of Great Britain from Port Patrick to Weymouth.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 8th July

1947



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

Wednesday 3rd July 1947
No. 31275

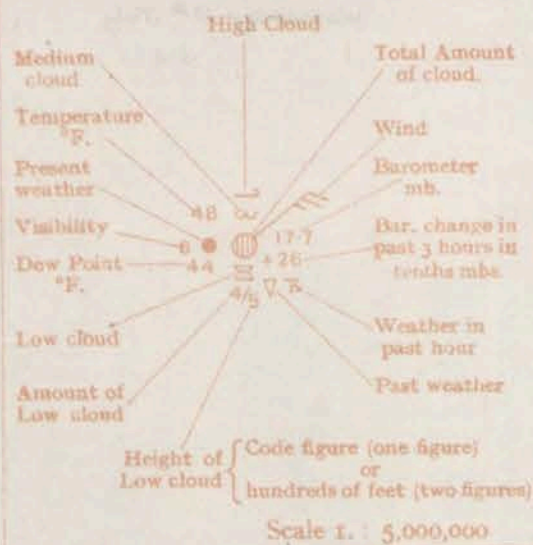
OBSERVATIONS during DAY (8-2)

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

* Information not usually received.

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

STATION MODEL



6h

Wednesday 3rd July

1947

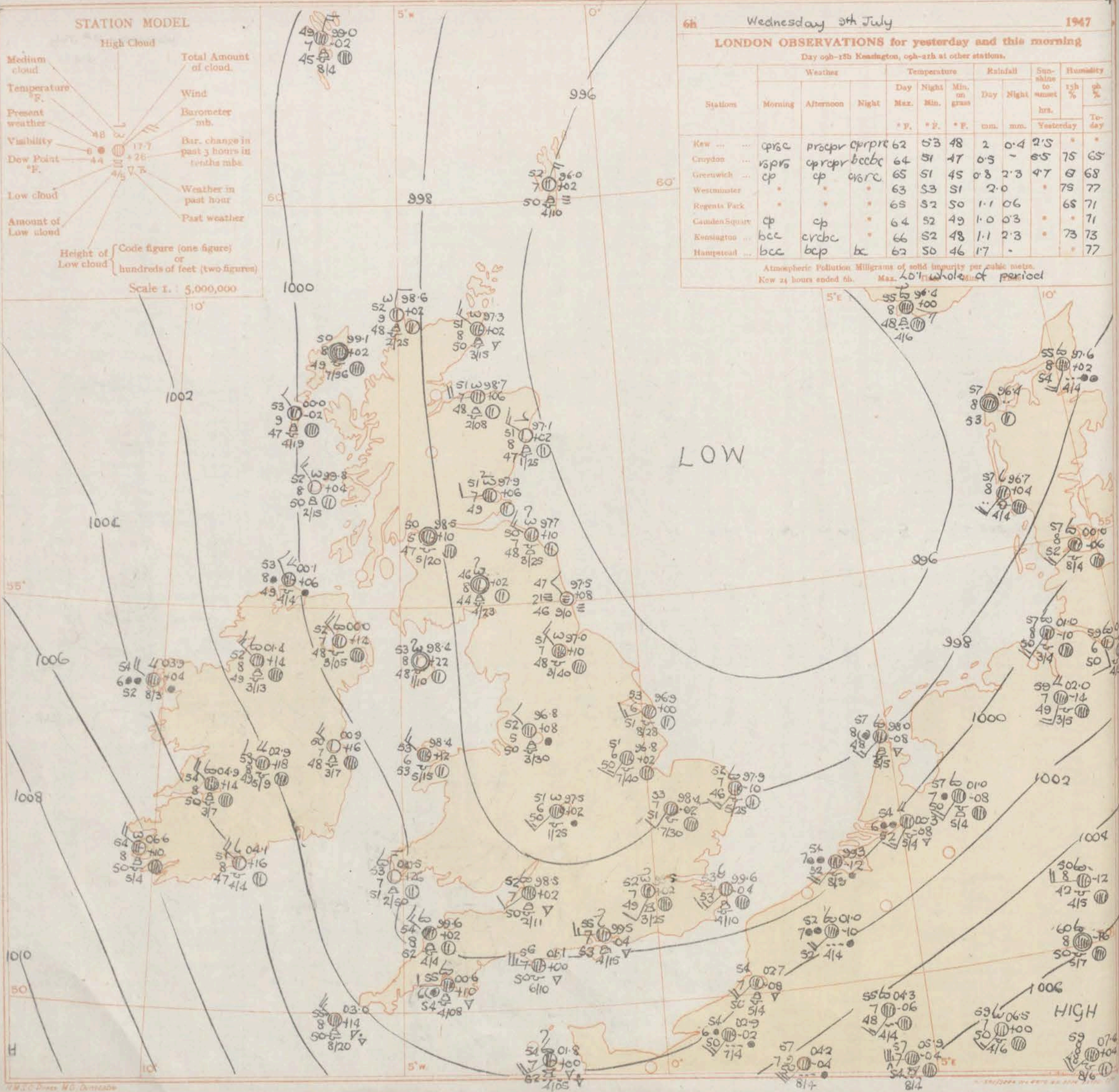
LONDON OBSERVATIONS for yesterday and this morning

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

Station	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	To-day %
Kew ...	cp rsc	pr cpr	cp rpr	62	53	48	2	0.4	2.5	75	65
Croydon ...	cp rsc	pr cpr	cp rpr	64	51	47	0.5	-	6.5	75	65
Greenwich ...	cp	cp	cp	65	51	45	0.8	2.3	4.7	75	68
Westminster ...	*	*	*	63	53	51	2.0	-	-	75	77
Regents Park ...	*	*	*	65	52	50	1.1	0.6	-	68	71
Camden Square ...	cp	cp	*	64	52	49	1.0	0.3	-	71	71
Kensington ...	bcc	cr cbc	*	66	52	48	1.1	2.3	-	73	73
Hampstead ...	bcc	bcp	bc	62	50	46	1.7	-	-	77	77

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 20.1 whole of period.



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To-day

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GENERAL INFERENCE

A trough of low pressure over Midlands and South of England is moving southeast, and a north to northwest air stream will soon cover the British Isles. There will be showers and bright periods in most districts and local thunderstorms are likely in E and SE England and Midlands. Occasional rain may spread to western districts later. It will be cool or rather cool.

FURTHER OUTLOOK

Unsettled weather with showers or occasional rain in most districts. Cool or rather cool.

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 9th July
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 3/10 to 6/10 clouded, Sky 7/10 to 9/10 clouded, Overcast sky, Rain falling, Snow, Sleet, Hail, Fog, Mist, Thunderstorm.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

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

All times are GMT. Add two hours to get double summer time.

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

Wednesday 9th July 1947

No. 2175

OBSERVATIONS at 00hr. G.M.T. 9th July

OBSERVATIONS at 06hr. G.M.T. 9th July

OBSERVATIONS during NIGHT

District.	STATIONS.	OBSERVATIONS at 00hr. G.M.T. 9th July										OBSERVATIONS at 06hr. G.M.T. 9th July										OBSERVATIONS during NIGHT																										
		Wind.					Cloud.					Wind.					Cloud.					Weather.																										
		Barom.		Change in 3 hours.	Temp.	Dew Point	Visib.	Form.		Amount.		Height of Base Hundreds of feet.	Barom.		Change in 3 hours.	Temp.	Dew Point	Visib.	Form.		Amount.		Height of Base Hundreds of feet.	State of Ground.	18h.-00h. (39)	00h.-06h. (40)	Min. °F. (45)	Min. on Green °F. (46)	Rain (47)																			
		at M.S.L.	at M.S.L.					Low.	Med.	High.	0-9		10-9	0-9					10-9	0-9	10-9	0-9								10-9																		
at M.S.L.	at M.S.L.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)
1	Kew	217	99.7	-8	SSW	54	50	6	5	2	5	98.5	0	2	SSW	54	50	6	5	2	5	0	oprc	bcc	53	48	0.4																					
	Croydon	226	99.6	-10	SSW	53	51	6	4	4	2	98.4	12	2	SSW	53	51	6	4	4	2	0	bcc	bcc	51	47	1																					
	S. Farnborough	226	99.6	-10	SSW	53	51	6	4	4	2	98.4	12	2	SSW	53	51	6	4	4	2	0	bcc	bcc	51	47	1																					
	Boscombe Down	427	99.4	-2	SSW	51	50	7	4	4	2	99.2	0	2	SSW	51	50	7	4	4	2	0	bcc	bcc	46	44	2																					
	Calshot	8	91.2	-6	SSW	55	49	8	8	1	1	99.5	-6	2	SSW	55	49	8	8	1	1	0	bcc	bcc	52	50	0.1																					
2	Tangmere	53	91.2	-6	NW	55	53	6	5	1	1	99.5	-4	2	NW	55	53	6	5	1	1	0	bcc	bcc	52	49	0.6																					
	Lymington	341	91.5	-10	SSW	53	51	8	2	1	1	99.4	-2	2	SSW	53	51	8	2	1	1	0	bcc	bcc	50	49	4																					
	Manston	140	91.5	-8	SSW	55	55	7	5	7	1	99.6	-4	2	SSW	55	55	7	5	7	1	0	bcc	bcc	52	50	0.1																					
	Shanbury	11	99.8	-6	SSW	56	51	7	8	7	1	99.4	-2	2	SSW	56	51	7	8	7	1	0	bcc	bcc	53	46	1																					
	Felixstowe	10	99.8	-6	SSW	56	51	7	8	7	1	99.4	-2	2	SSW	56	51	7	8	7	1	0	bcc	bcc	53	46	1																					
3	Gorleston	5	99.7	-2	SSW	53	45	8	2	3	1	97.9	-10	2	SSW	53	45	8	2	3	1	0	bcc	bcc	50	47	1																					
	Mildenhall	15	99.6	-2	SSW	52	49	7	5	4	1	98.4	-2	2	SSW	52	49	7	5	4	1	0	bcc	bcc	51	47	1																					
	West Raynham	450	98.5	-2	SSW	50	49	7	4	1	1	98.3	0	2	SSW	50	49	7	4	1	1	0	bcc	bcc	50	47	1																					
	Waddington	335	97.0	-2	SSW	51	49	7	4	1	1	96.7	+2	2	SSW	51	49	7	4	1	1	0	bcc	bcc	50	47	1																					
	Cranfield	340	98.3	-6	SSW	50	49	7	3	2	1	97.6	+2	2	SSW	50	49	7	3	2	1	0	bcc	bcc	50	47	1																					
4	Honiley	427	97.6	-2	S	51	49	7	5	7	2	97.5	+2	2	S	51	49	7	5	7	2	0	bcc	bcc	49	48	1																					
	Little Risington	731	98.1	-6	SSW	49	48	7	9	1	1	98.5	+2	2	SSW	49	48	7	9	1	1	0	bcc	bcc	49	48	1																					
	Defford	55	99.8	-2	SSW	62	49	6	6	3	1	97.9	+4	2	SSW	62	49	6	6	3	1	0	bcc	bcc	49	48	1																					
	Bristol	209	99.0	-4	SSW	52	50	7	8	1	1	98.5	+2	2	SSW	52	50	7	8	1	1	0	bcc	bcc	49	48	1																					
	Hardland Point	190	97.9	0	W	55	52	8	8	1	1	99.6	+2	2	W	55	52	8	8	1	1	0	bcc	bcc	52	52	1																					
5	Yeovilton	30	97.9	0	W	55	52	8	8	1	1	99.6	+2	2	W	55	52	8	8	1	1	0	bcc	bcc	49	48	1																					
	Portland Bill	32	91.6	+2	W	56	52	7	5	1	1	91.1	0	2	W	56	52	7	5	1	1	0	bcc	bcc	55	49	1																					
	Exeter	100	90.0	-2	SSW	52	51	6	5	7	1	90.6	+10	2	SSW	52	51	6	5	7	1	0	bcc	bcc	51	50	1																					
	Plymouth	86	90.9	-2	W	53	50	7	8	1	1	91.4	+10	2	W	53	50	7	8	1	1	0	bcc	bcc	51	50	1																					
	St. Eval	345	90.5	-2	W	53	51	7	3	1	1	91.4	+10	2	W	53	51	7	3	1	1	0	bcc	bcc	51	50	1																					
6	Lizard	249	91.0	-8	W	53	51	7	3	1	1	91.8	+10	2	W	53	51	7	3	1	1	0	bcc	bcc	51	50	1																					
	Guernsey	349	92.8	-14	SSW	53	51	7	8	1	1	91.8	0	2	SSW	53	51	7	8	1	1	0	bcc	bcc	51	50	1																					
	Scilly, St. Marys	163	91.4	-2	W	54	50	8	8	1	1	92.0	+14	2	W	54	50	8	8	1	1	0	bcc	bcc	52	49	1																					
	Fairwood	208	97.8	+2	W	52	50	7	2	1	1	98.1	+18	2	W	52	50	7	2	1	1	0	bcc	bcc	49	47	1																					
	Pembroke	142	97.7	0	W	52	50	7	2	1	1	98.1	+18	2	W	52	50	7	2	1	1	0	bcc	bcc	49	47	1																					
7	Aberporth	485	97.7	0	W	52	51	8	5	3	1	98.4	+22	2	W	52	51	8	5	3	1	0	bcc	bcc	51	49	1																					
	Holyhead (Valley)	32	96.1	+2	W	50	49	7	5	4	1	96.4	+12	2	W	50	49	7	5	4	1	0	bcc	bcc	49	48	1																					
	Hawarden	15	96.9	+2	SSW	52	49	8	5	1	1	97.8	+6	2	SSW	52	49	8	5	1	1	0	bcc	bcc	47	47	1																					
	Manchester	210	95.9	+2	SSW	53	49	8	5	1	1	96.8	+8	2	SSW	53	49	8	5	1	1	0	bcc	bcc	50	47	1																					
	Squires Gate	33	95.9	+2	SSW	53	49	8	5	1	1	96.8	+8	2	SSW	53	49	8	5	1	1	0	bcc	bcc	50	47	1																					
8	Carlisle	100	95.5	+4	W	50	49	6	5	7	1	97.8	+16	2	W	50	49	6	5	7	1	0	bcc	bcc	44	36	1																					
	Finnigley	18	96.2	-2	SSW	51	50	6	5	1	1	96.7	+6	2	SSW	51	50	6	5	1	1	0	bcc	bcc	50	47	1																					
	Spurn Head	29	96.0	+2	SSW	52	50	8	4	1	1	97.0	+10	2	SSW	52	50	8	4	1	1	0	bcc	bcc	49	48	1																					
	Leeming	105	96.0	+2	SSW	52	50	8	4	1	1	97.0	+10	2	SSW	52	50	8	4	1	1	0	bcc	bcc	49	48	1																					
	Tynemouth	108	95.9	+2	NW	52	49	6	8	1	1	97.5	+8	2	NW	52	49	6	8	1	1	0	bcc	bcc	47	44	1																					
9	Ackington	138	96.0	+6	NW	45	45	6	5	1	1	97.2	+10	2	NW	45	45	6	5	1	1	0	bcc	bcc	44	40	1																					
	St. Abb's Head	280	96.3	+4	W	49	49	6	3	1	1	97.7	+10	2	W	49	49	6	3	1	1	0	bcc	bcc	43	35	1																					
	Leuchars	31	93.8	+6	W	48	45	6	3	1	1	97.9	+6	2	W	48	45	6	3	1	1	0	bcc	bcc	43	35	1																					
	Bell Rock	—	95.0	+4	NW	53	49	8	2	3	1	97.8	+6	2	NW	53	49	8	2	3	1	0	bcc	bcc	46	42	1																					
	Renfrew	35	97.0	+4	W	50</																																										

July 1947
NIGHT
Temperature
Min. on
F. (42)
Max. on
F. (42)
Min. on
C. (5)
Max. on
C. (5)
Wind
Force
Direction
Rain
Depth
0 = Nil
1 = Trace
2 = 1/16
3 = 1/8
4 = 1/4
5 = 1/2
6 = 3/4
7 = More than 3/4 but with openings
8 = Completely covered.
9 = Sky obscured by fog, etc.

Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 10th July 1947

No. 31276

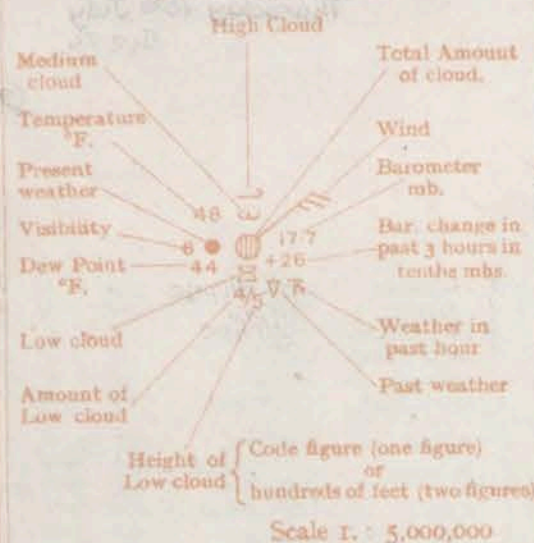
OBSERVATIONS at 12h. G.M.T. 9th July

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

OBSERVATIONS during DAY (grm)

Distance.	STATIONS.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (6)	Dew Point (7)	Visibility (8)	Cloud.				Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (22)	Dew Point (23)	Visibility (24)	Cloud.				Weather.	Max. Temp. 24h. F. (30)	Sun. shine Hrs. (37)	Rain 24h. in. (38)											
				Dir.	Force.				Form.	Amount.	Dir.	Force.			Form.	Amount.																						
																				Low.	Med.	High.	Total.					Low.	Med.	High.	Total.							
																																A.	B.	A.	B.	A.	B.	A.	B.
(For heights see p. 4.)	mb. (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
1	Kew	99.7	+10	SWW	2	58	51	8	1	5	3	4	21	40	02.2	+10	W	3	Cbc	60	48	8	8	1	5	5	2	25	-	1	csprbc	cpRthprc	62	4.3	7			
	Croydon	99.5	+6	WSW	3	61	49	7	2	6	9	3	20	-	02.5	+14	W	3	bc	58	48	7	2	6	3	4	3	4	20	-	1	csprbc	cpRthprc	64	7.3	1		
	S. Farnborough	99.9	+10	WS	2	58	49	8	1	5	3	4	15	25	03.0	+14	W	3	bc	60	49	8	8	1	5	5	2	25	-	2	bc, cbc, Hrc	CHrbc	64	7.3	10			
	Boscombe Down	00.6	+8	WNW	4	59	51	7	1	5	3	4	18	25	03.4	+10	WN	5	b-bc	60	51	8	8	1	5	5	2	25	-	1	bcprbc	CHrbc	63	7.3	2			
	Calshot	01.0	-18	WSW	4	58	52	7	9	6	1	5	10	25	04.0	+12	W	3	Cbcpr	57	53	7	8	1	5	5	2	25	-	1	bcprbc	CHrbc	65	6.0	4			
	Tangmere	00.1	+10	WNW	3	59	56	8	2	5	4	2	20	-	03.3	+18	WNW	2	Cbcpr	59	52	8	3	6	-	5	3	4	25	-	1	bcprbc	CHrbc	68	2.3	3		
	Lymington	99.2	+2	SSW	3	60	51	8	2	8	5	3	20	-	01.7	+14	W	2	bc	59	51	8	2	6	2	4	3	25	-	1	prbc	CHrbc	63	6.3	7			
	Manston	99.9	+6	WS	3	60	55	8	2	6	4	4	20	-	01.8	+14	WNW	1	Cbc	57	55	8	2	6	-	5	4	4	20	-	1	bcprbc	CHrbc	63	4.3	10		
	Shoeburyness	99.6	+2	WNW	2	63	49	7	1	7	4	4	15	25	01.6	+16	SW	1	C	61	53	7	8	1	-	6	4	3	15	25	0	CHrbc	CHrbc	68	4.3	0.3		
	Felixstowe	98.7	0	SW	2	61	52	7	8	6	5	3	30	-	01.0	+14	-	0	Cbc	59	52	8	1	6	-	5	3	30	-	1	prbc	CHrbc	64	4.0	1			
	Corlestone	98.3	+2	W	2	58	50	7	8	6	5	3	25	-	99.6	+6	WNW	2	Cbc	60	48	7	3	7	2	5	4	3	25	-	1	bcprbc	CHrbc	61	3.5	6		
	Mildenhall	98.9	+14	WNW	2	56	50	6	8	7	5	7	18	40	01.4	+14	WNW	2	C	58	53	7	8	1	-	7	3	5	18	40	1	prmo	CHrbc	62	1.3	1		
	West Raynham	98.3	+4	W	2	57	51	7	6	6	4	4	25	40	00.4	+10	WNW	3	Cbc	57	51	7	7	1	-	7	3	4	25	-	1	prmo	CHrbc	61	4.4	1		
	Waddington	98.3	+8	NW	2	56	51	6	6	6	7	7	20	-	00.7	+12	NW	1	pr	54	50	6	6	3	-	8	3	6	20	-	1	prmo	CHrbc	63	3.4	8		
	Cranfield	98.8	+12	WNW	3	59	51	7	8	7	5	7	20	57	01.8	+18	WNW	1	pr	55	48	6	9	6	3	6	3	4	15	15	1	prmo	CHrbc	63	3.5	1		
	Honiley	99.1	+12	NW	3	57	50	6	9	6	1	5	10	15	01.7	+16	WNW	4	pr	54	50	6	9	6	3	7	3	7	30	40	1	prmo	CHrbc	63	3.9	14		
4	Little Rissington	99.9	+8	NW	3	58	49	8	9	6	3	4	16	15	02.8	+16	WNW	3	Cbc	56	44	8	8	6	3	5	2	5	10	25	1	prmo	CHrbc	61	6.3	3		
5	Defford	99.7	+6	NNE	3	61	49	8	9	6	3	4	25	-	02.9	+18	WNW	4	pr	61	47	8	2	6	1	4	3	1	35	-	0	prmo	CHrbc	63	6.3	1		
	Bristol	01.3	+8	SW	1	55	51	8	1	7	3	6	15	25	03.9	+16	WNW	5	bc	60	47	8	2	6	-	4	2	4	15	25	1	prmo	CHrbc	65	6.0	4		
	Hartland Point	04.0	+22	NW	3	56	52	8	8	5	1	5	1	-	05.7	+4	WNW	3	C	57	53	8	8	3	-	6	4	4	-	-	0	prmo	CHrbc	58	6.6	-		
	Yeovilton	01.3	+4	WNW	4	60	52	7	8	4	2	4	13	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Portland Bill	01.6	+8	WN	4	61	54	7	2	5	5	-	10	-	04.4	+12	WNW	5	bc	60	52	7	2	-	-	4	4	-	20	-	1	C	bc	62	-	-		
	Exeter	03.2	+22	NW	3	61	50	8	8	5	3	5	8	13	06.0	+34	WNW	4	Cbc	60	47	9	2	6	-	5	4	3	25	-	1	Cprbc	bc	64	9.9	0.3		
	Plymouth	04.9	+20	WNW	4	60	51	7	2	4	4	4	20	-	07.4	+10	WNW	4	C	59	51	8	8	1	-	7	4	7	20	40	1	Cprbc	bc	64	9.9	0.1		
	St. Eval	06.2	+16	NW	5	59	53	7	2	4	4	4	20	-	08.1	+4	WNW	5	C	56	53	6	5	7	-	8	4	7	12	-	1	Cprbc	bc	60	9.4	0.1		
	Lizard	06.4	+18	NW	5	58	52	7	2	4	4	4	20	-	08.7	+10	WNW	5	bc	58	52	7	7	4	-	4	4	1	25	-	0	prbc	bc	61	11.1	TR		
	Guernsey	04.3	+22	WNW	6	59	53	8	2	6	1	4	3	8	07.6	+10	WN	6	C	58	52	8	7	4	-	1	2	15	-	0	Prob. C	bc	60	10.1	-			
6	Scilly, St. Marys	09.4	+18	NW	5	62	53	7	8	4	3	3	20	57	09.1	+4	WNW	5	Cbcpr	56	53	8	8	4	6	5	3	2	20	57	1	bc	bc	62	11.3	-		
	Fairwood	03.2	+22	NW	5	62	51	7	2	4	3	3	15	-	04.9	+8	WNW	5	Cbcpr	56	53	7	8	4	6	5	3	2	20	57	1	bc	bc	63	5.2	1		
	Pembroke	03.7	+14	N	3	57	53	8	1	6	3	4	35	-	08.2	-8	WNW	5	Cbc	56	52	7	8	4	6	5	3	2	25	57	0	bc	bc	60	5.7	-		
	Aberporth	03.5	+22	NW	3	54	50	8	7	1	6	2	6	5	40	04.1	+2	W	3	C	55	51	8	5	7	-	8	3	15	40	1	C	C	59	2.3	0.3		
7	Holyhead (Valley)	01.7	+14	WNW	4	60	51	8	2	8	3	2	25	-																								

STATION MODEL



6th Thursday 10th July

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 mm.	Night mm.		15h %	To-day %
Kew	csprbc	cpRthp	ccir	62	54	49	7	0.5	43	80	85
Croydon	ccprbc	Hrprbc	bccm	64	53	49	1.3	0.2	7.5	80	85
Greenwich	cpo	CRtlp	ccir	68	52	44	0.3	0.3	6.1	81	85
Westminster	.	.	.	65	54	50	4.3	.	.	85	97
Regents Park	.	.	.	65	53	50	1.4	0.9	.	71	84
Curzon Square	c	chl	.	67	52	49	5.1	1.0	.	.	85
Kensington	Hrbc	bccrbc	.	66	53	47	6.0	0.2	.	69	91
Hampstead	bccrhl	bccr	or	63	51	46	4.2	0.8	.	.	90

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h.

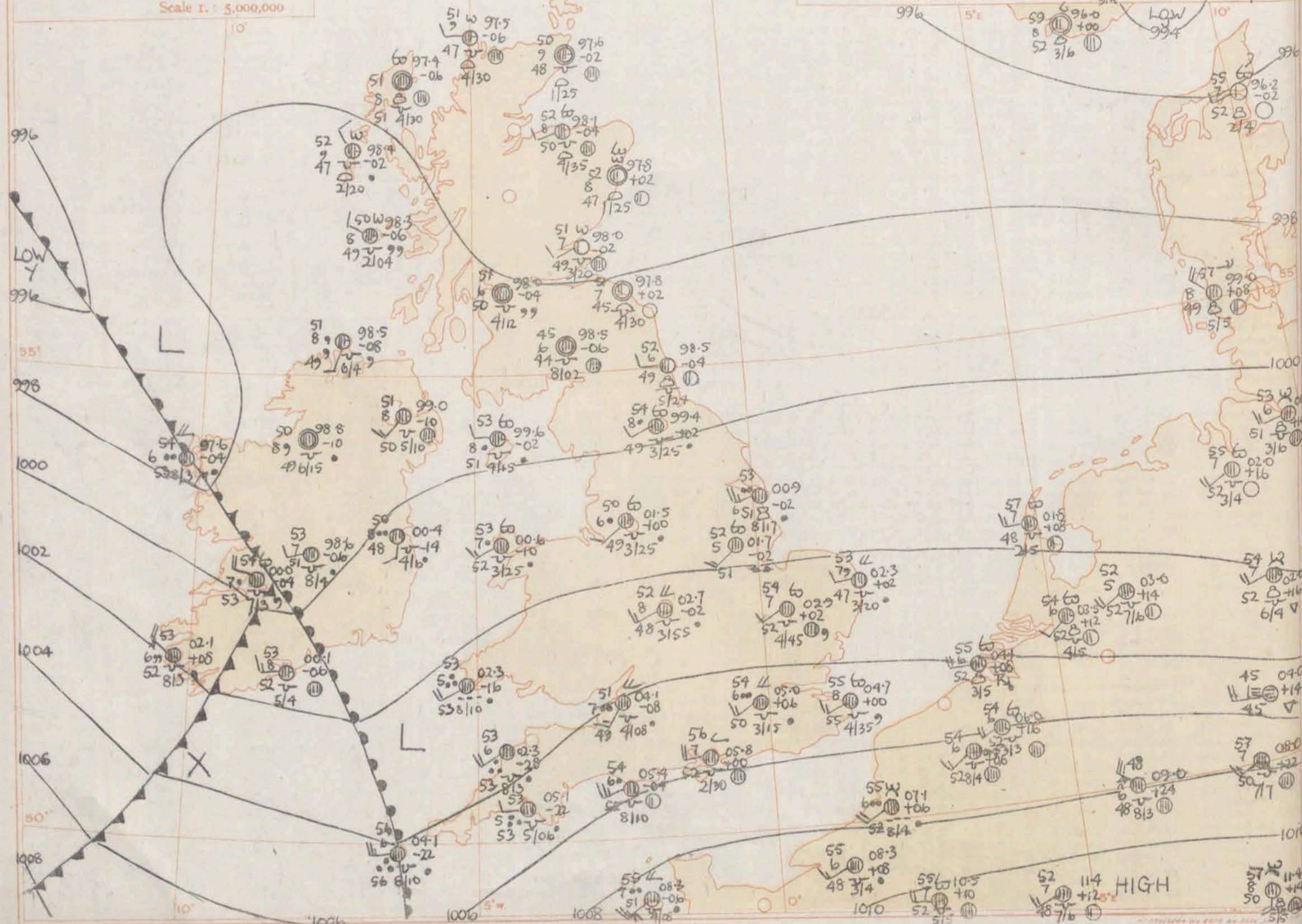
Max. 0.1

Time 3h

Min. 0.1

Time 20h

Rest of Period

another south
Tomorrow by
occasional rain
in Northern I.

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h.

Max. 0.1

Time 3h

Min. 0.1

Time 20h

Rest of Period

Kew 24 hours ended 6h.

Max. 0.1

Time 3h

Min. 0.1

Time 20h

Rest of Period

Kew 24 hours ended 6h.

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Rest of Period

Kew 24 hours ended 6h.

Max. 0.1

Time 3h

Min. 0.1

Time 20h

Rest of Period

Kew 24 hours ended 6h.

Max. 0.1

Time 3h

Min. 0.1

Time 20h

GENERAL INFERENCE

A depression off Northwest Ireland is moving slowly east-south-east and another south of Greenland will deepen and move eastwards. A broad rain belt moving east across England and Wales today will be followed tomorrow by showery weather with fair periods. In Scotland weather will be mainly cloudy with occasional rain or showers in some districts. There will be fair periods and some rain or showers in Northern Ireland. Cool generally.

FURTHER OUTLOOK

Unsettled and cool. Showery conditions at first. More general rain probable later.

Chart of Weather in the Northern Hemisphere.

Morning of
Thursday 10th July.
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. ⚡ Hall. ☁ Fog. ☁ Mist. ⚡ Thunder. ⚡ Thunderstorm.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.
FRONTS 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 Progenitor
Short strokes across the frontal line indicate Progenitor.
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.

Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 100 200 300 400 500

All times are GMT. Add two hours to get double summer time.

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

Thursday 19th July 1947

No 21276

OBSERVATIONS at 00hr. G.M.T. 10 th July																	OBSERVATIONS at 06hr. G.M.T. 10 th July																	OBSERVATIONS Wednesday Night			
District.	Stations.	Height above M.S.L. in feet.	Baromet. at M.S.L. (1)	Change in 1 hour. (2)	Wind.		Temp. (3)	Dew Point (4)	Visib. (5)	Cloud.				Baromet. at M.S.L. (17)	Change in 1 hour. (18)	Wind.		Temp. (21)	Dew Point (22)	Visib. (23)	Cloud.				State of Ground. (33)	Weather.		Temperatures (34-36)			Rain.						
					Dir.	Force.				Low.	Med.	High.	Total.			A.	B.				Low.	Med.	High.	Total.		A.	B.	Tsh.-oon. (37)	oon.-ash. (38)	Min. (39)		Min. on Grass (40)	Max. (41)				
																																		Form.	Amount.	Height of Base Hundreds of feet.	Form.
1	Kew	16	04.6	+2	SW	2	54	50	4	bc	100	45	04.5	+2	WSW	3	54	50	4	bc	100	45	c	54	49	0.5											
	Grove	227	04.6	+2	SW	2	53	50	4	bc	100	45	04.8	+2	WSW	3	53	50	4	bc	100	45	c	53	49	0.2											
	S. Farnborough	236	05.2	+2	WSW	3	52	51	7	bc	100	45	05.5	-2	WSW	3	52	51	7	bc	100	45	c	52	49	0.2											
	Boscombe Down	477	05.5	+2	WSW	3	51	50	7	bc	100	45	06.2	0	WSW	3	51	50	7	bc	100	45	c	51	49	0.2											
	Calshot	8	06.5	+2	WSW	3	56	43	8	bc	100	45	06.2	0	WSW	3	55	43	7	bc	100	45	c	55	46	0.1											
	Tangmere	53	05.9	+2	W	3	55	52	7	bc	100	45	05.3	0	W	4	56	52	7	bc	100	45	c	56	46	0.1											
	Lymington	341	04.6	+6	W	3	53	48	6	bc	100	45	04.7	+6	WSW	3	53	51	7	bc	100	45	c	53	49	0.5											
	Manston	140	03.6	0	W	2	52	52	8	bc	100	45	04.5	0	WSW	3	53	53	8	bc	100	45	c	53	49	0.5											
2	Shannon	11	03.4	+10	W	2	53	49	6	bc	100	45	03.7	+2	WSW	3	53	50	6	bc	100	45	c	53	49	0.5											
	Felixstowe	10	03.4	+10	W	2	53	49	6	bc	100	45	03.7	+2	WSW	3	53	50	6	bc	100	45	c	53	49	0.5											
	Corlestone	5	02.6	+10	WNW	2	53	46	6	bc	100	45	02.3	+2	W	2	53	47	7	bc	100	45	c	53	49	0.5											
	Mildenhall	15	02.8	+2	WSW	2	50	49	6	bc	100	45	02.9	+2	WSW	2	50	52	7	bc	100	45	c	50	49	0.1											
	West Raynham	260	01.8	+4	WSW	3	51	50	6	bc	100	45	01.7	0	WSW	3	52	51	6	bc	100	45	c	52	49	0.1											
	Waddington	335	02.3	+10	SW	2	50	46	6	bc	100	45	01.7	-2	SW	3	52	51	5	bc	100	45	c	52	49	0.1											
3	Cranfield	340	03.2	0	SW	1	49	48	6	bc	100	45	03.2	+2	SW	4	53	51	6	bc	100	45	c	53	49	0.1											
	Honiley	487	03.2	0	SW	3	52	50	7	bc	100	45	02.7	-2	SW	3	52	48	8	bc	100	45	c	52	49	0.1											
4	Little Rissington	731	04.4	+2	W	3	52	49	7	bc	100	45	03.8	-4	SW	3	51	49	7	bc	100	45	c	51	48	0.1											
	Defford	58	04.1	+2	WSW	2	55	50	6	bc	100	45	03.1	-6	SSW	2	54	48	7	bc	100	45	c	54	50	0.1											
5	Bristol	200	05.3	0	W	4	54	49	7	bc	100	45	04.1	-8	SSW	3	54	49	7	bc	100	45	c	54	50	0.1											
	Hartland Point	109	06.1	0	WNW	4	55	51	8	bc	100	45	02.8	-28	WSW	4	54	51	6	bc	100	45	c	54	51	0.1											
	Yeovil	50	04.7	-6	SW	3	52	50	7	bc	100	45	04.7	-6	SW	3	53	51	7	bc	100	45	c	53	49	0.1											
	Portland Bill	32	05.9	+2	WIN	3	57	51	7	bc	100	45	05.4	-4	WSW	5	57	52	6	bc	100	45	c	57	49	0.1											
	Exeter	100	07.5	0	W	3	58	51	7	bc	100	45	05.1	-14	W	3	58	53	8	bc	100	45	c	58	49	0.1											
	Plymouth	86	08.4	+2	WNW	2	54	51	7	bc	100	45	05.1	-22	W	1	53	53	8	bc	100	45	c	53	49	0.1											
	St. Eval	345	08.7	+2	W	4	53	47	8	bc	100	45	04.6	-22	WSW	5	53	52	6	bc	100	45	c	53	49	0.1											
	Lizard	340	08.9	+2	W	5	53	51	7	bc	100	45	04.3	+2	WSW	6	54	54	6	bc	100	45	c	54	49	0.1											
	Guernsey	340	10.4	+4	WIN	3	54	50	7	bc	100	45	08.3	-6	WSW	5	55	54	7	bc	100	45	c	55	49	0.1											
	Scilly, St. Marys	103	08.6	-10	WNW	5	55	50	8	bc	100	45	04.1	-22	W	5	56	56	6	bc	100	45	c	56	49	0.1											
6	Fairwood	208	05.5	+2	WNW	3	54	52	7	bc	100	45	02.6	-16	WSW	3	52	51	6	bc	100	45	c	52	50	0.1											
	Pembroke	142	05.9	0	WNW	4	55	51	7	bc	100	45	02.3	-16	WSW	4	53	53	6	bc	100	45	c	53	50	0.1											
	Aberporth	485	04.3	-2	SSW	3	52	50	8	bc	100	45	01.5	-16	W	3	51	49	7	bc	100	45	c	51	50	0.5											
7	Holyhead (Valley)	32	02.7	-2	W	4	54	52	8	bc	100	45	00.6	-10	WSW	3	53	52	7	bc	100	45	c	53	49	0.1											
	Hawarden	15	03.4	+2	W	3	54	50	7	bc	100	45	02.3	-4	SW	2	53	50	8	bc	100	45	c	53	51	0.1											
8	Manchester	210	01.8	-2	WNW	3	52	51	5	bc	100	45	01.5	0	WSW	2	53	49	6	bc	100	45	c	53	49	0.1											
	Squires Gate	33	01.8	-2	WNW	3	52	51	5	bc	100	45	00.7	-4	WSW	4	52	51	8	bc	100	45	c	52	51	0.1											
	Gaztelle	100	09.4	-2	WSW	3	52	50	8	bc	100	45	08.6	0	WSW	4	52	51	8	bc	100	45	c	52	50	0.1											
9	Finningley	38	01.3	-4	S	1	51	49	5	bc	100	45	00.7	+2	WSW	1	53	51	6	bc	100	45	c	53	49	0.1											
10	Spurn Head	49	01.1	0	WSW	3	53	50	7	bc	100	45	00.9	-2	WSW	5	53	51	6	bc	100	45	c	53	49	0.1											
	Leeming	105	00.1	-4	WSW	1	52	49	8	bc	100	45	00.4	+2	WSW	2	52	49	8	bc	100	45	c	52	49	0.1											
	Tynemouth	108	09.4	-2	W	2	53	49	7	bc	100	45	08.5	-4	W	2	52	49	6	bc	100	45	c	52	49	0.1											
	Ackington	138	08.8	-4	bc	50	48	6	bc	100	45	08.4	+2	SW	2	51	48	8	bc	100	45																

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

No. 31277

OBSERVATIONS at 18h. G.M.T. 10th July

OBSERVATIONS during DAY(10th)CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30)

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

* Information not usually received

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

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

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

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

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

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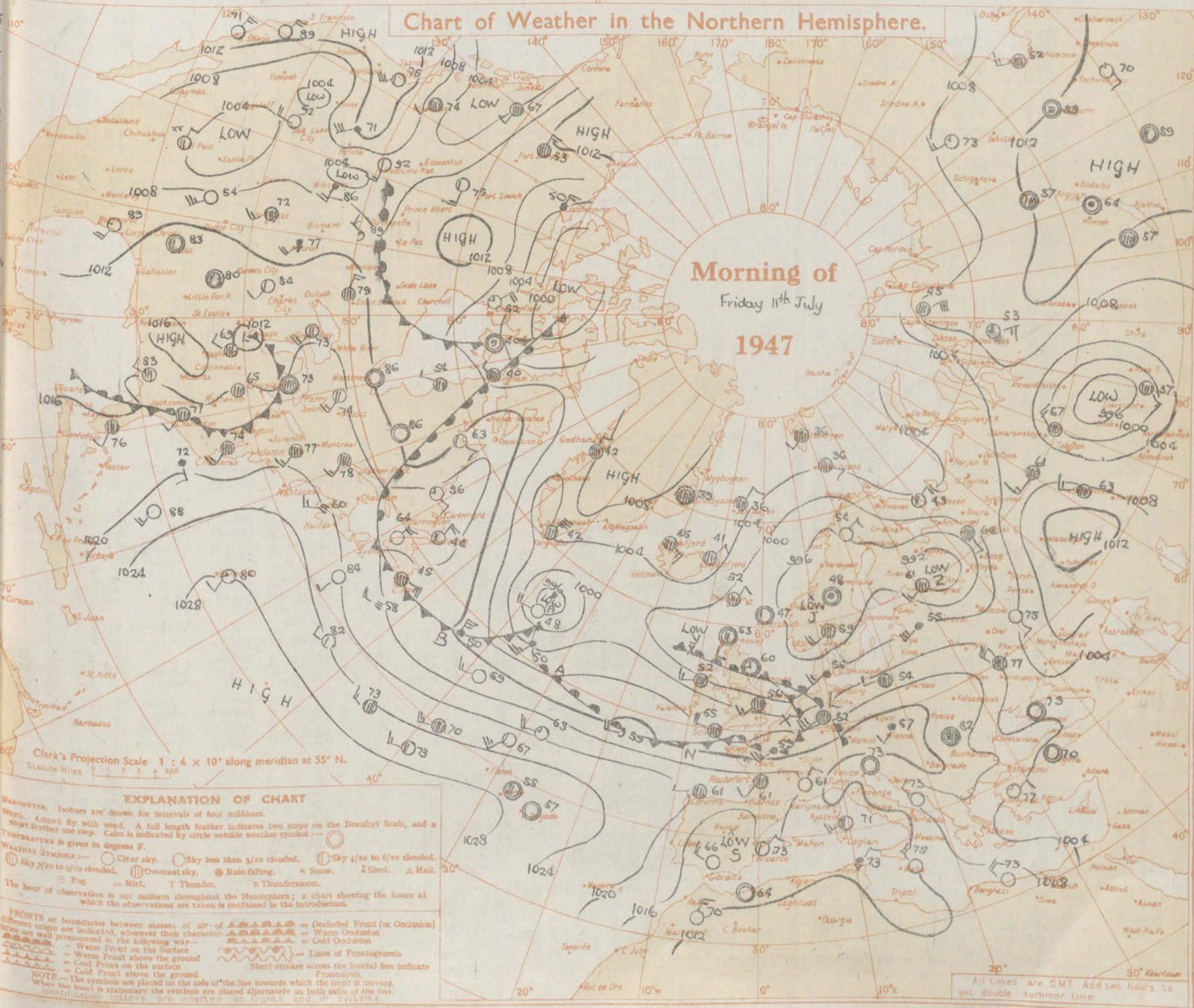
Humidity
1st
2nd
3rd
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14th
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31st

Pressure is comparatively low and uniform over Scotland and high to the South of England. A weak ridge of high pressure will move eastwards across the British Isles tonight and will be followed by a frontal trough. Over Scotland there will be bright periods and scattered showers. Elsewhere it will be mainly cloudy with occasional showers and there is a risk of thunder over East Anglia, N.E. England and the east Midlands this afternoon and evening. A belt of rain approaching from the Atlantic is expected to reach western districts of the British Isles tomorrow morning. It will continue cool.

Rain spreading to eastern districts of the country followed by showers and bright periods.

Chart of Weather in the Northern Hemisphere.

Morning of
Friday 11th July
1947



Clark's Projection Scale 1 : 4 x 10⁶ along meridian at 55° N.
Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

Isobars are drawn for intervals of four millibars.
Winds. 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 two hours to get double summer time.

OBSERVATIONS at 00hr. G.M.T. 11 th July															OBSERVATIONS at 06hr. G.M.T. 11 th July															OBSERVATIONS during NIGHT				
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (6)	Dew Point (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Temp. (22)	Dew Point (23)	Visibility. (24)	Cloud.					State of Ground. (31)	Weather.		Temperature.		Rain.		
					Dir. (3)	Force (4)				Form. (9)	Amount. (10)		Height of Base Hundreds of feet. (11)				Form. (25)	Amount. (26)				Height of Base Hundreds of feet. (27)			rth.-ooh. (32)	ooh.-ash. (33)		Min. (34)	Max. (35)					
											Low. (12)	Med. (13)	High. (14)	Total. (15)				Low. (28)				Med. (29)	High. (30)	Total. (31)										
1	Kew	16	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Croydon	217	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	S. Farnborough	226	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Boscombe Down	417	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Calshot	8	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Tangmere	53	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	3	55	51	8	1	4	1	3	2	2	12	—	—	—	—		
	Lymington	341	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Manston	140	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
2	Rheobryness	11	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	3	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Felixstowe	10	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Gorleston	5	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	3	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Mildenhall	15	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	3	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	West Raynham	250	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Waddington	235	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	4	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
3	Cranfield	340	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	3	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
	Honiley	427	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	3	55	51	8	—	—	—	—	—	—	—	—	—	—	—		
4	Little Rissington	731	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	2	50	47	7	5	—	—	—	—	—	—	—	—	—	—		
	Defford	58	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	3	54	46	8	5	—	—	—	—	—	—	—	—	—	—		
5	Bristol	300	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	4	54	50	7	7	—	—	—	—	—	—	—	—	—	—		
	Hardland Point	709	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WNW	3	54	49	8	8	—	—	—	—	—	—	—	—	—	—		
	Yeovilton	30	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	2	54	50	7	8	—	—	—	—	—	—	—	—	—	—		
	Portland Bill	39	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	5	56	50	7	5	—	—	—	—	—	—	—	—	—	—		
	Exeter	100	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	4	55	51	8	5	—	—	—	—	—	—	—	—	—	—		
	Plymouth	86	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	2	55	51	8	5	—	—	—	—	—	—	—	—	—	—		
	St. Eval	345	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	4	54	52	6	5	—	—	—	—	—	—	—	—	—	—		
	Lizard	249	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WN	3	58	53	8	5	—	—	—	—	—	—	—	—	—	—		
	Guernsey	349	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W.S	3	55	53	8	5	—	—	—	—	—	—	—	—	—	—		
6	Scilly, St. Marys	163	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WNW	3	53	52	8	5	—	—	—	—	—	—	—	—	—	—		
	Fairwood	268	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WNW	4	53	50	7	8	—	—	—	—	—	—	—	—	—	—		
	Pembroke	142	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WNW	4	53	49	8	5	—	—	—	—	—	—	—	—	—	—		
	Aberporth	485	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	4	52	49	8	5	—	—	—	—	—	—	—	—	—	—		
7	Holyhead (Valley)	32	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	3	53	51	8	5	—	—	—	—	—	—	—	—	—	—		
	Hawarden	15	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	3	53	48	8	5	—	—	—	—	—	—	—	—	—	—		
8	Manchester	210	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	2	53	50	6	5	—	—	—	—	—	—	—	—	—	—		
	Squires Gate	33	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	W	5	54	50	7	5	—	—	—	—	—	—	—	—	—	—		
	Carlisle	100	30.8	+0.1	W	4	56	51	7	—	—	—	—	—	30.6	+0.1	WSW	3	53	51	7	5	—	—	—	—	—	—	—	—	—	—		
9	Finnisley	28	30.8	+0.1	W	4	56																											

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

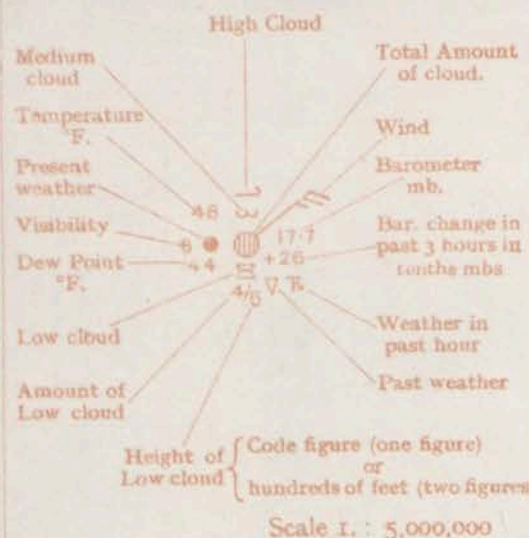
1947

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

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

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

STATION MODEL



6h Saturday 12th July

1947

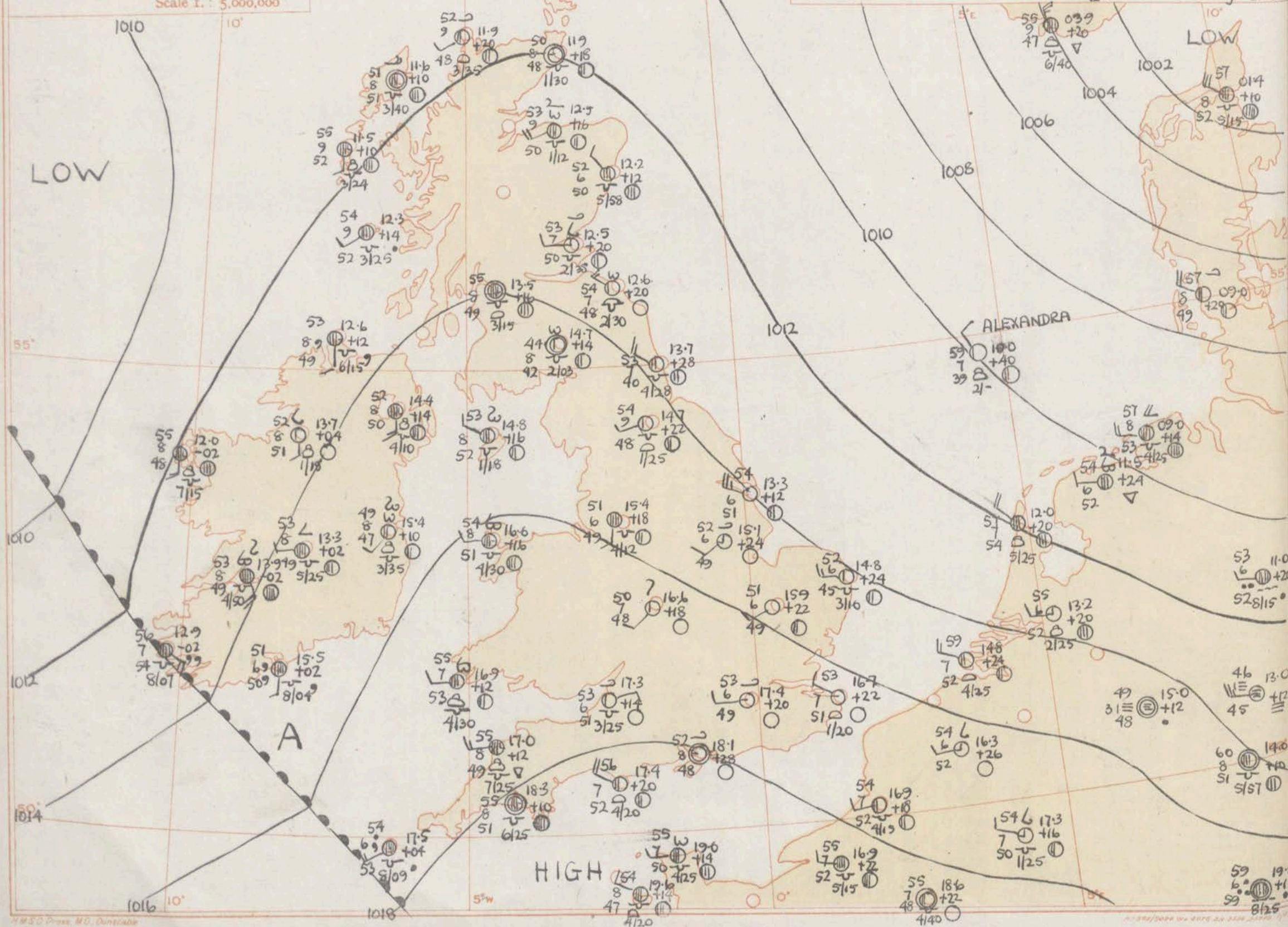
LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Morning	Afternoon	Night	Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
				Max.	Min.	Min. on grass	Day	Night		Yesterday	To-day
Kew	C	C	cbcbw	63	51	47	-	-	0.4	*	*
Croydon	C	ccy	cybbm	64	49	45	-	-	2.3	85	65
Greenwich	C	cy	cbw	66	49	38	-	TR	1.5	57	64
Westminster	.	.	.	63	50	45	-	-	.	70	75
Regents Park	.	.	.	64	50	46	-	-	.	57	66
Camden Square	C	C	.	65	50	45	-	-	.	.	71
Kensington	cbc	bc	.	64	50	41	TR	-	.	62	74
Hampstead	bc	bc	bc	62	47	42	-	-	.	.	71

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

Max 0.1 Time 5.42 Min. 0.01 Time Rest of Period



1947

ing

Humidity

5th % 9th %

To-day

5 65

7 64

10 75

17 66

21 71

27 74

31 71

Period

014

+10

5

3

11.0

6

28/15

6

13.0

5

+12

14.0

17

57

19.5

+16

8/25

30

GENERAL INFERENCE

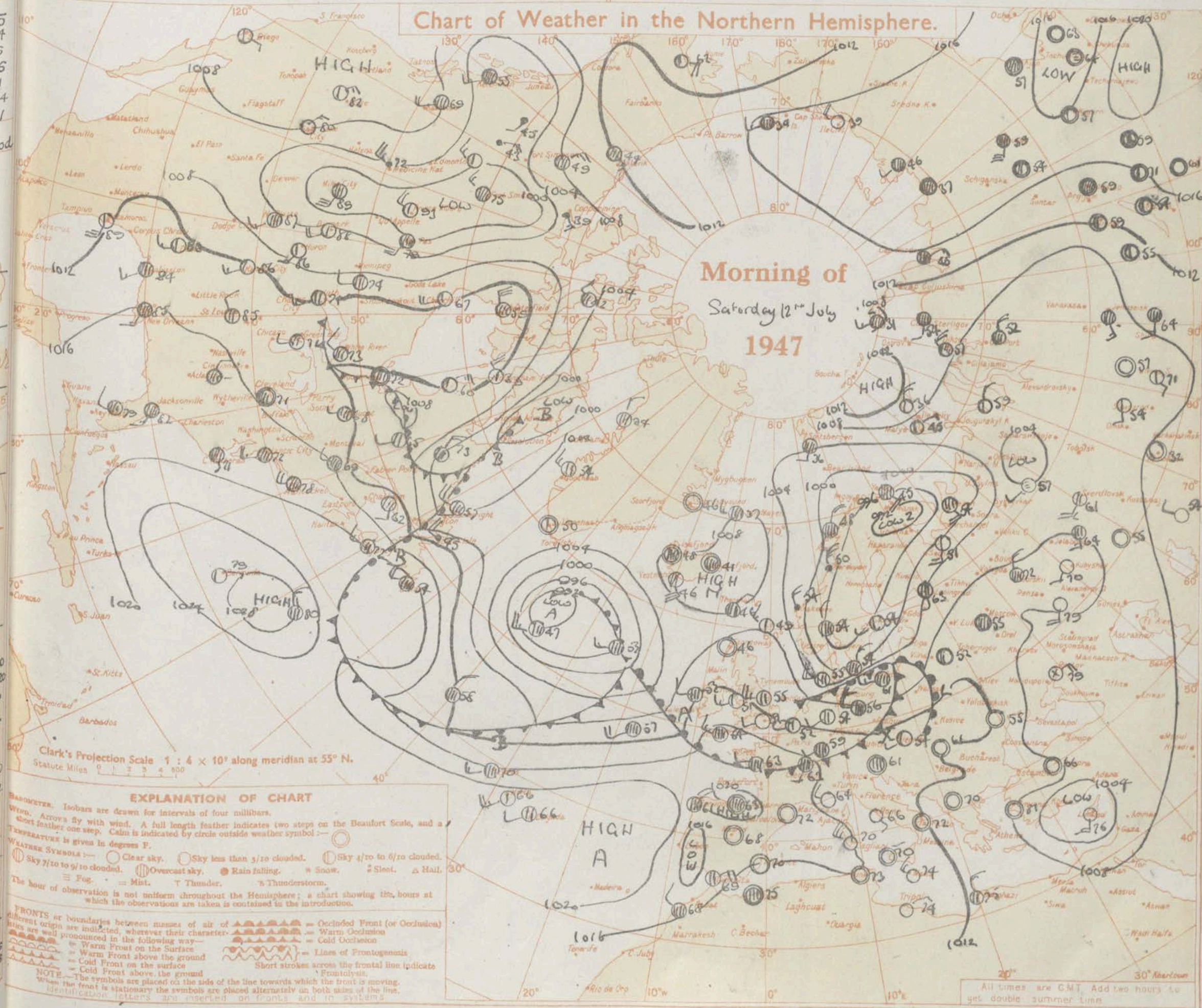
A developing ridge of high pressure moving slowly eastwards across the country will give fair conditions at first.
A moist Southwesterly stream following will spread cloudy conditions slowly to most areas and give occasional slight rain or drizzle in Western districts.

FURTHER OUTLOOK

Occasional rain or drizzle in the West and North; mainly fair in the Midlands and East.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 12th July
1947



BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Saturday 12th July 1947
No. 21272

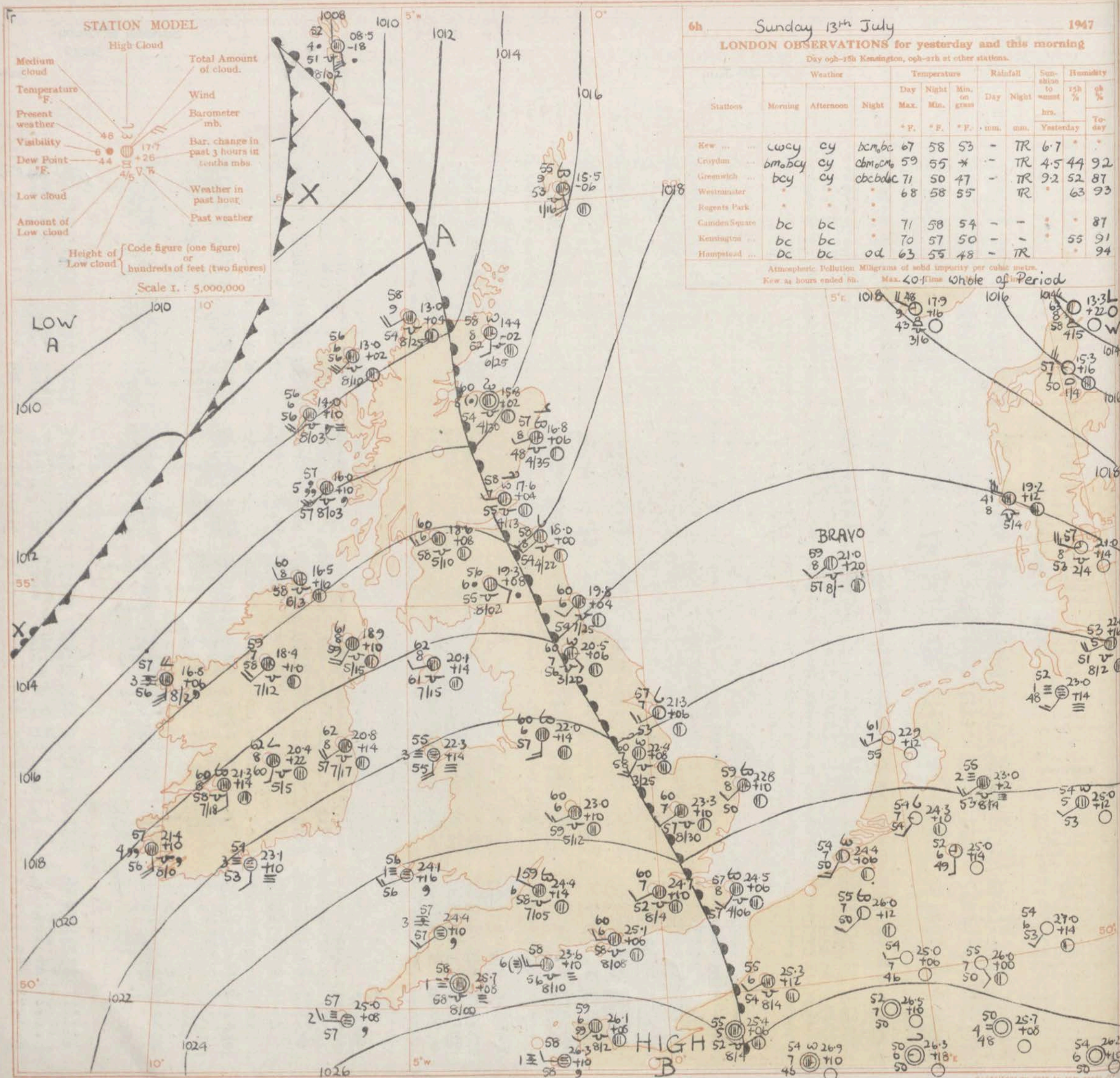
OBSERVATIONS at 00hr. G.M.T. 12 th July																									OBSERVATIONS at 06hr. G.M.T. 12 th July																									OBSERVATIONS during NIGHT																																																																																																																																																																																																																														
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.						Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	State of Ground.	+/-	Weather.		Temperature.			Rain.																																																																																																																																																																																																																																																		
					Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.	Weather.			Min. °F.	Min. on German °F.						Max. °F.																																																																																																																																																																																																																																																							
																										Low.	Med.	High.	Total.		A.	B.	Low.	Med.	High.	Total.	A.	B.																																																																																																																																																																																																																																										
																																							10-12	1-3	4-6	7-9	10-12	1-3	4-6	7-9	10-12	1-3	4-6	7-9																																																																																																																																																																																																																														
1	Kew ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot ... Tangmere ...	14 212 228 417 8 53	13.5 13.6 14.4 14.2 14.1	+18 +18 +18 +18 +18	W W NE SW NW	2 2 3 2 2	54 52 48 52 51	50 48 49 46 47	7 7 8 8 8	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	17.4 17.4 17.4 18.0 18.5 18.1	+24 +20 +22 +14 +20 +28	SW W W SW S	1 2 2 0 0 0	6 6 6 6 6 6	53 53 53 51 49 52	49 48 48 47 48 48	7 7 7 7 8 8	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1

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

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

OBSERVATIONS during DAY (12th)

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. (°F) (6)	Dew Point (°F) (7)	Visibility (8)	Cloud.						Barom. at M.S.L. (17)	Change in 3 hours. (18)	Wind.		Weather. (25)	Temp. (°F) (22)	Dew Point (°F) (23)	Visibility (24)	Cloud.						Barom. at M.S.L. (31)	Change in 3 hours. (32)	Wind.		Weather. (35)	Temp. (°F) (36)	Dew Point (°F) (37)	Visibility (38)	Rain- fall (39)																																																																																																																																																																																																													
				Dir.	Force.					Low.	Med.	High.	Total.	A. (10)	B. (11)			C. (12)	D. (13)					E. (14)	F. (15)	G. (16)	H. (19)	I. (20)	J. (21)			K. (26)	L. (27)						M. (28)	N. (29)	O. (30)	P. (33)	Q. (34)	R. (35)	S. (36)	T. (37)	U. (38)																																																																																																																																																																																																				
																																																Form.	Amount.	Height of Base Hundredths of feet.	Form.	Amount.	Height of Base Hundredths of feet.	Form.	Amount.	Height of Base Hundredths of feet.																																																																																																																																																																																											
																																																									Low.	Med.	High.	Total.	A. (10)	B. (11)	C. (12)	D. (13)	E. (14)	F. (15)	G. (16)	H. (19)	I. (20)	J. (21)	K. (26)	L. (27)	M. (28)	N. (29)	O. (30)	P. (33)	Q. (34)	R. (35)	S. (36)	T. (37)	U. (38)																																																																																																																																																																		
1	Kew Croydon S. Farnborough Boscombe Down Calshot Tangmere	19.9 20.0 20.1 19.8 20.4 20.5	+12 +10 +12 +10 +8 +10	WNW W SSW SW SW SW	2 3 3 3 3 4	C C C C-bc bc bc	66 66 65 64 65 67	49 47 50 51 51 55	8 8 8 8 9 8	8 2 7 7 7 7	- - - - - 3	1 1 6 2 4 4	4 5 2 4 3 1	28 30 30 18 25 25	40 40 40 25 40 -	21.4 21.7 21.9 21.7 23.2 22.7	+4 +8 +10 +10 +16 +10	SSW SSW SSW SW SW -	3 3 3 3 4 4	C C C-bc bc C-bc b-bc	66 65 64 60 59 61	51 51 52 52 52 50	8 8 8 8 9 9	8 4 5 5 1 3	3 3 3 3 3 1	3 6 7 7 5 3	3 5 2 4 1 3	2 4 4 2 5 2	- - - - - -	- - - - - -	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0



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DISCOUNTS
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Humidity	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

Temperature	75%	80%	85%	90%	95%	100%
75%	75	80	85	90	95	100
80%	80	85	90	95	100	
85%	85	90	95	100		
90%	90	95	100			
95%	95	100				
100%	100					

GENERAL INFERENCE

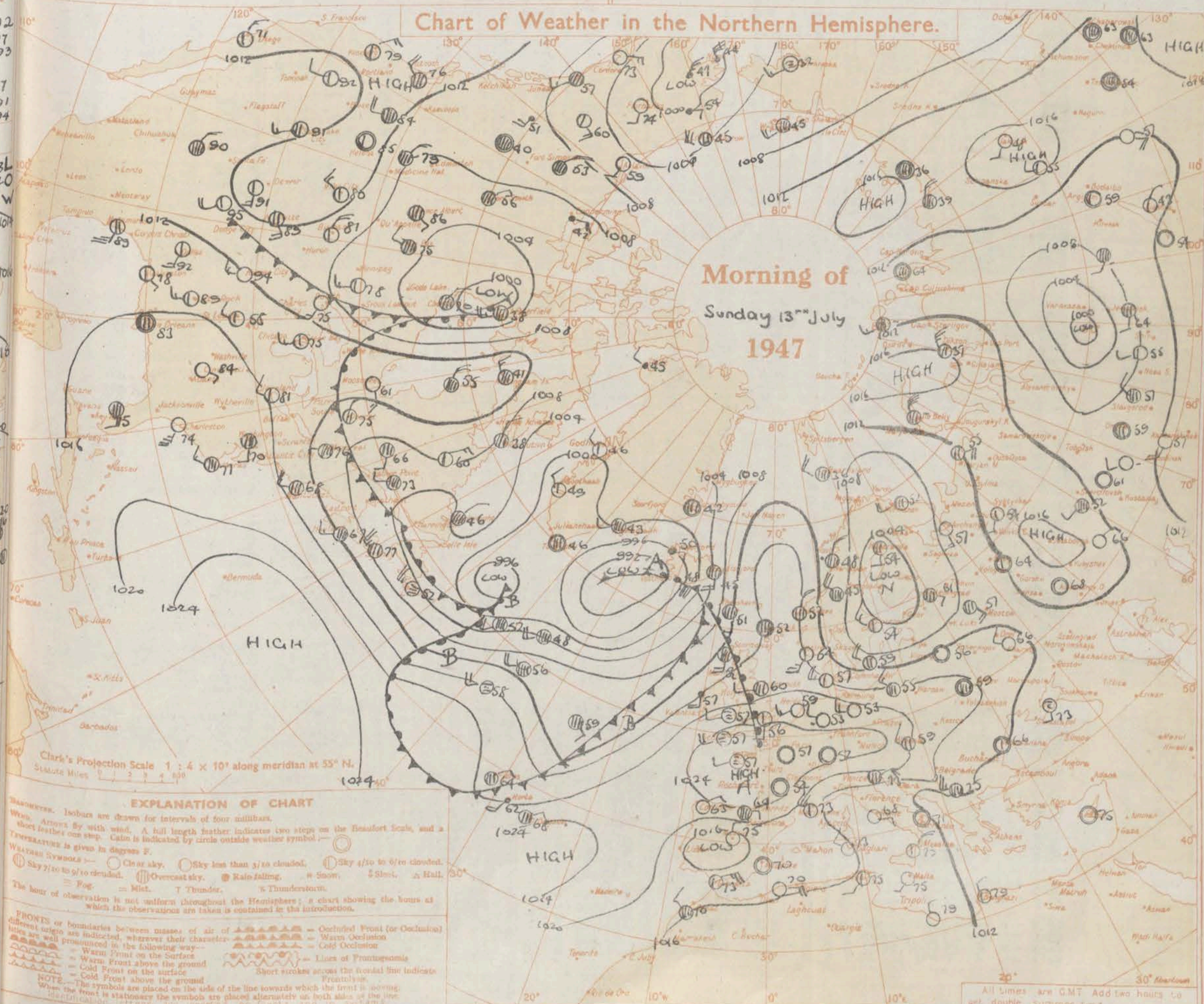
An anticyclone centred over the Bay of Biscay and West France is moving slowly East-northeast. Weather will be dull at first in all areas with local drizzle, chiefly in western and southwestern coastal areas where extensive fog will occur. It will become fair or fine inland in eastern districts during the afternoon but local fog will occur early tomorrow morning. It will be warm and close generally.

FURTHER OUTLOOK

Fair or fine conditions in most districts of England, Wales and Eastern Scotland probably continuing for a few days. Occasional rain or drizzle elsewhere.

Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 13th July
1947



EXPLANATION OF CHART

Isobars. Isobars are drawn for intervals of four millibars.
Winds. Arrows by with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
Temperature. Temperature is given in degrees F.
Weather Symbols. — Clear sky, — Sky less than 3/10 clouded, — Sky 4/10 to 6/10 clouded, — Sky 7/10 to 9/10 clouded, — Overcast sky, — Rain falling, — Snow, — Sleet, — Hail, — 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 two hours to get double summer time.

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

BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Monday 14th July

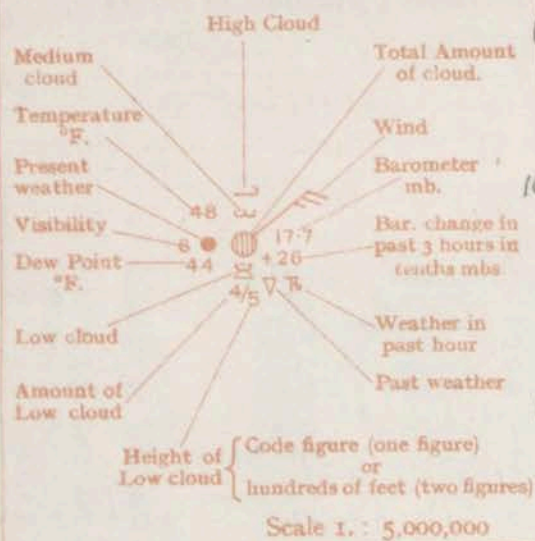
1947

No. 31280

OBSERVATIONS at 12h. G.M.T. 13th JulyOBSERVATIONS at 18h. G.M.T. 13th JulyOBSERVATIONS during DAY (13th)

Station.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Weather.				Max. Temp. 24h. °F.	Sun shine Hrs.	Rain 24h. inches.																																																																				
			Dir.	Force.				Form.	Amount.	Low.	Med.				High.	Total.				A.	B.	C.	D.			E.	F.	G.	H.				I.	J.	K.	L.	M.	N.	O.	P.	Q.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.																																																		
(For heights see p. 4.)	mb.	(a)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
Kew	25.4	+2	W'S	2	Cbc	70	62	8	7	-	-	5	2	5	25.2	-2	WNW	2	Cbc	77	61	8	2	-	-	3	3	1	30	-	0	Cbc	79	5.1	-																																																																	
Croydon	25.7	+4	WSW	2	C	70	60	7	7	-	-	5	3	5	25.1	-6	WSW	2	Cbc	77	62	8	2	-	-	3	3	1	30	-	0	Cbc	78	6.1	Tr																																																																	
S. Farnborough	25.3	-2	W	3	Cbc	72	62	8	7	-	-	5	4	4	25.2	-6	W	3	Cbc	75	62	8	2	-	-	3	3	1	30	-	0	Cbc	77	6.1	Tr																																																																	
Boscombe Down	25.5	+2	W	4	Cbc	74	61	8	7	-	-	4	4	4	25.5	-2	W	4	Cbc	74	61	8	2	-	-	3	3	1	30	-	0	Cbc	75	10.9	-																																																																	
Calshot	26.2	+2	SSW	3	Cbc	71	61	8	7	-	-	3	4	3	26.2	-2	SSW	3	Cbc	67	60	8	1	-	-	2	2	1	30	-	0	Cbc	73	10.1	-																																																																	
Tangmere	25.5	0	SW	3	Cbc	73	63	7	5	-	-	4	4	1	25.2	-6	WSW	3	Cbc	73	65	8	1	-	-	2	2	1	35	-	0	Cbc	75	9.2	-																																																																	
Lymington	25.6	+6	W'S	2	C	68	61	7	5	-	-	8	8	-	25.8	-2	SE	2	C	64	61	7	-	-	3	3	1	30	-	0	Cbc	70	3.3	-																																																																		
Manston	26.0	+10	WNW	2	C	68	61	7	5	-	-	8	8	-	26.0	0	SE	3	C	62	61	7	-	-	3	3	1	30	-	0	Cbc	70	2.4	Tr																																																																		
Shearwater	26.5	+8	SWW	3	C	68	64	6	5	-	-	8	8	-	26.1	+2	S	3	Cbc	69	66	7	-	-	3	3	1	30	-	0	Cbc	72	1.5	-																																																																		
Felixstowe	25.0	+6	WNW	3	C	69	60	6	5	-	-	6	6	-	24.8	-6	S	3	C	68	62	7	-	-	3	3	1	30	-	0	Cbc	71	4.1	-																																																																		
Corlestone	23.8	+4	W	3	C	67	55	7	5	-	-	6	6	-	24.5	+2	SE	3	C	69	53	6	3	7	-	7	4	4	30	-	0	Cbc	71	3.9	-																																																																	
Mildenhall	24.8	+6	W'S	2	C	69	63	7	5	-	-	8	8	-	24.5	-12	SW	1	Cbc	74	66	7	-	-	4	3	1	30	-	0	Cbc	75	3.4	-																																																																		
West Raynham	24.4	+6	WSW	3	C	69	61	8	5	-	-	8	8	-	24.4	0	WSW	3	Cbc	73	63	7	-	-	4	3	1	30	-	0	Cbc	74	4.1	-																																																																		
Waddington	23.3	+8	SW	3	C	73	63	7	8	-	-	7	7	-	24.1	+2	SW	3	Cbc	75	65	7	-	-	4	3	1	30	-	0	Cbc	76	4.1	-																																																																		
Cranfield	24.5	0	W	3	C	69	60	8	5	-	-	7	7	-	24.4	-2	WS	3	Cbc	75	64	8	-	-	4	3	1	30	-	0	Cbc	77	7.2	-																																																																		
Honiley	24.2	+2	WNW	3	Cbc	71	62	8	8	-	-	5	4	3	25	25	WNW	3	Cbc	77	63	8	8	-	-	4	3	1	30	-	0	Cbc	77	8.3	-																																																																	
Little Rissington	25.1	0	WSW	3	C	70	60	8	5	-	-	7	7	-	25.3	-4	WSW	3	Cbc	73	61	8	2	-	-	4	3	1	30	-	0	Cbc	75	3.3	-																																																																	
Defford	25.2	+4	W	3	C	74	62	8	5	-	-	6	6	-	25.0	-2	WSW	3	Cbc	76	63	8	1	-	-	3	3	1	30	-	0	Cbc	79	10.2	-																																																																	
Bristol	26.1	+2	W'S	4	Cbc	69	61	8	5	-	-	3	3	-	25.8	-2	WSW	4	Cbc	69	62	8	1	-	-	1	1	1	30	-	0	Cbc	72	8.9	-																																																																	
Hardland Point	26.6	+6	WSW	3	C	58	58	3	1	-	-	9	9	-	26.4	-4	W	3	C	57	57	6	5	-	-	8	8	-	30	-	0	Cbc	58	0.7	Tr																																																																	
Yeovilton	26.6	+6	WSW	3	C	58	58	3	1	-	-	9	9	-	26.4	-4	W	3	C	57	57	6	5	-	-	8	8	-	30	-	0	Cbc	58	0.7	Tr																																																																	
Portland Bill	26.1	+10	WSW	3	C	61	59	6	5	-	-	4	4	-	25.7	-8	WNW	3	C	60	58	6	2	-	-	4	3	1	30	-	0	Cbc	62	8.5	-																																																																	
Exeter	26.6	0	SW	2	Cbc	67	61	8	5	-	-	4	4	-	26.3	-4	W	2	Cbc	71	68	8	7	-	-	4	3	1	30	-	0	Cbc	74	8.5	-																																																																	
Plymouth	27.5	+10	WSW	2	C	67	61	8	5	-	-	4	4	-	26.9	-6	W	1	Cbc	65	59	7	2	-	-	4	3	1	30	-	0	Cbc	65	8.5	-																																																																	
St. Eval	27.9	+6	W	3	C	58	58	3	1	-	-	8	8	-	27.7	-4	W	2	C	59	57	7	2	-	-	4	3	1	30	-	0	Cbc	60	0.0	Tr																																																																	
Lizard	27.3	+10	W	3	C	59	59	3	1	-	-	8	8	-	27.1	-6	WNW	2	C	58	58	6	5	-	-	4	3	1	30	-	0	Cbc	59	0.7	Tr																																																																	
Guernsey	28.5	+10	WNW	2	C	60	59	4	5	-	-	8	8	-	27.4	-10	WNW	1	C	60	58	2	3	3	-	6	3	3	1	30	-	0	Cbc	65	0.7	Tr																																																																
Scilly, St. Marys	27.0	+6	W'S	3	C	60	60	6	5	-	-	8	8	-	26.8	-6	SW	2	C	60	57	7	5	-	-	7	7	-	13	-	0	Cbc	62	0.1	Tr																																																																	
Fairwood	26.8	+10	WSW	3	C	59	59	6	5	-	-	8	8	-	27.0	-6	SW	2	C	58	57	7	5	-	-	7	7	-	13	-	0	Cbc	59	0.0	Tr																																																																	
Pembroke	26.7	+8	WSW	3	C	58	58	6	5	-	-	8	8	-	27.2	+2	WSW	2	C	57	56	6	5	-	-	7	7	-	13	-	0	Cbc	59	0.0	Tr																																																																	
Aberporth	25.6	+8	WSW	3	C	62	60	8	5	-	-	8	8	-	25.9	+2	WSW	3	C	62	59	8	5	-	-	7	7	-	13	-	0	Cbc	68	1.8	Tr																																																																	
Holyhead (Valley)	24.6	+10	SW	4	C	59	57	5	5	-	-	4	4	-	25.4	0	S	4	C	58	57	6	2	-	-	4	3	1	30	-	0	Cbc	63	0.1	-																																																																	
Harward	24.2	+8	WSW	3	Cbc	71	63	8	5	-	-	7	7	-	24.5	0	SW	2	Cbc	73	62	8	2	-	-	4	3	1	30	-	0	Cbc	75	1.9	-																																																																	
Manchester	23.6	+2	SSW	3	C																																																																																															

STATION MODEL



6h

Monday 14th July

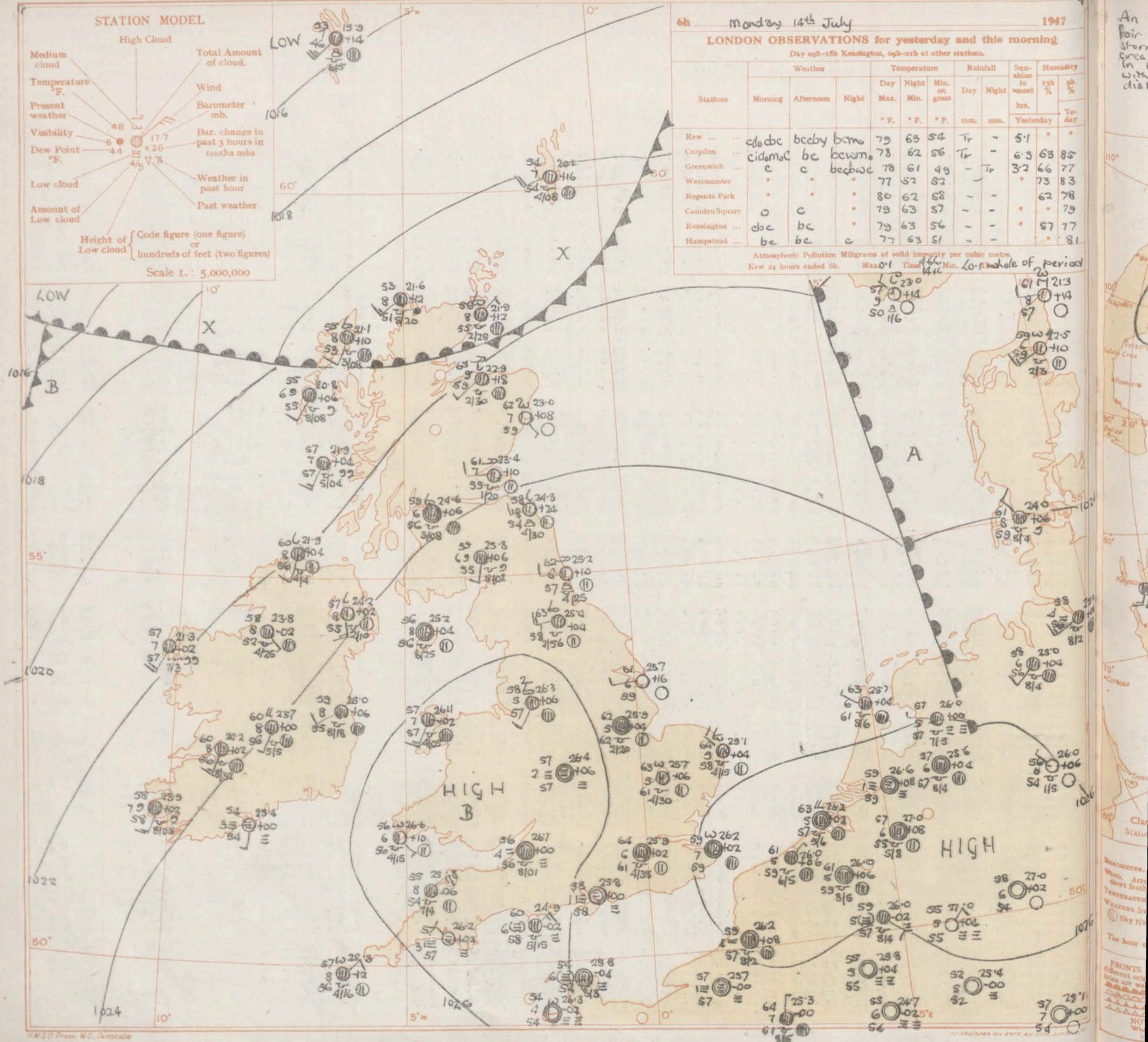
1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		13h %	24h %
Kew ...	cl dlc bc	bc by bc	bc	79	63	54	Tr	-	5.1	-	-
Croydon ...	cl dlc bc	bc	bc	78	62	56	Tr	-	6.3	63	85
Greenwich ...	c	c	bc	78	61	49	-	Tr	3.2	66	77
Westminster	.	.	.	77	52	52	-	-	.	73	83
Regents Park	.	.	.	80	62	58	-	-	.	62	78
Camden Square	o	c	.	79	63	57	-	-	.	.	79
Kensington ...	cl c	bc	.	79	63	56	-	-	.	67	77
Hampstead ...	bc	bc	c	77	63	51	-	-	.	.	81

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0.1 Time 14.4 Min. 0.0 Whole of period



1947

ing

Humidity

ish %

To-day

day

85

77

83

78

79

77

81

Period

21.3

+14

2.5

+10

11

26.0

+06

15

104

102

29.1

+00

102

102

102

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GENERAL INFERENCE

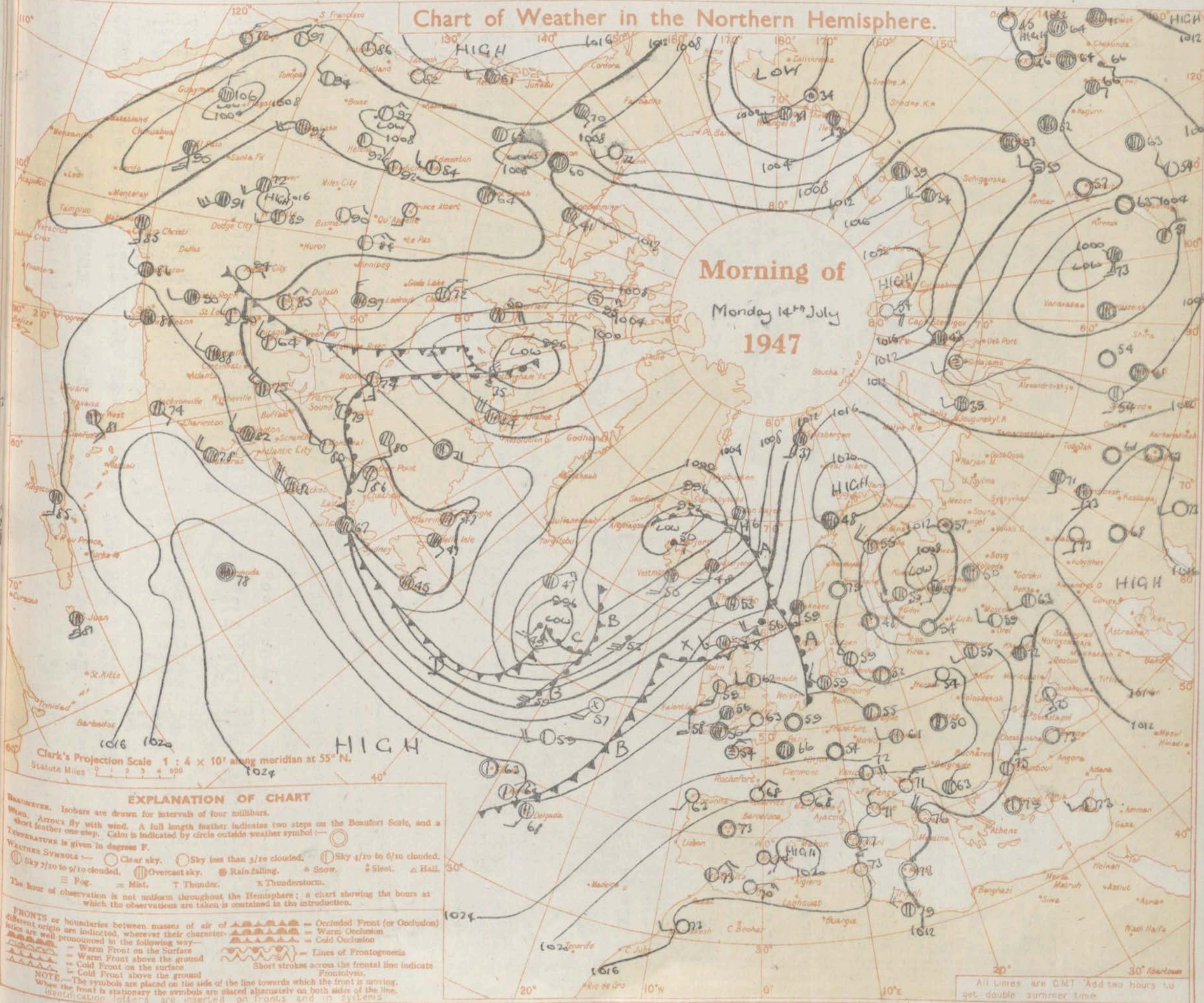
An anticyclone covers the British Isles: Weather will be mainly fair in most districts, with bright periods: A few scattered thunderstorms are probable in the evening: There will be considerable areas of fog and very low cloud during the night and at first in the morning: Weather will be dull in Northwest Scotland with some rain and drizzle; It will be very warm in most districts.

FURTHER OUTLOOK

Mainly fair and very warm weather persisting: Scattered thunderstorms.

Chart of Weather in the Northern Hemisphere.

Morning of
Monday 14th July
1947



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

Monday 14th July 1947
No. 3/280

OBSERVATIONS at 00hr. G.M.T

14th July

OBSERVATIONS at 06hr. G.M.T

14th July

9 h.

OBSERVATIONS Sunday NIGHT

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.		Temp.	Dew Point	Visibility.	Cloud.				Barom. at M.S.L.	Change in 1 hour.	Wind.	
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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.

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

Tuesday 15th July

1947

No. 31281

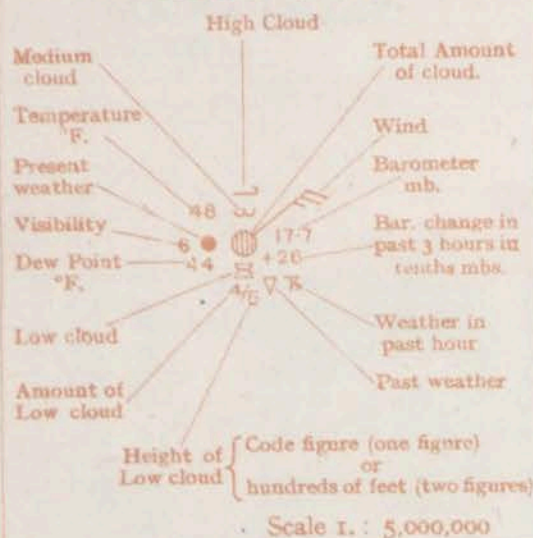
OBSERVATIONS at 12h. G.M.T. 14th July

OBSERVATIONS at 18h. G.M.T. 14th July

OBSERVATIONS during DAY (15th)

District.	STATIONS.	OBSERVATIONS at 12h. G.M.T. 14th July										OBSERVATIONS at 18h. G.M.T. 14th July										OBSERVATIONS during DAY (15th)									
		Barom.		Wind.		Temp.		Dew Point		Cloud.		Barom.		Wind.		Temp.		Dew Point		Cloud.		Weather.		Max. Temp.		Sun. shine		Rain			
		at M.S.L.		Dir.		°F		°F		Form.		at M.S.L.		Dir.		°F		°F		Form.		06h-12h.		12h-18h.		hrs.		mm.			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)		
1	Kew	24.6	-10	2.10	1	77	64	6	2	1	1	23.6	-10	ENE	2	73	64	6	2	1	1	00wcm	00wcm	80	2.8	1	1				
	Croydon	24.5	-12	2.10	1	75	63	6	2	1	1	22.5	-10	ENE	2	74	64	6	2	1	1	00wcm	00wcm	81	5.6	1	1				
	S. Farnborough	24.6	-12	2.10	1	76	64	6	2	1	1	22.5	-10	ENE	2	75	64	6	2	1	1	00wcm	00wcm	79	4.6	1	1				
	Beacombe Down	24.5	-10	2.10	1	77	64	6	2	1	1	22.3	-10	ENE	2	73	64	6	2	1	1	00wcm	00wcm	79	5.6	1	1				
	Calshot	25.4	-2	2.10	1	70	63	6	2	1	1	22.7	-18	ENE	2	66	61	8	2	1	1	00wcm	00wcm	71	11.5	1	1				
	Tangmere	25.0	-6	2.10	1	70	64	6	2	1	1	22.6	-14	ENE	2	71	65	8	2	1	1	00wcm	00wcm	73	9.0	1	1				
	Lymington	25.4	-6	2.10	1	69	64	8	2	1	1	22.8	-14	ENE	2	71	64	6	2	1	1	00wcm	00wcm	73	10.5	1	1				
	Manston	25.2	-10	2.10	1	74	65	7	2	1	1	23.9	-6	ENE	2	69	64	6	2	1	1	00wcm	00wcm	74	10.2	1	1				
	Shorncliffe	25.2	-6	2.10	1	70	64	7	2	1	1	23.9	-6	ENE	2	69	63	6	2	1	1	00wcm	00wcm	73	10.9	1	1				
	Felixstowe	25.3	-6	2.10	1	71	63	6	2	1	1	23.5	-12	ENE	2	67	62	6	2	1	1	00wcm	00wcm	72	11.0	1	1				
	Corlestone	25.9	-2	2.10	1	70	63	6	2	1	1	24.3	-12	ENE	2	63	58	5	2	1	1	00wcm	00wcm	70	11.0	1	1				
	Mildenhall	24.8	-8	2.10	1	75	65	7	2	1	1	23.3	-6	ENE	2	74	69	7	2	1	1	00wcm	00wcm	78	2.9	1	1				
	West Raynham	25.1	-8	2.10	1	74	63	7	2	1	1	23.6	-6	ENE	2	71	66	7	2	1	1	00wcm	00wcm	78	7.2	1	1				
	Waddington	25.2	-6	2.10	1	75	65	7	2	1	1	23.7	-6	ENE	2	71	66	7	2	1	1	00wcm	00wcm	81	7.3	1	1				
	Cranfield	24.4	-10	2.10	1	76	63	7	2	1	1	22.8	-6	ENE	2	68	63	7	2	1	1	00wcm	00wcm	82	8.1	1	1				
	Honiley	25.0	-14	2.10	1	75	64	6	2	1	1	22.2	-14	ENE	2	79	60	7	2	1	1	00wcm	00wcm	73	6.4	1	1				
4	Little Rissington	25.6	-10	2.10	1	73	63	7	2	1	1	23.0	-10	ENE	2	67	62	7	2	1	1	00wcm	00wcm	79	6.8	1	1				
	Defford	25.4	-12	2.10	1	75	63	7	2	1	1	22.4	-14	ENE	2	75	65	7	2	1	1	00wcm	00wcm	81	7.4	1	1				
5	Bristol	24.9	-16	2.10	1	75	63	7	2	1	1	22.7	-10	ENE	2	71	63	7	2	1	1	00wcm	00wcm	79	7.0	1	1				
	Hartland Point	24.5	-10	2.10	1	75	66	7	2	1	1	22.3	-14	ENE	2	61	58	7	2	1	1	00wcm	00wcm	65	7.9	1	1				
	Yeoilton	24.7	-10	2.10	1	74	60	7	2	1	1	22.3	-14	ENE	2	61	58	7	2	1	1	00wcm	00wcm	65	7.9	1	1				
	Portland Bill	24.2	-8	2.10	1	64	57	7	2	1	1	22.3	-8	ENE	2	64	60	6	2	1	1	00wcm	00wcm	66	8.7	1	1				
	Exeter	25.0	-14	2.10	1	71	65	8	2	1	1	22.3	-14	ENE	2	75	67	8	2	1	1	00wcm	00wcm	77	9.7	1	1				
	Plymouth	25.2	-6	2.10	1	67	60	7	2	1	1	22.7	-16	ENE	2	67	62	7	2	1	1	00wcm	00wcm	70	9.0	1	1				
	St. Eval	25.0	-4	2.10	1	68	62	7	2	1	1	23.0	-16	ENE	2	67	62	7	2	1	1	00wcm	00wcm	70	10.5	1	1				
	Lizard	25.1	-2	2.10	1	69	62	6	2	1	1	22.9	-14	ENE	2	67	60	7	2	1	1	00wcm	00wcm	67	9.4	1	1				
	Guernsey	24.4	-12	2.10	1	69	62	6	2	1	1	21.9	-16	ENE	2	68	60	7	2	1	1	00wcm	00wcm	71	9.4	1	1				
6	Scilly, St. Marys	24.9	-2	2.10	1	61	59	6	2	1	1	22.1	-14	ENE	2	61	58	6	2	1	1	00wcm	00wcm	63	2.7	1	1				
	Fairwood	25.0	-2	2.10	1	68	60	7	2	1	1	23.1	-18	ENE	2	71	62	7	2	1	1	00wcm	00wcm	74	12.1	1	1				
	Pembroke	24.6	-4	2.10	1	68	60	7	2	1	1	23.1	-18	ENE	2	63	58	7	2	1	1	00wcm	00wcm	70	9.1	1	1				
	Aberporth	25.5	-8	2.10	1	61	58	6	2	1	1	23.1	-18	ENE	2	60	58	6	2	1	1	00wcm	00wcm	62	12.3	1	1				
7	Holyhead (Valley)	26.0	-2	2.10	1	61	58	6	2	1	1	23.5	-16	ENE	2	63	55	5	2	1	1	00wcm	00wcm	65	8.4	1	1				
	Hawarden	25.2	-10	2.10	1	73	62	7	2	1	1	23.2	-10	ENE	2	67	60	7	2	1	1	00wcm	00wcm	78	9.0	1	1				
	Manchester	24.8	-14	2.10	1	74	61	6	2	1	1	22.3	-10	ENE	2	78	57	7	2	1	1	00wcm	00wcm	79	8.3	1	1				
	Squires Gate	25.9	-6	2.10	1	65	58	6	2	1	1	24.0	-10	ENE	2	65	56	7	2	1	1	00wcm	00wcm	67	7.5	1	1				
	Carlisle	25.0	-6	2.10	1	64	61	7	2	1	1	23.2	-14	ENE	2	64	57	5	2	1	1	00wcm	00wcm	67	7.5	1	1				
9	Finningley	25.2	-6	2.10	1	78	66	6	2	1	1	23.9	-10	ENE	2	76	69	7	2	1	1	00wcm	00wcm	82	7.5	1	1				
10	Spurn Head	22.8	-0	2.10	1	69	60	6	2	1	1	24.2	-10	ENE	2	69	56	6	2	1	1	00wcm	00wcm	72	10.4	1	1				
	Leeming	25.0	-6	2.10	1	74	62	6	2	1	1	23.5	-12	ENE	2	75	67	5	2	1	1	00wcm	00wcm	78	8.2	1	1				
	Tynemouth	25.4	-4	2.10	1	64	56	6	2	1	1	23.5	-10	ENE	2	60	54	7	2	1	1	00wcm	00wcm	72	8.2	1	1				
11	Acklington	24.6	+2	2.10	1	73	62	8	2	1	1	23.4	-6	ENE	2	64</															

STATION MODEL



6h

Tuesday 15th July

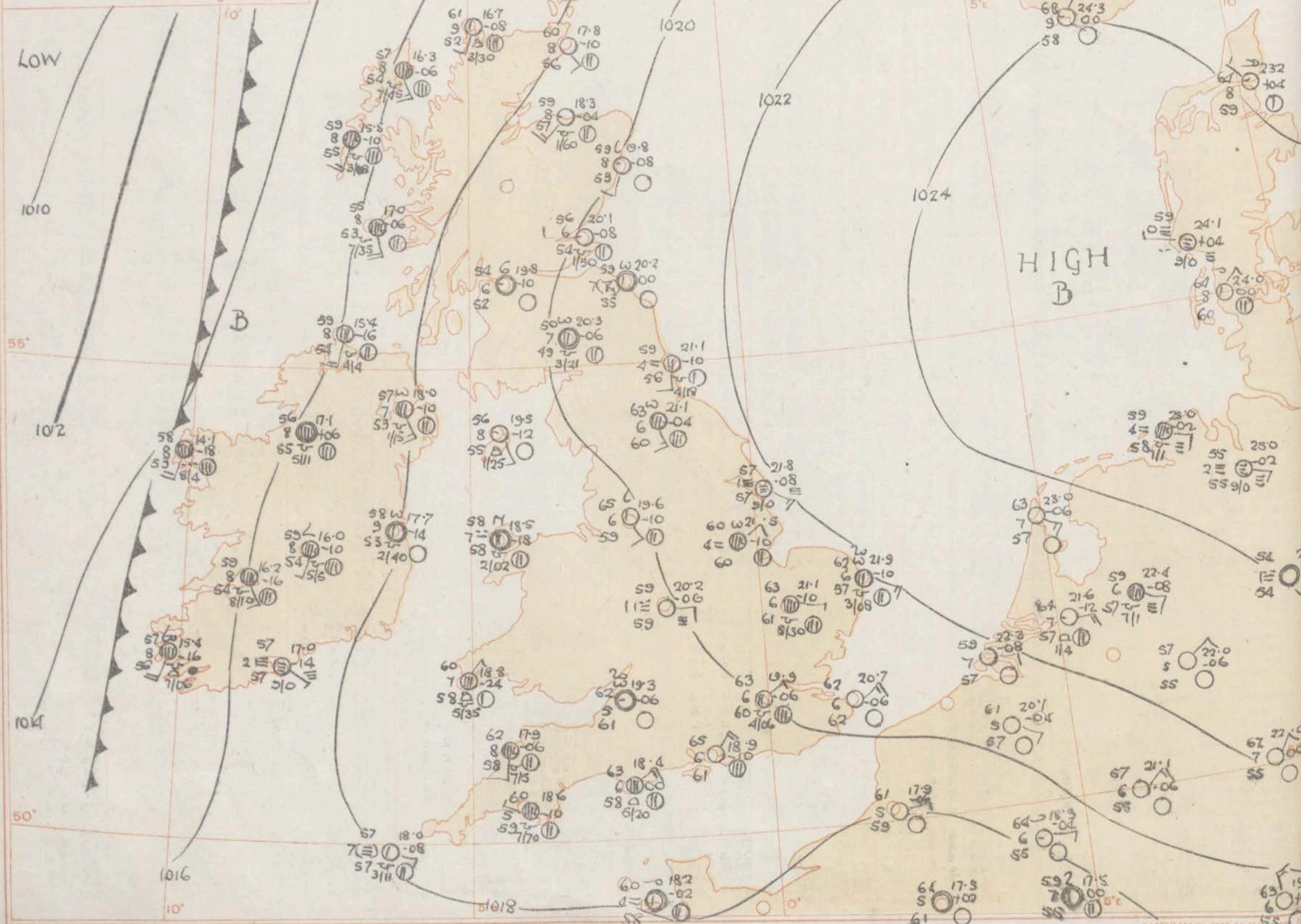
1947

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 %	9h %
Kew ...	cmo	cmo	cb	80	62	56	Tr	-	2.8	56	71
Croydon ...	cmo	cmo	cb	81	61	58	-	-	5.6	61	62
Greenwich ...	cmo	cb	cb	80	63	52	-	-	4.5	61	61
Westminster	.	.	.	80	63	58	-	-	5.8	61	61
Regents Park	.	.	.	79	63	58	-	-	5.7	61	61
Camden Square	c	c	.	81	63	57	-	-	7.8	63	63
Kensington ...	bcc	cb	b	78	60	54	-	32	4.2	68	68
Hampstead ...	bcc	cb	b	78	60	54	-	32	4.2	68	68

Atmospheric Pollution Milligrams of solid in 100 cubic m. Kew 24 hours ended 6h. Max. 0.2 Time 14h. Min. 0.0 Time 14h.



Press extend is more will be and where will: Occasional patches on the or ve

110°

100°

90°

80°

70°

60°

50°

40°

30°

GENERAL INFERENCE

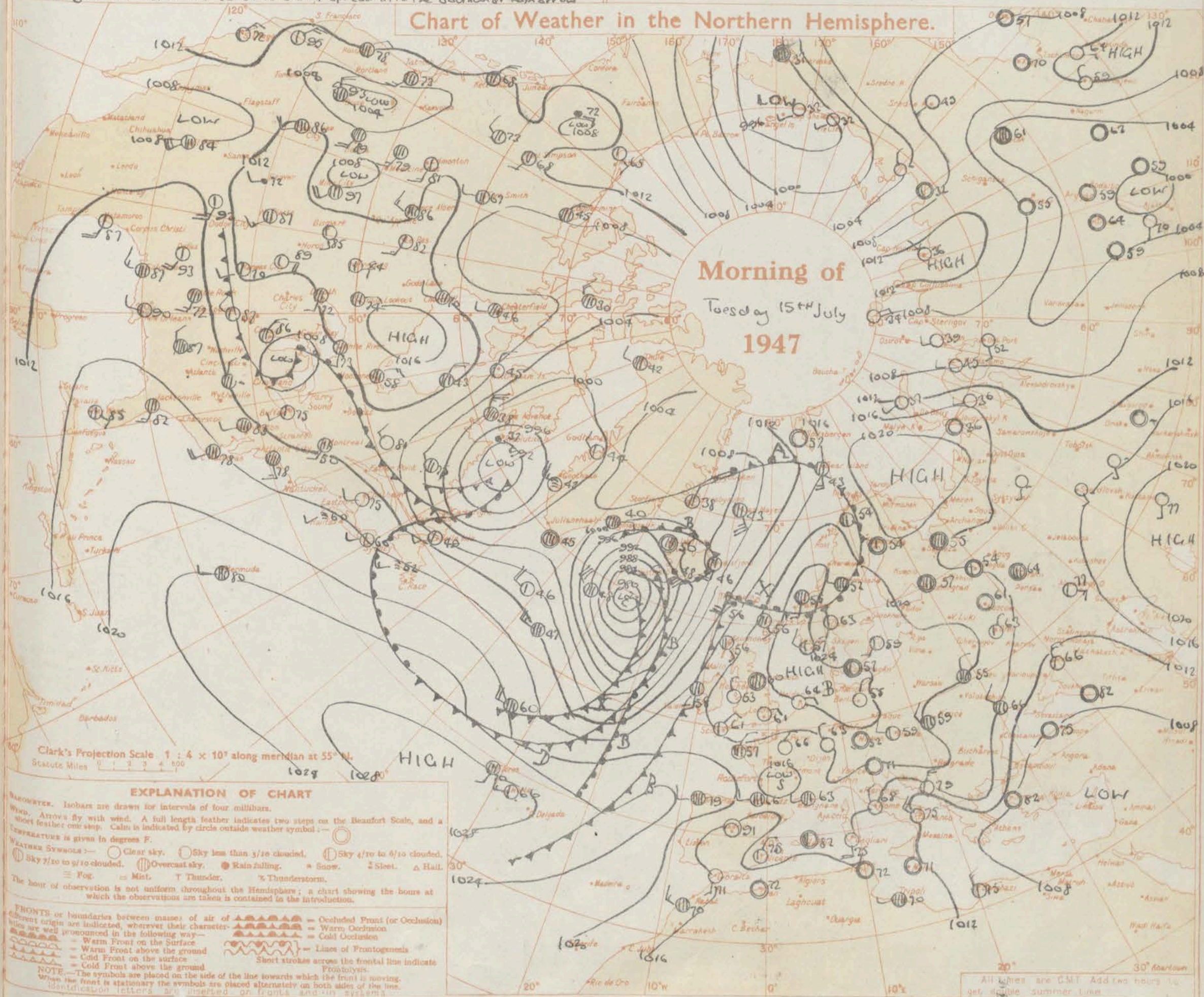
Pressure is high from Southern Scandinavia to Germany and a ridge extends from it over England. A shallow depression over Western France is moving slowly northwards. Weather will be mainly fair at first, but there will be local thunderstorms in all areas more especially in North England and South Scotland and in the extreme South and Southwest of England where cloudy conditions with occasional thunder rain or thunderstorms will spread from the South tonight and later extend northward. Occasional rain will occur in the extreme Northwest. There will be sea fog patches off the coast and these will cause coastal fog locally especially on the NE. coasts later. Winds will be variable and light. It will be warm or very warm but cooler conditions will spread in to the Southwest tomorrow

FURTHER OUTLOOK

Occasional thundery rain or thunderstorms spreading northwards

Chart of Weather in the Northern Hemisphere.

Morning of
Tuesday 15th July
1947



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

Tuesday 15th July 1947
No. 31281

[illegible]

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* Information not usually received.

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

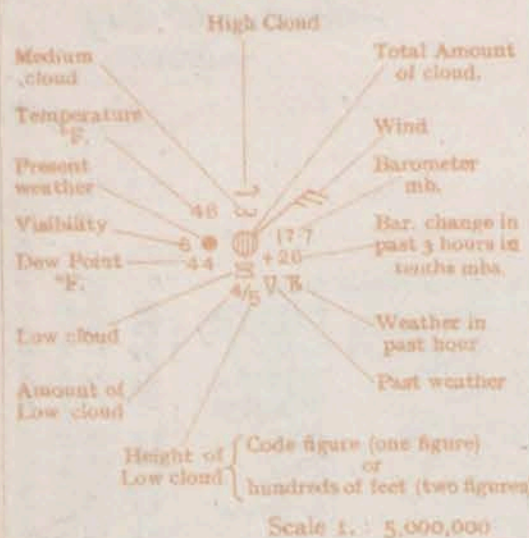
OBSERVATIONS at 12h. G.M.T. 15th July

OBSERVATIONS at 18h. G.M.T. 15th July

OBSERVATIONS during DAY (15th)

Station.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. (°F) (3)	Dew Point (°F) (4)	Visibility (miles) (5)	Cloud.				Height of Base Hundreds of feet. (13)	Barom. at 18h. m.b. (14)	Change in 3 hours. (15)	Wind.		Temp. (°F) (16)	Dew Point (°F) (17)	Visibility (miles) (18)	Cloud.				Height of Base Hundreds of feet. (20)	State of Ground. (21)	Weather.				Max. Temp. (°F) (22)	Sun- shine (hrs) (23)	Rain- fall (inches) (24)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			Dir.	Force.				Low.	Med.	High.	Total.				A.	B.				Low.	Med.	High.	Total.			A.	B.	06h.-12h.	12h.-18h.				06h.-12h.	12h.-18h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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(For heights see p. 4.)	m.b. (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)	(102)	(103)	(104)	(105)	(106)	(107)	(108)	(109)	(110)	(111)	(112)	(113)	(114)	(115)	(116)	(117)	(118)	(119)	(120)	(121)	(122)	(123)	(124)	(125)	(126)	(127)	(128)	(129)	(130)	(131)	(132)	(133)	(134)	(135)	(136)	(137)	(138)	(139)	(140)	(141)	(142)	(143)	(144)	(145)	(146)	(147)	(148)	(149)	(150)	(151)	(152)	(153)	(154)	(155)	(156)	(157)	(158)	(159)	(160)	(161)	(162)	(163)	(164)	(165)	(166)	(167)	(168)	(169)	(170)	(171)	(172)	(173)	(174)	(175)	(176)	(177)	(178)	(179)	(180)	(181)	(182)	(183)	(184)	(185)	(186)	(187)	(188)	(189)	(190)	(191)	(192)	(193)	(194)	(195)	(196)	(197)	(198)	(199)	(200)	(201)	(202)	(203)	(204)	(205)	(206)	(207)	(208)	(209)	(210)	(211)	(212)	(213)	(214)	(215)	(216)	(217)	(218)	(219)	(220)	(221)	(222)	(223)	(224)	(225)	(226)	(227)	(228)	(229)	(230)	(231)	(232)	(233)	(234)	(235)	(236)	(237)	(238)	(239)	(240)	(241)	(242)	(243)	(244)	(245)	(246)	(247)	(248)	(249)	(250)	(251)	(252)	(253)	(254)	(255)	(256)	(257)	(258)	(259)	(260)	(261)	(262)	(263)	(264)	(265)	(266)	(267)	(268)	(269)	(270)	(271)	(272)	(273)	(274)	(275)	(276)	(277)	(278)	(279)	(280)	(281)	(282)	(283)	(284)	(285)	(286)	(287)	(288)	(289)	(290)	(291)	(292)	(293)	(294)	(295)	(296)	(297)	(298)	(299)	(300)	(301)	(302)	(303)	(304)	(305)	(306)	(307)	(308)	(309)	(310)	(311)	(312)	(313)	(314)	(315)	(316)	(317)	(318)	(319)	(320)	(321)	(322)	(323)	(324)	(325)	(326)	(327)	(328)	(329)	(330)	(331)	(332)	(333)	(334)	(335)	(336)	(337)	(338)	(339)	(340)	(341)	(342)	(343)	(344)	(345)	(346)	(347)	(348)	(349)	(350)	(351)	(352)	(353)	(354)	(355)	(356)	(357)	(358)	(359)	(360)	(361)	(362)	(363)	(364)	(365)	(366)	(367)	(368)	(369)	(370)	(371)	(372)	(373)	(374)	(375)	(376)	(377)	(378)	(379)	(380)	(381)	(382)	(383)	(384)	(385)	(386)	(387)	(388)	(389)	(390)	(391)	(392)	(393)	(394)	(395)	(396)	(397)	(398)	(399)	(400)	(401)	(402)	(403)	(404)	(405)	(406)	(407)	(408)	(409)	(410)	(411)	(412)	(413)	(414)	(415)	(416)	(417)	(418)	(419)	(420)	(421)	(422)	(423)	(424)	(425)	(426)	(427)	(428)	(429)	(430)	(431)	(432)	(433)	(434)	(435)	(436)	(437)	(438)	(439)	(440)	(441)	(442)	(443)	(444)	(445)	(446)	(447)	(448)	(449)	(450)	(451)	(452)	(453)	(454)	(455)	(456)	(457)	(458)	(459)	(460)	(461)	(462)	(463)	(464)	(465)	(466)	(467)	(468)	(469)	(470)	(471)	(472)	(473)	(474)	(475)	(476)	(477)	(478)	(479)	(480)	(481)	(482)	(483)	(484)	(485)	(486)	(487)	(488)	(489)	(490)	(491)	(492)	(493)	(494)	(495)	(496)	(497)	(498)	(499)	(500)	(501)	(502)	(503)	(504)	(505)	(506)	(507)	(508)	(509)	(510)	(511)	(512)	(513)	(514)	(515)	(516)	(517)	(518)	(519)	(520)	(521)	(522)	(523)	(524)	(525)	(526)	(527)	(528)	(529)	(530)	(531)	(532)	(533)	(534)	(535)	(536)	(537)	(538)	(539)	(540)	(541)	(542)	(543)	(544)	(545)	(546)	(547)	(548)	(549)	(550)	(551)	(552)	(553)	(554)	(555)	(556)	(557)	(558)	(559)	(560)	(561)	(562)	(563)	(564)	(565)	(566)	(567)	(568)	(569)	(570)	(571)	(572)	(573)	(574)	(575)	(576)	(577)	(578)	(579)	(580)	(581)	(582)	(583)	(584)	(585)	(586)	(587)	(588)	(589)	(590)	(591)	(592)	(593)	(594)	(595)	(596)	(597)	(598)	(599)	(600)	(601)	(602)	(603)	(604)	(605)	(606)	(607)	(608)	(609)	(610)	(611)	(612)	(613)	(614)	(615)	(616)	(617)	(618)	(619)	(620)	(621)	(622)	(623)	(624)	(625)	(626)	(627)	(628)	(629)	(630)	(631)	(632)	(633)	(634)	(635)	(636)	(637)	(638)	(639)	(640)	(641)	(642)	(643)	(644)	(645)	(646)	(647)	(648)	(649)	(650)	(651)	(652)	(653)	(654)	(655)	(656)	(657)	(658)	(659)	(660)	(661)	(662)	(663)	(664)	(665)	(666)	(667)	(668)	(669)	(670)	(671)	(672)	(673)	(674)	(675)	(676)	(677)	(678)	(679)	(680)	(681)	(682)	(683)	(684)	(685)	(686)	(687)	(688)	(689)	(690)	(691)	(692)	(693)	(694)	(695)	(696)	(697)	(698)	(699)	(700)	(701)	(702)	(703)	(704)	(705)	(706)	(707)	(708)	(709)	(710)	(711)	(712)	(713)	(714)	(715)	(716)	(717)	(718)	(719)	(720)	(721)	(722)	(723)	(724)	(725)	(726)	(727)	(728)	(729)	(730)	(731)	(732)	(733)	(734)	(735)	(736)	(737)	(738)	(739)	(740)	(741)	(742)	(743)	(744)	(745)	(746)	(747)	(748)	(749)	(750)	(751)	(752)	(753)	(754)	(755)	(756)	(757)	(758)	(759)	(760)	(761)	(762)	(763)	(764)	(765)	(766)	(767)	(768)	(769)	(770)	(771)	(772)	(773)	(774)	(775)	(776)	(777)	(778)	(779)	(780)	(781)	(782)	(783)	(784)	(785)	(786)	(787)	(788)	(789)	(790)	(791)	(792)	(793)	(794)	(795)	(796)	(797)	(798)	(799)	(800)	(801)	(802)	(803)	(804)	(805)	(806)	(807)	(808)	(809)	(810)	(811)	(812)	(813)	(814)	(815)	(816)	(817)	(818)	(819)	(820)	(821)	(822)	(823)	(824)	(825)	(826)	(827)	(828)	(829)	(830)	(831)	(832)	(833)	(834)	(835)	(836)	(837)	(838)	(839)	(840)	(841)	(842)	(843)	(844)	(845)	(846)	(847)	(848)	(849)	(850)	(851)	(852)	(853)	(854)	(855)	(856)	(857)	(858)	(859)	(860)	(861)	(862)	(863)	(864)	(865)	(866)	(867)	(868)	(869)	(870)	(871)	(872)	(873)	(874)	(875)	(876)	(877)	(878)	(879)	(880)	(881)	(882)	(883)	(884)	(885)	(886)	(887)	(888)	(889)	(890)	(891)	(892)	(893)	(894)	(895)	(896)	(897)	(898)	(899)	(900)	(901)	(902)	(903)	(904)	(905)	(906)	(907)	(908)	(909)	(910)	(911)	(912)	(913)	(914)	(915)	(916)	(917)	(918)	(919)	(920)	(921)	(922)	(923)	(924)	(925)	(926)	(927)	(928)	(929)	(930)	(931)	(932)	(933)	(934)	(935)	(936)	(937)	(938)	(939)	(940)	(941)	(942)	(943)	(944)	(945)	(946)	(947)	(948)	(949)	(950)	(951)	(952)	(953)	(954)	(955)	(956)	(957)	(958)	(959)	(960)	(961)	(962)	(963)	(964)	(965)	(966)	(967)	(968)	(969)	(970)	(971)	(972)	(973)	(974)	(975)	(976)	(977)	(978)	(979)	(980)	(981)	(982)	(983)	(984)	(985)	(986)	(987)	(988)	(989)	(990)	(991)	(992)	(993)	(994)	(995)	(996)	(997)	(998)	(999)	(1000)

STATION MODEL



6h

Wednesday 16th July

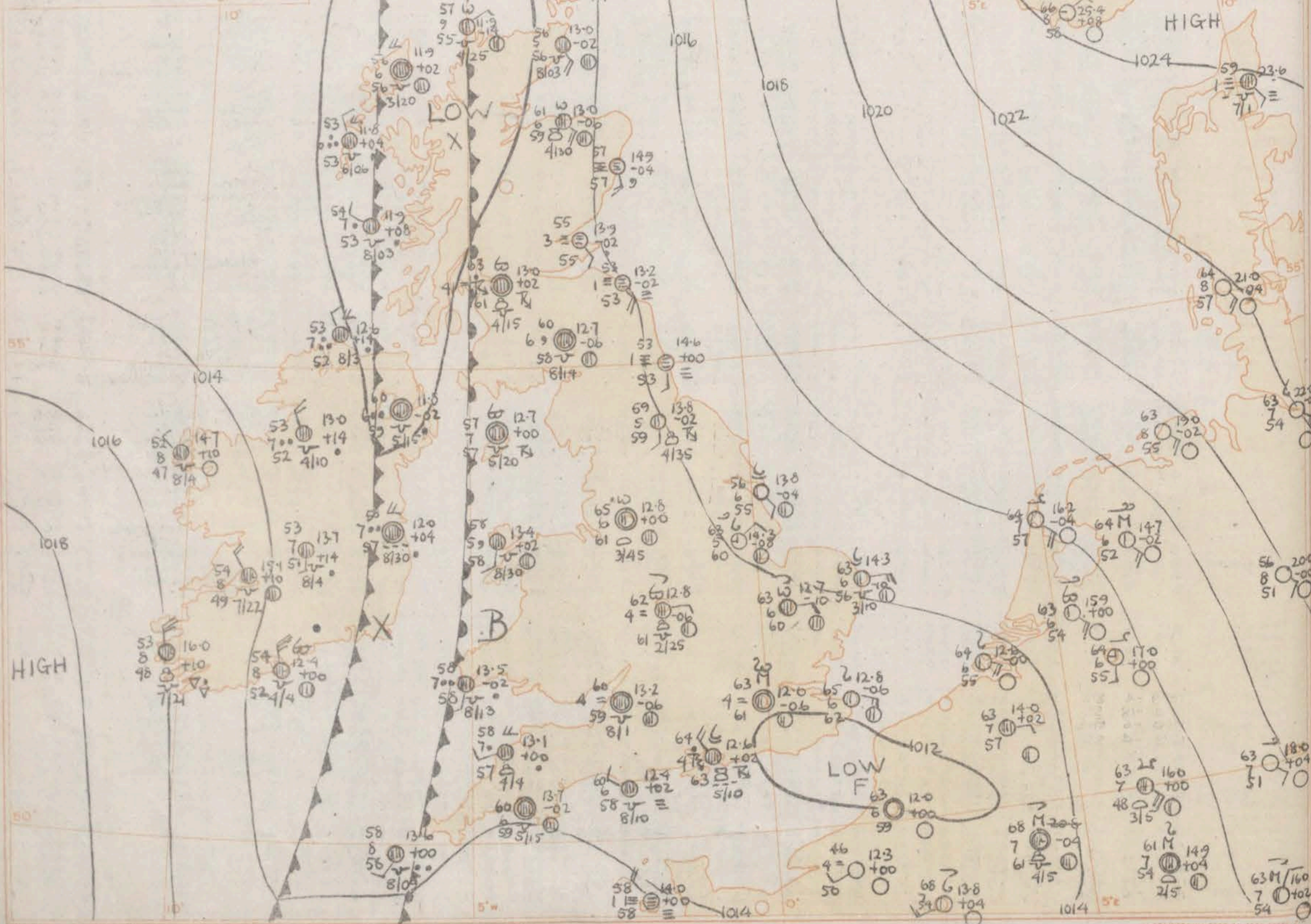
1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-15h 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	bmwby	bzoy	bzomw	79	61	52	-	-	12.4	61	97
Croydon	bzo	bczobz	bczofg	81	60	54	-	-	12.6	61	97
Greenwich	b	boby	bbcum	78	61	52	-	TR	11.5	55	71
Westminster	.	.	.	79	64	61	-	-	.	57	77
Regents Park	.	.	.	80	62	58	-	-	.	53	68
Canons Square	b	bc	.	81	63	57	-	-	.	.	71
Kensington	b	b	.	81	62	55	-	-	.	65	81
Hampstead	bc	bc	bc	77	61	54	-	-	.	.	75

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 5h. Max 02 Time 15h Min. 401 Time 10-12h



GENERAL INFERENCE
A complex trough of low pressure will move slowly eastwards giving thundery rain or thunderstorms and bringing cooler conditions to most districts. Some improvement will occur in western districts during the period.

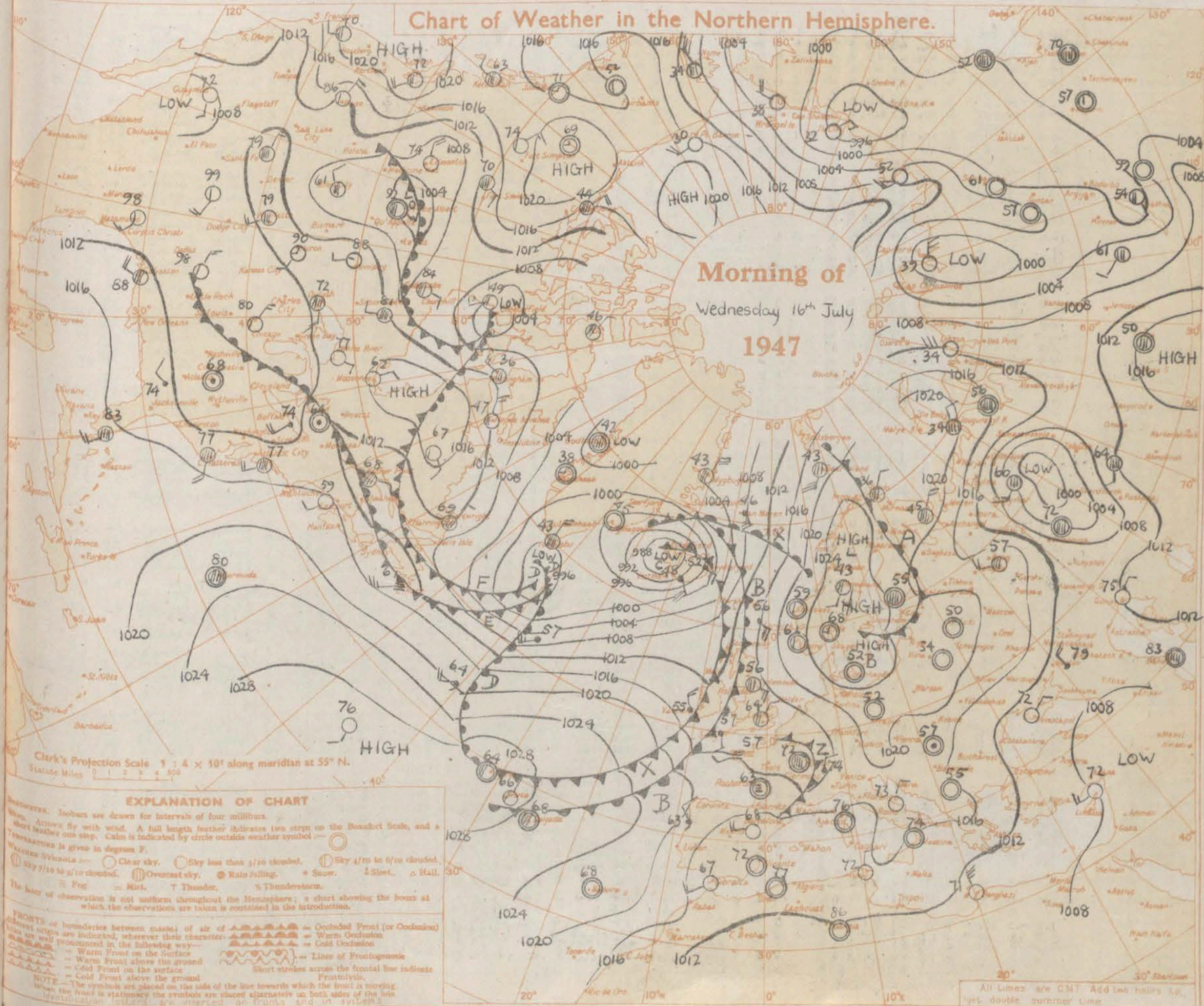
FURTHER OUTLOOK
Dull with some thundery rain in eastern districts at first, becoming fair. Rain spreading to western districts.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 16th July

1947



[illegible]

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

* Information not usually received.

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

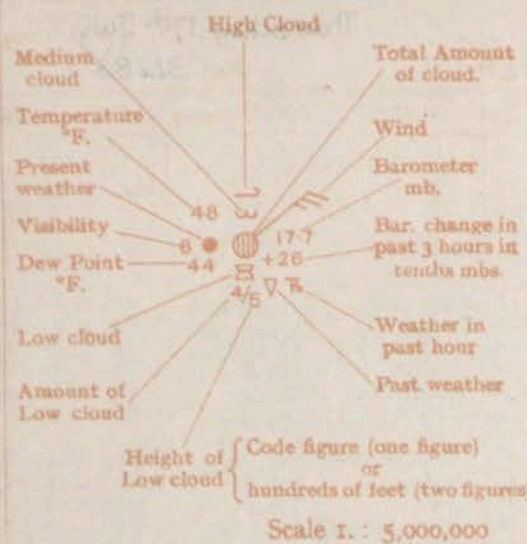
OBSERVATIONS at 18h. G.M.T. 16th July

OBSERVATIONS during DAY

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

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

STATION MODEL



6th Thursday 17th July

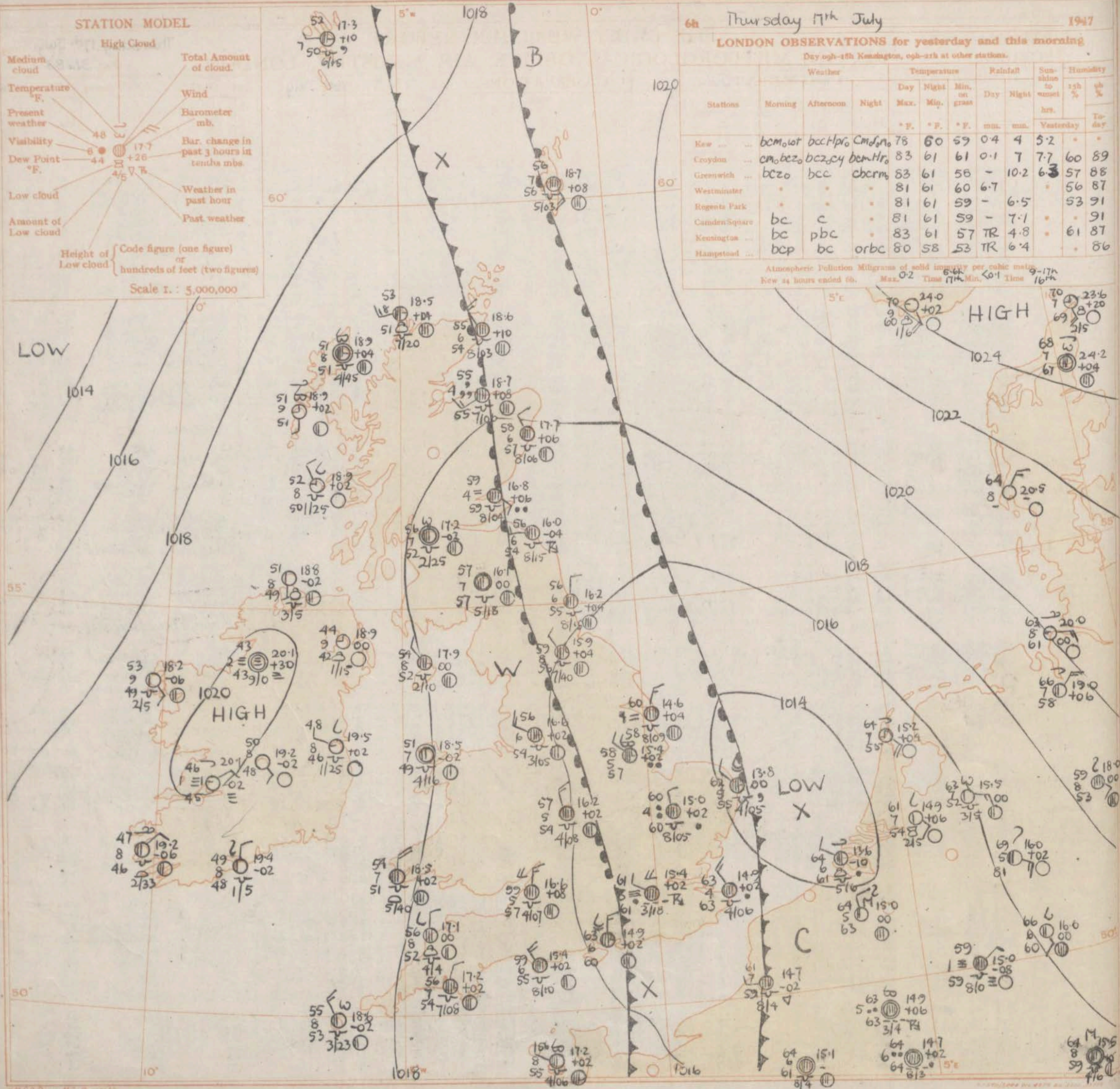
1947

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.		1st %	2nd %
Kew	bcm, lot	bcc, Hpr	cm, f, n	78	60	59	0.4	4	5.2		
Croydon	cm, bcz	bcc, cy	bcm, Hr	83	61	61	0.1	7	7.7	60	89
Greenwich	bczo	bcc	chcrms	83	61	56	-	10.2	6.3	57	88
Westminster				81	61	60	6.7			56	87
Regents Park				81	61	59	-	6.5		53	91
Camden Square	bc	c		81	61	59	-	7.1			91
Kensington	bc	pbc		83	61	57	TR	4.8		61	87
Hampstead	bcp	bc	orbc	80	58	53	TR	6.4			86

Atmospheric Pollution: Milligrams of solid impurity per cubic metre. New 24 hours ended 6h. Max. 0.2 Time 5-6h Min. 0.1 Time 9-17h 16h



A coast slowly peeling Britain, there grow morning before with

Clark's Standard
 THE HOUR OF
 NOTE: When a

1947	
ing	
Humidity	
1st %	2nd %
Day	Ton-day
60	89
57	88
56	87
53	91
	91
61	87
	86
23.6	
28	
215	
24.2	
104	
190	
106	
2180	
59	
53	
50	
64	
155	
716	

GENERAL INFERENCE
A complex trough of low pressure is almost stationary along the east coast, while a feeble wedge of high pressure over Ireland is collapsing slowly before the advance of a trough on the Atlantic. There will be bright periods in west coast districts of Britain, but in the Midlands and East Britain it will be dull with periods of thundery rain and scattered thunderstorms, and there will be local fog on the coasts and over high ground. Some fog will occur late in the night and at first tomorrow morning in west coast districts and in Northern Ireland but will clear before noon. In Northern Ireland it will become cloudy late tomorrow morning with occasional rain. It will be rather warm and close in many districts.

FURTHER OUTLOOK
A thundery southerly type continuing in the Midlands and East Britain. Low cloud and rain from the Atlantic trough spreading slowly east across west and north west Scotland.

Chart of Weather in the Northern Hemisphere.

Morning of
Thursday 17th July
1947

Clark's Projection Scale 1 : 4 x 10⁴ 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 by with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circles outside weather symbol.
TEMPERATURE. Temperature is given in degrees F.
WEATHER SYMBOLS. ☉ Clear sky. ☁ Sky less than 1/20 clouded. ☁ Sky 1/20 to 6/10 clouded. ☁ Sky 7/10 to 9/10 clouded. ☁ Overcast sky. ☔ Rain falling. ☄ Snow. ⚡ Lightning. ⚡☔ Thunderstorm. ☁☔ 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. Isobars are drawn on fronts and in systems.

All times are GMT. Add two hours to get double summer time.

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

* Information not usually received.

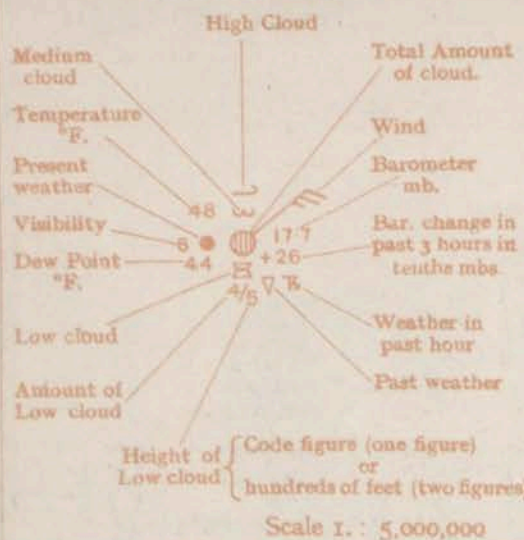
‡ Second figure in col. (33) gives depth of snow in inches.

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

† See footnote p. 4.

STATION MODEL



6h

Friday 18th July

1947

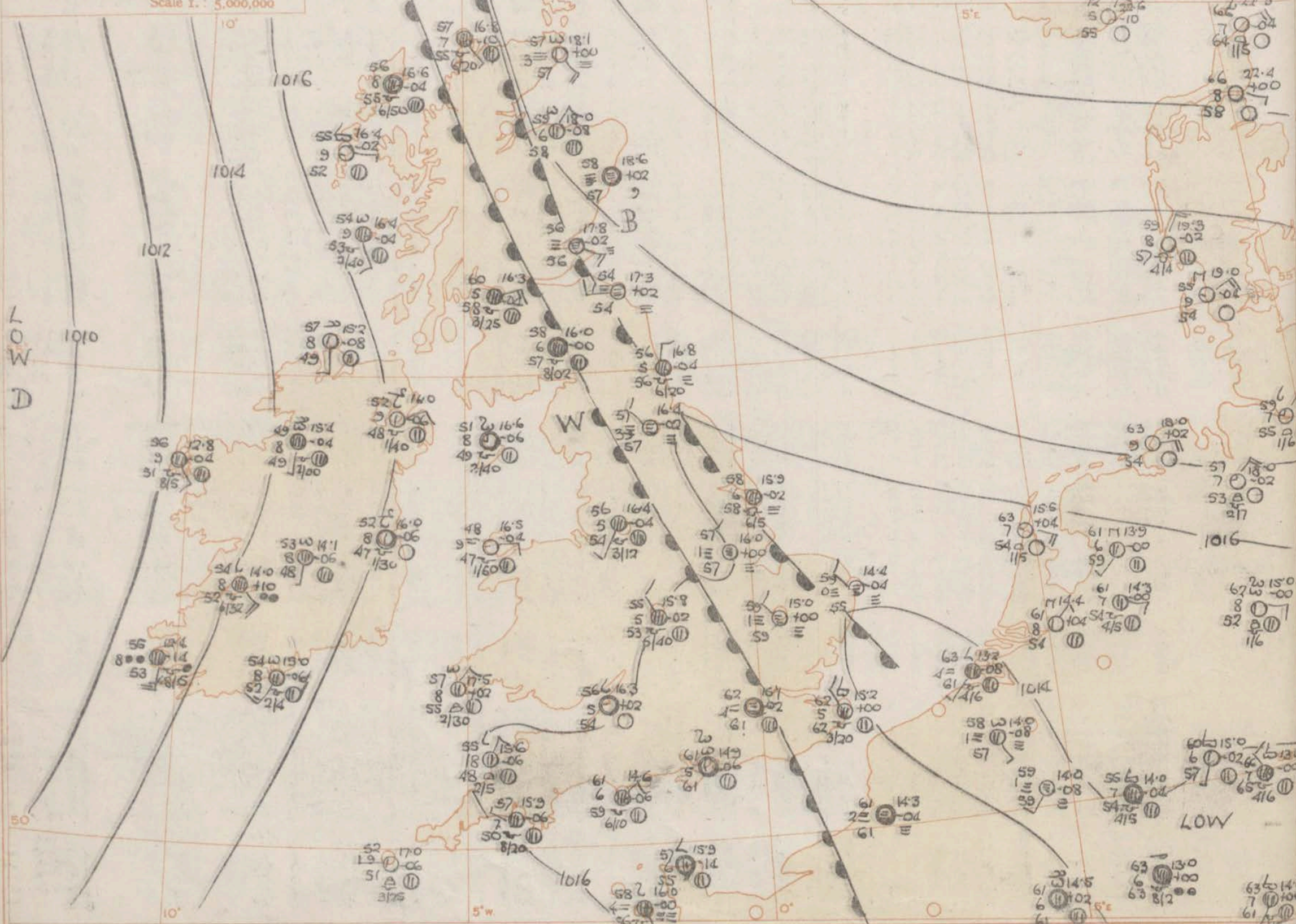
LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	6h %	To-day
Kew ...	cr	cr	cr	69	62	61	4	2	0.1			
Croydon ...	cr	cr	cr	69	61	59	5	0.3	0.0	67	85	
Greenwich ...	cr	cr	cr	68	62	60	0.5	0.3	0.0	87	79	
Westminster ...				70	62	61	35.5			83	81	
Regents Park ...				68	62	61	-	28.1		79	81	
Camden Square ...	cr	cr		68	63	61	2.3	12.2			87	
Kensington ...	bc	cr		69	62	61	7.3	28.1		95	89	
Hampstead ...	bc	cr	cr	66	57	57	0.7	15.7			88	

Atmospheric Pollution Milligrams of solid matter per cubic meter

Kew 24 hours ended 6h. Max 0.2 Time 18.1 Min 0.1 Time 17.4



1947

18

Humidity

gh %

To-day

ay

To-day

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To-day

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To-day

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To-day

ay

To-day

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To-day

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To-day

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GENERAL INFERENCE

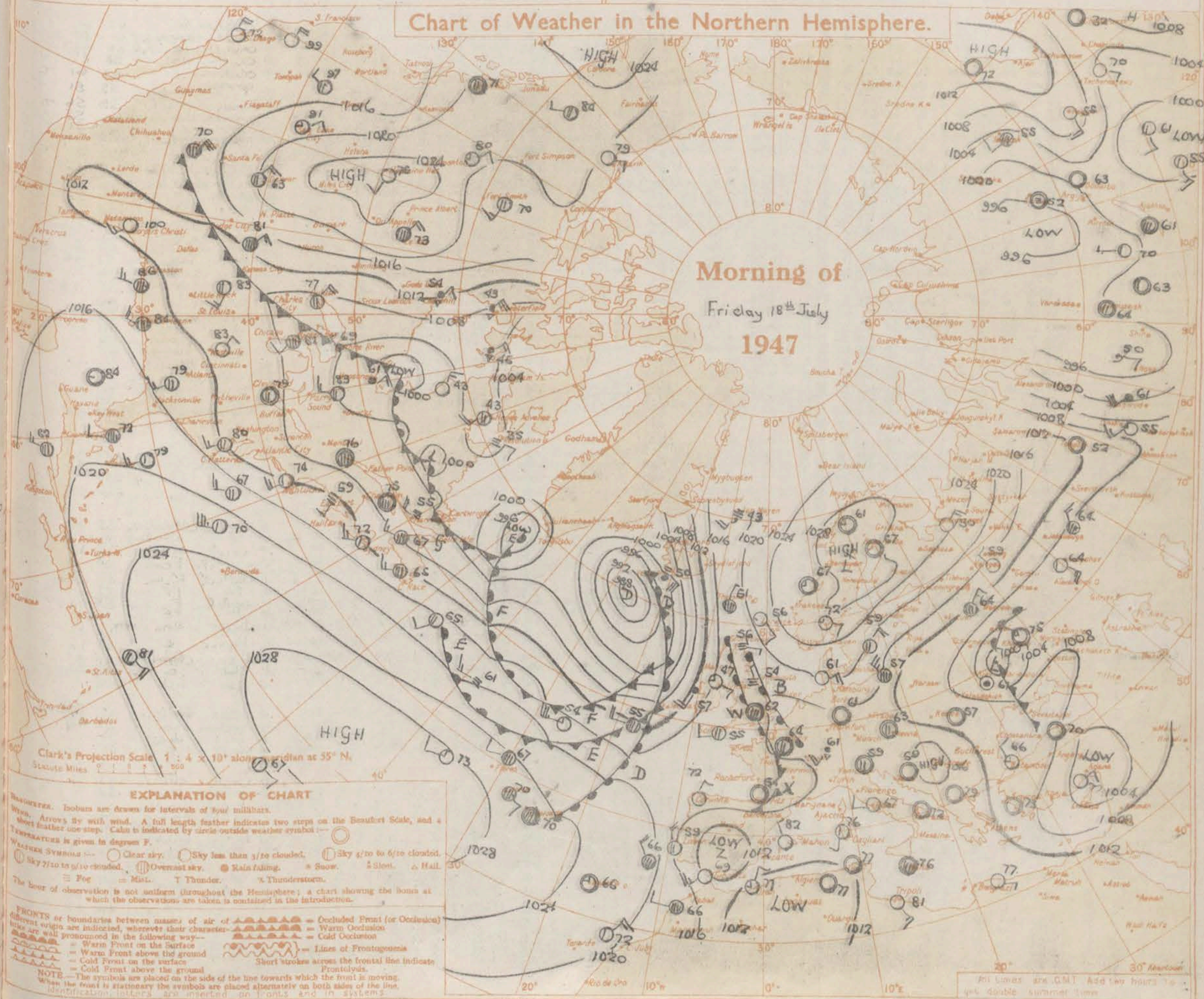
Pressure is almost uniform over British Isles. There will be patches of low cloud and coast fog near the East coast and some local thunderstorms in England and Wales, but considerable fair periods will occur over the country. There will be some rain in North Ireland tonight spreading to northwest Scotland by tomorrow morning and widespread mist and fog will form in central and eastern districts tonight, clearing slowly tomorrow forenoon. Rather cool in the West but warm and close in central and eastern districts.

FURTHER OUTLOOK

Close thundery conditions continuing in England. Occasional rain in Western Scotland.

Chart of Weather in the Northern Hemisphere.

Morning of
Friday 18th July
1947



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Friday 18th July

No. 31284

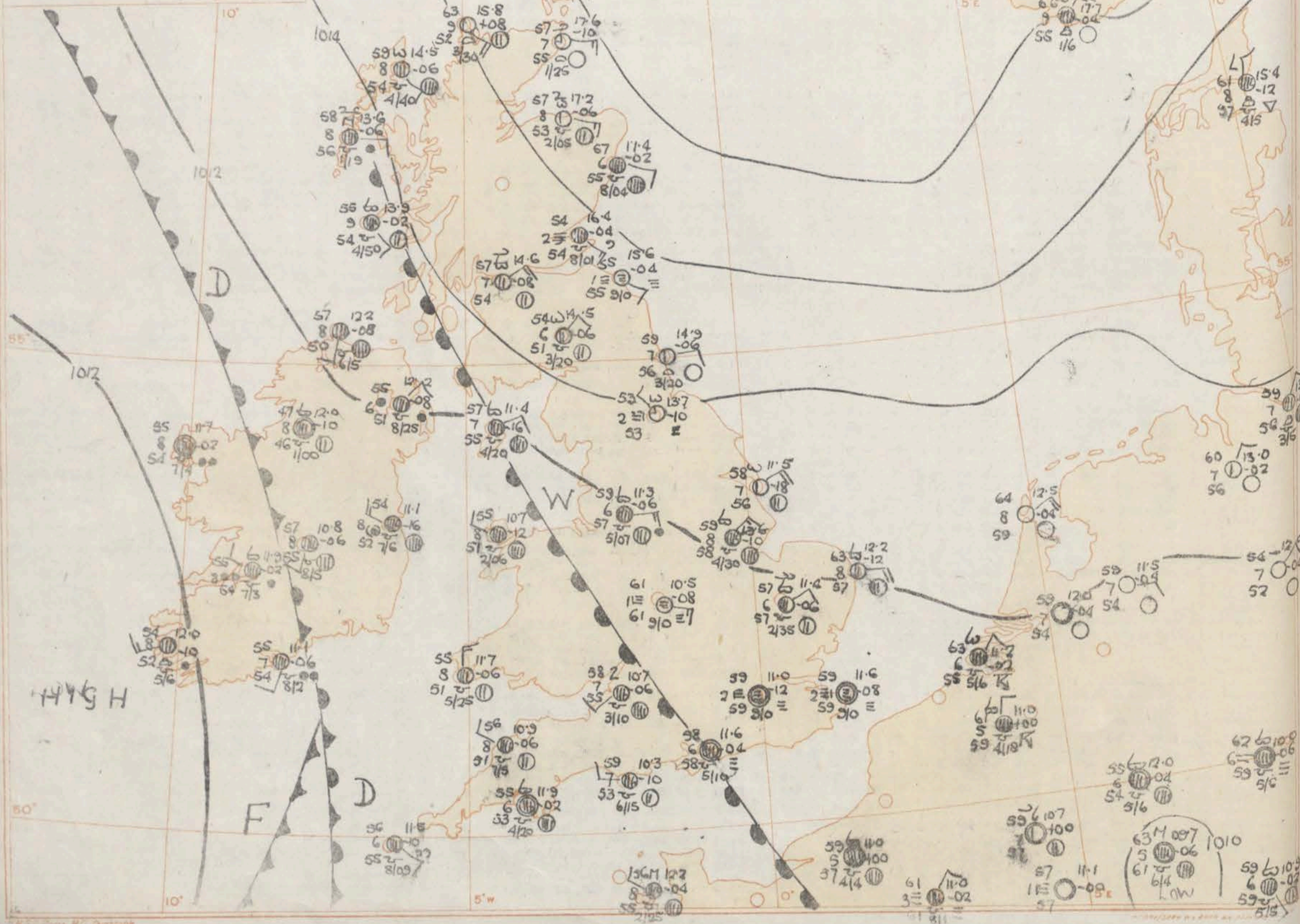
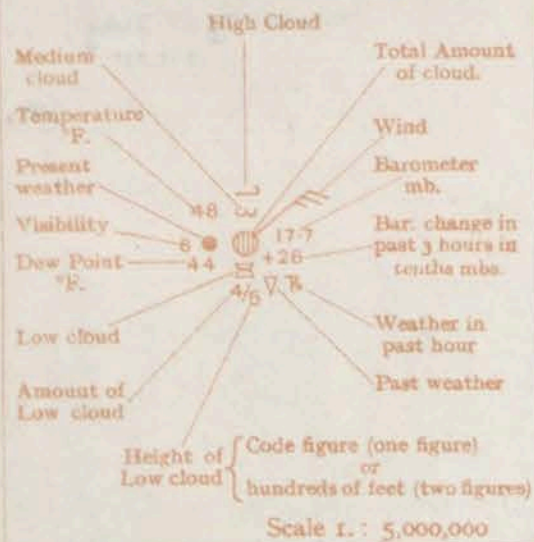
[illegible]

* Information not usually received

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

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

STATION MODEL



6h

Saturday 19th July

1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperatures			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		% Yesterday	% To day
Kew	emo	crlema	fmdw	73	60	54	3	-	1.6	-	-
Croydon	onbc20	blsrs	bcwf	72	53	53	0.5	-	0.8	75	85
Greenwich	emo	cbema	hemcf	73	60	51	2.3	-	0.1	73	79
Westminster	.	.	.	74	61	59	1.3	-	.	71	82
Regents Park	.	.	.	74	62	59	1.6	-	.	87	84
Camden Square	c	b	.	73	62	57	1.3	0.1	.	.	81
Kensington	cbcc	ccv	.	73	61	55	0.1	0.1	.	83	78
Hampstead	cord	bc	ambc	72	59	55	-	0.5	.	.	88

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

110°
100°
90°
80°
70°
60°
50°
40°
30°
20°
10°
0°
-10°
-20°
-30°
-40°
-50°
-60°
-70°
-80°
-90°
-100°
-110°
-120°
-130°
-140°
-150°
-160°
-170°
-180°

Antarctica
Africa
Asia
Europe
North America
South America
Australia
Oceania
Arctic
Antarctic

London
Paris
Berlin
Rome
Moscow
New York
Los Angeles
San Francisco
Chicago
Houston
Phoenix
Dallas
San Antonio
Austin
Fort Worth
Columbus
Indianapolis
Cincinnati
Cleveland
Detroit
Milwaukee
Minneapolis
St. Paul
Chicago
St. Louis
Kansas City
Omaha
Lincoln
Denver
Salt Lake City
Phoenix
Las Vegas
Albuquerque
San Diego
Los Angeles
San Francisco
Seattle
Portland
Tacoma
Vancouver
Calgary
Edmonton
Ottawa
Montreal
Quebec
Halifax
St. John's
Victoria
Nanaimo
Vancouver
Seattle
Portland
Tacoma
Vancouver
Calgary
Edmonton
Ottawa
Montreal
Quebec
Halifax
St. John's

FRONTS
WINDS
TEMPERATURES
WEATHER SYMBOLS
SKY SYMBOLS
THE HOUR OF
NOTES

1947

Aug

Humidity

5th

To-day

75 85
73 79
71 82
87 84
81
83 78
88

15.4
12
415

59
7
56
316
13.0
02

54
7
52

62 6100
59 506
56 516

59 6103
56 502
53 515

GENERAL INFERENCE

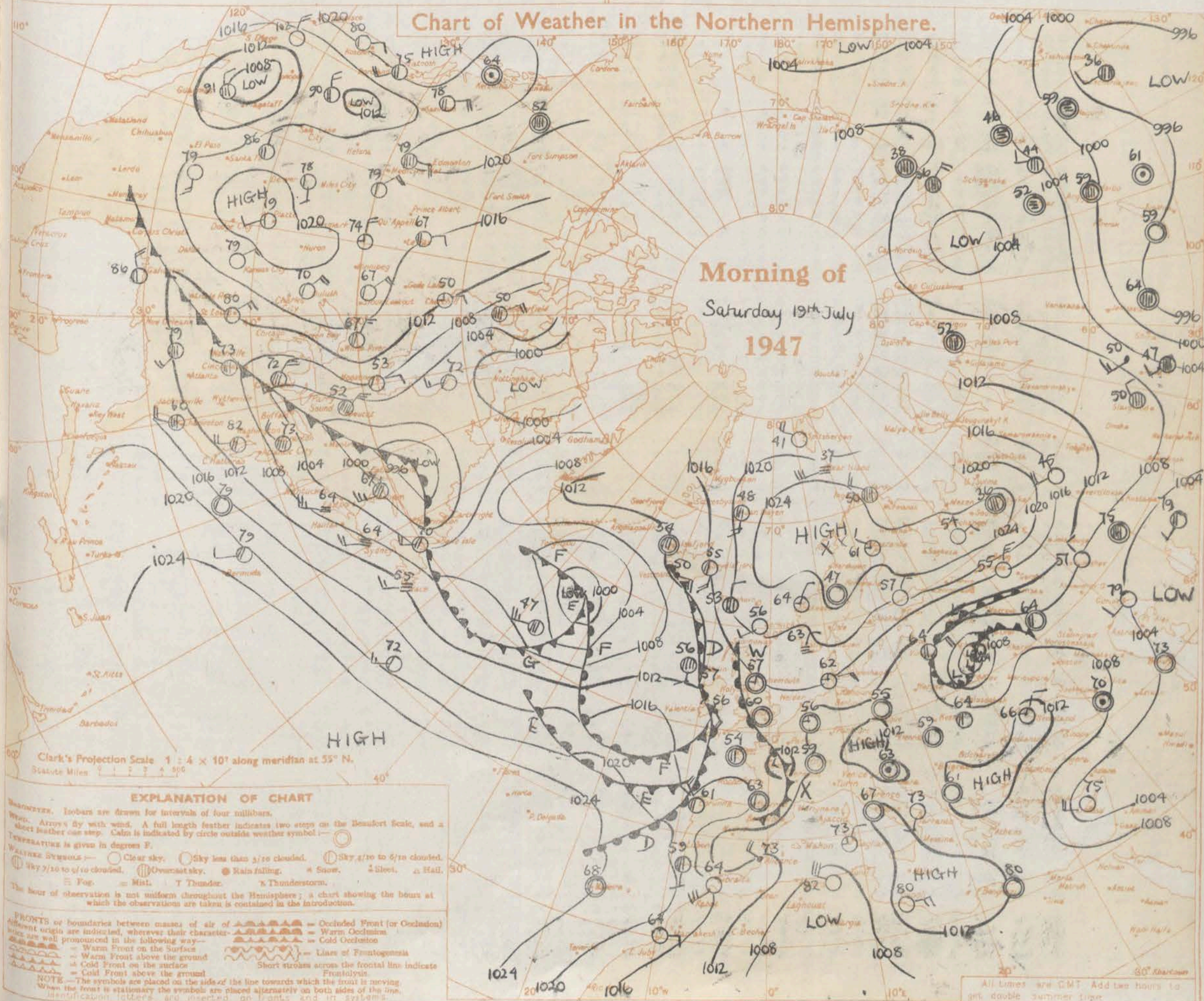
Pressure is comparatively uniform over central and southern districts of the British Isles and a weak frontal trough over central Ireland is moving slowly eastwards. The air mass over the country is moist and unstable. Thunder outbreaks will occur locally in most districts but there will be some bright periods in eastern districts of England and Scotland. It will be hazy over the Midlands and east England with extensive fog forming during the night, and there will be coastal fog along east Scotland. It will be rather warm and close.

FURTHER OUTLOOK

Similar at first in eastern districts; rain spreading to southwestern districts, and possibly later to eastern districts.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 19th July
1947



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

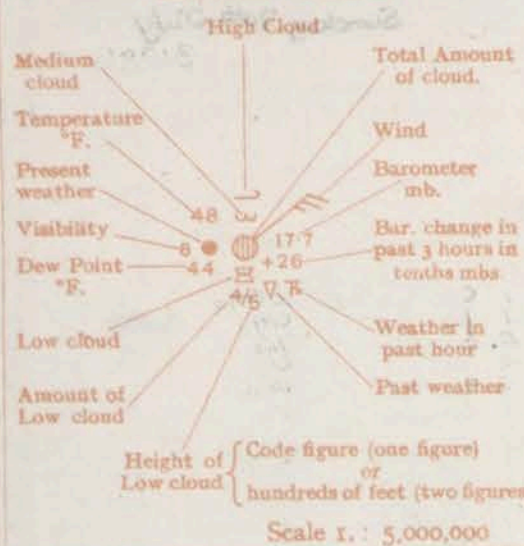
OBSERVATIONS at 12h. G.M.T. 19th July

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

OBSERVATIONS during DAY (19th)

Station.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visiblity.	Cloud.				Height of Base Hundredths of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Dew Point.	Visiblity.	Cloud.				Height of Base Hundredths of feet.	State of Ground.	Weather.				Max. Temp. 24h. °F.	Sun- shine Hrs. (17)	Rain 24h. inches (18)																																																																	
			Dir.	Force.					Low.	Med.	High.	Total.				A.	B.					Dir.	Force.	Low.	Med.			High.	Total.	A.	B.				Dir.	Force.	Low.	Med.	High.	Total.	A.	B.	Dir.	Force.	Low.	Med.	High.	Total.	A.	B.																																																	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)

STATION MODEL



HIGH

6th Sunday 20th July

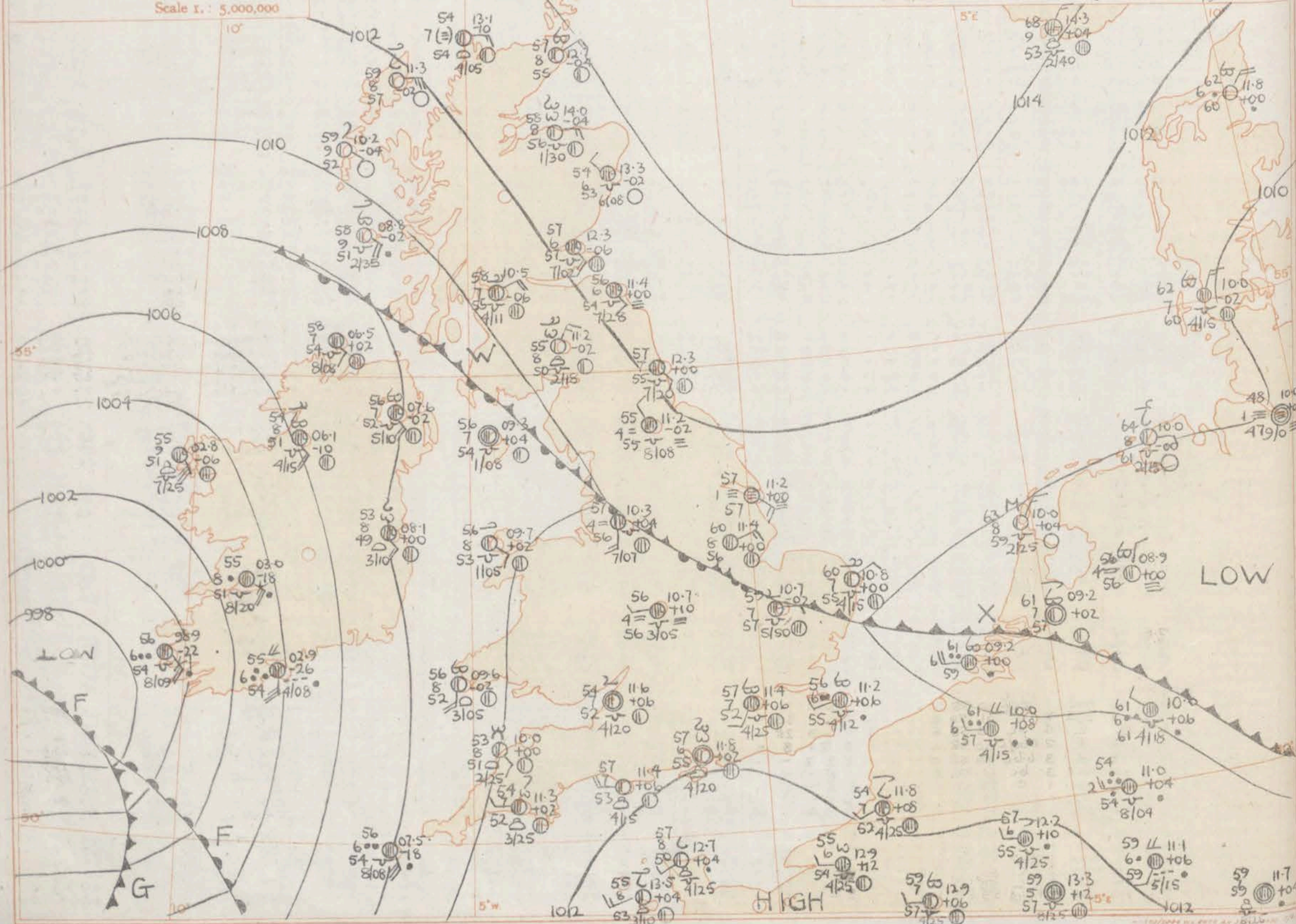
1947

LONDON OBSERVATIONS for yesterday and this morning

Day 00h-12h Kensington, 00h-12h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.		Yesterday	To-day
Kew ...	cm, wbc	bccm, Hprcw		73	57	55	1	-	2.7		
Croydon ...	fbcm, c	ccm, c2cm, c		74	56	55	TR	-	4.9	55	75
Greenwich ...	bccm, c	cr, r, rc		77	56	54	0.3	2.0	3.4	81	73
Westminster				75	57	57	1.5			75	77
Regents Park											
Canalen Square	c	c		73	58	56	-	4.1			90
Kensington ...	bc	bc		77	57	55	-	0.8		87	77
Hampstead ...	bcor	or	c	73	60	55	TR	-			78

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 19h Min. 0.1 Time 15-24h 19h



GENERAL INFERENCE

A depression off Southwest Ireland is moving southeast and a trough of low pressure will move northeast across our southwestern districts. Weather will be fair today in Southeast England, the Midlands and parts of East England. Fair weather will predominate in England north of a line Mersey to the Wash and in Scotland, but there will be scattered thundery showers and thunderstorms. Fog will occur at times in NE. England and E. Scotland. Dull conditions with rain at times will spread slowly northeast across our southwestern districts today and by tomorrow morning will have reached much of SE. England and possibly S.W. Scotland. Weather will be cloudy in Northern Ireland with rain at times. It will be rather cool in southwestern districts and rather warm elsewhere.

FURTHER OUTLOOK

Unsettled. Occasional thundery rain or showers in many districts, with local thunderstorms. Fair over most of Scotland.

Late warning: South coasts are flying on all coasts west of a line Aberystwyth to Portsmouth.

Chart of Weather in the Northern Hemisphere.

Morning of

Sunday 20th July

1947



Clark's Projection Scale 1 : 4 x 10⁶ along meridian at 55° N.
Statute Miles 0 100 200 300 400

EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.
WIND. Arrows by with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS. — Clear sky. — Sky less than 1/10 clouded. — Sky 1/10 to 2/10 clouded. — Sky 3/10 to 4/10 clouded. — Sky 5/10 to 6/10 clouded. — Sky 7/10 to 8/10 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.
The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way—
— Warm Front on the surface
— 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 two hours 1.0 for double summer time.

OBSERVATIONS Saturday NIGHT

[illegible]

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

* Information not usually received.

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

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

OBSERVATIONS during DAY 2015

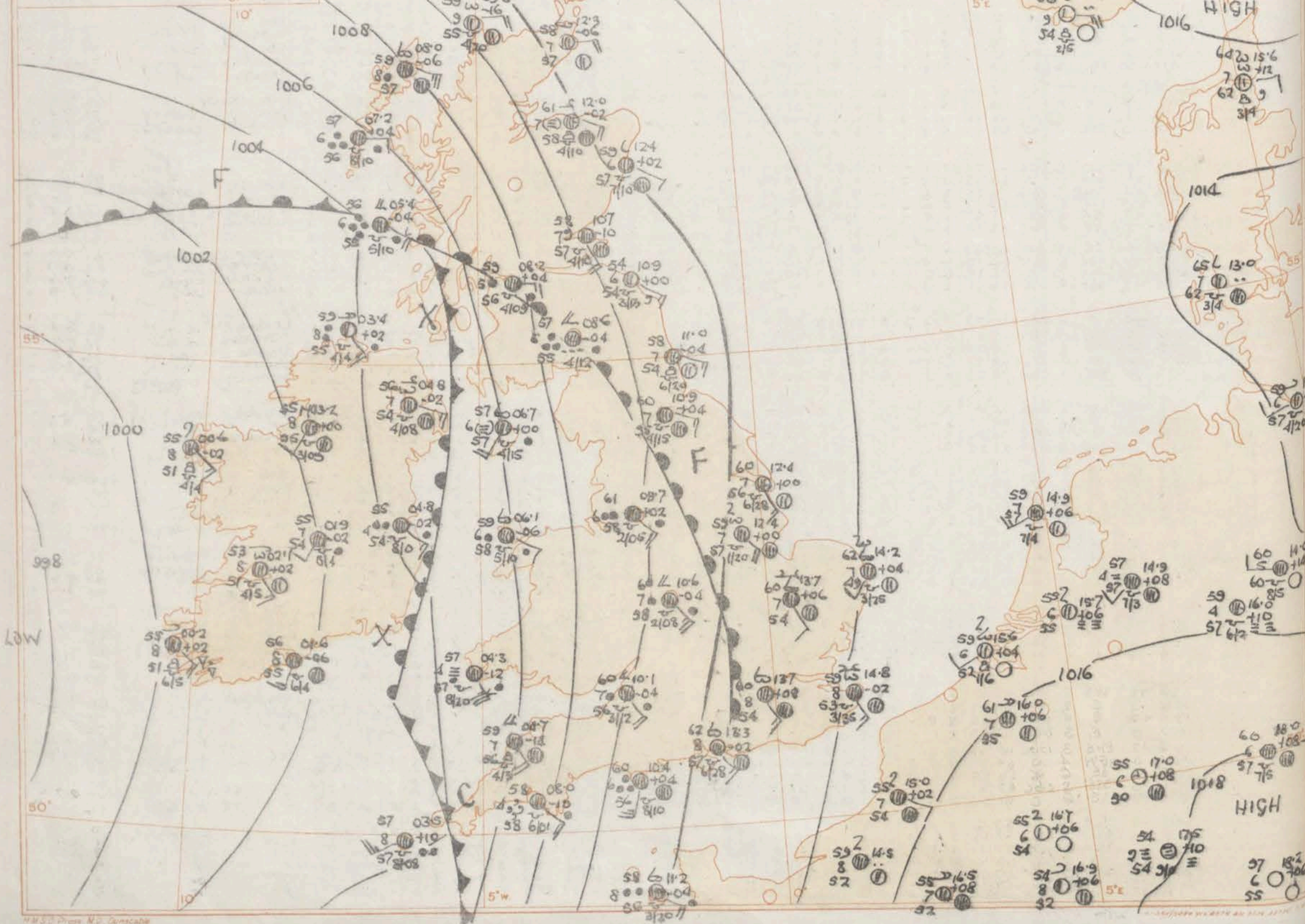
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30)

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

Diagram illustrating a METEOROLOGICAL CODE. The code is represented by a central circle containing the following values: 46, 8, 17.7, 26, 4.4, 4/5. Lines radiate from the circle to various weather parameters:

- High 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)
- Amount of Low cloud
- Low cloud
- Dew Point °F.
- Visibility
- Present weather
- Temperature °F.
- Medium cloud

Scale 1. : 5,000,000



Monday 21st July

1917

LONDON OBSERVATIONS for yesterday and this morning

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

Day 09h-10h Kensington, 19h-22h at other stations											
Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		25h %	24 %
				Max.	Min.		mm.	mm.	hrs.		
					° F.	° F.	° F.			Yesterday	To- day
Kew ...	cwbc	bccy	gyc	70	60	36	-	-	7.4	*	*
Croydon ...	cbccy	cybcy	gyc	72	59	57	-	-	8.4	55	75
Greenwich ...	c	cbc	bcc	75	57	51	-	-	4.2	57	70
Westminster	*	*	*	73	60	57	-	-	*	29	73
Regents Park	*	*	*	73	60	57	-	-	*	54	72
Camden Square	c	bc	*	74	60	56	-	-	*	*	70
Kensington ...	dac	bc	*	75	60	55	-	-	*	49	70
Hampstead ...	bc	bc	bc	72	58	51	-	-	*	*	71

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
 Kew 24 hours ended 6h. Max. 10.1 Time whole of period.

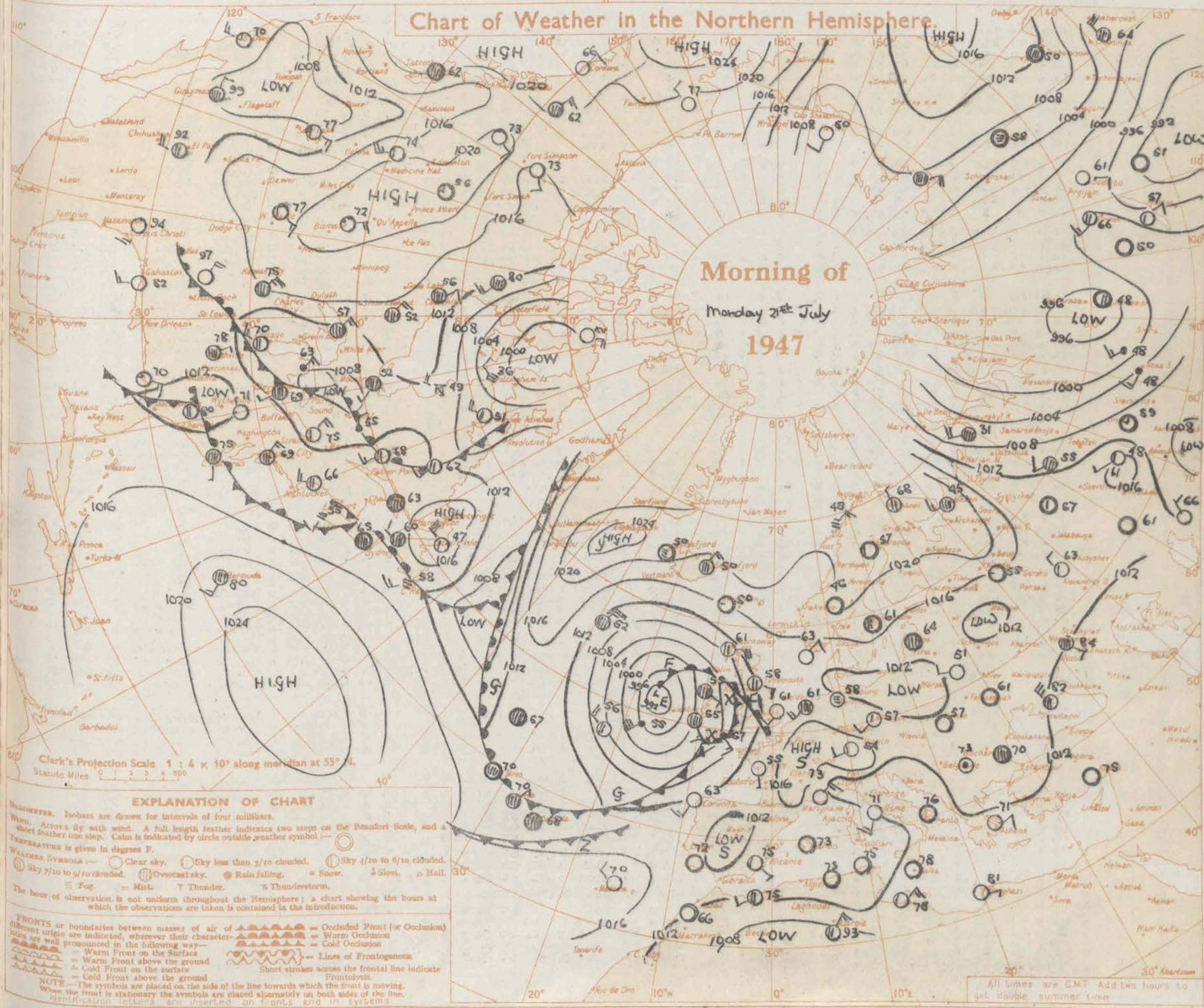
M.M.S.D. Press, M.D., Carmichael

GENERAL INFERENCE
An almost stationary depression is situated to the west of Ireland with a wedge of high pressure over eastern France and western Germany. It will be cloudy in most districts of Great Britain and in northern Ireland at first with occasional rain, mainly in western and northern districts. In the east and southeast of England however there will be some fair periods. Over the remainder of Ireland there will be occasional showers with some bright periods and fairer conditions may spread temporarily into southwest England, Wales and northern Ireland. It will be mainly rather warm.

FURTHER OUTLOOK
Unsettled with some rain at times. Mainly rather warm.

Chart of Weather in the Northern Hemisphere

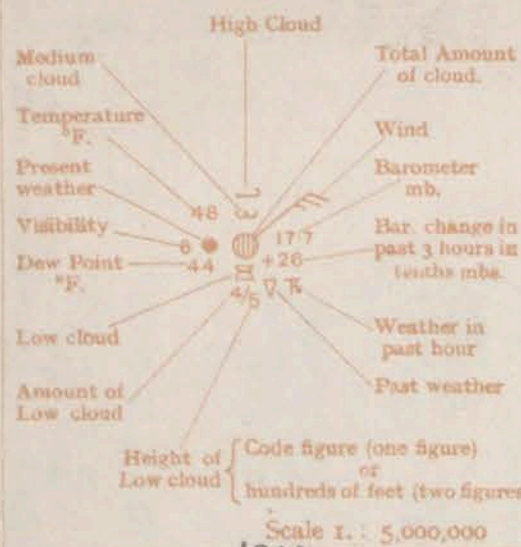
Morning of
Monday 21st July
1947



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

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

STATION MODEL



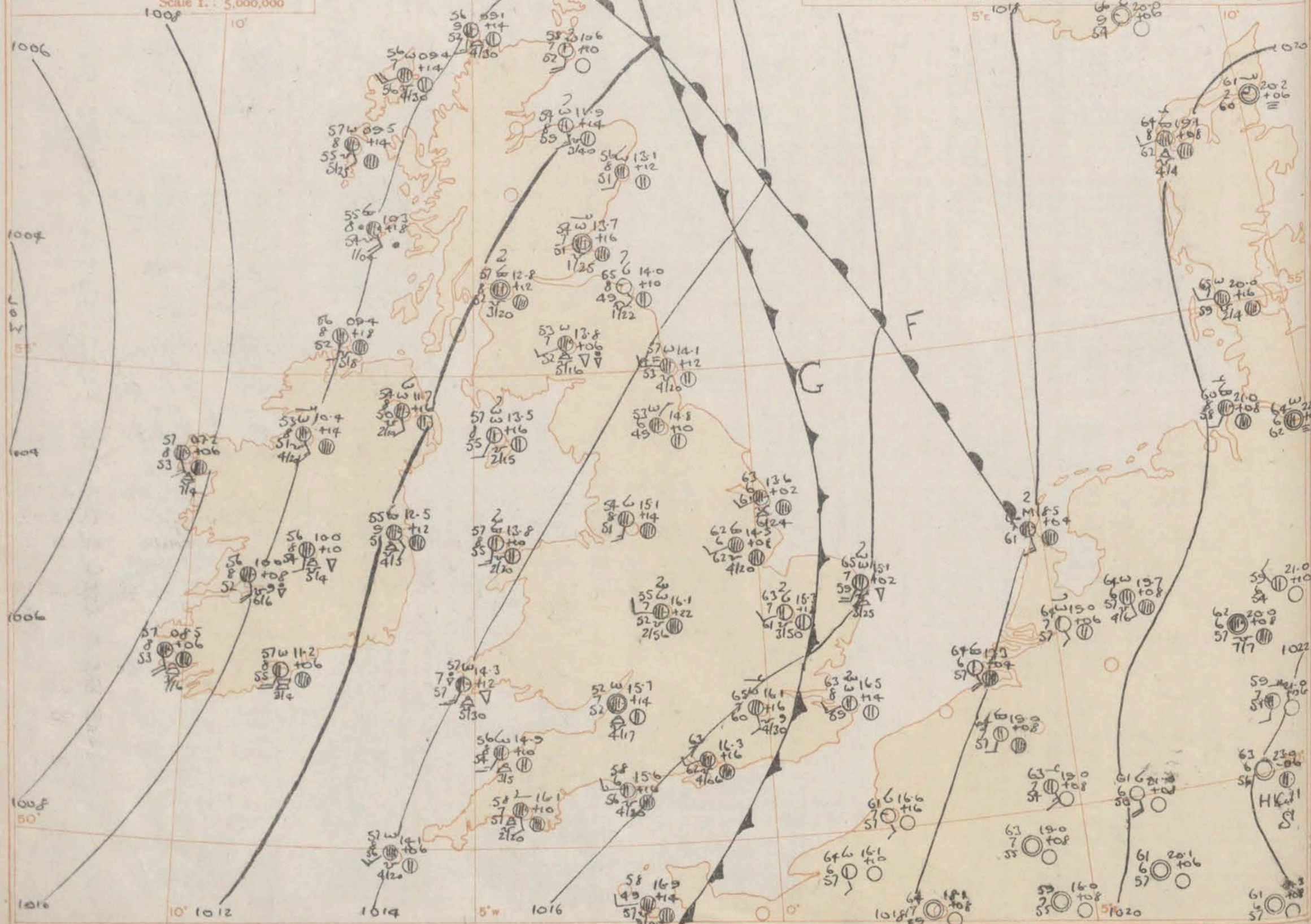
6h Tuesday 22 July 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Max.	Min.	Min. on ground	Day	Night		Yesterday	To-day
Kew ...	cir.	cir.	compu	73	62	58	T	-	0.5		
Croydon ...	cir.	c	ch	74	61	61	T	-	0.8	60	75
Greenwich ...	cir.	cir.	ch	75	62	52	T	-	1.3	58	66
Westminster ...	.	.	.	74	62	60	0.1	.	.	54	75
Regents Park ...	.	.	.	74	64	59	T	-	.	59	73
Cannden Square ...	c	c	.	74	64	59	T	-	.	.	74
Kensington ...	bc	bc	.	75	63	57	0.1	-	.	53	77
Hampstead ...	bc	bc	bc	72	62	51	-	-	.	.	81

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. Time 4.16 PM 20.0 Time rest of period



A few
away
station
and late
over the
chiefly in
districts

110°

Windsor
London
Reading
Birmingham
Manchester
Liverpool
Cardiff
Belfast
Glasgow
Edinburgh
Newcastle
Sheffield
Leeds
Bristol
Exeter
Plymouth
Falmouth
Dorchester
Bournemouth
Poole
Weymouth
Dover
Folkestone
Margate
Brighton
Hove
Luton
St Albans
Watlington
Banbury
Oxford
Reading
Basingstoke
Andover
Salisbury
Tisbury
Milton Keynes
Stevenage
Hemel Hempstead
Uxbridge
Slough
Reading
Basingstoke
Andover
Salisbury
Tisbury
Milton Keynes
Stevenage
Hemel Hempstead
Uxbridge
Slough

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

0°

10°

20°

30°

40°

50°

60°

70°

80°

90°

100°

110°

120°

130°

140°

150°

160°

170°

180°

190°

200°

210°

220°

230°

240°

250°

260°

270°

280°

290°

300°

310°

320°

330°

340°

350°

360°

GENERAL INFERENCE

A feeble trough of low pressure over the eastern seaboard is moving away slowly eastwards, and a depression to the west of the British Isles is almost stationary. Another depression to the north of the Azores is moving eastwards and later may turn northeast towards the British Isles. It will be mainly rain over the British Isles with bright intervals, but scattered showers may occur chiefly in the West. There will be local fog tomorrow morning in eastern districts and the Midlands. It will be rather warm.

FURTHER OUTLOOK

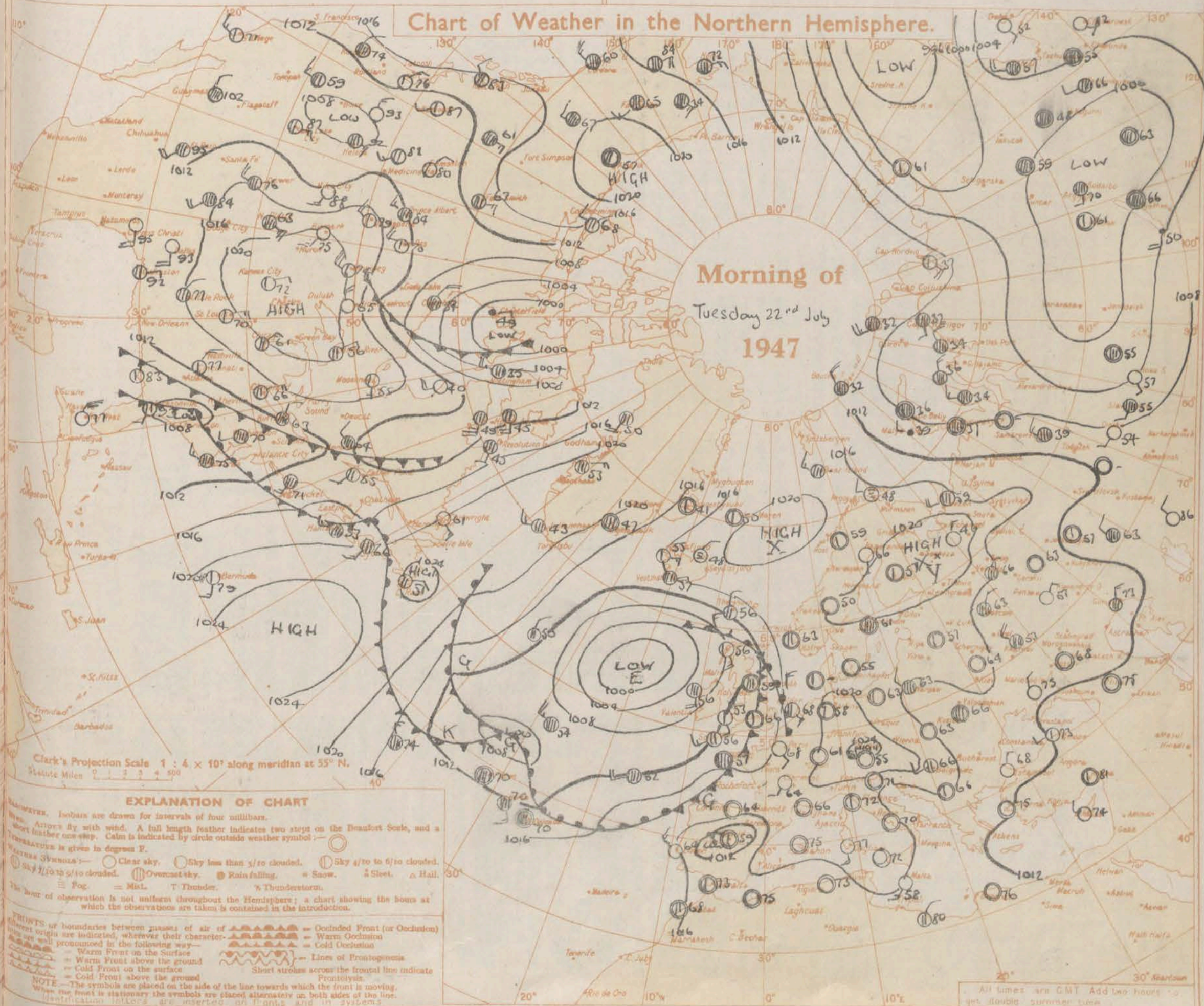
Rain likely to spread slowly northwards across all western districts, and may later extend to eastern districts. Slow change likely to thunders conditions over the British Isles.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 22nd July

1947



EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 5/10 clouded. ○ Sky 5/10 to 6/10 clouded. ○ Sky 7/10 to 8/10 clouded. ○ Overcast sky. ● Rain falling. * Snow. △ Sleet. ▲ Hail. ☼ Fog. = Mist. T Thunder. * Thunderstorm.

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

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- Warm Front above the ground
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- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Progeny
- 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 two hours for double summer time.

Page 4		THE DAILY WEATHER REPORT																		TUESDAY July 22 1947				No. 31288																	
BRITISH SECTION		OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.																																							
		OBSERVATIONS at 00hr. G.M.T. 22nd July																		OBSERVATIONS at 06hr. G.M.T. 22nd July																		OBSERVATIONS NIGHT			
District.	Stations.	Height above sea level in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point.	Visibility.	Cloud.			State of Ground.	Weather.		Temperature		Rain													
					Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.			Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.		at 00hr.	at 06hr.	Min. at 00hr.	Max. at 06hr.														
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)													
1	Kew	212	30.0	+6	-	0	bc	66	59	7	4	3	3	16.1	+16	SW	1	mo	65	62	6	5	1	5	3	3	62	58	-												
	Croydon	280	30.0	+6	-	0	bc	66	59	7	4	3	3	16.1	+16	SW	2	bc	65	60	7	5	3	4	4	3	61	61	-												
	8 Paraborough	427	30.0	+6	-	0	bc	61	61	5	5	2	8	5	8	4	15	16.2	+18	WNW	2	mo	58	58	6	5	7	1	58	58	0.1										
	Calshot	8	30.0	+8	SSW	2	bc	67	59	8	8	-	8	4	4	20	40	16.0	+14	SW	2	bc	60	58	8	5	7	1	60	57	0										
	Tangmere	53	30.0	+8	-	0	bc	61	60	7	5	3	2	4	2	3	50	-	16.3	+16	WSW	2	bc	63	62	7	5	7	1	63	58	-									
2	Lymington	341	30.0	+2	SE	4	bc	65	59	8	7	1	3	2	2	-	-	16.4	+14	-	3	bc	61	59	8	-	3	1	59	56	-										
	Manston	140	30.0	+2	SE	3	bc	64	61	8	7	1	5	3	4	-	-	16.5	+14	SW	3	bc	63	59	8	-	4	2	63	60	-										
	Shanodycross	47	30.0	+2	SE	3	bc	64	61	8	7	1	5	3	4	-	-	16.4	+12	WSW	1	bc	64	60	7	-	4	3	63	53	TR										
	Folkestone	10	30.0	0	SE	5	bc	68	62	7	-	7	-	6	6	-	59	-	15.4	+10	SW	2	bc	67	62	7	-	4	3	62	61	-									
	Gorleston	5	30.0	0	SE	4	bc	66	61	7	-	-	-	0	0	0	-	-	15.1	+2	SSW	4	bc	65	59	7	7	5	5	64	-	TR									
3	Middlehall	75	30.0	-4	SSW	2	bc	66	61	7	5	-	2	4	4	4	4.5	-	15.3	+18	WSW	1	bc	63	61	7	5	4	6	63	58	0.1									
	West Raynham	260	30.0	-4	SE	4	bc	66	59	7	5	7	-	7	4	7	35	-	14.7	+10	S	2	bc	64	61	7	5	7	1	64	60	0.2									
	Waddington	235	30.0	-2	-	0	bc	61	60	7	5	7	-	8	3	8	30	72	14.5	+8	SW	2	mo	62	62	6	5	7	1	62	56	0.4									
	Cranfield	340	30.0	+4	WSW	1	bc	61	60	7	5	-	-	4	4	-	30	5	15.0	+14	SW	2	mo	61	61	5	5	8	4	60	56	0.4									
	Honiley	427	30.0	+2	SW	3	bc	60	60	7	5	-	-	8	5	8	17	25	16.1	+22	W	1	bc	55	52	7	5	5	9	62	48	1									
4	Little Rissington	731	30.0	+2	SSW	3	bc	59	58	5	5	-	-	8	9	8	10	15	16.5	+20	WN	1	bc	55	51	7	5	3	6	54	50	0.6									
	Dafford	58	30.0	+8	SSW	2	bc	59	57	7	5	-	-	7	7	-	26	-	16.3	+16	SSW	1	bc	53	52	7	5	3	5	5	5	52	45	0.1							
	Bristol	209	30.0	+4	-	0	bc	59	54	7	5	-	-	4	4	-	25	-	15.7	+14	-	0	bc	52	52	7	8	3	6	4	3	40	42	TR							
	Hardland Point	290	30.0	+8	S	3	bc	59	52	8	2	4	-	3	3	2	-	-	14.0	+10	SSW	3	bc	56	54	8	2	5	3	4	-	52	51	-							
	Yeovilton	50	30.0	+4	-	0	bc	59	52	8	2	4	-	3	3	2	-	-	15.7	+14	-	0	bc	55	55	1	5	-	8	8	-	52	43	TR							
5	Portland Bill	32	30.0	+2	WN	2	bc	58	57	7	5	-	-	8	8	-	10	-	15.6	+16	W	3	bc	58	56	6	5	-	4	4	-	52	48	-							
	Exeter	100	30.0	+4	SSW	1	bc	56	54	8	3	-	-	4	2	4	20	15	16.1	+8	-	0	mo	57	54	6	5	-	4	3	2	15	53	48	TR						
	Plymouth	86	30.0	+6	-	0	bc	56	54	8	3	-	-	4	2	4	-	-	15.5	+10	SSW	1	bc	58	57	7	8	3	5	2	4	30	45	-							
	St. Eval	345	30.0	+10	SSW	3	bc	55	53	1	-	-	-	0	0	0	0	-	-	-	+10	SSW	2	bc	54	54	7	8	3	4	2	4	30	45	TR						
	Lizard	249	30.0	+6	SW	3	bc	55	53	8	-	-	-	0	0	0	0	-	-	-	+10	SSW	2	bc	54	54	7	8	3	4	2	4	30	45	TR						
6	Guernsey	340	30.0	+4	W	1	bc	59	59	1	-	-	-	9	9	-	0	-	16.0	+14	W	1	bc	58	57	4	5	-	8	3	8	-	57	57	0.1						
	Scilly, St. Marys	163	30.0	+8	SW	3	bc	56	55	8	1	-	-	4	4	-	-	-	14.1	+6	SSW	3	bc	57	56	8	5	3	7	4	4	20	57	54	-						
	Fairwood	288	30.0	+10	-	0	bc	53	53	8	5	-	-	3	3	-	17	-	15.4	+10	SSW	1	bc	56	54	8	5	3	5	5	-	53	45	0.3							
	Pembroke	142	30.0	+6	SSW	3	bc	57	53	7	8	-	-	3	3	-	30	-	14.3	+12	SSW	3	bc	57	57	7	8	3	6	2	2	30	15	56	41	-					
	Aberporth	425	30.0	+6	SE	2	bc	53	52	8	5	4	-	3	1	3	-	-	14.6	+14	S	3	bc	54	54	8	2	3	2	2	8	15	52	41	-						
7	Holyhead (Valley)	32	30.0	+10	SSW	3	bc	56	54	8	2	7	-	2	2	4	30	-	13.8	+10	S	3	bc	57	53	8	5	2	9	4	2	3	20	-	55	52	TR				
	Hawarden	15	30.0	+14	SSW	2	bc	54	52	7	-	7	-	2	2	-	-	-	15.2	+12	SE	2	bc	57	51	6	5	-	5	5	-	-	45	30	-						
	Manchester	138	30.0	+8	S	3	mo	59	57	6	4	4	-	4	4	3	30	-	15.1	+14	S	3	bc	54	51	8	-	5	5	-	6	2	-	40	44	-					
	Squires Gate	33	30.0	+8	-	0	bc	59	57	6	4	4	-	4	4	3	30	-	14.3	+10	ESSE	1	mo	51	50	5	5	3	1	5	2	5	15	-	50	41	-				
	Carlisle	180	30.0	+12	-	0	bc	58	53	9	5	4	-	5	5	1	31	-	14.0	+14	-	0	bc	56	51	6	8	3	1	4	2	3	20	40	50	44	-				
8	Finsbury	28	30.0	+4	S	3	bc	63	61	6	5	-	-	8	4	8	16	40	15.0	+16	W	1	mo	60	56	6	5	3	2	7	6	3	22	72	58	54	0.2				
	Spurn Head	49	30.0	0	SE	2	bc																																		

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

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

OBSERVATIONS during DAY (22nd)[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

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
(Meteorological) Office, Air Ministry, Ringway, London, W.C.4.

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

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

The diagram illustrates the components of a METAR weather report, centered around the code **48 3 6 44 177 +26 45 7 W**. Lines connect each part of the code to its corresponding meteorological meaning:

- 48**: Medium cloud
- 3**: High Cloud
- 6**: Temperature °F.
- 44**: Present weather
- 177**: Total Amount of cloud.
- +26**: Wind
- 45**: Barometer mb.
- 7 W**: Bar. change in past 3 hours in tenths mbs.
- 6**: Dew Point °F.
- 44**: Weather in past hour
- 177**: Past weather
- 45**: Low cloud
- 7 W**: Amount of Low cloud
- 45**: Height of Low cloud

A bracket indicates that the last two digits of the cloud height (45) can be interpreted as either a one-figure code (4) or a two-figure code (45) representing hundreds of feet.

Scale 1. : 5,000,000.

Scale 1: 5,000,000

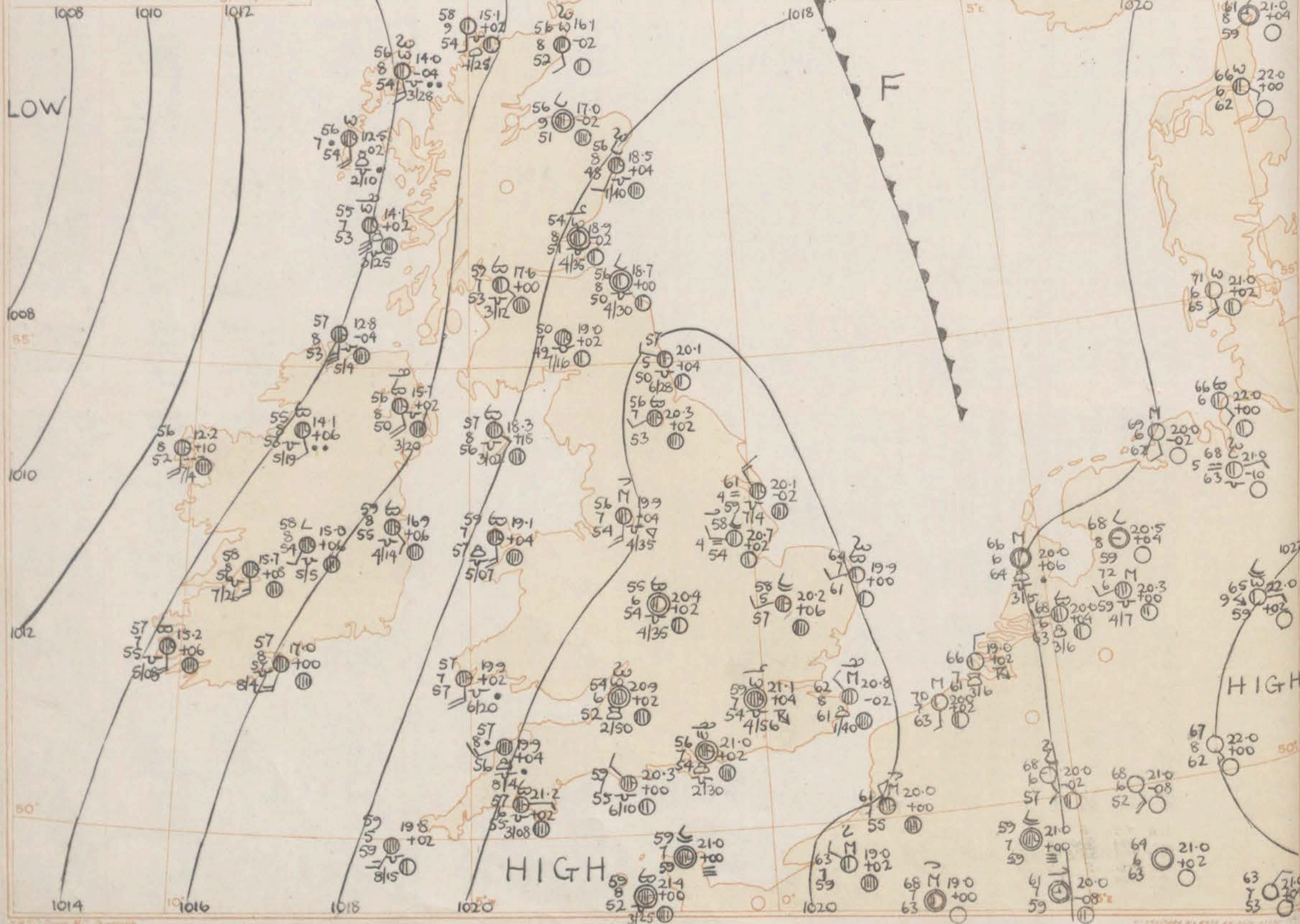
1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h 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		10h %	4h %
				Max.	Min.	° F.	mm.	mm.	Yesterday			To-day
					° F.	° F.	° F.				
Kew ...	CM. WC	cbc	bbaw	75	58	48	-	TR	5.9	.	.
Croydon ...	c	bcb	bct/mo	75	56	53	-	-	10.0	63	74
Greenwich ...	cb	b	blwcp	79	57	46	-	TR	11.5	60	63
Westminster	.	.	.	75	57	54	-	.	.	59	71
Regents Park	.	.	.	76	58	55	-	-	.	64	65
Camden Square	c	c	.	77	59	53	-	-	.	.	68
Kennington ...	bc	bc	.	78	58	54	-	-	.	66	70
Hampstead ...	bc	bc	.	79	56	49	-	-	.	.	72

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
 New 24 hours ended 6h. Max. 0.1 Time 4-6h 3rd Min. <0.1 Time Rest of Period



A depr
pressure
Iberia
It will
scattered
with loca
Midlands
night.
Britain
will be
warm in

Clark's
Statute

Barometer. 30
Wind. Arrow
short feather
TEMPERATURE
WEATHER SYSTEM
☉ Sky 7/10
The hour of c

FRONTS of
different origin
which are well p
S.S.S.S.S.S.S.S.
S.S.S.S.S.S.S.S.
NOTE.
When?

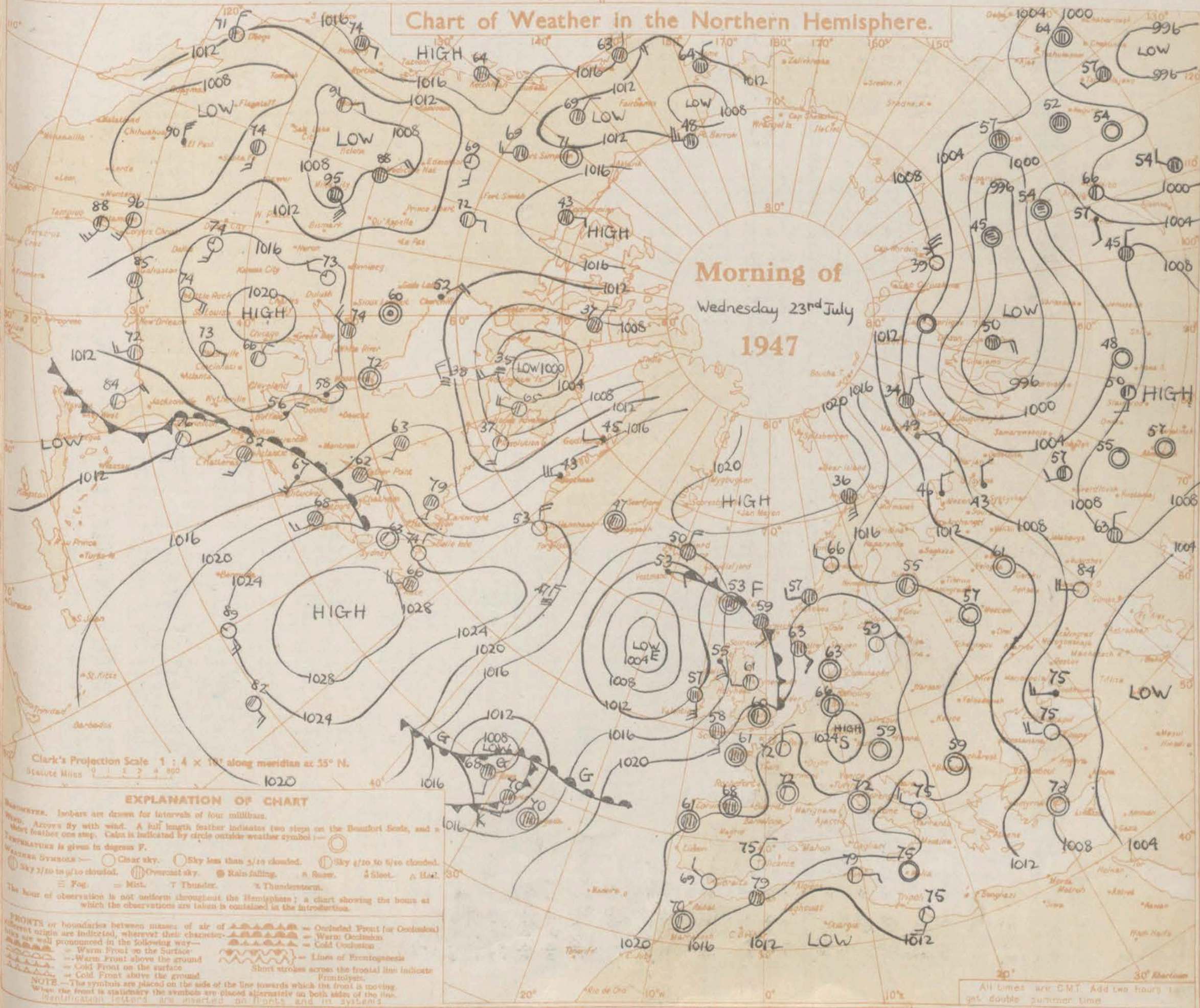
A depression to the NW of Ireland is almost stationary, while pressure is relatively high and almost uniform in a belt from Iberia to Central Europe and Scandinavia. It will be fair with long bright periods at first, apart from scattered showers in the W and NW, but outbreaks of thundery rain, with local thunderstorms, will occur in the late afternoon and evening in the Midlands, eastern and southern England and will last well into the night. Mist or fog patches will occur in the Midlands and SE Britain towards dawn, but will clear quickly after sunrise. It will be warm or very warm in the Midlands and SE and rather warm in the W and N.

Little general change.

FURTHER OUTLOOK

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 23rd July
1947



BRITISH
SECTIONTHE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.Wednesday 23rd July 1947
No. 31289

OBSERVATIONS at 00hr. G.M.T. 23rd July

OBSERVATIONS at 06hr. G.M.T. 23rd July

OBSERVATIONS at 09hr. G.M.T. 23rd July

District.	Station.	Height above M.S.L. in feet.	OBSERVATIONS at 00hr. G.M.T. 23rd July										OBSERVATIONS at 06hr. G.M.T. 23rd July										OBSERVATIONS at 09hr. G.M.T. 23rd July										
			Barom.			Wind.			Temp.				Barom.			Wind.			Temp.				Barom.			Wind.			Temp.				
			M.S.L.			Dir.			°F.				M.S.L.			Dir.			°F.				M.S.L.			Dir.			°F.				
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	
1	Kew	176	29.9	+4		0	0	60	57	6	3	2	2	1	4.0	21.2	+2	SW	1	0	1	60	56	7	8	3	3	4	2	4	3.5	4.0	
	Croydon	227	29.9	+4		0	0	56	53	8	5	4	3	2	3.0	21.1	+2	WSW	1	0	1	56	54	7	5	3	3	4	3	2.5	3.0		
	S. Faraborough	226	29.9	+4		0	0	56	53	8	5	4	3	2	3.0	21.1	+2	WSW	1	0	1	56	54	7	5	3	3	4	3	2.5	3.0		
	Boscombe Down	477	29.7	+2	WSW	1	0	54	52	7	4	3	2	2	3.5	20.7	+1	SW	1	0	1	56	54	7	5	3	3	4	3	2.5	3.0		
	Calshot	53	29.8	+2	WSW	2	2	58	56	8	6	4	3	2	3.5	20.6	+1	SW	2	0	2	58	55	7	5	3	3	4	3	2.0	2.5		
	Tangmere	53	29.9	+4	WSW	2	2	58	56	8	6	4	3	2	3.5	21.0	+2	SW	2	0	2	58	54	7	5	3	3	4	3	2.0	2.5		
2	Lymington	341	29.6	+2	WSW	2	2	63	60	8	7	5	5	2	3.0	20.5	+1	WSW	2	1	1	62	60	6	2	2	5	1	5	5.9	5.9	5.9	
	Manston	140	29.9	+6	WSW	2	2	65	62	9	8	3	5	2	4	3.0	20.8	+2	WSW	1	0	1	62	61	8	2	2	5	1	3	4.0	4.0	
	Rhosymedra	1	29.9	+6	WSW	2	2	65	62	9	8	3	5	2	4	3.0	20.8	+2	WSW	1	0	1	62	61	8	2	2	5	1	3	4.0	4.0	
	Polkston	10	29.9	+6	WSW	2	2	65	62	9	8	3	5	2	4	3.0	20.8	+2	WSW	1	0	1	62	61	8	2	2	5	1	3	4.0	4.0	
	Gorleston	5	29.9	+6	WSW	2	2	65	62	9	8	3	5	2	4	3.0	20.8	+2	WSW	1	0	1	62	61	8	2	2	5	1	3	4.0	4.0	
3	Mildenhall	13	29.9	+6	SSW	1	0	62	59	7	4	3	3	2	1	2.0	20.2	+1	WSW	2	0	2	58	57	5	1	1	6	1	1	1	1	
	West Raynham	250	29.7	+4	SSW	1	0	63	60	7	4	3	3	2	1	2.0	20.6	+1	WSW	2	0	2	58	57	5	1	1	6	1	1	1	1	
	Waddington	235	29.7	+4	WSW	1	0	60	54	6	5	4	3	2	1	5	20.7	+2	WSW	2	0	2	58	54	4	1	1	5	4	3	1	1	
	Granfield	340	29.9	+6	WSW	1	0	57	55	7	4	3	2	2	1	1	20.6	+1	WSW	2	0	2	55	53	6	1	1	5	4	3	1	1	
	Honley	482	29.0	+2		0	0	60	55	7	3	2	2	2	1	1	20.4	+2		0	0	55	54	6	1	1	5	4	4	3.5	4.0		
4	Little Rissington	731	29.1	+6	SW	2	2	56	54	8	2	6	3	2	2	1	20.8	+1	SW	1	0	1	60	55	7	1	1	4	2	4	2	1	
	Dafford	55	29.7	+6	SW	1	0	59	55	8	1	4	3	2	1	1.0	20.7	+2	SW	1	0	1	58	55	7	1	1	4	2	4	2	1	
5	Bristol	209	29.8	+6	SSW	1	0	59	55	8	1	4	3	2	1	1.0	20.7	+2	SSW	1	0	1	58	55	7	1	1	4	2	4	2	1	
	Portland Point	290	29.6	+4	SSW	3	3	56	54	8	5	1	2	3	4	1	20.9	+2	SSW	3	3	3	54	52	6	3	3	4	2	3	5.0	5.0	
	Yeovilton	50	29.6	+4	SSW	3	3	56	54	8	5	1	2	3	4	1	20.9	+2	SSW	3	3	3	54	52	6	3	3	4	2	3	5.0	5.0	
6	Portland Bill	33	29.4	+2	W	2	2	58	56	7	5	1	4	4	1	2.0	20.3	+1	W	2	1	1	59	55	7	5	1	6	6	1	1	1	
	Exeter	100	29.5	+4	SSW	1	0	58	53	8	5	1	4	4	1	2.0	21.0	+1	SSW	1	0	1	59	55	7	5	1	6	6	1	1	1	
	Plymouth	86	29.5	+4	SSW	1	0	58	53	8	5	1	4	4	1	2.0	21.2	+2	SSW	1	0	1	59	55	7	5	1	6	6	1	1	1	
	St. Eval	345	29.8	+6	SSW	2	2	57	53	8	5	1	4	4	1	2.0	20.8	+2	SSW	2	1	1	57	53	7	2	3	1	1	2	4	1.5	
	Lizard	449	29.8	+6	SSW	2	2	57	53	8	5	1	4	4	1	2.0	20.7	+2	SSW	2	1	1	57	53	7	2	3	1	1	2	4	1.5	
	Guernsey	340	29.8	+6	SSW	2	2	57	53	8	5	1	4	4	1	2.0	20.7	+2	SSW	2	1	1	57	53	7	2	3	1	1	2	4	1.5	
7	Scilly, St. Marys	163	29.8	+4	SSW	3	3	58	57	8	9	1	7	7	1	1.0	19.8	+2	SSW	3	3	3	59	59	5	5	1	8	8	1	1.5	1.5	
	Fairwood	268	29.3	+1	SSW	4	4	58	56	9	1	1	0	0	0	1.0	20.5	+6	SSW	4	4	4	57	57	7	5	1	7	7	1	1.5	1.5	
	Pembroke	142	29.9	+8	SSW	4	4	58	56	9	1	1	0	0	0	1.0	19.9	+2	SSW	4	4	4	57	57	7	5	1	7	7	1	1.5	1.5	
	Aberporth	485	29.5	+2	SSW	3	3	56	55	9	5	7	8	3	6	1.5	19.6	+2	SSW	3	3	3	56	55	8	5	1	7	7	1	1.5	1.5	
8	Holyhead (Valley)	32	29.1	+2	SSW	4	4	58	55	8	6	3	3	2	1	2.0	19.1	+4	SSW	3	3	3	59	57	7	5	1	7	7	1	2.5	2.5	
	Hawarden	15	29.3	+10	SSW	1	0	57	55	8	5	1	3	3	2	1.0	20.1	+4	SSW	1	0	1	55	55	6	5	1	7	7	1	2.0	2.0	
	Manchester	330	29.0	+8	SSW	2	2	59	52	6	5	3	4	3	3	1.0	19.9	+4	SSW	3	3	3	56	54	7	5	1	7	7	1	3.5	3.5	
	Squires Gate	33	29.0	+8	SSW	2	2	59	52	6	5	3	4	3	3	1.0	19.9	+4	SSW	3	3	3	56	54	7	5	1	7	7	1	3.5	3.5	
	Carlisle	190	29.0	+4	SSW	0	0	54	50	9	5	1	2	1	2	2.5	19.2	+4	SSW	0	0	0	53	51	6	5	1	7	7	1	2.0	2.0	
9	Finnisley	38	29.8	+8	SSW	1	0	57	55	5	5	8	4	4	3	3	2.0	20.3	+6	SSW	1	0	1	58	55	4	5	1	7	7	1	1	1
10	Spurn Head	29																															

HT

(continued)

0.1

1, 2

17/5

19

$$- \frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d}{dt} \right)$$

1

16

2

TV

2

3

$$\frac{0.2}{2}$$

41

61

0.2
0.5

TV

1

0.21

0.6

1

1

101

21

4

Tr
me

72

depth

Figure 1

BRITISH
SECTION

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

Thursday 24th July

No. 31290

1947

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

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

OBSERVATIONS during DAY






(23rd)

[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.

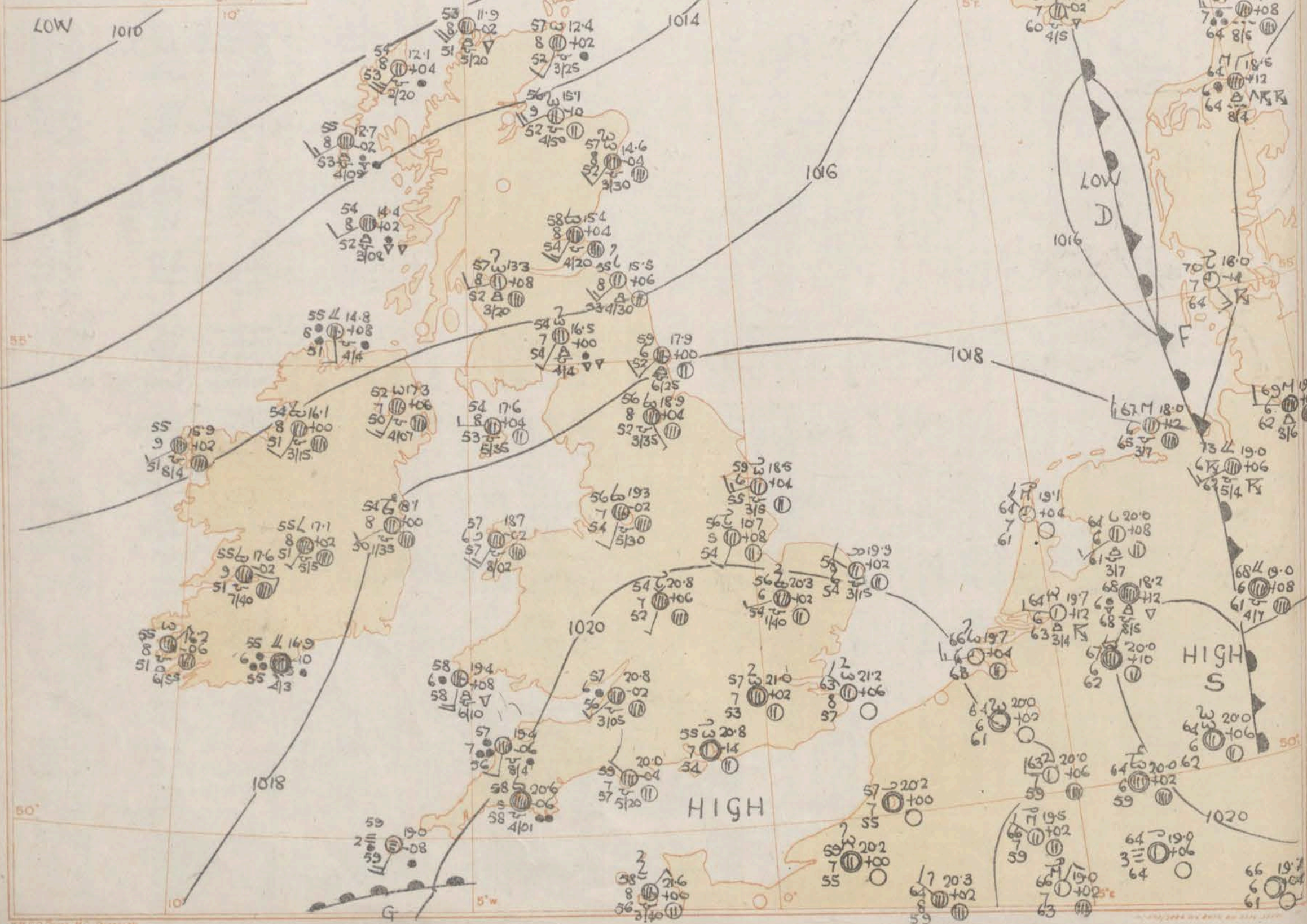
0 = Nil 2 =  4 =  6 =  8 = Completely covered.
 1 = Trace 3 =  5 =  7 = More than 6 but with openings. 9 = Sky obscured by fog, etc.

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

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

The diagram illustrates a synoptic chart with various weather data points and their corresponding symbols. The data points are as follows:

- High Cloud:** Indicated by a vertical line with a small circle at the top.
- Medium cloud:** Indicated by a vertical line with a small circle in the middle.
- Temperature °F:** Indicated by a vertical line with a small circle at the bottom.
- Present weather:** Indicated by a vertical line with a small circle at the bottom.
- Visibility:** Indicated by a vertical line with a small circle at the bottom.
- Dew Point °F:** Indicated by a vertical line with a small circle at the bottom.
- Low cloud:** Indicated by a vertical line with a small circle at the bottom.
- Amount of Low cloud:** Indicated by a vertical line with a small circle at the bottom.
- Height of Low cloud:** Indicated by a vertical line with a small circle at the bottom.
- Code figure (one figure) or hundreds of feet (two figures):** Indicated by a vertical line with a small circle at the bottom.
- Scale 1 : 5,000,000:** Indicated by a vertical line with a small circle at the bottom.
- Total Amount of cloud:** Indicated by a vertical line with a small circle at the bottom.
- Wind:** Indicated by a vertical line with a small circle at the bottom.
- Barometer mb.:** Indicated by a vertical line with a small circle at the bottom.
- Bar. change in past 3 hours in tenths mbs:** Indicated by a vertical line with a small circle at the bottom.
- Weather in past hour:** Indicated by a vertical line with a small circle at the bottom.
- Past weather:** Indicated by a vertical line with a small circle at the bottom.



Thursday 24th July

1947

LONDON OBSERVATIONS for yesterday and this morning

Day ogh-18b Kensington, ogh-2rh at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to unset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		10h %	9h %
				Max.	Min.		mm.	mm.	Inch.		
				* F.	* F.	* F.	mm.	mm.	Yesterday	To-day	
Kew	bc	bceprbc	cbcw	75	54	42	Tr	-	5.2	*	*
Croydon ...	cbc	beybyc	cbmo	77	53	47	-	-	6.0	55	63
Greenwich ...	cy	cpay	cbcw	79	53	39	Tr	Tr	4.8	53	70
Westminster	*	*	*	78	56	51	-	-	*	53	62
Regents Park	*	*	*	77	56	52	-	-	*	53	60
Camden Square	bc	bc	*	80	57	49	-	-	*	*	67
Kensington ...	bc	bccp	*	80	56	50	Tr	0.1	*	63	62
Hamstead ...	bc	bc	bc	71	55	45	-	-	*	*	67

Atmospheric Pollution Milligrams of solid ¹⁷highs per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 23rd Min. 20.1 Rest of period.

MM 50 Press. M.C. Dargatzis

A small moving occasion exception small ex with so will be in sou

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 ALUMINUM is a
 PLASMA SYMBOL
 ① Sky 7/10 to 9
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very well pro
NOTE
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GENERAL INFERENCE
A small depression centred southwest of the British Isles is moving northeast: Weather will be generally cloudy and there will be occasional rain in most parts of England and Wales with the possible exception of the extreme Southeast. Rainfall amounts will be mainly small except in the Southwest: Weather will be mainly cloudy in Scotland with some showers in the North and rain later in the South. Weather will be cloudy in Northern Ireland with local rain. It will be warm in Southeastern districts and rather warm elsewhere.

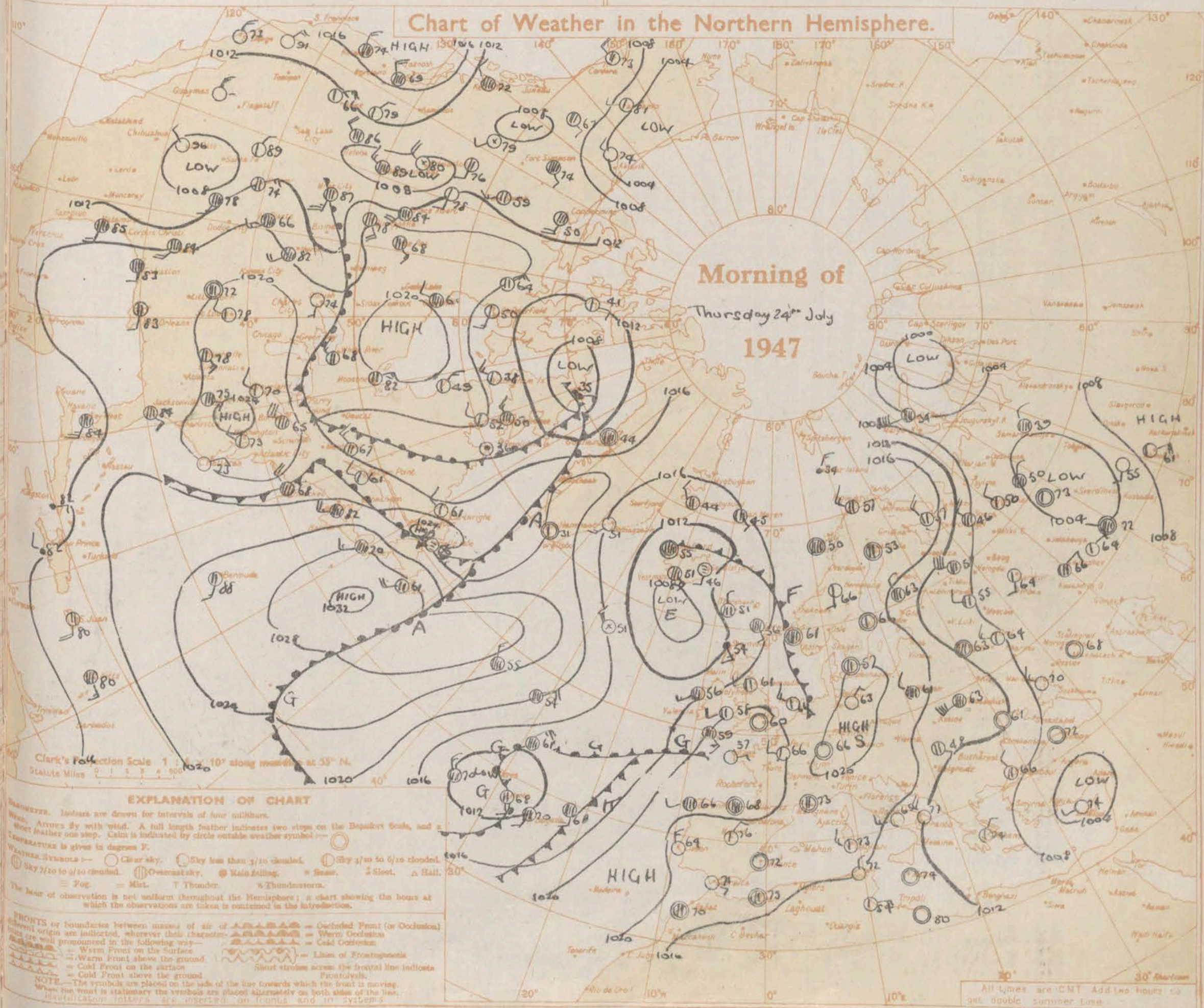
FURTHER OUTLOOK
A rather unsettled period, with mainly cloudy weather: There will be occasional rain in many districts.

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 24th July

1947



EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.
WINDS. Arrows show wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE. 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. Fronts or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Cold Front on the surface. — Occluded Front (or Occlusion) on the surface. — Line 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 two hours to get double summer time.

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

Thursday 24 July 1940

No 31250




OBSERVATIONS at 00hr. G.M.T. 24th JulyOBSERVATIONS at 06hr. G.M.T. 24th July

OBSERVATIONS Wednesday NIGHT

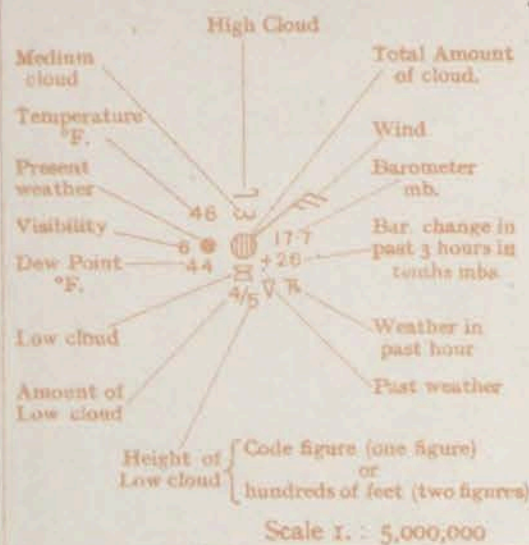
District.	Stations.	Height above M.S.L. in feet.	Observations at 00hr. G.M.T. 24 th July										Observations at 06hr. G.M.T. 24 th July										Observations Wednesday NIGHT												
			Barom.			Wind.			Cloud.				Barom.			Wind.			Cloud.				Barom.			Wind.			Cloud.						
			mb.	in.	mm.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Low.	mb.	in.	mm.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.	Low.	mb.	in.	mm.	Dir.	Force.	Weather.	Form.	Amount.	Height of Base Hundreds of feet.				
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)			
1	Kew	116	21.4	+6	-	-	-	58	-	-	-	-	21.8	+2	-	SSW	1	mo	59	54	6	5	3	1	5	4	3	35	-	0	cbccbcw	bbccmo	54	42	-
	Croydon	212	21.4	+6	-	-	-	58	-	-	-	-	21.0	+2	-	-	0	cbcc	57	53	7	-	3	6	5	4	3	-	0	cbcc	bbccmo	53	47	-	
	S. Farborough	226	21.4	+6	-	-	-	58	-	-	-	-	21.5	-2	-	-	0	cbcc	54	52	7	-	4	1	5	4	2	-	0	cbcc	bbccmo	49	39	-	
	Boscombe Down	427	21.3	+4	-	-	-	58	-	-	-	-	20.7	0	-	-	0	cbcc	57	56	7	-	7	5	6	5	2	-	0	cbcc	bbccmo	52	48	0.1	
	Calshot	6	21.2	+4	-	-	-	58	-	-	-	-	21.5	-2	-	-	0	cbcc	59	56	6	-	3	-	5	5	-	-	0	cbcc	bbccmo	55	55	-	
	Langmere	53	21.4	+8	-	-	-	53	-	-	-	-	20.8	-14	-	-	0	cbcc	55	54	7	-	3	1	3	3	-	-	0	cbcc	bbccmo	49	45	-	
	Lymington	341	20.9	+6	-	-	-	61	-	-	-	-	20.8	+2	-	NNW	3	bc	60	55	7	-	-	3	3	-	-	-	0	cbcc	bbccmo	57	53	-	
	Manston	140	20.5	+8	-	-	-	63	-	-	-	-	21.2	+11	-	W	2	bc	63	58	8	-	3	6	4	2	4	-	0	cbcc	bbccmo	58	58	-	
2	Rheaborness	51	19.3	+6	-	-	-	64	-	-	-	-	21.7	+8	-	W	1	cbcc	60	57	7	-	-	4	5	5	-	75	-	0	cbcc	bbccmo	55	45	-
	Pelinstown	10	19.3	+6	-	-	-	64	-	-	-	-	20.6	+6	-	NNW	2	bc	61	57	7	-	3	2	4	1	4	-	0	cbcc	bbccmo	60	55	-	
	Gorleston	5	19.6	+4	-	-	-	63	-	-	-	-	19.9	+2	-	NNW	2	mo	58	54	6	5	-	2	4	3	3	15	-	0	cbcc	bbccmo	57	57	-
	Mildenhall	15	20.3	+2	-	-	-	59	-	-	-	-	20.3	+2	-	WSW	1	mo	56	54	6	5	7	6	7	1	3	40	-	0	cbcc	bbccmo	53	45	-
	West Raynham	250	19.6	+2	-	-	-	60	-	-	-	-	19.8	+2	-	WSW	2	mo	56	54	6	-	9	8	5	4	4	-	0	cbcc	bbccmo	53	50	-	
	Waddington	235	20.4	+4	-	-	-	57	-	-	-	-	20.7	+8	-	SW	2	mo	56	54	5	-	9	1	5	5	3	-	1	cbcc	bbccmo	53	50	-	
3	Cranfield	340	20.5	+6	-	-	-	55	-	-	-	-	20.8	+4	-	WSW	1	cbcc	55	53	7	5	7	1	5	2	5	35	-	0	cbcc	bbccmo	55	48	-
	Honiley	427	20.7	+6	-	-	-	57	-	-	-	-	20.8	+6	-	SSW	1	c	54	53	7	-	9	1	7	7	-	-	0	cbcc	bbccmo	51	50	-	
4	Little Rissington	731	21.6	+4	-	-	-	57	-	-	-	-	20.9	-6	-	WNW	1	c	57	52	8	-	3	8	6	4	5	-	1	cbcc	bbccmo	54	47	TR	
	Dafford	58	21.2	+2	-	-	-	58	-	-	-	-	20.6	-2	-	S	2	mo	55	54	6	-	7	7	7	-	-	-	0	cbcc	bbccmo	50	41	TR	
5	Bristol	209	21.3	+4	-	-	-	58	-	-	-	-	20.8	-2	-	SW	1	mo	57	56	6	5	-	7	3	3	5	40	1	cbcc	bbccmo	52	45	TR	
	Portland Point	120	20.3	-4	-	-	-	59	-	-	-	-	19.4	-6	-	S	2	mo	57	56	6	5	-	8	8	-	-	-	1	cbcc	bbccmo	55	5	6	
	Yeovilton	30	20.2	-2	-	-	-	58	-	-	-	-	20.2	-6	-	S	2	mo	58	56	7	5	-	8	8	-	-	20	1	cbcc	bbccmo	53	38	-	
	Portland Bill	39	21.1	+4	-	-	-	59	-	-	-	-	20.0	-4	-	NW	2	cbcc	59	57	7	5	-	5	5	-	20	-	1	cbcc	bbccmo	58	58	-	
	Exeter	100	22.0	+2	-	-	-	58	-	-	-	-	21.0	+2	-	-	0	cbcc	54	54	5	5	7	-	7	4	7	1	0	cbcc	bbccmo	67	55	TR	
	Plymouth	86	22.2	+2	-	-	-	58	-	-	-	-	20.6	-6	-	S	2	mo	58	58	5	5	7	-	7	4	7	1	0	cbcc	bbccmo	67	55	TR	
	St. Eval	345	21.7	+2	-	-	-	58	-	-	-	-	19.7	-10	-	S	2	mo	57	57	6	5	2	-	8	5	8	6	15	1	cbcc	bbccmo	55	48	-
	Lizard	249	21.6	0	-	-	-	58	-	-	-	-	19.8	-8	-	S	2	mo	58	58	7	5	-	4	5	8	-	10	-	1	cbcc	bbccmo	56	48	-
	Guernsey	240	22.3	+2	-	-	-	57	-	-	-	-	21.6	0	-	NE	1	c	58	55	8	5	9	6	3	4	40	-	0	cbcc	bbccmo	55	48	-	
	Silly, St. Marys	163	20.8	-2	-	-	-	58	-	-	-	-	19.0	-8	-	S	4	mo	59	59	2	-	-	9	9	-	0	-	1	cbcc	bbccmo	58	58	-	
6	Fairwood	148	21.1	+2	-	-	-	57	-	-	-	-	20.1	-4	-	SE	1	mo	58	57	6	5	-	8	8	-	10	-	1	cbcc	bbccmo	56	53	-	
	Pembroke	143	20.5	0	-	-	-	58	-	-	-	-	19.4	-8	-	S	4	mo	58	58	6	5	-	6	6	-	10	-	1	cbcc	bbccmo	56	53	-	
	Aberporth	129	20.2	-2	-	-	-	57	-	-	-	-	19.2	-6	-	S'E	3	mo	56	56	8	5	2	-	8	4	8	12	-	1	cbcc	bbccmo	55	51	-
7	Holyhead (Valley)	32	18.8	-2	-	-	-	57	-	-	-	-	18.7	-2	-	SSW	3	ido	57	57	6	5	-	8	8	-	2	-	1	cbcc	bbccmo	56	54	0.1	
	Harwarden	15	19.7	+2	-	-	-	58	-	-	-	-	19.6	0	-	S	2	c	57	55	7	5	-	6	8	3	6	20	40	0	cbcc	bbccmo	51	44	-
	Murchester	138	19.6	+2	-	-	-	58	-	-	-	-	19.3	-2	-	S	2	c	56	54	7	5	-	6	8	3	6	30	40	0	cbcc	bbccmo	54	48	0.1
	Squirrel Gale	33	19.6	+2	-	-	-	58	-	-	-	-	19.5	+2	-	SW	4	c	59	54	7	5	-	6	8	3	6	15	57	1	cbcc	bbccmo	58	53	-
	Cartle	100	17.2	-4	-	-	-	58	-	-	-	-	17.																						

OBSERVATIONS during DAY

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

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

STATION MODEL



6h

Friday 25th July

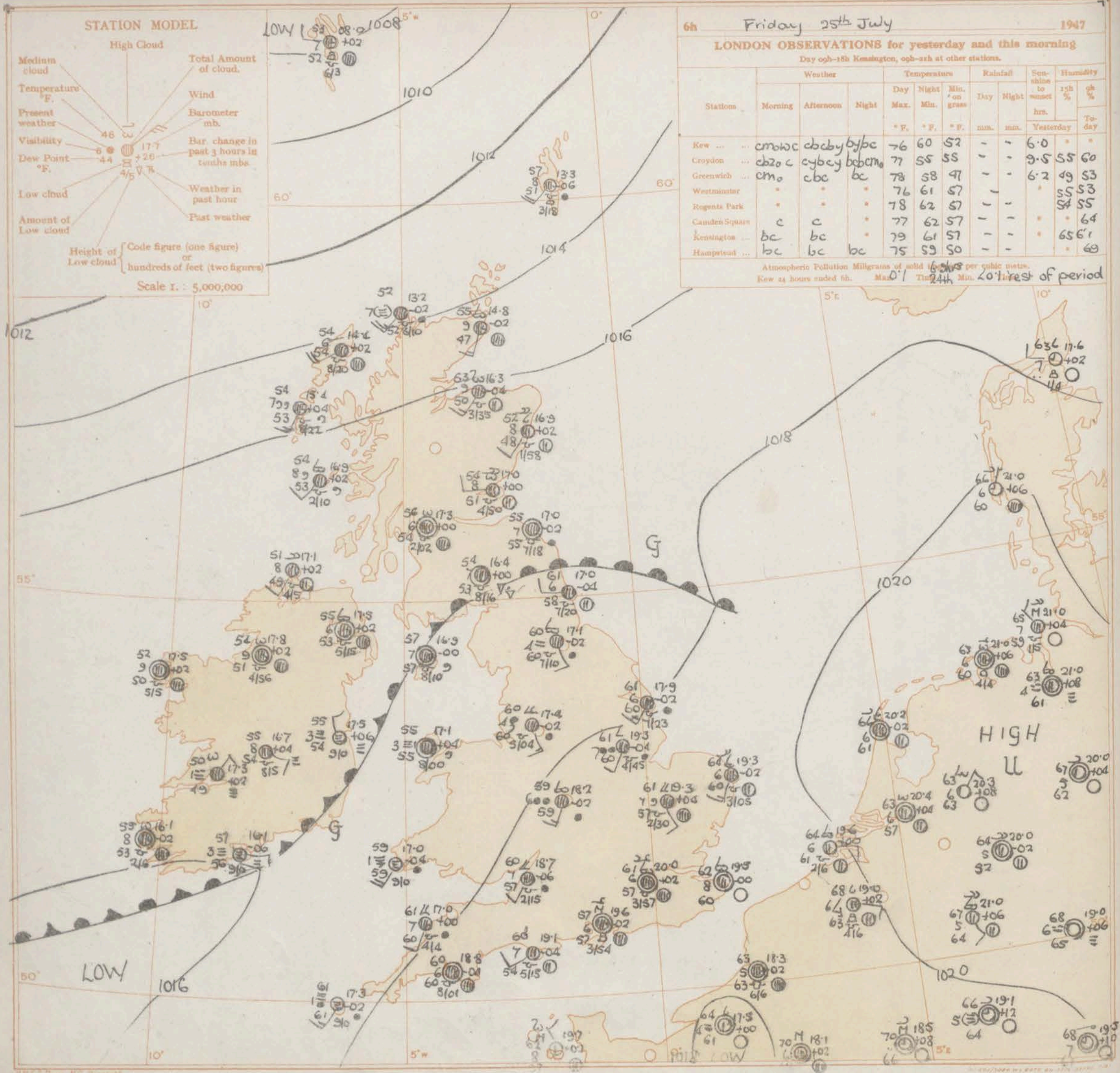
1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-18h Kensington, 09h-24h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	min.	Yester-day	To-day
Kew ...	cmwbc	cbcbby	bybc	76	60	52	-	-	6.0			
Croydon ...	cb20c	cybcy	bcbcm	77	55	55	-	-	9.5		55	60
Greenwich ...	cm	cbc	bc	78	58	47	-	-	6.2		49	53
Westminster ...				76	61	57	-	-			55	53
Regents Park ...				78	62	57	-	-			54	55
Camden Square ...	c	c		77	62	57	-	-				64
Kensington ...	bc	bc		79	61	57	-	-			65	61
Hampstead ...	bc	bc	bc	75	59	50	-	-				69

Atmospheric Pollution Milligrams of solid matter per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 2.4h Min. 0.07 rest of period



Pressure
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Clark's
Statute

REMARKS. In
Wind. Arrows
show direction of
movement. In
TEMPERATURE IN
WEATHER SYMBOLS
Sky 7/10 to
The hour of day

FRONTS or
front origin
are well p
NOTE -
When in
front

GENERAL INFERENCE
 Pressure is relatively low near Iceland and near the Azores and a weak belt of high pressure extends from the Bay of Biscay to the Southern Baltic. Over the British Isles the pressure distribution is indefinite with a very weak trough lying across the Irish Sea and North England. It will be mainly fair in S.E. England; elsewhere it will be mainly cloudy with long fair periods but also some slight rain or drizzle in many districts. More particularly in West and S.W. England, Wales and neighbouring Irish Sea, increase of rain will be considerable coastal fog. It will be rather warm and close in most districts of England and Wales but with little change of temperature in North Ireland and Scotland.

FURTHER OUTLOOK
 Probably mainly fair but risk of local rain perhaps with thunder more especially in Wales, the Midlands, and North England. Little change of temperature in the North, rather warm and close in the South.

Chart of Weather in the Northern Hemisphere.

**Morning of
Friday 25th July
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

ISOBARS. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE. is given in degrees F.
WEATHER SYMBOLS. — Clear sky. — Sky less than 3/10 clouded. — Sky 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 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 two hours to get double summer time.

OBSERVATIONS Thursday NIGHT

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

IT

1991-1992

0.2

2

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5
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BRITISH
SECTION

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

Saturday 26th July
No. 31292

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

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

OBSERVATIONS during DAY (25th)[illegible]

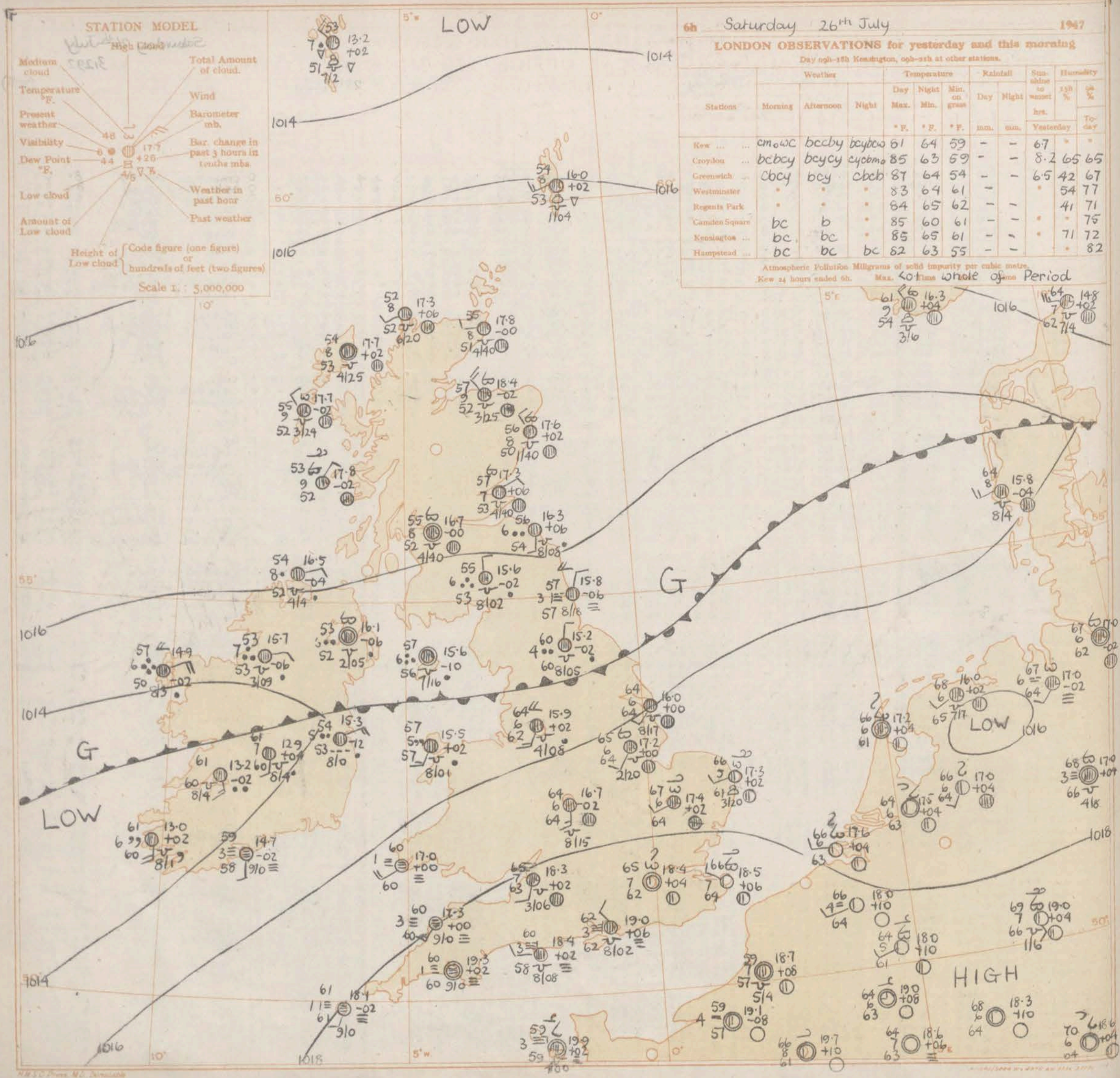
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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

* Information not usually received.

SELSON K. 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 9 but with openings. 9 = Sky obscured by fog, etc.



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British
present
hot in
midland
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until 10
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Clark's
Seal M

BAROMETER. In
mm. ABOVE
SHORT TONNES
TEMPERATURE IN
WATERS SYMB
Sky 7/10 to
The heat of oil

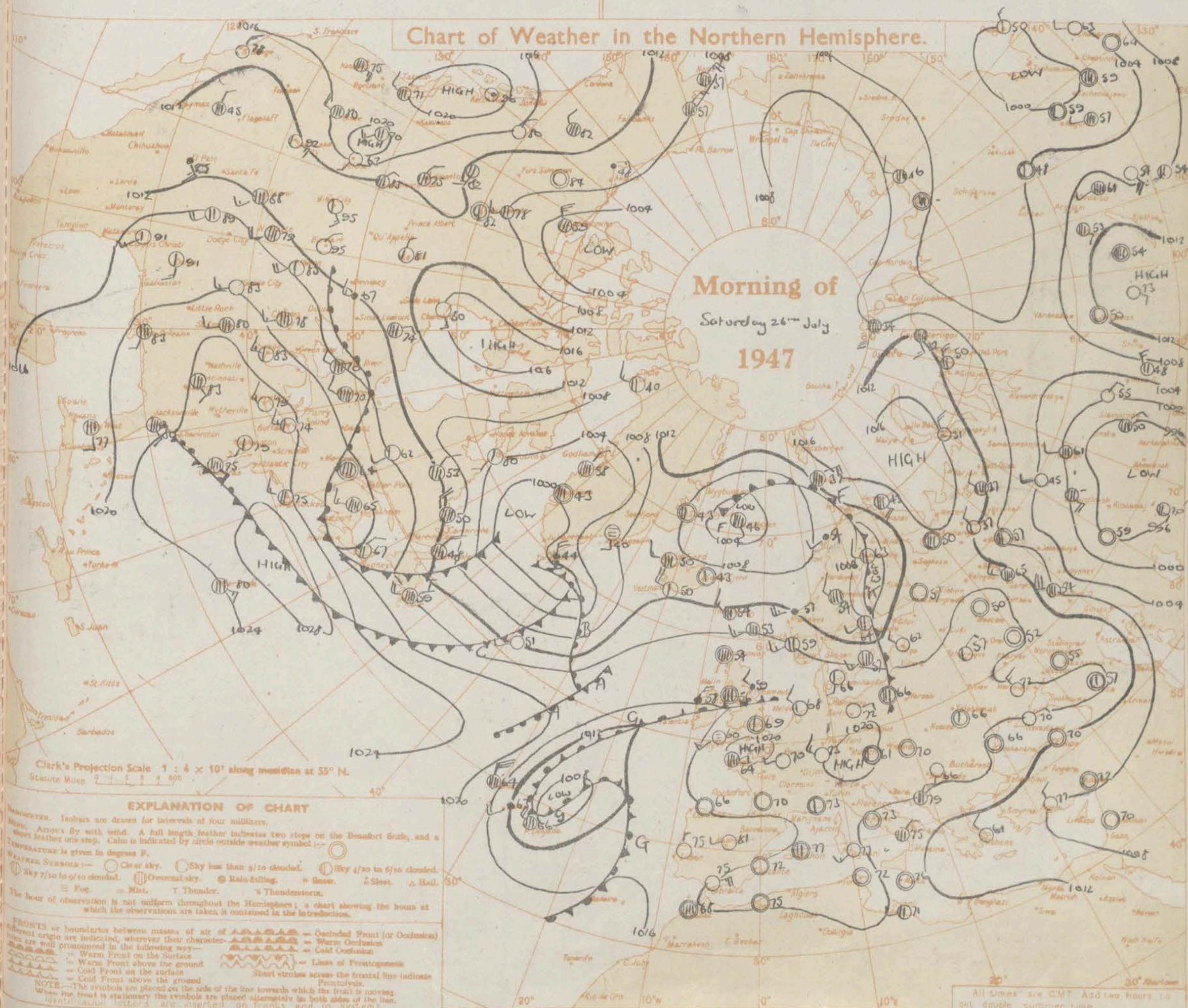
FRONTS of h
different origin
are well pr
NOTE
When it

GENERAL INFERENCE
A feeble trough of low pressure extending across the Northern part of the British Isles from a depression to the Southwest is almost stationary at present but will drift slowly northward later. It will be fair or fine and hot in the Southeast of the British Isles and fair and very warm in the Midlands. In Wales and Southwest England it will be close with extensive coastal and hill fog but it will remain clear in the east of these areas until later this evening. In Northern England, North Wales, Northern Ireland, Southern and Central Scotland it will be cloudy with local rain or drizzle, mainly light, but it will be mainly fair in Northern Scotland.

FURTHER OUTLOOK
Warm weather continuing but risk of local thunderstorms in eastern and central districts. Coastal fog in the Southwest. Mainly cloudy in the North with some local slight rain in Scotland and Northern Ireland.

Chart of Weather in the Northern Hemisphere.

Morning of
Saturday 26th July
1947



All times are GMT. Add two hours to get double summer time.

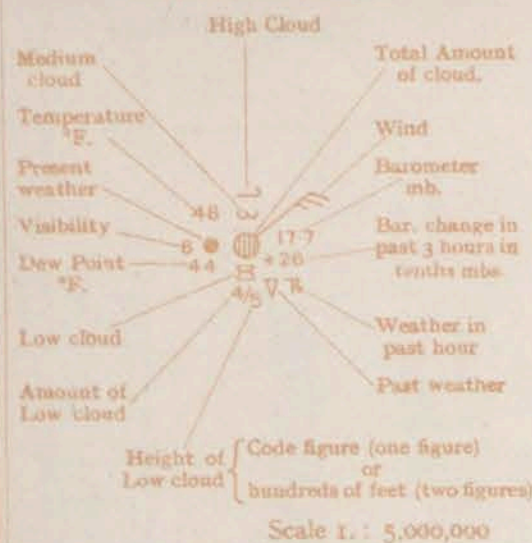
0 = Nil
1 = True

(26th)

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

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

STATION MODEL



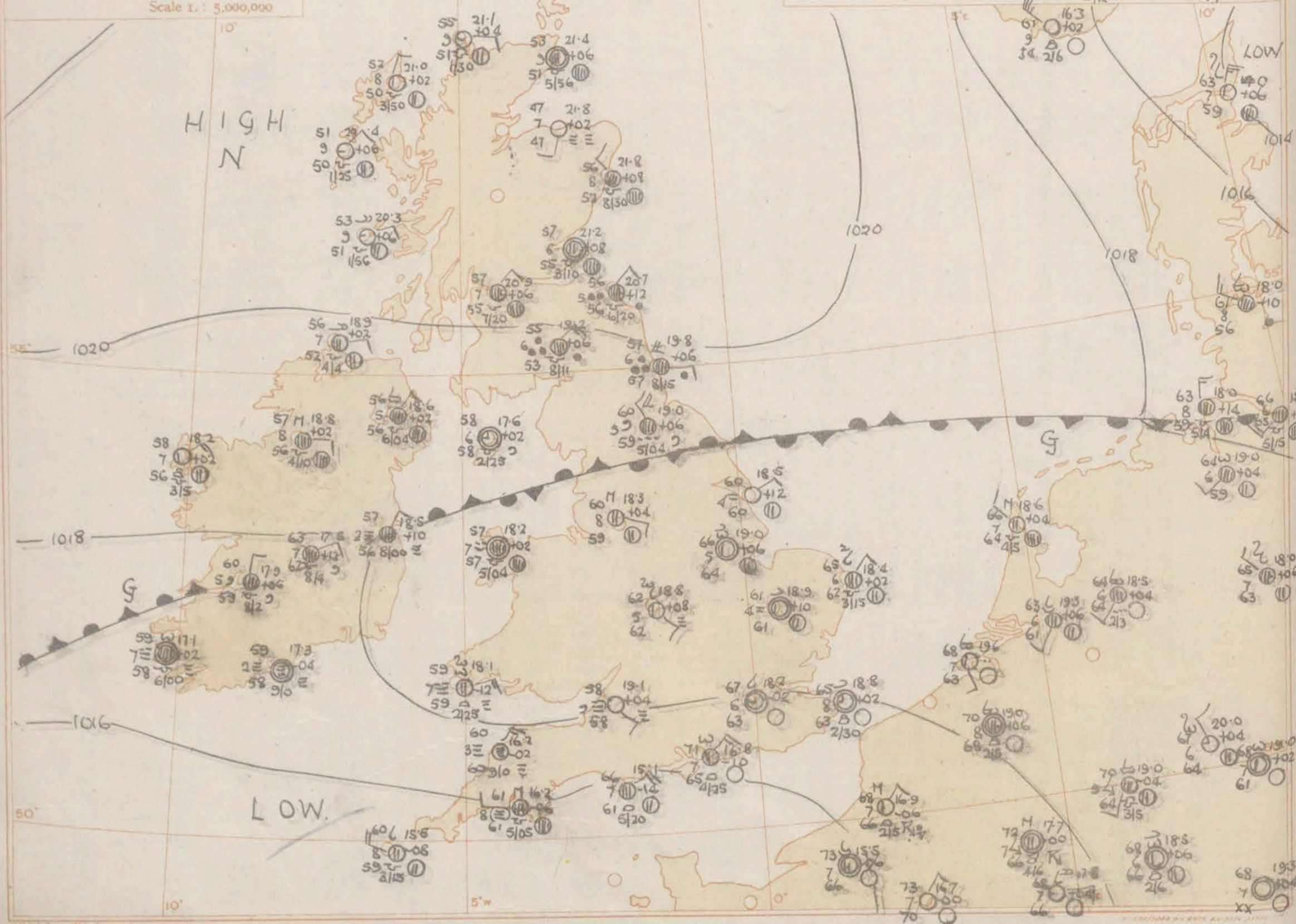
6h Sunday 27th July

1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h-15h Kensington, 09h-17h at other stations.

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day mm.	Night mm.	hrs.	hrs.	Yester-day	To-day
Kew	bcw	bmow	bcw	84	63	53	-	-	12.1	-	-	-
Croydon	bc	bmow	bcw	84	62	56	-	-	13.4	55	75	-
Greenwich	bc	bc	bc	86	63	49	-	-	12.8	48	68	-
Westminster	-	-	-	82	68	62	-	-	-	-	57	59
Regents Park	-	-	-	-	-	-	-	-	-	-	-	-
Camden Square	bc	b	-	85	64	59	-	-	-	-	-	68
Kensington	bc	bc	-	86	66	60	-	Tr	-	-	48	64
Hampstead	bc	bc	b	82	65	55	-	-	-	-	-	66

Atmospheric Pollution Milligrams of solid impurities per cubic meter.
Kew 24 hours ended 6h. Max. 0.1 Time 27h. Min. 0.0 Rest of period.

GENERAL INFERENCE

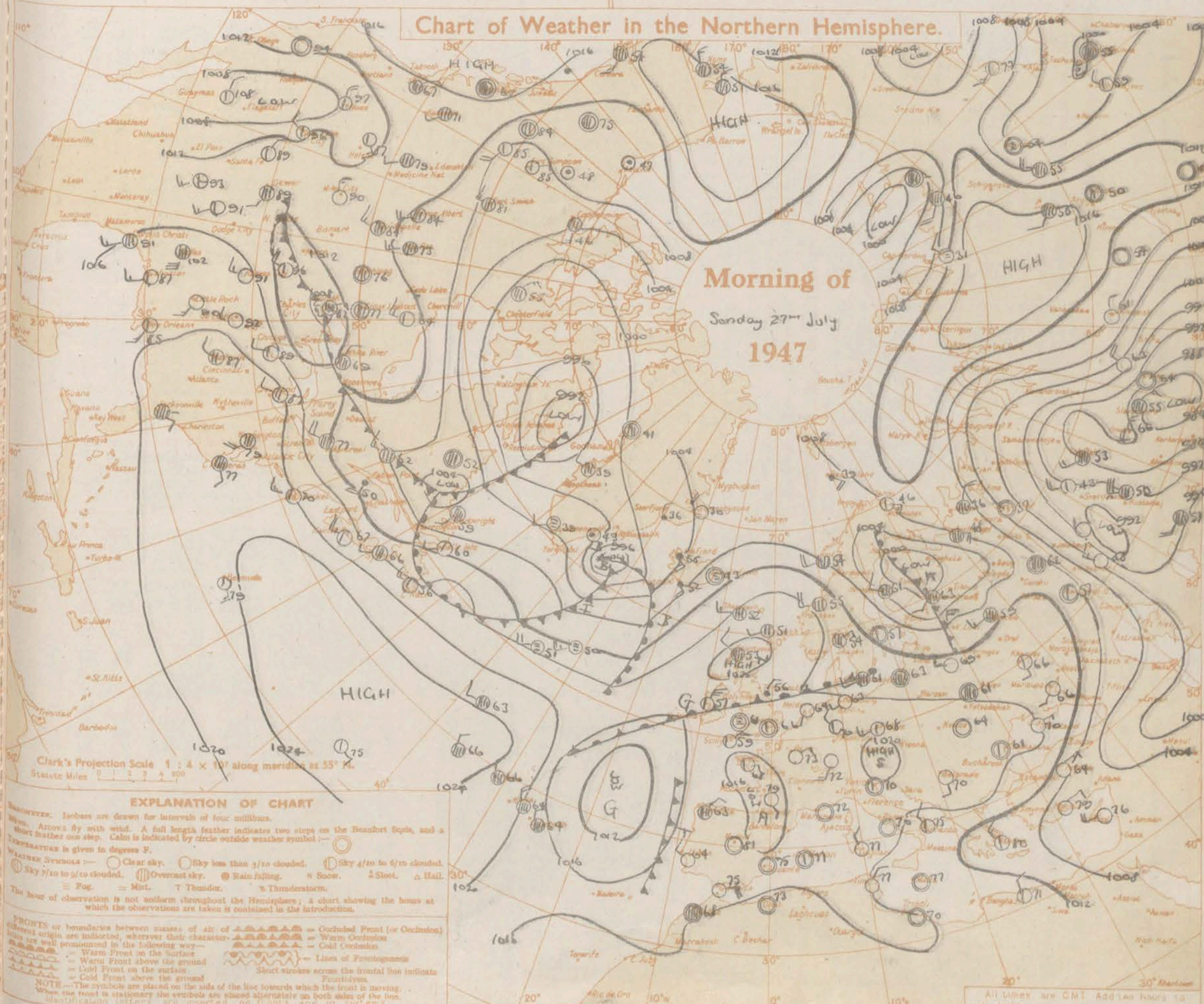
An anticyclone centred near Scotland is moving east-southeast and a trough of low pressure over France is moving slowly north or northwest. In the midlands and South it will be hot with some outbreaks of thunder rain or thunderstorms accompanying the trough. Hot conditions will extend slowly into North England. In the Border region it will be cloudy with local rain today; further north it will be fair and it will become warmer than of late.

FURTHER OUTLOOK

Very hot thundery conditions extending to most areas.

Chart of Weather in the Northern Hemisphere.

Morning of
Sunday 27th July
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

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 1/10 clouded. — Sky 1/10 to 3/10 clouded. — Sky 4/10 to 6/10 clouded. — Sky 7/10 to 9/10 clouded. — Overcast sky. — Rain falling. — Snow. — Sleet. — Hail. — Fog. — Mist. — Thunder. — Thunderstorm.
FRONTS: or boundaries between masses of air of different origin are indicated, wherever their character is well pronounced in the following way: — Warm Front on the surface. — Warm Front above the ground. — Cold Front on the surface. — Cold Front above the ground. — 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 ten hours to get double summer time.

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

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

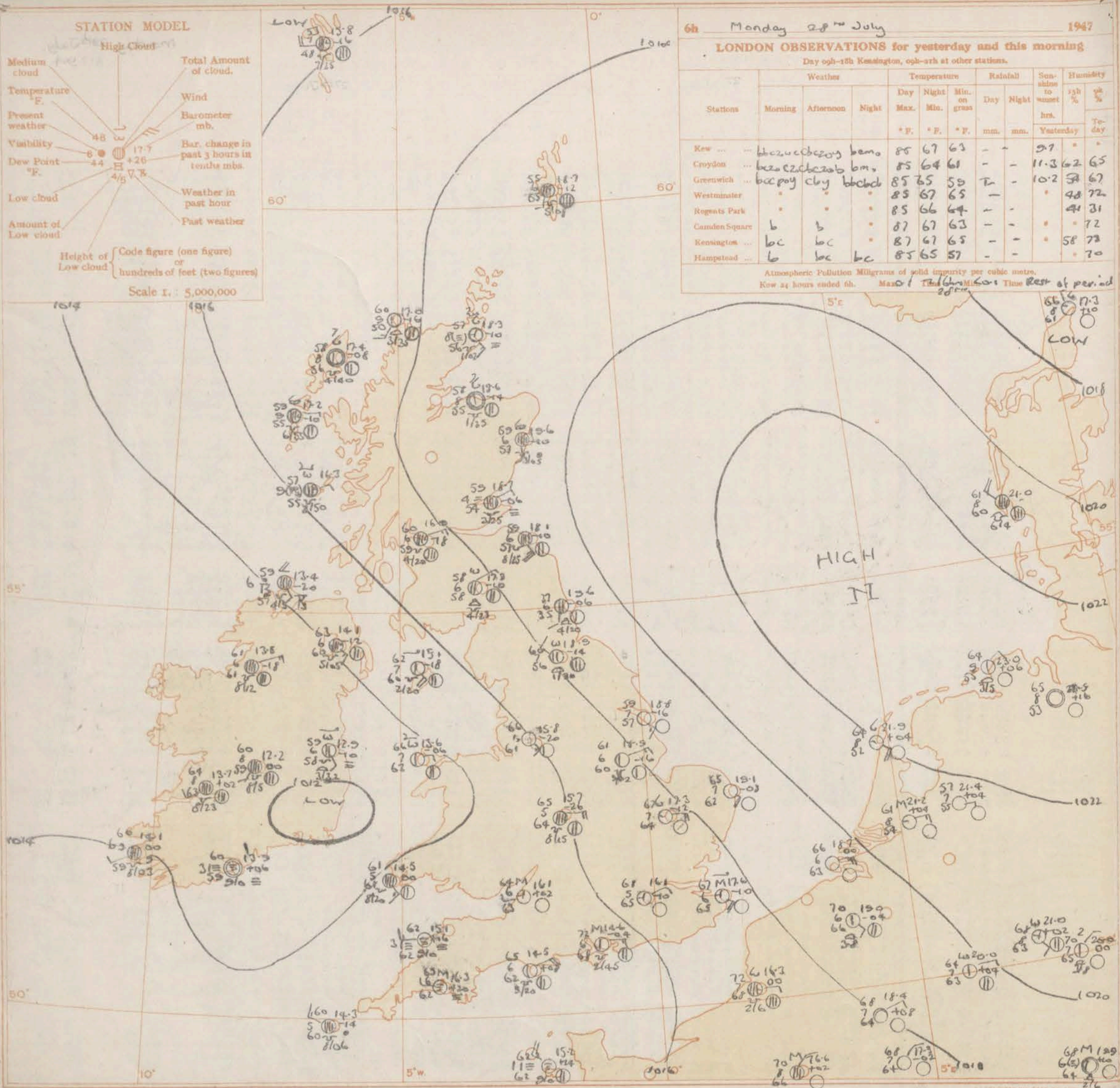
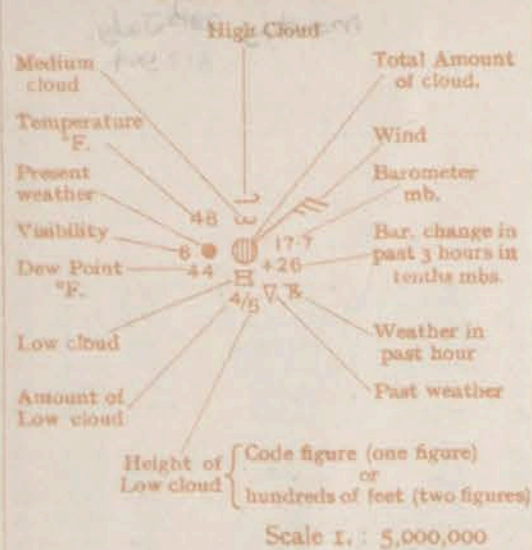
OBSERVATIONS during DAY (5th)

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

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

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

STATION MODEL



east, with
Biscay in
a frontal
storms over
North north
Coastal
warm in H
It will be

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

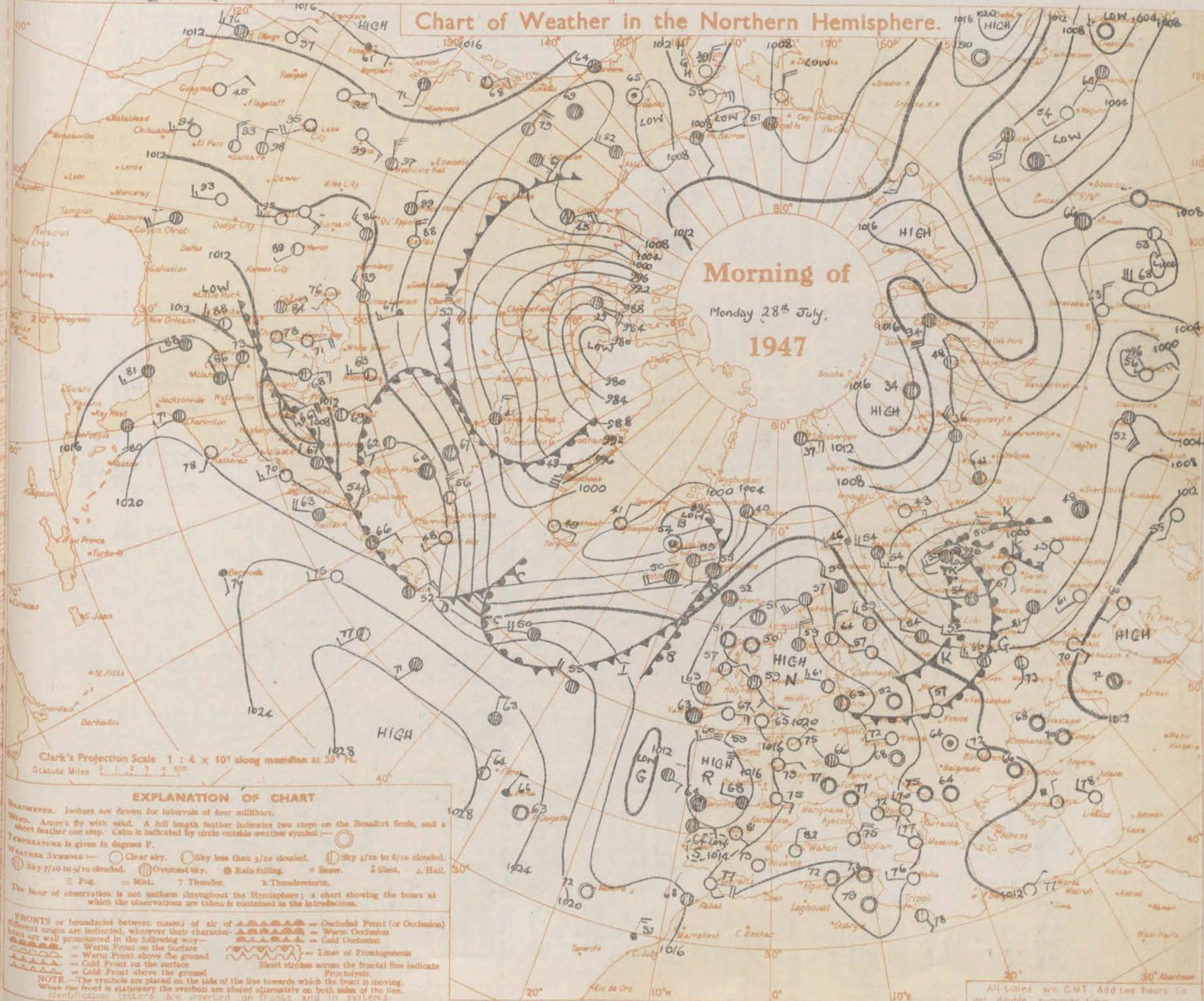
10°

An anticyclone over the North Sea is moving rather quickly east south east, while complex thundery troughs over France and Spain and to the west of Biscay are swinging north over western and central districts of the British Isles. A frontal trough of the North Atlantic will approach North West Scotland tonight. It will be fair or fine over much of the United Kingdom today, but thunderstorms over West and central Scotland and extreme Southwest England will move North northeast and fresh outbreaks may occur in many districts later today and tonight. Coastal fog will occur in East Scotland, Northeast England and North Ireland. It will be very warm in the Midlands, East Wales, East, South and South East England, and warm elsewhere. It will be rather close or close.

Warm or very warm thundery type continuing over most of the country but with long bright periods in most districts.

Chart of Weather in the Northern Hemisphere.

Morning of
Monday 28th July,
1947



OBSERVATIONS at 06hr, G.M.T. 28th July

OBSERVATIONS ~~SUNDAY~~ NIGHT

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

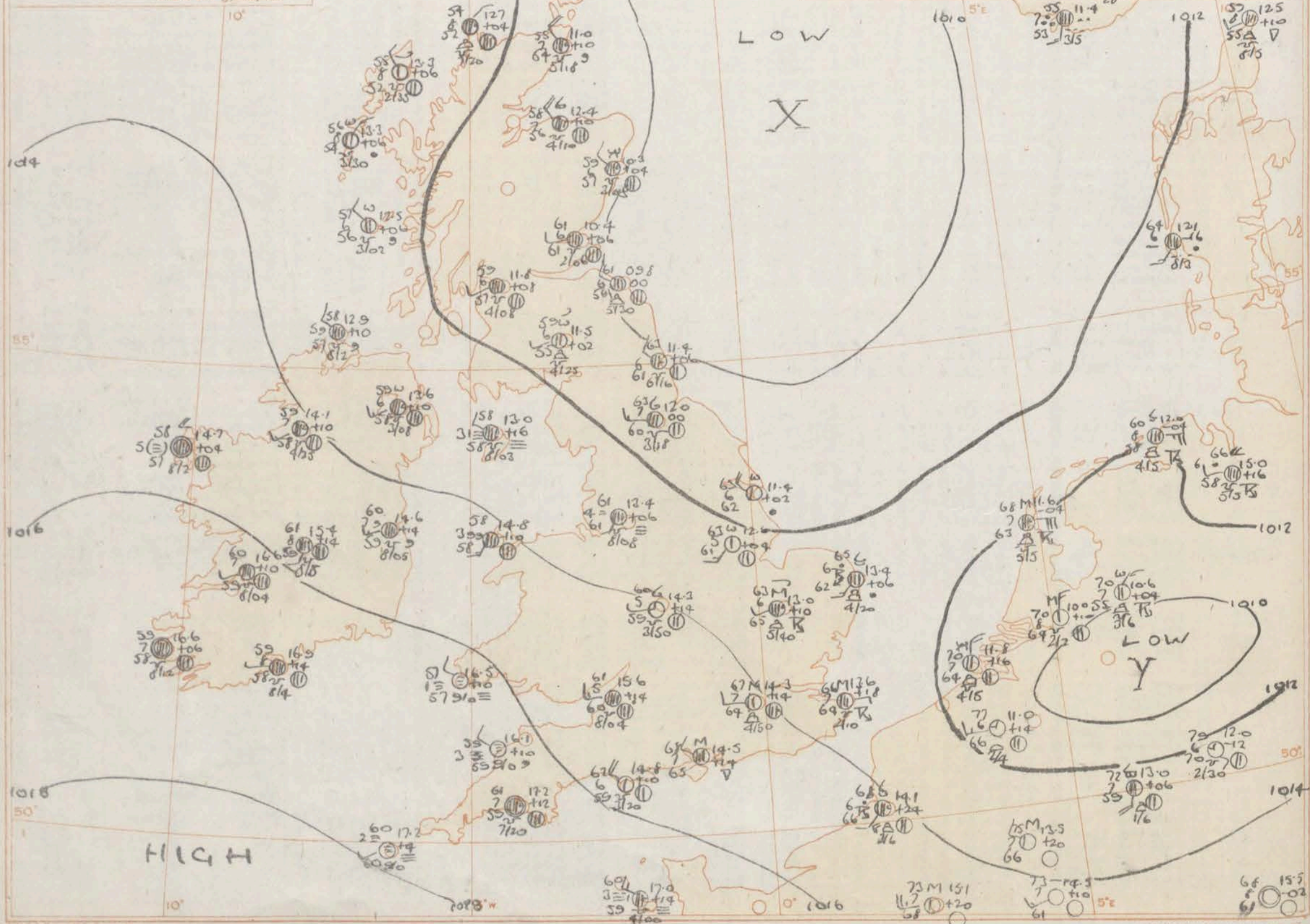
OBSERVATIONS during DAY

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

Diagram illustrating the components of a METAR weather report, showing the layout and meaning of various fields:

- High 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
- Amount of Low cloud
- Low cloud
- Dew Point "F."
- Viability
- Present weather
- Temperature "F."
- Medium cloud

Scale 1. : 5,000,000



1947

Day 00h-18h Kensington, 00h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to- set hrs.	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		12h %	6h %
				Max.	Min.		mm.	mm.	Vesterday	To- day	
	* F.	* F.	* F.								
Kew ...	bms. wbc	bcc in c2	cl Ho	83	65	61	2	2	6.3	*	*
Croydon ...	bca bz bay	g proza	cl Ho bc	87	66	62	2	2	7.0	69	75
Greenwich ...	bay	c	so cl Ho	80	67	60	-	0.5	5.5	60	70
Westminster	*	*	*	87	66	64	1.3	*	*	61	72
Regents Park	*	*	*	88	66	58	-	2.5	*	63	77
Camden Square	b	b	*	87	67	63	2	3.1	*	*	76
Kennington ...	bcc	bc	*	88	66	62	2	1.2	*	70	73
Hampstead ...	bccp	bcc or 13	or bc	86	64	57	2	2.5	*	*	85

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Field of \mathbb{F}_p is \mathbb{F}_p (Corollary)

$\approx 3.2 \times 10^4$ years for the α decay of ^{238}U .

GENERAL INFERENCE
A developing ridge of high pressure is moving east across the British Isles and a trough of low pressure is approaching from the Atlantic. Fair weather will predominate in most districts, but there will probably be local thunderstorms in England this evening and at first tonight. Weather will often be dull in western coastal districts with local fog and drizzle. Rain will probably reach Ireland from the Atlantic tomorrow morning. Warm and close in most districts.

FURTHER OUTLOOK
The rain in the west will spread eastwards, but the movement will probably be slow and there is a good prospect of weather remaining fair and warm in the East.

Chart of Weather in the Northern Hemisphere.

Morning of
Tuesday 29th July
1947

Clark's Projection Scale 1 : 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 10 20 40 60

EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.
WIND. Arrows show wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE. 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
— Cold Front on the surface
— Occluded Front (or Occlusion)
— Warm Occlusion
— Cold Occlusion
— Line 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 two hours to get double summer time

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

Tuesday 2nd July 1947

No. 31285

OBSERVATIONS at 00hr. G.M.T. 29th July

OBSERVATIONS at 06hr. G.M.T. 29th July

OBSERVATIONS at 09hr. G.M.T. 29th July

District.	STATIONS.	Height above M.S.L. in feet.	OBSERVATIONS at 00hr. G.M.T. 29th July										OBSERVATIONS at 06hr. G.M.T. 29th July										OBSERVATIONS at 09hr. G.M.T. 29th July																											
			Barom.			Wind.			Temp.			Cloud.			Barom.			Wind.			Temp.			Cloud.			Barom.			Wind.			Temp.			Cloud.														
			mb.	in.	h.	Dir.	Force.	Weather.	°F.	°C.	°F.	Low.	Med.	High.	mb.	in.	h.	Dir.	Force.	Weather.	°F.	°C.	°F.	Low.	Med.	High.	mb.	in.	h.	Dir.	Force.	Weather.	°F.	°C.	°F.	Low.	Med.	High.												
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)								
1	Kew	17	12.9	12.9	12.9	2	2	73	73	63	6	1	1	1	14.5	14.5	14.5	2	2	66	66	63	6	1	1	1	14.5	14.5	14.5	2	2	66	66	63	6	1	1	1	14.5	14.5	14.5	2	2	66	66	63	6	1	1	1
	Croydon	212	12.9	12.9	12.9	2	2	70	70	62	6	1	1	1	14.5	14.5	14.5	2	2	60	60	59	6	1	1	1	14.5	14.5	14.5	2	2	60	60	59	6	1	1	1	14.5	14.5	14.5	2	2	60	60	59	6	1	1	1
	S. Farnborough	386	13.1	13.1	13.1	2	2	63	63	59	7	1	1	1	15.3	15.3	15.3	2	2	55	55	57	6	1	1	1	15.3	15.3	15.3	2	2	55	55	57	6	1	1	1	15.3	15.3	15.3	2	2	55	55	57	6	1	1	1
	Boscombe Down	427	14.3	14.3	14.3	2	2	63	63	59	7	1	1	1	15.6	15.6	15.6	2	2	55	55	57	6	1	1	1	15.6	15.6	15.6	2	2	55	55	57	6	1	1	1	15.6	15.6	15.6	2	2	55	55	57	6	1	1	1
	Calshot	8	13.8	13.8	13.8	2	2	70	70	65	8	1	1	1	14.5	14.5	14.5	2	2	68	68	65	7	1	1	1	14.5	14.5	14.5	2	2	68	68	65	7	1	1	1	14.5	14.5	14.5	2	2	68	68	65	7	1	1	1
	Tangmere	53	12.6	12.6	12.6	2	2	74	74	71	6	1	1	1	14.5	14.5	14.5	2	2	68	68	65	7	1	1	1	14.5	14.5	14.5	2	2	68	68	65	7	1	1	1	14.5	14.5	14.5	2	2	68	68	65	7	1	1	1
	Lymington	341	11.3	11.3	11.3	2	2	68	68	65	7	1	1	1	12.9	12.9	12.9	2	2	66	66	65	7	1	1	1	12.9	12.9	12.9	2	2	66	66	65	7	1	1	1	12.9	12.9	12.9	2	2	66	66	65	7	1	1	1
	Marston	140	12.3	12.3	12.3	2	2	66	66	65	6	1	1	1	13.6	13.6	13.6	2	2	67	67	66	6	1	1	1	13.6	13.6	13.6	2	2	67	67	66	6	1	1	1	13.6	13.6	13.6	2	2	67	67	66	6	1	1	1
2	Sharncliffe	41	11.2	11.2	11.2	2	2	72	72	67	6	1	1	1	14.1	14.1	14.1	2	2	68	68	66	6	1	1	1	14.1	14.1	14.1	2	2	68	68	66	6	1	1	1	14.1	14.1	14.1	2	2	68	68	66	6	1	1	1
	Pelhamton	10	11.2	11.2	11.2	2	2	72	72	67	6	1	1	1	13.8	13.8	13.8	2	2	68	68	66	6	1	1	1	13.8	13.8	13.8	2	2	68	68	66	6	1	1	1	13.8	13.8	13.8	2	2	68	68	66	6	1	1	1
	Corleston	5	12.5	12.5	12.5	2	2	67	67	65	6	1	1	1	13.4	13.4	13.4	2	2	67	67	65	6	1	1	1	13.4	13.4	13.4	2	2	67	67	65	6	1	1	1	13.4	13.4	13.4	2	2	67	67	65	6	1	1	1
	Mildenhall	15	13.0	13.0	13.0	2	2	70	70	66	6	1	1	1	13.0	13.0	13.0	2	2	68	68	65	6	1	1	1	13.0	13.0	13.0	2	2	68	68	65	6	1	1	1	13.0	13.0	13.0	2	2	68	68	65	6	1	1	1
	West Raynham	250	14.2	14.2	14.2	2	2	68	68	65	6	1	1	1	12.6	12.6	12.6	2	2	68	68	65	6	1	1	1	12.6	12.6	12.6	2	2	68	68	65	6	1	1	1	12.6	12.6	12.6	2	2	68	68	65	6	1	1	1
	Waddington	335	13.3	13.3	13.3	2	2	70	70	66	6	1	1	1	12.6	12.6	12.6	2	2	68	68	65	6	1	1	1	12.6	12.6	12.6	2	2	68	68	65	6	1	1	1	12.6	12.6	12.6	2	2	68	68	65	6	1	1	1
	Crabfield	340	13.5	13.5	13.5	2	2	65	65	64	6	1	1	1	13.9	13.9	13.9	2	2	65	65	64	6	1	1	1	13.9	13.9	13.9	2	2	65	65	64	6	1	1	1	13.9	13.9	13.9	2	2	65	65	64	6	1	1	1
	Honiley	427	12.7	12.7	12.7	2	2	66	66	65	6	1	1	1	14.3	14.3	14.3	2	2	60	60	59	6	1	1	1	14.3	14.3	14.3	2	2	60	60	59	6	1	1	1	14.3	14.3	14.3	2	2	60	60	59	6	1	1	1
4	Little Rissington	731	13.9	13.9	13.9	2	2	64	64	61	6	1	1	1	15.2	15.2	15.2	2	2	60	60	58	6	1	1	1	15.2	15.2	15.2	2	2	60	60	58	6	1	1	1	15.2	15.2	15.2	2	2	60	60	58	6	1	1	1
	Defford	55	13.9	13.9	13.9	2	2	65	65	65	7	1	1	1	14.8	14.8	14.8	2	2	60	60	60	7	1	1	1	14.8	14.8	14.8	2	2	60	60	60	7	1	1	1	14.8	14.8	14.8	2	2	60	60	60	7	1	1	1
5	Bristol	209	14.8	14.8	14.8	2	2	61	61	59	6	1	1	1	15.6	15.6	15.6	2	2	61	61	60	6	1	1	1	15.6	15.6	15.6	2	2	61	61	60	6	1	1	1	15.6	15.6	15.6	2	2	61	61	60	6	1	1	1
	Harland Point	209	15.5	15.5	15.5	2	2	59	59	59	7	1	1	1	16.1	16.1	16.1	2	2	60	60	60	7	1	1	1	16.1	16.1	16.1	2	2	60	60	60	7	1	1	1	16.1	16.1	16.1	2	2	60	60	60	7	1	1	1
	Yeovilton	50	15.5	15.5	15.5	2	2	59	59	59	7	1	1	1	15.5	15.5	15.5	2	2	60	60	60	7	1	1	1	15.5	15.5	15.5	2	2	60	60	60	7	1	1	1	15.5	15.5	15.5	2	2	60	60	60	7	1	1	1
	Portland Bill	32	13.3	13.3	13.3	2	2	64	64	61	7	1	1	1																																				

OBSERVATIONS at 18h. G.M.T. 29th July

OBSERVATIONS during DAY

(29)¹⁵

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

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

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, Kingway, London, W.C.2.

The diagram illustrates the symbols used in a synoptic chart. A central circle contains the number '48'. Radiating from this center are lines connecting to various weather data points, each with a specific symbol:

- High Cloud:** Represented by a vertical line with a horizontal bar at the top.
- Total Amount of cloud:** Represented by a vertical line with a horizontal bar at the top.
- Wind:** Represented by a vertical line with a horizontal bar at the top.
- Barometer mb.:** Represented by a vertical line with a horizontal bar at the top.
- Bar. change in past 3 hours in tenths mbs:** Represented by a vertical line with a horizontal bar at the top.
- Weather in past hour:** Represented by a vertical line with a horizontal bar at the top.
- Past weather:** Represented by a vertical line with a horizontal bar at the top.
- Height of Low cloud:** Represented by a vertical line with a horizontal bar at the top.
- Amount of Low cloud:** Represented by a vertical line with a horizontal bar at the top.
- Low cloud:** Represented by a vertical line with a horizontal bar at the top.
- Dew Point °F.:** Represented by a vertical line with a horizontal bar at the top.
- Visiblity:** Represented by a vertical line with a horizontal bar at the top.
- Present weather:** Represented by a vertical line with a horizontal bar at the top.
- Temperature °F.:** Represented by a vertical line with a horizontal bar at the top.
- Medium cloud:** Represented by a vertical line with a horizontal bar at the top.

Below the diagram, the text reads: "Scale 1 : 5,000,000".

Scale 1 : 5,000,000

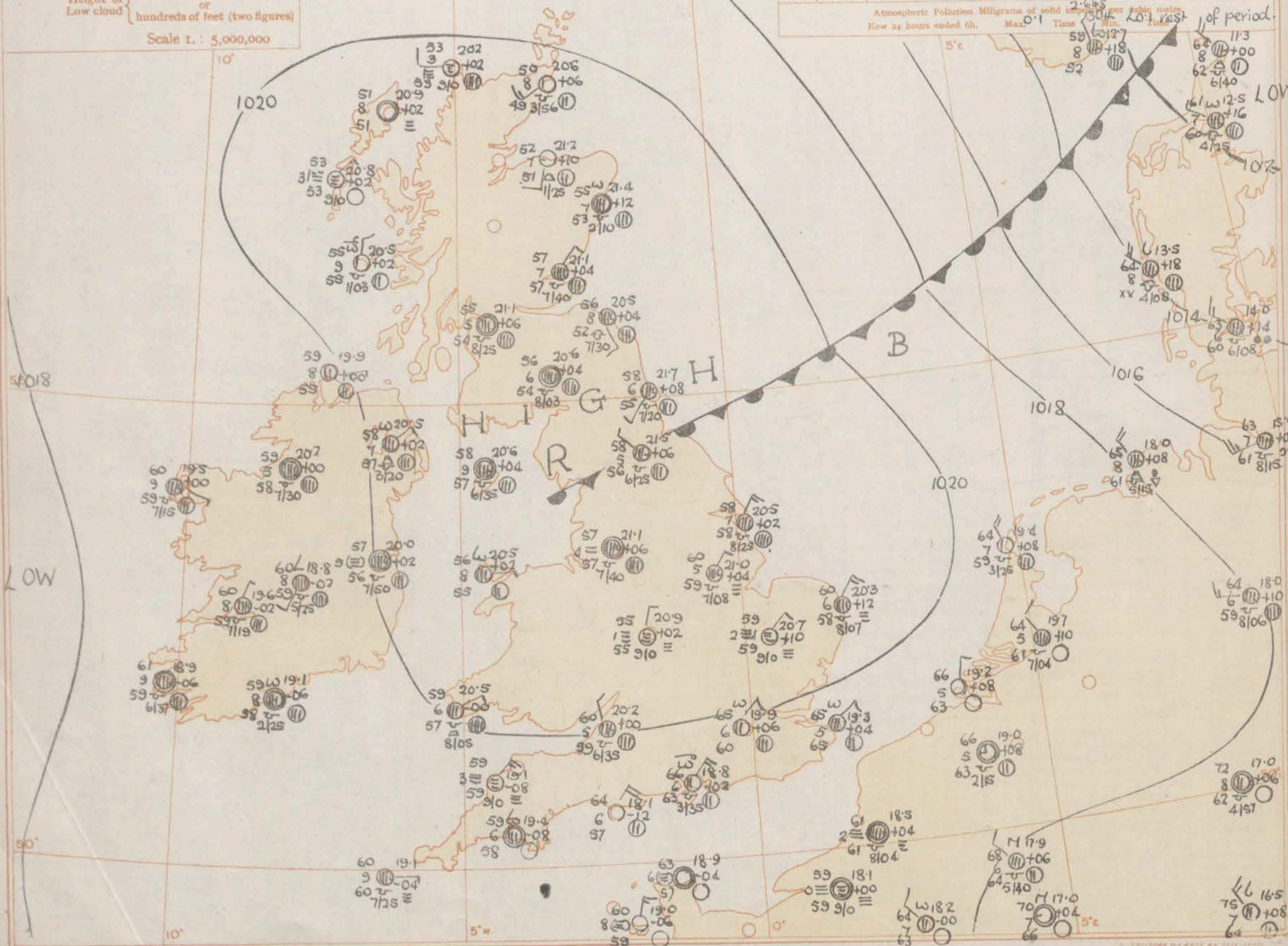
Wednesday 30th July

1947

Day 00h-18h: Kensington, 00h-21h at other stations.

Stations	Weather			Temperature			Rainfall		Sun- shine to sunset	Humidity	
	Morning	Afternoon	Night	Day	Night	Min. on grass	Day	Night		15h %	9h %
				Max.	Min.				hrs.		
				* F.	* F.	* F.	mm.	mm.	Yesterday	To-day	
Kew	bcmobc	bcb	bycw	80.	63	58	-	-	11.6	.	.
Croydon	bc	bcy	beym	81	64	59	-	-	12.2	58	75
Greenwich	b	bby	bcbm	82	64	57	-	-	10.2	50	83
Westminster	.	.	.	81	64	62	-	-	.	57	77
Regents Park	.	.	.	81	64	61	-	-	.	54	75
Camden Square	c	bc	.	81	64	59	-	-	.	.	77
Kensington	bc	bc	.	82	65	61	-	-	.	66	79
Hamstead	bc	bc	c	79	61	52	-	-	.	.	81

Atmospheric Pollution Milligrams of solid impurities per cubic metre.
Kew 24 hours ended 5h, Max. 0.1 Time { 2.6 hrs 30% 20.1 rest } of period



HMSO Dress, M.C. Dand Cadet

Anticyclone
low pressure
warm weather
Coast and
probably
of Ireland

Clark
Statute

BAROMETER.
WIND. AIRY
short leather
TEMPERATURE
WEATHER SYM
⊙ Sky 7/10
The hour of

FRONTS of
different origi-
nals are well
represented
by the
following
diagrams
NOTE
When

Anticyclone over British Isles moving steadily eastwards. Trough of low pressure approaching west Ireland slowly. It will be fair and warm with long bright periods in many districts but persistent coast and sea fog patches in extreme SW. occasional rain probably with thundery outbreaks will occur in western districts of Ireland later.

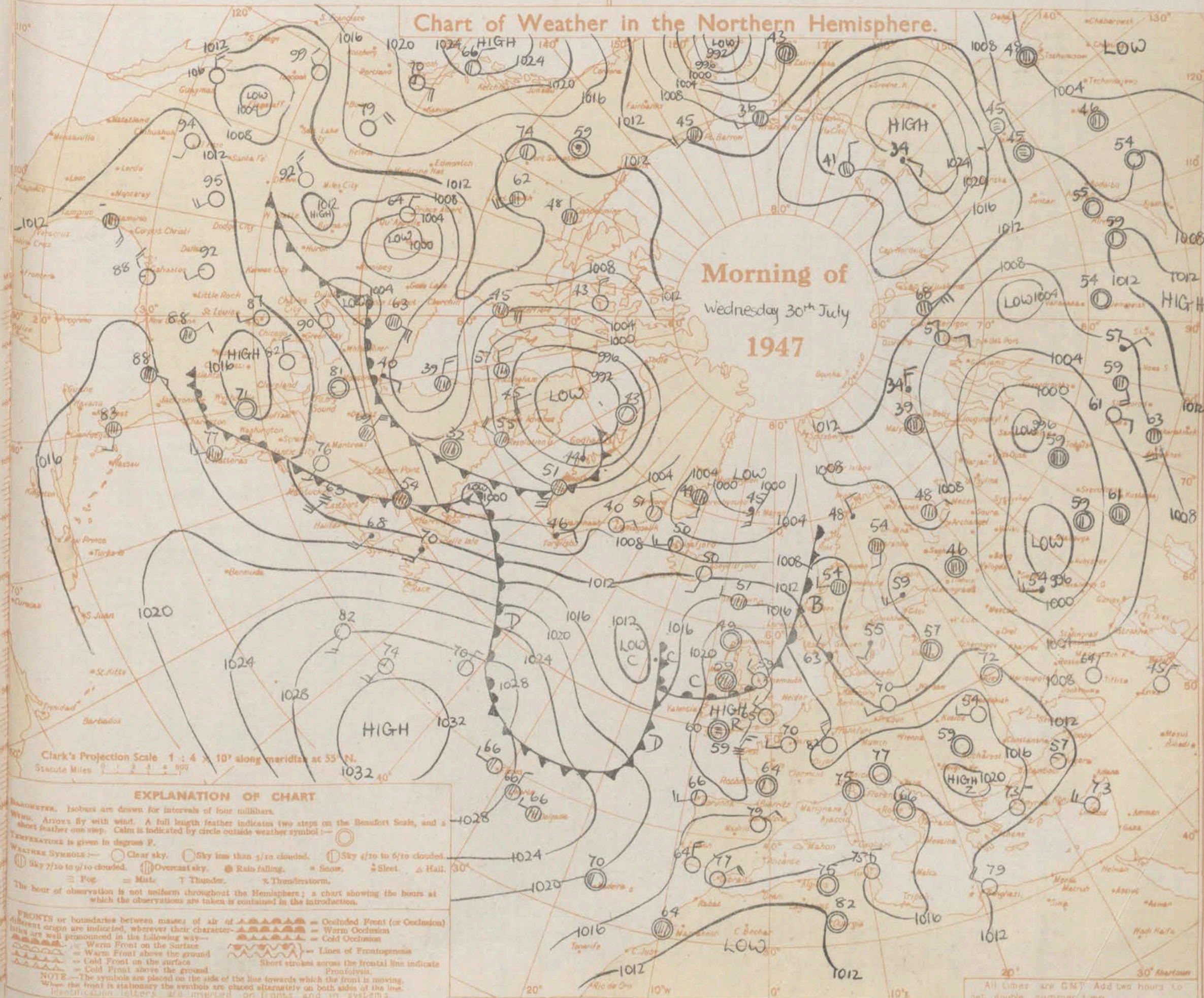
GENERAL INFERENCE

Fair and warm in eastern districts at first, but possibility of thundery outbreaks moving across the area from the West.

FURTHER OUTLOOK

Chart of Weather in the Northern Hemisphere.

Morning of
Wednesday 30th July
1947

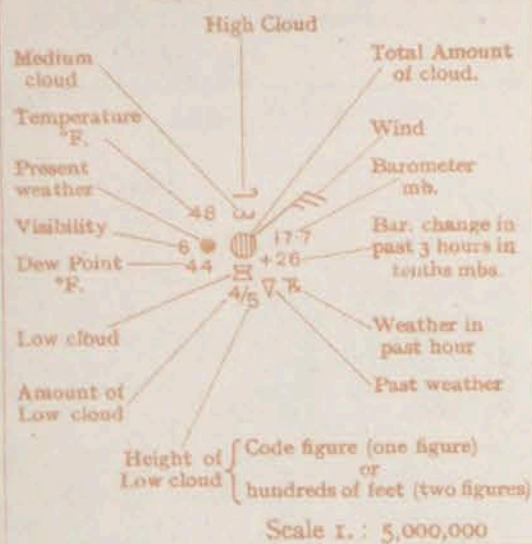


OBSERVATIONS at 00hr. G.M.T. 30th July															OBSERVATIONS at 06hr. G.M.T. 30th July															9 h.	OBSERVATIONS Tuesday NIGHT				
District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Visibility.	Cloud.					State of Sky	Weather.		Temperature		Rain.			
					Dir.	Force.				Form.	Amount.	Height of Base Hundreds of feet.	Dir.	Force.			Form.	Amount.				Height of Base Hundreds of feet.	Form.	Amount.	Height of Base Hundreds of feet.	rh. - ooh.		ooh. - ooh.	Min. P. (42)	Max. on Grass P. (43)					
					Low.	Med.				High.	Total.	A.	B.	Low.			Med.	High.				Total.	A.	B.	Low.	Med.		High.	Total.	A.	B.		rh. - ooh.	ooh. - ooh.	Min. P. (42)	Max. on Grass P. (43)
1	Kew	16	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Croydon	212	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	S. Farborough	226	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Boscombe Down	47	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Calshot	8	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Tangmere	53	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Lymington	341	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Manston	140	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
2	Rhosodryness	41	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Felixstowe	10	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Gorleston	5	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Mildenhall	13	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	West Raynham	250	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Waddington	233	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
3	Cranfield	340	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Honiley	427	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
4	Little Rissington	731	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Dafford	58	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
5	Bristol	209	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Hartland Point	200	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Yeovilton	50	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Portland Bill	32	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Exeter	106	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Plymouth	86	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	St. Eval	229	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Lizard	140	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Guernsey	340	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Scilly, St. Marys	163	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
6	Fairwood	188	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Pembroke	143	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Aberporth	485	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
7	Holyhead (Valley)	32	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Harwarden	15	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
8	Manchester	230	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Squires Gate	33	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
	Cardale	190	29.3	+6	2	2	69	61	6	4	4	4	4	29.3	+6	2	2	69	61	6	4	4	4	4	4	4	0	bcbw	ccmo	63	58	-			
9	Finningley	18	29.3	+6	2	2	69	61	6	4	4	4																							

OBSERVATIONS at 12h. G.M.T. 30th JulyOBSERVATIONS at 18h. G.M.T. 30th JulyOBSERVATIONS during DAY (30th)

Station.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Cloud.				Height of Base Hundreds of feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp.	Dew Point	Cloud.				Height of Base Hundreds of feet.	State of Ground.	Weather.				Max. Temp. 24h. °F.	Sun- shine hrs.	Rain 24h. inches.								
			Dir.	Force.			Low.	Med.	High.	Total.				Dir.	Force.			Low.	Med.	High.	Total.			Dir.	Force.	Low.	Med.				High.	Total.	Dir.	Force.	Low.	Med.	High.	Total.
(For heights see p. 4.)	mb.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)							
1 Kew	20.4	0	E	3	70	62	6	5	1	1	35	18.9	-8	E	4	69	60	6	5	1	1	31	0	cb	cb	72	2.0	TR										
2 Croydon	20.3	+2	E	3	69	63	6	5	1	1	35	18.8	-10	E	3	65	61	7	7	1	1	31	0	cb	cb	71	1.5	TR										
3 S. Farnborough	19.2	-10	E	4	75	61	6	5	1	1	35	18.5	-10	E	3	68	63	6	6	1	1	31	0	cb	cb	71	1.5	TR										
4 Beacombe Down	18.6	-8	E	3	75	63	6	5	1	1	35	17.8	-2	E	3	70	63	6	6	1	1	31	0	cb	cb	71	1.5	TR										
5 Calshot	20.1	+14	SSE	4	72	64	6	5	1	1	35	17.1	-12	S	2	70	66	6	6	1	1	31	0	cb	cb	71	1.5	TR										
6 Tangmere	18.7	-2	SE	4	73	63	6	5	1	1	35	17.1	-14	NE	4	72	64	6	6	1	1	31	0	cb	cb	71	1.5	TR										
7 Lympne	19.8	+2	NNE	4	68	61	5	5	1	1	35	18.7	-8	NEN	5	64	59	6	5	1	1	31	0	cb	cb	71	1.5	TR										
8 Manston	21.1	+2	NE	4	62	61	5	5	1	1	35	20.3	-2	NE	4	63	58	6	5	1	1	31	0	cb	cb	71	1.5	TR										
9 Sheerness	21.1	+2	E	3	65	61	5	5	1	1	35	20.8	-4	E	4	65	60	6	5	1	1	31	0	cb	cb	71	1.5	TR										
10 Felixstowe	21.1	+2	E	4	67	60	5	5	1	1	35	19.9	-6	E	4	66	60	6	5	1	1	31	0	cb	cb	71	1.5	TR										
11 Gorleston	21.7	+6	E	3	69	59	5	5	1	1	35	21.2	-8	E	3	66	57	7	5	1	1	31	0	cb	cb	71	1.5	TR										
12 Mildenhall	21.1	+2	NE	2	72	60	5	5	1	1	35	19.4	-12	E	3	69	59	6	5	1	1	31	0	cb	cb	71	1.5	TR										
13 West Raynham	21.3	-2	NE	3	69	59	5	5	1	1	35	20.5	-6	E	4	66	56	6	5	1	1	31	0	cb	cb	71	1.5	TR										
14 Waddington	21.3	-2	NE	3	72	59	5	5	1	1	35	21.7	+2	E	3	66	56	6	5	1	1	31	0	cb	cb	71	1.5	TR										
15 Cranfield	20.6	-2	E	4	68	60	5	5	1	1	35	18.6	-10	E	4	71	60	6	5	1	1	31	0	cb	cb	71	1.5	TR										
16 Hootley	21.1	-2	E	4	68	59	5	5	1	1	35	19.2	-6	E	3	69	59	6	5	1	1	31	0	cb	cb	71	1.5	TR										
17 Little Rye	20.5	-6	E	4	68	61	6	5	1	1	35	19.1	-8	E	2	66	63	6	5	1	1	31	0	cb	cb	71	1.5	TR										
18 Defford	20.6	-10	NNE	3	70	61	6	5	1	1	35	19.0	-10	NNE	3	68	63	6	5	1	1	31	0	cb	cb	71	1.5	TR										
19 Bristol	19.4	-10	NNE	3	71	62	6	5	1	1	35	18.2	-4	NE	3	70	64	6	5	1	1	31	0	cb	cb	71	1.5	TR										
20 Harland	19.4	-10	NE	1	68	62	6	5	1	1	35	17.4	-10	NE	1	64	60	7	1	1	1	31	0	cb	cb	71	1.5	TR										
21 Yeovilton	19.4	-10	NE	2	73	66	6	5	1	1	35	17.0	-10	NE	2	67	60	6	5	1	1	31	0	cb	cb	71	1.5	TR										
22 Portland Bill	19.6	-2	E	3	70	64	6	5	1	1	35	17.8	-4	E	3	65	62	6	5	1	1	31	0	cb	cb	71	1.5	TR										
23 Exmouth	19.8	-4	S	2	72	63	7	7	1	1	35	17.2	-12	S	1	74	65	7	4	1	1	31	0	cb	cb	71	1.5	TR										
24 Plymouth	19.8	-4	S	2	73	66	7	7	1	1	35	17.6	-10	S	1	72	64	7	4	1	1	31	0	cb	cb	71	1.5	TR										
25 St. Erme	19.0	-4	NW	2	71	61	6	5	1	1	35	18.2	-6	NW	2	67	58	6	5	1	1	31	0	cb	cb	71	1.5	TR										
26 Lizard	19.1	-4	SE	2	69	61	6	5	1	1	35	18.0	-10	SE	2	67	58	6	5	1	1	31	0	cb	cb	71	1.5	TR										
27 Guernsey	18.4	-4	N	3	69	62	6	5	1	1	35	17.0	-10	N	3	67	58	6	5	1	1	31	0	cb	cb	71	1.5	TR										
28 Scilly, St. Marys	19.2	0	NE	2	69	63	9	5	1	1	35	18.0	-10	NNE	3	65	62	8	5	4	1	31	0	cb	cb	71	1.5	TR										
29 Fairwood	19.8	-4	S	1	69	61	7	7	1	1	35	17.9	-6	S	1	71	61	7	5	1	1	31	0	cb	cb	71	1.5	TR										
30 Penbroke	20.1	-4	SE	2	65	59	7	7	1	1	35	18.6	-6	SE	2	66	61	7	5	1	1	31	0	cb	cb	71	1.5	TR										
31 Aberporth	20.1	-2	NE	2	68	61	7	7	1	1	35	18.7	-6	NE	2	64	61	7	5	1	1	31	0	cb	cb	71	1.5	TR										
32 Holyhead (Valley)	20.8	-2	WSW	3	70	60	8	5	1	1	35	19.3	-8	NE	3	67	61	7	5	1	1	31	0	cb	cb	71	1.5	TR										
33 Haverford	21.0	-6	SE	2	73	64	7	5	1	1	35	18.9	-14	E	1	70	65	6	5	1	1	31	0	cb	cb	71	1.5	TR										
34 Manchester	21.1	-2	SE	2	67	58	6	5	1	1	35	19.3	-14	E	2	69	60	6	5	1	1	31	0	cb	cb	71	1.5	TR										
35 Squires Gate	21.0	-2	E	2	70	63	6	5	1	1	35	19.7	-10	SE	1	70	63	6	5	1	1	31	0	cb	cb	71	1.5	TR										
36 Carlisle	20.6	+6	NNW	2	71	60	7	5	1	1	35	19.6	-6	NNW	2	69	57	8	5	3	1	31	0	cb	cb	71	1.5	TR										
37 Finsbury	21.9	-2	SSE	2	70	62	7	7	1	1	35	20.2	-14	ESE	3	70	62	7	4	1	1	31	0	cb	cb	71	1.5	TR										
38 Spurn Head	22.0	+2	E	3	67	58	7	7	1	1	35	22.0	0	E	3	62	59	7	7	1	1	31	0	cb	cb	71	1.5	TR										
39 Leeming	21.8	-2	SSE	3	69	57	7	7	1	1	35	20.1	-10	SSE	2	69	58	7	8	3	1	31	0	cb	cb	71	1.5	TR										
40 Tyasmoth	22.4	+4	SSE	3	60	54	7	7	1	1	35	21.4	-8	SE	2	60	54	7	8	3	1	31	0	cb	cb	71	1.5	TR										
41 Ackington	22.1	+2	ESE	3	62	58																																

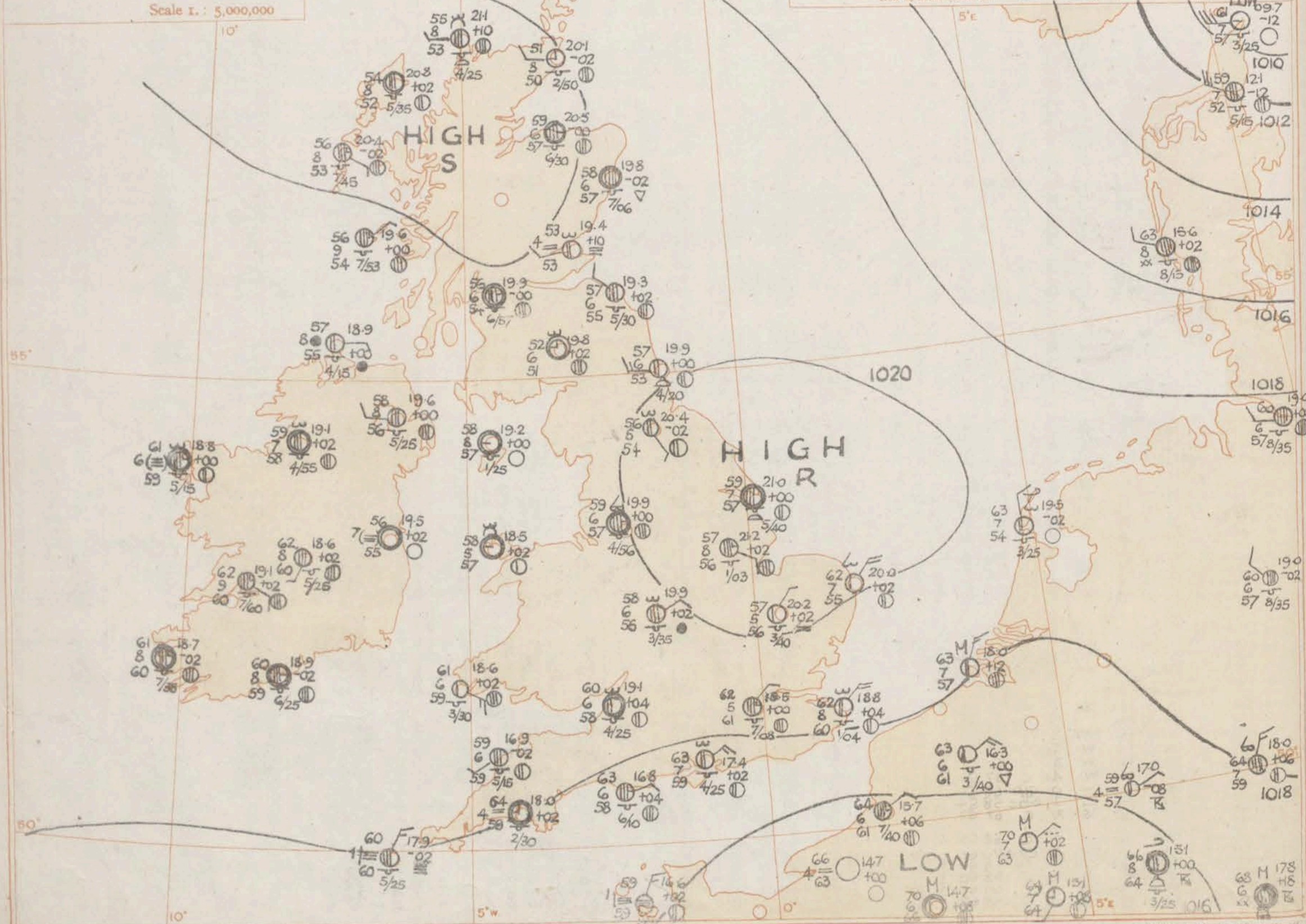
STATION MODEL

6h Thursday, 31st July. 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset		Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	hrs.	15h %	9h %
Kew ...	Low to cir	ci	me	72	61	58	-	-	2.0	-	-	-
Croydon ...	Low to cir	ci	me	71	60	56	-	-	1.5	85	85	85
Greenwich ...	Cir	Cir	ci	71	60	55	0.3	-	0.9	73	80	80
Westminster ...	.	.	.	78	61	59	1.0	-	.	71	77	77
Regents Park ...	C	E	.	72	60	57	-	-	.	71	79	79
Camden Square ...	C	E	.	72	60	57	-	-	.	.	76	76
Kensington ...	cbcc	cc	.	72	61	58	TR	TR	.	91	81	81
Hampstead ...	cp	C	O	70	57	52	TR	-	.	.	84	84

Atmospheric Pollution Milligrams of solid impurity per cubic meter
Kew 24 hours ended 6h. Max. Time 20h Min. Time 30hAn a
A sh
while
south
durin
will b
warm

110°

100°

90°

80°

70°

60°

50°

40°

30°

20°

10°

0°

-10°

-20°

-30°

-40°

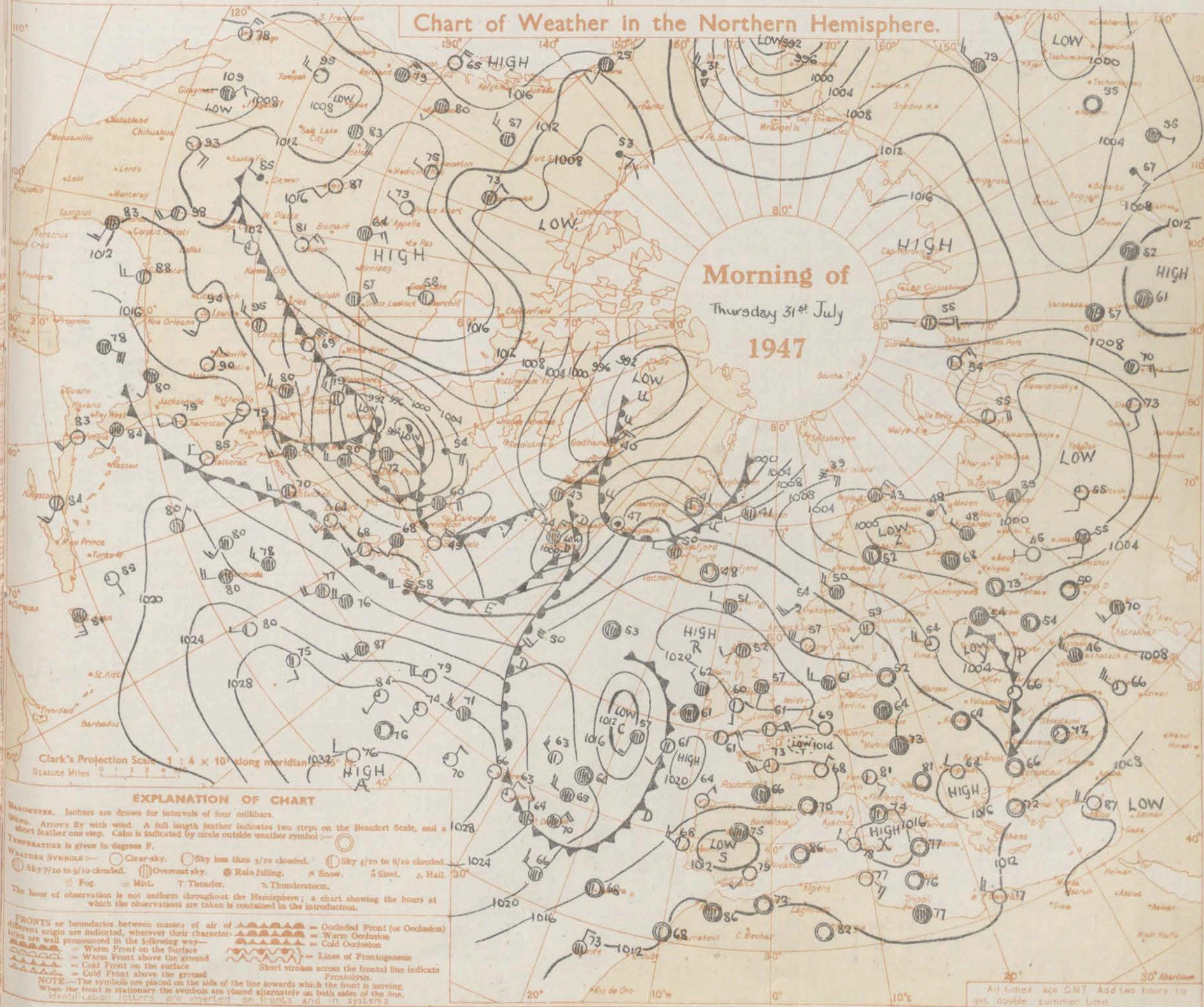
-50°

GENERAL INFERENCE
An anticyclone covering Scotland and the North Sea is moving slowly east. A shallow depression situated over north France is drifting slowly northward while a depression about 500 miles southwest of Ireland is moving very slowly southeastwards. The weather will be mainly fair with long bright periods, but during the afternoon and evening scattered showers will develop. The winds will be generally light variable but mainly easterly in the south. It will be generally warm, but only rather warm in some east coast areas.

FURTHER OUTLOOK
Warm weather continuing with light winds. It will become thundery, but considerable fair periods are probable in most areas.

Chart of Weather in the Northern Hemisphere.

Morning of
Thursday 31st July
1947



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

Thursday 31st July 1947

No. 81297.

[illegible]

* Information not usually received.

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