M.O. Form 2373

THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September,

1949

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. District Forecasts ceased to appear. On 1st January, 1949 new codes for the transmission of weather messages were introduced, based upon the recommendations of the Conference of Directors held at Washington in 1947. The principal changes affecting the Report are the use of knots for wind-speed instead of Beaufort Scale numbers and of degrees instead of compass points for wind direction, the introduction of "significant" cloud (main layer), the use of eighths instead of tenths for cloud amount, and changes in the codes for reporting visibility and cloud height. Corresponding changes have been made to the headings of columns.

Where code figures are entered in the tabular matter, these may be interpreted by reference to the number printed at the head of the column and the explanations of the various codes given below.

Stations are arranged according to Districts a map of which appears on Page III of this Introduction. The list of stations has been revised and the number of stations slightly reduced.

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 6 and 22).
The Barometric tendency is expressed in tenths of a millibar.

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

0 ... Ground dry.
1 ... ,, moist.
2 ... ,, wet.
3 ... ,, bare and frozen.
4 ... Glaze on ground but no slush or snow.
5 ... Ice, slush or snow covering less than one-half of ground.
6 ... Ice, slush or firm or settled snow covering more than one-half of ground (but not completely).
7 ... Ice, slush or firm or settled snow covering ground completely.
8 ... Loose dry snow covering more than one half of surface (but not completely).
9 ... Loose dry snow covering surface completely.

WIND SPEED AND DIRECTION

From 1st January, 1949, the speed of the wind is given in knots and the direction in degrees from true north, measured clockwise to nearest 10 degrees.

The following tables show (*a*) the approximate equivalents in knots, measured at 30-40 ft. above ground in an unobstructed situation, of the Beaufort numbers previously used for reporting wind force, (*b*) the equivalents in degrees of true wind direction expressed in compass points.

Table (*a*) Wind Speed

Beaufort number	Description	Speed in Knots
0	Calm	Less than 1
1	Light air	1–3
2	Light breeze	4–6
3	Gentle breeze	7–10
4	Moderate breeze	11–16
5	Fresh breeze	17–21
6	Strong breeze	22–27
7	Moderate gale	28–33
8	Fresh gale	34–40
9	Strong gale	41–47
10	Whole gale	48–55
11	Storm	56–63
12	Hurricane	64–71

Table (*b*) Wind Direction

Compass Points	Degrees (nearest 10)	Compass Points	Degrees (nearest 10)
Calm	00		
NNE	20	SSW	200
NE	50	SW	230
ENE	70	WSW	250
E	90	W	270
ESE	110	WNW	290
SE	130	NW	310
SSE	160	NNW	340
S	180	N	360

Form of Low Cloud (C_L)—Columns 9 and 25
0 No low cloud.
1 Cumulus with little vertical development.
2 Cumulus of considerable development with or without other Cumulus or Stratocumulus.
3 Cumulonimbus, tops not cirriform or anvil-shaped; with or without other forms of low cloud.
4 Stratocumulus formed by spreading out of Cumulus: Cumulus also often present.
5 Stratocumulus other than Type 4.
6 Stratus and/or Fractostratus but not of bad weather.
7 Fractostratus or Fractocumulus of bad weather ("scud") usually under Nimbostratus.
8 Cumulus and Stratocumulus other than Type 4.
9 Cumulonimbus, with cirriform top, often anvil-shaped. Other types of low cloud may be present.

Form of Medium Cloud (C_M)—Columns 10 and 26
0 No medium cloud.
1 Semi-transparent Altostratus through which sun or moon are visible.
2 Thick Altostratus or Nimbostratus through which position of sun or moon is indicated by a light patch.
3 Semi-transparent Altocumulus of unchanging elements; at a single level.
4 Semi-transparent Altocumulus in patches; elements continually changing; possibly at more than one level.
5 Semi-transparent Altocumulus in bands or in an increasing layer.
6 Altocumulus formed by spreading out of Cumulus.
7 Any of the following:—
(*a*) Double-layered Altocumulus not increasing.
(*b*) Thick layer of Altocumulus not increasing.
(*c*) Altostratus and Altocumulus both present.
8 Altocumulus tufted or turretted.
9 Altocumulus at different levels giving chaotic appearance to the sky. (Patchy dense Cirrus usually present).

Form of High Cloud (C_H)—Columns 11 and 27

0 No Cirriform Cloud.
1 Scattered Cirrus not increasing.
2 Dense Cirrus in patches; usually not increasing.
3 Cirrus often anvil-shaped; usually associated with Cumulonimbus.
4 Tufted Cirrus increasing and thickening.
5 Cirrus and/or Cirrostratus increasing but the continuous layer not reaching above 45° altitude.
6 Cirrus and/or Cirrostratus increasing with the continuous layer reaching above 45° altitude.
7 Complete layer of Cirrostratus covering whole sky.
8 Cirrostratus not increasing and not a complete layer covering whole sky.
9 Cirrocumulus alone or with Cirrus or Cirrostratus where the Cirrocumulus predominates. (Cirrocumulus may also be present with C_H1 and C_H8.)

Cloud Form Abbreviations

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

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 37, 41.

Tr: = rain has fallen, but amount less than 0·1 m.m.

Beaufort Notation and Symbols for Weather—
Columns 4, 20, and 34 on page 1, and 4, 20 and 38 on page 4.

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog, visibility less than 220 yds.
f_e, low fog over sea (coast station).
f_g, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
h(r), "hail" or "rain and hail."
jf, fog in the vicinity but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s_o, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s_o/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
Capital letters indicate intense; suffix $_o$ indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain.
rr, continuous rain.
<, less than (for cloud height).
gale symbol, gale.
⊕, Solar halo, lunar halo symbol lunar halo. Aurora symbol Aurora.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions thus: bc/r, fair weather after rain; —, has decreased; +, has increased.

Explanation of the symbols used in the chart on p. 2, will be found in M.O.515, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 9*d*. net. or post free 10*d*.

VISIBILITY—Columns 3 and 19

In the range 01 to 80 the figures give the actual visibility in fifths of kilometres, or furlongs. Thus 20 = 4 kms. or 2½ miles. The following Table gives the visibility for the ranges X0 to X9 and 80 to 89:—

Second code figure

First code figure	0	1	2	3	4	5	6	7	8	9
X	20	20	40	60	80	100	120	140	160	180 yards
8	10	12½	25	37	50	62	93	125	187	310 miles

GALE WARNINGS

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

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

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

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

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

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

FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND

FORECAST DISTRICTS and the Counties comprised within them

0. *London.*

1. *England, S.E.*
Kent.
Sussex.
Surrey.
Hampshire.
Berkshire.
Wiltshire.

2. *England, E.*
Essex.
Middlesex.
Hertford.
Bedford.
Huntingdon.
Cambridge.
Suffolk.
Norfolk.
Lincoln.

3. *Midlands, E.*
Buckingham.
Oxford.
Northampton.
Warwick.
Leicester.
Rutland.
Nottingham.

4. *Midlands. W.*
Gloucester.
Hereford.
Worcester.
Shropshire.
Stafford.

5. *England, S.W.*
Dorset.
Somerset.
Devon.
Cornwall.

6. *Wales S. & Mon.*
Monmouth.
Glamorgan.
Brecknock.
Carmarthen.
Pembroke.
Cardigan.
Radnor.

7. *Wales, N.*
Montgomery.
Merioneth.
Flint.
Denbigh.
Carnarvon.
Anglesey.

8. *England, N.W.*
Cheshire.
Lancashire.
Westmorland.
Cumberland.

9. *Midlands, N.*
Derby.
Yorkshire, W.

10. *England, N.E.*
Yorkshire, N. & E.
Durham.
Northumberland.

11. *Scotland, S.E.*
Roxburgh.
Selkirk.
Peebles.
Berwick.
Haddington.
Edinburgh.

11. *Scotland, S.E.* (*cont.*)
Linlithgow.
Clackmannan.
Kinross.
Fife.
Forfar.

12. *Scotland, S.W., and Isle of Man.*
Isle of Man.
Dumfries.
Kirkcudbright.
Wigtown.
Ayr.
Lanark.
Renfrew.
Dumbarton.
Stirling.

13A. *Scotland, W.*
Argyll.
Bute.

13a. *Scotland, N.W.*
Hebrides.
Western parts of Inverness, Ross and Cromarty, Sutherland.
(Boundary line runs from Rannoch Station through Fort Augustus, Beauly and Lairg to Melvich).

14. *Mid Scotland.*
Perth.

15. *Scotland, N.E.*
Kincardine.
Aberdeen.
Banff.
Elgin.
Nairn.
Caithness.
Eastern parts of Inverness, Ross, Sutherland.

16. *Orkneys and Shetlands.*

17. *Ireland, N.W.*
Galway.
Roscommon.
Mayo.
Sligo.
Leitrim.

18. *Ireland, N.E.*
Meath.
West Meath.
Longford.
Cavan.
Fermanagh.
Monaghan.
Louth.
Armagh.
Down.
Antrim.
Londonderry.
Tyrone.
Donegal.

19. *Ireland, S.E.*
Waterford.
Wexford.
Kilkenny.
Carlow.
Wicklow.
Offaly.
Leix.
Kildare.
Dublin.

20. *Ireland, S.W.*
Cork.
Kerry.
Limerick.
Tipperary.
Clare.

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

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

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

Stations.—*Kew.*—Temperature readings at Kew are taken in a large louvred 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 measurement 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., and Regent's Park and Westminster where the periods are 9h. to 15h. and 15h. 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.

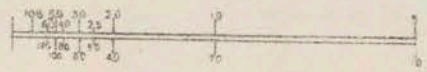
The wind at a height of 1,500–2,000 feet above the ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of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

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

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

GEOSTROPHIC WIND SCALES

Upper Scale—8 mb. isobars on 1 : 4 × 10^7 Charts.
Lower Scale—2 mb. ,, ,, 1 : 5 × 10^6 ,,



Knots.

This scale applies under the following conditions :—

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

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

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

Dew Point.—The values of Dew Point given in columns 8 and 24 are derived from the original readings of dry-bulb and wet-bulb temperature and are correct to 1° F. Prior to 1st January, 1949 values below 32° F. gave the "Hoar Frost Point" that is to say the temperature for which the actual vapour pressure is equal to the saturation pressure over ice. Since 1st January, 1949 the true Dew Point and not the Hoar Frost Point has been included in synoptic reports in circumstances where the actual vapour pressure is lower than the saturated water vapour pressure of 32° F., in accordance with Washington, 1947, Resolution No. 184.

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).

Particulars of Codes and Specifications which were adopted on 1st January, 1949 will be found in Parts II and III of M.O. 510 "Handbook of Weather Messages, Codes and Specifications" obtainable from H.M. Stationery Office, Part II price 1*s.* 8*d.* post free, Part III price 2*s.* 2*d.* post free. Part I (Transmission Schedules and Station code numbers) is in the press.

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.

H.M.S.O. Press, Dunstable

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

JULY, 1949 No. 390.

Mainly fine and warm. A thundery spell in middle of month

An anticyclone moved eastward over the country between 1st and 3rd maintaining fine very warm weather. A cold front trough on 4th produced a break in the long drought, except in some southwest areas, but rainfall amounts were small. A cool northerly air stream developed ahead of a large new anticyclone on the Atlantic, and on 7th temperatures only reached 55° at West Raynham and 58° at Kew. The anticyclone then came in over the British Isles and temperature rose again, reaching a peak on 12th, when Chivenor, Bristol, Waddington, Finningley and Camden Square recorded a maximum of 90°. The minimum on the following night was as high as 67° at Lympne and 66° at Calshot.

A shallow depression which was over Spain on 10th moved northwest and deepened, and on 13th an associated trough moved northwards to the British Isles. The main depression then moved slowly northeast and then east, being centred off Scilly on 15th and in the English Channel on 17th. During the period 13th to 17th there were outbreaks of thunderstorms and rain which gave substantial rainfall in nearly all areas except North Scotland, ending the long dry spell. At Tangmere however, there was only 1mm. during the period. In parts of Southwest England the drought commenced on June 8th and it was not generally broken there till July 14th, though some places in the area had rain on 13th. On that day there was an outbreak of severe thunderstorms in many Western, Central and Northern districts. Elmdon had a total of 43mm. (37mm. up to 2100), Silloth 45mm. and Ronaldsway (Isle of Man) 57mm. in the night. On 15th Wittering and Watnall had 48mm. of a continuous type. In Southeast England and the South Midlands the main thundery outbreaks were on 16th and 17th. Severe storms in the London area caused damage by lightning especially on 16th. Lyneham had 49mm. of rain on 16th and London Airport 25mm. on 17th. There was also some heavy rain in the Southwest, notably at Exeter which had 68mm. in the 24 hours ending 09·00 on 17th.

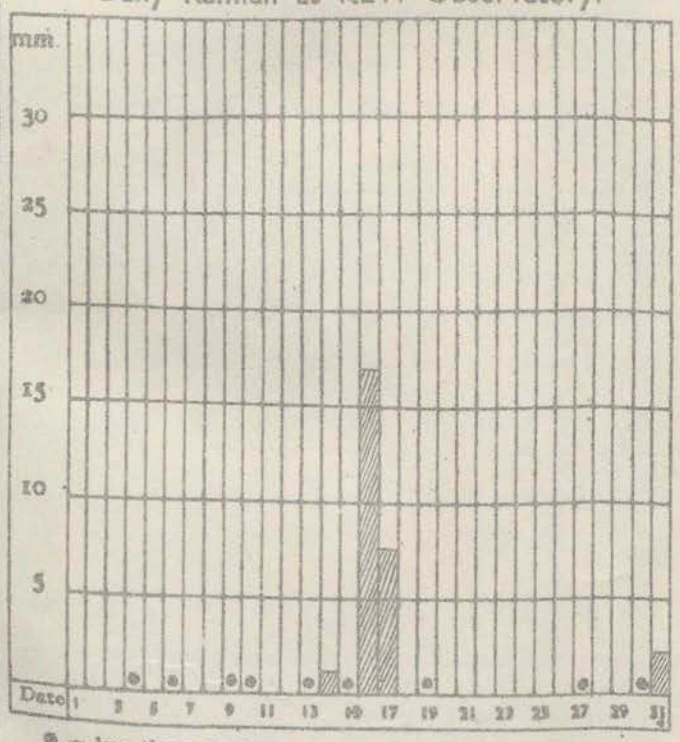
Dry cooler weather which had been slowly spreading southward reached the Southeast on 18th and another dry spell commenced in the Southeast which lasted till the early morning of 31st. A warm front on 20th gave rain in the West and North. A weak anticyclone developed over the country by 22nd and a period of warm, close, and mainly fair weather followed. Temperature again reached 80° in parts of London on 21st and again in London and at many other places till 27th. From 24th to 28th there were a number of maxima of 85°F. or slightly higher. There were local thunderstorms on 25th especially in Northeast England, where Finningley had 47mm. of rain. A westerly type of weather developed on 27th, with changeable weather in the North, but in Southern England the fine spell was only broken early on 31st, and temperature remained above average.

Except in Ireland sunshine was above average, especially in the South and Southwest.

Rainfall was below normal at most places and a large deficiency existed in Scotland and the Southern half of the country. The record at Shoeburyness was broken with only 5mm..

There was a fairly large increase of mean pressure and temperature over the whole British Isles.

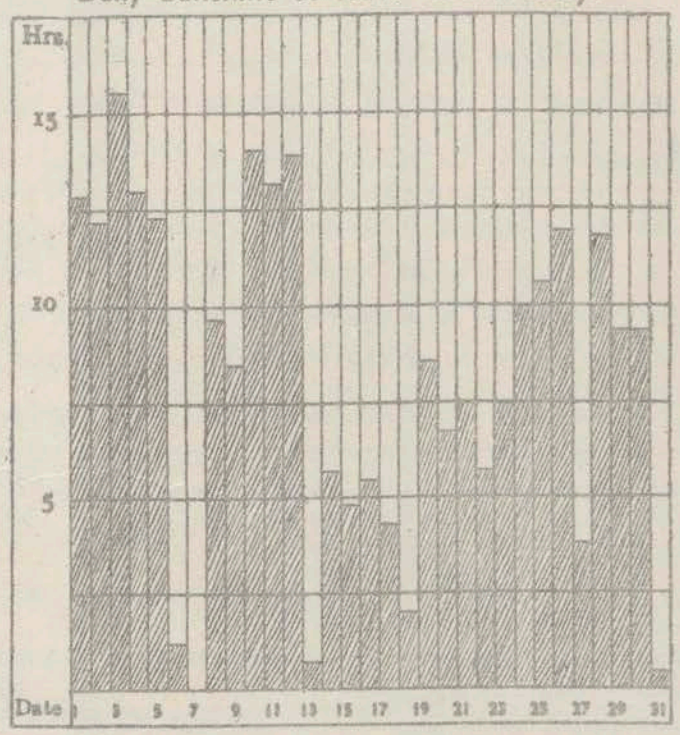
Daily Rainfall at KEW Observatory.



⊕ = less than 0·5 mm.

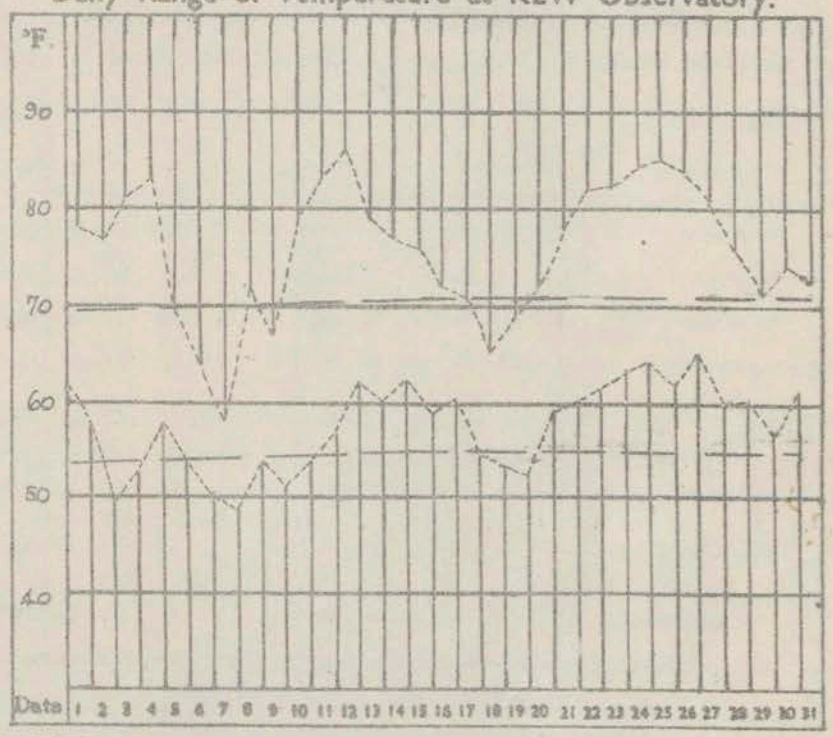
RAINFALL. Total for Month. 28 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 253 hrs.

Daily Range of Temperature at KEW Observatory.



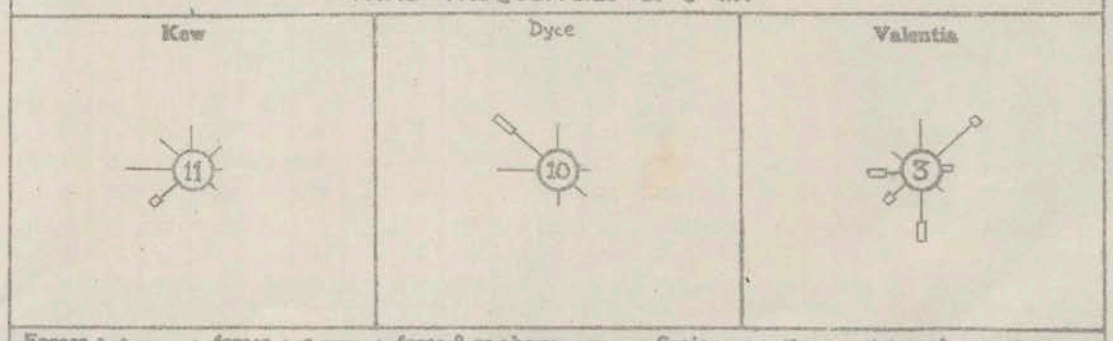
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

Stations.	Pressure: Mean	Pressure: Difference from average	Temperature: Mean	Temperature: Difference from average
	mb	mb.	°F.	°F.
Kew			~~63·3~~ 66·5	~~+0·5~~ +1·7
Dyce	1018·5	+5·5	57·1	+1·9
Valentia	1021·0	+4·9	61·1	+2·2

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

WIND FREQUENCIES at 8 hr.



Forces 1–3 ——; forces 4–7 ═══; force 8 or above ▬▬. Scale: ├10┤ to 10 observations
The figure in the centre of the circle gives the number of calms.

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

	miles.
Kew ...	
Lerwick ...	8040

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

District.	Stations.	†Temperature. Number of daily readings within fixed limits. Maximum. 51° to 59°	60° to 68°	69° to 77°	78° to 86°	87° or above	Average Maximum.	Minimum. 24° to 32°	33° to 41°	42° to 50°	51° to 59°	60° to 68°	Average Minimum.	Extremes—Warmest and Coldest. Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.
							°F.						°F.	°F.		°F.		°F.		°F.		
1	London ... (Kew Obsy).	1	3	13	14	0	72·8	0	0	3	14	14	56·2	86	12	58	7	68	27	49	{3 8	0
1	Croydon ...	1	2	14	13	1	71·9	0	0	7	17	7	54·6	87	12	57	7	63	27	46	{3 20	0
1	Calshot ...	0	9	16	6	0	69·8	0	0	1	18	12	56·0	85	24	62	7	66	13	49	8	0
1	Lympne ...	1	8	13	9	0	68·8	0	0	6	18	7	53·8	85	13	58	7	67	13	44	7	0
2	Shoeburyness...	1	7	13	9	1	71·8	0	0	7	15	9	54·4	87	28	59	7	64	27	45	7	0
2	Gorleston ...	1	17	10	3	0	67·9	0	0	5	16	10	55·4	81	27	57	7	64	27	47	2	0
2	Waddington ‡	2	8	12	7	2	71·0	0	0	8	21	2	52·6	90	12	55	17	63	27	43	8	0
3	Birmingham ... (Edgbaston)	1	11	8	10	1	69·3	0	0	5	22	4	54·1	87	12	55	17	64	{26 27	47	8	0
4	Ross-on-Wye...	0	6	14	10	1	70·6	0	0	6	20	5	53·7	88	12	60	17	65	27	46	{8 20	0
5	The Lizard ...	0	20	11	0	0	*	0	0	3	24	4	*	75	24	68	18	64	11	48	6	*
7	Holyhead (Valley	0	21	7	3	0	62·9	0	0	4	26	1	55·1	79	{11 12 13	60	30	60	23	46	8	0
8	Hawarden ℙ	0	12	13	5	1	68·8	0	0	2	18	11	53·2	88	13	60	16	67	27	49	8	0
10	Tynemouth ...	9	13	9	0	0	64·7	0	0	2	25	4	53·9	77	{4 27	55	{14 16	62	12	48	19	0
11	Leuchars ...	7	13	8	3	0	65·8	0	0	8	23	0	50·9	79	{10 25	55	15	59	22	43	7	0
12	Renfrew ...	2	13	15	1	0	66·0	0	0	7	23	1	51·5	79	9	55	14	60	23	43	20	0
12	Eskdalemuir ...	8	9	14	0	0	64·0	0	1	20	10	0	48·8	77	11	51	14	57	26	35	20	1
13B	Stornoway ...	6	22	3	0	0	60·9	0	0	8	23	0	50·5	72	22	57	18	57	12	42	20	0
15	Dyce ...	10	13	8	0	0	64·2	0	0	17	14	0	49·6	76	{2 10	54	{13 15	57	22	43	7	0
18	Aldergrove ...	2	17	11	1	0	64·9	0	1	8	21	1	51·5	79	11	54	14	62	27	41	7	0
19	Birr Castle ...	1	13	14	3	0	67·0	0	0	3	25	3	52·5	83	12	57	16	62	27	45	7	0
20	Valentia ... (Cahirciveen)	1	23	6	1	0	63·7	0	0	3	21	7	54·7	79	12	59	16	62	{13 26	47	1	0

District.	Stations.	Low Cloud. Number of observations within fixed limits. 9 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	15 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	21 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Fog, Mist and Good Visibility. Number of observations within fixed limits. 9 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	15 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London ... (Kew Obsy).	1	17	4	0	23	2	0	16	6	0	0	0	2	13	0	0	0	0	20
1	Croydon ...	3	16	0	0	23	0	0	17	2	0	0	0	1	18	0	0	0	0	25
1	Calshot ...	3	17	0	1	19	1	0	13	1	0	0	0	0	20	0	0	0	0	22
1	Lympne ...	3	16	2	2	19	0	2	8	2	0	0	0	0	24	0	0	0	0	24
2	Shoeburyness...	3	14	1	1	18	3	0	16	2	0	0	0	0	17	0	0	0	0	25
2	Gorleston ...	4	17	2	2	20	3	2	12	4	0	0	0	0	14	0	0	0	1	19
2	Waddington ‡	8	15	0	3	22	0	3	15	1	0	0	0	0	18	0	0	0	0	26
3	Birmingham ... (Edgbaston)	5	15	0	3	24	0	3	14	0	0	0	1	2	17	0	0	0	0	27
4	Ross-on-Wye...	2	16	0	2	28	0	2	19	0	0	0	0	0	27	0	0	0	0	30
5	The Lizard ...	3	22	1	1	23	0	0	24	0	0	0	1	0	27	0	0	0	0	26
7	Holyhead (Valley	3	16	3	3	23	0	3	18	2	0	0	0	1	24	0	0	0	0	27
8	Hawarden ℙ	2	19	1	0	27	0	1	19	3	0	0	0	0	18	0	0	0	1	19
10	Tynemouth ...	2	27	0	2	28	0	1	29	1	0	1	0	0	18	0	0	0	0	23
11	Leuchars ...	8	21	0	1	29	0	5	23	0	0	0	0	2	27	0	0	0	0	30
12	Renfrew ...	3	26	0	1	29	0	4	22	1	0	0	0	2	16	0	0	0	0	26
12	Eskdalemuir ...	5	25	0	4	26	0	5	22	0	0	0	1	0	27	0	0	0	0	29
13B	Stornoway ...	6	23	2	1	28	1	4	21	2	0	0	0	0	27	0	0	0	0	29
15	Dyce ...	4	25	1	2	28	0	7	23	0	0	0	0	1	25	0	0	0	1	26
18	Aldergrove ...	8	23	0	4	27	0	6	25	0	0	0	0	0	27	0	0	0	1	28
19	Birr Castle ...	0	30	0	0	31	0	1	26	1	0	0	0	0	28	0	0	0	0	29
20	Valentia ... (Cahirciveen)	6	24	0	7	23	0	5	22	1	0	0	0	0	27	0	0	0	0	29

UPPER AIR TEMPERATURE.

Pressure mb.	Mean Height feet	Birchan Newton (31 Reports) (03h) Normal Temp °F	Mean Temp. °F	Aldergrove (31 Reports) (03h) Normal Temp. °F	Mean Temp °F	Camborne (31) (03h) Mean Temp. °F	Larkhill (03h) Mean Temp. °F	Downham Market (31) (03h) Mean Temp. °F	Liverpool (03h) Mean Temp. °F	Lerwick (31) (03h) Mean Temp. °F	Valentia (31) (03h) Mean Temp. °F
Surf.					54·8	58·1		55·3		50·7	64·2
900	3,240	50·8		47·4	48·1	52·3		51·9		44·2	50·8
800	6,390	41·2		39·2	41·8	44·9		42·2		38·8	46·1
700	9,876	31·6		30·7	33·4	36·2		32·8		30·8	37·1
600	13,792	19·3		+18·7	20·9	23·6		20·9		18·7	25·3
500	18,278	+4·0		+3·5	5·5	8·2		4·4		4·4	10·7
400	23,561	-16·2			-15·7	-12·6		-17·5		-17·8	-10·4
300	30,049				-34·0	-40·4		-44·5		-45·6	-37·8
200	38,640				-62·8	-64·4		-62·2		-59·7	-53·1

UPPER WINDS.

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

Pressure mb.	Larkhill (31 Reports) (03h) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	Downham Market (31 Reports) (03h) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	Liverpool (31 Reports) (03h) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	Lerwick (31 Reports) (03h) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots
Surf.	31	0	0	0	0	0	31	0	0	0	0	0	25	6	0	0	0	0	30	1	0	0	0	0
900	23	8	0	0	0	0	24	7	0	0	0	0	13	18	0	0	0	0	24	7	0	0	0	0
800	21	10	0	0	0	0	16	15	0	0	0	0	10	19	2	0	0	0	18	13	0	0	0	0
700	14	15	2	0	0	0	15	15	1	0	0	0	11	17	3	0	0	0	13	18	0	0	0	0
600	14	12	5	0	0	0	14	12	4	1	0	0	6	21	4	0	0	0	15	15	1	0	0	0
500	7	17	6	1	0	0	8	16	3	4	0	0	3	17	9	2	0	0	12	14	5	0	0	0
400	6	13	7	5	0	0	5	17	5	4	0	0	2	14	10	4	0	1	5	18	6	2	0	0
300	4	11	8	4	3	1	2	14	8	3	3	1	1	12	7	7	2	0	4	12	8	6	1	0
200	2	10	10	5	4	0	3	10	11	3	3	1	2	4	14	6	2	0	6	12	7	5	0	0

† The readings used are the maximum for the period 09 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 data covering at least 10 years (see M.O. 364).

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

SUNSHINE, RAINFALL, AND HUMIDITY ..... JULY, ... 1949

SUNSHINE.

District.	Stations.	Number of Days with Duration. Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month. First year of record.	Highest. Hrs.	Year.	Lowest. Hrs.	Year.
1	London ... (Kew Obsy).	1	4	6	5	15	15·5	3	1677 ~~1679~~	+206 ~~+210~~	251 ~~258~~	+57 +59	1880	334	1911	96	1944
1	Croydon ...	1	3	6	3	18	15·2	3	1876	+350	273	+53	1922	297	1928	113 (30 days.)	1944
1	Calshot ** ...	0	4	4	3	20	15·0	1	2128	+379	305	+74	1881	310	1934	147	1932
1	Lympne ...	1	3	2	8	17	15·3	4	1987	+222	282	+42	1921	307	1935	153	1927, 1937
2	Shoeburyness ...	1	3	6	8	13	15·2	3	1795	+79	246	+19	1919	311	1928, 1935	128	1919
2	Gorleston ...	2	4	8	4	13	15·5	3	1669	+26	226	+15	1908	309	1935	103	1910
2	Waddington ‡ ..	4	7	3	7	10	14·1	2	1604	+66	204	−2	1921	266	1935	113	1937
3	Birmingham ... (Edgbaston)	4	6	3	9	9	13·6	3	1447	+143	194	+23	1887	271	1911	67	1887
4	Ross-on-Wye ...	2	5	2	9	13	14·9	1	1707	+222	247	+55	1915	271	1934	95	1944
5	Falmouth ... (Observatory)	0	2	2	10	17	14·8	1	1910 ~~1922~~	+230 ~~+212~~	286 ~~254~~	+105 ~~+87~~	1881	346	1911	107	1944
7	Holyhead (Valley)	2	3	8	7	11	14·7	10	1644	+94	232	+41	1914	255	1934	123	1920
8	Hawarden ‖ ...	3	4	8	6	10	14·5	10, 11	1603	+227	211	+38	1923	244	1934	68	1944
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*
11	Leuchars ...	4	5	6	7	9	15·6	10	1679 ~~1672~~	+209 ~~+202~~	205 ~~198~~	+33 ~~+26~~	1922	244	1935	91	1931
12	Renfrew ...	4	5	6	7	9	14·8	10	1373	+180	198	+49	1921	231	1934	86	1931
12	Eskdalemuir ...	4	9	6	2	10	14·3	7	1277	+76	178	+26	1910	217	1935	75	1931
13B	Stornoway ...	2	9	9	7	4	15·1	9	1247	+32	144	−1	1881	227	1917	57	1939
15	Dyce ⊕ ...	4	8	6	7	6	14·8	6	1534	+112	168	+11	1881	239	1911	83	1931
18	Aldergrove ...	3	11	5	8	4	12·4	10	1312	−14	135	−16	1927	220	1942	87	1939
19	Birr Castle	5	8	7	7	4	14·1	7	1208	−98	134	−15	1881	224	1911	79	1944
20	Valentia ... (Cahirciveen)	4	11	4	7	5	15·1	10	1315	−53	154	−3	1880	235	1918	71	1932

* Extreme values are those for Aberdeen about 6 miles from Dyce.

RAINFALL.

District.	Stations.	‡Number of days with amount. 0, trace of 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hours. mm.	Date.	Total for past 12 months. mm.	Difference from average. mm.	Total for Month. †† mm.	Difference from average. mm.	Highest and Lowest Totals on record for Month. First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Snow or Sleet.
1	London ... (Kew Obsy).	26	3	0	1	1	0	17	16	454	−152	28	−35	1856	124	1880	4	1921	4	0
1	Croydon ...	22	5	3	1	0	0	9	16	531	−148	17	−43	1921	105	1936	3	1921	3	0
1	Calshot ** ...	26	1	4	0	0	0	4	14	531	−115	12	−29	1871	111	1920	4	1921	2	0
1	Lympne ...	25	3	1	2	0	0	8	17	466	−258	18	−36	1920	126	1927	6	1935	4	0
2	Shoeburyness ...	28	1	2	0	0	0	3	10	364	−139	5	−42	1920	90	1940	7	1921	1	0
2	Gorleston ...	22	7	1	1	0	0	8	31	385	−237	17	−42	1871	150	1875	7	1897	3	0
2	Waddington ‡ ..	20	6	2	2	0	1	29	15	515	−75	57	−2	1917	251	1932	10	1921	3	0
3	Birmingham ... (Edgbaston)	23	1	2	3	1	1	25	15	708	+34	70	+11	1893	167	1936	7	1911	5	0
4	Ross-on-Wye ...	25	3	3	0	0	0	4	16	617	−100	10	−48	1859	197	1872	6	1911, 1935	3	0
5	Falmouth ... (Observatory)	24	1	1	5	0	0	12	14	827	−280	47	−25	1871	178	1924	8	1913	1	0
7	Holyhead (Valley)	22	4	1	3	1	0	20	20	689	−198	47	−19	1871	197	1920	8	1935	1	0
8	Hawarden ‖ ...	23	2	2	3	0	1	35	14	617	−21	73	+11	1922	132	1939	18	1934	2	0
10	Tynemouth ...	23	3	1	3	1	0	18	13	478	−148	37	−24	1915	174	1940	13	1935	0	0
11	Leuchars ...	21	4	1	3	1	1	41	4	636	−17	77	+11	1922	181	1940	17	1928	1	0
12	Renfrew ...	22	3	3	2	1	0	20	13	1148	+209	47	−24	1921	136	1936	35	1935	0	0
12	Eskdalemuir ...	19	2	7	2	1	0	23	13	1663	+234	67	−38	1910	225	1938	25	1913	0	0
13B	Stornoway ...	13	11	6	1	0	0	9	30	1250	+49	35	−38	1890	175	1871	22	1913	0	0
15	Dyce ⊕ ...	19	3	5	3	1	0	23	25	690	−123	64	−13	1871	195	1940	14	1878	2	0
18	Aldergrove ...	16	8	2	5	0	0	11	20	758	−80	43	−30	1920	154	1939	27	1936	1	0
19	Birr Castle	13	10	4	3	0	1	28	13	854	+27	76	+1	1880	186	1880	8	1863	*	*
20	Valentia ... (Cahirciveen)	15	5	7	3	1	0	17	30	1287	−127	55	−36	1866	223	1937	22	1898	*	*

† Rainfall at Valentia & Birr Castle, measured at 06 & 18h.

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	0	4	3	5	16	3	0
Ross-on-Wye ...	0	1	0	0	3	7	13	6	1	0
Falmouth (Obsy.)	0	2	7	11	8	3	0	0	0	0
Renfrew ..	0	0	0	5	6	10	7	3	0	0
Eskdalemuir ..	0	1	2	1	9	9	6	3	0	0
Dyce ...	0	0	2	5	13	9	2	0	0	0
Valentia ...	0	1	3	9	15	2	1	0	0	0

STATE OF GROUND AT 21 h.

No. of Days each Type was recorded

Stations.	0	1	2	3	4	5	6	7	8	9
London (Kew) ...	25	6	0	0	0	0	0	0	0	0
Ross-on-Wye ...	26	5	0	0	0	0	0	0	0	0
Renfrew ...	25	4	2	0	0	0	0	0	0	0
Eskdalemuir ...	20	9	2	0	0	0	0	0	0	0
Dyce ...	12	19	0	0	0	0	0	0	0	0
Valentia ...	19	12	0	0	0	0	0	0	0	0

CODE for State of Ground.

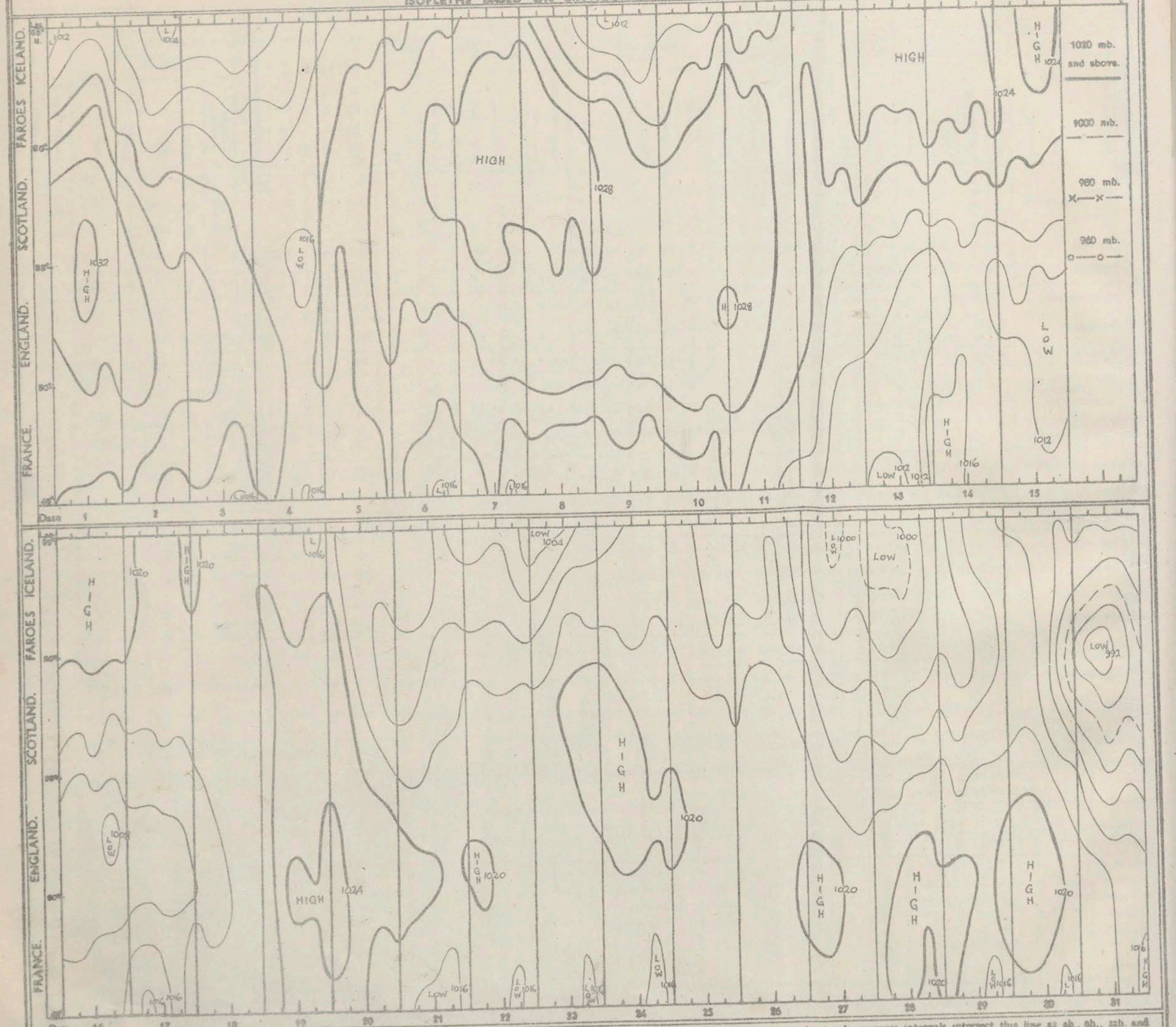
0 Dry
1 Moist
2 Wet
3 Bare and Frozen
4 Glaze on Ground but no ice, slush or snow
5 Ice, slush or snow covering less than half the ground
6 Ice, slush or snow covering more than half of ground (but not completely)
7 Ice, slush or snow completely covering ground
8 Loose dry snow covering more than half of ground (but not completely)
9 Loose Dry snow completely covering ground

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

†† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between 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, ... 1949

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.

H.M.S.O. Prem. M.O. Dunstable

Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 1st July 1949

No. 31998

OBSERVATIONS at 12h. G.M.T. 30th June

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	230	05	46	c	25.3	-14	74	61	5	—	—	6	6	45	1	35
	London Airport	220	05	32	c	25.6	-13	76	60	1	3	—	7	7	—	2	25
1	Lympne	160	04	64	o	26.5	-03	61	55	6	—	—	8	8	15	—	—
	Tangmere	200	07	36	o	26.9	-03	63	58	6	—	—	8	8	07	—	—
	Calshot	160	05	32	z	26.6	-04	63	59	—	3	—	6	6	—	—	—
	Boscombe Down	250	05	56	c	25.6	-05	74	61	5	7	—	7	7	—	4	25
2	Felixtowe	160	08	48	c	26.1	-02	65	57	5	3	—	6	4	25	—	—
	Gorleston	340	09	48	c	25.5	+02	61	55	5	—	—	7	7	30	—	—
	West Raynham	210	06	56	c	24.6	-10	68	53	5	3	—	7	7	—	4	50
	Mildenhall	250	02	48	c	24.9	-12	73	61	6	3	—	7	7	—	3	15
3	Cranfield	250	06	32	c	24.2	-09	74	59	1	3	—	7	6	80	1	30
	Elmdon	220	08	32	c	24.4	-04	75	55	—	7	—	6	6	84	—	—
	Wittering	310	03	24	c	24.7	-08	73	60	8	7	—	6	5	30	3	20
	Watnall	270	06	28	c	24.5	-05	71	59	—	3	—	7	7	65	—	—
4	Little Rissington	250	11	64	bc	25.5	-02	74	54	—	3	—	5	5	83	—	—
	Ross-on-Wye	250	08	81	b	25.6	+01	78	53	1	4	—	1	1	30	—	—
	Shawbury	310	12	81	c	25.1	+01	76	57	4	[illegible]	1	7	7	60	—	—
5	Bristol	280	08	64	bc	25.6	-02	77	60	1	3	—	3	1	30	—	—
	Exeter	230	09	48	c	26.6	-02	74	64	1	7	—	6	1	30	—	—
	Portland Bill																
	Plymouth	200	05	56	bc	26.6	+02	69	61	1	3	—	5	5	—	1	15
	Chivenor	270	10	83	bc	26.9	+04	74	57	—	7	9	5	5	84	—	—
	St. Eval	350	06	82	jf	27.0	+01	75	57	—	7	—	6	6	—	—	—
	Lizard	—	0	16	bc	26.6	+01	74	62	—	8	—	4	4	—	—	—
	Scilly, St. Mary's	—	0	82	bc	27.0	+04	75	60	—	3	—	3	3	85	—	—
	Guernsey	270	04	48	bc	26.6	-09	77	62	—	—	9	3	—	—	—	—
	Aberporth	280	15	81	bc	25.8	+03	69	64	6	8	—	4	2	01	—	—
6	Pembroke	270	05	44	c	26.8	+05	66	63	1	3	—	6	6	83	1	26
7	Holyhead (Valley)	240	12	64	bc	25.6	+06	65	58	5	7	—	5	1	60	—	—
8	Manchester	290	09	24	iro	25.3	+03	66	57	5	—	—	8	8	60	—	—
	Squires Gate	240	12	80	c	24.9	+02	68	60	8	3	—	7	4	60	1	30
	Silloth	240	11	81	c	23.7	+05	66	57	8	—	—	7	7	60	1	30
9	Finningley	—	0	14	o	24.2	-04	72	61	5	7	—	8	8	—	3	12
10	Spurn Head	230	04	24	o	24.0	-14	69	58	5	—	—	8	8	15	—	—
	Leeming	—	0	24	c	23.5	+01	73	57	1	7	—	6	5	70	1	30
	Tynemouth	270	02	10	c	23.2	00	68	59	5	—	—	7	7	12	—	—
11	St. Abb's Head	310	05	40	c	21.5	+01	64	54	5	—	—	6	6	25	—	—
	Leuchars	270	08	80	c	21.5	-01	71	55	8	6	—	6	5	28	3	20
12	Eskdalemuir	190	09	81	c	22.5	+06	67	56	8	3	—	6	4	25	—	—
	Prestwick	300	17	81	c	24.4	+18	63	55	5	7	—	7	5	40	1	20
	West Freugh	340	20	82	bc	24.1	+07	67	58	8	3	—	5	5	80	3	25
	Ronaldsway	270	15	56	c	25.0	+08	66	59	8	7	—	7	2	25	1	15
13A	Tiree	280	13	81	c	24.4	+19	57	50	8	—	—	7	7	20	2	08
13B	Benbecula	280	14	82	bc	22.6	+16	63	48	8	3	1	4	1	23	—	—
	Stornoway	260	15	82	c	21.7	+20	63	49	2	—	2	7	6	25	—	—
	Cape Wrath	270	13	83	ir	20.9	+21	57	49	8	2	—	5	3	20	—	—
	Sule Skerry	230	09	81	bc	20.3	+08	58	48	6	—	—	4	4	20	—	—
14	Loch Rannoch																
15	Dyce	010	06	48	c	20.8	+03	66	60	5	3	—	7	5	25	—	—
	Lossiemouth	290	19	81	c	21.0	+12	63	56	8	—	—	7	4	35	3	25
	Wick	320	15	82	c	20.7	+11	59	56	2	7	—	7	7	25	—	—
16	Lerwick	180	10	24	roro	20.4	00	52	52	6	—	—	8	8	01	—	—
17	Blacksod Point	280	09	81	c	27.3	+17	62	51	8	—	—	7	7	25	—	—
18	Malin Head	320	09	82	bc	25.9	+20	61	49	1	3	—	5	2	83	3	26
	Aldergrove	280	15	82	c	25.4	+18	67	52	8	—	—	7	7	30	1	25
	Castle Archdale	310	16	82	c	26.7	+22	61	51	3	—	—	6	6	25	—	—
19	Birr Castle*	270	09	81	bc	26.8	+12	68	53	1	—	—	4	4	35	—	—
	Collinstown*	310	17	82	bc	25.4	+05	71	57	2	—	—	5	5	20	—	—
	Rineanna*	330	10	82	bc	28.4	+16	66	51	2	—	—	3	3	28	—	—
20	Valentia*	330	13	81	bc	28.8	+10	63	57	8	—	—	4	3	95	1	27
	Midleton*	330	12	82	c	27.1	+11	69	61	6	3	—	6	3	55	—	—

OBSERVATIONS at 18h. G.M.T. 30th June

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Main layer Amt. 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21 h State of ground (33)
Kew	—	0	72	bc	24.7	-01	81	54	2	4	—	3	2	35	—	—	0
London Airport	300	05	64	bc	24.6	00	81	49	2	7	—	4	1	—	3	25	0
Lympne	210	07	32	c	25.8	-02	61	57	6	3	—	6	4	10	—	—	0
Tangmere	240	07	48	bc	26.2	00	65	59	6	3	—	5	1	10	—	—	0
Calshot	230	05	64	bc	26.1	-03	66	59	—	3	—	4	4	—	—	—	0
Boscombe Down	260	10	80	bc	25.0	-01	78	53	2	3	—	3	3	—	1	35	0
Felixtowe	160	04	40	c	25.1	+01	64	59	—	7	—	7	7	81	—	—	0
Gorleston	160	13	48	c	25.1	+02	61	58	5	3	—	8	7	70	4	50	0
West Raynham	350	03	40	bc	24.6	+05	73	58	5	—	—	5	5	40	—	—	0
Mildenhall	—	0	44	o	24.9	+06	75	62	5	—	—	8	8	45	—	—	0
Cranfield	360	04	56	bc	24.4	+03	75	57	—	8	—	5	—	—	—	—	0
Elmdon	330	12	64	bc	25.0	+05	76	58	2	6	—	5	1	83	4	30	0
Wittering	310	05	40	bc	24.9	+02	77	55	2	3	—	4	4	83	1	60	0
Watnall	310	10	81	bc	25.7	+09	73	54	1	4	—	1	1	35	—	—	0
Little Rissington	290	09	80	c	25.3	+08	75	52	8	—	—	6	6	35	3	30	0
Ross-on-Wye	300	12	81	bc	25.7	+06	78	53	1	6	—	3	1	35	—	—	0
Shawbury	340	15	82	bc	26.3	+10	71	57	8	—	8	4	4	40	1	28	0
Bristol	250	13	81	b	25.8	+03	75	58	1	4	—	2	2	35	—	—	0
Exeter	310	15	80	b	26.6	-01	79	58	—	—	—	0	0	0	—	—	0
Portland Bill																	
Plymouth	290	10	81	b	26.7	+01	77	54	—	—	—	0	0	0	—	—	0
Chivenor	290 (300)	10	81	b	27.8	+01	68	63	1	—	—	1	3	25	—	—	0
St. Eval	[illegible]	07	81	b	28.2	+01	67	63	1	—	—	1	1	40	—	—	0
Lizard	350	04	81	b	27.5	+04	73	57	—	—	—	0	0	0	—	—	0
Scilly, St. Mary's	350	09	56	b	27.9	+01	71	65	—	—	—	0	0	0	—	—	0
Guernsey			48	2	26.8	+02	74	61	—	3	—	—	—	—	—	—	0
Aberporth	290	03	81	bc	27.4	+07	66	59	6	7	9	3	1	—	—	—	0
Pembroke	270	09	48	b	27.7	+03	66	59	1	3	—	2	1	25	—	—	0
Holyhead (Valley)	340	08	64	bc	27.0	+09	67	58	8	—	9	3	1	40	1	25	0
Manchester	310	11	80	b	28.3	+08	70	58	1	—	1	2	2	38	—	—	0
Squires Gate	310	08	80	bc	27.0	+09	67	58	2	3	1	4	3	35	—	—	0
Silloth	290	15	82	bc	26.2	+14	67	51	4	4	4	4	2	45	—	—	0
Finningley	290	15	56	bc	24.6	+05	75	54	2	—	—	3	3	35	—	—	0
Spurn Head	130	02	20	2	24.4	+04	68	61	8	—	—	5	5	15	—	—	0
Leeming	310	13	83	b	24.5	+05	75	52	1	—	1	2	2	35	—	—	0
Tynemouth	270	12	40	bc	24.2	+08	73	54	2	—	—	5	5	30	—	—	0
St. Abb's Head	310	13	83	b	23.6	+11	67	46	2	—	—	1	1	40	—	—	0
Leuchars	290	15	84	b	24.4	+19	69	46	4	—	—	2	2	25	—	—	0
Eskdalemuir	260	10	83	bc	25.4	+09	62	46	4	—	4	3	1	25	—	—	0
Prestwick	300	17	82	bc	27.2	+12	64	51	8	4	—	4	1	30	—	—	0
West Freugh	340	20	82	b	27.4	+16	63	51	2	3	1	2	2	83	1	35	0
Ronaldsway	350	12	82	bc	27.5	+08	64	49	—	—	2	5	—	—	—	—	0
Tiree	290	12	81	bc	27.6	+16	60	46	8	—	—	4	3	32	2	20	0
Benbecula	260	15	82	jp	26.3	+15	59	47	8	—	—	7	7	28	1	20	0
Stornoway	250	12	83	jp	25.6	+23	58	50	8	—	—	8	6	30	3	26	1
Cape Wrath	270	19	83	c	23.9	+12	55	49	8	—	—	7	7	25	—	—	0
Sule Skerry	230	13	81	bc	23.6	+08	59	51	6	—	—	3	3	40	—	—	0
Loch Rannoch																	
Dyce	020	10	81	bc	24.7	+21	62	51	8	—	—	3	3	26	3	35	1
Lossiemouth	300	15	83	bc	24.9	+18	64	47	8	—	—	5	4	39	—	—	0
Wick	290	17	82	b	24.1	+14	61	49	5	—	1	2	2	45	—	—	0
Lerwick	270	11	81	bc	22.1	+10	57	49	2	8	2	3	1	24	—	—	1
Blacksod Point	300	09	81	c	30.3	+10	61	49	2	3	6	6	2	84	2	32	0
Malin Head	320	09	81	c	28.9	+15	59	50	8	3	—	7	3	83	4	21	0
Aldergrove	300	14	82	c	28.2	+13	64	48	5	—	1	7	5	30	3	25	1
Castle Archdale	310	15	82	bc	29.3	+15	62	49	2	—	8	5	2	25	—	—	1
Birr Castle*	290	09	81	c	29.0	+09	70	51	1	3	—	6	2	35	—	—	0
Collinstown*	320	12	83	bc	28.3	+13	68	51	1	3	1	5	1	37	—	—	0
Rineanna*	310	15	83	c	30.9	+13	65	50	4	3	4	6	4	84	2	36	0
Valentia*	340	14	81	b	31.1	+10	62	51	4	5	—	2	1	35	—	—	0
Midleton*	360	12	81	b	29.2	+07	69	52	—	3	—	2	2	85	—	—	0

OBSERVATIONS during DAY (30th June)

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	c2occybcy c2o	82	6.7	—
London Airport	c2oybcybyc	84	*	—
Lympne	cbcc	67	2.5	—
Tangmere	cmob2obcm.of	69	4.8	—
Calshot	om.cm.bcbm	72	8.7	—
Boscombe Down	bc2cbcbbcy	83	10.2	—
Felixtowe	oc2oc2obcm.	67	3.1	—
Gorleston	ocmocpromocmobmow	64	1.5	Tr
West Raynham	cmoc2cirocbc	75	2.7	Tr
Mildenhall	cmoc2oyc2o	81	3.2	—
Cranfield	cmobcyc2o	79	4.4	—
Elmdon	c2ocybcybybc	80	*	—
Wittering	omoc2oybcyc	79	4.3	—
Watnall	omocirom.obybc	77	4.9	Tr
Little Rissington	cmocbcy	80	8.2	—
Ross-on-Wye	bcyoybybcyc	82	9.2	—
Shawbury	ccybcyc	77	6.4	—
Bristol	cbcybc	81	8.8	—
Exeter	cmo2obcybyb	81	11.3	—
Portland Bill			•	
Plymouth	cmobcb2oby	77	12.4	—
Chivenor	cbcrybbcf9	76	10.7	—
St. Eval	cjfcbbcf	77	11.1	—
Lizard	jfbc2b	76	11.7	—
Scilly, St. Mary's	bcifbcb	76	12.5	—
Guernsey	b2bc2b	77	13.6	—
Aberporth	ccbcc	72	9.3	—
Pembroke	fbcmo	69	9.1	—
Holyhead (Valley)	cb	71	7.3	—
Manchester	cirobcyb	75	7.2	0.1
Squires Gate	bccbcb	69	9.5	—
Silloth	cbcbcybc	69	·	—
Finningley	cmo2obcybc2o	78	5.9	—
Spurn Head	cmocmo	74	2.5	—
Leeming	cmobcyby	77	5.5	—
Tynemouth	cmocbcmo	75	·	—
St. Abb's Head	cmobcmobbc	71	•	—
Leuchars	cmoybcybc	75	9.1	—
Eskdalemuir	cmocprocbcyb	70	4.5	Tr
Prestwick	cirobcy	67	7.1	Tr
West Freugh	cbcbybcyc	69	·	—
Ronaldsway	cbcyb	70	8.4	—
Tiree	bcc	63	8.5	—
Benbecula	cprobccjp	64	7.9	Tr
Stornoway	bccjproc	64	5.5	0.1
Cape Wrath	iriroc	58	•	—
Sule Skerry	bcb	61	•	—
Loch Rannoch				
Dyce	crorctlrrmob	68	4.4	4
Lossiemouth	c	67	8.6	—
Wick	cidoproc	63	4.7	Tr
Lerwick	crorom.cbc	57	4.1	3
Blacksod Point	c	64	6.6	—
Malin Head	bcc	63	6.6	Tr
Aldergrove	ccyc	69	5.8	—
Castle Archdale	cbc	65	9.4	—
Birr Castle*	c	73	8.7	1
Collinstown*	cbc	72	10.2	1
Rineanna*	c	68	9.3	Tr
Valentia*	rbc	66	10.0	0.4
Midleton*	cb	72	9.1	—

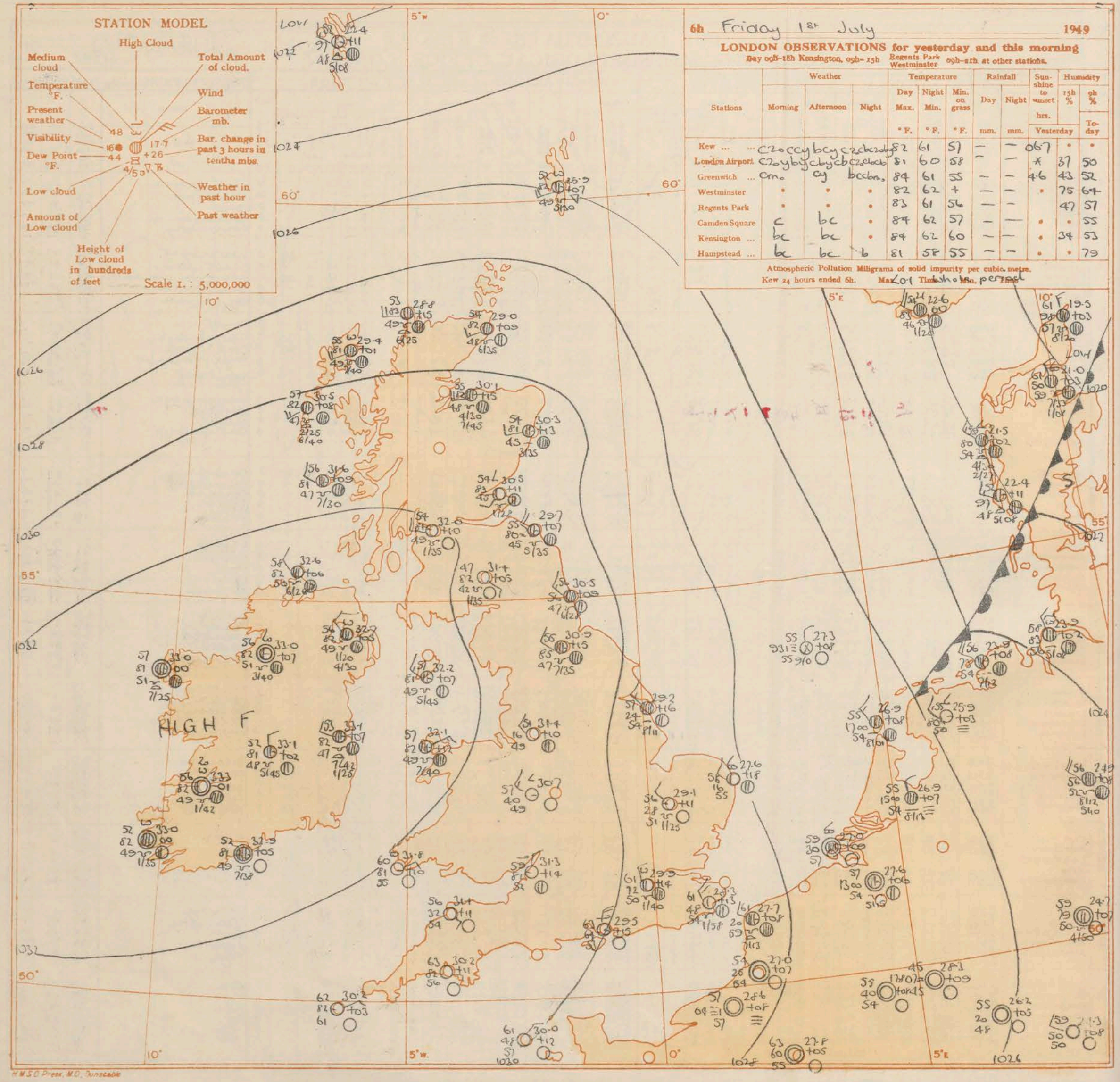
*Rainfall read at 1800.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

←→ Cloud heights are in hundreds of feet

* Information not usually received.

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



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

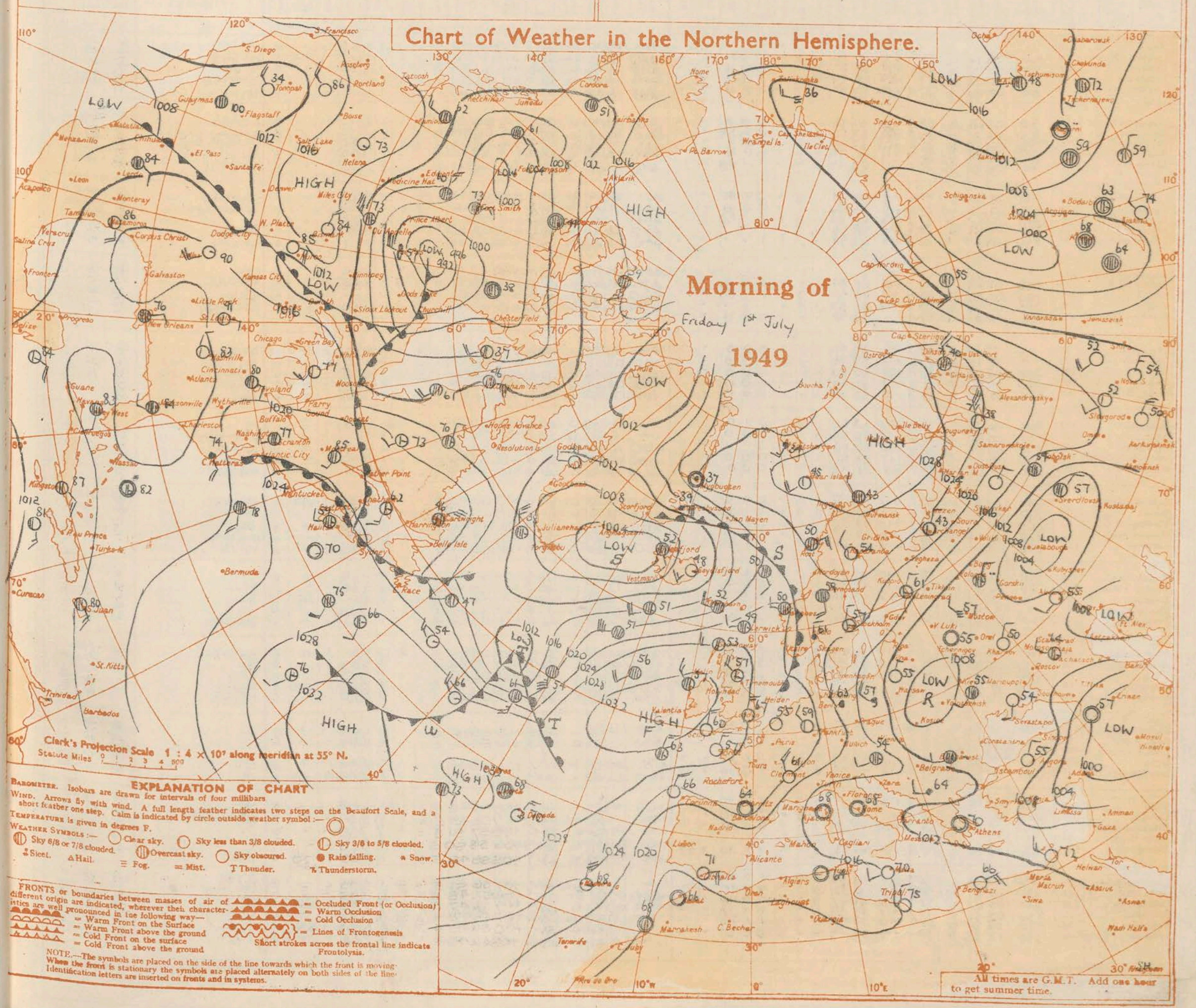
GENERAL INFERENCE

Fair or fine over most of the country today, but a depression moving North-east over the Atlantic will bring some rain or drizzle to North Ireland and West Scotland later tonight or tomorrow morning. There will be a good deal of strato cumulus cloud near the East coast of England and in West Scotland, and some broken strato cumulus will probably form inland in England this afternoon.

FURTHER OUTLOOK

Continuing fair or fine and warm in England and Wales; less settled further north.

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 1st July 1949

No. 31998

OBSERVATIONS at 00hr G.M.T. 1st July

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt 0-8 (31)	Cloud: Lowest layer: Ht. (32)
0	Kew	18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	London Airport	82	360	08	36	b	27.4	+19	67	56	–	3	–	2	2	81	–	–
1	Lympne	341	–	0	16	b	26.6	+04	58	57	–	–	–	0	0	0	–	–
	Tangmere	53	–	0	08	b/f	27.1	+04	55	54	6	–	–	3	3	06	–	–
	Calshot	8	310	08	64	b	27.4	+09	60	57	–	–	–	0	0	0	–	–
	Boscombe Down	414	310	03	48	b	27.9	+18	62	56	–	–	–	0	0	0	–	–
2	Felixtowe	10	310	03	24	bc	26.3	+07	62	59	5	–	–	4	4	35	–	–
	Gorleston	5	270	08	28	b	25.4	+03	62	59	–	–	–	0	0	0	–	–
	West Raynham	250	280	08	24	b	26.5	+11	61	58	–	–	–	0	0	0	–	–
	Mildenhall	15	340	08	64	bc	27.1	-12	62	55	5	–	–	1	1	60	–	–
3	Cranfield	340	340	01	24	b	27.6	+17	63	55	1	8	–	2	1	30	–	–
	Elmdon	328	320	11	36	b	29.0	+15	59	56	–	–	–	0	0	0	–	–
	Wittering	236	340	10	48	b	29.9	+13	60	54	–	4	–	1	1	83	–	–
	Watnall	366	300	06	72	b	28.3	+15	58	53	–	–	1	1	–	–	–	–
4	Little Rissington	740	340	05	64	b	28.8	+19	62	54	–	–	1	1	–	–	–	–
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury	235	270	08	64	b	29.7	+14	57	52	–	–	–	0	0	0	–	–
5	Bristol	209	050	03	80	b	28.8	+17	62	55	–	3	–	1	1	85	–	–
	Exeter	100	300	02	56	b	29.4	+14	61	55	–	4	–	1	–	–	–	–
	Portland Bill	32	310	05	81	b	28.4	–	62	59	–	–	–	0	0	0	–	–
	Plymouth	90	–	0	64	b	29.1	+11	63	59	–	–	–	0	0	0	–	–
	Chivenor	20	–	0	10	2	29.5	+12	59	56	–	–	–	0	0	0	–	–
	St. Eval	336	360	05	00	bf	30.0	+09	60	60	–	–	–	0	0	0	–	–
	Lizard	240	050	03	56	b	29.2	+13	61	60	–	–	–	0	0	0	–	–
	Scilly, St. Mary's	163	360	07	80	b	29.8	+10	60	59	–	–	–	0	0	0	–	–
	Guernsey	340	350	06	48	2	28.8	+09	63	60	–	–	–	0	0	0	–	–
	Aberporth	375	120	05	80	b	30.0	+14	56	54	–	–	–	0	0	0	–	–
6	Pembroke	142	250	03	80	b	30.0	+20	60	58	–	–	8	2	–	–	–	–
7	Holyhead (Valley)	32	350	05	80	b	30.4	+17	53	51	–	–	–	0	0	0	–	–
8	Manchester	230	300	07	24	b	29.7	+15	52	49	–	–	–	0	0	0	–	–
	Squires Gate	33	330	09	81	b	29.7	+12	60	47	–	–	–	0	0	0	–	–
	Silloth	25	310	10	81	b	30.1	+17	57	49	5	4	–	2	1	30	–	–
9	Finningley	52	340	09	40	b	28.3	+19	58	50	–	–	–	0	0	0	–	–
10	Spurn Head	29	310	10	48	bc	26.7	+13	62	57	5	–	–	3	3	15	–	–
	Leeming	105	300	09	64	b	28.6	+18	56	45	4	–	–	1	1	35	–	–
	Tynemouth	108	310	13	56	bc	28.3	+20	57	47	5	–	–	3	3	20	–	–
11	St. Abb's Head	280	310	05	80	bc	28.2	+15	57	49	5	–	–	5	5	40	–	–
	Leuchars	36	–	0	32	bc	29.1	+23	52	46	64	3	–	3	1	–	2	15
12	Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick	30	310	09	80	b	30.7	+18	56	46	5	3	–	2	1	40	1	27
	West Freugh	52	340	16	56	bc	30.3	+15	56	48	5	3	–	5	3	45	–	–
	Ronaldsway	55	350	10	82	bc	31.3	+18	53	49	5	–	–	5	5	40	–	–
13A	Tiree	29	290	08	81	c	30.5	+16	54	50	5	3	2	7	4	35	–	–
13B	Benbecula	16	260	15	82	bc	28.8	+12	56	48	8	3	–	5	5	30	1	26
	Stornoway	10	240	10	81	bc	27.9	+15	53	50	5	–	2	5	3	40	–	–
	Cape Wrath	367	270	13	83	c	26.6	+15	53	47	5	–	–	7	7	30	–	–
	Sule Skerry	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce	234	–	0	80	c	28.3	-19	57	48	5	–	–	6	6	35	–	–
	Lossiemouth	21	260	10	81	c	27.9	+14	57	48	8	–	–	7	0	30	2	25
	Wick	119	260	12	83	c	27.5	+16	54	47	5	–	–	7	7	30	–	–
16	Lerwick	269	260	06	81	c	29.6	+11	49	47	5	3	–	7	6	20	–	–
17	Blacksod Point	18	320	07	81	c	32.7	+08	57	51	1	–	–	6	6	35	–	–
18	Malin Head	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove	220	320	09	81	c	32.0	+21	56	48	5	–	–	7	7	30	3	25
	Castle Archdale	225	340	09	81	c	32.1	+14	56	50	5	–	–	7	7	30	–	–
19	Birr Castle *	187	290	05	81	bc	32.7	+19	56	52	5	–	–	5	5	40	–	–
	Collinstown *	226	340	09	82	c	32.7	+19	57	47	5	–	–	7	7	40	–	–
	Rineanna *	10	350	09	81	c	33.2	+14	54	49	5	–	–	7	7	38	–	–
20	Valentia *	30	030	02	81	b	33.0	+10	53	48	4	–	1	1	1	28	–	–
	Midleton *	30	350	13	80	b	32.1	+15	55	48	–	–	–	0	0	0	–	–

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 1st July

Stations	Wind: Direction (degrees) (37)	Wind: Speed (kts.) (38)	Visibility (Code figures) (39)	Present Weather (40)	Pressure: Bar at M.S.L. mb. (41)	Pressure: Change in 3 hrs. (42)	Temp.: Dry Bulb °F. (43)	Temp.: Dew point °F. (44)	Cloud: Form: Low (45)	Cloud: Form: Medium (46)	Cloud: Form: High (47)	Cloud: Total amount 0-8 (48)	Cloud: Main layer: Amt 0-8 (49)	Cloud: Main layer: Ht. (50)	Cloud: Lowest layer: Amt 0-8 (51)	Cloud: Lowest layer: Ht. (52)	9 h. State of ground (53)
Kew	360	06	30	bc	29.7	+15	63	49	5	–	–	3	3	31	–	–	0
London Airport	350	05	72	bc	29.5	+14	61	50	5	3	1	4	3	–	1	40	0
Lympne	350	15	48	b	28.3	+13	61	54	5	–	–	1	1	50	–	–	0
Tangmere	310	15	40	b	28.4	+11	63	52	–	–	1	1	–	–	–	–	0
Calshot	360	12	64	b	29.5	+15	63	53	–	–	1	1	–	–	–	–	0
Boscombe Down	350	03	40	b	30.1	+13	59	51	–	–	1	2	2	–	–	–	0
Felixtowe	320	10	32	b	28.1	+12	60	54	5	–	–	1	1	40	–	–	0
Gorleston	310	04	16	b	27.6	+18	58	55	–	7	–	2	2	80	–	–	0
West Raynham	340	08	64	b	28.5	+14	58	54	5	–	–	1	1	40	–	–	0
Mildenhall	340	03	28	b	29.1	+11	56	51	5	–	–	1	1	25	–	–	0
Cranfield	310	06	40	b	29.7	+10	55	48	–	4	–	1	1	83	–	–	0
Elmdon	340	06	24	b	31.2	–	57	49	–	7	–	1	1	84	–	–	0
Wittering	350	10	40	b	29.9	+12	57	47	5	–	–	1	1	30	–	–	0
Watnall	330	06	24	b	30.6	+12	55	47	–	–	–	0	0	0	–	–	0
Little Rissington	340	09	80	b	30.6	+05	57	45	–	–	2	1	–	–	–	–	0
Ross-on-Wye	340	02	81	b	31.4	+08	57	51	–	–	1	1	–	–	–	–	0
Shawbury	270	05	81	b	32.0	+09	56	50	5	–	1	1	1	35	–	–	0
Bristol	020	03	81	b	31.3	+14	59	52	–	–	1	1	–	–	–	–	0
Exeter	050	05	80	b	30.9	+13	60	55	–	4	–	1	–	20	–	–	0
Portland Bill																	
Plymouth	070	03	82	bc	30.2	+11	63	56	–	–	–	0	0	0	–	–	0
Chivenor	110	02	32	b	31.1	+11	56	54	–	–	–	0	0	0	–	–	0
St. Eval	030	05	40	blf	30.8	+08	59	59	–	3	–	1	–	15	–	–	0
Lizard	050	08	82	c	32.1	+12	57	49	5	–	–	7	7	40	–	–	0
Scilly, St. Mary's	080	08	64	b	30.2	+07	63	58	5	–	–	2	2	25	–	–	0
Guernsey	050	06	82	b	30.2	+03	62	61	–	4	–	1	1	80	–	–	0
Aberporth	030	06	48	0	30.0	+12	61	57	–	–	–	0	0	0	–	–	
Pembroke	–	0	81	jf	31.4	+05	58	56	6	–	–	1	1	–	–	–	0
Holyhead (Valley)	050	10	81	b	31.5	+08	58	55	–	–	–	0	0	0	–	–	0
Manchester	050	08	82	c	32.1	+12	57	49	5	–	–	7	7	40	–	–	0
	320	02	76	b	31.4	+10	51	49	–	–	–	6	0	0	–	–	0
Squires Gate	320	10	82	bc	31.4	+07	59	45	5	–	–	3	2	35	1	20	0
Silloth	350	03	81	b	31.8	+09	55	47	6	–	–	1	1	25	–	–	0
Finningley	360	09	76	0	30.4	+12	55	46	5	–	–	8	8	20	–	–	0
Spurn Head	340	10	24	0	29.2	+16	57	54	6	–	–	8	8	11	–	–	0
Leeming	310	03	85	c	30.9	+15	55	47	5	–	–	7	7	35	–	–	0
Tynemouth	310	09	56	c	30.5	+09	56	47	5	–	–	6	6	28	–	–	0
St. Abb's Head	310	13	80	bc	29.7	+07	55	45	5	–	–	5	5	35	–	–	0
Leuchars	230	08	83	b	30.5	+11	54	45	5	4	–	2	1	–	1	28	0
Eskdalemuir	110	02	82	b	31.4	+05	47	42	5	–	–	1	1	35	–	–	0
Prestwick	340	11	81	b	32.4	+12	57	50	2	–	1	1	1	22	–	–	0
West Freugh	340	05	82	b	31.9	+10	54	52	2	–	9	2	2	–	–	–	0
Ronaldsway	330	08	81	bc	32.2	+07	57	49	5	–	–	5	5	45	–	–	0
Tiree	300	06	81	c	31.6	+09	56	47	5	–	–	7	7	30	–	–	0
Benbecula	260	13	82	c	30.5	+08	57	47	8	–	–	7	6	40	2	25	1
Stornoway	260	12	81	c	29.4	+01	55	45	5	3	–	7	7	40	–	–	0
Cape Wrath	270	13	83	c	28.8	+15	53	49	8	–	–	6	6	25	–	–	0
Sule Skerry	230	13	81	0	27.5	+10	54	50	5	–	–	8	8	30	–	–	0
Loch Rannoch																	
Dyce	270	06	81	bc	30.3	+13	54	45	6	–	–	5	5	35	–	–	0
Lossiemouth	260	13	82	c	30.1	+15	55	48	5	–	–	7	7	45	4	30	0
Wick	250	08	82	c	29.0	+09	54	48	5	–	–	6	6	35	–	–	0
Lerwick	250	11	82	bc	25.9	+07	52	49	5	3	–	5	5	30	–	–	1
Blacksod Point	–	0	81	c	33.0	+00	57	51	8	–	–	7	7	35	–	–	0
Malin Head																	
Aldergrove	320	05	82	c	32.6	+06	58	50	5	–	–	6	6	26	–	–	0
	330	04	82	c	32.7	+05	56	49	5	3	1	6	4	30	1	20	0
Castle Archdale	–	0	82	bc	33.0	+07	56	51	5	–	9	3	3	40	–	–	0
Birr Castle *	300	05	81	bc	33.1	+06	52	48	5	–	–	5	5	45	–	–	0
Collinstown *	280	05	82	c	33.1	+07	53	47	8	–	–	7	7	42	1	25	0
Rineanna *	–	0	82	b	33.3	-01	56	49	5	3	9	7	1	42	–	–	0
Valentia *	–	0	82	c	33.0	+00	50	45	5	5	–	6	6	84	1	35	0
Midleton *	–	0	81	c	32.9	+06	52	45	5	–	–	7	7	38	–	–	0

OBSERVATIONS Thursday NIGHT

Stations	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h.: Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	cbczby	61	57	–
London Airport	bczcbcb	60	58	–
Lympne	cbmbcwbcb	57	51	–
Tangmere	bfbcmbz	53	50	–
Calshot	bby	58	•	–
Boscombe Down	bcbbzby	57	50	–
Felixtowe	bcmbzwbmbz	58	53	–
Gorleston	bmwbcmbz	56	54	–
West Raynham	bczbmbcm	57	56	–
Mildenhall	bczcbmb	53	48	–
Cranfield	czbmby	53	48	–
Elmdon	bcbbmzby	51	43	–
Wittering		53	49	–
Watnall	bcmbz	50	46	–
Little Rissington	cbmby	55	51	–
Ross-on-Wye	cbbc	54	•	–
Shawbury	cybcybc	52	42	–
Bristol	cbcbw	56	45	–
Exeter	bbcwfgby	55	43	–
Portland Bill				
Plymouth	bbwbby	58	53	–
Chivenor	bcfgwb	54	44	–
St. Eval	bfebmb	58	55	–
Lizard	bcwb	59	•	–
Scilly, St. Mary's	bbw	60	•	–
Guernsey	bz		56	
Aberporth	bwbwjfb	~~58~~ 54	41	TR
Pembroke	bcbbcb	56	•	–
Holyhead (Valley)	bbcc	52	46	–
Manchester	bcbmwb	46	37	–
Squires Gate	bbcybby	57	49	–
Silloth	bcb	54	43	–
Finningley	bz	50	42	–
Spurn Head	bmbcm	55	•	–
Leeming	bybcb	52	•	–
Tynemouth	bcmbcc	52	50	–
St. Abb's Head	bccbc	51	•	–
Leuchars	bcby	50	45	–
Eskdalemuir	bby	43	40	–
Prestwick	bbccbbc	53	48	–
West Freugh	cceecbc	50	40	–
Ronaldsway	bbc	50	41	–
Tiree	cbcc	50	41	–
Benbecula	bcprc	55	49	TR
Stornoway	ccprc	52	48	TR
Cape Wrath	c	52	48	–
Sule Skerry		53	50	–
Loch Rannoch				
Dyce	cby	41	41	–
Lossiemouth	cbc	53	41	–
Wick	cbcc	48	45	–
Lerwick	cbcprbcb	49	43	1
Blacksod Point	c	51	43	–
Malin Head		53	•	–
Aldergrove	c	53	48	–
	ccbc			
Castle Archdale	bccbc	54	43	–
Birr Castle	bc	50	44	–
Collinstown		50	49	–
Rineanna	bcc	57	48	–
Valentia	bbc	47	40	–
Midleton	bb	47	39	–

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 2nd July 1949

No. 31999

OBSERVATIONS at 12h. G.M.T. 1st July

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. Dry Bulb. °F. (7)	Temp. Dew point. °F. (8)	Cloud. Form. Low. (9)	Cloud. Form. Medium. (10)	Cloud. Form. High. (11)	Cloud. Total amount. 0-8 (12)	Cloud. Main layer. Amt. 0-8 (13)	Cloud. Main layer. Ht. (14)	Cloud. Lowest layer. Amt. 0-8 (15)	Cloud. Lowest layer. Ht. (16)
0	Kew ...	020	06	72	b	29.5	-02	73	47	1	4	2	2	1	35	—	—
	London Airport	360	05	64	bc	~~29.9~~ 29.7	-01	75	47	—	1	1	3	2	—	—	—
1	Lympne ...	120	06	40	b	28.7	+02	75	58	1	—	—	2	2	25	—	—
	Tangmere ...	010	06	80	b	28.9	-04	77	49	1	—	1	1	1	40	—	—
	Calshot ...	350	05	80	b	29.6	-04	74	49	—	4	4	2	1	—	—	—
	Boscombe Down	340	08	82	b	29.5	-07	73	47	—	—	1	1	—	—	—	—
2	Felixtowe ...	080	09	48	bc	29.2	+05	69	55	2	—	—	5	5	30	—	—
	Gorleston ...	020	14	10	0	29.9	+15	60	56	6	—	—	8	8	14	—	—
	West Raynham	030	14	32	c	30.6	+07	60	55	6	—	—	7	7	05	—	—
	Mildenhall ...	010	07	64	b	30.2	+04	69	56	1	—	1	1	1	30	—	—
3	Cranfield ...	310	03	81	b	29.6	-01	70	49	1	—	1	2	1	50	—	—
	Elmdon ...	360	07	00	b	30.4	-01	69	48	1	—	1	1	1	40	—	—
	Wittering ...	050	09	64	bc	30.7	+04	69	50	2	—	1	5	5	25	—	—
	Watnall ...	080	04	80	c	31.1	+03	68	54	1	—	—	6	6	30	—	—
4	Little Rissington	020	11	81	b	30.4	-08	67	43	—	—	9	1	—	—	—	—
	Ross-on-Wye	310	06	81	b	31.2	-02	68	49	—	—	2	2	—	—	—	—
	Shawbury ...	340	15	81	c	31.8	-02	66	47	5	—	9	7	1	35	—	—
5	Bristol ...	360	08	82	b	30.6	-07	71	49	—	4	1	2	1	85	—	—
	Exeter ...	050	10	80	b	30.9	-02	71	52	—	—	—	0	0	0	—	—
	Portland Bill	360	05	81	b	31.0	+02	68	61	—	—	—	0	0	0	—	—
	Plymouth ...	230	08	81	b	30.3	-01	68	58	5	—	—	1	1	30	—	—
	Chivenor ...	360	08	81	b	31.2	-02	71	50	—	—	2	1	1	25	—	—
	St. Eval ...	010	12	82	b	31.0	+01	71	59	1	—	—	1	1	35	—	—
	Lizard ...	150	08	80	b	30.6	+01	70	60	2	—	—	1	1	25	—	—
	Scilly, St. Mary's	090	09	64	b	30.5	00	76	61	—	—	—	0	0	0	—	—
	Guernsey ...	040	14	48	2	30.1	00	70	53	—	—	—	0	0	0	—	—
	Aberporth ...	020	08	82	b	32.2	+01	64	49	5	—	1	1	1	28	—	—
6	Pembroke ...	020	14	81	b	32.3	+02	67	50	1	—	—	1	1	35	—	—
7	Holyhead (Valley)	320	14	82	bc	32.2	-02	64	49	1	3	1	3	1	20	—	—
8	Manchester ...	280	07	48	bc	30.9	-07	68	47	1	—	6	5	1	40	—	—
	Squires Gate...	290	17	81	bc	31.8	-01	65	50	1	—	2	4	1	30	—	—
	Silloth ...	310	08	82	b	32.2	-02	66	44	1	—	—	1	1	39	—	—
9	Finningley ...	070	09	81	bc	31.2	+02	69	48	8	3	1	5	5	30	—	—
10	Spurn Head ...	020	14	64	bc	31.3	+10	65	53	5	—	—	3	3	40	—	—
	Leeming ...	020	~~09~~ 07	32	c	31.4	+01	66	49	5	—	—	6	6	30	—	—
	Tynemouth ...	050	10	80	bc	32.2	+03	62	50	3	—	2	3	2	36	—	—
11	St. Abb's Head	050	09	80	bc	32.2	+07	60	48	2	—	—	3	3	40	—	—
	Leuchars ...	100	07	83	bc	31.4	00	67	48	5	—	1	4	3	20	—	—
12	Eskdalemuir...	010	02	81	bc	31.3	00	64	44	1	—	2	3	3	35	—	—
	Prestwick ...	300	12	32	bc	32.5	-01	65	48	1	—	1	4	3	35	—	—
	West Freugh...	350	12	83	bc	32.3	-04	65	58	4	4	1	3	2	35	—	—
	Ronaldsway ...	090	06	83	c	32.7	-03	64	48	8	—	1	6	3	30	—	—
13A	Tiree ...	310	02	82	0	33.2	+07	58	47	8	—	—	8	8	35	2	60
13B	Benbecula ...	250	13	81	0	32.6	+03	59	46	8	—	—	8	8	31	3	24
	Stornoway ...	240	15	82	c	31.2	+09	61	49	4	—	—	7	6	40	3	30
	Cape Wrath ...	270	12	83	bc	29.8	+05	56	50	5	—	—	5	5	30	—	—
	Sule Skerry ...	270	13	81	c	30.3	+20	53	53	5	—	—	7	7	20	—	—
14	Loch Rannoch	280	05	81	c	30.7	+03	64	44	1	—	—	6	6	25	—	—
15	Dyce ...	310	10	82	c	31.1	+03	61	42	8	—	—	6	5	35	2	30
	Lossiemouth...																
	Wick ...	300	17	82	c	30.3	+08	62	47	8	3	—	7	5	40	3	20
16	Lerwick ...	290	16	81	bc	28.2	+17	58	48	2	7	—	3	3	21	—	—
17	Blacksod Point	200	02	81	c	32.9	-02	62	51	1	—	—	7	7	41	—	—
18	Malin Head ...	090	01	82	c	33.8	+04	58	48	5	3	—	7	2	83	5	21
	Aldergrove ...	300	04	82	c	33.3	-03	64	49	5	—	—	7	4	50	5	30
	Castle Archdale	—	0	82	c	22.8	-07	62	51	5	—	—	7	7	30	—	—
19	Birr Castle ...*	070	05	81	bc	32.9	-05	69	49	1	—	—	5	5	35	—	—
	Collinstown ...*	090	10	82	bc	32.2	-04	64	48	5	3	3	4	4	40	—	—
	Rineanna ...*	110	06	82	bc	33.1	-07	67	50	8	—	—	5	5	45	1	32
20	Valentia ...*	270	06	82	bc	32.7	-03	64	51	5	—	—	5	5	31	—	—
	Midleton ...*	100	15	81	bc	32.5	-03	70	53	1	3	—	4	3	40	—	—

*Rainfall read at 1800.

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

Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. Dry Bulb. °F. (23)	Temp. Dew point. °F. (24)	Cloud. Form. Low. (25)	Cloud. Form. Medium. (26)	Cloud. Form. High. (27)	Cloud. Total amount. 0-8 (28)	Cloud. Main layer. Amt. 0-8 (29)	Cloud. Main layer. Ht. (30)	Cloud. Lowest layer. Amt. 0-8 (31)	Cloud. Lowest layer. Ht. (32)	21h State of ground (33)
Kew	110	15	30	bc	29.8	+06	71	55	6	7	—	5	4	—	2	45	0
London Airport	090	14	32	bc	28.9	00	73	56	1	—	—	4	4	40	—	—	0
Lympne	020	13	16	c	29.5	+06	63	55	—	—	2	6	—	—	—	—	0
Tangmere	240	08	80	b	27.5	-08	75	53	—	—	1	1	—	—	—	—	0
Calshot	—	0	81	b	28.3	-07	76	52	—	—	4	2	—	—	—	—	0
Boscombe Down	350	09	81	bc	28.1	-07	76	45	—	—	2	4	—	—	—	—	0
Felixtowe	060	17	64	bc	30.7	+06	63	53	5	—	2	3	1	26	—	—	0
Gorleston	060	09	72	b	30.9	-01	62	53	—	—	5	1	—	—	—	—	0
West Raynham	050	12	81	b	31.1	+04	63	47	—	—	9	1	—	—	—	—	0
Mildenhall	090	10	82	bc	30.6	+05	69	46	4	—	2	5	1	50	—	—	0
Cranfield	020	12	64	b	29.2	00	71	49	—	—	1	1	—	—	—	—	0
Elmdon	070	10	81	b	29.6	-03	69	51	1	—	—	1	1	35	—	—	0
Wittering	050	10	81	bc	31.1	+02	66	52	4	—	8	3	1	30	—	—	0
Watnall	110	10	81	b	30.6	00	67	48	—	—	—	0	0	0	—	—	0
Little Rissington	070	05	80	b	29.1	-06	71	47	1	—	2	2	1	30	—	—	0
Ross-on-Wye	080	04	81	b	29.5	-12	73	50	—	—	1	1	—	—	—	—	0
Shawbury	360	08	81	b	29.7	-12	70	49	—	—	1	1	—	—	—	—	0
Bristol	020	06	81	bc	28.8	-12	74	49	—	—	2	3	—	—	—	—	0
Exeter	050	10	82	bc	28.8	-11	74	51	—	—	2	3	—	—	—	—	0
Portland Bill	310	02	81	bc	29.5	-12	65	60	—	—	1	3	3	86	—	—	0
Plymouth	250	03	81	b	29.3	-08	67	56	4	—	1	1	1	40	—	—	0
Chivenor	350	09	82	b	29.6	-14	69	51	—	—	2	1	—	—	—	—	0
St. Eval	040	13	82	b	30.1	-06	65	51	—	—	1	1	—	—	—	—	0
Lizard	—	0	81	b	29.6	-08	68	55	1	—	—	1	1	30	—	—	0
Scilly, St. Mary's	070	14	64	b	29.6	-08	70	56	—	—	2	1	—	—	—	—	0
Guernsey	020	08	81	bc	28.9	-09	72	52	—	—	5	2	—	—	—	—	0
Aberporth	360	06	82	b	30.1	-16	62	52	—	—	1	2	—	—	—	—	0
Pembroke	010	08	80	b	30.6	-14	65	50	—	—	8	2	—	—	—	—	0
Holyhead (Valley)	340	09	83	b	29.9	-20	63	47	—	—	2	1	—	—	—	—	0
Manchester	310	09	64	b	30.0	-04	66	52	1	—	—	1	1	45	—	—	0
Squires Gate	290	12	82	b	30.4	-11	63	51	—	—	—	0	0	0	—	—	0
Silloth	250	09	82	b	30.0	-13	65	51	1	4	—	1	1	40	—	—	0
Finningley	160	13	81	b	30.8	-04	63	46	1	4	—	1	1	—	—	—	0
Spurn Head	090	08	80	b	32.0	-03	61	54	5	—	—	2	2	35	—	—	0
Leeming	160	07	82	b	30.3	-09	71	52	1	—	—	1	1	35	—	—	0
Tynemouth	090	11	80	b	32.1	-03	60	54	—	—	4	1	—	—	—	—	0
St. Abb's Head	130	13	82	bc	30.9	-11	60	48	5	—	—	3	3	45	—	—	0
Leuchars	160	12	83	b	29.9	-10	68	46	5	7	3	2	1	—	1	28	0
Eskdalemuir	160	05	83	bc	29.7	-08	68	62	1	—	—	3	3	25	—	—	0
Prestwick	300	10	82	bc	30.6	-14	65	48	1	3	2	3	1	40	—	—	0
West Freugh	350	09	82	b	30.4	-15	64	48	4	3	2	2	1	40	—	—	0
Ronaldsway	140	06	83	bc	30.5	-01	64	48	—	—	1	3	—	—	—	—	0
Tiree	170	08	83	c	31.1	-13	59	48	—	—	7	7	—	—	—	—	0
Benbecula	200	09	82	c	30.2	-10	60	48	1	3	6	7	1	26	—	—	0
Stornoway	190	14	82	c	29.9	-11	58	50	4	—	—	7	6	45	4	35	1
Cape Wrath	230	13	82	c	29.9	-07	55	49	8	—	—	6	6	25	—	—	0
Sule Skerry	270	09	81	bc	30.0	-02	60	52	—	6	—	5	5	70	—	—	0
Loch Rannoch	170	10	81	b	30.2	-08	63	46	4	8	1	2	2	30	—	—	0
Dyce	020	06	82	bc	30.3	-05	64	47	8	3	—	5	5	35	—	—	0
Lossiemouth																	
Wick	320	10	82	bc	30.4	+02	60	49	4	3	4	3	1	26	—	—	0
Lerwick	270	07	64	c	28.7	+09	54	50	6	—	—	7	7	08	—	—	0
Blacksod Point	270	05	81	c	29.7	-15	62	45	1	—	6	6	2	41	—	—	0
Malin Head	090	09	82	c	30.6	-15	58	43	5	3	1	6	2	83	3	31	0
Aldergrove	080	06	81	bc	30.9	-15	63	50	5	4	1	5	3	30	—	—	0
Castle Archdale	190	04	83	c	29.6	-20	66	52	5	—	—	6	3	35	—	—	0
Birr Castle	160	05	81	c	29.6	-16	71	50	1	—	4	7	3	35	—	—	0
Collinstown	140	10	83	bc	31.0	-13	60	47	—	—	6	5	—	—	—	—	0
Rineanna	180	10	82	bc	29.3	-15	71	53	6	—	4	5	5	40	—	—	0
Valentia	190	07	82	c	29.7	-15	66	57	1	—	6	7	1	31	—	—	0
Midleton	160	10	81	b	30.3	-12	67	57	5	—	1	2	1	55	—	—	0

OBSERVATIONS during DAY (1st)

Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F. (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
Kew	byby cybcy	78	12.8	—
London Airport	bybcyb20ybcy	80	*	—
Lympne	bbybcyc	76	13.2	—
Tangmere	bybmo	80	14.0	—
Calshot	byb	79	15.0	—
Boscombe Down	bybcyby	77	14.8	—
Felixtowe	b20bc2c20moyb	73	14.1	—
Gorleston	bcmoomobc	67	13.0	—
West Raynham	cmobybcyb	67	13.0	—
Mildenhall	bbybcyb	74	14.4	—
Cranfield	bybcyby	74	14.9	—
Elmdon	bybc20yb	74	*	—
Wittering	b20bcybcb	69	14.4	—
Watnall	bc20cyb	72	14.2	—
Little Rissington	bybcyb	73	14.8	—
Ross-on-Wye	bcyby	74	14.9	—
Shawbury	cyby	71	13.9	—
Bristol	bybcyb	75	14.6	—
Exeter	bybcyb	76	14.9	—
Portland Bill	bbcbcb	74	*	—
Plymouth	b	73	15.0	—
Chivenor	byby	72	15.3	—
St. Eval	bbcybyb	74	14.9	—
Lizard	bbc	71	12.9	—
Scilly, St. Mary's	b	77	15.2	—
Guernsey	b26	73	14.9	—
Aberporth	bbcbbc	65	15.0	—
Pembroke	bc	69	15.8	—
Holyhead (Valley)	cbcbr	66	12.6	—
Manchester	bbcyb	73	13.5	—
Squires Gate	bybcbbc	67	15.5	—
Silloth	bcybyc	65	*	—
Finningley	bcybyb	72	10.5	—
Spurn Head	bc	67	11.5	—
Leeming	bcyby	72	10.9	—
Tynemouth	cbcbbc	63	*	—
St. Abb's Head	bc	65	*	—
Leuchars	bcycy	71	14.5	—
Eskdalemuir	bybcybc	72	13.9	—
Prestwick	bcbybcyc	66	14.5	—
West Freugh	bcbybcc	67	*	—
Ronaldsway	bcycybcybyc	66	13.1	—
Tiree	c	62	4.0	—
Benbecula	c	62	1.8	—
Stornoway	cproc	64	3.1	—
Cape Wrath	c	58	*	—
Sule Skerry	cbc	61	*	—
Loch Rannoch	cbcy	66	11.3	—
Dyce	cbcc	67	12.1	—
Lossiemouth				
Wick	pcycbcc	64	7.2	Tr
Lerwick	bcc	59	11.8	—
Blacksod Point	c	69	7.2	—
Malin Head	c	59	*	—
Aldergrove	bcycyc	69	6.1	—
Castle Archdale	cbcybc	67	9.1	—
Birr Castle	bcc	72	9.7	—
Collinstown	cbc	65	9.6	—
Rineanna	cbc	73	10.7	—
Valentia	c	66	13.4	—
Midleton	cbc	71	12.3	—

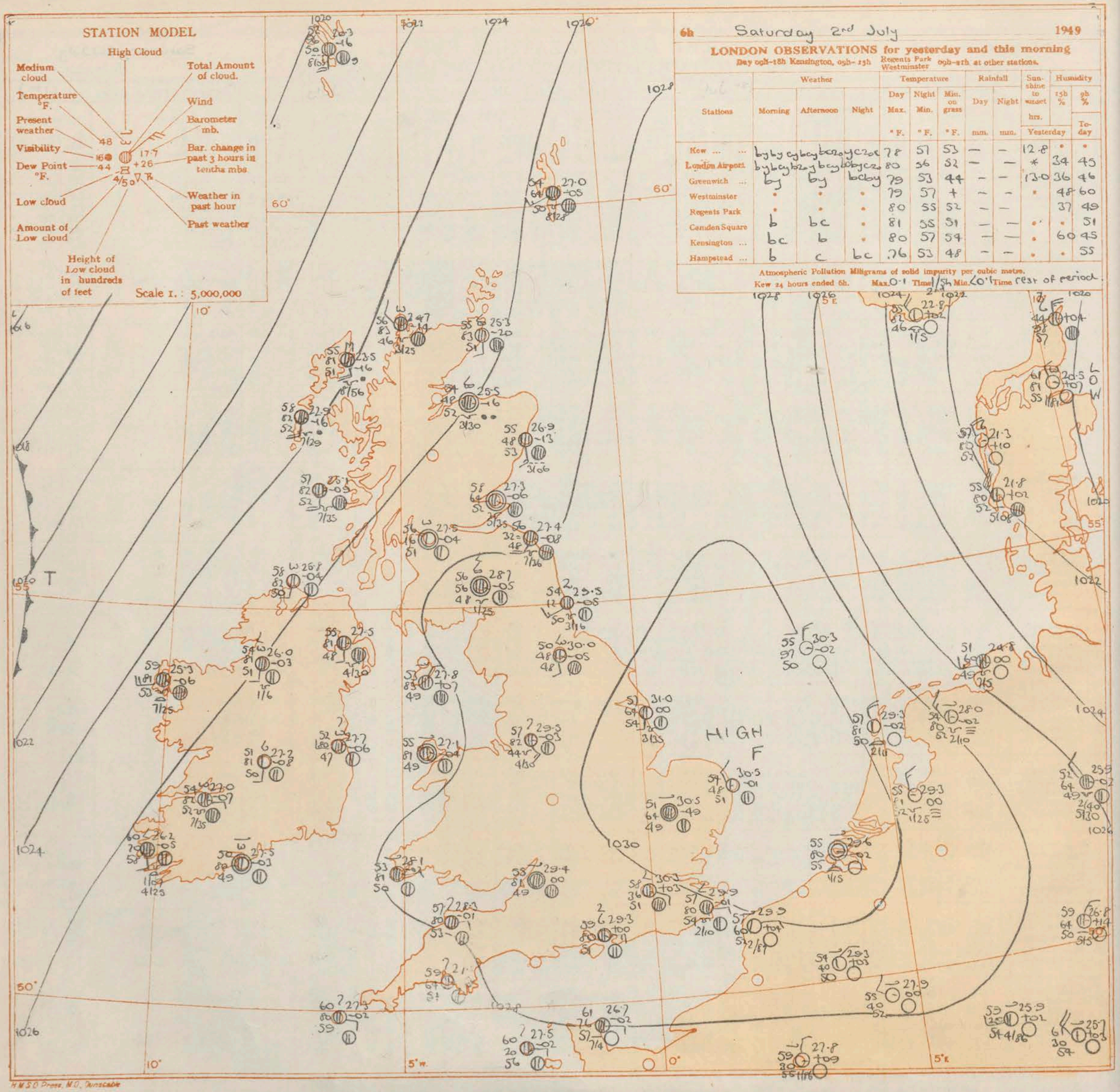
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Saturday 2nd July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–21h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Yesterday	Humidity 9h % To-day
Kew	by by cy bcy bcz o y cz o c			78	57	53	—	—	12.8	•		•
London Airport	by bcy bcz y bcy bc by cz o			80	56	52	—	—	*	34		45
Greenwich ...	by	by	bc by	79	53	44	—	—	13.0	36		46
Westminster	•	•	•	79	57	†	—	—	•	48		60
Regents Park	•	•	•	80	55	52	—	—		37		49
Camden Square	b	bc	•	81	55	51	—	—	•	•		51
Kensington ...	bc	b	•	80	57	54	—	—	•	60		45
Hampstead ...	b	c	bc	76	53	48	—	—	•	•		55

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 1/5h Min. <0·1 Time rest of period.

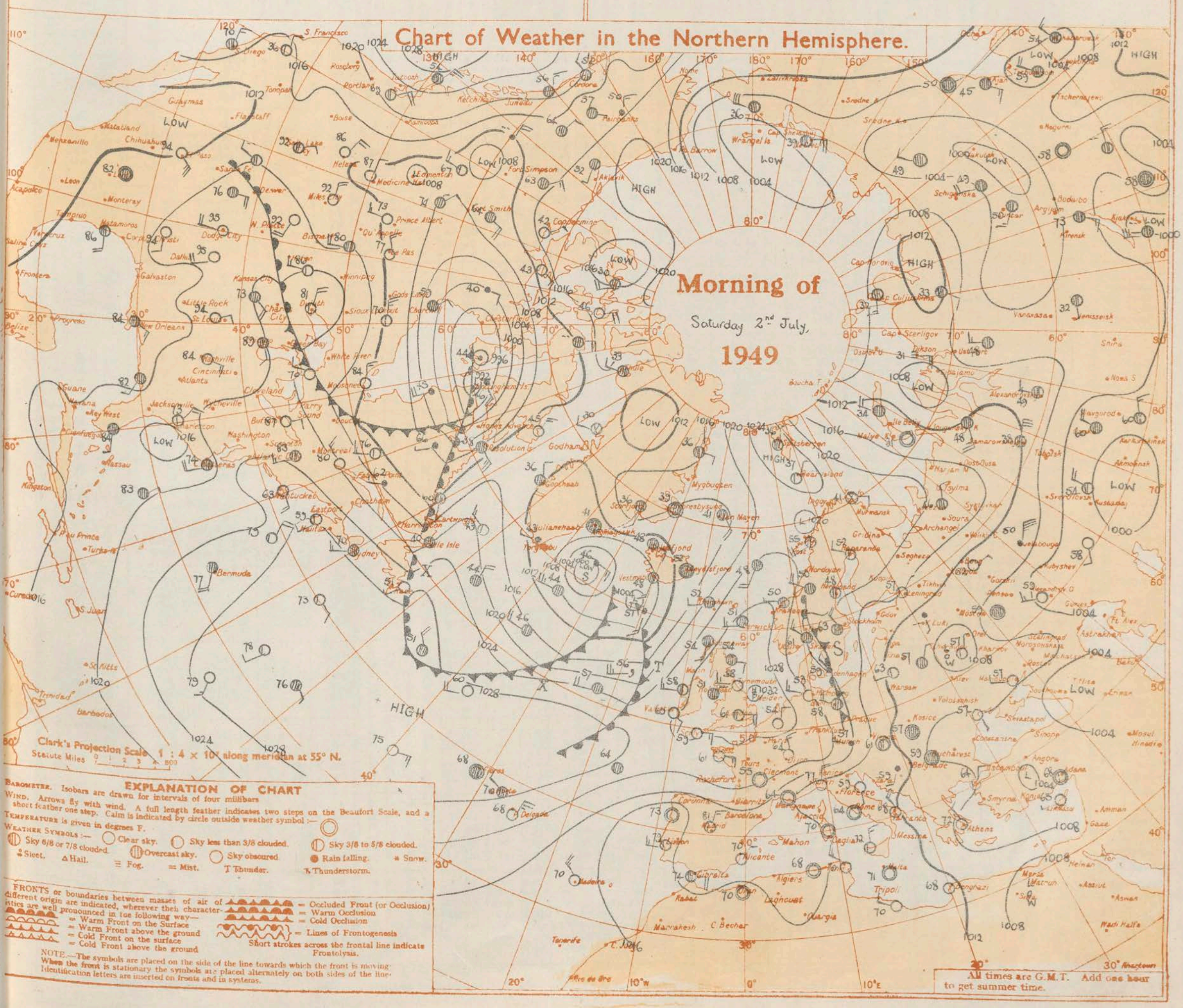
H.M.S.O. Press, M.O., Tuinscable

GENERAL INFERENCE

Weather will remain fine and warm in the Southern part of England and Wales, but further north will be affected by cloudy conditions, with a little rain or drizzle, associated with a trough of low pressure which is moving slowly in from the Atlantic. Later in the period fair conditions, though with a few scattered showers, are expected to spread from the West to Western districts of Scotland and North Ireland.

FURTHER OUTLOOK

Continuing dry and warm in the South. Unsettled in the North.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 2nd July 1949

No. 31999

OBSERVATIONS at 00hr G.M.T. 2nd July

Diagram.	Stations.	Height above M.S.L.	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Cloud. Form. Medium. (10)	Cloud. Form. High. (11)	Cloud. Total amount. 0-8 (12)	Cloud. Main layer. Amt. 0-8 (13)	Cloud. Main layer. Ht. (14)	Cloud. Lowest layer. Amt. 0-8 (15)	Cloud. Lowest layer. Ht. (16)
0	Kew ...	18	*	*	*	*	*	*	60	*	*	*	*	*	*	*	*	*
	London Airport	82	090	10	36	bc	30.5	-01	61	48	5	-	-	4	4	47	-	-
1	Lympne ...	341	030	10	80	b	30.4	-01	54	49	-	-	-	0	0	0	-	-
	Tangmere ...	53	070	09	32	b	29.8	+04	56	49	-	-	-	0	0	0	-	-
	Calshot ...	8	080	11	56	b	29.5	+10	61	53	-	-	-	0	0	0	-	-
	Boscombe Down	414	070	09	80	b	29.4	+09	56	49	-	-	-	0	0	0	-	-
2	Felixtowe ...	10	070	11	64	b	31.1	+04	54	50	-	-	-	0	0	0	-	-
	Gorleston ...	5	020	04	64	b	31.3	+01	57	53	-	-	-	0	0	0	-	-
	West Raynham	250	100	07	64	b	31.4	-02	48	46	-	-	-	0	0	0	-	-
	Mildenhall ...	15	090	01	80	b	31.4	+02	49	45	-	-	1	1	-	-	-	-
3	Cranfield ...	340	080	05	64	b	30.8	+03	53	43	-	-	1	1	-	-	-	-
	Elmdon ...	326	120	06	80	b	30.6	+00	57	49	-	-	1	1	-	-	-	-
	Wittering ...	236	090	03	32	b	31.5	+01	53	48	5	-	-	1	1	30	-	-
	Watnall ...	366	060	03	72	b	31.2	+01	51	47	-	-	1	1	-	-	-	-
4	Little Rissington	740	110	11	82	b	30.9	+09	55	42	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury ...	235	090	05	80	b	30.5	-01	56	48	-	-	5	2	-	-	-	-
5	Bristol ...	209	120	03	64	c	29.7	+04	58	54	-	-	-	0	0	0	-	-
	Exeter ...	100	—	0	64	b	28.9	+02	57	53	-	-	-	0	0	0	-	-
	Portland Bill	32	360	03	81	b	28.8	-04	66	51	-	-	-	0	0	0	-	-
	Plymouth ...	90	—	0	40	2	28.4	-06	59	54	-	-	-	0	0	0	-	-
	Chivenor ...	20	—	0	81	b	29.3	-01	51	49	-	-	1	1	-	-	-	-
	St. Eval ...	336	~~060~~ 050	07	81	b	29.1	-05	57	51	-	-	-	0	0	0	-	-
	Lizard ...	240	080	03	80	b	28.0	-10	60	52	5	-	-	2	2	25	-	-
	Scilly, St. Mary's	163	070	10	82	b	29.2	+00	59	55	-	-	1	1	-	-	-	-
	Guernsey ...	340	050	05	81	b	28.4	-05	59	48	-	-	8	1	-	-	-	-
	Aberporth ...	375	—	0	81	b	29.2	-01	52	51	-	-	-	0	0	0	-	-
6	Pembroke ...	142	050	02	82	bc	29.5	-04	56	50	-	7	8	4	4	81	-	-
7	Holyhead (Valley)	32	020	04	81	c	28.9	-07	51	47	-	-	2	6	-	-	-	-
8	Manchester ...	230	170	04	28	bc	30.5	-01	57	47	-	-	6	4	-	-	-	-
	Squires Gate ...	33	—	0	64	bc	30.1	-04	53	51	-	-	8	4	4	-	-	-
	Siloth ...	25	—	0	81	c	29.7	+01	53	49	5	3	6	7	1	25	-	-
9	Finningley ...	52	160	04	64	b	31.5	+02	51	46	-	-	-	0	0	0	-	-
10	Spurn Head ...	29	090	04	82	b	31.8	+00	55	54	-	-	2	2	2	85	-	-
	Leeming ...	105	180	05	~~63~~ 56	b	31.3	+01	53	48	-	-	2	2	-	-	-	-
	Tynemouth ...	108	230	08	24	bc	31.1	-08	58	~~50~~ 52*	5	-	-	3	3	24	-	-
11	St. Abb's Head	280	130	13	80	bc	29.6	-06	54	48	6	-	-	4	4	40	-	-
	Leuchars ...	36	210	01	82	c	29.1	-07	51	48	5	2	-	7	7	-	3	40
12	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick ...	30	090	02	80	c	29.1	-09	55	49	-	3	2	7	-	-	-	-
	West Freugh ...	52	—	0	80	bc	28.7	-09	50	47	-	4	1	3	1	83	-	-
	Ronaldsway ...	55	—	0	83	bc	29.8	-01	46	44	-	-	2	3	-	-	-	-
13A	Tiree ...	29	—	0	83	c	27.6	-22	53	50	5	7	-	7	3	35	-	-
13B	Benbecula ...	16	160	07	82	ro	27.2	-18	55	50	5	7	-	7	5	35	-	-
	Stornoway ...	10	180	10	81	c	27.2	-19	54	50	-	3	-	6	6	84	-	-
	Cape Wrath ...	367	230	09	63	c	28.8	-09	53	47	4	3	-	6	5	20	-	-
	Sule Skerry ...	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce ...	234	130	05	81	c	29.6	-10	54	49	5	7	-	7	5	35	-	-
	Lossiemouth ...	21	100	05	80	c	28.5	-15	56	52	5	3	-	6	2	35	-	-
	Wick ...	119	—	0	82	0	29.3	-14	54	50	5	7	7	8	7	-	3	25
16	Lerwick ...	269	230	07	64	0	28.5	-03	51	49	5	7	-	8	4	08	-	-
17	Blacksod Point	18	250	07	81	bc	27.4	-13	58	52	4	-	-	4	4	45	-	-
18	Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove ...	220	—	0	81	c	29.6	-03	50	46	5	7	6	6	2	40	-	-
	Castle Archdale	225	160	05	81	0	27.9	-08	55	50	5	7	7	8	2	35	-	-
19	Birr Castle ... *	187	180	05	81	bc	29.1	+01	55	52	-	4	1	3	2	80	-	-
	Collinstown ... *	226	—	0	82	bc	29.4	-07	53	47	-	4	2	4	1	83	-	-
	Rineanna ... *	10	190	07	82	c	28.8	-04	60	54	5	4	1	6	4	40	-	-
20	Valentia ... *	30	140	08	81	b	27.9	-14	60	56	4	-	1	1	1	24	-	-
	Midleton ... *	30	—	0	80	b	29.3	-09	49	48	-	3	-	2	1	84	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 2nd July

Diagram.	Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Cloud. Form. Medium. (26)	Cloud. Form. High. (27)	Cloud. Total amount. 0-8 (28)	Cloud. Main layer. Amt. 0-8 (29)	Cloud. Main layer. Ht. (30)	Cloud. Lowest layer. Amt. 0-8 (31)	Cloud. Lowest layer. Ht. (32)	9 h. State of ground (33)
0	Kew ...	110	04	30	c	30.1	+01	59	51	-	-	1	7	-	-	-	-	0
	London Airport	110	06	36	bc	30.3	+03	58	51	-	-	5	5	-	-	-	-	0
1	Lympne ...	070	06	80	c	29.9	-01	57	54	5	-	6	6	2	10	-	-	0
	Tangmere ...	070	08	81	c	29.4	-00	56	49	-	-	2	6	-	-	-	-	0
	Calshot ...	090	08	80	bc	29.3	+00	59	51	-	4	6	5	5	-	-	-	0
	Boscombe Down	080	06	80	bc	29.5	+01	55	46	-	-	8	5	-	-	-	-	0
2	Felixtowe ...	-	0	80	~~c~~ gb	30.7	+02	52	49	6	-	6	6	1	06	-	-	0
	Gorleston ...	340	05	48	bc	30.5	-01	54	51	-	7	-	3	3	-	-	-	0
	West Raynham	-	0	10	bc	30.8	+03	51	51	-	-	5	4	-	-	-	-	0
	Mildenhall ...	-	0	64	c/f	30.8	+00	52	49	-	-	6	6	-	-	-	-	0
3	Cranfield ...	080	07	40	c	30.2	-01	53	49	-	-	6	7	-	-	-	-	0
	Elmdon ...	-	0	80	c	30.3	+00	53	47	-	3	-	7	7	80	-	-	0
	Wittering ...	-	0	40	c	30.8	+00	52	48	-	5	6	7	4	84	-	-	0
	Watnall ...	080	09	40	~~c~~ gb	30.7	-03	53	48	-	-	-	7	-	-	-	-	0
4	Little Rissington	110	05	64	c	30.5	+01	51	46	6	-	8	7	3	60	-	-	0
	Ross-on-Wye	090	03	81	bc	30.1	-06	56	48	-	-	2	4	-	-	-	-	0
	Shawbury ...	-	0	80	c	29.7	+01	54	48	5	-	8	6	1	28	-	-	0
5	Bristol ...	-	0	81	c	29.4	+00	55	49	-	-	2	6	-	-	-	-	0
	Exeter ...	-	0	24	c	28.9	+00	54	52	-	-	2	6	-	-	-	-	0
	Portland Bill																	
	Plymouth ...	070	06	64	bc	27.8	-00	59	54	-	-	4	5	-	-	-	-	0
	Chivenor ...	090	06	80	c	28.3	-01	57	53	-	-	4	6	-	-	-	-	0
	St. Eval ...	130	09	81	c	~~28.3~~ 28.4	~~+02~~ +00	63	~~51~~ 50	-	-	4	6	-	-	-	-	0
	Lizard ...	110	04	80	bc	27.3	-02	61	56	-	-	1	4	-	-	-	-	0
	Scilly, St. Mary's	090	07	80	bc	27.3	-02	60	59	-	-	4	4	-	-	-	-	0
	Guernsey ...	070	05	20	2	27.5	-02	60	56	-	-	4	5	-	-	-	-	0
	Aberporth ...	190	04	80	c	28.0	-05	54	52	-	-	6	7	-	-	-	-	0
6	Pembroke ...	060	05	82	c	28.1	+00	56	52	-	7	8	6	3	81	-	-	0
7	Holyhead (Valley)	-	0	81	bc	27.1	-04	55	49	-	-	2	5	-	-	-	-	0
8	Manchester ...	150	09	82	bc	29.5	-03	57	44	5	-	4	5	4	30	-	-	0
	Squires Gate ...	150	12	46	bc	28.9	-04	57	49	-	3	1	4	1	80	-	-	0
	Siloth ...	-	0	80	c	29.6	+10	55	50	-	-	5	6	6	99	-	-	0
9	Finningley ...	160	05	40	c	30.7	-02	51	47	-	-	2	7	-	-	-	-	0
10	Spurn Head ...	180	03	64	bc	31.0	+00	57	54	5	-	-	5	5	35	-	-	0
	Leeming ...	180	05	48	bc	30.0	-05	50	48	-	-	~~6~~ 9	5	-	-	-	-	0
	Tynemouth ...	230	09	12	c	29.5	-05	54	50	5	-	-	6	3	16	-	-	0
11	St. Abb's Head	200	13	32	c	27.4	-08	56	48	5	-	-	7	7	36	-	-	0
	Leuchars ...	-	0	64	bc	27.3	-06	58	52	5	-	-	5	5	35	-	-	0
12	Eskdalemuir ...	-	0	56	c	28.7	-05	~~56~~ 58	48	5	7	6	7	1	25	-	-	0
	Prestwick ...	170	06	82	c	27.7	-02	55	50	2	3	2	7	3	35	1	26	0
	West Freugh ...	100	05	82	c	27.7	-05	52	50	-	8	2	7	2	48	-	-	0
	Ronaldsway ...	010	06	83	c	27.8	+07	53	49	-	-	2	6	-	-	-	-	0
13A	Tiree ...	180	17	82	c	25.1	-09	57	52	5	-	-	7	7	35	-	-	0
13B	Benbecula ...	180	16	82	c	22.9	-16	58	52	5	-	-	7	7	29	-	-	0
	Stornoway ...	170	12	81	c	23.5	-16	55	51	5	8	-	6	4	55	-	-	1
	Cape Wrath ...	310	05	83	c	24.7	-14	56	46	5	3	-	6	3	25	-	-	0
	Sule Skerry ...	180	09	81	o	23.0	-08	54	52	5	-	-	8	8	21	-	-	0
14	Loch Rannoch																	
15	Dyce ...	150	10	48	c	26.9	-13	55	53	7	-	-	6	5	30	3	06	0
	Lossiemouth ...	-	0	48	c/r	25.5	-16	54	52	5	7	-	7	7	80	3	30	1
	Wick ...	180	06	83	c	25.3	-20	55	51	-	7	-	7	7	-	-	-	0
16	Lerwick ...	230	07	64	o	27.0	-05	54	50	5	-	-	8	8	28	-	-	0
17	Blacksod Point	250	13	81	c	25.3	-06	59	53	8	-	-	7	7	25	-	-	0
18	Malin Head ...	180	05	82	bc	25.8	-04	58	50	-	3	-	4	4	83	-	-	0
	Aldergrove ...	190	06	81	c	27.5	-07	55	48	5	7	-	7	4	30	-	-	0
	Castle Archdale	100	05	81	c	26.0	-03	54	51	5	3	6	6	1	30	-	-	0
19	Birr Castle ... *	180	05	81	b	27.2	-08	55	50	-	4	-	2	2	80	-	-	0
	Collinstown ... *	270	01	80	c	27.7	-06	52	47	-	3	4	7	1	86	2	83	0
	Rineanna ... *	090	09	82	c	27.0	-07	54	52	5	3	-	7	7	35	-	-	0
20	Valentia ... *	190	09	70	c	26.2	-05	60	58	8	4	-	7	4	25	1	07	0
	Midleton ... *	-	0	80	bc	27.5	-03	50	49	-	3	1	4	3	83	-	-	0

OBSERVATIONS Friday NIGHT

Diagram.	Stations.	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Temperature 21 h.-09 h. Min. on Grass °F. (40)	Rain mm. (41)
0	Kew ...	bcz.ycz.c	57	53	-
	London Airport	bcbybcz.m.cy	56	52	-
1	Lympne ...	bbwbifgbcckc	49	43	-
	Tangmere ...	bm.bz.cy	54	48	-
	Calshot ...	bbcc	58	35	-
	Boscombe Down	bybbccy	49	40	-
2	Felixtowe ...	bbwbwbwbccjfbcc	49	42	-
	Gorleston ...	bbwbcwbcm.bc	47	43	-
	West Raynham	bfgbcm.bcbcy	46	33	-
	Mildenhall ...	bbfcbc	40	33	-
3	Cranfield ...	bycm.cy	48	44	-
	Elmdon ...	bbccbcy	48	40	-
	Wittering ...	bcz.bcm.cmocy	48	42	-
	Watnall ...	bcm.bcy	47	42	-
4	Little Rissington	bybcc	50	46	-
	Ross-on-Wye	bbc	53	*	-
	Shawbury ...	bbccbc	52	48	-
5	Bristol ...	bcbcy	51	44	-
	Exeter ...	bbm.c	50	40	-
	Portland Bill	bcc	59	*	
	Plymouth ...	bbm.bcc	54	46	-
	Chivenor ...	bybwcbc	49	42	-
	St. Eval ...	xbccbc	57	44	-
	Lizard ...	bbc	58	*	-
	Scilly, St. Mary's	bbc	56	*	-
	Guernsey ...	bbcz.cz.	57	54	-
	Aberporth ...	bcbbccwbc	48	44	TR
6	Pembroke ...	bcbcm.	52	*	-
7	Holyhead (Valley)	bccbc	49	42	-
8	Manchester ...	bcby	52	43	-
	Squires Gate ...	bcm.bcz.yc	50	46	-
	Siloth ...	cbcc	49	41	-
9	Finningley ...	cbcm.bcy	45	37	-
10	Spurn Head ...	bc	54	*	-
	Leeming ...	bccm.	47	45	-
	Tynemouth ...	bcbcm.cm.	53	50	-
11	St. Abb's Head	bcccm.bcm.	52	*	-
	Leuchars ...	cybcbybcy	55	51	-
12	Eskdalemuir ...	bccbc	46	40	-
	Prestwick ...	c	51	47	-
	West Freugh ...	c	44	34	-
	Ronaldsway ...	cbbcwc	43	34	-
13A	Tiree ...	cbcc	50	45	-
13B	Benbecula ...	cir.cbcc	52	49	TR
	Stornoway ...	ccir.c	52	48	0.2
	Cape Wrath ...	c	52	51	-
	Sule Skerry ...		53	41	-
14	Loch Rannoch				
15	Dyce ...	c	52	47	-
	Lossiemouth ...	cir.drcp	50	49	5
	Wick ...	cir.b	53	49	TR
16	Lerwick ...	c	49	42	-
17	Blacksod Point	bcc	55	39	-
18	Malin Head ...	bc	53	*	-
	Aldergrove ...	c	49	43	-
	Castle Archdale	bc	52	42	-
19	Birr Castle ... *	bcbc	51	43	-
	Collinstown ... *	cbc	49	41	-
	Rineanna ... *	cc	53		-
20	Valentia ... *	cbc	57	49	TR
	Midleton ... *	bbc	43	36	-

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 3rd July 1949

No. 32000

OBSERVATIONS at 12h. G.M.T. 2nd July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	130	04	81	c	28·7	-09	71	45	-	-	6	7	-	-	-	-
	London Airport	-	0	81	c	28·7	-12	72	48	-	-	2	7	-	-	-	-
1	Lympne	120	10	82	bc	29·2	-05	65	50	-	-	5	5	-	-	-	-
	Tangmere	170	15	82	bc	28·7	-08	68	44	-	-	2	5	-	-	-	-
	Calshot	130	13	81	bc	29·2	+00	64	51	-	-	6	4	4	-	-	-
	Boscombe Down	150	07	81	bc	27·9	-08	72	51	-	-	8	4	-	-	-	-
2	Felixtowe	120	08	81	bc	29·9	-05	65	50	-	-	2	4	-	-	-	-
	Gorleston	090	09	80	bc	29·8	-03	60	50	-	-	2	5	-	-	-	-
	West Raynham	-	0	82	bc	28·5	-15	71	47	-	-	2	4	-	-	-	-
	Mildenhall	160	01	83	bc	28·7	-14	73	56	-	-	2	4	-	-	-	-
3	Cranfield	140	07	81	c	27·8	-12	70	45	-	-	8	6	-	-	-	-
	Elmdon	120	07	81	bc	27·9	-15	71	51	-	6	2	5	1	81	-	-
	Wittering	180	08	81	bc	28·3	-17	71	41	-	4	4	5	1	84	-	-
	Watnall	200	07	81	bc	28·0	-16	71	49	-	-	2	3	-	-	-	-
4	Little Rissington	160	09	81	c	27·8	~~-02~~ -20	70	49	-	8	2	6	2	84	-	-
	Ross-on-Wye	190	09	80	c	27·7	-12	73	56	-	-	6	6	-	-	-	-
	Shawbury	180	10	81	bc	26·8	-16	74	49	1	-	4	4	1	35	-	-
5	Bristol	180	07	82	c	27·7	-09	75	56	1	-	2	7	1	30	-	-
	Exeter	160	10	80	bc	27·4	-06	68	58	-	-	6	5	-	-	-	-
	Portland Bill																
	Plymouth	110	06	80	c	27·2	-02	75	56	1	-	2	7	1	45	-	-
	Chivenor	110	11	81	b	27·0	-11	76	55	1	-	1	2	1	25	-	-
	St. Eval	170	10	81	c	26·9	-04	73	55	1	-	2	7	1	50	-	-
	Lizard	160	06	48	z	27·3	+00	70	62	-	-	6	3	-	-	-	-
	Scilly, St. Mary's	110	10	80	bc	26·3	-07	74	62	-	8	2	3	2	70	-	-
	Guernsey	070	07	32	z	26·6	-07	73	58	-	-	7	7	-	-	-	-
	Aberporth	360	06	81	bc	27·0	-01	64	59	1	-	6	4	2	23	-	-
6	Pembroke	130	04	40	z	27·6	-02	65	55	1	-	8	3	1	25	-	-
7	Holyhead (Valley)	230	11	81	b	26·7	-01	63	52	1	7	1	1	-	-	1	30
8	Manchester	220	05	48	b	26·9	-13	74	49	-	-	2	2	-	-	-	-
	Squires Gate	300	~~09~~ 12	48	bc	26·9	-08	69	55	1	-	1	4	1	30	-	-
	Silloth	240	19	80	z	26·1	-12	68	53	1	3	6	7	1	25	-	-
9	Finningley	180	12	81	0	27·6	-17	73	44	-	3	2	8	3	-	-	-
10	Spurn Head	130	08	81	bc	29·2	-06	67	56	-	-	5	5	5	89	-	-
	Leeming	160	05	29	c	26·4	~~-02~~ -20	69	48	-	-	2	6	-	-	-	-
	Tynemouth	130	15	55	bc	26·6	-14	65	54	3	-	-	5	5	30	-	-
11	St. Abb's Head	160	05	61	bc	25·2	-17	66	53	5	-	-	5	5	40	-	-
	Leuchars	220	06	80	bc	24·5	-14	71	46	5	3	-	4	4	85	2	40
12	Eskdalemuir	200	11	82	c	~~25·5~~ 25·4	-12	65	53	8	-	2	6	6	25	-	-
	Prestwick	270	12	82	c	25·7	-08	66	53	1	8	-	7	6	83	2	35
	West Freugh	180	08	82	bc	26·0	-11	64	52	1	3	2	5	3	83	1	30
	Ronaldsway	190	10	82	bc	26·8	-05	65	47	1	3	2	5	1	35	-	-
13A	Tiree	190	16	81	c	24·4	-02	63	54	8	7	9	7	4	40	3	22
13B	Benbecula	210	14	82	c	22·4	-06	62	53	8	-	-	7	8	40	1	22
	Stornoway	180	16	82	c	22·1	-04	60	51	2	8	3	6	4	28	-	-
	Cape Wrath	230	19	83	bc	22·0	-10	59	49	8	-	-	5	5	30	-	-
	Sule Skerry	230	09	81	bc	22·5	-20	61	50	5	-	-	5	5	20	-	-
14	Loch Rannoch	220	10	80	bc	23·1	-20	71	52	1	8	-	3	2	35	-	-
15	Dyce	320	05	81	bc	23·2	-10	63	43	5	-	-	3	3	35	-	-
	Lossiemouth																
	Wick	160	11	82	bc	22·3	-12	61	53	1	8	-	3	2	25	-	-
16	Lerwick	170	15	80	c	24·2	-10	57	51	1	7	-	7	7	-	3	15
17	Blacksod Point	230	13	81	c	24·9	-03	63	54	8	-	-	7	7	31	-	-
18	Malin Head	180	05	82	c	24·5	-06	66	53	8	-	-	6	6	26	-	-
	Aldergrove	220	10	81	c	25·7	-12	69	53	5	3	-	6	5	30	-	-
	Castle Archdale	250	09	81	c	24·7	-09	66	54	8	-	2	7	6	40	3	25
19	Birr Castle *	180	09	81	bc	25·7	-06	73	53	4	-	-	5	5	35	-	-
	Collinstown *	140	11	81	bc	26·1	-10	68	51	8	3	1	3	2	35	-	-
	Rineanna *	230	10	82	b	25·3	-11	70	58	2	-	1	2	-	-	-	-
20	Valentia *	200	09	81	c	25·8	-06	69	58	8	4	-	6	4	31	1	26
	Midleton *	190	03	81	bc	26·4	-07	71	56	8	3	-	4	2	35	-	-

* Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 2nd July

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt. 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21 h State of ground (33)	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	100	11	81	b	26·5	-05	74	48	-	3	1	2	1	-	-	-	0	cy, cy, bcy, by	77	12·1	-
London Airport	090	10	81	b	25·7	-10	74	48	-	-	1	2	-	-	-	-	0	cbcb	77	*	-
Lympne	070	07	83	c	27·1	-10	62	42	-	3	2	7	2	-	-	-	0	bcvy cyv byb	67	12·9	-
Tangmere	120	10	82	bc	26·1	-08	67	48	-	-	2	4	-	-	-	-	0	cy, bcy b	70	13·6	-
Calshot	100	08	82	bc	26·4	-09	64	50	-	-	1	4	4	-	-	-	0	cbcbcycy bcy	66	13·2	-
Boscombe Down	150	08	81	b	25·4	-09	71	49	-	-	2	2	-	-	-	-	0	bcycy bc	75	13·4	-
Felixtowe	120	08	81	c	27·8	-08	61	50	-	7	2	~~6~~ 5	1	85	-	-	0	bccy cyb cyb	66	13·7	-
Gorleston	110	10	80	bc	28·2	-06	60	51	-	-	2	4	-	-	-	-	0	bc, bcb	64	13·0	-
West Raynham	130	15	82	bc	26·3	-05	68	47	-	-	2	4	-	-	-	-	0	bcycy bcy byb	74	14·1	-
Mildenhall	160	10	83	bc	26·5	-06	71	48	-	4	2	5	1	-	-	-	0	bcycy bcy byb	78	13·3	-
Cranfield	-	0	40	b	25·3	-08	73	49	-	-	2	1	-	-	-	-	0	cy bcy cy bzcy by	75	11·5	-
Elmdon	220	08	81	b	24·7	-09	75	52	1	-	-	2	2	40	-	-	0	bcy by	76	*	-
Wittering	180	04	81	b	25·5	-12	74	47	1	-	1	1	1	35	-	-	0	cy bcy by	75	12·9	-
Watnall	180	08	81	b	24·9	-10	75	53	1	-	1	1	1	50	-	-	0	bcy, cmo	75	13·7	-
Little Rissington	160	05	~~70~~ 81	bc	25·1	-11	73	52	1	-	-	3	3	40	-	-	0	cy bcy b	75	8·5	-
Ross-on-Wye	210	05	80	b	25·2	-10	75	52	1	-	1	1	1	35	-	-	0	by	77	13·4	-
Shawbury	310	08	81	c	~~21·4~~ 24·1	-09	79	51	1	-	2	6	4	40	-	-	0	bcy cy bcy	80	12·1	-
Bristol	200	06	81	bc	25·0	-10	75	55	1	8	-	3	3	40	-	-	0	bcyb	78	12·2	-
Exeter	160	05	82	b	26·3	-07	64	51	-	-	2	2	-	-	-	-	0	cbccbcyb	71	13·1	-
Portland Bill																					
Plymouth	090	07	81	b	25·8	-02	72	56	-	6	4	2	1	83	-	-	0	ccy bcy by bcy	77	13·1	-
Chivenor	360	07	80	bc	25·2	-04	74	54	4	3	2	5	1	40	-	-	0	bcby bcy bcb	79	12·8	-
St. Eval	040	02	81	bc	25·7	-04	71	56	-	-	2	3	-	-	-	-	0	bbcy bcb	75	13·9	-
Lizard	110	07	48	z	25·1	-08	67	60	-	-	6	4	-	-	-	-	0	bcz c	71	12·4	-
Scilly, St. Mary's	110	10	40	bc	24·6	-11	69	64	-	-	2	3	-	-	-	-	0	bc	76	14·4	-
Guernsey	060	05	64	bc	24·7	-08	67	53	-	-	8	3	-	-	-	-	0	c, bc	74	13·8	-
Aberporth	020	01	81	b	25·4	-10	65	52	-	-	1	1	-	-	-	-	0	bcb	71	14·0	-
Pembroke	290	04	60	b	25·7	-10	66	55	-	-	8	2	-	-	-	-	0	bcmobc	68	14·5	-
Holyhead (Valley)	230	08	82	b	24·9	-06	64	47	1	4	2	2	1	40	-	-	0	bc by	66	14·3	-
Manchester	330	10	56	b	24·4	-05	73	55	1	-	9	2	1	40	-	-	0	by	79	13·2	-
Squires Gate	300	10	82	b	25·4	-07	67	52	-	3	1	2	1	81	-	-	0	bczoy bzo bcby bcb	75	14·0	-
Silloth	240	15	82	c	25·4	-00	63	48	-	-	-	6	3	80	-	-	0	cbcy bcb	70	*	-
Finningley	190	14	56	b	24·4	-11	77	48	-	4	2	2	1	-	-	-	0	bcy bc	79	14·1	-
Spurn Head	130	10	81	bc	26·1	-10	65	53	-	-	5	3	3	89	-	-	0	cbc	71	12·7	-
Leeming	250	14	81	c	23·8	-05	74	53	-	3	-	6	-	-	-	-	0	czo cy	81	9·9	-
Tynemouth	130	03	56	c	24·1	-05	64	53	5	-	-	6	6	65	-	-	0	cmo cbc	75	*	-
St. Abb's Head	130	02	80	bc	23·1	-07	66	49	5	-	-	5	5	40	-	-	0	bcmobc	69	*	-
Leuchars	260	14	82	bc	22·7	-05	73	49	5	7	4	5	1	40	-	-	0	cybcy byb	75	14·2	-
Eskdalemuir	170	10	81	bc	23·8	-06	~~65~~ 65	53	8	8	-	5	3	28	-	-	0	bcmobcy bcb	70	9·7	-
Prestwick	280	10	82	bc	24·1	-08	67	56	8	-	8	3	1	40	-	-	0	cycbcbc	70	12·4	-
West Freugh	180	08	82	b	24·3	-07	65	51	-	4	1	1	-	-	-	-	0	cb	68	*	-
Ronaldsway	210	07	82	c	24·8	-08	63	50	1	3	9	6	1	35	-	-	0	cbccyb	67	14·4	-
Tiree	240	07	80	ido	23·9	-04	60	54	8	-	-	7	7	30	1	15	0	ccpro idoc	65	4·1	TR
Benbecula	210	18	80	c	21·6	-09	60	55	6	-	-	7	7	28	3	10	1	ccidomo	64	2·2	0·1
Stornoway	180	16	80	c	21·6	-01	57	55	5	-	-	7	7	30	3	20	1	cjpidoc	65	3·7	TR
Cape Wrath	230	19	83	c	20·7	-02	56	50	8	-	-	6	6	25	-	-	0	c	61	*	-
Sule Skerry	230	13	81	c	22·3	401	59	52	5	-	-	7	7	15	-	-	0	c	62	*	-
Loch Rannoch	330	08	81	c	21·1	-02	70	56	1	-	6	7	4	30	-	-	0	cbyc	75	90	-
Dyce	270	18	81	bc	21·7	-02	69	48	5	-	-	4	4	50	-	-	0	bccbc	72	11·2	-
Lossiemouth																					
Wick	290	07	81	b	21·8	-03	60	52	1	3	-	2	1	30	-	-	0	bccb	66	12·0	-
Lerwick	250	03	80	c	22·4	-09	55	53	6	4	4	6	8	06	-	-	0	cbc	66	6·5	-
Blacksod Point	250	13	81	bc	23·9	-06	63	57	8	-	-	5	3	29	-	-	0	bcb	65	10·6	-
Malin Head	300	05	82	bc	23·7	-09	63	55	1	3	-	4	1	83	3	36	0	c	68	10·4	-
Aldergrove	260	04	81	b	23·7	-10	72	55	1	-	-	2	2	35	-	-	0	cycbcbyb	73	9·2	-
Castle Archdale	290	05	82	b	23·5	-03	68	58	5	-	-	2	2	35	-	-	0	cbc	70	10·9	-
Birr Castle	360	09	81	bc	23·7	-05	75	58	4	-	8	5	3	35	-	-	0	b	77	12·5	-
Collinstown	140	11	83	bc	24·1	-09	63	54	1	3	1	4	1	50	-	-	0	c	70	13·6	-
Rineanna	280	10	82	c	24·3	-05	68	56	1	3	1	6	5	35	-	-	0	c	74	11·4	-
Valentia	270	06	81	bc	24·9	-03	64	55	8	-	9	5	1	26	-	-	0	c	71	9·7	-
Midleton	200	07	81	b	24·6	-10	69	58	1	3	-	1	1	35	-	-	0	b	72	13·4	-

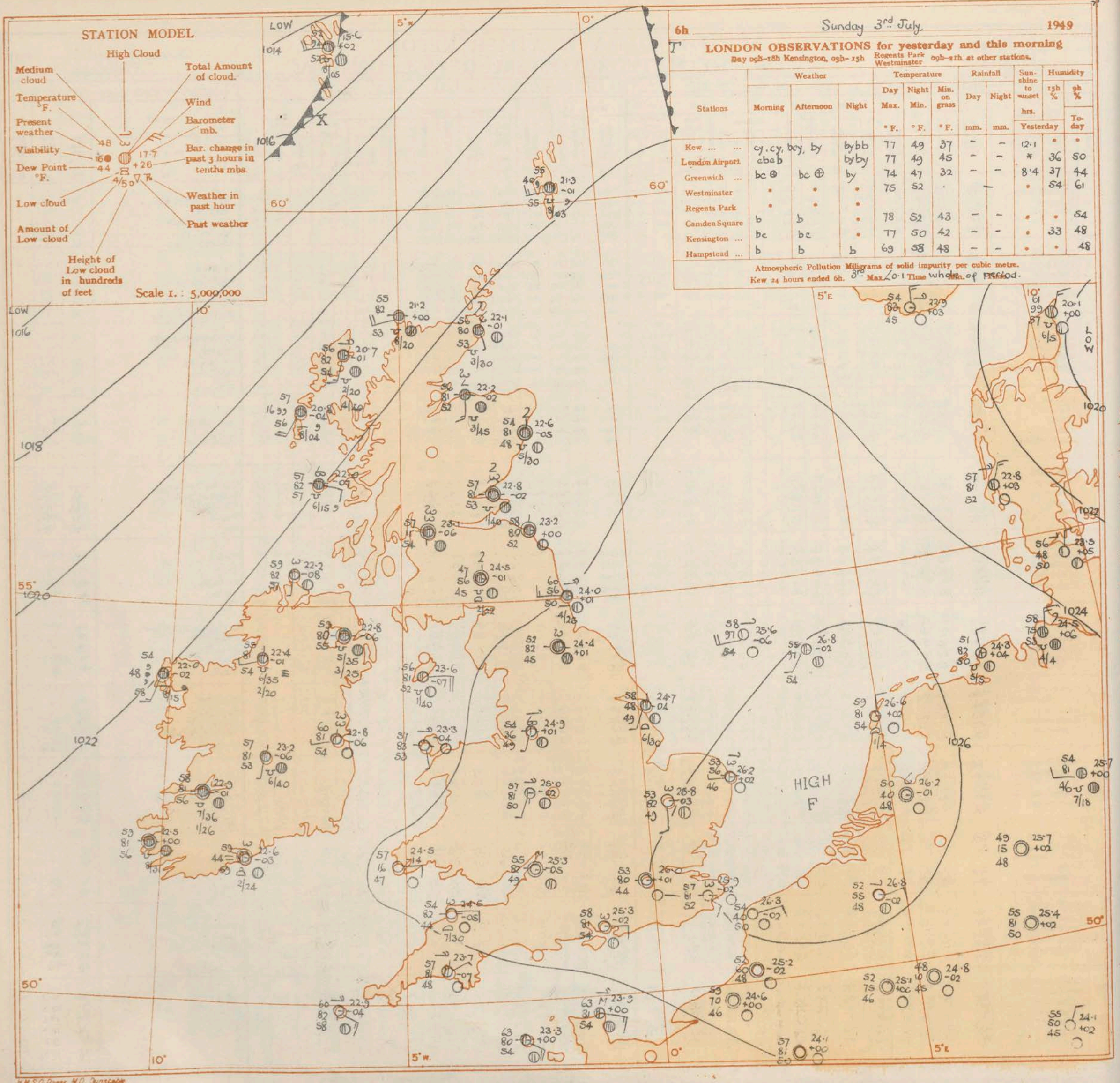
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered (" Oktas "). " Trace " is included in figure 1. " Overcast but with openings " is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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



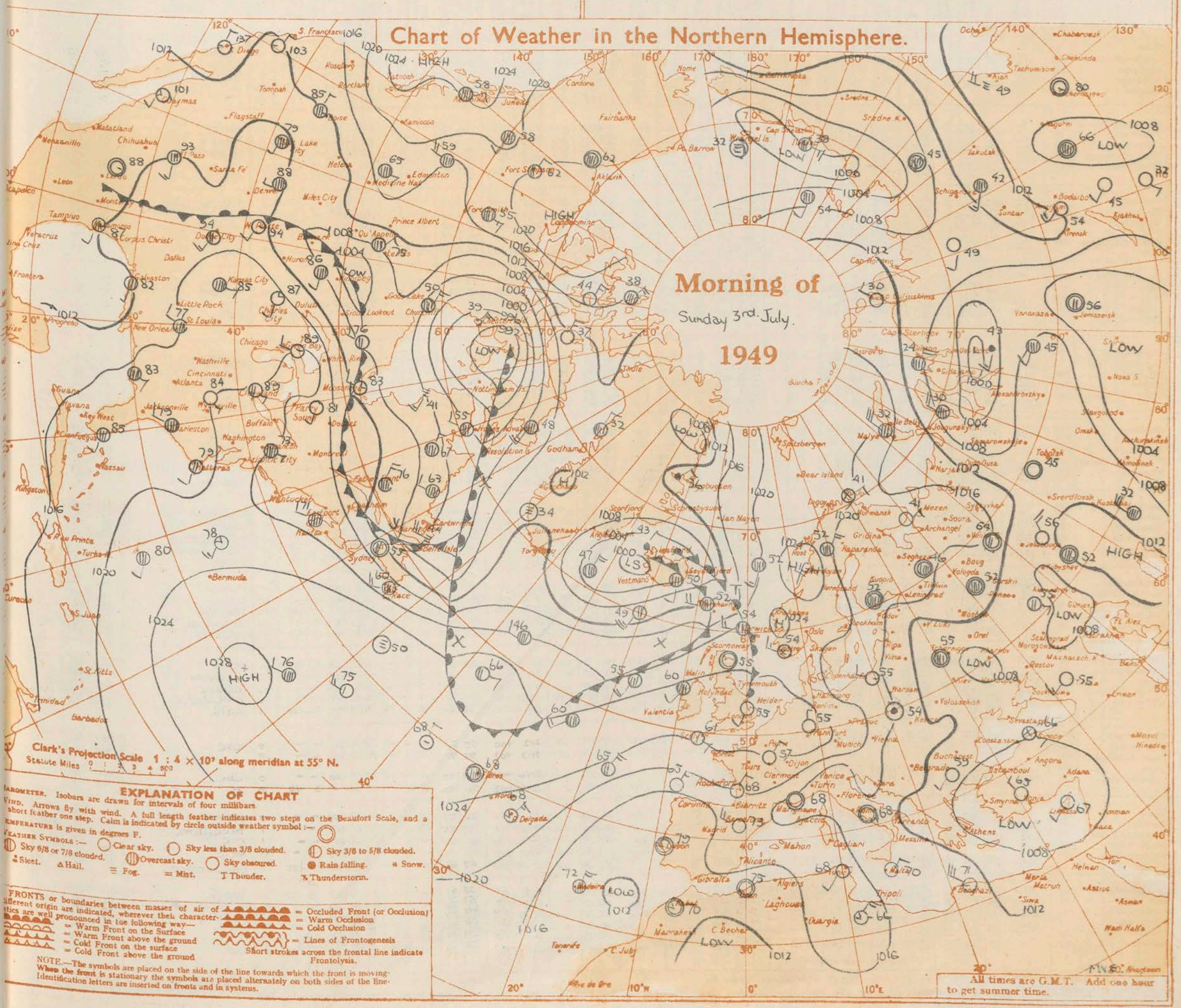
H.M.S.O. Press, M.O., Dunstable

GENERAL INFERENCE

Continuing fine and warm in England, Wales and Southeast Scotland. Cloudy with occasional light rain or drizzle in northwest Ireland and north and West Scotland.

FURTHER OUTLOOK

Continuing fine and warm in most districts of England and Wales, though local thunderstorms are possible in the north late on Monday, and this thundery tendency may extend to Southern districts during the next day or two. Unsettled further north.



Page 4.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 3rd July 1949

No. 32000

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

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	18	•	•	•	•	•	•	58	•	•	•	•	•	•	•	•	
	London Airport	82	100	07	80	b	26.7	+03	59	44	-	-	-	0	0	0	-	-
1	Lympne	341	070	10	81	b	26.7	-04	53	50	-	-	-	0	0	0	-	-
	Tangmere	63	050	05	64	b	26.1	+00	47	43	5	-	-	1	1	60	-	-
	Calshot	8																
	Boscombe Down	414	—	0	80	b	26.1	+03	55	48	-	-	-	0	0	0	-	-
2	Felixtowe	10	140	05	81	b	26.5	+11 -10	58	47	-	-	-	0	0	0	-	-
	Gorleston	5	200	06	80	b	28.3	-04	55	48	-	-	2	1	-	-	-	-
	West Raynham	250	170	05	80	b	26.3	-04	51	46	-	3	2	1	-	-	-	-
	Mildenhall	15	—	0	81	b	26.4	-03	52	47	-	4	-	1	1	-	-	-
3	Cranfield	340	150	05	56	b	26.0	+02	55	42	-	-	-	0	0	0	-	-
	Elmdon	326	150	06	64	b	25.2	+07	60	51	-	-	-	0	0	0	-	-
	Wittering	236	180	04	80	b	26.0	+02	55	43	-	4	-	1	-	-	-	-
	Watnall	366	190	01	64	bc	25.1	+04	61	48	-	3	-	3	-	-	-	-
4	Little Rissington	740	200	11	82	b	26.5	+13	57	47	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury	235	—	0	81	b	25.3	+03	58	48	5	-	-	2	2	40	-	-
5	Bristol	209	—	0	80	b	25.8	+03	57	51	-	-	-	0	0	0	-	-
	Exeter	100	—	0	64	b	26.1	-02	52	50	-	-	-	0	0	0	-	-
	Portland Bill	32																
	Plymouth	90	—	0	64	bc	25.6	-01	57	46	-	3	-	3	3	-	-	-
	Chivenor	20	090	04	80	b	25.6	-01	60	47	-	-	-	0	0	0	-	-
	St. Eval	336	140	10	80	b	25.4	-04	60	~~44~~ 45	-	-	-	0	0	0	-	-
	Lizard	240	140	05	64	b	24.8	-02	60	56	5	-	-	1	1	25	-	-
	Scilly, St. Mary's	163	110	10	48	bc	24.3	-04	61	60	-	8	-	3	3	70	-	-
	Guernsey	340	020	05	81	b	24.5	+00	57	52	-	-	-	0	0	0	-	-
	Aberporth	375	—	0	84	b	25.7	-01	56	50	5	-	-	1	-	-	-	-
6	Pembroke	142	—	0	81	b	25.3	+01	60	52	-	-	4	1	-	-	-	-
7	Holyhead (Valley)	32	200	05	81	b	24.3	-02	55	51	-	4	2	1	1	-	-	-
8	Manchester	230	040	04	56	bc	25.2	-01	56	50	-	3	-	4	4	83	-	-
	Squires Gate	33	—	0	81	b	25.1	+00	51	48	-	4	1	2	1	83	-	-
	Silloth	25	210	11	82	pR2	24.6	+02	53	47	-	3	-	3	-	-	-	-
9	Finningley	52	160	06	72	c	24.5	+02	61	52	5	-	-	6	6	54	-	-
10	Spurn Head	29	130	14	80	b	25.2	+00	61	57	5	-	-	1	1	30	-	-
	Leeming	105	310	02	80	bc	24.8	+08	58	44	-	4	9	3	1	-	-	-
	Tynemouth	108	270	09	56	bc	24.4	+02	60	50	5	-	-	4	4	36	-	-
11	St. Abb's Head	280	310	13	80	bc	23.3	+02	63	50	2	-	-	2	2	40	-	-
	Leuchars	36	—	0	82	b	23.0	-00	56	51	5	-	2	2	1	40	-	-
12	Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick	30	110	06	80	bc	24.0	-03	58	54	5	-	2	3	1	35	-	-
	West Freugh	52	100	04	81	b	24.0	-04	54	50	5	4	1	1	1	40	-	-
	Ronaldsway	55	010	06	82	b	24.8	-00	50	46	-	-	2	1	-	-	-	-
13A	Tiree	29	220	06	56	DD	23.5	-03	58	56	5	-	-	8	8	16	-	-
13B	Benbecula	16	250	09	81	o	22.0	+01	56	52	6	-	-	8	8	21	4	08
	Stornoway	10	250	05	81	o	21.8	+02	56	55	8	-	-	8	6	25	3	15
	Cape Wrath	367	230	10	83	o	21.5	-01	56	52	5	-	-	7	7	25	-	-
	Sule Skerry	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce	234	—	0	81	bc	22.9	+06	55	50	5	3	1	3	1	30	-	-
	Lossiemouth	21	180	08	8	c	22.7	+06	55	51	5	-	-	6	6	45	-	-
	Wick	119	—	0	80	bc	22.8	+06	53	49	-	3	1	3	3	81	-	-
16	Lerwick	269	260	11	80	c	21.6	-02	54	52	5	3	-	7	6	18	-	-
17	Blacksod Point	18	250	09	81	o	23.6	-08	60	58	6	-	-	8	8	21	-	-
18	Malin Head	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove	220	140	04	80	c	24.0	+03	59	54	5	-	9	6	5	35	-	-
	Castle Archdale	225	360	03	64	c	23.5	-01	57	56	5	3	6	7	1	25	-	-
19	Birr Castle *	187	360	05	81	b	24.2	+00	58	53	-	4	-	2	2	80	-	-
	Collinstown *	226	250	11	81	bc	23.5	-02	61	55	5	4	1	3	2	35	-	-
	Rineanna *	10	300	02	82	c	24.0	-04	57	54	5	-	-	6	6	31	-	-
20	Valentia *	30	—	0	81	c	24.1	-03	58	56	5	-	-	7	7	28	-	-
	Midleton *	30	—	0	80	b	24.0	-06	54	54	-	3	-	2	2	83	-	-

OBSERVATIONS at 06hr G.M.T. 3rd July — OBSERVATIONS Saturday NIGHT

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	—	0	81	b	26.0	+00	59	45	-	-	1	1	-	-	-	-	0	bybb	49	37	-
London Airport	—	0	80	b	26.0	+01	53	44	-	1	-	1	1	83	-	-	0	byby	49	45	-
Lympne	130	05	81	b	25.9	-02	57	52	-	3	-	1	-	-	-	-	0	cyvbbwb	52	46	-
Tangmere	070	05	87	b	25.4	+00	58	52	-	3	-	1	1	84	-	-	0	b	46	42	-
Calshot	080	08	81	b	25.3	-02	58	54	-	3	-	8	1	-	-	-	0		54	49	-
Boscombe Down	070	04	81	b	25.1	-06	55	46	-	3	0	1	1	83	-	-	0	bcbby	51	38	-
Felixtowe	180	03	81	b	26.0	+00	61	57	-	7	-	1	1	80	-	-	0	bbwbwb	58	47	-
Gorleston	270	01	56	bc	26.2	+02	53	46	-	3	1	3	2	-	-	-	0	bcbcbwb	50	45	-
West Raynham	180	10	82	b	25.7	-01	53	49	-	8	-	1	-	-	-	-	0	bby	47	41	-
Mildenhall	160	02	82	b	25.8	-03	53	49	5	5	3	1	1	50	-	-	0	bbcby	45	36	-
Cranfield	230	07	81	b	25.2	-04	55	44	-	3	2	1	1	83	-	-	0	bybz.bcz.bby	50	43	-
Elmdon	190	05	81	bc	25.0	-02	57	50	-	-	2	3	-	-	-	-	0	bybcby	53	43	-
Wittering	200	04	40	b	25.2	-00	53	45	-	-	2	1	-	-	-	-	0	bybbz.by	49	46	-
Watnall	210	03	32	bc	24.6	-02	59	52	-	-	2	4	-	-	-	-	0	bcz.m.z.	53	46	-
Little Rissington	230	09	82	b	25.7	-06	56	47	-	3	4	2	1	83	-	-	0	bbcb	53	47	-
Ross-on-Wye	230	01	81	b	25.7	-04	59	52	-	-	1	1	-	-	-	-	0	bb	55	•	
Shawbury	270	05	81	b	24.6	~~-05~~ -03	56	50	-	-	9	1	-	-	-	-	0	bccbcy	51	47	-
Bristol	—	0	82	b	25.3	-05	55	49	-	8	-	1	1	83	-	-	0	bby	49	41	-
Exeter	—	0	80	b	24.9	-05	50	47	-	8	-	1	-	-	-	-	0	b	46	36	-
Portland Bill																					
Plymouth	070	02	81	bc	23.7	-07	57	48	-	-	2	4	-	-	-	-	0	bybcbbcy	53	48	-
Chivenor	090	06	82	b	24.5	-05	~~54~~ 55	~~49~~ 48	1	3	-	1	1	30	-	-	0	bbcby	52	46	-
St. Eval	090	07	82	bc	23.8	-03	60	46	-	3	2	5	1	-	-	-	0		57	54	-
Lizard	130	09	64	bc	23.3	-02	61	58	5	8	-	4	3	25	-	-	0	bc	58	•	-
Scilly, St. Mary's	110	10	82	b	22.9	-09	60	58	-	-	2	1	-	-	-	-	0	bcb	59	•	-
Guernsey	110	04	80	bc	23.3	-03	63	54	-	-	4	3	-	-	-	-	0	bcbbc	56	53	-
Aberporth	180	06	84	bc	24.2	-09	58	54	-	3	1	3	-	-	-	-	0	bbcb	54	40	-
Pembroke	080	02	16	b	24.5	-14	57	47	-	-	-	0	0	0	-	-	0	bcb	55	•	-
Holyhead (Valley)	130	03	83	b	23.3	-04	57	53	-	-	2	1	-	-	-	-	0	bbv	51	43	-
Manchester	200	02	36	b	24.9	+01	54	49	-	7	1	2	1	83	-	-	0	bcbwbcy	49	41	-
Squires Gate	—	0	24	b	24.7	+00	53	49	-	3	1	2	1	83	-	-	0	bm.z.bcb	44	38	-
Silloth	090	04	82	c	24.0	-03	54	50	-	3	2	6	-	-	-	-	0	bccbc	47	38	-
Finningley	—	0	32	bc	24.6	-00	56	48	-	4	2	4	2	-	-	-	0	bcbcz.bcz.y	53	47	-
Spurn Head	200	04	48	c	24.7	-04	58	49	1	-	-	6	-	30	-	-	0	bccm.bcm.	56	•	-
Leeming	—	0	82	c	24.4	+01	52	45	-	-	9	7	-	-	-	-	0	bcybc	48	47	-
Tynemouth	270	09	56	c	24.0	+01	60	50	6	-	2	7	4	25	-	-	0	bccbc	56	53	-
St. Abb's Head	—	0	80	c	23.2	+00	58	52	2	-	-	7	7	40	-	-	0	bbcc	53	•	-
Leuchars	—	0	81	c	22.8	-02	57	53	5	7	6	7	1	-	1	40	0	bbccbc	51	46	-
Eskdalemuir	—	0	56	c	24.5	-01	47	45	8	-	6	7	2	22	-	-	0	bbccwbcb	43	38	-
Prestwick	130	02	83	c	22.8	-05	59	54	5	-	-	7	6	46	-	-	0	cbccr.c	55	51	TR
West Freugh	150	10	82	c	23.0	-04	58	55	5	3	-	6	2	83	5	40	0	bbcc	52	44	-
Ronaldsway	080	07	81	bc	23.6	-07	56	52	-	-	7	4	1	40	-	-	0	bbcwbcc	47	38	-
Tiree	100	06	82	o	22.0	-07	57	57	5	7	-	8	6	15	-	-	0	ccid.c	56	56	TR
Benbecula	190	12	16	d.d.	20.8	-04	57	56	6	-	-	8	8	04	-	-	1	cid.d.d.c	55	53	0·2
Stornoway	180	10	82	c	20.7	-01	56	54	5	-	2	7	4	40	2	20	1	ccid.	53	51	TR
Cape Wrath	230	10	82	o	21.2	+00	55	53	6	-	-	8	8	20	-	-	0	coc	53	52	-
Sule Skerry	230	09	80	o	21.9	+02	55	55	5	-	-	8	8	10	-	-	0		55	50	-
Loch Rannoch																					
Dyce	—	0	81	c	22.6	-05	54	48	5	-	6	7	5	30	-	-	0	cbc	46	38	-
Lossiemouth	170	10	81	c	22.2	-02	56	52	5	1	-	7	6	-	3	45	0	cc	53	44	-
Wick	140	03	80	c	22.1	-01	56	53	5	4	4	7	3	30	-	-	0	bcwc	49	45	-
Lerwick	240	09	40	id.	21.3	-01	55	55	5	-	-	8	8	03	-	-	1	bccd.d.m.	53	51	0·4
Blacksod Point	200	09	48	dr	22.0	-02	59	58	6	-	-	8	8	15	-	-	1	rc	57	47	1
Malin Head	180	01	82	bc	22.2	-08	59	57	-	3	-	4	4	83	-	-	0	bcc	57	•	-
Aldergrove	—	0	80	c	22.8	-06	59	55	5	-	-	7	3	35	3	25	0	bbccbcbccbc	57	53	-
Castle Archdale	230	05	81	c	23.4	-01	55	54	5	-	-	6	6	35	2	20	0	bccfc	51	41	-
Birr Castle *	180	05	81	c	23.2	-06	57	53	5	-	-	6	6	40	-	-	0	bbc	52	46	-
Collinstown *	260	05	81	bc	22.8	-06	60	54	5	3	-	4	2	48	-	-	0	bcb	57	52	-
Rineanna *	—	0	81	o	22.9	-01	58	56	5	-	-	8	7	30	1	20	0	bcc	55	48	-
Valentia *	—	0	81	o	22.5	+00	59	56	5	-	-	8	8	31	-	-	0	cc	56	52	-
Midleton *	—	0	44	bc	22.6	-03	59	59	2	3	-	3	2	24	-	-	0	bbc	52	46	-

* Rainfall read at 0600.

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 4th July 1949

No. 32001

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	110	04	81	b	24·8	-13	75	47	5	–	1	2	2	48	–	–
	London Airport	190	07	82	b	24·4	-15	78	~~49~~ 52	–	8	–	1	1	83	–	–
1	Lympne	110	06	82	b	25·4	-06	69	41	–	–	3	1	–	–	–	–
	Tangmere	130	08	80	b	24·9	-03	70	51	–	8	1	1	1	85	–	–
	Calshot	120	11	64	b	25·1	-01	63	56	–	3	1	1	1	–	–	–
	Boscombe Down	150	06	82	bc	23·9	-09	76	53	–	3	–	3	3	–	–	–
2	Felixtowe	150	09	81	b	25·7	-06	66	55	–	–	2	1	–	–	–	–
	Gorleston	160	14	64	b	25·7	-02	62	56	–	–	2	2	–	–	–	–
	West Raynham	250	06	82	b	24·5	-07	76	45	–	–	2	1	–	–	–	–
	Mildenhall	180	05	82	b	24·6	-08	78	41	–	–	2	1	–	–	–	–
3	Cranfield	160	06	81	b	23·9	-07	75	37	–	–	9	1	–	–	–	–
	Elmdon	180	06	81	bc	23·4	-13	76	54	1	3	2	3	4	30	–	–
	Wittering	190	09	81	bc	24·2	-07	75	47	5	–	4	3	2	35	–	–
	Watnall	–	0	48	bc	23·5	-07	77	54	1	–	2	5	4	33	–	–
4	Little Rissington	160	10	81	bc	23·8	-12	73	49	1	8	~~39~~	3	2	30	–	–
	Ross-on-Wye	190	09	81	b	23·9	-08	77	47	1	9	–	1	1	35	–	–
	Shawbury	270	08	81	b	23·3	-08	77	48	1	–	–	2	2	35	–	–
5	Bristol	160	04	82	bc	23·8	-09	76	53	1	8	–	3	1	35	–	–
	Exeter	160	10	80	b	24·0	-05	71	57	–	8	2	1	1	–	–	–
	Portland Bill	100	09	81	bc	24·9	-04	61	56	–	7	–	4	4	80	–	–
	Plymouth	090	10	81	b	22·9	-04	76	57	–	3	2	1	1	–	–	–
	Chivenor	130	03	82	b	23·4	-06	78	52	–	3	–	1	1	84	–	–
	St. Eval	350	10	81	b	23·2	-07	75	53	–	–	–	0	0	0	–	–
	Lizard	140	11	80	b	23·1	-04	67	59	–	–	–	0	0	0	–	–
	Scilly, St. Mary's	130	11	82	b	23·1	-04	71	60	–	–	–	0	0	0	–	–
	Guernsey	150	05	81	bc	23·5	-01	73	52	–	8	6	4	1	–	–	–
	Aberporth	030	03	81	b	23·2	-04	69	57	1	–	9	1	1	30	–	–
6	Pembroke	130	10	64	b	23·9	-01	65	56	–	4	–	1	1	83	–	–
7	Holyhead (Valley)	200	10	82	bc	22·8	-06	71	52	–	3	–	3	3	–	–	–
8	Manchester	190	11	81	bc	23·2	-09	77	50	1	–	2	3	1	30	–	–
	Squires Gate	300	10	80	b	24·1	+04	72	53	–	–	–	0	0	0	–	–
	Silloth	270	12	81	b	23·2	-06	68	57	–	3	–	3	1	50	–	–
9	Finningley	160	04	32	bc	23·3	-12	77	51	1	4	2	3	2	40	–	–
10	Spurn Head	–	0	16	bc	24·5	-02	73	59	5	–	–	5	5	15	–	–
	Leeming	–	0	82	b	22·7	-09	75	52	1	–	1	2	2	35	–	–
	Tynemouth	130	09	64	bc	23·8	-02	64	55	2	–	2	3	2	35	–	–
11	St. Abb's Head	090	05	80	c	22·3	-09	62	55	2	–	–	6	6	35	–	–
	Leuchars	–	0	80	c	21·7	-09	73	53	8	–	–	7	7	45	4	30
12	Eskdalemuir	190	11	81	bc	22·1	-06	70	52	2	–	–	3	3	25	–	–
	Prestwick	270	08	81	c	22·1	-07	68	58	8	–	–	7	6	45	2	30
	West Freugh	130	07	82	b	22·7	-06	68	60	2	3	–	1	1	30	–	–
	Ronaldsway	180	10	82	b	23·6	-04	67	53	2	–	–	1	1	30	–	–
13A	Tiree	170	10	81	c	21·5	-06	61	55	5	–	–	7	7	40	–	–
13B	Benbecula	210	18	81	c/a	19·9	-04	61	58	6	–	–	8	6	25	4	10
	Stornoway	170	11	80	jp	19·6	-11	~~55~~ 59	56	5	–	–	8	7	20	4	10
	Cape Wrath	230	15	83	c	21·2	-08	61	54	5	–	–	7	7	25	–	–
	Sule Skerry	130	05	82	o	20·8	-07	58	54	5	–	–	8	8	20	–	–
14	Loch Rannoch	160	10	81	c	21·8	-09	68	51	8	–	–	6	6	50	1	26
15	Dyce	100	08	82	c	20·7	-09	66	52	8	3	–	6	4	35	2	30
	Lossiemouth																
	Wick	130	08	84	c	21·2	-10	62	55	5	–	5	6	2	25	–	–
16	Lerwick	150	06	81	c	22·3	+03	57	55	5	–	8	7	7	35	–	–
17	Blacksod Point	280	05	81	c	22·2	00	60	55	8	–	–	7	4	45	3	21
18	Malin Head	360	01	82	c	21·7	-01	62	52	8	–	–	6	6	36	–	–
	Aldergrove	280	05	81	c	22·1	-06	69	59	5	–	–	7	6	25	2	20
	Castle Archdale	230	07	82	c	21·6	-04	65	55	8	–	–	7	7	35	3	20
19	Birr Castle	220	09	81	o	21·8	-05	74	61	4	–	7	8	6	35	–	–
	Collinstown	140	12	80	c	22·1	-08	65	58	8	3	–	7	4	60	2	30
	Rineanna	–	0	80	c	22·1	-04	68	59	5	3	–	7	5	40	1	22
20	Valentia	270	09	81	c/o	23·7	+04	63	59	6	–	–	8	6	05	–	–
	Midleton	190	09	64	bc	21·5	-07	73	58	2	–	–	3	3	28	–	–

* Rainfall read at 1800.

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

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21 h State of ground (33)
0	Kew	160	06	81	bc	22·4	-08	80	41	5	–	1	3	1	35	–	–	0
	London Airport	180	10	83	bc	22·3	-09	78	41	–	8	3	3	1	83	–	–	0
1	Lympne	080	03	82	bc	23·1	-10	69	50	–	–	3	3	–	–	–	–	0
	Tangmere	160	08	81	b	22·9	-10	71	44	–	8	–	2	2	85	–	–	0
	Calshot	100	06	81	b	22·9	-12	65	47	–	–	5	–	–	–	–	–	0
	Boscombe Down	120	08	81	b	22·3	-08	73	49	–	8	–	1	1	–	–	–	0
2	Felixtowe	100	07	81	b	24·1	~~-06~~ -12	65	55	–	7	2	2	2	85	–	–	0
	Gorleston	160	14	72	b	24·1	-09	61	55	–	–	2	1	–	–	–	–	0
	West Raynham	150	15	81	b	21·9	-10	74	40	–	3	9	1	1	–	–	–	0
	Mildenhall	160	08	83	b	22·5	-07	76	40	–	3	9	1	1	–	–	–	0
3	Cranfield	210	05	81	b	21·3	-11	78	45	–	–	2	1	–	–	–	–	0
	Elmdon	130	05	81	b	21·2	-11	77	49	4	–	–	1	1	40	–	–	0
	Wittering	230	09	81	b	21·6	-12	79	38	–	8	–	1	–	–	–	–	0
	Watnall	210	06	81	b	21·1	-09	77	50	1	–	–	1	1	40	–	–	0
4	Little Rissington	~~18~~ 180	09	82	b	21·9	-06	75	48	4	–	–	1	1	50	–	–	0
	Ross-on-Wye	230	08	80	b	21·6	-13	78	49	5	–	–	1	1	40	–	–	0
	Shawbury	170	05	81	c	20·6	-11	78	49	8	3	–	6	5	50	2	35	0
5	Bristol	180	05	81	b	21·7	-08	77	48	–	–	–	0	0	0	–	–	0
	Exeter	160	08	80	b	22·7	-06	69	53	–	4	–	1	–	–	–	–	0
	Portland Bill																	0
	Plymouth	130	06	81	b	22·2	-02	71	51	–	–	4	1	1	83	–	–	0
	Chivenor	200	13	82	b	21·6	-04	74	59	–	3	–	1	1	83	–	–	0
	St. Eval	360	02	81	b	21·9	-06	74	56	–	–	–	0	0	0	–	–	0
	Lizard	150	01	64	b	22·3	-04	67	62	–	–	–	0	0	0	–	–	0
	Scilly, St. Mary's	180	05	80	b	22·2	-02	69	61	–	–	–	0	0	0	–	–	0
	Guernsey	070	04	81	b	21·9	-08	75	52	–	–	3	0	–	–	–	–	0
	Aberporth	050	02	80	b	21·1	-10	70	54	–	–	9	1	–	–	–	–	0
6	Pembroke	220	02	64	b	22·0	-06	68	56	–	–	1	1	–	–	–	–	0
7	Holyhead (Valley)	240	09	72	bc	20·6	-12	71	51	–	8	–	3	3	83	–	–	0
8	Manchester	310	05	81	b	20·6	-10	79	53	1	4	–	1	1	35	–	–	0
	Squires Gate	310	05	80	b	21·8	-11	74	48	–	–	1	1	1	–	–	–	0
	Silloth	240	09	82	bc	21·4	-12	65	53	–	3	9	3	3	–	–	–	0
9	Finningley	160	10	40	b	20·5	-09	79	51	1	–	–	2	2	35	–	–	0
10	Spurn Head	130	10	80	bc	21·6	-14	67	59	–	–	8	3	–	–	–	–	0
	Leeming	160	03	48	b	~~20·7~~ 20·1	-10	75	55	4	–	–	2	2	70	–	–	0
	Tynemouth	180	13	40	c	21·5	-09	64	54	5	–	–	7	7	36	–	–	0
11	St. Abb's Head	130	05	64	c	20·3	-07	69	61	5	–	–	7	7	42	–	–	0
	Leuchars	~~280~~ 220	10	~~88~~ 81	c	19·6	-10	74	55	2	3	–	7	4	–	4	32	0
12	Eskdalemuir	230	06	82	c	20·5	-06	69	59	4	4	–	6	2	32	–	–	0
	Prestwick	260	06	82	c	20·6	-08	69	56	8	3	–	6	5	60	1	35	0
	West Freugh	160	06	81	bc	21·5	-07	65	56	–	3	–	5	5	83	–	–	0
	Ronaldsway	130	04	82	c	21·4	-10	65	53	–	3	9	7	7	84	–	–	0
13A	Tiree	280	03	82	c	20·6	-07	61	52	8	3	–	7	6	28	1	15	0
13B	Benbecula	230	11	82	bc	19·3	-02	60	53	8	–	1	5	4	32	2	20	1
	Stornoway	180	10	81	c	18·9	-04	57	55	5	–	–	7	7	25	–	–	1
	Cape Wrath	230	19	84	o	20·4	-03	57	53	6	–	–	8	8	25	–	–	0
	Sule Skerry	230	05	82	c	19·3	+00	59	55	5	–	–	7	7	30	–	–	0
14	Loch Rannoch	170	15	80	bc	19·1	-09	68	56	2	3	1	3	1	35	–	–	0
15	Dyce	–	0	81	bc	18·4	-11	69	55	2	–	–	5	5	30	–	–	0
	Lossiemouth																	
	Wick	150	05	81	c	19·2	-05	61	53	8	3	2	7	2	35	1	20	0
16	Lerwick	160	06	48	o	20·4	-06	56	55	6	–	–	8	8	04	–	–	1
17	Blacksod Point	240	09	80	c/o	21·5	-00	59	57	9	–	–	7	7	19	–	–	1
18	Malin Head	320	01	82	c	20·8	-07	61	56	8	–	–	7	7	21	–	–	0
	Aldergrove	270	06	80	c	20·2	-06	71	59	8	–	–	6	5	30	2	25	0
	Castle Archdale	290	09	83	c	20·1	-07	64	59	5	–	–	7	7	40	1	22	0
19	Birr Castle	270	09	81	c	20·4	-05	73	58	1	–	8	6	4	35	–	–	0
	Collinstown	210	08	80	b	19·3	-11	71	58	2	–	–	2	2	40	–	–	0
	Rineanna	280	11	81	bc	21·4	+01	66	55	4	–	–	4	4	25	–	–	0
20	Valentia	280	07	81	o	22·8	+00	61	54	5	–	–	8	8	22	–	–	0
	Midleton	190	11	56	bc	20·7	-02	70	56	–	3	–	3	3	83	–	–	1

OBSERVATIONS during DAY (3rd)

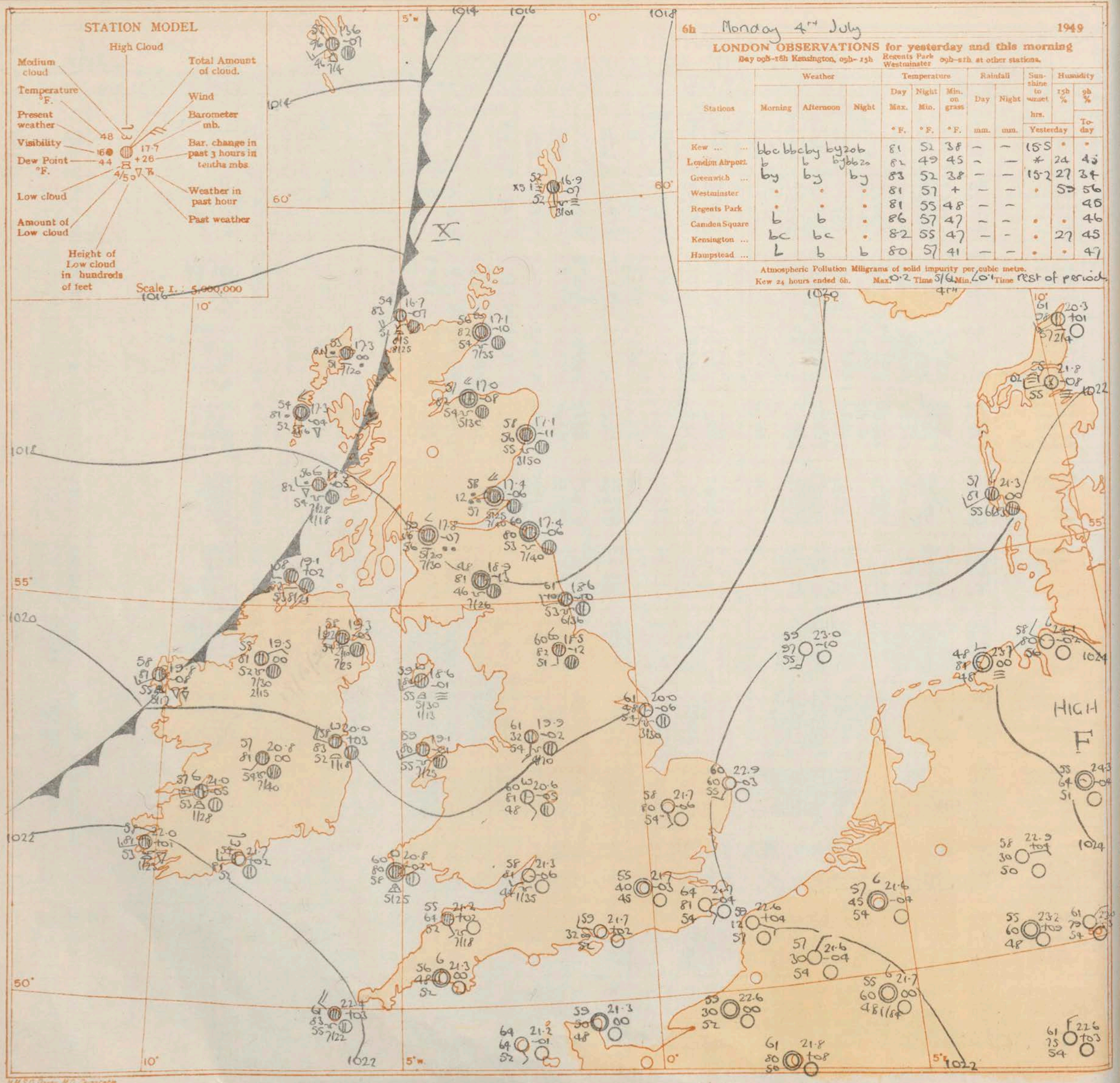
Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F. (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	bbcbbcby	81	15·5	–
London Airport	b	82	*	–
Lympne	bybcyb	72	15·3	–
Tangmere	b bcyb	73	14·4	–
Calshot	bbcey	66	14·8	–
Boscombe Down	bybcyby	78	14·5	–
Felixtowe	bbc bcb	68	14·3	–
Gorleston	bcb	65	15·5	–
West Raynham	by	80	14·8	–
Mildenhall	by	81	15·0	–
Cranfield	bybcyby	79	15·0	–
Elmdon	bybcy by	79	*	–
Wittering	bybcybc	80	14·2	–
Watnall	bczo by	79	11·6	–
Little Rissington	bybcy	77	14·2	–
Ross-on-Wye	bbcy by	80	14·6	–
Shawbury	bcybycy	81	12·9	–
Bristol	bbcby	80	14·4	–
Exeter	bbybm	73	14·9	–
Portland Bill	bc bc bb	63	*	–
Plymouth	byb	75	14·4	–
Chivenor	byb	80	14·7	–
St. Eval	byb	76	14·6	–
Lizard	bjf	70	13·2	–
Scilly, St. Mary's	b	73	14·4	–
Guernsey	bcb	78	13·7	–
Aberporth	bbcb	72	15·2	–
Pembroke	bebbc	68	14·7	–
Holyhead (Valley)	bv.by.bc	73	12·7	–
Manchester	bcyb	80	13·2	–
Squires Gate	bybcybc	75	14·1	–
Silloth	cbc	70	*	–
Finningley	bczo	82	11·2	–
Spurn Head	cmobcz	75	11·7	–
Leeming	bccbcy	80	11·5	–
Tynemouth	bcbcmobmcmo	70	*	–
St. Abb's Head	ccmobc	74	*	–
Leuchars	cypro	74	8·5	TR
Eskdalemuir	bbcybcc	72	11·2	–
Prestwick	cirocbcc	73	7·0	TR
West Freugh	cbcyc	71	*	–
Ronaldsway	cbcbc	67	11·2	–
Tiree	c	64	2·2	–
Benbecula	cidocirac	62	4·4	TR
Stornoway	ccidoc	61	0·2	TR
Cape Wrath	co	62	*	–
Sule Skerry	co	61	*	–
Loch Rannoch	cybc	71	9·2	–
Dyce	cbc	72	9·9	–
Lossiemouth				
Wick	cbcc	65	11·7	–
Lerwick	cdodomocbcof	59	2·6	–
Blacksod Point	cd	63	0·4	1
Malin Head	c	65	*	–
Aldergrove	bccyc	75	8·2	–
Castle Archdale	cbcc	69	2·6	–
Birr Castle	c	76	7·0	–
Collinstown	bc	73	10·8	–
Rineanna	cb	72	6·9	–
Valentia	cd	65	1·1	TR
Midleton	bcb	75	10·0	–

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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



H.M.S.O. Press, M.O. Barnscale

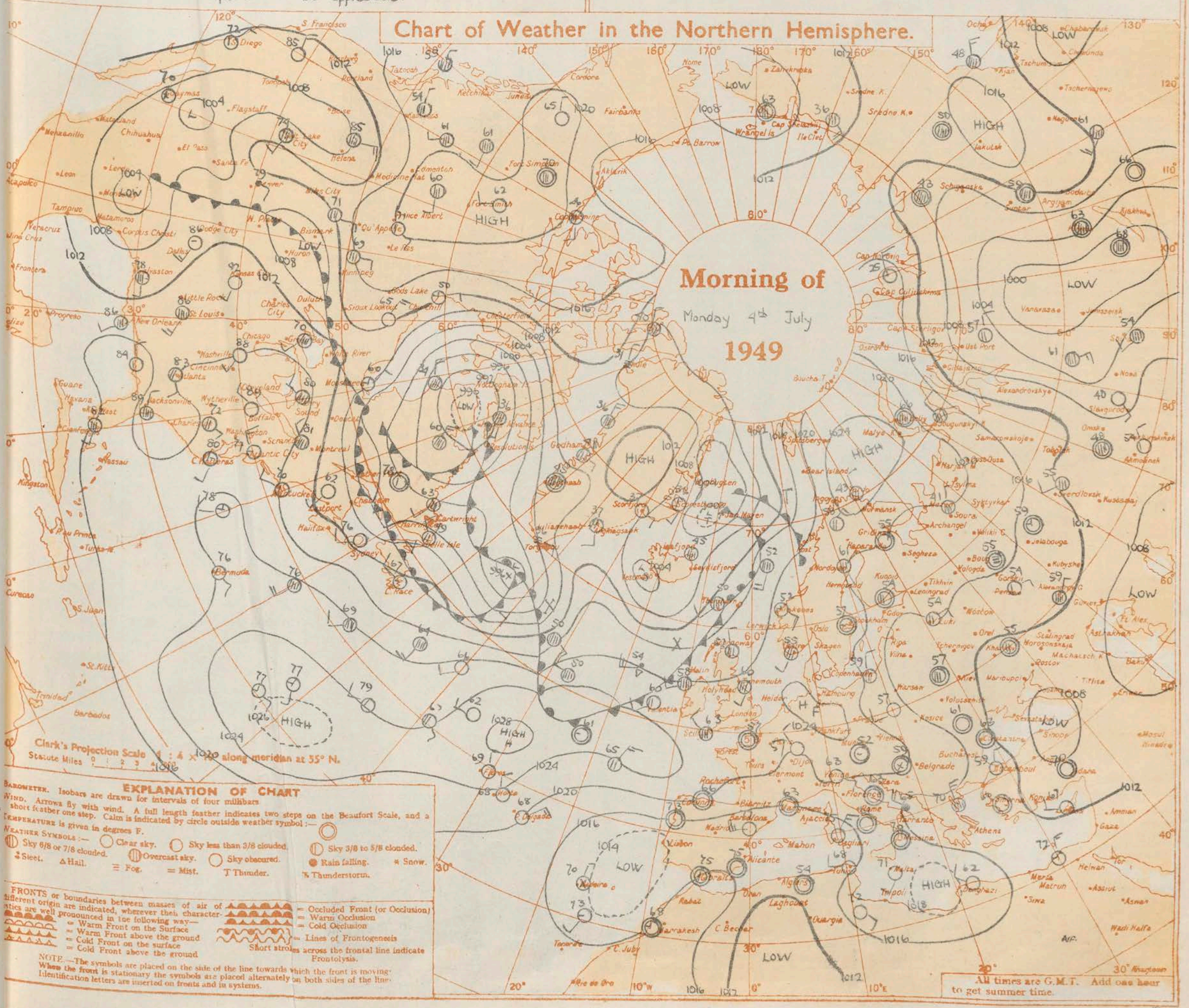
GENERAL INFERENCE

An anticyclone over Northwest Germany is moving slowly southeast, whilst a weak trough of low pressure over Scotland and North Ireland is moving steadily southeast, followed by an intensifying ridge of high pressure. In most southern and central districts of England it will be fine and very warm again today. In Scotland and Northern Ireland it will be cooler and mainly cloudy today with occasional rain or showers and perhaps local thunderstorms. These conditions will spread southeast to most parts of the country during the next 24 to 36 hours but rainfall in most districts is not expected to be appreciable.

FURTHER OUTLOOK

Outlook for the next few days :-

Possibly fair or fine in all districts but somewhat cooler



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 4th July 1949

No. 32001

OBSERVATIONS at 00hr G.M.T. 4th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	58	•	•	•	•	•	•	•	•	
	London Airport	82	—	0	80	b	23.3	+03	60	46	-	-	-	0	0	0	-	-
1	Lympne ...	341	080	10	81	b	23.1	-01	60	54	-	-	-	0	0	0	-	-
	Tangmere ...	53	360	03	64	b	23.1	+03	50	46	-	-	-	0	0	0	-	-
	Calshot ...	8	—	0	80	b	23.0	-02	61	55	-	-	-	0	0	0	-	-
	Boscombe Down	414	160	02	80	b	22.9	+02	56	44	-	-	-	0	0	0	-	-
2	Felixtowe ...	10	130	07	80	b	23.3	-02	60	56	-	-	-	0	0	0	-	-
	Gorleston ...	5	230	08	72	b	23.3	+00	58	51	-	-	-	0	0	0	-	-
	West Raynham	250	180	13	81	b	22.6	-02	56	45	-	-	-	0	0	0	-	-
	Mildenhall ...	15	170	06	81	b	22.6	-02	57	51	-	-	-	0	0	0	-	-
3	Cranfield ...	340	180	03	64	b	22.3	+04	58	43	-	-	-	0	0	0	-	-
	Elmdon ...	328	200	08	80	b	21.7	+02	63	50	-	-	-	0	0	0	-	-
	Wittering ...	236	190	06	80	b	22.8	+03	59	45	-	-	-	0	0	0	-	-
	Watnall ...	366	—	0	64	b	21.5	+01	62	52	-	3	-	1	1	-	-	-
4	Little Rissington	740	220	09	81	b	22.8	+05	61	48	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	—	0	64	b	21.0	+02	61	53	-	-	1	1	1	-	-	-
5	Bristol ...	209	200	02	80	b	22.3	+00	57	49	-	4	-	1	1	84	-	-
	Exeter ...	100	—	0	64	b	22.9	-01	54	51	-	4	-	1	1	30	-	-
	Portland Bill	32	090	02	81	b	23.5	+02	61	54	-	-	-	0	0	0	-	-
	Plymouth ...	90	—	0	80	b	22.9	+00	58	53	-	-	-	0	0	0	-	-
	Chivenor ...	20	110	04	81	b	22.5	+02	60	54	-	-	-	0	0	0	-	-
	St. Eval ...	336	—	0	80	b	23.2	+02	60	56	-	3	-	1	1	83	-	-
	Lizard ...	240	—	0	56	b	22.7	+04	60	59	-	-	-	0	0	0	-	-
	Scilly, St. Mary's	163	340	10	80	c	22.6	+08	63	60	5	-	-	7	7	25	-	-
	Guernsey ...	340	120	03	80	b	22.3	+05	66	47	-	-	-	0	0	0	-	-
	Aberporth ...	375	—	0	80	bc	21.3	-00	59	58	-	4	9	4	4	60	-	-
6	Pembroke ...	142	230	04	64	bc	21.9	+04	61	61	-	7	-	3	3	81	-	-
7	Holyhead (Valley)	32	180	13	64	b	20.2	-02	62	56	-	3	-	1	1	80	-	-
8	Manchester ...	230	—	0	32	bc	21.1	+03	60	51	5	4	1	3	1	35	-	-
	Squires Gate...	33	—	0	80	bc	20.6	-06	57	51	-	3	-	4	4	80	-	-
	Silloth ...	25	080	02	64	b	20.1	-06	59	54	-	3	-	1	1	80	-	-
9	Finningley ...	52	160	08	40	b	21.1	+04	64	51	5	-	-	2	2	30	-	-
10	Spurn Head ...	29	180	06	64	c	21.7	+01	63	55	5	-	-	6	6	20	-	-
	Leeming ...	105	—	0	32	c	20.7	+02	60	50	-	7	-	7	7	-	-	-
	Tynemouth ...	108	200	02	32	c	20.6	-09	60	54	5	-	-	6	6	37	-	-
11	St. Abb's Head	280	230	05	80	c	19.3	-07	65	52	5	-	-	7	7	40	-	-
	Leuchars ...	36	—	0	80	c	19.0	-08	60	57	5	-	-	7	7	35	-	-
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	300	02	80	c	19.5	-06	60	54	5	-	-	7	6	40	-	-
	West Freugh...	52	180	06	40	c	19.9	-10	60	56	5	-	-	7	6	52	2	20
	Ronaldsway ...	55	030	05	64	b	19.9	-07	53	51	-	3	-	1	1	83	-	-
13A	Tiree ...	29	190	05	82	c	19.6	-04	57	53	5	-	-	7	7	32	1	14
13B	Benbecula ...	16	180	08	82	o	18.3	-06	56	53	8	-	-	8	8	30	1	18
	Stornoway ...	10	210	06	82	o	18.4	-04	55	53	5	-	-	8	8	30	-	-
	Cape Wrath ...	367	230	09	83	o	18.1	-07	55	51	6	-	-	8	8	25	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	—	0	80	bc	19.3	+02	57	53	5	-	-	4	4	50	-	-
	Lossiemouth...	21	—	0	81	bc	18.8	-01	56	53	5	3	-	3	3	30	-	-
	Wick ...	119	310	03	82	c	18.7	-01	52	50	5	3	-	6	4	35	-	-
16	Lerwick ...	269	180	08	X5	of	18.6	-10	52	52	-	-	-	9	9	-	-	-
17	Blacksod Point	18	260	10	81	o	20.9	-01	58	52	8	-	-	8	8	21	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	320	03	80	bc	20.1	+00	57	55	5	-	-	5	5	28	-	-
	Castle Archdale	225	310	09	81	o	20.5	+02	58	54	5	-	-	8	8	25	-	-
19	Birr Castle ... *	187	200	05	81	c	21.6	+01	60	53	5	-	-	7	7	40	-	-
	Collinstown ... *	226	270	13	81	c	20.1	+07	62	55	5	-	-	7	5	37	-	-
	Rineanna ... *	10	260	08	81	c	22.2	-05	59	53	5	-	-	7	7	42	-	-
20	Valentia ... *	30	230	07	81	bc	22.7	-01	57	52	5	-	-	5	5	27	-	-
	Midleton ... *	30	330	07	81	b	21.8	+03	56	52	-	3	-	1	1	84	-	-

OBSERVATIONS at 06hr G.M.T. 4th July

Stations	Wind Direction (degrees) (17)	Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)
Kew	—	0	16	b	21.4	-02	61	51	-	-	-	0	0	0	-	-	0
London Airport	—	0	40	b	21.7	-03	55	45	-	-	-	0	0	0	-	-	0
Lympne	110	04	81	b	21.7	-04	64	54	-	-	-	0	0	0	-	-	0
Tangmere	—	0	81	b	21.3	-04	63	54	-	-	-	0	0	0	-	-	0
Calshot	330	02	32	z	21.7	+02	59	52	-	-	-	0	0	0	-	-	0
Boscombe Down	090	01	64	b	21.8	-06	56	49	-	-	-	0	0	0	-	-	0
Felixtowe	120	01	56	b	21.8	-05	62	59	-	-	-	0	0	0	-	-	0
Gorleston	200	05	60	b	22.9	-03	60	55	-	-	-	0	0	0	-	-	0
West Raynham	080	10	81	b	21.7	-03	59	55	-	-	-	0	0	0	-	-	0
Mildenhall	160	02	80	b	21.7	-06	58	54	-	-	-	0	0	0	-	-	0
Cranfield	230	04	81	b	20.8	-07	59	44	-	-	-	0	0	0	-	-	0
Elmdon	160	05	81	bc	20.6	-05	60	48	-	3	-	3	3	83	-	-	0
Wittering	200	04	56	b	21.0	-03	55	46	-	-	-	1	1	-	-	-	0
Watnall	210	07	40	b	20.1	-05	61	50	-	4	-	1	1	-	-	-	0
Little Rissington	230	# 10	82	b	20.8	-11	59	44	5	-	9	1	1	45	-	-	0
Ross-on-Wye	270	02	64	bc	21.4	-06	59	53	-	9	-	3	-	-	-	-	0
Shawbury	—	0	80	c	19.8	-05	59	50 55	-	3	9	7	5	84	-	-	0
Bristol	230	02	81	b	21.3	-06	58	44	5	-	-	1	1	35	-	-	0
Exeter	—	0	56	b	21.8	+01	52	50	-	3	-	1	-	-	-	-	0
Portland Bill	090	02	81	b	21.7	—	62	55	-	-	-	0	0	0	-	-	0
Plymouth	—	0	48	b	21.3	+00	56	52	-	4	-	2	2	85	-	-	0
Chivenor	110	05	64	c	21.5	+02	55	52	5	-	-	7	7	18	-	-	0
St. Eval	180	02	81	c	21.9	+01	60	59	5	3	-	7	2	-	5 6	18	0
Lizard	360	03	32	c	21.9	+00	60	60	5	-	-	7	7	20	-	-	0
Scilly, St. Mary's	310	11	83	c	22.4	+03	61	55	5	-	-	7	7	22	-	-	0
Guernsey	160	02	64	b	21.2	-01	64	52	-	-	-	0	0	0	-	-	0
Aberporth	200	05	81	c	20.2	-01	60	59	5	-	-	6	6	25	-	-	0
Pembroke	—	0	80	c	20.8	-02	60	58	3	3	-	7	5	25	-	-	0
Holyhead (Valley)	250	09	80	c	19.1	-01	59	55	5	-	-	7	7	25	-	-	0
Manchester	180	07	32	bc	19.9	-02	61	54	5	-	-	4	4	70	-	-	0
Squires Gate	240	12	64	bc	19.6	-04	62	59	-	3	-	4	4	80	-	-	0
Silloth	210	09	56	c	18.2	-09	62	59	6	7	-	7	7	80	1	12	0
Finningley	160	07	32	b	19.5	-04	57	49	-	9	-	1	-	-	-	-	0
Spurn Head	200	06	48	bc	20.0	-06	61	54	5	-	-	3	-	-	-	-	0
Leeming	180	02	82	c	18.5	-12	60	51	-	7	-	7	7	-	-	-	0
Tynemouth	270	05	10	c	18.6	-10	61	53	5	-	-	6	6	36	-	-	0
St. Abb's Head	—	0	80	c	17.6	-06	60	53	5	-	-	7	7	40	-	-	0
Leuchars	—	0	12	F	17.4	-06	58	57	6	2	-	8	8	40	5	25	1
Eskdalemuir	—	0	81	c	18.9	-13	48	46	5	-	-	7	7	26	-	-	1
Prestwick	—	0	24	o	17.8	-07	59	57	5	-	-	8	6	30	2	18	0
West Freugh	340	03	56	o	18.3	-03	58	57	5	-	-	8	6	15	-	-	1
Ronaldsway	260	07	80	c	18.6	-01	59	55	2	3	-	7	5	30	1	13	0
Tiree	270	05	82	pro	18.2	-05	56	54	8	7	-	8	7	28	1	18	0
Benbecula	—	0	81	iro	17.3	-04	54	52	6	2	-	8	8	-	4	16	2
Stornoway	270	03	81	iro	17.3	+00	53	51	6	-	-	8	7	20	-	-	1
Cape Wrath	230	13	83	o	16.7	-07	54	52	8	-	-	8	8	25	-	-	1
Sule Skerry	230	05	82	c	17.3	-10	56	52	8	7	-	6	4	30	-	-	0
Loch Rannoch																	
Dyce	—	0	56	c	17.1	-11	58	55	5	7	-	7	6	83	3	60	1
Lossiemouth	—	0	82	c	17.0	-08	57	54	5	2	-	7	5	30	-	-	0
Wick	—	0	82	o	17.1	-10	56	54	5	7	-	8	7	35	-	-	0
Lerwick	180	01	X5	of+	16.9	-07	52	52	6	-	-	8	8	01	-	-	1
Blacksod Point	250	07	81	clpr	19.8	-04	58	55	3	3	-	7	2	84	5	17	0
Malin Head	270	02	82	o	19.1	+02	58	53	6	-	-	8	8	21	-	-	0
Aldergrove	270	07	92	c	19.3	-03	58	54	6	-	-	7	7	25	2	10	0
Castle Archdale	250 050	04	81	bc	19.5	+00	55	52	5	-	-	5	7	30	2	15	1
Birr Castle	200	05	81	c	20.8	+00	57	54	5	-	-	7	7	40	-	-	0
Collinstown	270	12	83	c	20.0	+03	58	52	1	3	-	6	5	83	1	18	0
Rineanna	260	06	82	bc	21.0	-05	57	53	2	-	2	5	1	28	-	-	0
Valentia	260	09	81	c	22.0	+01	59	53	8	-	4	7	1	23	-	-	0
Midleton	270	07	81	c	21.7	+02	54	52	-	3	1	2	1	83	-	-	0

OBSERVATIONS Sunday NIGHT

Stations	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	byzob	52	38	-
London Airport	bybbzo	49	45	-
Lympne	bby	58	54	-
Tangmere	bbmoby	48	42	-
Calshot	bybbmobzo	56	50	-
Boscombe Down	byb	51	40	-
Felixtowe	bbwbwb.	56	45	-
Gorleston	bbcbwb	56	49	-
West Raynham	bybby.	52	44	-
Mildenhall	bybby	57	40	-
Cranfield	by	52	40	-
Elmdon	bybzoy	57	44	-
Wittering	byb	51	47	-
Watnall	bybzobczoy	57	49	-
Little Rissington	bbcy	54	45	-
Ross-on-Wye	bbcb	55	•	-
Shawbury	bcbcybc.	54	47	-
Bristol	bybwby	51	42	-
Exeter	bbFgwbcb	47	37	-
Portland Bill	bbbc	57	•	*
Plymouth	bbwbcbzob	52	46	-
Chivenor	bbccbc	53	49	-
St. Eval	bc	58	48	-
Lizard	bccwzbc	58	•	-
Scilly, St. Mary's	b-cbc	59	•	-
Guernsey	b	63	53	-
Aberporth	bcc	56	46	-
Pembroke	bccirobc	59	•	TR
Holyhead (Valley)	bmoc.	58	53	-
Manchester	bc,cbc.	57	50	-
Squires Gate	bc	52	47	-
Silloth	bccroromo	59	48	1
Finningley	bczoybzobczoy.	55	48	-
Spurn Head	cbc	59		-
Leeming	bcmoc	59	54	-
Tynemouth	cmo	58	51	-
St. Abb's Head	bccmbcmo.	55	•	-
Leuchars	ccrrmoiromo.	56	52	5
Eskdalemuir	codaf.	47	41	TR
Prestwick	cciroccir	58	53	1
West Freugh	cmoiroc	55	51	03
Ronaldsway	bcofc	51	43	-
Tiree	cidoc.	54	52	TR
Benbecula	ciroproidoc	53	52	3
Stornoway	cprororo	52	51	1
Cape Wrath	oido	51	49	TR
Sule Skerry	-	54	52	-
Loch Rannoch				
Dyce	bccrrc	55	47	2
Lossiemouth	c	52	48	-
Wick	cjgfw	51	46	-
Lerwick	of	52	47	TR
Blacksod Point	c pr	56	47	TR
Malin Head	c	55	•	-
Aldergrove	cbccirocbc	55	51	TR
Castle Archdale	ccproc	56	52	0.2
Birr Castle	c, c.			-
Collinstown	c, c.	56	55	-
Rineanna	c, bc	54	47	-
Valentia	c, pr	56	51	TR
Midleton	b, bc	53	49	-

* Rainfall read at 0600.

* Information not usually received.

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Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 5th July 1949

No. 32002

OBSERVATIONS at 12h. G.M.T. 4th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	200	08	81	b	19·8	-12	75	47	-	4	-	1	1	-	-	-
	London Airport	260	10	81	b	19·3	-14	82	42	-	3	-	1	1	-	-	-
1	Lympne	150	06	81	b	20·5	-08	73	47	-	-	-	0	0	0	-	-
	Tangmere	220	09	72	b	20·2	-05	77	52	-	8	-	1	1	-	-	-
	Calshot	160	04	48	2	20·3	-09	72	61	-	-	3	1	1	-	-	-
	Boscombe Down	240	10	81	b	19·6	-11	79	48	-	4	1	2	1	-	-	-
2	Felixtowe	160	08	72	b	20·5	-09	70	60	-	-	-	0	0	0	-	-
	Gorleston	160	14	48	b	21·0	-09	64	59	1	-	-	1	1	30	-	-
	West Raynham	220	15	81	b	19·2	-18	79	45	1	6	-	2	1	40	-	-
	Mildenhall	240	05	64	b	18·9	-17	83	46	-	8	-	1	-	-	-	-
3	Cranfield	230	10	81	b	18·7	-12	78	49	-	8	-	1	1	83	-	-
	Elmdon	220	14	64	b	18·5	-17	76	53	1	-	-	2	2	35	-	-
	Wittering	230	13	81	b	18·4	-15	79	43	-	8	-	1	-	-	-	-
	Watnall	210	13	56	bc	18·1	-15	77	54	1	3	1	4	3	35	-	-
4	Little Rissington	200	09	82	c	18·8	-18	75	50	5	-	6	6	1	50	-	-
	Ross-on-Wye	200	13	64	b	19·4	-12	76	56	1	4	-	1	1	30	-	-
	Shawbury	260	15	81	bc	18·8	-10	73	50	1	-	9	5	4	30	-	-
5	Bristol	290	12	81	bc	20·0	-07	74	58	1	8	-	3	2	28	x-	20-
	Exeter	290	12	81	bc	20·4	-10	76	58	1	8	1	4	3	35	-	-
	Portland Bill																
	Plymouth	310	12	81	bc	21·3	-01	73	56	8	7	-	3	1	40	-	-
	Chivenor	290	18	82	c	21·4	+02	68	57	8	7	-	6	4	50	2	25
	St. Eval	300	10	81	c	22·6	+02	67	57	8	7	-	7	3	30	4	20
	Lizard	340	15	81	c	22·5	+04	66	57	8	3	-	6	6	29	-	-
	Scilly, St. Mary's	030	14	83	bc	23·2	+07	71	53	5	-	-	4	4	35	-	-
·	Guernsey	310	07	80	b	21·6	+02	65	55	-	8	5	2	1	-	-	-
	Aberporth	310	06	81	c	20·3	+02	63	56	8	7	1	7	7	32	-	-
6	Pembroke	290	04	81	c	21·3	+03	64	57	2	7	8	6	4	83	1	28
7	Holyhead (Valley)	290	13	82	c	19·3	-02	65	50	5	3	2	2	4	-	2	30
8	Manchester	300	09	32	c	18·7	-08	69	57	8	-	-	7	7	35	3	25
	Squires Gate	260	12	80	c	19·6	00	65	57	8	-	-	7	7	30	1	18
	Silloth	210	18	80	c	17·4	-03	69	57	2	-	5	7	2	30	-	-
9	Finningley	200	11	48	c	17·4	-15	80	58	2	3	-	6	4	-	3	35
10	Spurn Head	180	06	48	2	18·0	-15	78	58	5	-	-	3	3	35	-	-
	Leeming	200	10	56	bc	17·0	-12	73	54	1	4	-	4	2	40	-	-
	Tynemouth	130	18	32	c	16·1	-19	76	56	2	-	-	6	6	30	-	-
11	St. Abb's Head	360	05	40	t	16·4	-04	59	56	5	-	-	5	7	30	-	-
	Leuchars	230	03	32	c	16·0	-10	65	59	5	7	-	7	6	40	2	20
12	Eskdalemuir	200	05	48	o	16·3	-07	63	52	5	-	-	8	8	09	-	-
	Prestwick	290	11	82	c	17·9	-04	64	53	8	3	2	7	2	45	3	25
	West Freugh	310	13	81	c	18·4	-01	64	51	1	4	7	2	2	83	2	20
	Ronaldsway	260	14	82	c	18·9	+03	65	52	8	3	6	6	1	50	4	25
13A	Tiree	310	14	81	c	18·7	+02	60	46	8	-	7	7	1	40	1	20
13B	Benbecula	290	09	64	bc	17·9	+02	61	47	2	-	5	4	2	25	-	-
	Stornoway	280	07	83	c	17·3	-02	61	47	8	-	4	6	4	35	2	20
	Cape Wrath	270	05	82	bc	17·4	+02	56	50	5	-	-	5	5	25	-	-
	Sule Skerry	270	05	82	c	17·1	+04	55	49	5	-	-	7	7	20	-	-
14	Loch Rannoch																
15	Dyce	010	09	82	roro	16·2	-03	60	57	5	-	-	8	8	40	3	10
	Lossiemouth	010	08	82	c	16·1	-05	62	54	8	7	-	7	6	60	4	30
	Wick	020	06	83	c	16·9	00	57	53	2	3	-	7	7	25	-	-
16	Lerwick	250	06	48	jf	16·1	-02	56	55	6	-	-	8	8	38	2	07
17	Blacksod Point	260	02	80	iro	19·5	-04	58	54	7	-	-	8	7	19	-	-
18	Malin Head	340	05	82	c	18·8	-01	59	52	8	7	-	6	4	83	2	31
	Aldergrove	230	01	81	pro	19·0	-04	60	54	8	-	-	8	4	30	4	16
	Castle Archdale	290	09	82	pro	18·8	-07	60	54	9	6	-	7	7	80	5	15
19	Birr Castle	200	05	50	c	20·1	-09	64	56	3	2	-	8	5	25	-	-
	Collinstown*	300	10	83	o	19·3	-07	65	50	2	-	7	8	5	30	-	-
	Rineanna*	250	12	80	roro	20·8	-04	59	55	6	2	-	8	5	20	-	-
20	Valentia*	250	14	80	clr	22·2	+01	58	54	8	-	1	7	7	17	-	-
	Midleton*	240	10	81	c	21·4	-07	65	53	2	7	-	7	4	28	-	-

OBSERVATIONS at 18h. G.M.T. 4th July

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21 h State of ground (33)
Kew	290	10	81	c	16·8	-05	77	55	5	8	-	6	5	-	2	45	1
London Airport	280	13	81	c	16·9	-04	78	54	2	8	9	6	3	-	3	40	1
Lympne	190	03	81	jp	17·9	-11	71	47	1	8	-	6	6	-	1	50	0
Tangmere	260	13	80	bc	17·9	-13	73	52	-	8	-	5	5	83	-	-	0
Calshot	210	04	80	c	18·2	-11	71	59	-	8	-	7	7	-	-	-	1
Boscombe Down	280	09	81	iro	18·9	+04	66	57	5	8	-	7	7	-	-	-	1
Felixtowe	160	20	72	c	16·1	-22	68	55	-	7	-	7	7	83	-	-	0
Gorleston	160	19	48	bc	16·8	-19	65	57	-	8	-	5	5	80	-	-	0
West Raynham	250	15	80	c	15·1	-20	77	50	2	8	-	7	7	-	1	60	1
Mildenhall	300	16	80	clpr	15·3	-12	79	53	-	8	2	6	5	-	-	-	1
Cranfield	250	10	64	roro	16·4	-07	72	54	-	7	-	7	7	80	-	-	2
Elmdon	270	14	64	c	16·9	-09	66	57	8	-	-	7	7	38	1	30	0
Wittering	260	07	40	pro	16·0	-06	66	60	9	9	-	7	6	20	-	-	0
Watnall	300	07	80	clpr	16·2	00	65	54	5	7	1	7	5	25	-	-	0
Little Rissington	270	15	81	clpr	17·9	-01	65	56	2	8	3	7	2	81	3	20	0
Ross-on-Wye	260	06	81	c	18·5	-06	66	57	8	-	-	7	7	30	-	-	0
Shawbury	270	16	81	bc	17·0	-14	68	47	2	6	-	5	4	28	-	-	0
Bristol	270	14	83	clr	19·2	-05	63	57	1	8	2	5	1	28	-	-	0
Exeter	310	05	81	c	20·3	-04	64	57	5	7	-	7	4	-	6	20	0
Portland Bill																	
Plymouth	290	10	81	c	21·1	+03	65	54	5	9	-	6	3	-	4	25	0
Chivenor	290	16	83	bc	20·9	-05	66	53	1	8	-	4	1	20	-	-	0
St. Eval	280	10	82	bc	22·2	-05	63	54	5	3	-	5	5	80	1	18	0
Lizard	340	08	81	bc	22·4	-01	65	56	-	3	-	5	5	50	-	-	0
Scilly, St. Mary's	300	16	83	bc	22·4	-08	66	55	8	3	-	4	1	80	3	35	0
Guernsey	290	10	81	bc	20·7	-04	66	56	-	8	-	4	-	-	-	-	0
Aberporth	260	15	81	bc	18·7	-12	63	53 (55)	2	3	-	4	1	25	-	-	0
Pembroke	270	15	81	bc	23·7	-12	63	56	2	7	-	4	3	28	-	-	0
Holyhead (Valley)	260	15	80	f	17·4	-17	61	54	2	7	-	7	7	60	1	25	1
Manchester	300	09	81	bc	17·2	-09	65	50	5	8	3	5	4	35	1	25	0
Squires Gate	280	15	83	bc	17·9	-09	62	52	8	3	-	5	1	25	-	-	0
Silloth	260	14	82	c	16·1	-07	63	54	8	7	-	7	6	25	2	20	0
Finningley	290	14	48	c	15·5	-05	67	48	8	7	-	7	5	30	3	25	0
Spurn Head	280	10	08	Hr	15·4	-02	66	63	6	-	-	8	8	05	-	-	2
Leeming	270	13	82	c	14·9	-12	66	50	1	7	-	7	7	-	1	35	0
Tynemouth	270	16	56	c	15·0	-04	68	53	8	-	-	7	7	25	-	-	0
St. Abb's Head	360	02	04	Hroh	14·9	-07	59	55	6	-	-	8	8	03	-	-	2
Leuchars	090	15	20	o	14·2	-10	59	58	6	2	-	8	7	10	-	-	1
Eskdalemuir	260	08	82	o	15·1	-02	60	50	8	1	-	8	4	22	-	-	1
Prestwick	310	18	82	olr	16·6	-05	62	45	2	7	7	8	1	25	-	-	0
West Freugh	310	10	64	iro	18·5	+04	57	53	5	7	-	8	5	26	2	15	1
Ronaldsway	330	09	40	pr	17·3	-06	60	55	9	7	-	7	6	22	3	06	0
Tiree	310	14	84	c	18·5	-02	56	48	8	7	-	7	6	42	1	27	0
Benbecula	300	14	83	c	18·3	00	58	46	2	3	2	6	3	23	-	-	0
Stornoway	290	15	83	c	17·4	+02	58	48	2	6	3	6	5	87	3	25	0
Cape Wrath	270	09	83	bc	17·0	-03	55	49	8	-	-	5	5	25	-	-	0
Sule Skerry	270	09	82	c	17·0	-01	57	51	5	-	-	7	7	40	-	-	0
Loch Rannoch																	
Dyce	010	08	48	ido	15·2	-05	57	55	7	7	-	8	7	05	-	-	1
Lossiemouth	010	06	25	ir	16·6	+03	55	53	7	-	-	8	8	25	5	6	2
Wick	330	03	84	c	16·8	-01	56	48	6	7	-	7	4	50	2	25	0
Lerwick	310	13	80	iro	15·0	-04	54	50	5	-	-	8	8	15	-	-	1
Blacksod Point	340	27	78	k2	20·7	+12	57	52	3	1	-	7	2	83	5	19	1
Malin Head	360	09	83	c	19·0	+02	57	46	1	7	-	7	5	83	2	31	0
Aldergrove	360	07	80	iro	18·4	-03	57	55	7	-	-	8	8	35	3	12	1
Castle Archdale	360	05	81	roro	18·2	-01	55	54	3	2	-	8	8	50	-	-	1
Birr Castle	270	09	50	c	18·2	-10	64	53	4	-	-	6	6	25	-	-	0
Collinstown	270	13	82	pro	17·6	-08	61	50	8	-	-	7	2	15	-	-	0
Rineanna	310	25	82	clpr	20·3	+07	60	51	9	-	3	7	5	20	-	-	0
Valentia	310	12	82	c	23·2	+05	58	48	8	-	3	7	4	18	-	-	0
Midleton	310	18	81	c	20·5	00	62	48	1	-	-	2	2	26	-	-	0

OBSERVATIONS during DAY (4th)

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.–21h. °F (35)	Sunshine (36)	Rain 09h.–21h. mm. (37)
Kew	by cy cq pro c	83	12·9	0·3
London Airport	bcy iro rorom o	85	*	0·5
Lympne	byeyc	76	13·5	-
Tangmere	by bcy c	79	14·2	-
Calshot	bzo bcy cy cprotolo c	79	12·8	0·1
Boscombe Down	bybcy cy iro pr	83	11·9	0·4
Felixtowe	bbcc	74	12·0	-
Gorleston	bczo czo	72	13·0	-
West Raynham	bybcproeprc	83	12·5	1·
Mildenhall	bby beproc	85	12·1	1
Cranfield	bycycrorcmo	82	11·8	1·
Elmdon	bczoybycprcb	78	*	0·5
Wittering	bcy czopro bcmo	82	10·5	0·3
Watnall	bcy cproc	79	9·3	0·4
Little Rissington	bcy cy prbc	77	11·2	1·2
Ross-on-Wye	bcby bccpcbc	76	10·3	0·3
Shawbury	bcy cycbc	76	9·0	-
Bristol	bbccy ror bcr	75	11·2	1
Exeter	bcy crbcc	78	12·0	1
Portland Bill			•	
Plymouth	bc epro c	73	10·5	TR
Chivenor	bc cir ciro cr c	71	8·8	TR
St. Eval	ciro bc cjp cprb bc b	69	7·6	0·5
Lizard	bc c cpr bc	69	9·5	TR
Scilly, St. Mary's	bcy pc bc c	72	10.8	TR
Guernsey	bbccbc	73	14·5	-
Aberporth	cbcbbccprof	66	7·2	TR
Pembroke	bc	64	11·0	-
Holyhead (Valley)	ccy ciro	67	4·7	0·1
Manchester	cc iro bcy c	72	7·1	TR
Squires Gate	bc , cpro	66	7·1	TR
Silloth	cmo ccproc	67		0·4
Finningley	bczoy cprozoy bcy	81	9·9	TR
Spurn Head	bczoczo orotl omoro	80	9·6	6·
Leeming	cbcycbc	77	6·8	-
Tynemouth	cmo prqc	77		TR
St. Abb's Head	cmotcmororoomotlroeq	65	•	13·
Leuchars	cirotl rrmo	64	0·8	33·8
Eskdalemuir	coddfproc	66	0·7	2·
Prestwick	ciro cpro iroc	67	2·0	TR
West Freugh	c croro c	66	•	10
Ronaldsway	ccrropre	66	4·9	10
Tiree	cyv	61	2·3	-
Benbecula	cbcc	62	5·7	-
Stornoway	eroroyvbc	63	3·3	TR
Cape Wrath	c	59	•	-
Sule Skerry	c	60	•	-
Loch Rannoch				
Dyce	crrmo	62	0·0	10
Lossiemouth	cirrrc	63	2·0	5·0
Wick	cproc	60	0·6	0·2
Lerwick	ofcmoc iroc	59	0·1	TR
Blacksod Point	rr	61	1·5	9
Malin Head	c	61	*	TR
Aldergrove	eprotlrcromoiro	63	1·2	5
Castle Archdale	cprocroro	63	1·6	10
Birr Castle	crpr	64	2·6	2
Collinstown	cr	66	5·8	2
Rineanna	rpr	64	7·9	3
Valentia	rc	61	5·8	2
Midleton	bcpr	70	0·1	0·6

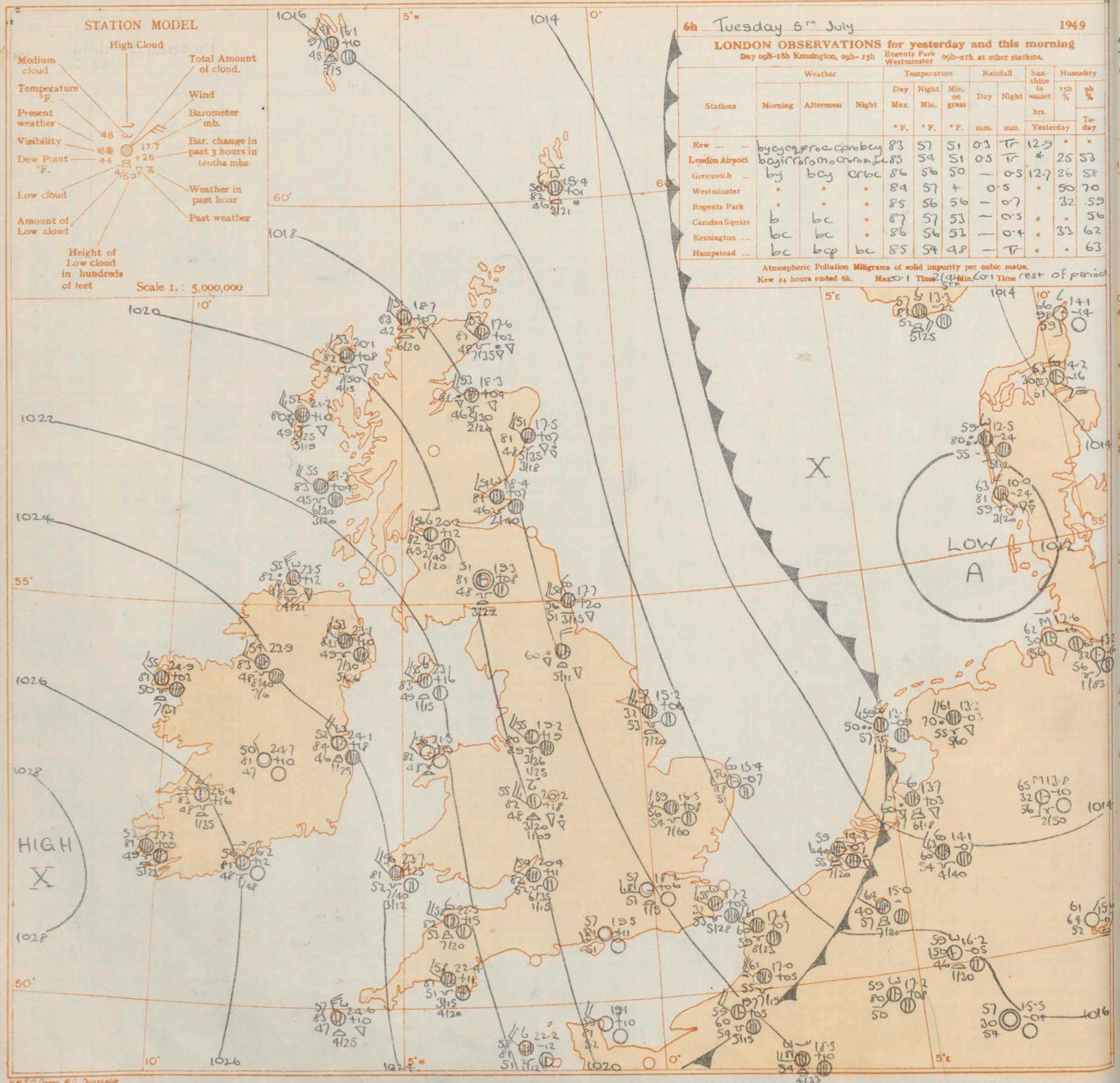
*Rainfall read at 1800.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet

* Information not usually received.

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



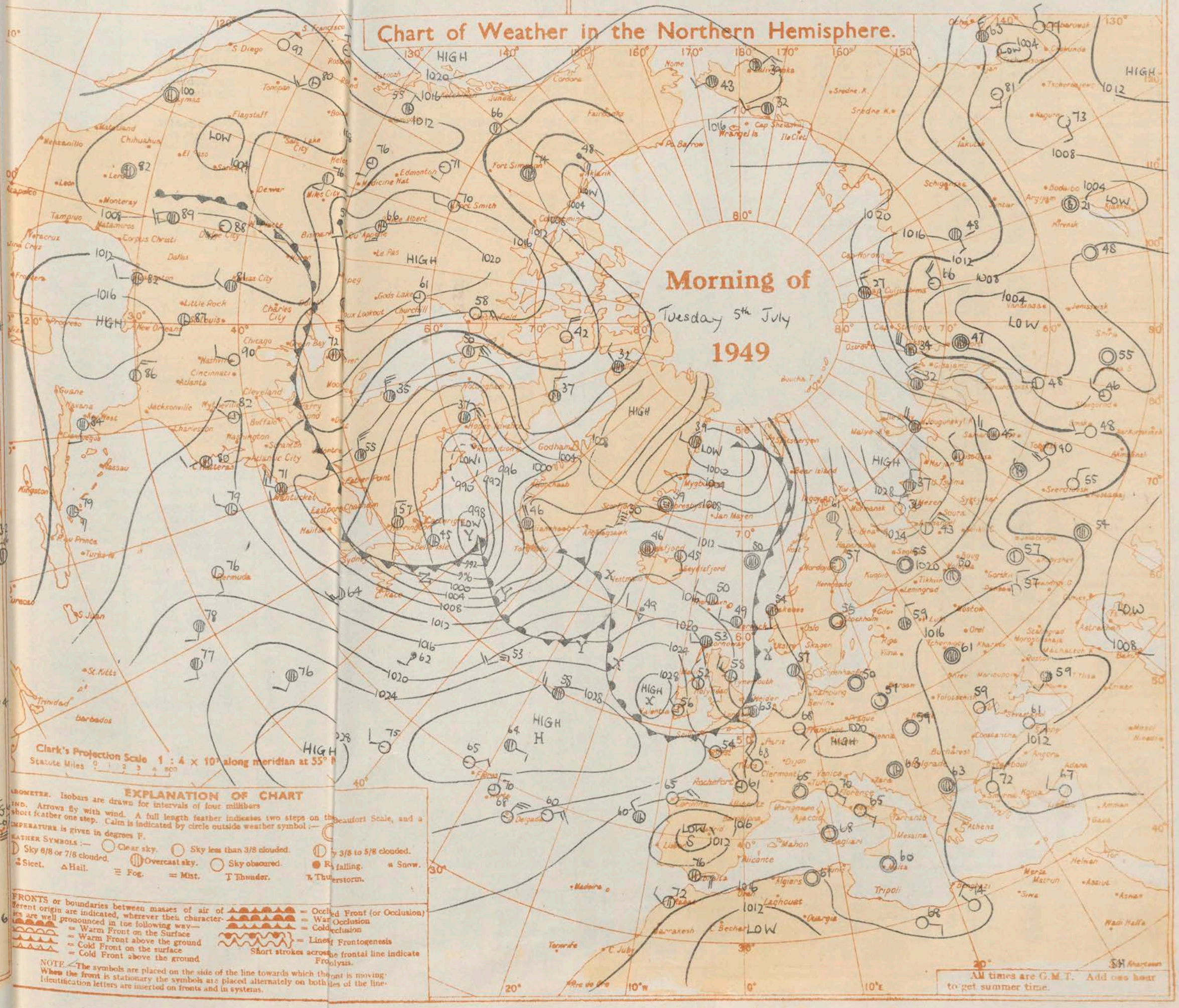
H.M.S.O. Press, N.O., Winscombe

GENERAL INFERENC

An anticyclone to the southwest of the British Isl is intensifying and moving east-northeast. All districts will have mainly fair eather with bright periods but there will be some scattered showers this afternoon and evening. Temperatures will be about or a little below normal generall.

FURTHER OUTLOOK for the next few days.

Dry and mainly fair weather continuing.



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 3/8 clouded. 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 5th July 1949

No. 32002

OBSERVATIONS at 00hr G.M.T. 5th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Dew point °F. (8)	Cloud Form Low (9)	Medium (10)	High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. ++ (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. ++ (16)
0	Kew ...	18	*	*	*	*	*	*	64	*	*	*	*	*	*	*	*	
	London Airport	82	280	10	80	c	18·1	-01	60	54	-	3	-	6	6	81	-	-
1	Lympne ...	341	310	10	48	r₀r₀	17·0	-06	62	54	6	-	-	8	8	06	-	-
	Tangmere ...	53	310	09	64	b	18·6	+04	60	53	5	7	-	5	3	40	-	-
	Calshot ...	8	280	10	81	b	19·0	+00	60	53	5	-	-	1	1	35	-	-
	Boscombe Down	414	260	06	80	b	19·6 [corrected in red]	-02	55	53	5	-	-	1	1	35	-	-
2	Felixtowe ...	10	290	22	80	o	16·2	+03	64	57	-	7	-	8	8	83	-	-
	Gorleston ...	5	270	08	64	o	16·5	+00	63	58	-	7	-	8	8	68	-	-
	West Raynham	250	290	09	48	bc	16·2	+06	58	53	5	-	-	4	4	35	-	-
	Mildenhall ...	15	270	05	64	bc	16·7	+06	61	58	5	7	-	5	4	-	2	40
3	Cranfield ...	340	270	05	64	bc	17·4	+05	55	50	-	3	-	3	3	83	-	-
	Elmdon ...	328	260	10	64	c	17·7	+02	57	51	5	-	-	7	7	40	-	-
	Wittering ...	236	280	09	40	b	16·9	+04	54	51	5	-	-	2	2	35	-	-
	Watnall ...	366	300	04	80	b	17·1	+04	58	52	-	4	-	2	2	-	-	-
4	Little Rissington	740	270	09	82	b	18·5	-01	55	50	-	3	-	1	1	83	-	-
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury ...	235	270	15	64	ic₀	17·4	-03	58	54	5	-	-	8	8	55	3	20
5	Bristol ...	209	270	12	81	b	19·5	-04	57	53	2	-	-	2	2	22	-	-
	Exeter ...	100	290	08	80	b	20·9	+00	57	53	2	-	-	2	2	15	-	-
	Portland Bill	32	290	13	81	bc	20·6	..	61	56	2	4	-	5	5	20	-	-
	Plymouth ...	90	290	10	64	b	21·9	+01	58	51	5	-	-	1	1	15	-	-
	Chivenor ...	20	290	16	81	c	20·8	+00	60	51	5	-	-	6	6	25	-	-
	St. Eval ...	336	290	16	81	b	23·0 [corrected in red]	+06 [corrected in red]	58	52	4	-	-	2	2	16	-	-
	Lizard ...	240	340	18	80	b	23·2	+07	58	48	1	-	-	1	1	25	-	-
	Scilly, St. Mary's	163	310	23	83	jp	23·6	+10	59	46	8	-	-	4	4	30	-	-
	Guernsey ...	340	310	10	81	b	22·0	+00	59	55	-	-	-	0	0	0	-	-
	Aberporth ...	375	270	09	80	bc	19·3	+03	56	54	5	7	-	5	4	47	-	-
6	Pembroke ...	142	280	15	81	b	20·3	-03	57	53	-	-	3	1	-	-	-	-
7	Holyhead (Valley)	32	330	10	40	c/r	18·4	+11	56	56	7	-	-	7	7	40	3	08
8	Manchester ...	230	250	05	56	∅ c/r	17·3	-01	57	55	6	-	-	8	8	64	4	11
	Squires Gate...	33	310	11	81	ir₀	17·2	+00	59	54	7	-	-	7	6	45	5	14
	Silloth ...	25	320	10	80	bc	17·1	+08	56	48	8	-	-	4	4	35	1	25
9	Finningley ...	52	230	01	48	bc	16·2	+01	56	50	-	7	-	4	4	81	-	-
10	Spurn Head ...	29	270	13	48	bc	14·9	-01	59	53	7	-	-	5	5	10	-	-
	Leeming ...	105	290	04	84	c	15·3	-01	58	51	7	-	-	7	7	55	-	-
	Tynemouth ...	108	310	14	56	c	14·8	+00	58	52	8	-	-	7	7	20	-	-
11	St. Abb's Head	280	360	24	80	c/q	14·8	+09	53	51	6	-	-	7	7	20	-	-
	Leuchars ...	36	360	02	24	r₀r₀	16·7	+12	52	51	5	7	-	8	8	-	4	10
12	Eskdalemuir...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick ...	30	310	18	81	c	18·3	+09	54	47	5	7	-	6	5	40	1	15
	West Freugh...	52	340	11	80	b	18·8	+02	52	48	5	-	1	2	1	40	1	15
	Ronaldsway ...	55	340	12	82	c	18·7	+11	55	50	5	-	-	7	7	67	1	14
13A	Tiree ...	29	310	10	82	c	20·3	+07	53	46	8	-	-	7	7	80	4	20
13B	Benbecula ...	16	290	16	82	o	20·0	+10	55	48	8	-	-	8	8	35	3	21
	Stornoway ...	10	280	06	81	o	19·0	+07	53	48	8	-	-	8	8	40	1	20
	Cape Wrath ...	367	270	09	83	o	18·1	+14	53	47	8	-	-	8	8	20	-	-
	Sule Skerry ...	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce ...	234	330	07	48	r₀r₀	16·7	+05	52	49	7	2	-	8	8	40	3	15
	Lossiemouth...	21	300	10	81	c	17·3	+00	55	45	8	-	-	7	7	30	4	25
	Wick ...	119	280	08	83	bc	17·1	+01	45	43	2	3	3	5	1	25	-	-
16	Lerwick ...	269	280	09	82	c	15·2	-02	49	48	-	7	2	6	5	-	-	-
17	Blacksod Point	18	340	09	81	bc	24·3	+14	54	49	8	-	-	3	3	28	-	-
18	Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove ...	220	330	08	81	bc	21·3	+17	52	49	5	-	-	4	4	25	-	-
	Castle Archdale	225	360	10	83	bc	22·2	+15	52	49	5	3	-	3	1	81	3	30
19	Birr Castle ... *	187	310	09	50	c	22·7	+22	54	51	4	-	-	6	6	25	-	-
	Collinstown ... *	226	340	11	82	c	20·8	+21	54	51	8	-	-	7	7	70	1	18
	Rineanna ... *	10	330	06	81	c	24·4	+13	52	48	5	-	-	2	2	35	-	-
20	Valentia ... *	30	320	10	81	b	26·1	+13	56	47	8	-	-	2	2	21	-	-
	Midleton ... *	30	310	13	81	b	24·1	+11	52	49	8	-	-	2	1	28	-	-

OBSERVATIONS at 06hr G.M.T. 5th July — OBSERVATIONS Monday NIGHT

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Dew point °F. (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. ++ (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. ++ (32)	9 h. State of ground (33)	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	290	10	01	c	17·2	+07	57	48	8	-	-	6	6	25	-	-	0	cpr₀ccbcbcy	57	51	TR
London Airport	280	10	81	b	18·2	+06	57	51	1	7	-	1	1	81	*1	*25	0	cr₀r₀m₀bc	54	51	TR
Lympne	290	07	32	c	17·2	+03	55	53	5	3	-	7	5	25	-	-	0	corrcl cbc	54	50	1
Tangmere	300	07	81	b	19·3	-12	57	53	1	-	-	1	1	25	-	-	0	cr₀r₀bcb.bcy.	53	50	0·3
Calshot	270	09	81	b	19·7	+11	57	51	-	-	-	0	0	0	-	-	0	cbcbbc	54	46	0·1
Boscombe Down	280	08	81	b	20·1	+08	55	51	5	-	-	1	1	40	-	-	0	cbcpr₀bwbc	49	46	TR
Felixtowe	280	11	64	c	16·6	+03 [red: 08]	58	52	5	-	-	6	6	50	-	-	1	cycr₀r₀bcm₀c	57	53	3
Gorleston	270	05	48	bc	15·4	-07	56	51	-	7	-	3	3	81	-	-	0	cirlocbcz₀cid₀	55	50	1
West Raynham	290	09	40	c	15·7	+04	57	53	-	-	4	7	7	50	2	30	1	bcm₀cpr₀	53	49	TR
Mildenhall	290	10	56	c	16·5	+08	59	54	5	-	-	7	7	60	-	-	1	cbcbm₀c	58	47	-
Cranfield	290	04	81	bc	17·4	+03	55	51	8	8	-	5	3	30	1	25	0	cm₀bcc bbc	51	47	-
Elmdon	300	15	81	b	18·8	+13	55	52	2	6	-	2	1	18	-	-	0	b- cprb, c.	54	51	2
Wittering	310	13	40	c/r	17·5	+13	56	54	5	-	-	7	7	50	-	-	0	bm₀cm₀cpr₀c	53	49	0·6
Watnall	310	12	56	bc	17·9	+13	55	47	5	-	-	5	5	70	1	25	1	bcirbc cid₀.	54	52	2
Little Rissington	290	13	82	bc	19·3	+17	53	49	5	-	-	5	5	40	3	15	0	bc	52	48	-
Ross-on-Wye	310	09	82	b	20·5	+14	57	48	8	4	1	1	1	30	-	-	0	bcbvbc	53		-
Shawbury	310	20	82	bc/pr	20·2	+18	55	48	2	4	1	4	3	20	1	09	0	crrRpr₀	53	50	4
Bristol	290	05	82	c	20·4	+11	54	52	5	-	-	6	6	35	1	15	0	bcbwb	50	41	TR
Exeter	310	08	81	b	21·8	+11	57	53	5	-	-	2	2	25	-	-	0	cbcbbcy	53	43	-
Portland Bill																				*	
Plymouth	330	05	81	c	22·4	+11	58	51	5	-	-	7	4	20	3	15	0	cbcbbc	55	51	-
Chivenor	310	12	82	c	22·5	+15	58	53	2	7	-	7	7	20	-	-	0	bcb	56	52	-
St. Eval	330	12	82	jp	23·7	+11	58	53	7	-	-	7	7	20	3	08	0	bcbbcjprcpr₀c	55	53	0·2
Lizard	360	13	80	c	23·5	+07	57	51	6	-	-	6	6	25	-	-	0	bccpr₀c	55	*	TR
Scilly, St. Mary's	350	20	83	bc	24·6	+10	57	47	2	-	-	4	4	25	-	-	0	bcp₀	57	*	TR
Guernsey	330	14	81	b	22·2	-12	58	51	5	4	-	2	1	12	-	-	0	bcbbc	56	52	-
Aberporth	330	11	82	bc	22·3	+23	56	50	1	7	1	5	4	18	1	-	0	bccbcc	54	50	TR
Pembroke	330	14	81	c	23·7	+25	56	52	8	-	-	7	7	40	3	12	0	bcc	55	*	-
Holyhead (Valley)	330	22	82	b	21·5	+15	56	48	8	-	-	1	-	-	-	-	1	crrm₀bc	53	49	6
Manchester	310	11	80	bc	19·2	+19	55	49	8	4	1	4	3	30	1	25	0	~~cwbco~~ cir₀bco	53	51	TR
Squires Gate	340	17	82	c	19·2	+14	58	50	8	-	-	7	5	20	-	-	0	cir₀bc cpr₀c	56	52	0·1
Silloth	350	14	80	c	19·3	+13	52	46	5	-	-	7	7	30	1	12	0	bccr₀r₀bccy	51	47	0·2
Finningley	310	18	81	c	17·7	+19	57	47	5	7	-	7	6	30	-	-	0	bcybcz₀c	56	51	-
Spurn Head	310	19	32	c	15·2	+06	57	53	8	-	-	7	7	20	-	-	1	bcm₀cm₀bq.	~~55~~ 56		0·4
Leeming	310	12	81	c	18·1	+23	55	47	5	-	-	7	7	40	-	-	0	cir₀bccy	54	53	TR
Tynemouth	310	13	56	c	17·7	+20	54	51	6	7	-	7	3	15	-	-	1	cpr₀r₀r₀m₀cir₀c	53	51	0·5
St. Abb's Head	360	24	81	c/q	17·8	+11	54	50	5	-	-	6	6	20	-	-	1	cqcqprcqc	50		2
Leuchars	330	10	81	c	18·2	+07	54	46	5	-	-	7	2	40	-	-	1	crrcbc	52	48	7
Eskdalemuir	-	0	81	bc	19·3	+08	51	48	8	-	-	3	3	22	-	-	0	cbcwbcy	48	47	-
Prestwick	310	15	82	c	20·5	+15	55	47	8	3	2	5	1	18	-	-	0	bccbcc	51	47	-
West Freugh	130	09	81	bc	20·6	+10	54	46	8	-	-	3	2	40	2	15	0	bcbc	50	46	-
Ronaldsway	280	12	83	c	23·1	+16	55	49	1	4	1	6	1	15	-	-	0	cb, bc	52	47	-
Tiree	310	16	83	o	21·3	+04	55	45	8	7	-	8	6	30	3	20	0	c	52	48	-
Benbecula	290	17	80	pr	21·2	+10	52	49	8	-	-	7	3	25	5	19	1	cprc	52	50	0·3
Stornoway	290	07	82	c	20·1	+08	53	47	8	-	-	7	7	30	4	15	0	cr₀r₀yvbccpr₀bc	50	46	TR
Cape Wrath	310	13	83	c	18·7	+07	51	42	8	-	-	7	7	20	-	-	0	opr	49	48	0·1
Sule Skerry	310	13	82	c	17·9	+01	53	47	5	-	-	7	7	20	-	-					
Loch Rannoch																					
Dyce	310	12	81	c/pr	17·5	+07	51	48	8	4	-	6	5	35	3	18	1	rrm₀cpr₀	49	47	3
Lossiemouth	310	19	81	pr₀	18·3	+04	53	46	8	1	-	7	5	30	2	20	0	cpr₀	52	49	-
Wick	310	15	81	c/pr	17·6	+02	53	48	8	-	-	7	7	35	1	20	1	bcwcpr₀	43	40	0·2
Lerwick	310	07	82	c	15·4	+01	50	46	1	3	8	6	4	-	3	21	0	cbc	48	39	-
Blacksod Point	320	02	81	c	24·9	+03	55	50	8	-	-	7	7	31	-	-	0	b [illegible]	51	34	TR
Malin Head	350	15	82	pr₀	23·5	+12	55	48	8	3	-	7	3	83	4	21	0	pr	53	*	0·1
Aldergrove	300	07	81	c	23·1	+10	53	49	5	-	-	7	7	30	5	20	1	bcccpr₀c	50	46	TR
Castle Archdale	310	09	83	c	23·9	+00	54	48	8	-	-	7	8	40	-	-	1	cir₀bcc	51	45	TR
Birr Castle	310	05	81	b	24·7	+10	50	47	-	-	-	0	0	0	-	-	0	prb	48	42	1
Collinstown	300	12	84	bc	24·1	+18	52	46	2	3	-	3	1	25	-	-	1	prc	48	46	1
Rineanna	340	06	83	b	26·4	+16	52	48	8	-	5	2	1	35	-	-	0	b	47	38	-
Valentia	360	05	81	c	27·2	+09	53	49	8	-	-	6	5	23	-	-	0	bbc	51	44	-
Midleton	010	05	81	bc	26·2	+12	50	48	5	-	1	4	1	48	-	-	0	bb	45	35	-

* Rainfall read at 0600.

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 6th July 1949

No. 32003

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

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Form. Medium. (10)	Form. High. (11)	Total amount. 0-8 (12)	Main layer. Amt. 0-8 (13)	Main layer. Ht. (14)	Lowest layer. Amt. 0-8 (15)	Lowest layer. Ht. (16)
0	Kew	340	11	72	c	21.0	+15	61	45	2	—	—	7	7	27	—	—
	London Airport	310	12	81	c	21.3	+17 ~~+00~~	67	45	1	—	—	6	6	28	—	—
1	Lympne	330	11	81	c	19.6	+14	66	48	8	·	—	7	7	50	2	25
	Tangmere	360	12	82	bc	20.8	+11	63	48	1	—	—	4	4	30	—	—
	Calshot	300	17	82	bc	21.5	+09	68	47	1	—	—	3	3	15	—	—
	Boscombe Down	330	15	81	L	21.7	+09	68	53	4	—	—	1	1	30	—	—
2	Felixtowe	320	14	81	c/pr	19.4	+20	57	54	8	·	·	7	7	35	3	25
	Gorleston	310	19	64	c/d	18.2	+20	63	52	2	2	4	7	5	30	—	—
	West Raynham	360	18	81	c	19.5	+22	59	43	8	6	3	6	6	35	2	15
	Mildenhall	330	10	80	pro	20.4	+20	60	53	8	—	—	7	7	35	5	25
3	Cranfield	340	13	80	c	20.6	+15	63	46	2	3	—	7	3	30	—	—
	Elmdon	290	20	81	bc	21.7	+09	64	51	8	—	—	5	3	50	2	20
	Wittering	350	12	81	o	21.1	+15	62	47	2	7	—	8	8	81	6	20
	Watnall	310	08	48	ir.	21.4	+09	59	49	6	—	—	8	8	25	6	10
4	Little Rissington	~~320~~ 340	14	82	bc	21.9	+05	62	44	1	—	—	3	3	25	—	—
	Ross-on-Wye	310	15	82	bc	23.0	+08	65	43	8	—	1	3	3	35	—	—
	Shawbury	350	20	82	bc	23.1	+06	63	44	2	—	—	5	5	20	—	—
5	Bristol	330	13	82	bc	22.7	+01	67	40	4	—	—	4	4	35	—	—
	Exeter	360	20	82	c	24.2	+10	65	49	4	—	—	6	6	20	—	—
	Portland Bill																
	Plymouth	320	10	81	bc	24.6	+07	66	45	5	—	1	4	4	25	—	—
	Chivenor	310	22	83	bc	25.4	+13	65	47	2	—	1	3	3	25	—	—
	St. Eval	360	20	82	bc	26.2	+11	63	49	1	—	2	3	2	15	—	—
	Lizard	050	08	81	c	25.6	+08	63	50	8	—	—	6	6	18	—	—
	Scilly, St. Mary's	360	13	83	c	26.7	+08	64	52	8	—	—	7	7	25	—	—
	Guernsey	340	14	82	bc	24.5	+11	65	52	1	—	4	3	1	18	—	—
	Aberporth	340	10	82	bc	25.2	+08	60	50	1	3	6	4	1	20	—	—
6	Pembroke	330	08	81	bc	25.9	+07	63	50	1	—	5	3	2	25	—	—
7	Holyhead (Valley)	330	14	82	c	24.4	+11	61	47	2	3	2	7	7	20	1	30
8	Manchester	320	15	81	bc	22.0	+11	63	47	2	6	—	4	1	—	4	18
	Squires Gate	300	17	82	b	22.5	+10	63	49	8	—	—	2	1	45	1	25
	Silloth	310	11	82	c	21.6	+08	62	44	8	—	—	6	6	40	3	30
9	Finningley	280	14	48	c/pr	21.0	+13	62	46	2	3	—	7	5	25	—	—
10	Spurn Head	360	18	80	bc	19.8	+25	59	51	2	—	—	3	7	20	—	—
	Leeming	310	15	82	c	20.5	+10	61	44	1	—	—	7	7	50	1	25
	Tynemouth	360	12	56	c	20.3	+13	57	48	5	—	—	7	7	28	—	—
11	St. Abb's Head	360	13	80	c	20.0	+15	56	44	5	—	—	7	7	38	—	—
	Leuchars	360	12	82	c	20.5	+08	61	43	8	—	—	7	7	35	5	25
12	Eskdalemuir	290	05	81	c	20.9	+10	57	44	8	—	—	7	7	22	—	—
	Prestwick	290	13	83	c	22.8	+07	61	44	8	—	—	6	6	40	2	25
	West Freugh	330	16	83	c	23.2	+07	60	49	2	3	—	7	5	83	2	20
	Rosaldsway	290	15	83	jp	24.3	+13	59	48	8	—	—	7	7	50	3	25
13A	Tiree	330	11	83	c	23.9	+11	58	47	8	—	1	7	6	50	2	20
13B	Benbecula	310	12	84	jp	23.0	+09	59	47	8	—	—	6	6	45	2	24
	Stornoway	310	13	83	c	22.0	+01	57	47	2	6	—	7	4	81	4	40
	Cape Wrath	310	13	83	c	20.7	+15	53	45	8	—	—	7	7	20	—	—
	Sule Skerry																
14	Loch Rannoch																
15	Dyce	340	15	81	c	19.9	+10	58	45	8	3	—	6	5	20	—	—
	Lossiemouth	290	20	82	c	20.7	+10	59	47	8	—	—	7	7	50	4	20
	Wick	310	18	82	c	19.9	+09	59	41	8	3	—	7	5	40	3	25
16	Lerwick	340	15	82	c	16.9	+11	56	46	2	3	—	7	5	25	—	—
17	Blacksod Point	280	05	81	c	26.4	+03	61	55	1	5	—	6	2	84	4	31
18	Malin Head	340	13	82	c	25.0	+09	59	43	1	7	—	6	4	83	2	31
	Aldergrove	330	14	80	pro	25.1	+07	59	49	8	7	3	7	6	20	2	18
	Castle Archdale	310	13	84	o	25.3	+03	59	48	8	3	6	8	4	20	—	—
19	Birr Castle	340	09	81	c	25.8	+04	65	45	4	—	—	6	6	30	—	—
	Collinstown	310	16	83	c	25.1	00	63	41	8	—	—	7	5	60	2	28
	Rineanna	320	08	83	c	27.5	+03	60	49	8	3	1	7	5	33	—	—
20	Valentia	270	05	81	c	28.1	00	61	49	5	3	9	6	5	32	—	—
	Midleton	330	08	82	c	27.3	+01	64	47	8	—	—	7	3	26	—	—

* Rainfall read at 1800.

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

District	Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Form. Medium. (26)	Form. High. (27)	Total amount. 0-8 (28)	Main layer. Amt. 0-8 (29)	Main layer. Ht. (30)	Lowest layer. Amt. 0-8 (31)	Lowest layer. Ht. (32)	21h State of ground (33)
0	Kew	350	08	72	c	22.2	+10	67	46	2	—	—	7	5	38	3	28	0
	London Airport	340	14	80	c	22.2	+11	67	44	2	6	1	6	2	80	4	30	0
1	Lympne	120	05	82	c	21.9	+15	62	52	5	—	—	7	7	60	4	40	0
	Tangmere	350	10	81	c	21.9	+06	70	43	1	—	2	6	2	35	—	—	0
	Calshot	340	10	82	bc	22.4	+02	70	45	4	—	4	5	2	30	—	—	0
	Boscombe Down	310	11	81	bc	22.3	+05	68	42	4	—	4	4	2	30	—	—	0
2	Felixtowe	310	10	81	c	21.0	+01	65	50	8	—	—	7	7	45	2	25	1
	Gorleston	340	14	72	c/pr	20.7	+10	60	48	4	—	—	7	7	34	—	—	0
	West Raynham	360	10	81	c	21.3	+10	59	45	8	—	—	7	7	35	1	20	0
	Mildenhall	360	08	81	o	21.6	+08	62	51	5	—	—	8	6	28	—	—	0
3	Cranfield	270	11	80	bc	21.5	+07	66	44	2	—	—	5	5	30	—	—	0
	Elmdon	320	15	81	c	23.3	+11	61	46	8	—	—	6	3	45	4	28	0
	Wittering	350	13	56	c	21.9	+04	65	42	8	6	—	6	4	35	2	20	0
	Watnall	310	12	81	c	22.2	+12	62	47	1	6	—	7	7	81	3	30	0
4	Little Rissington	310	14	83	bc	23.4	+11	61	39	4	—	2	5	3	30	—	—	0
	Ross-on-Wye	010	09	82	c	24.0	+07	63	42	8	—	1	7	7	35	—	—	0
	Shawbury	330	18	82	bc	24.6	+08	62	41	4	6	5	5	4	28	—	—	0
5	Bristol	330	13	84	c	23.6	+08	65	44	4	8	2	6	5	32	—	—	0
	Exeter	350	17	82	bc	24.9	+06	65	43	1	8	2	4	1	30	—	—	0
	Portland Bill																	
	Plymouth	340	10	82	bc	25.6	−08	64	42	5	—	9	5	1	25	—	—	0
	Chivenor	330	20	82	b	~~26.8~~ 26.2	~~+12~~ +06	64	44	1	—	9	2	1	30	—	—	0
	St. Eval	350	13	83	b	27.0	+02	61	48	1	—	9	2	1	20	—	—	0
	Lizard	020	10	81	L	26.8	+05	64	54	1	—	—	1	1	25	—	—	0
	Scilly, St. Mary's	360	08	83	b	27.4	00	64	47	1	—	—	2	2	25	—	—	0
	Guernsey	310	11	82	b	24.7	−02	65	50	—	—	9	2	—	—	—	—	0
	Aberporth	310	08	84	bc	25.8	+04	59	48	4	4	4	4	1	—	2	50	0
6	Pembroke	270	03	82	bc	26.7	+03	62	53	1	7	5	4	1	25	—	—	0
7	Holyhead (Valley)	290	10	83	c	25.2	+04	60	49	2	5	—	7	7	—	1	40	0
8	Manchester	310	13	81	bc	23.0	+06	63	48	8	3	1	5	5	30	—	—	0
	Squires Gate	300	25	83	c	24.1	+11	62	48	8	3	5	7	6	60	2	25	0
	Silloth	310	13	82	c	22.6	+06	64	45	8	—	—	6	6	40	1	25	0
9	Finningley	360	20	81	c	21.8	+11	65	40	1	3	—	7	7	—	2	35	0
10	Spurn Head	360	18	64	c	21.4	+10	58	50	5	—	—	7	7	25	—	—	0
	Leeming	310	10	82	o	21.7	+09	62	45	5	—	—	8	8	60	3	30	1
	Tynemouth	360	09	56	c	21.8	+07	55	49	5	—	—	7	7	23	—	—	0
11	St. Abb's Head	360	02	81	c	21.5	+18	55	49	5	—	—	7	7	30	—	—	1
	Leuchars	060	01	82	c	21.9	+05	61	45	8	—	—	7	4	35	3	20	1
12	Eskdalemuir	270	10	83	c	21.8	+04	58	42	8	—	—	7	7	28	—	—	1
	Prestwick	290	19	83	bc	23.9	+05	60	48	8	—	1	5	5	45	1	27	0
	West Freugh	330	18	84	c	24.3	+08	58	49	2	3	2	6	5	83	1	18	0
	Rosaldsway	330	08	84	c	25.0	+05	57	47	8	3	8	7	6	50	2	30	0
13A	Tiree	310	14	83	c	25.0	+05	47	47	8	—	—	7	7	50	2	25	0
13B	Benbecula	310	11	83	c	24.3	+07	57	46	8	—	—	7	7	40	3	24	1
	Stornoway	310	10	83	c	23.8	+09	57	49	8	6	—	7	3	45	2	35	0
	Cape Wrath	310	09	83	c	22.9	+08	54	46	8	—	—	6	6	30	—	—	0
	Sule Skerry	310	13	82	bc	22.3	−03	57	47	8	—	—	4	4	20	—	—	0
14	Loch Rannoch																	
15	Dyce	350	16	81	bc	21.4	+09	57	45	8	3	—	3	2	35	2	20	1
	Lossiemouth	360	15	82	c	22.0	+06	57	45	8	—	—	7	6	50	2	30	0
	Wick	330	20	84	bc/pr	22.1	+11	55	44	2	6	—	4	3	25	—	—	0
16	Lerwick	340	19	82	o/r	19.2	+12	53	42	5	—	—	8	8	15	—	—	0
17	Blacksod Point	280	09	81	c	26.7	+01	59	53	1	7	—	7	5	84	2	35	0
18	Malin Head	290	05	82	c	26.2	+07	57	47	5	—	—	6	6	31	—	—	0
	Aldergrove	330	07	83	c	25.9	+04	57	48	8	—	—	7	7	45	2	22	1
	Castle Archdale	310	09	84	c	26.2	+05	58	52	8	—	—	6	6	40	3	25	1
19	Birr Castle	340	05	81	c	25.9	+03	63	47	4	—	—	7	7	30	—	—	0
	Collinstown	330	10	83	c	25.8	+02	62	46	8	—	—	7	4	60	3	30	0
	Rineanna	320	11	83	c	27.2	00	61	48	8	7	—	7	6	60	1	30	0
20	Valentia	210	06	81	ir.	27.8	−02	56	51	7	2	—	8	6	70	1	11	0
	Midleton	250	05	81	c	26.0	−07	62	51	8	—	—	6	4	36	2	26	0

OBSERVATIONS during DAY (5th)

Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
Kew	bcybcycybcy	70	12.2	-
London Airport	bcby	72	*	-
Lympne	bccybcyc	69	9.2	-
Tangmere	bcycybcyby	73	14.2	-
Calshot	bcy	72	14.1	-
Boscombe Down	bcybybcy	72	12.1	-
Felixtowe	ccprbcyc	67	~~6.8~~ 7.1	2
Gorleston	c1d0ccprc	65	5.6	Tr
West Raynham	cpr0cyc	61	2.6	0.2
Mildenhall	ccprcyc	67	2.5	Tr
Cranfield	bcbcbyb	67	11.3	-
Elmdon	cbcybcb	67	*	-
Wittering	ccyc20y	66	7.9	-
Watnall	c1d0c20baybc	68	7.9	-
Little Rissington	bccyrby	65	11.9	-
Ross-on-Wye	bcycrybc	68	11.0	-
Shawbury	bcycyb	69	11.5	-
Bristol	bbcbcyr	70	11.4	-
Exeter	bcycyb	69	14.2	-
Plymouth	bccbcyb	68	13.3	-
Chivenor	xybcrb	66	14.0	-
St. Eval	cbcbyb	69	10.8	-
Lizard	kbcybc	65	9.5	-
Scilly, St. Mary's	kybc	68	9.4	-
Guernsey	bbcbp	67	15.1	-
Aberporth	cbccbcc	62	12.7	-
Pembroke	bc	63	12.0	-
Holyhead (Valley)	ccry	63	7.5	-
Manchester	oprbcyc	67	6.3	0.2
Squires Gate	cbccy	65	10.8	-
Silloth	cybcycyc	67	-	-
Finningley	ccpr0cyc	67	3.3	Tr
Spurn Head	cbcco	62	4.8	-
Leeming	ccy	68	2.0	6
Tynemouth	ccprc	58	*	Tr
St. Abb's Head	ccrbc	59	*	Tr
Leuchars	cypr0c	65	6.6	0.2
Eskdalemuir	bcnbcycadoc	61	5.3	0.1
Prestwick	cpr0cbcybcc	64	7.4	-
West Freugh	cbcyc	64	*	-
Rosaldsway	cpr0cyc	63	6.7	-
Tiree	ccpr0c	61	2.1	Tr
Benbecula	cpr0c	62	4.2	Tr
Stornoway	cr06cyrcpr0c	63	0.8	Tr
Cape Wrath	c	56	*	-
Sule Skerry	bcc	60	*	-
Loch Rannoch				
Dyce	cbc	59	7.2	-
Lossiemouth	pr0cbc	61	6.4	Tr
Wick	cypr0bcb	60	6.9	Tr
Lerwick	cr0c	58	6.5	Tr
Blacksod Point	c	62	10.1	-
Malin Head	c	61	*	Tr
Aldergrove	ccpr0c	61	0.6	Tr
Castle Archdale	cbc	60	2.8	-
Birr Castle	trc	69	10.2	-
Collinstown	c	64	7.3	-
Rineanna	c	67	6.5	-
Valentia	bcc	64	7.8	-
Midleton	c	69	7.5	-

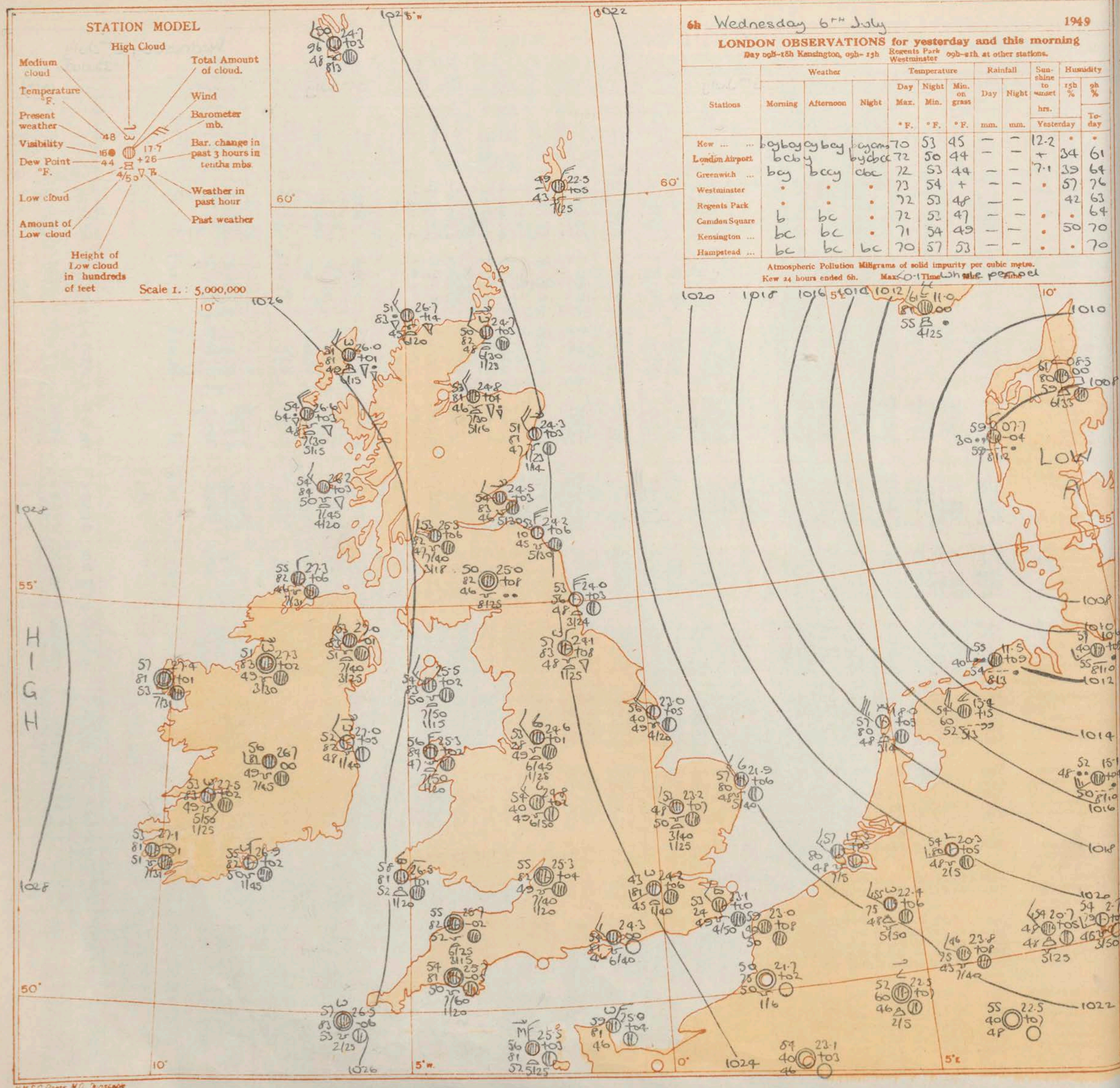
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Wednesday 6th July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–18h at other stations.

Stations	Weather: Morning	Weather: Afternoon	Weather: Night	Temperature: Day Max. °F.	Temperature: Night Min. °F.	Temperature: Min. on grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Today
Kew	boyboy	cybcy	bycyom	70	53	45	—	—	12.2	•	•
London Airport	bcby		bycbcc	72	50	44	—	—	+	34	61
Greenwich ...	bcy	bccy	cbc	72	53	44	—	—	7.1	39	64
Westminster	•	•	•	73	54	+	—	—	•	57	76
Regents Park	•	•	•	72	53	48	—	—		42	63
Camden Square	b	bc	•	72	52	47	—	—	•	•	64
Kensington ...	bc	bc	•	71	54	49	—	—	•	50	70
Hampstead ...	bc	bc	bc	70	57	53	—	—	•	•	70

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max <0·1 Time 3h sole period

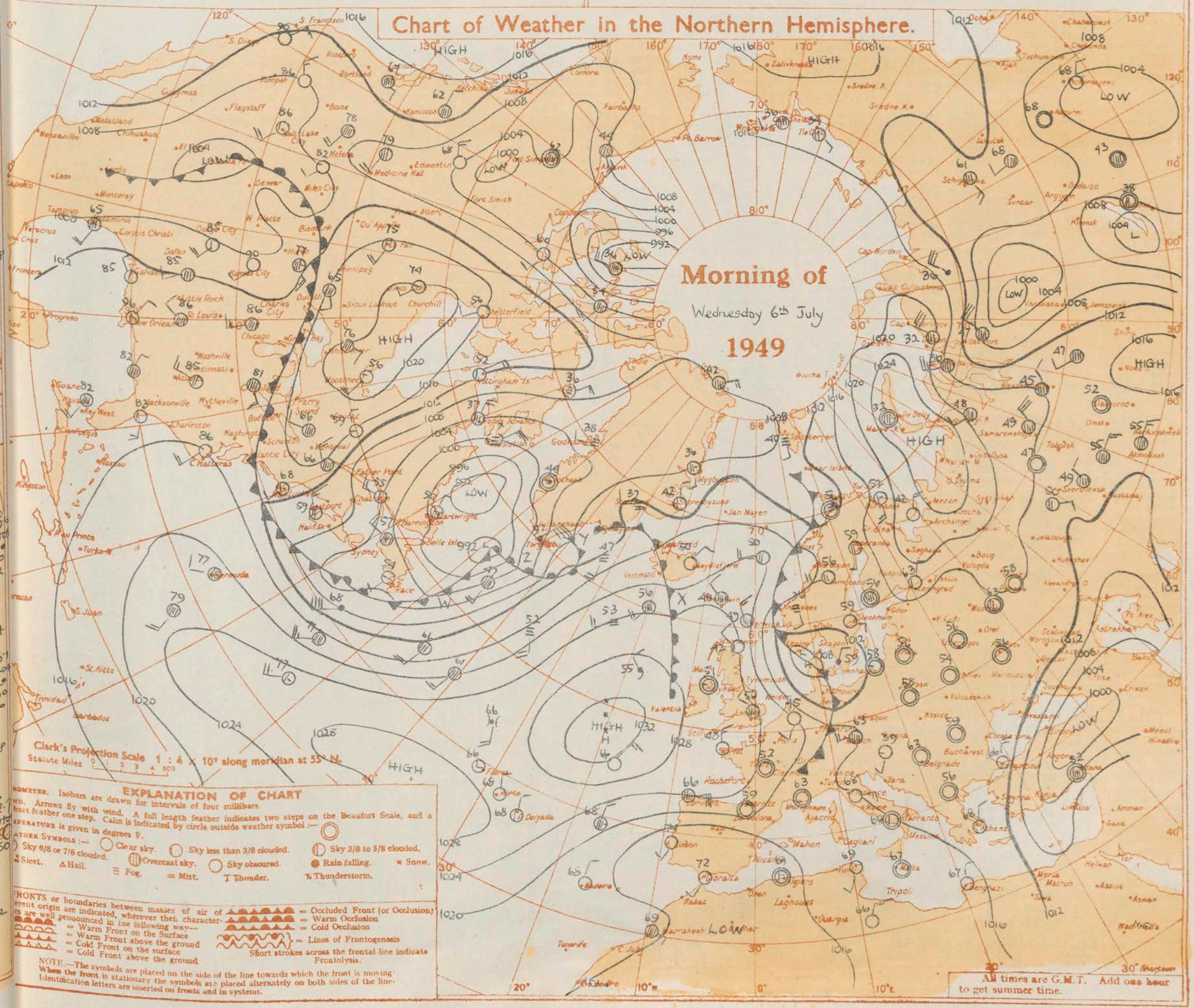
H.M.S.O. Press N.O. Dunscombe

GENERAL INFERENCE

An anticyclone to the west of Ireland is almost stationary. The weather will be mainly fair in all districts though with a good deal of cloud in many places. Temperatures will be about or a little below normal for the time of year.

FURTHER OUTLOOK

Outlook for the next few days:-
Continuing dry and mainly fair in most parts of the country



BRITISH SECTION — THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 6th July 1949 No. 32003

OBSERVATIONS at 00hr G.M.T. 6th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	58	•	•	•	•	•	•	•	•	
	London Airport	82	310	06	64	c	24·1	+05	~~58~~ 56	44	-	3	-	7	7	81	-	-
1	Lympne ...	341	300	06	80	bc	22·8	+02	55	51	5	-	-	4	4	30	-	-
	Tangmere ...	53	360	10	80	b	24·0	+10	57	42	5	-	-	1	1	60	-	-
	Calshot ...	8	340	12	81	b	24·3	+09	59	44	-	4	-	1	-	50	-	-
	Boscombe Down	414	310	03	80	b	25·1	+12	50	41	-	-	-	0	0	0	-	-
2	Felixtowe ...	10	-	0	81	0	22·9	+05	58	47	5	-	-	8	8	43	-	-
	Gorleston ...	5	310	06	72	c	21·6	+00	55	47	5	3	-	6	4	40	-	-
	West Raynham	250	-	0	80	bc	22·8	+08	52	47	5	-	-	4	4	28	-	-
	Mildenhall ...	15	-	0	80	c	23·1	+03	55	51	5	-	-	7	7	72	2	35
3	Cranfield ...	340	270	01	64	b	23·6	+09	51	46	-	3	-	2	2	82	-	-
	Elmdon ...	326	290	09	80	b	24·8	+04	52	47	4	-	-	1	1	40	-	-
	Wittering ...	236	310	05	48	c	23·3	+05	56	48	5	-	-	7	7	71	-	-
	Warnall ..	366	290	06	80	bc	23·5	+03	53	48	5	-	-	4	4	50	-	-
4	Little Rissington	740	340	07	82	b	24·9	+06	51	41	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	83	•	•
	Shawbury ...	235	270	08	81	bc	25·2	+00	50	44	-	7	1	4	4	~~83~~	-	-
5	Bristol ...	209	-	0	82	b	25·4	+06	51	44	5	-	-	2	2	35	-	-
	Exeter ...	100	-	0	82	b	26·1	+04	51	49	-	-	-	0	0	0	-	-
	Portland Bill	32																
	Plymouth ...	90	360	05	81	b	26·4	-01	55	49	-	-	-	0	0	0	-	-
	Chivenor ...	20	310	06	82	b	26·4	-02	53	50	-	-	-	0	0	0	-	-
	St. Eval ...	336	350	07	82	b	27·1	-02	55	49	-	-	-	0	0	0	-	-
	Lizard ...	240	020	07	80	b	27·2	+00	50	46	-	-	-	0	0	0	-	-
	Scilly, St. Mary's	163	340	06	83	b	27·4	-02	54	48	-	-	-	0	0	0	-	-
	Guernsey ...	340	350	09	82	b	25·6	-01	57	49	-	-	-	0	0	0	-	-
	Aberporth ...	375	220	01	82	c	26·0	-02	55	51	5	-	-	7	7	39	-	-
6	Pembroke ...	142	-	0	81	0	26·5	-06	58	54	-	7	-	8	8	81	-	-
7	Holyhead (Valley)	32	-	0	82	c	25·6	+02	55	51	5	-	-	7	7	60	-	-
8	Manchester ...	230	310	08	64	bc	24·5	+07	54	48	5	3	-	3	3	35	-	-
	Squires Gate...	33	300	17	82	bc	24·2	+00	57	49	4	-	1	3	3	35	1	20
	Siloth ...	25	340	14	81	c	23·9	+10	55	47	5	-	9	7	5	30	-	-
9	Finningley ...	52	360	06	56	c	22·9	+00	58	47	5	-	-	7	8	54	-	-
10	Spurn Head ...	29	310 ~~130~~	07	80	0	22·8	+07	56	50	8	-	-	8	8	10	-	-
	Leeming ...	105	270	02	80	0/pr	23·6	+06	53	51	8	-	-	8	8	40	6	27
	Tynemouth ...	108	360	09	56	bc	23·3	+05	54	50	5	-	-	5	5	20	-	-
11	St. Abb's Head	280	360	13	80	c	23·6	+08	55	47	5	-	-	7	7	30	-	-
	Leuchars ...	36	-	0	81	bc	24·5	+17	52	47	5	-	-	5	5	30	-	-
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	~~230~~ 320	05	81	c	25·1	+03	54	48	5	-	-	7	7	40	-	-
	West Freugh...	52	310	07	82	bc	24·9	-01	51	49	2	3	-	5	3	16	-	-
	Ronaldsway ...	55	310	05	83	c	25·6	+02	53	47	5	-	-	7	7	46	1	14
13A	Tiree ...	29	340	08	83	c	25·9	+03	55	47	8	-	-	7	7	45	1	20
13B	Benbecula ...	16	310	11	83	0	25·7	+06	55	47	8	-	-	8	8	37	4	21
	Stornoway ...	10	-	0	82	c	25·5	+07	50	48	8	-	-	7	7	44	1	30
	Cape Wrath ...	367	310	05	83	c	24·5	+08	52	46	8	-	-	7	7	25	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	310	10	81	b	23·6	+08	47	45	5	-	9	1	1	20	-	-
	Lossiemouth...	21	350	04	80	bc	24·3	+10	53	44	5	-	-	5	5	30	-	-
	Wick ...	119	320	07	82	b	24·0	+06	42	41	2	-	1	2	1	25	-	-
16	Lerwick ...	269	350	12	82	c	21·7	+07	49	45	5	-	-	7	7	20	-	-
17	Blacksod Point	18	-	0	81	0	27·2	+01	55	52	6	-	-	8	8	21	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	-	0	83	c	26·2	-03	53	50	5	-	-	7	7	35	-	-
	Castle Archdale	225	-	0	82	b	27·1	+04	50	47	5	-	-	1	1	35	-	-
19	Birr Castle ... *	187	340	05	81	c	26·7	+02	55	49	5	-	-	6	6	40	-	-
	Colbinstown ... *	226	330	08	82	b	26·7	+05	50	43	-	4	-	1	1	81	-	-
	Rineanna ... *	10	340	04	83	c	27·6	+00	57	50	5	-	-	7	7	52	-	-
20	Valentia ... *	30	-	0	81	0	27·6	-03	56	54	5	-	-	8	7	21	1	18
	Midleton ... *	30	020	03	81	c	27·0	-02	57	49	5	-	-	7	7	40	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 6th July

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt. 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Temperature 21 h.-09 h. Min. on Grass °F. (40)	Rain mm. (41)
0	Kew ...	290	02	46	c	24·1	+02	54	45	5	-	-	7	7	41	-	-	0	bcycmo	53	45	-
	London Airport	260	05	81	c	24·2	+06	~~53~~ ~~54~~ 53	~~43~~ 45	1	3	-	6	6	81	1	40	0	bybcc	50	44	-
1	Lympne ...	340	03	24	c	23·1	+10	53	49	5	7	-	7	4	-	4	50	0	cbwcbc	50	44	-
	Tangmere ...	360	17	81	b	23·8	+00	55	45	5	-	-	2	2	50	-	-	0	bybbcy.	52	51	-
	Calshot ...	310	10	81	c	24·3	+00	54	46	5	-	-	6	6	40	-	-	0	ybmybc.	52	48	-
	Boscombe Down	270	04	81	c	25·0	+00	49	44	-	3	-	7	7	-	-	-	0	bcybbcc	44	35	-
2	Felixtowe ...	290	04	80	0	22·6	+03	57	51	5	-	-	8	8	40	-	-	0	cbcc	55	48	-
	Gorleston ...	310	09	80	c	21·9	+06	57	48	5	4	-	6	5	40	-	-	0	cbccy	53	48	-
	West Raynham	300	05	81	c	22·6	+00	53	49	8	-	-	7	7	55	1	25	0	cprocbcy	51	46	1
	Mildenhall ...	290	01	48	c	23·2	+07	53	50	8	-	-	7	3	40	1	25	0	cprocmocbc	50	46	TR
3	Cranfield ...	290	01	48	0	23·6	+04	51	46	5	-	-	8	8	50	-	-	0	bbmoccmo2o.	48	43	-
	Elmdon ...	300	09	40	c	24·8	+02	54	49	5	4	-	6	6	50	-	-	0	bc	49	41	-
	Wittering ...	310	05	40	c	23·9	+11	52	47	1	3	-	7	7	80	1	25	0	czoycmobcmocy	48	44	-
	Warnall ..	300	02	24	0	24·2	+09	51	47	5	-	-	8	8	25	-	-	0	bccmoc2o	48	44	-
4	Little Rissington	340	10	82	c	~~24·9~~ 24·8	+02	51	45	-	3	-	7	7	81	-	-	0	byc	49	43	-
	Ross-on-Wye	290	03	82	0	25·4	-02	54	48	5	-	-	8	8	30	-	-	0	bccbc	51	•	-
	Shawbury ...	270	07	82	c	25·2	+04	54	46	8	-	-	7	7	35	1	20	1	bccproc	49	45	TR
5	Bristol ...	-	0	82	c	25·3	+04	55	49	5	-	-	7	7	40	1	20	0	bcbwc.	49	37	-
	Exeter ...	-	0	82	c	25·7	-02	50	49	8	-	-	7	7	40	2	20	0	bwcwbc	49	32	-
	Portland Bill																					
	Plymouth ...	-	0	81	c	25·7	-05	54	50	5	-	-	7	7	60	1	20	0	xbcwcbccjp.	51	44	-
	Chivenor ...	-	0	82	c	25·7	-02	55	52	8	-	-	7	6	35	3	15	0	bbwcwc.	51	42	-
	St. Eval ...	-	0	82	c	26·4	-05	57	53	5	7	-	7	6	40	1	25	1	ccw cciro oiro	51	39	0·2
	Lizard ...	020	05	81	c	26·1	-06	62	56	5	-	-	7	7	20	-	-	0	b. bc. c.	48	•	-
	Scilly, St. Mary's	-	0	83	c	26·5	-06	57	53	5	5	-	7	7	80	2	25	0	b bc. c proc.	54	•	TR
	Guernsey ...	360	07	81	0	25·5	+03	56	52	1	8	2	8	5	25	-	-	0	bcc	55	51	-
	Aberporth ...	010	03	84	c	25·4	-01	57	50	8	-	-	7	7	50	1	22	0	cbc	53	46	-
6	Pembroke ...	050	05	81	0	~~25·6~~ 26	+01	58	52	2	7	-	8	7	81	1	20	0	cbcc.	55	•	-
7	Holyhead (Valley)	360	08	84	c	25·3	+02	56	47	8	-	-	7	7	50	1	20	0	ccy.	53	49	-
8	Manchester ...	310	05	28	c	24·6	+01	53	49	8	7	-	7	6	45	1	25	0	cbcpro.	49	42	TR
	Squires Gate...	310	12	82	c	24·4	+03	58	49	8	-	-	7	7	45	2	25	0	cbccpro	56	51	TR
	Siloth ...	360	06	80	c	24·6	+04	54	48	5	-	-	7	7	50	3	25	0	ccpro	53	48	TR
9	Finningley ...	290	07	20	c/r	24·1	+08	52	49	5	7	-	7	6	-	5	40	0	ccrocmobcy.	53	51	TR
10	Spurn Head ...	310	12	40	bc	23·0	+05	56	49	5	-	-	4	4	20	-	-	0	ocbcmobc	55		-
	Leeming ...	360	06	83	bc	24·1	+08	57	48	8	3	1	5	4	-	1	25		ccprccbct	53	50	0·3
	Tynemouth ...	360	19	56	bc	24·0	+03	53	48	1	-	-	3	3	24	-	-	0	cbc.	51	43	-
11	St. Abb's Head	360	19	10	bc	24·2	+06	53	45	5	-	-	5	5	30	-	-	0	c	48	•	-
	Leuchars ...	290	02	83	c	24·5	+03	54	46	5	-	2	6	3	-	5	30	1	cybcc	49	44	-
12	Eskdalemuir...	-	0	82	0/d	25·0	+08	50	46	5	-	-	8	8	25	-	-	0	cirocproc	48	43	TR
	Prestwick ...	310	02	81	c	25·4	+04	54	47	5	-	-	7	7	45	1	22	0	cpro	51	49	TR
	West Freugh...	340	12	81	0	24·9	+01	55	49	4	3	-	8	5	40	2	15	0	ccproc.	49	45	TR
	Ronaldsway ...	320	10	83	c	25·5	+02	54	50	8	-	-	7	7	50	1	15	0	ccproc	52	47	TR
13A	Tiree ...	340	08	84	c	26·2	+03	54	50	8	-	-	7	7	45	4	20	0	ccproc.	51	49	0·5
13B	Benbecula ...	340	15	64	pr	26·6	+03	54	48	8	-	-	7	7	30	5	15	1	cidoproc.	50	49	0·2
	Stornoway ...	310	11	81	c/pr	26·0	+01	51	49	3	3	-	8	6	15	-	-	1	cidopr.	49	45	1
	Cape Wrath ...	310	09	83	pr	26·7	+14	51	49	8	-	-	6	6	20	-	-	1	prc.	49	48	0·1
	Sule Skerry ...	360	09	87	0	24·2	+00	53	49	7	-	-	8	8	20	-	-	0		51	48	-
14	Loch Rannoch																					
15	Dyce ...	310	12	81	bc	24·3	+03	51	47	5	-	2	4	1	23	1	14	1	bcbbc.	45	42	-
	Lossiemouth...	310	12	81	c/pr	24·8	+04	53	46	8	-	-	7	7	30	5	16	1	bcprc	52	46	TR
	Wick ...	290	05	82	c	24·7	+03	50	48	6	3	2	7	6	30	1	23	0	bwc.	40	35	-
16	Lerwick ...	360	17	82	c	22·5	+05	49	43	5	-	-	7	7	25	-	-	1	cbcc	47	41	-
17	Blacksod Point	-	0	81	c	27·4	+01	57	43	6	-	-	7	7	31	-	-	0	c	51	38	-
18	Malin Head ...	360	02	82	c	27·3	+06	55	46	5	-	-	7	7	31	-	-	0	c	54	•	-
	Aldergrove ...	310	06	83	0	27·0	-01	53	51	8	-	-	8	7	40	3	25	1	cepro.	50	48	TR
	Castle Archdale	-	0	83	c	27·3	+02	51	49	5	3	2	7	3	30	-	-	0	bcc.	49	37	-
19	Birr Castle ... *	270	05	81	c	26·7	+00	56	49	5	-	-	7	7	45	-	-	0	c. c	51	49	-
	Colbinstown ... *	320	06	82	bc	27·0	+05	52	48	5	3	2	3	1	40	-	-	0	b. bc.	48	45	-
	Rineanna ... *	130	04	83	c	27·5	+02	53	49	5	3	-	7	5	50	1	25	0	c c.	51	43	-
20	Valentia ... *	070	04	81	c	27·1	-00	53	51	5	-	-	7	7	31	-	-	0	c c.	53	51	-
	Midleton ... *	360	05	82	bc	26·9	+02	55	50	5	3	-	3	1	45	-	-	0	c c.	54	50	-

OBSERVATIONS Tuesday NIGHT

* Information not usually received.

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Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 7th July 1949

No. 32004

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

District	Station	Wind Direction (degrees) (1)	Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Bar at M.S.L. mb. (5)	Change in 3 hrs. (6)	Dry Bulb °F. (7)	Dew point °F. (8)	Cloud Form Low (9)	Medium (10)	High (11)	Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Ht. (14)	Lowest layer Amt. 0-8 (15)	Ht. (16)
0	Kew	340	08	72	c	23·1	-06	63	43	5	-	-	7	7	45	2	31
	London Airport	330	10	80	c	23·5	-08	63	45	8	-	-	7	7	65	4	30
1	Lympne	120	02	81	c	22·7	-02	60	51	8	-	-	7	5	60	4	25
	Tangmere	010	13	80	c	22·9	-07	68	41	8	-	-	7	4	25	-	-
	Calshot	330	10	82	c	24·1	-07	65	41	5	3	-	6	3	-	3	35
	Boscombe Down	300	08	81	c	23·5	-09	63	41	8	-	-	7	7	40	2	25
2	Felixtowe	290	06	81	o/pr	22·7	-05	63	47	8	-	-	8	5	25	-	-
	Gorleston	360	19	80	c	22·1	+01	61	46	2	4	-	6	5	25	-	-
	West Raynham	350	20	82	b	22·8	-01	60	41	2	6	1	2	2	30	-	-
	Mildenhall	330	05	82	c	23·0	-07	62	47	8	-	-	7	6	25	-	-
3	Cranfield	310	04	40	c	23·7	-03	59	47	8	-	-	7	7	50	1	20
	Elmdon	310	09	80	c	24·4	-02	58	50	8	-	-	7	7	50	1	20
	Wittering	330	08	81	c	23·7	-06	61	44	8	3	-	7	4	20	-	-
	Watnall	340	06	48	c	23·6	-12	61	45	8	-	-	7	7	40	4	20
4	Little Rissington	020	09	82	o	24·0	~~-04~~ -09	58	46	2	3	-	8	6	60	3	25
	Ross-on-Wye	350	06	82	o	24·7	-08	63	44	5	-	-	8	8	40	6	30
	Shawbury	310	12	82	c	25·0	-03	58	47	8	-	-	7	7	40	4	18
5	Bristol	360	13	82	c	24·5	-06	65	41	8	-	-	7	7	45	2	30
	Exeter	020	06	82	c	24·3	-08	67	46	8	-	-	7	7	35	2	20
	Portland Bill	360	05	81	c	24·9	-04	67	49	5	3	-	6	4	80	2	20
	Plymouth	-	0	82	pr	25·2	-03	61	55	8	-	-	7	7	35	5	20
	Chivenor	350	10	81	bc	25·0	-02	67	42	2	3	-	5	5	81	1	30
	St. Eval	300	09	82	ir0	25·3	-11	63	54	8	-	-	7	7	30	3	15
	Lizard	340	02	81	c	25·5	-01	63	53	5	-	-	7	7	20	-	-
	Scilly, St. Mary's	300	08	83	c	25·9	-05	66	55	8	7	-	7	7	60	2	26
	Guernsey	010	03	82	b	25·0	-05	64	48	1	7	1	2	2	49	1	20
	Aberporth	350	11	84	bc	~~25·5~~ 25·5	-02	61	52	2	7	1	4	2	80	2	25
6	Pembroke	350	12	81	bc	25·7	-06	64	50	2	7	5	4	3	25	-	-
7	Holyhead (Valley)	330	16	82	c	25·7	-02	60	49	2	5	-	7	7	-	1	20
8	Manchester	330	04	36	o	24·4	-04	60	46	8	-	-	8	8	50	4	20
	Squires Gate	300	12	81	c	25·3	00	61	49	8	-	-	7	7	55	2	25
	Silloth	340	08	82	o	25·3	-03	60	48	8	-	-	8	8	45	4	25
9	Finningley	010	18	72	c	23·9	-04	65	42	2	6	-	6	4	30	-	-
10	Spurn Head	360	18	80	bc	23·2	-02	62	46	2	-	-	3	3	25	-	-
	Leeming	350	15	83	c	23·9	-07	62	43	8	-	-	7	7	80	2	30
	Tynemouth	360	16	81	c	24·8	-01	56	48	8	-	-	6	6	30	-	-
11	St. Abb's Head	360	13	80	c	24·7	-03	56	46	5	-	-	7	7	38	-	-
	Leuchars	020	08	82	pr0	25·0	-03	59	46	8	-	-	7	6	35	3	20
12	Eskdalemuir	340	04	82	o	25·2	+02	~~61~~ 56	44	8	-	-	8	8	22	-	-
	Prestwick	300	12	82	c	26·1	-01	59	47	8	-	2	7	7	50	3	26
	West Freugh	330	16	83	c	25·8	+01	62	50	8	7	-	7	5	35	2	18
	Ronaldsway	350	10	83	c	26·0	+01	60	48	8	-	-	7	7	65	3	20
13A	Tiree	350	12	84	c	27·8	+05	59	47	8	-	-	7	7	55	1	25
13B	Benbecula	330	15	84	c	28·1	+04	60	46	8	-	-	7	7	28	2	22
	Stornoway	330	13	82	c	27·4	+03	60	50	8	-	-	7	6	35	4	20
	Cape Wrath	310	02	84	c	27·0	+03	55	47	8	-	-	6	6	20	-	-
	Sule Skerry	360	09	82	o	26·8	+06	56	48	8	-	-	8	8	20	-	-
14	Loch Rannoch																
15	Dyce	360	15	81	bc	24·6	00	59	43	8	-	-	5	1	40	5	22
	Lossiemouth	300	12	82	c	25·7	+03	60	47	8	-	-	7	7	60	1	25
	Wick	010	11	84	c	25·4	+03	60	45	8	3	-	7	6	50	2	25
16	Lerwick	360	18	82	c	23·7	+01	55	42	5	-	1	7	7	35	-	-
17	Blacksod Point	360	02	81	c	28·7	+03	60	56	1	-	-	6	6	35	-	-
18	Malin Head	360	05	83	c	28·2	+05	58	50	2	3	-	6	2	83	4	31
	Aldergrove	330	10	83	jp	27·2	-03	60	47	8	-	-	7	6	35	4	25
	Castle Archdale	050	04	84	c	27·8	00	61	51	8	-	-	7	7	35	4	20
19	Birr Castle *	340	09	81	c	26·8	-05	66	48	4	-	-	6	6	35	-	-
	Collinstown *	020	08	83	o	27·1	-03	59	46	8	-	-	8	4	37	4	30
	Rineanna *	020	06	83	c	27·9	-05	63	49	8	3	-	6	5	34	-	-
20	Valentia *	320	06	81	jp	27·6	+01	62	57	8	-	-	7	6	18	-	-
	Midleton *	020	09	92	sc	26·7	-09	66	44	1	3	2	3	2	26	-	-

OBSERVATIONS at 18h. G.M.T. 6th July — OBSERVATIONS during DAY (6th)

Station	Wind Direction (degrees) (17)	Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Ht. (30)	Lowest layer Amt. 0-8 (31)	Ht. (32)	21 h State of ground (33)	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	020	02	46	c	23·3	+01	62	42	6	-	-	7	7	41	4	31	0	cmocycmo	64	1·1	Tr
London Airport	010	07	64	o	23·3	-03	63	45	8	-	-	8	8	65	1	35	0	cyc20yc1620c20	65	*	Tr
Lympne	210	03	81	c	22·7	-01	59	51	1	3	-	6	6	-	2	30	0	bccyc	65	2·8	-
Tangmere	010	09	80	o	22·8	+03	64	42	5	7	-	8	7	-	2	40	0	bcycyc	71	8·1	-
Calshot	360	10	64	c	23·2	+00	63	45	8	-	-	7	7	60	1	25	0	ccy	68	2·9	-
Boscombe Down	350	05	80	c	23·4	-01	62	46	5	-	-	7	7	50	-	-	0	bcycyc	67	2·1	-
Felixtowe	330	13	81	c	22·4	+01	63	44	8	3	-	6	5	50	1	35	0	ccpr0cy	66	4·6	Tr
Gorleston	340	20	80	bc	21·8	+03	60	47	2	-	-	3	3	35	-	-	0	ccycybc	63	11·7	-
West Raynham	360	18	82	b	22·4	-03	58	43	8	-	2	1	1	45	1	30	0	cbybc	62	12·8	-
Mildenhall	030	11	83	b	23·2	+05	61	44	1	3	-	2	1	30	-	-	0	bccybybc	67	7·0	-
Cranfield	-	0	40	c/pr	23·1	-02	60	47	5	7	-	7	5	30	2	20	0	c20 cypr0 bc20	63	0·2	Tr
Elmdon	310	09	32	o	24·0	-01	59	48	5	-	-	8	8	60	5	35	0	cc220	61	*	-
Wittering	220	04	82	c	23·3	+03	60	47	8	-	-	7	6	50	4	25	0	cyc	64	1·3	-
Watnall	010	05	40	c	23·7	+01	61	46	8	-	-	7	7	50	3	30	0	c20cybc	63	0·1	-
Little Rissington	020	02	40	z	24·1	~~+03~~ +02	58	46	6	-	-	7	7	60	-	-	0	cycmo	60	~~8·0~~ 0·5	-
Ross-on-Wye	360	08	81	c	24·1	-04	62	44	5	3	-	7	2	30	-	-	0	bcycvyc	65	2·7	-
Shawbury	340	15	82	c	24·7	-01	60	46	8	-	-	7	7	60	2	25	0	ccyc	~~60~~ 62	0·0	-
Bristol	050	10	82	c	23·6	-01	63	45	5	-	-	7	7	65	3	30	0	cy	68	4·0	-
Exeter	230	02	82	c	23·5	-04	63	52	8	-	-	7	7	40	2	30	0	bccycbc	68	3·6	-
Portland Bill	280	09	81	o	23·9	-03	61	54	5	-	-	8	8	20	-	-	0	ceoc	68	•	*
Plymouth	230	01	81	c	24·0	-02	60	56	8	-	-	7	7	30	5	20	0	bcpr0cbc	63	4·0	0·6
Chivenor	340	16	83	b	24·1	-06	65	47	2	3	4	2	1	30	-	-	0	bybcybyb	69	10·4	-
St. Eval	010	10	83	b	24·9	+00	62	49	1	7	4	2	1	-	1	20	0	~~prcbb~~ ait0bcb	68	8·2	Tr
Lizard	040	08	81	bc	24·2	-02	65	47	2	-	-	3	3	25	-	-	0	bcbcybc	68	7·4	-
Scilly, St. Mary's	050	13	83	bc	25·3	-03	64	53	8	-	-	5	5	25	-	-	0	bbc	69	7·6	-
Guernsey	330	05	82	b	24·0	-09	63	45	-	7	-	2	2	-	-	-	0	bccb	65	10·5	-
Aberporth	350	10	84	b	25·1	-03	58	50	1	3	1	2	1	20	-	-	0	bccbcbc	64	11·6	-
Pembroke	360	15	82	bc	25·9	+01	61	50	1	7	9	4	1	30	-	-	0	bc	65	10·6	-
Holyhead (Valley)	340	12	83	c	25·4	-00	60	51	5	6	8	7	4	80	2	30	1	cv	63	5·2	-
Manchester	350	09	38	c	24·4	+02	61	46	8	-	-	7	7	40	3	25	0	cpr0yoc	66	0·8	Tr
Squires Gate	310	12	81	c	25·0	-01	61	48	8	-	-	7	7	45	1	20	0	ccbcycbc	67	3·4	-
Silloth	350	12	82	c	25·0	+00	62	45	8	3	-	7	5	40	1	25	0	cpr0cyc	64		Tr
Finningley	020	12	82	c	22·7	+00	63	41	2	6	-	7	5	35	3	30	0	cybcybc	67	*	-
Spurn Head	350	20	81	b	22·9	-03	59	48	1	-	-	2	2	25	-	-	0	bcqcq	62	14·2	-
Leeming	360	09	81	c	24·4	+04	59	44	8	-	-	7	6	60	1	28	0	bcycyc	63	2·5	-
Tynemouth	360	21	81	bc	25·2	+03	57	50	1	7	1	5	2	30	-	-	0	bccbcc	59		-
St. Abb's Head	360	09	81	bc	25·3	+04	54	48	5	-	-	4	4	35	-	-	0	cbc	58	•	-
Leuchars	100	05	82	bc	25·5	+06	58	50	8	7	2	5	3	45	3	28	1	cpr0cybc	63	5·9	0·4
Eskdalemuir	360	02	83	c	24·9	+01	58	45	8	-	-	7	7	25	-	-	0	cpr0ccyc	61	0·7	-
Prestwick	300	14	82	pr0	25·9	-02	59	49	8	-	-	7	6	40	2	28	0	cpr0cycpr0c	63	2·2	Tr
West Freugh	340	16	84	c	25·8	+01	61	46	2	3	8	6	1	25	-	-	0	ccycbc	65		-
Ronaldsway	340	10	84	c	25·8	+02	60	53	8	7	8	7	5	50	1	25	0	cbc	63	1·8	-
Tiree	350	12	84	bc	28·1	+02	58	47	8	-	2	3	1	20	-	-	0	cybc	61	5·8	-
Benbecula	330	14	84	bc	28·5	+02	59	47	8	3	-	4	2	24	-	-	1	cybcc	63	8·0	-
Stornoway	340	15	83	bc	28·5	+06	59	46	1	-	-	4	4	30	-	-	1	cbcvc	61	3·5	-
Cape Wrath	310	05	84	c	28·0	+05	54	46	8	-	-	6	6	25	-	-	0	cbc	55	•	-
Sule Skerry	360	09	82	c	27·5	+02	56	46	5	-	-	7	6	20	-	-	0		~~61~~ 56	*	-
Loch Rannoch																					
Dyce	360	15	82	bc	25·9	+12	56	46	4	-	1	4	3	25	-	-	1	bbcybc	59	14·8	-
Lossiemouth	020	13	82	c	26·7	+05	57	43	8	-	-	7	7	50	1	25	0	cprc	60	4·0	-
Wick	350	10	84	c	26·9	+06	57	42	8	3	5	6	4	50	1	30	0	cybc	60	10·3	-
Lerwick	350	18	82	bc	24·9	+06	53	42	5	-	4	5	3	31	-	-	1	bccbc	57	12·7	-
Blacksod Point	360	16	81	c	29·1	+04	60	56	1	3	-	6	1	84	5	31	0	c	63	10·0	-
Malin Head	360	05	83	bc	28·5	+01	58	48	1	3	-	5	2	83	3	31	0	c	59	*	0·5
Aldergrove	350	12	82	c	27·4	+05	59	45	8	7	-	6	4	45	3	25	0	cpr0ccbc	63	4·0	0·3
Castle Archdale	050	11	84	c	28·1	+07	59	46	8	-	-	6	6	40	3	20	0	cbcc	63	5·0	-
Birr Castle *	340	09	81	c	26·4	+00	65	48	4	-	-	7	7	35	-	-	0	c	68	5·2	-
Collinstown *	360	06	83	c	26·8	+01	60	46	8	-	-	7	5	65	2	32	0	cpr	63	4·3	Tr
Rineanna *	360	14	84	bc	27·1	-01	67	46	8	-	2	4	3	25	-	-	0	rc	68	6·5	Tr
Valentia *	010	16	82	bc	27·6	+03	62	51	8	-	1	4	4	38	1	27	0	cbc	67	6·8	-
Midleton *	010	09	82	c	26·5	+00	63	49	8	-	-	7	5	42	2	25	0	bcc	68	5·0	-

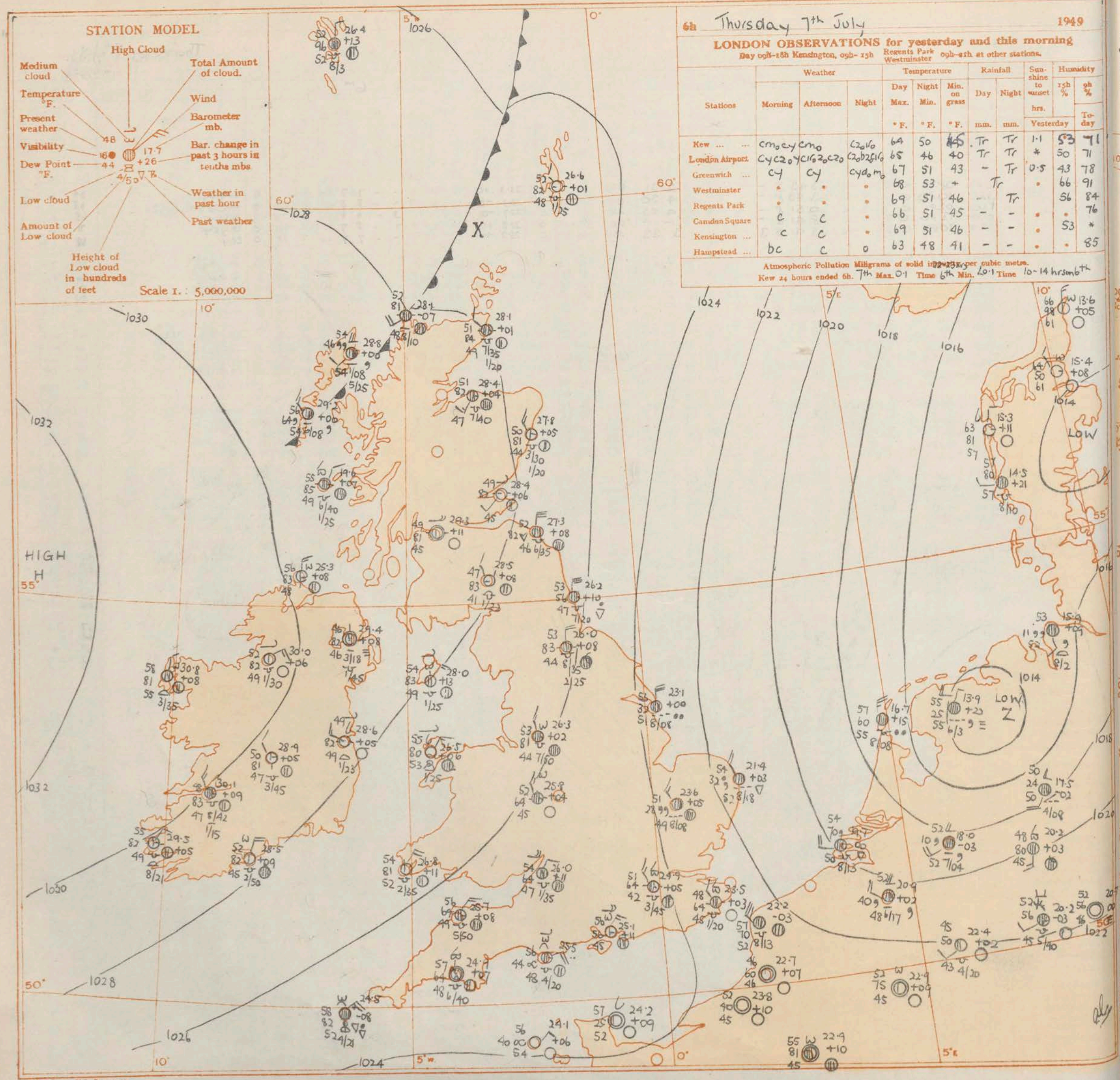
*Rainfall read at 1800.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Thursday 7th July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–21h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Today
Kew	cm0cy	cm0	C2o1/0	64	50	45	Tr	Tr	1·1	53	71
London Airport	Cy C2 0 y	C1/0 2 0 C2 0	C2 0 b2 f1/0	65	46	40	Tr	Tr	*	50	71
Greenwich ...	cy	cy	cy d0 m0	67	51	43	–	Tr	0·5	43	78
Westminster	•	•	•	68	53	+	Tr		•	66	91
Regents Park	•	•	•	69	51	46	–	Tr		56	84
Camden Square	c	c	•	66	51	45	–	–	•	•	76
Kensington ...	c	c	•	69	51	46	–	–	•	53	*
Hampstead ...	bc	c	0	63	48	41	–	–	•	•	85

Atmospheric Pollution Milligrams of solid in 22–23 hrs per cubic metre.
Kew 24 hours ended 6h. 7th Max. 0·1 Time 6th Min. 0·1 Time 10–14 hrs on 6th

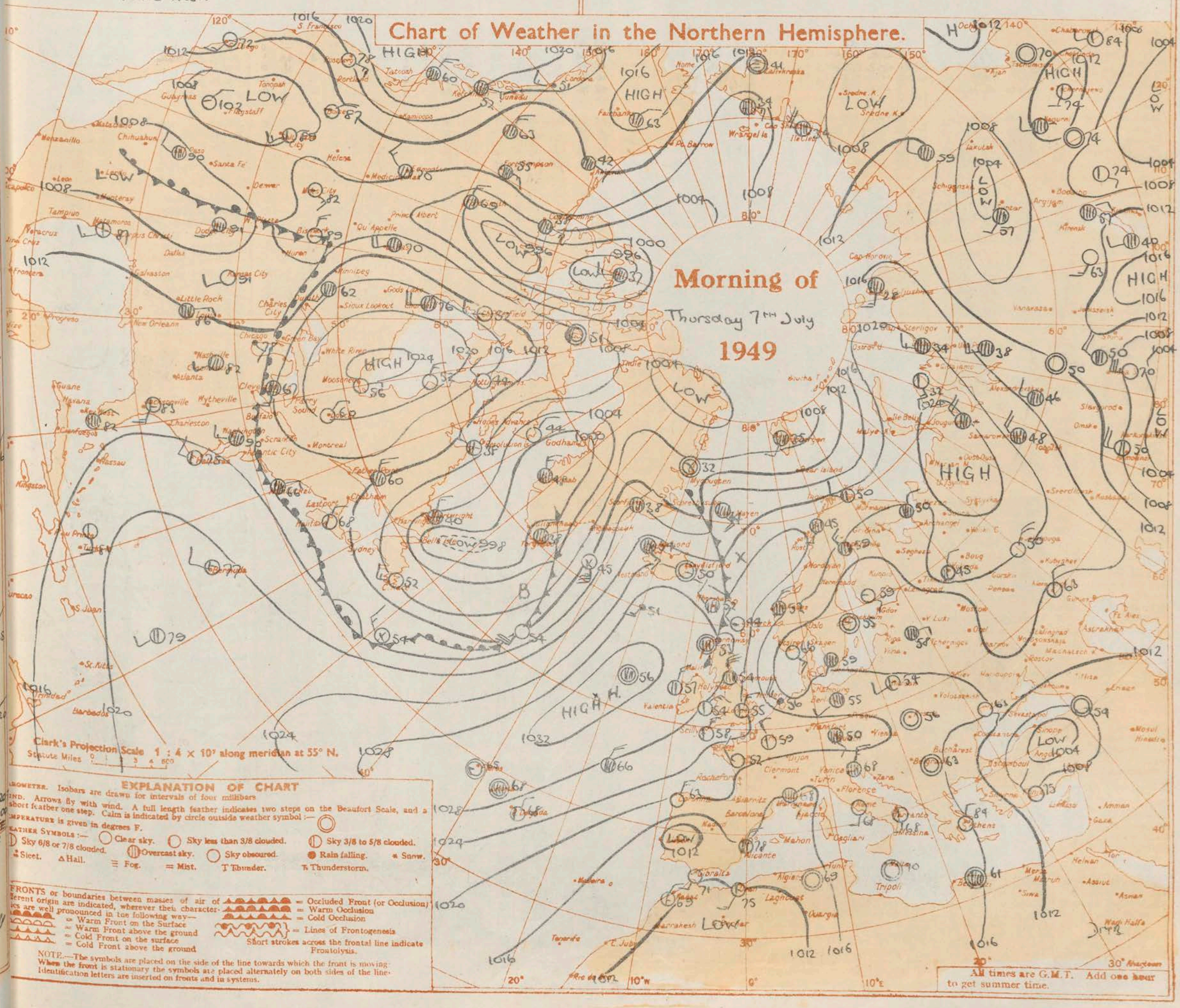
H.M.S.O. Press M.O. Dunscombe

GENERAL INFERENCE

An anticyclone to the West of the British Isles is extending slowly Northeast. In the Midlands and Eastern part of England it will be cloudy or dull and there will be a little light rain at times in some places. Most other districts will have fair and bright weather but cloudy conditions with some local drizzle are extending to the North of Scotland and may affect parts of Southeast Scotland and North Ireland later. It will be cool in the East but temperatures will be about normal in the West.

FURTHER OUTLOOK

Mainly dry weather continuing for a few days.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 7th July 1949

No. 32004

OBSERVATIONS at 00hr G.M.T. 7th July

District.	Stations.	Height above M.S.L.	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Cloud. Form. Medium. (10)	Cloud. Form. High. (11)	Cloud. Total amount. 0-8 (12)	Cloud. Main layer. Amt. 0-8 (13)	Cloud. Main layer. Ht. ↑↑ (14)	Cloud. Lowest layer. Amt. 0-8 (15)	Cloud. Lowest layer. Ht. ↑↑ (16)
0	Kew ...	18	•	•	•	•	•	•	56	•	•	•	•	•	•	•	•	•
	London Airport	82	050	07	32	bc	24·3	+05	55	43	5	3	–	3	3	–	1	45
1	Lympne ...	341	350	05	56	b	23·6	+03	52	49	–	3	–	1	–	06	–	–
	Tangmere ...	53	020	09	56	c	23·8	+04	57	48	5	–	–	7	7	60	2	40
	Calshot ...	8	050	07	64	c	23·7	+00	58	49	5	3	–	7	7	–	3	35
	Boscombe Down	414	330	02	56	c	24·3	+06	54	48	5	–	–	7	7	55	–	–
2	Felixtowe ...	10	290	09	80	b	22·8	-03	53	43	5	–	–	7		50	–	–
	Gorleston ...	5	310	13	80	c	21·9	-01	56	47	2	7	–	7	7	–	3	30
	West Raynham	250	330	15	80	c	22·6	-05	54	45	4	3	–	7	7	30	–	–
	Mildenhall ...	15	310	06	82	bc	23·6	-02	47	43	5	7	1	3	3	–	1	40
3	Cranfield ...	340	–	0	48	c	24·1	+04	52	45	5	–	–	6	6	42	–	–
	Elmdon ...	326	020	05	11	bc	25·2	+06	52	46	5	–	–	4	1	35	–	–
	Wittering ...	236	340	09	80	b	24·4	+02	50	41	5	3	1	1	1	40	–	–
	Watnall ..	366	350	08	80	b	25·3	+08	49	43	–	–	5	2	–	–	–	–
4	Little Rissington	740	020	09	24	bc	24·6	+02	54	46	5	–	–	5	5	40	–	–
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	310	07	81	c	25·9	+08	53	46	5	–	–	7	7	60	–	–
5	Bristol ...	209	340	05	80	0	24·6	+04	54	47	5	3	–	8	8	80	3	35
	Exeter ...	100	–	0	48	c	24·7	+08	53	48	–	3	–	6	6	81	–	–
	Portland Bill	32	070	05	72	bc	24·4	+06	57	47	5	3	–	4	3	30	–	–
	Plymouth ...	90	020	03	81	bc	24·3	-01	56	48	5	–	5	5	3	35	–	–
	Chivenor ...	20	360	02	82	c	25·0	+04	58	51	5	–	–	7	7	30	–	–
	St. Eval ...	336	360	06	82	b	25·4	+01	53	48	5	–	1	2	1	22	–	–
	Lizard ...	240	050	12	80	b	25·0	+07	53	45	2	–	–	1	1	20	–	–
	Scilly, St. Mary's	163	020	15	83	b	25·9	+04	58	48	5	–	–	1	1	21	–	–
	Guernsey ...	340	–	0	82	b	24·0	+00	55	54	–	–	–	0	0	0	–	–
	Aberporth ...	375	010	10	83	bc	25·7	+04	55	52	5	3	1	5	3	30	–	–
6	Pembroke ...	142	060	12	81	bc	26·2	+03	54	51	2	7	8	3	8	–	–	–
7	Holyhead (Valley)	32	360	08	81	bc	26·0	+05	53	51	–	4	–	5	5	80	–	–
8	Manchester ...	230	070	02	16	b	25·8	+09	47	44	5	–	–	2	2	50	–	–
	Squires Gate...	33	050	04	80	c	25·7	+03	55	48	5	3	–	7	7	83	2	60
	Silloth ...	25	090	08	82	c/d	26·7	+14	54	47	5	3	–	7	4	35	–	–
9	Finningley ...	52	360	10	56	bc	24·6	+02	54	41	–	4	–	8	6	–	–	–
10	Spurn Head ...	29	350	26	56	0	22·8	-02	56	49	7	–	–	8	8	08	–	–
	Leeming ...	105	310	14	82	c	~~24·4~~ 25·4	-01	54	50	5	–	–	6	6	60	–	–
	Tynemouth ...	108	360	24	80	c	25·6	+02	54	48	8	7	–	7	4	25	–	–
11	St. Abb's Head	280	360	24	82	bc	26·6	+12	53	49	5	7	–	4	4	35	–	–
	Leuchars ...	36	360	10	82	b	27·6	+12	52	44	5	–	–	1	1	25	–	–
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	030	09	80	bc	27·9	+14	53	47	5	3	1	3	2	83	2	50
	West Freugh...	52	020	05	83	c	26·6	+04	54	50	5	3	–	6	4	30	–	–
	Ronaldsway ...	55	–	0	83	c	26·5	+06	55	51	5	–	–	7	7	54	–	–
13A	Tiree ...	29	360	12	84	b	28·7	+01	53	47	5	–	1	1	1	40	–	–
13B	Benbecula ...	16	330	06	83	0	29·0	-02	56	47	5	–	–	8	8	37	–	–
	Stornoway ...	10	–	0	82	0	29·0	-02	53	51	–	7	–	8	8	10	–	–
	Cape Wrath ...	367	310	02	84	c	29·6	+11	52	43	8	–	–	6	6	25	–	–
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	330	11	81	b	27·4	+07	48	43	5	–	2	2	1	26	–	–
	Lossiemouth...	21	360	08	82	bc	28·4	+08	51	43	5	4	–	4	3	50	–	–
	Wick ...	119	–	0	83	bc	28·2	+06	43	41	5	3	2	5	2	40	–	–
16	Lerwick ...	269	350	05	82	b	26·5	+06	44	43	4	–	–	1	1	21	–	–
17	Blacksod Point	18	020	09	81	bc	30·5	+08	57	53	1	3	–	5	3	85	2	31
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	–	0	80	b	28·6	+06	48	48	5	–	1	1	1	25	1	15
	Castle Archdale	225	050	09	83	c	29·0	+00	53	48	5	–	–	7	7	50	–	–
19	Birr Castle ... *	187	340	05	81	c	28·1	+09	56	48	4	–	–	6	6	40	–	–
	Collinstown ... *	226	350	09	88	c	28·0	+07	52	45	5	–	–	7	7	50	–	–
	Rineanna ... *	10	360	07	82	b	28·7	+10	50	46	5	3	–	2	2	35	–	–
20	Valentia ... *	30	010	12	82	bc	28·7	+03	58	51	8	–	1	4	3	19	–	–
	Midleton ... *	30	–	0	81	c	27·6	+07	55	53	5	–	–	7	7	42	–	–

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 7th July

District.	Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Cloud. Form. Medium. (26)	Cloud. Form. High. (27)	Cloud. Total amount. 0-8 (28)	Cloud. Main layer. Amt. 0-8 (29)	Cloud. Main layer. Ht. ↑↑ (30)	Cloud. Lowest layer. Amt. 0-8 (31)	Cloud. Lowest layer. Ht. ↑↑ (32)	9 h. State of ground (33)	OBSERVATIONS Wednesday NIGHT Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
0	Kew ...	340	03	30	c	24·0	+05	53	45	7	–	–	7	7	25	–	–	0	czo ir	50	39	TR
	London Airport	340	07	64	c	24·9	+05	51	42	5	7	82	7	6	83	3	45	1	czo bzo ir mozo	46	40	TR
1	Lympne ...	310	06	64	c	23·5	+03	48	45	5	7	–	6	6	–	1	20	0	cprobc	44	37	0·2
	Tangmere ...	030	10	80	b	24·5	+10	56	44	–	4	–	2	2	–	–	–	0	cb by cy	49	46	–
	Calshot ...	050	08	56	bc	25·1	+11	56	45	–	3	2	3	1	17	–	–	0	cy czo bc	54	50	–
	Boscombe Down	360	03	56	bc	25·4	+03	54	46	5	–	2	3	1	50	–	–	0	cbcy	50	45	–
2	Felixtowe ...	310	14	56	o	22·1	+02	53	49	5	–	–	8	6	16	–	–	1	bc cmo cido	52	44	TR
	Gorleston ...	310	16	32	dfo	21·4	+03	54	52	7	–	–	8	8	18	–	–	1	bcpr coidomo	51	50	1
	West Raynham	350	17	48	rofo	22·8	+03	52	50	5	–	–	8	8	80	6	15	1	bcir ro ro cido	50	48	3
	Mildenhall ...	310	07	28	dodo	23·6	+05	51	49	7	–	–	8	8	08	–	–	1	bcc ido do domo	45	39	3
3	Cranfield ...	310	01	40	ifo	24·4	+04	50	44	–	7	–	8	8	–	–	–	0	bcc idoiromo	48	40	TR
	Elmdon ...	330	08	64	c	25·8	+04	52	45	–	3	–	7	7	80	–	–	0	czobzo ciroc	43	33	TR
	Wittering ...	340	15	56	ido	24·8	+06	52	45	6	2	–	8	8	80	4	20	0	cbc oir dodo rofo	49	44	0·3
	Watnall ..	350	12	64	old	25·1	+01	52	44	5	3	–	8	8	81	3	50	1	bcciromo	48	43	0·4
4	Little Rissington	360	09	80	c	25·7	+04	51	42	5	3	–	7	7	81	6	60	0	cmobmoc	48	44	–
	Ross-on-Wye	310	02	34	z	26·4	+08	51	47	5	–	8	1	1	35	–	–	0	ccbbcc	47	•	–
	Shawbury ...	330	05	48	c	27·0	+08	52	45	57	3	2	7	6	50	–	–	0	cbcw c	47	37	–
5	Bristol ...	040	04	64	c	26·0	+11	54	47	5	–	2	6	1	35	–	–	0	cy c boy	51	42	–
	Exeter ...	050	09	64	c	25·8	+10	56	50	5	3	2	6	1	30	–	–	0	bcemob	52	38	–
	Portland Bill	070	13	44	z	25·5	..	56	48	5	6	1	5	3	80	4	20				•	
	Plymouth ...	–	0	64	c	24·9	+07	57	48	5	7	–	7	7	–	6	40	0	bcbccbc	52	43	–
	Chivenor ...	050	10	64	bc	25·7	+08	56	49	5	–	–	5	5	50	–	–	0	bbccbcby	56	49	–
	St. Eval ...	080	05	81	c	25·6	+06	53	48	5	–	9	6	5	30	1	20	0	bbcc	51	47	–
	Lizard ...	080	07	80	c	24·6	+01	54	50	1	–	8	6	4	25	–	–	0	bcebc	50	*	–
	Scilly, St. Mary's	050	18	82	c/pr	24·5	-08	58	52	3	6	–	6	2	60	4	21	0	bcpc	56	*	–
	Guernsey ...	050	02	40	z	24·1	+06	56	54	–	–	–	0	0	0	–	–	0	bbmobc	53	49	–
	Aberporth ...	–	0	82	b	26·7	+09	53	49	–	8	9	1	1	–	–	–	0	cbcb	45	35	–
6	Pembroke ...	020	10	81	b	26·8	+11	54	52	5	–	–	2	2	35	–	–	0	bc	52	*	–
7	Holyhead (Valley)	080	07	80	b	26·5	+06	55	53	2	4	1	1	1	25	–	–	0	cvobcb	50	45	–
8	Manchester ...	350	08	81	c	26·3	+02	53	44	5	3	–	7	7	50	–	–	0	~~beepfog~~ c-b-c	45	37	–
	Squires Gate...	020	09	81	c	26·9	+09	54	45	5	7	–	7	4	80	2	50	0	c	52	47	–
	Silloth ...	010	07	82	b	28·3	+10	51	46	–	3	1	2	–	–	–	–	0	ccir pro cbcb	44	33	TR
9	Finningley ...	360	16	81	ifo	25·3	+04	52	45	5	7	–	8	8	–	3	40	0	bcciroc	48	39	TR
10	Spurn Head ...	360	22	32	o/r	23·1	+00	53	51	7	–	–	8	8	08	–	–	1	oidoro omo	53	*	1
	Leeming ...	360	14	83	o	26·0	+08	53	44	6	–	–	8	8	35	2	25	0	ciroc	52	51	–
	Tynemouth ...	360	27	56	c	26·2	+10	53	47	5	–	–	7	7	20	–	–	0	c	53	51	–
11	St. Abb's Head	360	24	82	c/q	27·3	+08	52	44	5	–	–	6	6	35	–	–	0	bcqcq	47	*	–
	Leuchars ...	240	02	82	b	28·4	+05	49	45	–	–	1	1	–	–	–	–	0	cbcbbc	43	39	–
12	Eskdalemuir...	310	05	83	b	28·5	+08	47	41	4	–	–	1	1	22	–	–	0	cbcbwby	43	39	–
	Prestwick ...	–	0	24	b	28·9	+08	49	46	–	3	1	2	1	~~14~~ 84	–	–	0	cbcb	45	41	–
	West Freugh...	360	02	83	c	28·1	+13	49	46	5	4	–	6	5	35	–	–	0	~~bobbcyw~~ bccbc	43	38	–
	Ronaldsway ...	040	10	83	bc	28·0	+13	54	49	5	3	1	4	1	25	–	–	0	bc c bc	50	41	–
13A	Tiree ...	360	06	85	c	29·6	+07	55	49	5	7	–	7	6	40	1	25	0	bccv	50	44	–
13B	Benbecula ...	300	07	64	ido	29·2	+00	56	54	6	–	–	8	6	08	–	–	1	coidoc	56	52	TR
	Stornoway ...	230	04	46	dodo	28·8	+00	54	54	6	2	–	8	8	81	1	08	1	ccdodoido	52	51	TR
	Cape Wrath ...	230	13	81	o	28·1	-07	52	48	6	–	–	8	8	10	–	–	1	corf	50	48	1
	Sule Skerry ...	270	09	83	c	27·3	-02	55	49	5	–	–	7	7	15	–	–	1		55	48	–
14	Loch Rannoch																					
15	Dyce ...	310	10	81	bc	27·8	+05	50	44	5	–	–	3	3	30	1	20	1	bc	43	41	–
	Lossiemouth...	200	08	82	c	28·4	+04	51	47	5	–	–	7	7	40	–	–	0	c	48	43	–
	Wick ...	290	06	84	c	28·1	+01	51	49	5	–	–	7	7	35	1	20	0	bcyc	41	36	–
16	Lerwick ...	310	06	82	b	26·6	+01	52	48	5	–	–	1	1	25	–	–	1	c	43	33	–
17	Blacksod Point	360	05	81	c	30·8	+08	58	55	1	3	–	6	3	84	3	35	0	bc	56	39	–
18	Malin Head ...	360	09	83	bc	29·3	+08	56	48	–	3	–	3	3	83	–	–	0	b	53	*	–
	Aldergrove ...	–	0	82	bc	29·4	+08	46	46	6	–	1	4	1	45	3	18	0	bcbwfgb	41	35	–
	Castle Archdale	050	07	82	b	30·0	+06	52	49	5	–	1	2	1	30	–	–	0	cbc bbc	~~54~~ 118*	37	–
19	Birr Castle ... *	340	05	81	bc	28·9	+05	50	47	5	–	–	3	3	45	–	–	0	c	45	37	–
	Collinstown ... *	280	07	82	b	28·6	+05	49	49	1	4	1	1	1	23	–	–	0	c b	45	42	TR
	Rineanna ... *	340	08	83	c	30·1	+09	48	47	5	–	–	7	8	42	1	13	0	b	44	35	–
20	Valentia ... *	080	03	82	bc	29·5	+05	55	49	8	–	–	3	2	21	–	–	0	c	52	44	–
	Midleton ... *	020	13	82	b	28·5	+09	52	45	5	3	–	2	2	50	–	–	0	c	51	45	–

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 8th July 1949

No. 32005

OBSERVATIONS at 12h. G.M.T. 7th July

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.) (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. Dry Bulb. °F. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Form. Medium. (10)	Form. High. (11)	Total amount. 0-8 (12)	Main layer. Amt. 0-8 (13)	Main layer. Ht. (14)	Lowest layer. Amt. 0-8 (15)	Lowest layer. Ht. (16)
0	Kew	020	08	46	0	26·1	+05	56	47	5	-	-	8	8	21	-	-
	London Airport																
1	Lympne	360	09	56	1c	26·2	+07	57	48	7	2	-	8	6	18	-	-
	Tangmere	340	06	81	o/r	24·8	+05	56	50	5	-	-	8	8	20	5	12
	Calshot	010	13	80	0	25·6	+02	60	47	1	7	-	8	4	35	-	-
		350	05	56	c	25·7	+03	61	47	5	7	-	7	5	25	-	-
	Boscombe Down	340	10	80	0	26·0	+01	61	44	8	-	-	8	8	50	4	25
2	Felixtowe																
	Gorleston	340	12	80	o/d	24·1	+09	57	51	6	-	-	8	8	18	-	-
	West Raynham	340	16	36	1d	23·1	+10	56	52	7	-	-	8	8	16	-	-
	Mildenhall	360	20	64	1c	24·7	+10	54	50	5	-	-	8	8	18	-	-
		360	10	46	0	25·4	+08	56	52	5	-	-	8	8	20	6	08
3	Cranfield	360	10	40	0	26·1	+07	53	47	3	7	-	8	7	16	-	-
	Elmdon	350	14	80	o/d	27·2	+03	57	48	5	7	-	8	8	8.3	6	50
	Wittering	020	12	40	1c	26·7	+09	55	49	5	-	-	8	8	20	6	12
	Watnall	360	12	48	0	26·9	+03	57	49	5	2	-	8	8	70	5	25
4	Little Rissington	360	08	80	0	27·1	+04	53	44	5	7	-	8	8	81	5	20
	Ross-on-Wye	360	12	80	0	27·2	+03	59	44	1	7	-	8	2	25	-	-
	Shawbury																
5	Bristol	310	08	80	0	27·6	+02	63	43	8	3	-	6	5	~~30~~ 35	1	25
	Exeter	360	12	80	c	27·1	+03	59	43	5	-	-	7	7	40	3	25
	Portland Bill	070	16	81	c	26·7	+02	67	48	8	3	-	7	6	45	2	25
	Plymouth	090	08	56	bc	25·7	-01	68	49	2	-	-	4	4	25	-	-
	Chivenor																
	St. Eval	360	08	81	bc	26·8	+00	67	43	2	3	1	5	3	30	-	-
	Lizard	020	08	32	0	26·7	+04	60	53	2	3	-	8	7	-	7	15
	Scilly, St. Mary's	130	05	40	1	26·1	+08	65	53	2	3	-	4	2	25	-	-
		060	16	48	bc	26·3	+02	65	53	8	-	4	5	4	26	-	-
	Guernsey	050	14	48	1	25·5	+00	63	51	-	3	-	1	1	-	-	-
	Aberporth	330	06	82	c	27·6	+02	62	53	1	7	-	6	6	60	1	21
6	Pembroke	360	14	81	c	28·0	+04	62	51	2	7	9	7	3	83	3	25
7	Holyhead (Valley)	340	11	83	bc	28·0	+03	66	48	1	-	8	5	4	30	-	-
8	Manchester	360	08	40	bc	27·4	+02	64	47	5	4	-	5	1	30	-	-
	Squires Gate	310	11	~~85~~ 83	bc	28·1	+04	62	47	1	3	-	3	3	35	-	-
	Silloth																
9	Pinningley	300	08	83	b	28·1	-05	63	47	1	-	-	2	2	27	-	-
10	Spurn Head	010	18	81	c	26·8	+07	63	45	5	-	-	7	7	25	2	25
	Leeming	~~350~~ 360	25	48	0	26·4	+13	55	49	5	-	-	8	8	10	-	-
		020	15	81	c	27·7	+08	59	45	5	-	-	5	7	30	4	25
	Tynemouth	360	20	56	c	28·1	+10	55	48	5	-	-	6	6	30	-	-
11	St. Abb's Head	360	09	80	bc	28·3	+02	56	46	5	-	-	3	3	30	-	-
	Leuchars	100	07	80	bc	28·1	-06	64	47	5	-	9	3	1	-	2	30
12	Eskdalemuir	030	05	82	b	27·7	-02	63	45	1	-	-	1	1	28	-	-
	Prestwick	270	13	82	b	29·2	-01	61	47	1	-	1	1	1	28	-	-
	West Freugh	340	16	83	b	28·5	-00	64	44	1	-	1	2	2	30	-	-
	Rosaldsway																
13A	Tiree	340	06	83	bc	29·1	+06	63	47	1	-	-	4	4	25	-	-
13B	Benbecula	310	09	85	c	29·9	+02	59	55	5	7	-	7	7	20	2	07
	Stornoway	310	15	81	o/d	30·0	+03	58	54	6	-	-	8	8	12	3	07
		310	12	48	0	29·1	+03	59	56	6	-	-	8	8	20	6	06
	Cape Wrath	270	09	X5	f	28·1	-03	53	53	-	-	-	9	9	00	-	-
	Sule Skerry																
14	Loch Rannoch	270	05	80	0	27·4	+00	55	54	6	-	-	8	8	10	-	-
15	Dyce	340	10	82	c	27·7	-03	61	49	5	-	-	6	6	35	3	25
	Lossiemouth	250	09	82	c	28·0	-07	60	45	6	-	-	7	6	50	3	0-
	Wick	290	16	81	0	27·7	-02	57	53	6	-	-	8	8	10	-	-
16	Lerwick																
17	Blacksod Point	250	08	82	c	26·2	-02	58	50	5	-	-	7	7	28	-	-
18	Malin Head	350	05	81	c	31·6	+05	61	57	8	-	-	7	7	35	-	-
	Aldergrove	360	02	83	c	30·6	+01	60	51	5	-	-	6	6	31	-	-
		320	06	83	bc	29·7	-00	63	48	2	-	-	3	3	25	-	-
	Castle Archdale	020	07	83	0	30·3	+03	62	49	5	-	-	8	8	25	-	-
19	Birr Castle *																
	Collinstown *	360	09	81	bc	29·2	+00	66	48	1	-	-	5	5	35	-	-
	Rineanna *	090	06	82	bc	29·6	+01	63	51	2	-	-	4	4	28	-	-
20	Valentia *	020	11	83	bc	30·1	-02	67	46	8	-	-	4	4	28	-	-
	Midleton *	050	09	82	c	30·2	+01	61	50	8	-	1	7	5	35	2	27
		080	07	82	bc	28·9	-03	67	47	1	-	1	4	4	32	-	-

* Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 7th July

Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.) (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. Dry Bulb. °F. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Form. Medium. (26)	Form. High. (27)	Total amount. 0-8 (28)	Main layer. Amt. 0-8 (29)	Main layer. Ht. (30)	Lowest layer. Amt. 0-8 (31)	Lowest layer. Ht. (32)	21 h State of ground (33)
Kew	030	04	30	0	25·9	-02	58	48	5	7	-	8	6	15	-	-	0
London Airport																	
Lympne	360	09	48	0	26·1	-04	59	49	5	7	-	8	6	35	3	20	1
Tangmere	360	10	24	id.	25·2	+02	55	53	5	-	-	8	8	87	-	-	0
Calshot	030	10	40	0	25·8	+00	50	54	4	-	-	8	7	25	-	-	0
	030	11	48	2	25·8	-01	59	49	5	7	-	8	7	20	-	-	0
Boscombe Down	350	10	56	0	26·2	+00	58	48	5	-	-	8	8	40	1	20	0
Felixtowe																	
Gorleston	350	13	80	id.	24·5	+00	56	52	6	-	-	8	8	13	6	10	1
West Raynham	340	17	48	id.	24·2	+02	57	50	5	-	-	8	8	20	-	-	0
Mildenhall	010	12	81	0	25·8	+05	54	46	5	-	-	8	8	15	-	-	1
	360	09	82	0	26·1	+02	56	49	5	-	-	8	8	25	6	15	1
Cranfield	050	08	56	0	25·7	-06	60	50	5	3	-	8	7	25	-	-	0
Elmdon	040	08	48	c	26·5	-04	61	50	5	-	-	6	6	50	-	-	0
Wittering	050	11	81	bc	25·8	-04	61	47	5	-	-	3	3	35	-	-	0
Watnall	010	10	81	b	26·5	-05	65	47	-	3	-	1	1	-	-	-	0
Little Rissington	360	02	48	2	26·6	-03	57	48	-	3	-	6	6	83	-	-	0
Ross-on-Wye	130	04	34	0	26·8	+00	60	48	5	7	-	8	7	30	-	-	0
Shawbury																	
Bristol	360	16	80	c	26·8	+01	65	46	5	-	-	1	1	70	-	-	0
Exeter	050	08	32	c	26·6	-01	60	~~45~~ 47	5	-	-	7	7	65	-	-	0
Portland Bill	050	10	64	c	26·3	-03	64	50	8	3	-	7	1	30	4	40	0
Plymouth	040	10	64	c	26·0	+01	64	48	1	3	-	7	6	70	2	20	0
Chivenor																	
St. Eval	360	03	80	c	26·6	-04	63	48	8	7	-	7	4	55	1	35	0
Lizard	040	12	81	c	26·5	+02	61	~~37~~ 54	5	-	-	7	7	55	-	-	0
Scilly, St. Mary's	-	0	56	0	26·1	-01	61	59	5	-	-	8	8	20	-	-	0
	050	16	48	c	26·3	-03	64	54	5	-	-	6	6	32	-	-	0
Guernsey	050	12	81	b	25·4	-02	60	48	-	3	8	1	1	-	-	-	0
Aberporth	340	08	84	b	27·2	-03	60	52	-	7	-	2	1	-	-	-	0
Pembroke	010	15	81	bc	27·6	-02	62	49	-	7	-	4	7	83	-	-	0
Holyhead (Valley)	340	14	82	b	27·4	-06	60	50	-	-	-	0	0	0	-	-	0
Manchester	310	10	48	b	26·0	-03	66	49	1	-	-	1	1	40	-	-	0
Squires Gate	300	18	81	b	27·2	-04	64	51	-	-	-	0	0	0	-	-	0
Silloth																	
Pinningley	270	09	82	b	27·4	-04	66	49	4	-	1	2	1	45	-	-	0
Spurn Head	020	13	82	b	26·8	-02	65	51	1	-	-	1	1	20	-	-	0
Leeming	360	18	56	c	26·2	-07	57	49	5	-	-	6	6	20	-	-	0
	020	09	81	b	27·4	+01	61	46	-	-	1	1	-	-	-	-	0
Tynemouth	360	10	80	bc	28·2	-01	57	50	5	-	1	3	2	22	-	-	0
St. Abb's Head	360	05	80	b	27·8	-11	59	57	5	-	-	2	2	30	-	-	0
Leuchars	-	0	82	c	27·2	-08	63	52	5	-	-	7	7	60	3	40	0
Eskdalemuir	010	04	83	b	26·5	-04	67	43	1	-	2	2	1	30	-	-	0
Prestwick	260	11	83	b	28·0	-07	64	51	1	4	2	2	1	35	-	-	0
West Freugh	350	09	83	bc	27·8	-05	64	52	-	3	2	3	1	83	-	-	0
Rosaldsway																	
Tiree	340	08	84	b	28·2	-05	62	49	-	-	1	1	-	-	-	-	0
Benbecula	330	11	40	id.	29·8	-02	58	56	6	7	-	8	7	04	-	-	0
Stornoway	340	16	64	if.	30·2	+00	57	55	6	-	-	8	8	05	-	-	1
	340	13	48	0	29·4	+02	57	55	6	-	-	8	6	06	-	-	1
Cape Wrath	310	09	04	if	28·6	-10	53	53	-	-	-	9	9	0	-	-	1
Sule Skerry																	
Loch Rannoch	310	05	80	b	27·8	+02	55	53	6	-	-	8	8	10	-	-	1
Dyce	320	07	82	0	27·4	+05	59	52	5	7	-	8	6	35	-	-	1
Lossiemouth	-	0	81	jf	27·8	-04	59	55	6	-	-	7	6	20	-	-	1
Wick	320	06	81	0	27·5	-02	57	53	6	-	-	8	8	20	7	08	0
Lerwick																	
Blacksod Point	310	09	82	0	26·0	-02	57	53	6	-	-	7	7	22	4	14	0
Malin Head	350	09	81	jp	31·5	-01	61	59	9	-	-	9	7	25	-	-	1
Aldergrove	350	08	81	if.	30·4	-02	58	54	6	2	-	7	2	83	5	26	0
	330	09	82	c	29·4	-01	63	53	5	-	1	7	6	30	1	25	0
Castle Archdale	020	09	82	0	30·0	+00	61	56	5	-	-	8	8	25	1	16	0
Birr Castle *																	
Collinstown *	360	09	81	bc	28·5	-04	69	49	1	-	-	4	4	35	-	-	0
Rineanna *	090	05	82	b	28·6	-03	64	49	1	-	-	1	1	38	-	-	0
Valentia *	010	10	83	bc	29·2	-03	68	46	1	-	-	4	4	33	-	-	0
Midleton *	360	15	82	b	29·9	-02	64	53	1	-	-	2	2	32	-	-	0
	200	05	82	b	26·5	-04	66	50	5	-	-	1	1	45	-	-	0

OBSERVATIONS during DAY (7th)

Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
Kew	C20CC20C20	58	0·0	-
London Airport				
Lympne	C1c0CC20	60	*	Tr
Tangmere	CCId0C	58	0·3	Tr
Calshot	CCyc	62	3·5	-
	yCC20	62	3·9	-
Boscombe Down	cycbc	61	2·6	-
Felixtowe				
Gorleston	CId0CCId0CCId0C	57	0·0	Tr
West Raynham	OId0m0Om0	57	0·0	Tr
Mildenhall	CId0C1c0C	55	0·0	0·2
	Cm0C	58	0·1	Tr
Cranfield	Cm0CCm0	61	0·6	-
Elmdon	CCId0C20bm0	64	*	Tr
Wittering	cbcb	62	2·8	Tr
Watnall	Cm0bcyb	65	4·3	-
Little Rissington	C1c0C20	57	0·1	Tr
Ross-on-Wye	CCyC20	63	2·9	-
Shawbury				
Bristol	cybcybyb	69	7·4	-
Exeter	cycbc	63	3·8	-
Portland Bill	byCyC1c0CyCm0	69	4·7	Tr
Plymouth	bcycyC	68	5·2	-
Chivenor				
St. Eval	bcbycycbc	69	6·6	-
Lizard	C	65	1·9	-
Scilly, St. Mary's	C2cbc	67	8·7	-
	bcc	67	8·2	-
Guernsey	cbc	65	13·2	-
Aberporth	bcbcbcb	65	11·7	-
Pembroke	bccbc	67	7·1	-
Holyhead (Valley)	bbcvyb	66	14·6	-
Manchester	cybCyb	70	8·4	-
Squires Gate	bcybyb	65	11·5	-
Silloth				
Pinningley	bbcy	69	*	-
Spurn Head	cbcyb	66	6·5	-
Leeming	Om0C	59	1·9	-
	cby	64	7·2	-
Tynemouth	cbcc	57	*	-
St. Abb's Head	cbcc.	62	*	-
Leuchars	bcyc	65	10·5	-
Eskdalemuir	bwbbybc	70	14·3	-
Prestwick	bybcybbc	66	14·9	-
West Freugh	bcybcb	66	*	-
Rosaldsway				
Tiree	bcybcbyb	65	14·4	-
Benbecula	Cvoid0c	62	0·2	Tr
Stornoway	Coid00	59	0·0	Tr
	C1d0	61	0·1	Tr
Cape Wrath	dfo	54	*	0·6
Sule Skerry				
Loch Rannoch		~~56~~ 57	*	-
Dyce	bccdodg	61	6·3	0·[illegible]
Lossiemouth	Cjf domdo	61	0·0	Tr
Wick	C1Ddoc	59	0·0	Tr
Lerwick				
Blacksod Point	C	61	4·2	-
Malin Head	Cpr	64	2·7	Tr
Aldergrove	Cr	62	*	Tr
	bcbcybccbc	66	11·9	-
Castle Archdale	bcc	65	6·7	-
Birr Castle *				
Collinstown *	bcbc	72	14·1	-
Rineanna *	bcbc	66	14·0	-
Valentia *	cbc	72	12·5	-
Midleton *	bcbc	65	8·2	-
	bcbc	70	12·1	-

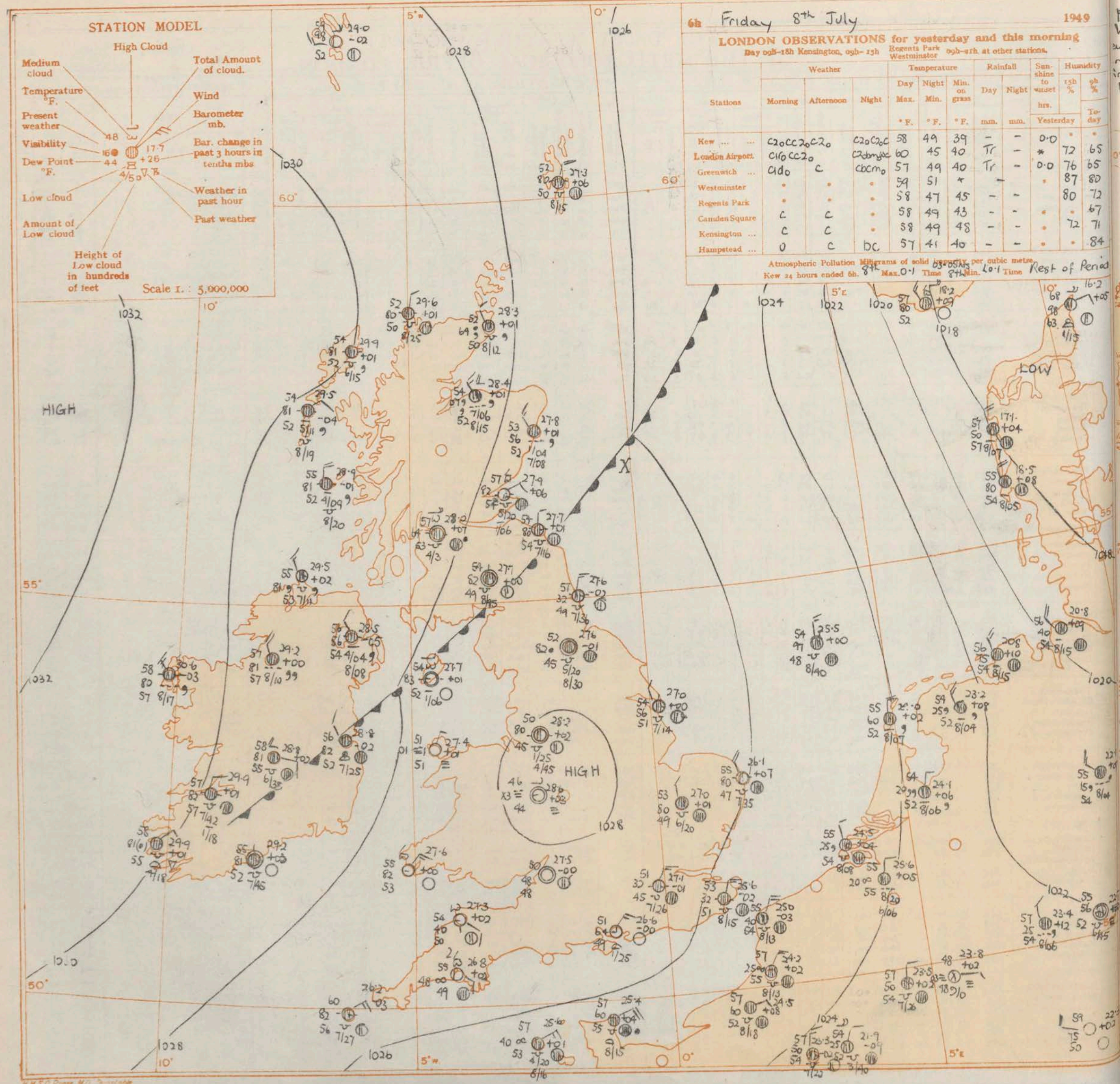
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered (" Oktas "). " Trace " is included in figure 1. " Overcast but with openings " is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Friday 8th July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–17h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Yesterday	Humidity 9h % Today
Kew	C2oCC2oC2o		C2oC2oC	58	49	39	–	–	0·0	•		•
London Airport	C1/0CC2o		C2dmgbc	60	45	40	Tr	–	*	72		65
Greenwich ...	C1d0	C	C0Cm0	57	49	40	Tr	–	0·0	76		65
Westminster	•	•	•	59	51	*	–		•	87		80
Regents Park	•	•	•	58	47	45	–	–		80		72
Camden Square	C	C	•	58	49	43	–	–	•	•		67
Kensington ...	C	C	•	58	49	48	–	–	•	72		71
Hampstead ...	0	C	DC	57	41	40	–	–	•	•		84

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 8th Max. 0·1 Time 8th Min. 0·1 Time Rest of Period

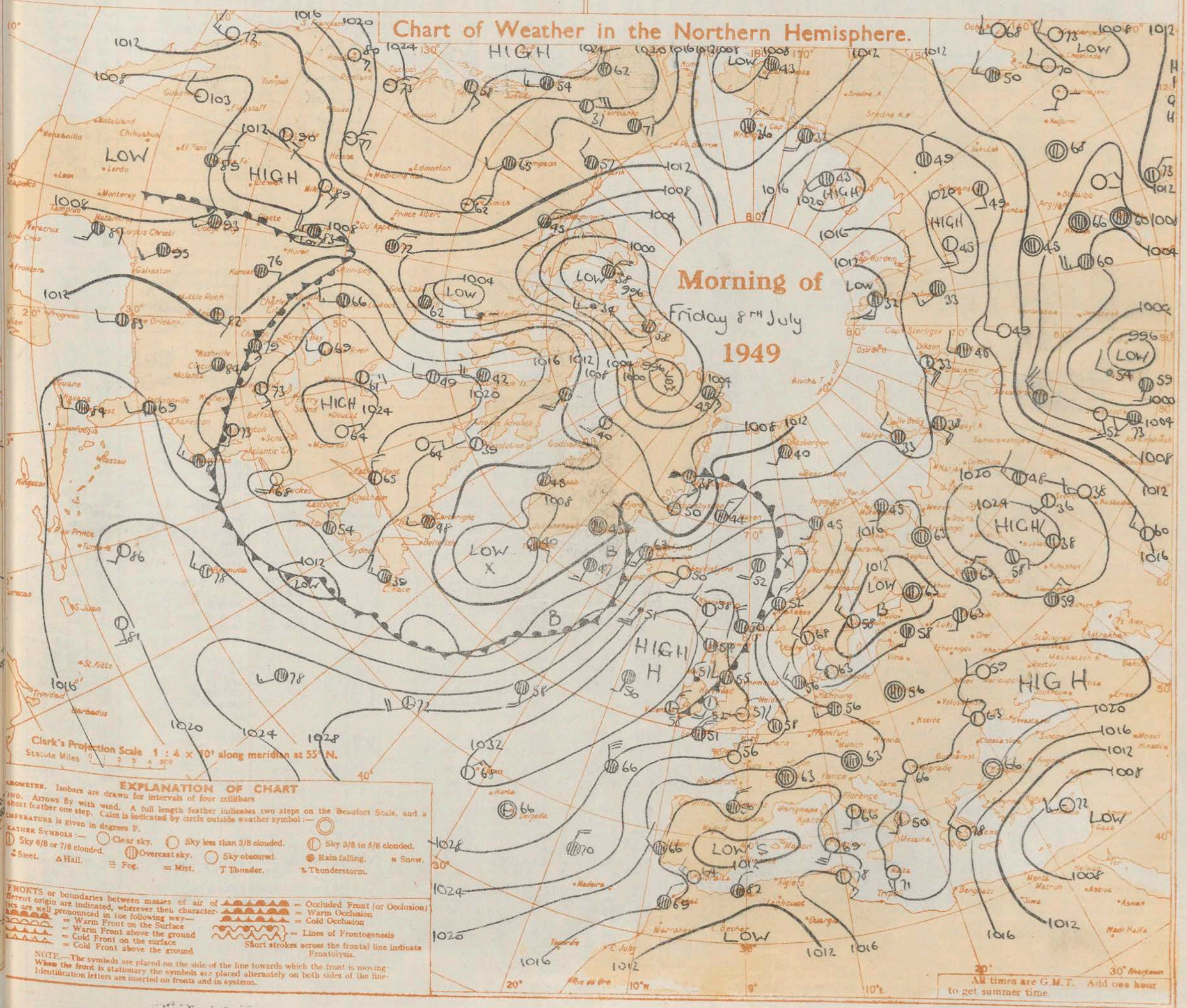
GENERAL INFERENCE

Pressure is high to the West and Southwest of the British Isles. Weather will be fair in most areas but there will be a little drizzle in a few Northern districts. It will be bright in the Midlands, Wales and South and Southwest England. Elsewhere there will be a good deal of cloud at first but this is expected to thin and break in many places. It will be a little warmer in most places.

FURTHER OUTLOOK

Fair in most districts: Warmer

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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 G.M.T. Add one hour to get summer time.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 8th July 1949
No. 32905

OBSERVATIONS at 00hr G.M.T. 8th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	18	•	•	•	•	•	•	52	•	•	•	•	•	•	•	•	
	London Airport	82	010	05	48	b	27.5	+04	51	45	-	4	-	1	1	-	-	-
1	Lympne	341	010	07	20	c	26.0	-02	54	50	5	-	-	8	8	15	-	-
	Tangmere	53	080	03	32	bc	26.8	+06	53	48	5	3	-	4	3	81	1	40
	Calshot	8	060	04	64	b	26.5	+03	57	51	-	3	-	2	2	-	-	-
	Boscombe Down	414	020	02	24	c	26.9	+02	55	50	5	-	-	7	7	40	-	-
2	Felixtowe	10	350	04	64	c	26.3	+03	54	49	6	-	-	8	8	18	-	-
	Gorleston	5	310	11	64	p	25.5	-04	55	48	5	-	-	8	8	26	-	-
	West Raynham	250	350	08	80	c	26.8	+03	52	46	5	-	-	8	8	21	3	15
	Mildenhall	15	030	02	81	c	27.2	-02	53	46	5	-	-	7	7	25	-	-
3	Cranfield	340	020	07	40	b	27.4	+02	47	45	-	-	-	0	0	0	-	-
	Elmdon	326	060	02	24	b	28.2	+05	46	45	-	-	-	0	0	0	-	-
	Wittering	236	330	04	56	b	28.1	+01	45	43	-	-	-	0	0	0	-	-
	Watnall	366	030	01	56	b	28.4	+04	46	44	-	-	-	0	0	0	-	-
4	Little Rissington	740	090	08	72	b	28.1	+07	49	47	-	3	-	1	1	83	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury	235	020	03	80	b	28.6	+04	54	50	5	-	-	1	1	50	-	-
5	Bristol	209	—	0	32	bc	27.2	+02	51	48	5	-	-	4	4	65	-	-
	Exeter	100	—	0	48	c	27.5	+05	57	52	5	-	-	7	7	55	-	-
	Portland Bill	32																
	Plymouth	90	—	0	80	c	27.0	+03	58	50	5	-	-	6	6	68	-	-
	Chivenor	20	—	0	54	c	27.7	+06	56	51	-	7	-	7	7	81	-	-
	St. Eval	336	—	0	81	c	27.4	+03	58	52	5	-	-	7	7	45	-	-
	Lizard	240	090	02	56	c	26.8	+02	58	50	5	-	-	7	7	18	-	-
	Scilly, St. Mary's	163	060	14	82	c	27.0	+03	58	55	5	-	-	7	7	32	-	-
	Guernsey	340	060	09	32	c	26.0	-03	56	51	5	-	-	8	8	22	3	18
	Aberporth	375	020	02	80	b	27.7	+03	56	52	-	-	9	1	-	-	-	-
6	Pembroke	142	010	14	81	bc	27.9	+00	55	53	-	-	7	4	4	81	-	-
7	Holyhead (Valley)	32	110	03	80	b	28.1	+03	51	49	-	-	-	1	-	-	-	-
8	Manchester	230	070	04	48	b	28.2	+04	50	45	5	-	-	1	1	50	-	-
	Squires Gate	33	090	06	40	b	27.8	+04	47	46	-	3	-	1	1	80	-	-
	Silloth	25	210	07	81	c	27.8	+02	57	49	-	3	-	7	7	80	-	-
9	Finningley	52	—	0	72	b	28.5	+05	43	41	-	-	-	0	0	0	-	-
10	Spurn Head	29	360	08	80	c	27.4	-01	52	50	5	-	-	6	6	15	-	-
	Leeming	105	230	01	80	b	28.4	-01	48	41	-	3	-	1	1	~~86~~	-	-
	Tynemouth	108	270	06	24	c	28.4	-05	55	47	5	-	-	6	6	20	-	-
11	St. Abb's Head	280	180	05	80	c	27.8	-01	57	47	5	-	-	7	7	30	-	-
	Leuchars	36	040	04	80	o	28.0	-01	57	53	5	-	-	8	8	40	4	20
12	Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick	30	360	02	80	b	28.6	+03	55	53	5	3	-	2	1	83	2	70
	West Freugh	52	340	08	80	b	28.2	+01	54	53	-	3	1	2	1	83	-	-
	Ronaldsway	55	360	11	83	b	28.1	-03	56	53	6	-	-	1	1	10	-	-
13A	Tiree	29	350	13	40	c/o	29.7	-02	56	55	6	-	-	8	8	07	-	-
13B	Benbecula	16	360	11	48	c/o	30.3	-00	55	55	6	-	-	8	8	17	4	08
	Stornoway	10	360	05	80	o/c	30.3	+02	53	52	6	-	-	8	8	13	-	-
	Cape Wrath	367	310	02	81	o	29.5	+01	52	52	6	-	-	8	8	20	-	-
	Sule Skerry	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce	234	340	06	16	c/o	28.2	+01	55	54	7	-	-	8	8	30	6	05
	Lossiemouth	21	360	06	64	c	28.6	+02	55	51	7	2	-	7	7	21	6	15
	Wick	119	330	09	81	o	28.5	+03	53	52	5	-	-	8	8	18	-	-
16	Lerwick	269	360	08	80	o	26.8	+00	50	48	6	-	-	8	8	06	-	-
17	Blacksod Point	18	300	13	78	o	31.6	-01	60	57	6	-	-	8	8	21	-	-
18	Malin Head	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove	220	230	02	80	o	29.5	+06	56	54	6	-	-	8	8	12	4	07
	Castle Archdale	225	360	03	81	c/o	30.3	-02	57	55	5	-	-	8	8	20	-	-
19	Birr Castle *	187	360	05	81	c	29.5	+03	56	53	5	-	-	6	6	35	-	-
	Colbinstown *	226	290	07	82	c	29.5	+00	53	49	5	-	-	7	7	29	-	-
	Rineanna *	10	030	04	82	b	30.4	+06	55	53	5	-	-	7	7	30	-	-
20	Valentia *	30	060	05	81	bc	30.6	+02	57	54	2	-	-	5	5	10	-	-
	Midleton *	30	—	0	81	b	29.4	+01	50	48	-	-	-	0	0	0	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 8th July

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)
0	Kew	050	05	30	o	26.9	-02	52	43	5	-	-	8	8	25	-	-	0
	London Airport	030	08	32	c	27.1	-01	51	45	5	-	-	7	7	26	-	-	0
1	Lympne	010	08	32	o	25.6	-02	53	51	5	-	-	8	8	15	-	-	0
	Tangmere	030	09	32	c	26.2	-01	51	47	5	4	-	6	4	50	2	30	0
	Calshot	030	10	64	b	26.6	-00	51	49	1	-	-	1	1	25	-	-	0
	Boscombe Down	010	03	48	b	26.2	-07	49	46	5	-	-	1	1	50	-	-	0
2	Felixtowe	360	02	80	o	26.3	+05	54	47	6	-	-	8	8	20	-	-	0
	Gorleston	340	13	80	c	26.1	+07	55	47	5	-	-	7	7	35	-	-	0
	West Raynham	010	12	81	c	26.6	+03	53	46	5	-	-	7	7	25	-	-	0
	Mildenhall	340	02	80	c	27.0	+01	53	49	5	-	-	7	6	20	-	-	0
3	Cranfield	360	05	40	c	27.1	+00	50	46	5	-	-	6	6	25	-	-	0
	Elmdon	-	0	06	b	28.5	+04	46	45	-	-	-	0	0	0	-	-	0
	Wittering	020	06	64	b	27.4	+00	50	46	5	-	-	1	1	20	-	-	0
	Watnall	-	0	16	b	28.3	-01	51	47	5	-	-	1	1	35	-	-	0
4	Little Rissington	020	01	64	b	27.8	+00	49	46	6	-	-	1	1	15	-	-	0
	Ross-on-Wye	070	01	12	z	28.3	+00	50	47	-	-	-	0	0	0	-	-	0
	Shawbury	-	0	x3	of	28.6	+03	46	44	-	-	1	1	-	-	-	-	0
5	Bristol	-	0	48	b	27.5	-00	50	48	-	-	-	0	0	0	-	-	0
	Exeter	-	0	24	b	27.1	+01	50	47	-	3	-	1	-	-	-	-	0
	Portland Bill																	0
	Plymouth	110	02	48	z	26.8	+02	55	49	-	7	-	2	2	83	-	-	0
	Chivenor	110	05	40	b	27.3	+02	54	50	-	3	-	1	1	81	-	-	0
	St. Eval	100	08	40	z	27.0	+01	56	49	5	-	-	4	4	60	-	-	0
	Lizard	110	07	48	o	26.5	+00	58	52	5	-	-	8	8	18	-	-	0
	Scilly, St. Mary's	060	10	82	c	26.2	-03	60	56	5	-	-	7	7	27	-	-	0
	Guernsey	050	09	40	z	25.6	+01	57	53	5	-	-	8	4	20	1	16	0
	Aberporth	-	0	80	b	27.7	+01	53	50	-	-	-	0	0	0	-	-	0
6	Pembroke	030	10	82	b	27.6	+00	55	53	-	7	-	1	1	83	-	-	0
7	Holyhead (Valley)	020	03	01	of	27.4	+01	51	51	-	-	-	0	0	0	-	-	0
8	Manchester	-	0	80	bc	28.2	+02	50	45	5	-	-	4	4	45	1	25	0
	Squires Gate	090	03	32	bc	27.9	+00	51	47	5	3	-	5	1	50	-	-	0
	Silloth	230	11	56	o	27.1	-03	59	53	5	-	-	8	8	35	2	25	0
9	Finningley	-	0	06	bc	28.1	+04	47	44	5	-	-	5	5	40	-	-	0
10	Spurn Head	310	03	56	c	27.0	+00	54	51	5	-	-	7	7	14	-	-	0
	Leeming	-	0	82	ir	27.6	-01	52	45	6	-	-	8	8	30	5	20	0
	Tynemouth	360	08	32	c	27.6	-02	57	49	5	-	-	7	7	36	-	-	0
11	St. Abb's Head	360	02	80	c	27.7	+01	54	54	5	-	-	7	7	16	-	-	0
	Leuchars	070	03	82	c	27.9	+06	57	54	5	7	-	7	5	20	1	06	0
12	Eskdalemuir	-	0	82	o	27.3	+00	54	49	5	-	-	8	8	35	-	-	0
	Prestwick	~~300~~ 320	02	40	c	27.6	-03	56	54	6	-	3	7	4	50	4	14	0
	West Freugh	330	07	80	c	27.2	-01	57	56	5	-	-	7	7	12	-	-	0
	Ronaldsway	-	0	83	b	27.7	+01	54	52	6	3	1	1	1	06	-	-	0
13A	Tiree	360	13	81	o	28.9	-01	55	52	6	-	-	8	8	20	4	09	0
13B	Benbecula	060	06	81	o	29.5	-04	54	52	6	-	-	8	8	19	5	11	1
	Stornoway	360	08	81	o	29.9	+01	54	52	5	-	-	8	6	15	-	-	1
	Cape Wrath	360	02	82	o	29.6	+01	52	50	5	-	-	8	8	25	-	-	1
	Sule Skerry	360	09	81	o	28.9	+00	53	53	5	-	-	8	8	15	-	-	1
14	Loch Rannoch																	
15	Dyce	320	07	56	o	27.8	+01	53	52	7	-	-	8	7	08	1	04	1
	Lossiemouth	340	10	07	id	28.4	+03	54	52	7	2	-	8	8	15	7	06	1
	Wick	330	05	64	id	28.3	+01	52	50	5	-	-	8	8	12	-	-	0
16	Lerwick	160	12	80	o	27.3	+06	52	50	5	-	-	8	8	15	-	-	1
17	Blacksod Point	340	07	80	o	30.6	-03	58	57	7	-	-	8	8	17	-	-	0
18	Malin Head	340	09	81	do/o	29.5	-02	55	53	5	-	-	7	7	11	-	-	0
	Aldergrove	320	05	56	o	28.5	-05	56	54	6	-	-	8	8	08	4	04	1
	Castle Archdale	350	11	81	o	29.2	+00	57	57	7	-	-	8	8	10	-	-	0
19	Birr Castle *	100	05	81	o	28.8	+02	58	55	5	2	-	8	6	35	-	-	0
	Colbinstown *	330	05	82	c	28.8	-02	56	52	2	-	-	7	7	25	-	-	0
	Rineanna *	360	05	82	o	29.9	+01	57	54	5	-	-	8	7	42	1	18	0
20	Valentia *	050	03	81	jp	29.9	+01	58	55	8	-	-	7	4	18	-	-	0
	Midleton *	-	0	81	c	29.2	+03	55	52	5	-	-	7	7	45	-	-	0

OBSERVATIONS Thursday NIGHT

District	Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
0	Kew	czo czo c	49	39	-
	London Airport	czo bmo wc mo	45	40	-
1	Lympne	cc idoc	52	52	TR
	Tangmere	b bc mo czo	46	43	-
	Calshot	bczo bc b bmo	49	49	-
	Boscombe Down	bcz cbcb	45	41	-
2	Felixtowe	oco oc	53	52	-
	Gorleston	om oc	53	53	-
	West Raynham	c	51	48	-
	Mildenhall	c	50	47	-
3	Cranfield	bmo cmoc	45	38	-
	Elmdon	bmo bf bmzo	39	32	-
	Wittering	b bc mo b oc	44	44	-
	Watnall	bmo cmoz bczo	42	34	-
4	Little Rissington	bbcb	46	38	-
	Ross-on-Wye	czo bmw bzo	46	*	-
	Shawbury	bw bfgw bfwb	44	36	-
5	Bristol	bcwb	45	35	TR
	Exeter	cmo bcmo bmo wb	48	39	-
	Portland Bill	obc bc	54	*	-
	Plymouth	cbcb	53	48	-
	Chivenor	bccbbzoy	53	45	-
	St. Eval	cbcbzo bczo czo bzo	52	47	-
	Lizard	bccz	55	*	-
	Scilly, St. Mary's	cbcc	58	*	-
	Guernsey	bcz cz	56	55	-
	Aberporth	bwb	51	38	-
6	Pembroke	bcb	53	*	-
7	Holyhead (Valley)	bbfc	46	39	-
8	Manchester	bc b c	44	36	-
	Squires Gate	bbw bccmo	45	37	-
	Silloth	bcc	55	45	-
9	Finningley	b bmo bcm czo c	40	32	-
10	Spurn Head	cbc	52	*	-
	Leeming	bcir idoc	53	41	TR
	Tynemouth	ccmo cido cmo	54	46	TR
11	St. Abb's Head	c	51	*	-
	Leuchars	ccdodo	56	55	TR
12	Eskdalemuir	bcc	53	52	-
	Prestwick	bcbbcc	53	48	-
	West Freugh	bbcc	50	41	-
	Ronaldsway	bbwb	48	39	-
13A	Tiree	oidoc	53	53	TR
13B	Benbecula	cidomoc	53	52	0.4
	Stornoway	cdodo idoc	53	51	0.1
	Cape Wrath	dfo	50	48	0.1
	Sule Skerry	c	53	52	0.5
14	Loch Rannoch				
15	Dyce	cidomo	53	53	0.5
	Lossiemouth	cqpd c	52	52	0.5
	Wick	cid ido	51	51	0.1
16	Lerwick	cidoc	49	45	TR
17	Blacksod Point	c	57	49	0.1
18	Malin Head	d	54	*	TR
	Aldergrove	cdodo cdo cdo	55	50	TR
	Castle Archdale	cdodo ido	57	56	0.1
19	Birr Castle *	b	54	47	-
	Colbinstown *	b	51	44	-
	Rineanna *	b	57	46	-
20	Valentia *	b	57	50	TR
	Midleton *	b	45	37	-

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 9th July 1949

No. 32006.

OBSERVATIONS at 12h. G.M.T. 8th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew	070	06	46	b	26·3	-11	64	45	1	-	-	2	2	38	-	-
	London Airport	030	07	64	bc	26·5	-10	66	46	6	-	-	4	4	35	-	-
1	Lympne	040	13	81	0	26·3	-02	57	48	5	-	-	8	8	30	-	-
	Tangmere	080	07	48	b	26·2	-10	64	46	1	-	-	2	2	45	-	-
	Calshot	160	04	56	b	26·4	-06	62	46	-	-	-	0	0	0	-	-
	Boscombe Down	050	06	81	b	26·0	-10	67	44	-	-	-	0	0	0	-	-
2	Felixtowe	090	15	81	b	26·4	-04	62	51	1	-	-	2	2	30	-	-
	Gorleston	360	10	80	c	26·3	-01	61	50	5	-	-	6	-	25	-	-
	West Raynham	020	17	82	c	26·5	-07	60	47	5	-	-	6	6	22	-	-
	Mildenhall	010	07	83	bc	26·8	-07	65	47	1	-	-	3	3	40	-	-
3	Cranfield	090	11	80	bc	26·6	-09	64	47	1	-	-	5	5	25	-	-
	Elmdon	360	07	81	bc	27·2	-07	63	51	5	-	-	5	5	23	-	-
	Wittering	070	11	81	c	28·1	-09	65	49	5	-	-	6	6	25	-	-
	Watnall	050	05	81	c	27·8	-09	66	49	5	-	-	7	6	28	-	-
4	Little Rissington	070	16	81	b	26·6	-10	61	48	1	-	-	2	2	20	-	-
	Ross-on-Wye	070	12	80	b	27·0	-08	69	49	2	-	-	2	2	35	-	-
	Shawbury	020	05	80	c	27·3	-08	67	48	8	-	-	7	4	40	3	25
5	Bristol	020	08	82	b	26·6	-09	69	46	1	-	-	1	1	25	-	-
	Exeter	070	05	81	b	26·3	-09	67	51	-	-	-	0	0	0	-	-
	Portland Bill	100	09	81	b	27·0	+01	62	52	-	-	-	0	0	0	-	-
	Plymouth	200	09	80	b	25·8	-04	65	55	1	-	-	1	1	25	-	-
	Chivenor	020	13	69	b	26·6	-06	70	51	-	-	-	0	0	0	-	-
	St. Eval	010	09	40	2	26·5	-07	67	52	-	-	-	0	0	0	-	-
	Lizard	160	02	40	2	25·9	-06	66	53	5	-	-	1	1	25	-	-
	Scilly, St. Mary's	050	09	98	bc	26·7	-01	67	55	5	-	-	4	4	40	-	-
	Guernsey	040	15	40	c/d	25·8	-02	61	63	8	7	2	7	5	18	3	08
	Aberporth	030	07	80	b	27·1	-06	65	55	-	-	-	0	0	0	-	-
6	Pembroke	350	08	64	b	28·3	+04	65	55	1	-	9	2	1	25	-	-
7	Holyhead (Valley)	340	09	81	b	27·1	-08	65	53	5	-	1	2	2	25	-	-
8	Manchester	300	05	18	0	~~[illegible]~~ 27·9	-05	63	51	5	-	-	8	8	45	2	25
	Squires Gate	220	07	40	c	28·1	-04	65	~~56~~ 54	5	-	-	7	7	50	-	-
9	Silloth	260	10	80	c	27·8	+00	63	55	8	-	-	7	7	60	1	25
	Finningley	020	06	81	c	27·1	-07	68	49	5	-	-	7	7	30	-	-
10	Sparn Head	020	08	56	0	28·0	+00	63	54	5	-	-	8	8	20	-	-
	Leeming	020	10	50	0	27·6	-06	62	53	6	-	-	8	~~7~~ 8	25	3	25
	Tynemouth	360	05	56	c	28·4	+00	61	55	5	-	-	6	6	28	-	-
11	St. Abb's Head	360	02	81	c	28·3	+06	55	53	5	-	-	7	7	27	-	-
	Leuchars	110	01	81	c/d	28·5	-01	57	53	7	-	-	8	8	20	2	09
12	Eskdalemuir	030	04	81	0	27·2	-01	63	53	5	-	-	8	8	35	-	?
	Prestwick	260	09	56	c	27·3	-05	66	55	1	3	2	6	1	25	-	-
	West Freugh	360	07	83	c	26·8	-07	67	56	2	-	8	6	4	22	-	-
	Ronaldsway	100	10	82	b	28·0	+01	63	56	2	-	8	2	1	20	1	04
13A	Tiree	360	15	84	bc	28·5	-05	61	54	5	-	2	5	2	15	1	07
13B	Benbecula	020	10	83	c	29·8	-03	63	52	5	-	-	6	6	22	-	-
	Stornoway	~~355~~ 050	11	82	bc	29·9	-03	62	55	8	-	-	3	1	45	3	25
	Cape Wrath	060	09	83	c	30·0	+04	53	50	5	-	-	7	7	30	-	-
	Sule Skerry	360	09	82	c	29·9	+08	57	49	5	-	-	7	7	30	-	-
14	Loch Rannoch																
15	Dyce	010	10	81	c	28·4	+00	57	50	5	-	-	7	7	30	5	22
	Lossiemouth	070	05	82	c	29·0	+03	57	50	2	-	-	6	5	23	-	-
	Wick	~~040~~ 020	09	83	c	29·4	+03	56	47	5	-	-	7	7	23	-	-
16	Lerwick	020	14	82	bc	27·7	-01	56	50	5	-	2	3	2	22	-	-
17	Blacksod Point	340	10	22	9	30·8	-01	60	56	6	-	-	8	8	19	-	-
18	Malin Head	340	05	54	0/d	29·3	-01	56	54	6	-	-	8	8	11	-	-
	Aldergrove	350	07	81	c	28·5	-03	61	54	6	-	2	7	6	20	4	14
	Castle Archdale	050	09	83	c	28·6	-04	61	56	5	-	-	7	7	25	5	18
19	Birr Castle *	270	05	50	0	28·6	-09	63	58	6	2	-	8	6	25	-	-
	Collinstown *	030	05	80	0	28·2	-06	62	57	8	-		8	6	16	-	-
	Rineanna *	340	05	81	p/0	29·3	-07	64	57	3	-	-	8	5	15	1	12
20	Valentia *	350	10	82	0	29·4	-06	62	55	8	-	-	8	5	35	3	24
	Midleton *	360	07	82	c	28·3	-07	66	57	8	-	-	7	5	27	-	-

* Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 8th July

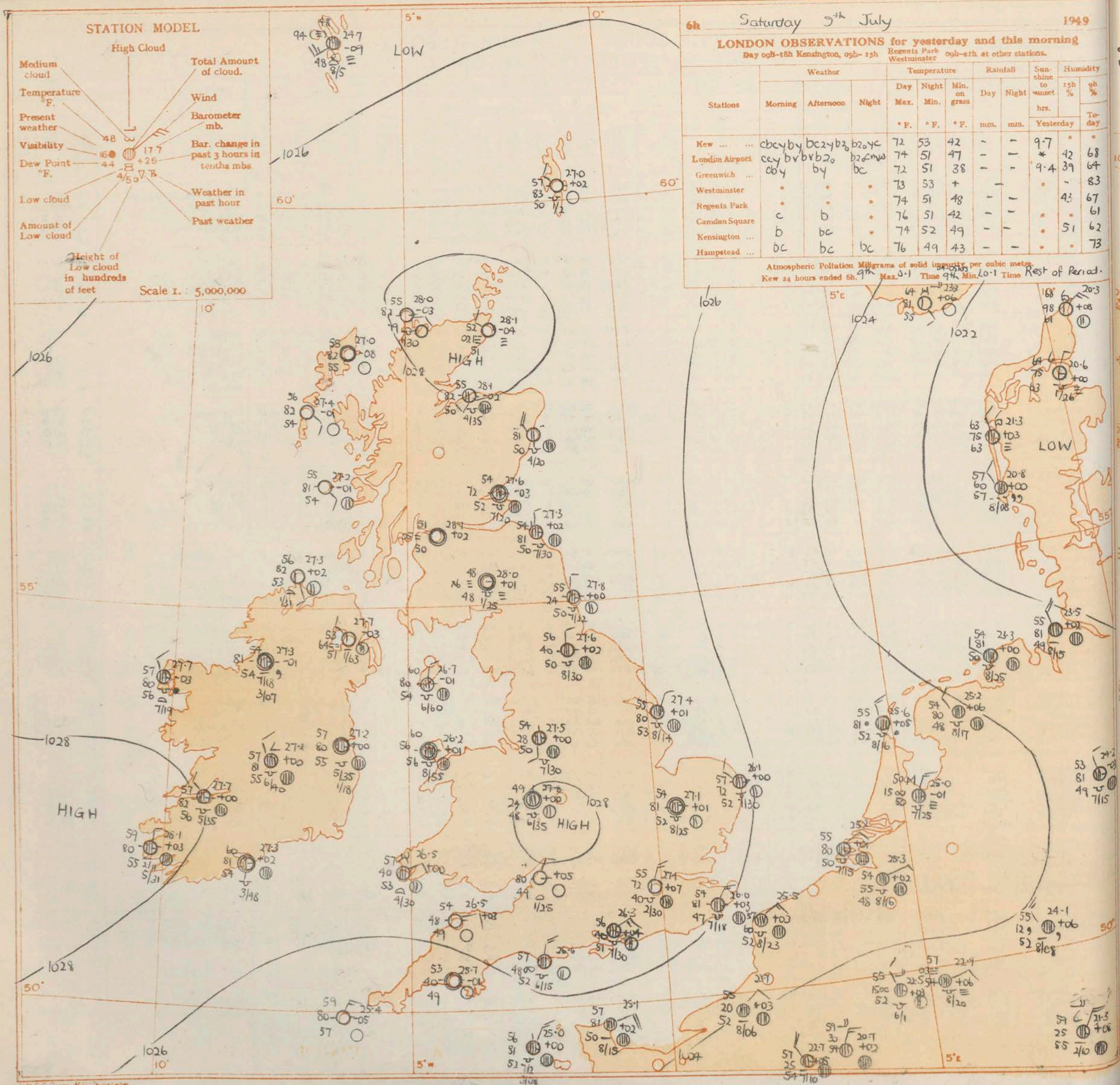
District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt 0-8 (31)	Cloud Lowest layer Ht. (32)	21h State of ground (33)	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
0	Kew	110	09	30	bc	24·8	-03	70	48	1	-	-	3	3	35	-	-	0	cbcy bybczyb20y	72	9·7	-
	London Airport	030	08	80	b	24·5	-06	72	48	4	-	-	2	2	50	-	-	0	ccybvbb20	74	*	-
1	Lympne	040	11	82	b	25·3	-00	60	48	-	-	-	0	0	0	-	-	0	cbcbyb	65	6·2	-
	Tangmere	170	08	56	b	24·8	-03	62	52	-	-	-	0	0	0	-	-	0	bc20bybbmo	68	10·2	-
	Calshot	170	07	80	b	24·7	-07	63	53	-	-	-	0	0	0	-	-	0	bbyb	65	14·2	-
	Boscombe Down	030	04	81	b	24·4	-05	71	44	-	-	-	0	0	0	-	-	0	bby	72	14·5	-
2	Felixtowe	080	19	82	b	25·6	-03	62	52	-	-	-	0	0	0	-	-	0	cbb	64	10·8	-
	Gorleston	050	10	80	c	25·8	-02	60	50	5	-	-	6	6	26	-	-	0	cbcycbc	64	~~8·5~~	-
	West Raynham	010	12	81	bc	26·2	-05	58	48	5	-	-	3	3	25	-	-	0	cbcb	63	10·7	-
	Mildenhall	360	03	82	b	25·9	+02	66	46	1	-	-	1	1	60	-	-	0	cbcy byb	70	11·5	-
3	Cranfield	040	11	81	b	25·4	+00	67	48	4	-	-	2	2	30	-	-	0	cbcyb	69	12·2	-
	Elmdon	020	08	81	c	25·7	-03	68	50	5	-	-	7	7	45	-	-	0	b20cy bcb	71	*	-
	Wittering	070	09	81	b	26·4	+01	64	52	5	-	-	2	2	30	-	-	0	cybcyb	67	9·7	-
	Watnall	050	08	80	c	26·0	-01	67	48	8	3	-	6	4	50	2	30	0	ccybc	71	6·9	-
4	Little Rissington	070	09	82	b	25·3	-04	66	49	1	-	-	2	2	~~35~~ 40	-	-	0	bbcyb	68	13·3	-
	Ross-on-Wye	020	09	80	b	25·9	-02	69	47	8	-	-	2	2	35	-	-	0	bbybcyb	71	14·0	-
	Shawbury	020	08	48	0	26·1	+00	68	48	5	-	-	8	8	60	-	-	0	bycyc	71	5·6	-
5	Bristol	090	05	81	b	24·9	-01	70	47	5	-	-	1	1	30	-	-	0	by	73	14·0	-
	Exeter	180	05	80	b	25·1	+01	~~55~~ 64	54	-	-	-	0	0	0	-	-	0	bbyb	72	14·0	-
	Portland Bill	150	05	80	b	26·2	+00	59	53	-	-	-	0	0	0	-	-	0	b	62	•	-
	Plymouth	250	05	81	b	25·5	+01	60	52	-	-	-	0	0	0	-	-	0	byb	69	13·9	-
	Chivenor	360	10	56	b	25·1	-02	69	51	-	-	-	0	0	0	-	-	0	by	74	14·1	-
	St. Eval	010	10	32	2	25·6	+01	63	56	6	-	-	1	1	10	-	-	0	b20yb	69	12·6	-
	Lizard	-	0	56	b	25·6	-01	63	54	-	-	-	0	0	0	-	-	0	bc2b	66	11·8	-
	Scilly, St. Mary's	020	13	48	b	25·9	-02	64	57	1	-	-	1	1	20	-	-	0	cbb	68	9·4	-
	Guernsey	060	10	81	bc	24·8	-05	59	52	8	-	4	3	2	30	1	12	0	cmo1d0cbcb	61	2·5	Tr
	Aberporth	320	06	80	b	26·6	-03	61	56	-	-	-	0	0	0	-	-	0	b	65	14·1	-
6	Pembroke	350	10	80	bc	25·8	-05	66	53	-	7	-	4	4	83	-	-	0	bcmbbc	68	13·7	-
7	Holyhead (Valley)	350	11	81	bc	26·5	+02	64	56	5	-	-	4	4	45	-	-	0	cbbcb	67	10·9	-
8	Manchester	-	0	20	c	26·0	-05	67	54	5	-	-	6	6	50	-	-	0	ccyc	~~59~~ 68	3·1	-
	Squires Gate	320	04	64	c	26·8	-03	65	51	5	-	-	7	7	50	-	-	0	c20yc20	67	0·7	-
9	Silloth	260	01	56	0	27·0	-00	62	57	5	-	-	8	8	40	1	30	0	bcc	67		-
	Finningley	070	05	81	bc	26·5	-00	66	52	8	4	-	3	1	30	-	-	0	cyb	70	6·2	-
10	Sparn Head	050	05	80	b	27·0	-10	62	51	1	-	-	2	2	35	-	-	0	cbcc	66	8·5	-
	Leeming	050	08	40	bc	26·9	+00	62	53	1	3	2	3	1	-	1	35	0	c20bccmo	68	2·9	-
	Tynemouth	360	05	80	c	28·0	+01	58	53	5	-	-	7	7	28	-	-	0	c1domoc	62	•	Tr
11	St. Abb's Head	-	0	82	c	27·7	-07	59	54	5	-	-	6	6	35	-	-	0	c	61		Tr
	Leuchars	090	06	82	c	27·9	-04	60	53	8	-	-	7	7	25	2	12	1	c0d0d0d0c	62	2·4	Tr
12	Eskdalemuir	020	05	81	0	27·1	+02	60	54	5	-	-	8	8	30	-	-	1	cc1dc	64	0·0	Tr
	Prestwick	280	08	69	0	26·7	-03	63	57	8	-	-	8	6	50	-	-	0	c	67	6·1	-
	West Freugh	350	06	82	c	26·6	+01	63	56	5	3	-	7	6	70	1	25	0	cbccbc	69		-
	Ronaldsway	170	06	81	b	26·8	-04	63	49	1	-	2	1	1	25	-	-	0	bbcb	65	14·9	-
13A	Tiree	360	12	84	bc	27·3	-09	62	55	8	-	-	5	5	35	1	25	0	cbccv	62	5·6	-
13B	Benbecula	050	07	82	c	28·7	-06	62	53	5	-	-	6	6	24	1	18	0	cbcb	65	3·9	-
	Stornoway	050	10	82	b	29·3	-04	59	54	5	-	-	2	2	25	-	-	0	cbcb	62	10·8	-
	Cape Wrath	050	02	83	0	30·6	+04	53	49	5	-	-	8	7	30	-	-	0	cpb	55	•	-
	Sule Skerry	360	02	82	0	29·9	+00	57	51	5	-	-	8	8	20	-	-	0		58	•	-
14	Loch Rannoch																					
15	Dyce	350	10	82	bc	27·6	-03	59	50	5	-	-	5	5	25	-	-	1	c1cbmobcc	59	3·9	Tr
	Lossiemouth	070	05	82	b	28·3	-06	56	49	5	-	-	1	1	35	-	-	0	bcc	59	5·3	-
	Wick	020	06	82	0	28·8	-03	57	50	5	-	-	8	8	22	-	-	0	c1doc	59	2·4	Tr
16	Lerwick	350	14	82	b	27·3	-00	60	53	-	-	2	1	0	0	-	-	0	cbcb	61	-	
17	Blacksod Point	340	13	78	1d0	29·6	-07	59	57	7	-	-	8	8	19	-	-	1	cd	61	0·5	0·3
18	Malin Head	340	02	82	c	28·1	-06	58	51	5	-	-	7	7	26	-	-	0	dc	58		0·1
	Aldergrove	320	09	64	bc	27·7	-01	60	54	5	4	2	5	4	18	-	-	0	cbc	65	2·5	-
	Castle Archdale	050	09	81	c	27·9	-06	60	54	5	-	9	7	4	20	-	-	0	c1d0cc1d0c	61	0·8	Tr
19	Birr Castle *	340	05	81	0	26·9	-07	65	58	5	2	-	8	6	35	-	-	0	d	66	0·0	0·2
	Collinstown *	-	0	81	0/d	27·1	-05	60	54	6	-	-	8	4	28	1	08	0	d	61	0·3	0·1
	Rineanna *	350	13	81	0	26·0	-07	65	56	8	-	-	8	6	38	1	27	0	prc	67	0·1	-
20	Valentia *	020	06	82	c	28·7	-04	63	55	4	-	1	7	5	25	-	-	0	c	66	0·7	-
	Midleton *	010	08	81	0	27·0	-06	65	57	8	-	-	8	5	40	3	26	0	c	68	3·0	-

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← → Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Saturday 9th July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–17h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % To-day
Kew	cbcyby	bc2yb3	b2oyc	72	53	42	–	–	9·7	•	•
London Airport	ccy	bvbvb2o	b2ϵmw	74	51	47	–	–	*	42	68
Greenwich ...	cby	by	bc	72	51	38	–	–	9·4	39	64
Westminster	•	•	•	73	53	+	–		•	–	83
Regents Park	•	•	•	74	51	48	–	–		43	67
Camden Square	c	b	•	76	51	42	–	–	•	•	61
Kensington ...	b	bc	•	74	52	49	–	–	•	51	62
Hampstead ...	bc	bc	bc	76	49	43	–	–	•	•	73

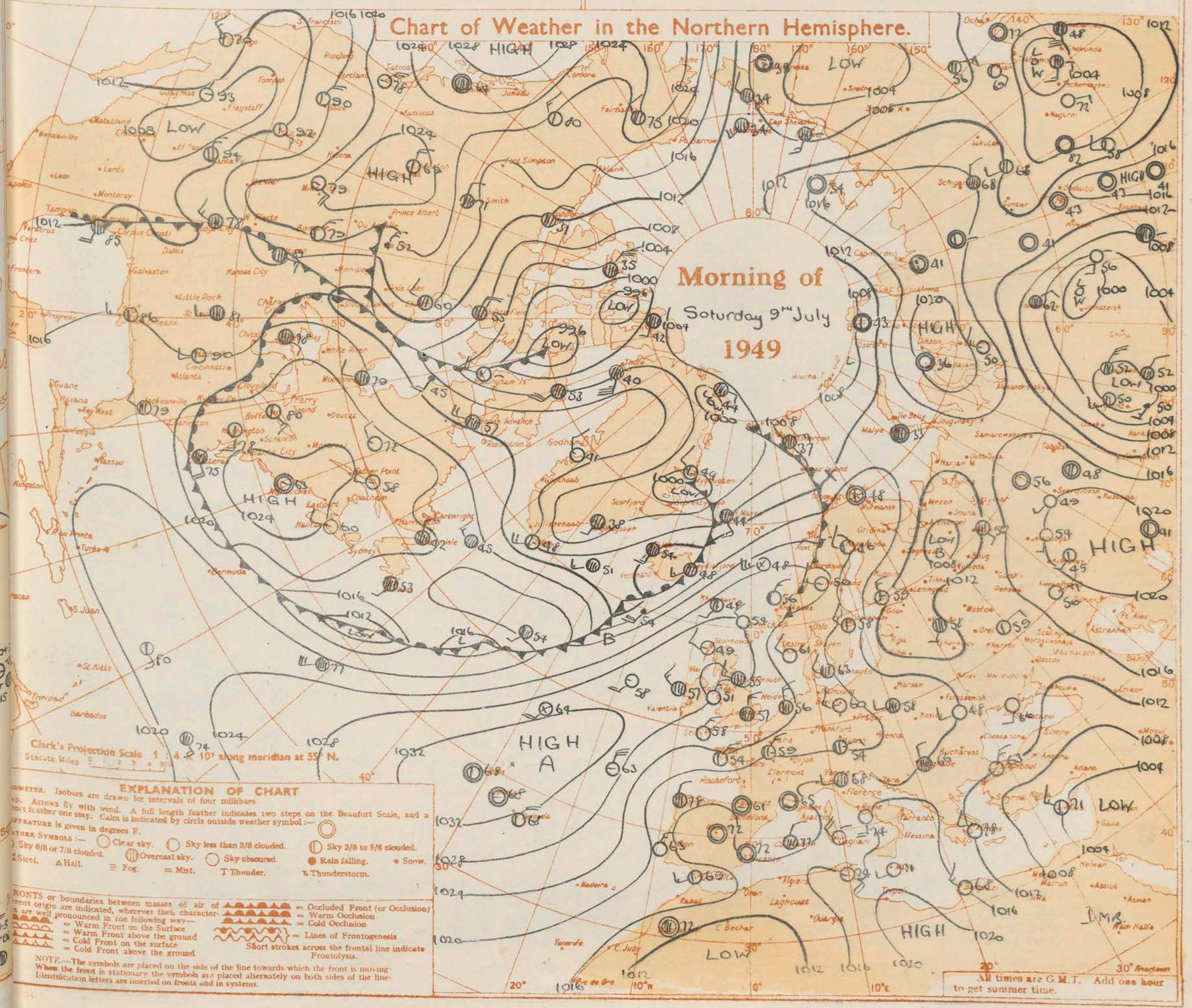
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 9th Max. 0·1 Time 9th Min. 0·1 Time Rest of Period.

GENERAL INFERENCE

Pressure is almost uniform over the British Isles.
Weather will be fair in most places but there will be a good deal of cloud in some Eastern districts at first with a little drizzle in the Northern part of East Anglia.
Temperatures will be about normal for the time of year.

FURTHER OUTLOOK

Continuing fair in most places.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

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

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 9th July 1949
No. 32006

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

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	54	•	•	•	•	•	•	•	•	
	London Airport	82	110	05	32	b	26·8	+05	55	50	-	-	-	0	0	0	-	-
1	Lympne ...	341	040	06	80	c	26·2	+00	52	50	5	-	-	7	1	15	-	-
	Tangmere ...	53	020	04	40	b	26·1	+03	50	47	5	-	-	7	1	35	-	-
	Calshot ...	8	-	0	64	b	26·0	+06	58	52	-	-	-	0	0	0	-	-
	Boscombe Down	414	100	01	80	b	26·2	+10	53	50	-	-	-	0	0	0	-	-
2	Felixtowe ...	10	360	04	81	b	26·5	+00	51	47	-	-	-	0	0	0	-	-
	Gorleston ...	5	360	10	72	0	26·5	+04	57	50	5	-	-	8	8	30	-	-
	West Raynham	250	000	10	81	c	26·9	+02	58	50	5	-	-	7	7	15	-	-
	Mildenhall ...	15	-	0	80	b	26·4	-06	42	42	5	-	-	1	1	50	-	-
3	Cranfield ...	340	030	09	48	b	26·7	+04	50	47	-	-	-	0	0	0	-	-
	Elmdon ...	328	-	0	48	b	27·2	+07	48	46	-	-	-	0	0	0	-	-
	Wittering ...	236	-	0	80	b	27·9	+03	48	47	5	-	-	1	1	30	-	-
	Watnall ...	366	-	0	48	b	28·0	+05	48	46	-	-	-	0	0	0	-	-
4	Little Rissington	740	070	05	80	b	27·0	+04	53	49	-	-	-	0	0	0	-	-
	Ross-on Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	070	03	32	bc	27·3	+06	57	51	5	-	-	4	4	60	-	-
5	Bristol ...	209	-	0	80	b	26·4	+10	52	46	-	-	-	0	0	0	-	-
	Exeter ...	100	-	0	40	b	26·4	+08	50	48	-	-	-	0	0	0	-	-
	Portland Bill	32	-	0	81	b	26·5	+03	57	53	-	-	-	0	0	0	-	-
	Plymouth ...	90	110	02	40	b	25·9	+02	52	51	-	-	-	0	0	0	-	-
	Chivenor ...	20	-	0	48	b	26·0	+05	55	53	-	-	-	0	0	0	-	-
	St. Eval ...	336	050	02	64	b	26·2	+03	58	53	-	-	-	0	0	0	-	-
	Lizard ...	240	-	0	64	b	25·7	+04	57	53	-	-	-	0	0	0	-	-
	Scilly, St. Mary's	165	030	10	82	b	26·4	+07	58	55	-	-	-	0	0	0	-	-
	Guernsey ...	340	030	05	64	b	25·8	+03	54	52	-	-	-	0	0	0	-	-
	Aberporth ...	375	-	0	80	bc	26·7	+01	53	53	5	-	-	4	4	60	-	-
6	Pembroke ...	142	050	05	81	b	26·5	-01	57	53	1	-	-	2	1	35	-	-
7	Holyhead (Valley)	32	010	07	56	bc	26·1	-03	54	50	5	-	-	3	3	50	-	-
8	Manchester ...	230	-	0	24	b	27·3	+06	54	52	6	-	-	1	1	40	-	-
	Squires Gate...	33	020	07	48	c	27·1	+01	58	54	5	3	-	7	5	80	6	65
	Silloth ...	25	070	07	56	0	27·8	+04	59	54	5	-	-	8	8	32	-	-
9	Finningley ...	52	-	0	56	c	28·0	+04	52	50	5	-	-	6	4	19	2	15
10	Spurn Head ...	29	360	03	80	0	27·6	+06	56	53	5	-	-	8	8	20	-	-
	Leeming ...	105	360	02	32	0	28·1	+03	56	53	5	-	-	8	8	11	-	-
	Tynemouth ...	108	310	02	56	c	28·5	+03	55	49	5	-	-	7	7	26	-	-
11	St. Abb's Head	280	-	0	81	c	28·4	+01	54	51	5	-	-	6	6	30	-	-
	Leuchars ...	36	-	0	81	c	28·6	+03	53	52	5	3	-	6	4	30	2	18
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	-	0	48	0	27·7	+04	61	56	5	-	-	8	8	60	4	50
	West Freugh...	52	310	05	64	c	26·9	-02	54	54	-	3	-	6	6	83	-	-
	Ronaldsway ...	55	-	0	32	b	27·2	-01	51	49	-	3	-	1	1	83	-	-
13A	Tiree ...	29	050	08	83	b	27·9	+05	54	52	5	-	-	7	1	45	-	-
13B	Benbecula ...	16	-	0	82	b	28·6	+02	52	49	6	-	-	1	1	07	-	-
	Stornoway ...	10	310	05	81	b	28·8	-03	49	49	6	-	1	1	1	10	-	-
	Cape Wrath ...	367	050	05	83	b	29·0	-02	53	49	4	-	-	1	1	30	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	350	12	80	0	28·4	-01	53	50	5	-	-	8	8	12	-	-
	Lossiemouth...	21	020	05	81	0	29·2	+00	55	50	5	-	-	8	8	20	-	-
	Wick ...	119	330	06	81	b	29·2	+01	47	47	-	-	1	1	-	-	-	-
16	Lerwick ...	289	350	04	83	b	27·4	+00	54	49	-	-	-	0	0	0	-	-
17	Blacksod Point	18	340	07	80	cl	29·2	-04	57	54	7	-	-	8	8	19	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	-	0	48	b	28·4	+06	50	49	5	-	-	1	1	20	-	-
	Castle Archdale	225	-	0	81	dodo	28·0	-02	55	53	5	-	-	8	8	15	2	08
19	Birr Castle ... *	187	340	06	81	0	27·5	+02	60	56	4	2	-	8	6	30	-	-
	Colbinstown ... *	226	-	0	81	0	27·6	+03	58	55	5	-	-	8	5	25	-	-
	Rineanna ... *	16	010	04	81	c	28·4	+00	59	55	5	-	-	7	6	32	1	20
20	Valentia ... *	30	010	04	81	c	28·6	-02	60	57	6	-	-	7	5	22	2	11
	Midleton ... *	30	340	09	81	c	27·5	+02	60	55	6	-	-	7	6	42	2	22

* Rainfall read at 0600.

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

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer Ht. (32)	9 h. State of ground (33)
Kew ...	070	05	46	c	27·1	+03	55	47	5	-	-	7	7	38	1	28	0
London Airport	040	08	72	b	27·1	+07	55	46	5	-	-	2	2	30	-	-	0
Lympne ...	050	09	81	c	26·0	+03	54	47	5	-	-	7	7	18	-	-	0
Tangmere ...	050	07	48	b	26·3	+04	55	50	5	-	-	1	1	30	-	-	0
Calshot ...	060	10	40	z	26·3	+04	56	51	5	-	-	7	7	30	-	-	0
Boscombe Down	350	02	64	bc	26·6	+04	50	47	6	-	-	5	5	04	-	-	0
Felixtowe ...	350	03	81	c	26·2	+01	55	51	5	-	-	7	7	30	-	-	0
Gorleston ...	310	05	72	c	26·1	+00	57	52	5	-	-	7	7	30	-	-	0
West Raynham	-	0	81	ido	26·7	+01	55	51	5	-	-	8	8	18	-	-	0
Mildenhall ...	-	0	81	0	27·1	+01	54	52	5	-	-	8	8	25	-	-	0
Cranfield ...	030	02	40	0	27·2	+02	50	48	5	-	-	8	8	25	-	-	0
Elmdon ...	-	0	24	c	27·8	+00	49	48	5	-	-	6	6	35	-	-	0
Wittering ...	-	0	80	0	27·6	+01	52	50	5	-	-	8	8	30	4	20	0
Watnall ...	-	0	14	0	27·7	-02	54	49	5	-	-	8	8	35	7	20	0
Little Rissington	050	03	81	b	27·6	+02	50	46	-	4	-	1	1	83	-	-	0
Ross-on Wye	360	01	34	z	28·0	+00	49	47	5	-	-	7	7	35	-	-	0
Shawbury ...	090	02	24	c	27·5	+01	53	50	5	-	-	7	7	50	-	-	0
Bristol ...	050	05	80	b	27·2	+05	52	49	1	-	-	1	1	55	-	-	0
Exeter ...	050	02	32	b	26·6	+01	47	46	-	-	-	0	0	0	-	-	0
Portland Bill	360	03	48	z	26·6	-	57	52	5	-	-	6	6	15	-	-	0
Plymouth ...	-	0	40	b	25·7	-01	53	49	-	-	-	0	0	0	-	-	0
Chivenor ...	090	05	48	b	26·5	+03	54	49	-	-	-	0	0	0	-	-	0
St. Eval ...	-	0	48	z	26·3	+03	56	51	-	-	-	0	0	0	-	-	0
Lizard ...	-	0	40	b	25·4	+00	56	54	-	-	-	0	0	0	-	-	0
Scilly, St. Mary's	050	08	81	b	25·4	-05	59	57	-	-	-	0	0	0	-	-	0
Guernsey ...	050	10	81	c	25·0	+00	56	52	5	-	-	7	7	12	3	08	0
Aberporth ...	180	03	80	c	26·4	+00	58	53	5	-	-	7	7	30	-	-	0
Pembroke ...	070	06	40	c	26·5	+00	57	53	1	6	-	6	4	30	-	-	0
Holyhead (Valley)	-	0	56	0	26·2	+01	60	56	5	-	-	8	8	55	-	-	0
Manchester ...	180	04	28	c	27·5	+00	54	50	5	-	-	7	7	30	-	-	0
Squires Gate...	100	09	16	c	27·3	+04	58	53	5	-	-	7	7	70	-	-	0
Silloth ...	-	0	81	b	27·7	+04	54	51	-	-	-	0	0	0	-	-	0
Finningley ...	-	0	16	0	27·8	+10	56	52	5	-	-	8	8	30	4	25	0
Spurn Head ...	020	03	80	0	27·4	+01	55	53	5	-	-	8	8	14	-	-	1
Leeming ...	360	04	40	0	27·6	+02	56	50	5	-	-	8	8	30	-	-	1
Tynemouth ...	360	02	24	c	27·8	+00	55	50	5	-	-	7	7	22	-	-	0
St. Abb's Head	360	02	81	c	27·3	+02	54	50	5	-	-	7	7	30	-	-	0
Leuchars ...	-	0	72	c	27·6	-03	54	52	5	-	-	7	7	20	-	-	0
Eskdalemuir...	-	0	x6	bf	28·0	+01	48	48	5	-	-	1	1	25	-	-	1
Prestwick ...	-	0	48	b	27·4	-03	57	53	-	-	-	0	0	0	-	-	0
West Freugh...	310	05	80	bc	26·8	+02	51	51	-	3	-	4	4	84	-	-	0
Ronaldsway ...	010	06	80	c	26·7	-01	60	54	5	-	-	6	6	60	-	-	0
Tiree ...	130	05	81	b	27·2	-01	55	54	-	-	-	0	0	0	-	-	0
Benbecula ...	120	05	82	b	27·4	-01	56	54	-	-	-	0	0	0	-	-	0
Stornoway ...	-	0	82	b	27·0	-08	55	55	-	-	-	0	0	0	-	-	0
Cape Wrath ...	090	02	82	b	28·0	-03	55	49	4	-	-	1	1	30	-	-	0
Sule Skerry ...	-	0	80	bc	27·5	-05	54	52	6	-	-	3	3	20	-	-	0
Loch Rannoch																	
Dyce ...	330	12	81	bc	27·4	-02	53	50	5	-	-	4	4	20	-	-	0
Lossiemouth...	200	05	82	bc	28·1	-02	55	50	5	-	-	4	4	35	-	-	0
Wick ...	330	05	02	bf+	28·1	-04	52	51	-	-	-	0	0	0	-	-	0
Lerwick ...	310	08	83	b	27·0	+02	57	50	5	-	-	1	-	-	-	-	0
Blacksod Point	340	05	80	c	27·7	-03	57	56	8	-	-	7	7	19	-	-	1
Malin Head ...	160	02	82	b	27·3	+02	56	53	1	-	-	2	2	31	-	-	0
Aldergrove ...	300	01	64	b	27·7	-03	53	51	6	-	9	2	1	03	-	-	0
Castle Archdale	-	0	81	c	27·3	-01	54	54	6	-	-	7	7	18	3	07	1
Birr Castle ... *	340	05	81	0	27·2	+00	57	55	5	1	-	8	6	40	-	-	0
Colbinstown ... *	-	0	80	c	27·2	+00	57	55	5	-	-	7	5	35	1	18	0
Rineanna ... *	330	04	82	c	27·7	+00	57	55	5	-	-	7	5	35	2	15	0
Valentia ... *	360	02	80	c	28·1	+03	59	55	6	-	-	7	5	31	2	11	0
Midleton ... *	-	0	81	bc	27·3	+02	56	54	5	-	-	3	3	48	-	-	0

OBSERVATIONS Friday NIGHT

Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew ...	b2oyc	53	42	-
London Airport	b2o cmo cbc	51	47	-
Lympne ...	bcbc	49	43	-
Tangmere ...	bmo cmo cb	45	43	-
Calshot ...	bbccmobc	54	50	-
Boscombe Down	bybbcb	48	39	-
Felixtowe ...	bybcwc	50	43	-
Gorleston ...	bccocido o	56	53	TR
West Raynham	bcido do domo	48	35	TR
Mildenhall ...	bbcc, cido	41	32	-
Cranfield ...	bbmowc	43	38	-
Elmdon ...	bmo cmo b2o	42	35	-
Wittering ...	bc bcc	47	41	-
Watnall ...	bcbmo com	46	40	-
Little Rissington	b	47	40	-
Ross-on Wye	bmobo cmob	47		-
Shawbury ...	cbcwcwbc	52	46	-
Bristol ...	bybw	46	36	TR
Exeter ...	bb mowby	44	36	-
Portland Bill	bbc2bc2	53		-
Plymouth ...	bbmowby	49	45	-
Chivenor ...	byb	53	43	-
St. Eval ...	o	52	43	-
Lizard ...	b2b	54		-
Scilly, St. Mary's	bw	57		-
Guernsey ...	bbcc	54	49	-
Aberporth ...	bbcwcbcbc	52	43	TR
Pembroke ...	bcmobm	55		-
Holyhead (Valley)	bbccmob	55	50	-
Manchester ...	bbcc	48	41	-
Squires Gate...	ccmo 2o b2o	55	51	-
Silloth ...	cbcbbc	50	42	-
Finningley ...	b, cmo	52	46	-
Spurn Head ...	oco	53		TR
Leeming ...	cmoc	55	51	-
Tynemouth ...	ccmoc	54	49	-
St. Abb's Head	c	50		-
Leuchars ...	bcc	51	47	-
Eskdalemuir...	cbfgb	47	31	TR
Prestwick ...	cbcb	53	50	-
West Freugh...	bcbwfgb	46	36	-
Ronaldsway ...	bwfgcjfb	46	38	-
Tiree ...	cbcbw	50	39	-
Benbecula ...	bwb	49	39	-
Stornoway ...	cbcbfgwbwb		41	-
Cape Wrath ...	b	51	51	-
Sule Skerry ...		52	47	-
Loch Rannoch				
Dyce ...	cbc	50	49	-
Lossiemouth...	c	51	45	-
Wick ...	bwbfb	44	42	-
Lerwick ...	bbc	51		-
Blacksod Point	d, d.	54	45	1
Malin Head ...	bc	50		-
Aldergrove ...	ccmo.	45	41	-
Castle Archdale	ccdodoc	53	53	1
Birr Castle ... *	c	56	55	-
Colbinstown ... *	c	55	54	-
Rineanna ... *	c	54	46	-
Valentia ... *	c	58	55	-
Midleton ... *	c	54	45	-

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* Information not usually received.

Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 10th July 1949

No. 32207

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew	050	07	72	0	27.1	+00	53	49	5	-	-	8	8	35	-	-
	London Airport																
1	Lympne	040	08	81	0	27.1	+01	64	49	5	-	-	8	8	30	-	-
	Tangmere	060	11	84	bc	26.2	+00	65	48	5	-	-	3	3	30	-	-
	Calshot	080	11	81	b	25.3	-06	70	48	-	-	-	0	0	0	-	-
		180	03	80	b	26.3	-04	65	50	1	-	-	1	1	20	-	-
	Boscombe Down	060	08	81	c	26.0	-08	70	50	1	-	-	7	7	26	-	-
2	Felixtowe						-01 ~~-30~~										
	Gorleston	100	04	81	0	26.8		62	53	5	-	-	8	8	30	-	-
	West Raynham	020	08	72	0/d	26.5	-01	58	52	7	-	-	8	6	20	-	-
	Mildenhall	340	07	81	c	27.1	+03	59	47	5	-	-	7	7	20	-	-
		340	02	82	0	27.2	-04	61	53	5	-	-	8	8	35	5	25
3	Cranfield	050	08	80	0	26.7	-02	63	51	5	-	-	8	8	20	-	-
	Elmdon	070	05	48	bc	26.8	-00	67	55	5	-	-	5	5	25	-	-
	Wittering	030	09	80	0	27.1	-06	62	51	5	-	-	8	8	25	-	-
	Watnall	—	0	32	c	26.9	-11	66	53	5	-	-	6	6	25	-	-
4	Little Rissington	070	09	81	c	27.2	-03	65	51	6	-	-	7	5	35	2	35
	Ross-on-Wye	050	08	80	b	26.7	-07	70	52	1	-	-	1	1	35	-	-
	Shawbury	020	02	50	b	26.5	-10	71	51	1	-	-	1	1	25	-	-
5	Bristol	070	10	82	bc	26.6	-04	69	51	1	-	-	4	4	25	-	-
	Exeter	170	02	80	bc	26.2	-04	69	56	1	-	-	4	4	25	-	-
	Portland Bill																
	Plymouth	090	12	81	b	25.9	-01	70	51	5	-	-	1	1	35	-	-
	Chivenor	110	08	80	bc	26.2	-04	74	47	5	-	-	3	3	35	-	-
	St. Eval	350	08	80	bc	25.9	-04	70	55	1	-	-	5	5	30	-	-
	Lizard	150	03	56	b	26.1	+00	67	57	2	-	-	1	1	25	-	-
	Scilly, St. Mary's	090	10	48	b	26.5	+06	73	58	-	-	-	0	0	0	-	-
	Guernsey	030	18	81	0	25.6	-01	58	51	5	-	-	8	8	25	6	18
	Aberporth	330	05	80	c	26.7	+00	63	53	5	-	-	6	6	35	-	-
6	Pembroke	150	05	40	b	27.3	+04	65	58	-	-	-	0	0	0	-	-
7	Holyhead (Valley)	230	09	48	bc	26.6	+05	68	55	5	-	-	3	3	50	-	-
8	Manchester	330	03	36	b	26.5	-11	68	54	1	-	-	1	1	40	-	-
	Squires Gate	280	09	32	b	26.9	-03	70	56	1	-	-	1	1	30	-	-
	Silloth	230	03	81	b	27.1	-02	70	53	1	-	-	2	2	30	-	-
9	Pinningley	020	04	36	b	26.9	-13	66	52	1	-	-	2	1	20	-	-
10	Spurn Head	020	05	64	c	27.3	-02	68	51	5	-	-	6	6	15	-	-
	Leeming	360	03	64	b	26.4	-10	67	51	1	-	-	2	2	30	-	-
	Tynemouth	360	05	56	c	27.8	+00	58	53	5	-	-	7	7	23	-	-
11	St. Abb's Head	360	05	80	c	27.7	+02	59	54	5	-	-	7	7	22	-	-
	Leuchars	100	09	82	b	27.4	-00	67	55	1	-	2	1	1	-	1	20
12	Eskdalemuir	020	05	82	bc	25.7	-06	70	50	1	-	-	3	3	22	-	-
	Prestwick	270	11	80	b	27.3	-01	67	56	1	-	-	1	1	28	-	-
	West Freugh	310	06	81	bc	27.6	+06	69	60	8	3	-	5	1	22	-	-
	Ronaldsway	130	08	56	b	27.1	+01	68	60	8	-	-	2	1	35	-	-
13A	Tiree	170	08	80	b	27.5	-01	64	55	-	-	-	0	0	0	-	-
13B	Benbecula	310	07	83	b	27.4	+00	65	49	1	-	5	1	1	20	-	-
	Stornoway	170	06	83	b	26.7	-08	62	56	1	-	5	1	1	35	-	-
	Cape Wrath	130	02	82	b	27.2	-	59	51	-	-	1	1	-	-	-	-
	Sule Skerry	180	02	81	bc	27.4	+01	61	55	-	-	5	3	-	-	-	-
14	Loch Rannoch																
15	Dyce	360	11	82	bc	27.1	-01	67	57	5	-	2	3	1	20	-	-
	Lossiemouth	030	05	81	bc	28.1	-01	61	52	2	-	2	3	3	-	1	20
	Wick	140	06	85	bc	27.7	-02	62	49	1	-	2	3	1	30	-	-
16	Lerwick	090	06	82	bc	26.8	+03	65	54	-	-	2	3	-	-	-	-
17	Blacksod Point	320	02	81	c	28.1	-00	62	56	9	-	-	6	6	23	-	-
18	Malin Head	090	02	82	bc	27.4	+02	60	54	2	-	-	5	5	30	-	-
	Aldergrove	270	03	64	b	27.6	-03	67	56	5	-	-	2	2	18	-	-
	Castle Archdale	290	02	82	c	27.5	-02	66	52	5	-	-	7	7	25	-	-
19	Birr Castle *	360	05	81	c	27.2	-02	67	50	4	-	-	6	6	35	-	-
	Collinstown *	090	07	81	c	27.2	-02	66	55	8	-	-	6	5	25	-	-
	Rineanna *	290	02	83	0	28.0	+00	63	54	5	-	-	8	6	40	2	30
20	Valentia *	320	09	83	b	28.2	+00	64	55	8	-	-	1	1	24	-	-
	Midleton *	—	0	81	c	27.3	+01	66	55	8	-	-	7	4	45	3	25

*Rainfall read at 1800.

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

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt 0-8 (31)	Cloud Lowest layer Ht. (32)	21h State of ground (33)
0	Kew	050	04	72	b	25.9	-04	67	48	1	-	2	2	1	38	-	-	0
	London Airport																	
1	Lympne	030	07	81	b	25.7	-08	68	51	5	-	2	2	1	30	-	-	0
	Tangmere	040	12	82	bc	25.6	+01	63	50	5	4	5	3	2	25	-	-	0
	Calshot	180	08	82	b	24.8	-06	63	54	-	-	1	1	-	-	-	-	0
		130	07	81	b	25.1	-04	62	55	1	-	-	1	1	25	-	-	0
	Boscombe Down	030	07	81	b	24.9	-05	69	48	-	-	-	0	0	0	-	-	0
2	Felixtowe																	
	Gorleston	080	09	81	c	26.3	-04	60	53	5	-	-	7	5	35	2	25	0
	West Raynham	090	05	72	bc	25.9	-07	60	48	5	-	2	3	1	35	-	-	0
	Mildenhall	040	08	81	b	26.0	-06	61	48	-	-	2	1	-	-	-	-	0
		020	04	82	bc	25.8	-07	67	49	5	-	2	3	1	35	-	-	0
3	Cranfield	090	04	40	b	25.4	-05	68	49	-	8	1	1	1	-	-	-	0
	Elmdon	100	06	48	c	24.9	-09	71	55	5	-	-	6	6	45	-	-	0
	Wittering	070	03	80	bc	25.7	-06	68	51	-	3	-	3	3	35	-	-	0
	Watnall	—	0	40	b	25.1	-04	69	53	5	-	-	2	2	35	-	-	0
4	Little Rissington	070	09	80	b	25.1	-09	67	52	1	-	-	1	1	40	-	-	0
	Ross-on-Wye	050	04	64	b	25.7	-03	72	54	8	-	-	2	2	35	-	-	0
	Shawbury	340	10	48	c	25.2	-06	73	48	5	-	-	7	7	45	-	-	0
5	Bristol	090	05	81	bc	24.6	-08	73	51	1	-	-	3	3	25	-	-	0
	Exeter	200	06	80	b	24.6	~~-06~~ -04	67	57	-	-	-	0	0	0	-	-	0
	Portland Bill																	
	Plymouth	250	06	80	b	25.1	-05	61	54	-	-	-	0	0	0	-	-	0
	Chivenor	020	17	80	b	25.0	-06	72	50	-	-	-	0	0	0	-	-	0
	St. Eval	030	10	80	b	25.0	-07	66	55	-	-	-	0	0	0	-	-	0
	Lizard	—	0	48	b	25.4	-02	63	56	-	-	-	0	0	0	-	-	0
	Scilly, St. Mary's	360	06	56	b	25.6	-05	68	54	-	-	-	0	0	0	-	-	0
	Guernsey	060	15	81	b	23.7	-11	62	51	-	-	2	1	-	-	-	-	0
	Aberporth	310	05	80	b	26.6	-06	63	55	-	-	-	0	0	0	-	-	0
6	Pembroke	—	0	40	b	26.9	+02	67	59	-	-	-	0	0	0	-	-	0
7	Holyhead (Valley)	340	09	48	b	25.4	-07	67	59	5	-	-	1	1	40	-	-	0
8	Manchester	310	11	40	b	24.9	-06	71	51	4	-	-	1	1	40	-	-	0
	Squires Gate	290	12	80	b	25.8	-07	70	54	-	-	1	1	1	-	-	-	0
	Silloth	240	15	81	c	25.2	-07	69	55	-	3	-	6	6	-	-	-	0
9	Pinningley	100	08	80	b	25.4	-05	68	54	-	-	-	0	0	0	-	-	0
10	Spurn Head	110	05	81	b	26.8	-05	60	54	-	-	-	0	0	0	-	-	0
	Leeming	010	12	56	b	25.6	+01	65	53	-	-	1	1	-	-	-	-	0
	Tynemouth	050	06	56	bc	26.7	-06	60	54	2	-	2	4	2	25	-	-	0
11	St. Abb's Head	360	02	81	b	26.1	-09	61	54	5	-	-	7	2	40	-	-	0
	Leuchars	090	03	82	b	26.5	-02	63	55	-	-	2	1	-	-	-	-	0
12	Eskdalemuir	050	06	82	bc	25.0	+00	70	57	1	-	2	3	1	25	-	-	0
	Prestwick	250	10	80	b	26.0	-06	68	54	-	-	-	0	0	0	-	-	0
	West Freugh	360	08	81	b	26.5	-06	72	51	-	-	1	1	-	-	-	-	0
	Ronaldsway	230	08	56	b	26.1	-08	70	55	-	-	1	1	-	-	-	-	0
13A	Tiree	210	07	80	bc	26.8	-03	65	50	-	-	6	5	-	-	-	-	0
13B	Benbecula	270	10	81	c	26.5	-03	62	56	1	-	2	6	3	18	-	-	0
	Stornoway	050	10	83	c	26.0	-02	68	59	5	-	6	6	5	87	1	40	0
	Cape Wrath	230	02	82	bc	23.0	-02	60	52	4	-	-	3	3	30	-	-	0
	Sule Skerry	270	02	82	bc	26.2	-08	63	54	-	-	5	3	-	-	-	-	0
14	Loch Rannoch																	
15	Dyce	090	04	82	b	26.5	-00	64	54	-	-	8	1	1	27	-	-	0
	Lossiemouth	090	12	81	b	25.8	-11	63	53	2	-	6	2	2	-	1	20	0
	Wick	150	06	85	bc	26.2	-11	62	51	-	-	2	4	-	-	-	-	0
16	Lerwick	200	03	82	c	25.0	-06	62	53	-	-	6	6	-	-	-	-	1
17	Blacksod Point	300	03	81	bc	27.6	-02	63	54	1	-	5	3	2	31	-	-	0
18	Malin Head	090	02	82	c	27.1	-02	60	51	2	3	1	6	2	33	4	31	0
	Aldergrove	250	04	81	0	26.3	-07	68	57	5	7	-	8	6	38	3	25	1
	Castle Archdale	310	08	83	c	26.7	-04	63	56	8	-	-	7	7	45	1	25	0
19	Birr Castle *	340	05	81	c	26.3	-08	70	56	5	-	8	6	3	40	-	-	0
	Collinstown *	090	03	80	0	26.7	-04	65	54	8	-	8	7	4	45	1	30	4
	Rineanna *	280	04	82	bc	27.1	-04	66	54	8	-	4	6	4	42	1	30	0
20	Valentia *	320	06	82	b	27.4	-04	63	54	4	-	1	1	2	27	-	-	0
	Midleton *	180	03	81	c	26.7	-01	65	57	5	-	7	7	4	45	-	-	0

OBSERVATIONS during DAY 9th

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	ccybyb	67	8.4	—
London Airport				
Lympne	bcbyb	69	*	—
Tangmere	bcbcyvbyvb	68	11.7	—
Calshot	bbyb	72	13.9	—
	bbyb	67	12.6	—
Boscombe Down	bycybyb	72	12.3	—
Felixtowe				
Gorleston	ccbcvc	63	~~15~~ 2.8	—
West Raynham	oodocbcyby	61	4.7	Tr
Mildenhall		64	7.0	Tr
	cidocbcyb	69	4.8	—
Cranfield	cbcbcyb2oy	69	5.4	—
Elmdon	b2obc2ocy20	73	*	—
Wittering	ccybcyb	69	5.6	—
Watnall	o2oc2ybc2ob	73	4.1	—
Little Rissington	bbccbcyb	70	12.12	—
Ross-on-Wye	bbybcbc2o	74	10.7	—
Shawbury	bcbycy	74	5.6	—
Bristol	bybcyby	75	12.0	—
Exeter	bybc6	73	14.0	—
Portland Bill			*	
Plymouth	bmobyb	71	13.9	—
Chivenor	bybcybm	76	13.1	—
St. Eval	bybcycbcb	72	11.1	—
Lizard	b2o	68	14.1	—
Scilly, St. Mary's	b	74	14.3	—
Guernsey	cbcb	63	6.4	—
Aberporth	bcb	68	10.8	—
Pembroke	bc	67	1.8	—
Holyhead (Valley)	cmobb2omo	72	11.3	—
Manchester	~~cby~~ c, by	75	7.4	—
Squires Gate	b2ob	73	11.3	—
Silloth	bcybccbc	72	*	—
Pinningley	c2obcyb	74	8.9	—
Spurn Head	cbbc	66	8.1	—
Leeming	cby20	72	9.7	—
Tynemouth	cbc	62	*	—
St. Abb's Head	cbcbc	62	*	—
Leuchars	bc	68	13.2	—
Eskdalemuir	bbcbcyb	73	12.6	—
Prestwick	bbyb	71	14.1	—
West Freugh	bbcybyb	75	*	—
Ronaldsway	bbcyb	70	14.1	—
Tiree	bbcyc	67	14.0	—
Benbecula	bbcc	69	15.0	—
Stornoway	bcbbfbvbc	63	15.1	—
Cape Wrath	bc	63	*	—
Sule Skerry		64	*	—
Loch Rannoch				
Dyce	bcbbc	70	14.5	—
Lossiemouth	bbc	66	11.5	—
Wick	bcybc	66	13.8	—
Lerwick	bcbbc	67	15.1	—
Blacksod Point	cb	65	10.2	—
Malin Head	bc	63	*	—
Aldergrove	bcbc	71	8.4	—
Castle Archdale	c	65	2.3	—
Birr Castle	c	70	1.5	—
Collinstown	bc	67	3.6	—
Rineanna	bb	68	1.5	—
Valentia	b	65	10.8	—
Midleton	c	70	3.0	—

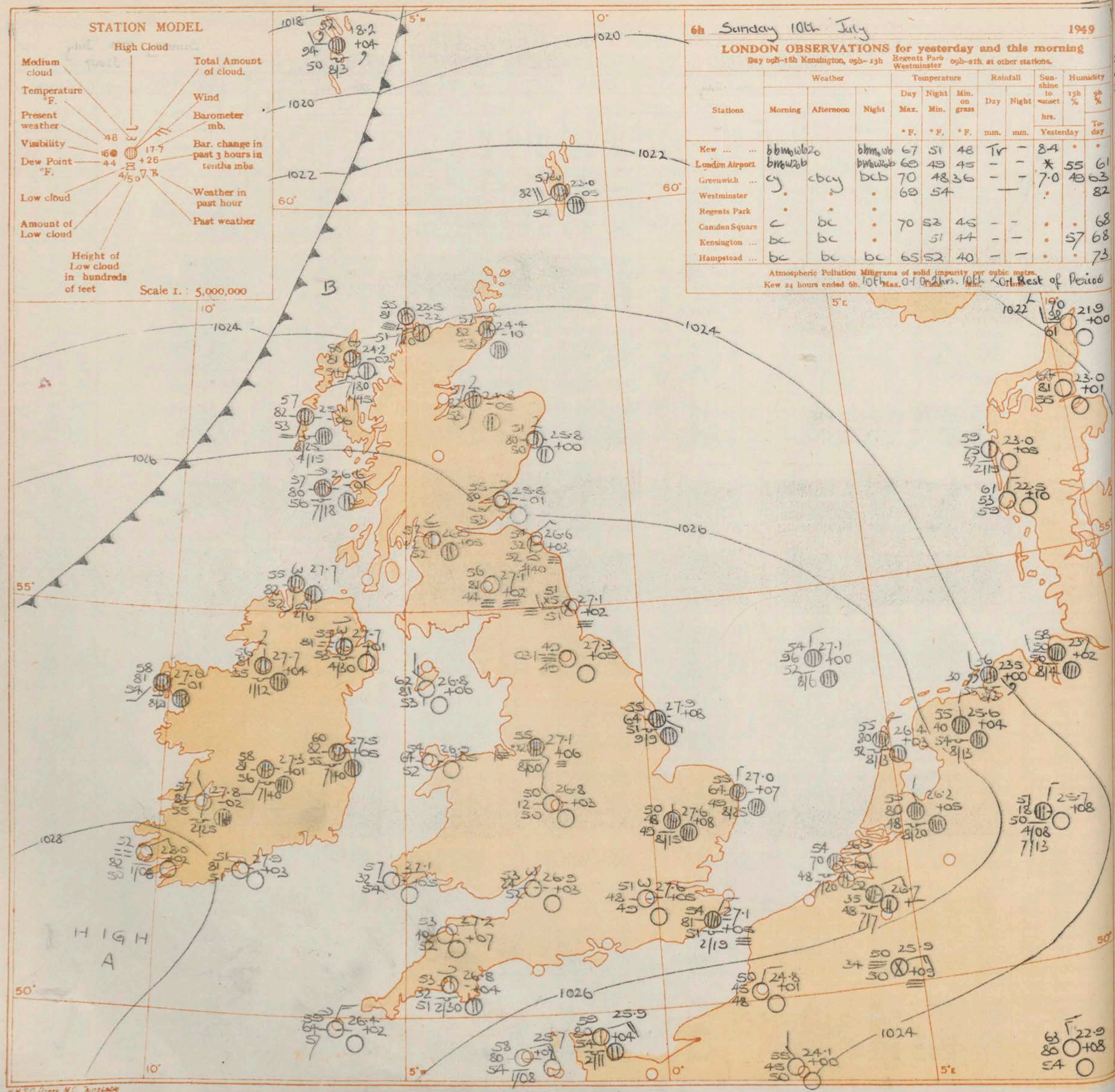
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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



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

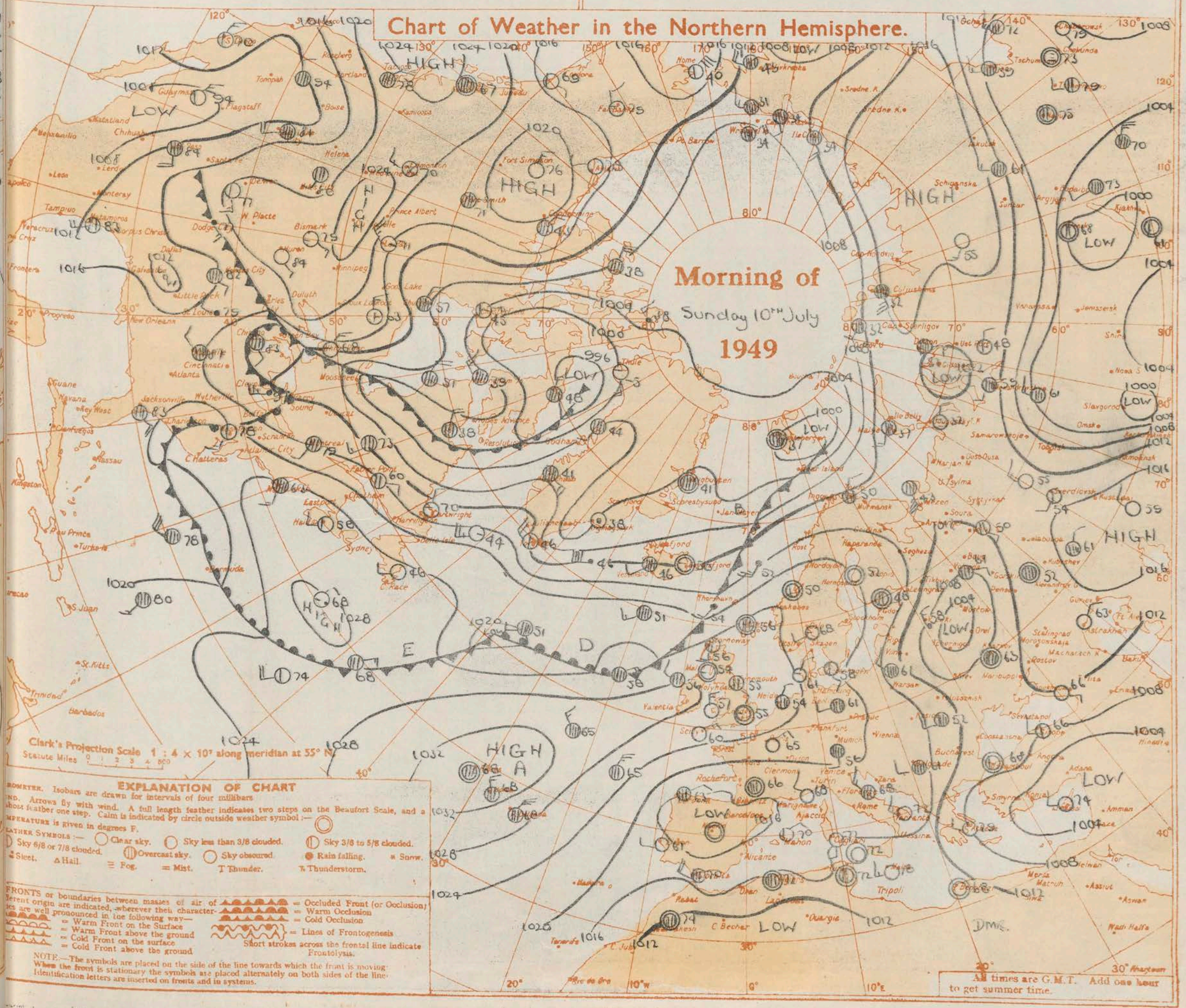
GENERAL INFERENCE

A ridge of high pressure extends across most of the British Isles, while a weak trough of low pressure will cross Northern districts. Weather will be fair or fine and warm in most areas. In Western and Northern Scotland there will be occasional rain or drizzle mainly light.

FURTHER OUTLOOK

Fair or fine for two or three days in most areas. Occasional rain in Northwestern districts.

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 10th July 1949

No. 32007

OBSERVATIONS at 00hr G.M.T. 10th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	18	*	*	*	*	*	*	54	*	*	*	*	*	*	*	*	
	London Airport	82	–	0	24	b	26·4	+04	55	48	–	–	1	1	0	0	–	–
1	Lympne	341	–	0	80	b	26·4	+02	51	50	–	–	–	0	0	0	–	–
	Tangmere	53	–	0	48	bc	26·2	+01	52	50	–	–	2	4	0	0	–	–
	Calshot	8	–	0	81	b	26·6	+05	59	55	–	–	1	1	0	0	–	–
	Boscombe Down	414	–	0	48	b	26·2	+06	54	51	–	–	1	2	0	0	–	–
2	Felixtowe	10	040	02	81	c	26·5	+01	54	50	5	–	–	7	7	14	–	–
	Gorleston	5	050	01	56	b	26·5	+05	55	48	6	–	–	2	2	20	–	–
	West Raynham	250	080	03	60	b	27·0	+07	47	47	–	4	–	1	1	–	–	–
	Mildenhall	15	–	0	82	b	26·8	+08	51	49	–	–	–	0	0	0	–	–
3	Cranfield	340	030	04	48	b	26·1	+03	52	47	–	–	1	1	0	0	–	–
	Elmdon	326	210	03	24	b	26·1	+04	53	50	–	–	–	0	0	0	–	–
	Wittering	236	–	0	81	b	26·9	+04	52	49	–	–	–	0	0	0	–	–
	Watnall	366	–	0	48	b	27·0	+08	51	49	–	–	–	0	0	0	–	–
4	Little Rissington	740	160	01	56	b	26·9	+07	59	50	–	–	1	1	0	0	–	–
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury	235	340	03	24	b	26·8	+06	56	48	–	–	–	0	0	0	–	–
5	Bristol	209	130	02	24	b	26·3	+08	58	52	–	–	–	0	0	0	–	–
	Exeter	100	–	0	64	b	26·9	+07	52	50	–	–	–	0	0	0	–	–
	Portland Bill	32																
	Plymouth	90	–	0	24	b	25·6	+03	56	53	–	–	–	0	0	0	–	–
	Chivenor	20	–	0	81	b	26·5	+06	~~51~~ 58	53	–	–	–	0	0	0	–	–
	St. Eval	336	030	07	56	b	26·4	+02	60	54	–	–	–	0	0	0	–	–
	Lizard	240	–	0	48	z	26·6	+07	57	55	–	–	–	0	0	0	–	–
	Scilly, St. Mary's	163	050	10	80	b	26·2	+02	60	57	–	–	–	0	0	0	–	–
	Guernsey	340	050	10	81	b	25·2	+04	57	53	–	–	–	0	0	0	–	–
	Aberporth	375	–	0	80	b	26·7	+01	54	53	–	–	–	0	0	0	–	–
6	Pembroke	142	360	08	56	b	26·7	+01	57	55	–	–	–	0	0	0	–	–
7	Holyhead (Valley)	32	–	0	56	b	26·2	+02	53	52	–	–	–	0	0	0	–	–
8	Manchester	230	300	~~08~~ 04	28	b	26·4	+07	55	50	–	–	–	0	0	0	–	–
	Squires Gate	33	310	10	64	b	25·9	+01	62	55	–	–	–	0	0	0	–	–
	Silloth	25	–	0	81	b	25·7	+02	57	51	–	4	1	1	–	–	–	–
9	Finningley	52	–	0	20	b	27·0	+06	53	49	–	–	–	0	0	0	–	–
10	Spurn Head	29	050	03	80	bc	26·7	+03	54	50	5	–	–	3	3	20	–	–
	Leeming	105	340	02	16	b	26·9	+07	51	49	–	–	–	0	0	0	–	–
	Tynemouth	108	130	05	80	bc	27·2	+02	55	52	5	–	–	4	4	25	–	–
11	St. Abb's Head	280	360	02	80	c	26·6	−02	55	53	5	–	–	7	7	30	–	–
	Leuchars	36	250	01	40	b	26·8	+02	53	50	–	–	1	2	2	–	–	–
12	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick	30	–	0	40	b	26·7	+04	57	51	–	–	1	1	0	0	–	–
	West Freugh	52	310	05	56	b	27·2	+02	50	49	–	–	1	0	0	0	–	–
	Ronaldsway	55	300	04	81	b	26·5	+01	60	53	–	–	–	0	0	0	–	–
13A	Tiree	29	250	02	81	c	26·9	−02	54	53	–	–	2	6	0	0	–	–
13B	Benbecula	16	250	08	81	o	25·9	+00	58	54	5	–	–	8	8	20	2	10
	Stornoway	10	180	10	80	bc	25·0	−05	56	55	–	–	6	5	5	87	–	–
	Cape Wrath	367	230	02	82	bc	25·6	−01	57	51	5	–	1	3	2	25	–	–
	Sule Skerry	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce	234	–	0	64	b	26·4	−04	47	45	5	–	2	2	2	25	–	–
	Lossiemouth	21	110	10	82	b	25·0	−03	56	50	5	–	–	1	1	32	–	–
	Wick	119	260	02	85	bc	25·9	−02	53	49	–	–	1	4	0	0	–	–
16	Lerwick	269	–	0	82	c	24·6	−04	56	51	–	–	4	7	4	–	1	15
17	Blacksod Point	18	300	05	81	bc	28·0	+01	56	52	1	–	–	4	4	25	–	–
18	Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	220	–	0	81	b	27·4	+05	54	52	5	–	1	1	1	35	–	–
	Castle Archdale	225	310	01	82	c	27·5	+02	59	55	5	–	–	7	7	40	–	–
19	Birr Castle *	187	270	05	81	c	27·2	+04	61	58	4	–	–	6	6	35	–	–
	Collinstown *	226	360	04	80	b	27·2	+01	59	53	5	–	–	1	1	45	–	–
	Rineanna *	10	260	04	82	c	28·1	+05	56	53	5	–	–	6	6	38	–	–
20	Valentia *	30	–	0	82	b	27·9	+04	54	52	1	–	–	1	1	26	–	–
	Midleton *	30	–	0	80	b	27·5	+04	50	50	5	–	–	1	1	45	–	–

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 10th July

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)
Kew	–	0	16	b	27·2	+02	56	53	–	–	1	1	–	–	–	–	0
London Airport	–	0	24	b	27·3	+03	51	47	–	–	1	2	–	–	–	–	0
Lympne	040	06	81	o	27·1	+05	54	51	5	–	–	8	8	15	–	–	0
Tangmere	030	04	48	b	26·6	+04	55	53	–	–	1	1	–	–	–	–	0
Calshot	–	0	32	2	27·0	+05	59	53	5	–	–	1	1	35	–	–	0
Boscombe Down	340	03	16	b	26·7	+05	53	51	–	–	–	0	0	0	–	–	0
Felixtowe	020	02	50	o	27·2	+06	53	51	5	–	–	8	8	22	–	–	0
Gorleston	360	01	64	2	27·0	+07	55	49	5	–	–	8	8	25	–	–	0
West Raynham	–	0	80	o	27·0	+03	54	51	5	7	–	8	8	–	5	25	0
Mildenhall	–	0	48	o	27·6	+08	50	49	6	–	–	8	8	15	–	–	0
Cranfield	–	0	06	b	26·5	+06	51	49	–	–	–	0	0	0	–	–	0
Elmdon	320	04	12	b	26·8	+03	50	50	–	–	–	0	0	0	–	–	0
Wittering	–	0	x4	f+	27·6	+07	49	49	–	–	–	9	9	–	–	–	0
Watnall	–	0	48	b	27·6	+08	53	50	–	–	–	0	0	0	–	–	0
Little Rissington	340	01	48	2	26·7	+03	57	49	–	–	–	0	0	0	–	–	0
Ross-on-Wye	290	02	10	2	27·4	00	53	50	–	–	–	0	0	0	–	–	0
Shawbury	–	0	40	b	27·5	+07	53	47	–	–	–	0	0	0	–	–	0
Bristol	–	0	24	b	26·9	+03	53	52	–	3	–	1	–	–	–	–	0
Exeter	–	0	24	b	27·5	+04	50	49	–	3	–	2	–	–	–	–	0
Portland Bill																	0
Plymouth	–	0	32	b	26·8	+04	53	51	5	–	1	2	2	30	–	–	0
Chivenor	090	06	40	b	27·2	+07	53	52	–	–	–	0	0	0	–	–	0
St. Eval	–	0	40	b	26·7	−03	63	49	–	–	4	1	–	–	–	–	0
Lizard	100	03	40	2	26·4	+01	58	56	–	–	4	1	–	–	–	–	0
Scilly, St. Mary's	050	09	64	b	26·4	+02	59	57	–	–	2	1	–	–	–	–	0
Guernsey	050	10	80	b	25·7	+07	58	54	6	–	8	1	1	08	–	–	0
Aberporth	–	0	64	b	27·3	+05	55	55	–	–	–	0	0	0	–	–	0
Pembroke	050	06	32	2	26·8	+01	58	56	–	–	–	0	0	0	–	–	0
Holyhead (Valley)	–	0	64	b	26·9	+05	54	52	–	–	–	0	0	0	–	–	0
Manchester	140	04	x2	f+	27·1	+06	55	55	6	–	–	8	8	–	–	–	0
Squires Gate	–	0	24	b	26·8	+09	55	52	–	–	–	0	0	0	–	–	0
Silloth	–	0	56	b	26·4	+06	55	52	–	–	–	0	0	0	–	–	0
Finningley	130	02	10	b	27·7	+07	49	47	–	–	–	0	0	0	–	–	0
Spurn Head	100	03	64	o	27·9	+08	55	51	5	–	–	8	8	15	–	–	0
Leeming	–	0	03	bf	27·3	+05	49	49	–	–	–	0	0	0	–	–	0
Tynemouth	270	02	x5	f	27·1	+02	51	51	–	–	–	9	9	–	–	–	0
St. Abb's Head	360	02	32	bc	26·6	+03	54	52	1	–	–	3	3	40	–	–	0
Leuchars	230	09	80	b	25·8	−01	55	53	–	–	1	1	1	–	–	–	0
Eskdalemuir	–	0	81	b	27·1	+02	56	44	–	–	–	0	0	0	–	–	0
Prestwick	120	02	40	b	27·1	+06	55	51	–	–	8	2	–	–	–	–	0
West Freugh	290	02	80	b	27·5	+04	56	54	–	–	1	1	–	–	–	–	0
Ronaldsway	320	07	81	b	26·8	+06	62	53	–	–	–	0	0	0	–	–	0
Tiree	–	0	80	c	26·6	−01	57	56	5	–	2	7	7	18	–	–	0
Benbecula	210	14	82	o	25·1	−06	57	53	5	–	–	8	8	25	4	15	0
Stornoway	180	10	81	c	24·2	−04	58	54	5	7	9	7	7	80	1	45	0
Cape Wrath	230	24	81	c	22·5	−02	55	51	5	–	–	7	7	20	–	–	0
Sule Skerry																	
Loch Rannoch																	0
Dyce	–	0	80	bc	25·8	00	51	50	–	–	6	4	–	–	–	–	1
Lossiemouth	200	02	82	c	24·8	−05	57	53	–	–	6	6	6	–	–	–	0
Wick	190	05	82	c	24·4	−10	57	53	–	–	8	7	–	–	–	–	0
Lerwick	250	16	82	c	23·0	−05	57	52	–	7	6	7	6	35	–	–	0
Blacksod Point	240	03	81	o	27·6	−01	58	54	6	–	–	8	8	21	–	–	0
Malin Head	180	01	82	c	27·6	+04	58	51	1	5	–	7	5	83	2	31	0
Aldergrove	–	0	81	bc	27·7	+01	55	53	5	3	1	5	4	30	–	–	0
Castle Archdale	–	0	81	bc	27·7	+04	56	55	6	–	6	4	1	12	–	–	0
Birr Castle	200	05	81	c	27·3	+01	58	56	5	–	–	7	7	40	–	–	0
Collinstown	–	0	82	c	27·5	+03	60	55	5	–	–	7	7	40	–	–	0
Rineanna	300	03	83	b	27·8	−02	57	55	5	–	–	2	2	25	–	–	0
Valentia	040	02	82	b	28·0	+02	52	50	6	–	1	1	1	08	–	–	1
Midleton	–	0	81	b	27·9	+03	55	52	1	5	1	6	–	–	–	–	0

OBSERVATIONS Saturday NIGHT

Stations	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	bbm0wb20	51	48	Tr
London Airport	bm0w20b	49	45	-
Lympne	bwbfgwbfc	46	41	-
Tangmere	bm0bm0fgwb	46	41	-
Calshot	bbm0b	55	50	-
Boscombe Down	bbcwb2	48	39	Tr
Felixtowe	cbcvwbcbccjfcw	49	44	-
Gorleston	bcoc	50	45	-
West Raynham	c	47	34	-
Mildenhall	bb m0fg cm0c	42	33	-
Cranfield	bbmb20	47	41	-
Elmdon	c20bm0m20	47	43	-
Wittering	bbm0O Fomcm0	47	43	-
Watnall	bm020	47	43	-
Little Rissington	bb20	57	49	-
Ross-on-Wye	b20bcbmwm2	49	*	-
Shawbury	cbcby	47	40	-
Bristol	bwb	50	41	-
Exeter	bwm0b	48	40	-
Portland Bill	bcbcb2	54	*	-
Plymouth	xbm0wbm0	51	47	-
Chivenor	bbwb	52	47	-
St. Eval	bb20	59	45	-
Lizard	bbcb2b	57	*	-
Scilly, St. Mary's	bwb	57	*	-
Guernsey	b	55	52	-
Aberporth	bwb	51	43	-
Pembroke	bm0	56	*	-
Holyhead (Valley)	bm0b	49	41	-
Manchester	bbwofb	50	45	Tr
Squires Gate	bbm0w20	51	43	-
Silloth	bbm0b	49	40	-
Finningley	bm0Ofb	44	38	-
Spurn Head	bco	60	*	-
Leeming	bc2bfbm020	45	43	-
Tynemouth	bccm0FF	55	48	-
St. Abb's Head	ccm0bcm0	50	*	–
Leuchars	bcm0fgbc	50	45	-
Eskdalemuir	bbfgb	43	37	-
Prestwick	bbwbc	50	46	-
West Freugh	bbfgb	47	36	-
Ronaldsway	b	55	41	-
Tiree	bcwcbc	51	41	-
Benbecula	c	56	54	-
Stornoway	bcc	53	46	-
Cape Wrath	bcc	54	51	-
Sule Skerry				
Loch Rannoch		55	53	-
Dyce	bcbwbc	44	35	-
Lossiemouth	bcc	51	49	-
Wick	bbcwc	49	44	-
Lerwick	cm0	55	48	-
Blacksod Point	bcc	53	39	-
Malin Head	c	51	*	-
Aldergrove	bcbwfgcfgbc	48	40	-
Castle Archdale	cbcc	53	45	-
Birr Castle	c	57	54	-
Collinstown	c	56	53	-
Rineanna	c	63	42	-
Valentia	cL	48	43	-
Midleton	bc	47	38	-

* Information not usually received.

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Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 11th July 1949 No. 32008

OBSERVATIONS at 12h. G.M.T. 10th July

District	Stations (For heights see p. 4)	Wind. Direction (degrees) (1)	Wind. Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. Dry Bulb. °F. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Form. Medium. (10)	Form. High. (11)	Total amount. 0-8 (12)	Main layer. Amt. 0-8 (13)	Main layer. Ht. (14)	Lowest layer. Amt. 0-8 (15)	Lowest layer. Ht. (16)
0	Kew	070	04	30	b	26·9	-05	72	51	-	-	-	0	0	0	-	-
	London Airport	030	06	24	b	26·9	-06	75	~~52~~ 56	5	-	-	1	1	30	-	-
1	Lympne	110	10	81	b	27·6	+01	63	54	2	-	-	2	2	25	-	-
	Tangmere	100	08	64	b	27·1	-02	67	56	1	-	-	1	1	25	-	-
	Calshot	110	08	81	b	27·2	+00	64	57	1	-	-	1	1	25	-	-
	Boscombe Down	060	02	48	bc	25·8	-03	75	53	1	-	-	3	3	25	-	-
2	Felixtowe	110	08	81	b	28·1	+02	64	52	-	-	-	0	0	0	-	-
	Gorleston	090	07	80	b	27·9	+05	61	51	-	-	-	0	0	0	-	-
	West Raynham	010	02	82	b	27·6	+00	67	53	-	-	-	0	0	0	-	-
	Mildenhall	-	0	80	b	27·7	-02	68	53	-	-	-	0	0	0	-	-
3	Cranfield	-	0	48	b	26·6	+00	72	55	-	-	-	0	0	0	-	-
	Elmdon	020	05	56	b	26·7	+00	74	55	1	-	-	1	1	30	-	-
	Wittering	-	0	56	b	27·3	-08	71	55	-	-	-	0	0	0	-	-
	Watnall	-	0	64	b	26·8	-09	75	55	-	-	-	0	0	0	-	-
4	Little Rissington	360	10	32	bc	26·4	~~-03~~	73	53	1	-	-	3	3	25	-	-
	Ross-on-Wye	020	09	64	b	26·5	-04	77	56	1	-	-	1	1	30	-	-
	Shawbury	350	08	64	b	27·4	+01	76	53	1	-	-	1	1	28	-	-
5	Bristol	020	06	64	b	26·5	-03	76	55	1	-	-	1	1	25	-	-
	Exeter	180	12	56	b	26·8	-01	77	59	2	-	-	1	1	25	-	-
	Portland Bill	130	05	48	b	28·0	+03	64	57	-	-	-	0	0	0	-	-
	Plymouth	250	12	64	b	27·2	+06	64	57	-	-	-	0	0	0	-	-
	Chivenor	270	10	40	b	26·9	+00	76	58	1	-	-	1	1	30	-	-
	St. Eval	330	06	64	b	27·3	+06	70	58	1	-	-	1	1	15	-	-
	Lizard	130	04	80	b	27·1	+05	68	58	-	-	-	0	0	0	-	-
	Scilly, St. Mary's	090	07	56	b	27·3	+03	73	60	-	-	-	0	0	0	-	-
	Guernsey	090	22	80	b	26·1	+01	65	53	-	-	-	0	0	0	-	-
	Aberporth	010	07	40	b	27·2	-02	68	57	-	-	-	0	0	0	-	-
6	Pembroke	260	01	32	b	27·6	+03	67	59	-	-	-	0	0	0	-	-
7	Holyhead (Valley)	320	11	81	b	27·3	+02	71	57	5	-	-	1	1	35	-	-
8	Manchester	310	06	40	b	26·9	-06	75	54	1	-	-	1	1	35	-	-
	Squires Gate	290	08	64	b	27·6	+01	70	58	-	-	-	0	0	0	-	-
	Silloth	250	14	80	b	26·9	+01	67	56	-	-	1	1	-	-	-	-
9	Pinningley	160	02	80	b	27·2	-05	76	55	-	-	-	0	0	0	-	-
10	Sparn Head	110	~~08~~	40	b	28·1	+02	67	56	-	-	-	0	0	0	-	-
	Leeming	080	01 05	80	b	26·3	-06	75	55	-	-	-	0	0	0	-	-
	Tynemouth	130	09	16	bc	27·0	-02	63	56	6	-	-	4	4	20	-	-
11	St. Abb's Head	180	13	64	bc	26·0	-03	64	55	-	6	-	4	4	50	-	-
	Leuchars	280	05	81	c	25·4	-03	75	54	1	-	6	0	1	25	-	-
12	Eskdalemuir	190	09	81	b	25·6	+02	72	52	1	-	5	2	1	25	-	-
	Prestwick	290	12	81	bc	27·7	+05	67	55	1	-	2	3	2	30	-	-
	West Freugh	350	08	82	bc	27·8	-01	68	55	4	4	2	5	5	25	-	-
	Ronaldsway	270	10	82	b	27·9	+04	70	53	1	-	1	1	1	30	-	-
13A	Tiree	210	12	82	c	27·1	+03	62	54	8	7	-	7	6	40	3	20
13B	Benbecula	190	13	48	cl	25·7	+00	58	57	6	2	-	8	8	-	4	07
	Stornoway	180	15	81	0	25·1	+00	60	56	5	1	-	8	6	25	-	-
	Cape Wrath	230	19	81	cl	24·6	+07	55	53	6	-	-	8	7	20	-	-
	Sule Skerry	230	13	80	0	24·3	+01	58	54	5	-	-	8	8	10	-	-
14	Loch Rannoch																
15	Dyce	150	11	81	bc	24·4	-10	74	59	5	-	2	4	2	35	-	-
	Lossiemouth	280	15	81	bc	24·9	+01	73	51	-	7	2	3	3	-	1	70
	Wick	080	06	81	c	25·1	+04	63	54	5	-	8	6	1	30	-	-
16	Lerwick	260	20	40	cl	22·7	-01	58	55	7	2	-	8	4	10	4	03
17	Blacksod Point	220	09	81	c	27·8	+01	64	57	8	-	0	7	3	29	-	-
18	Malin Head	290	02	82	bc	27·9	+02	64	55	5	-	1	4	3	36	-	-
	Aldergrove	270	06	82	c	27·9	+02	69	52	8	-	1	6	5	45	1	30
	Castle Archdale	-	0	82	bc	27·8	-02	66	56	1	-	2	3	2	25	-	-
19	Birr Castle *	200	05	81	c	27·7	+00	70	56	4	-	-	7	7	35	-	-
	Collinstown *	180	05	82	bc	26·0	+02	69	53	8	-	-	5	8	30	-	-
	Rineanna *	270	06	82	b	28·5	+01	70	55	1	-	-	2	2	27	-	-
20	Valentia *	260	07	82	b	28·6	+04	65	58	1	-	1	1	1	28	-	-
	Midleton *	170	02	82	bc	28·0	+02	73	55	2	-	-	4	4	30	-	-

* Rainfall read at 1800.

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

District	Stations	Wind. Direction (degrees) (17)	Wind. Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. Dry Bulb. °F. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Form. Medium. (26)	Form. High. (27)	Total amount. 0-8 (28)	Main layer. Amt. 0-8 (29)	Main layer. Ht. (30)	Lowest layer. Amt. 0-8 (31)	Lowest layer. Ht. (32)	21h State of ground (33)	Weather. 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
0	Kew	090	10	30	b	25·4	-05	76	50	-	-	-	0	0	0	-	-	0	bmowbzoybzo	79	14·0	-
	London Airport	090	08	48	b	25·4	-03	78	54	-	-	-	0	0	0	-	-	0	bzoyby	81	*	-
1	Lympne	050	07	81	b	26·3	-06	64	51	-	-	-	0	0	0	-	-	0	cbbyb	68	11·0	-
	Tangmere	180	09	81	b	26·2	-02	64	55	-	-	-	0	0	0	-	-	0	b	69	14·3	-
	Calshot	130	11	10	b	26·3	-02	83	58	-	-	-	0	0	0	-	-	0	b	65	14·0	-
	Boscombe Down	-	0	64	b	24·7	-01	79	55	-	-	-	0	0	0	-	-	0	bzbczybyb	81	13·4	-
2	Felixtowe	100	06	81	b	27·3	-06	61	52	5	-	-	1	1	60	-	-	0	cybybyb	64	11·2	-
	Gorleston	110	06	64	b	27·6	-07	59	53	-	-	-	0	0	0	-	-	0	b	61	10·6	-
	West Raynham	130	10	82	b	26·3	-01	71	55	-	-	-	0	0	0	-	-	0	cbcbyb	75	10·6	-
	Mildenhall	130	06	82	b	26·0	-06	76	55	-	-	-	0	0	0	-	-	0	cbcbyb	79	10·8	-
3	Cranfield	040	06	81	b	25·2	-07	78	58	-	-	-	0	0	0	-	-	0	bzoby	78	14·6	-
	Elmdon	070	05	80	b	25·4	-04	79	53	-	-	-	0	0	0	-	-	0	bybzoybzo	80		-
	Wittering	070	05	81	b	26·1	-05	76	54	-	-	-	0	0	0	-	-	0	cmobzob	77	10·7	-
	Watnall	100	03	82	b	25·2	-06	70	55	-	-	-	0	0	0	-	-	0	bzoyb	82	12·7	-
4	Little Rissington	070	04	81	b	25·4	-04	77	50	-	-	-	0	0	0	-	-	0	bczoyby	78	14·0	-
	Ross-on-Wye	070	04	56	b	25·4	-03	79	57	1	-	-	1	1	35	-	-	0	bzbybcyb20	81	12·8	-
	Shawbury	350	15	80	b	26·5	+03	75	54	-	-	-	0	0	0	-	-	0	~~bbyb~~ byb	80	14·2	-
5	Bristol	020	05	64	b	24·9	-06	80	55	4	-	-	1	1	40	-	-	0	bbcby	82	12·5	-
	Exeter	170	08	80	b	26·3	+00	67	57	-	-	-	0	0	0	-	-	0	bbyb	76	12·6	-
	Portland Bill	130	05	72	b	27·2	-05	61	54	-	-	-	0	0	0	-	-	0	~~bcb~~ bgbbb	~~60~~ 66	*	-
	Plymouth	230	02	80	b	26·3	-08	63	58	-	-	-	0	0	0	-	-	0	bzob	66	13·4	-
	Chivenor	020	10	32	2	25·7	-04	76	54	-	-	-	0	0	0	-	-	0	bzoybbw	80	13·3	-
	St. Eval	340	07	48	2	26·6	-01	70	56	-	-	-	0	0	0	-	-	0	b	74	13·2	-
	Lizard	100	02	56	b	26·7	-07	67	56	-	-	-	0	0	0	-	-	0	bzo	70	13·7	-
	Scilly, St. Mary's	070	06	80	b	26·4	-05	69	57	-	-	-	0	0	0	-	-	0	bw	77	14·0	-
	Guernsey	050	16	80	b	25·2	-05	66	53	-	-	2	1	-	-	-	-	0	b	69	14·8	-
	Aberporth	360	03	81	b	27·1	+02	67	53	-	-	-	0	0	0	-	-	0	b	70	13·4	-
6	Pembroke	360	10	70	b	26·9	-08	73	58	-	-	-	0	0	0	-	-	0	bbmo	75	13·5	-
7	Holyhead (Valley)	360	07	81	b	26·4	-06	71	57	-	-	-	0	0	0	-	-	0	by	72	13·8	-
8	Manchester	330	09	52	b	26·6	+03	72	53	-	-	-	0	0	0	-	-	0	byb	79	11·9	-
	Squires Gate	290	11	82	b	27·4	-03	70	54	-	-	1	0	0	0	-	-	0	bby	70	14·4	-
	Silloth	230	10	81	b	26·4	-02	88	53	-	-	2	1	-	-	-	-	0	bbybbyb	71	*	-
9	Pinningley	160	08	81	b	25·4	-07	80	51	-	-	-	0	0	0	-	-	0	by	83	14·7	-
10	Sparn Head	130	08	80	b	26·7	-11	64	56	5	-	-	1	1	25	-	-	0	bzobc	67	0·0	-
	Leeming	270	10	72	b	25·1	+00	79	55	1	-	-	1	1	50	-	-	0	bmobyb	84	12·2	-
	Tynemouth	130	09	24	bc	26·4	-02	61	58	8	-	1	5	3	22	-	-	0	bFFbcmo	64		-
11	St. Abb's Head	180	09	32	b	24·7	-11	69	57	1	-	-	2	2	40	-	-	0	bcmobmo	70		-
	Leuchars	240	16	83	b	24·2	-09	77	54	-	-	2	1	-	-	-	-	0	bccybyb	79	13·6	-
12	Eskdalemuir	170	10	82	b	25·1	-02	73	56	1	-	2	2	1	28	-	-	0	bbybb	~~70~~ 77	13·6	-
	Prestwick	260	09	82	b	27·1	-05	66	56	-	5	2	3	-	-	-	-	0	bcbbcb	70	15·1	-
	West Freugh	290	07	82	b	27·4	-05	69	54	-	-	1	1	-	-	-	-	0	bbcbyb	73		-
	Ronaldsway	220	09	82	b	27·0	-07	68	54	-	-	8	1	-	-	-	-	0	byb	71	15·3	-
13A	Tiree	240	07	81	c	27·2	+00	61	57	5	7	-	7	4	14	-	-	1	bcododomo	65	2·6	TR
13B	Benbecula	200	12	16	id.	26·1	+02	59	59	6	-	-	8	8	03	-	-	2	bidoodom	61	0·0	1
	Stornoway	190	12	82	0	25·7	+01	60	58	5	7	-	8	6	30	-	-	0	cc	63	0·0	-
	Cape Wrath	230	19	81	id	25·6	-08	55	55	6	-	-	8	8	10	-	-	1	iddf	58		1
	Sule Skerry	230	09	80	0	25·2	+04	58	54	6	-	-	8	8	10	-	-	0		64	*	-
14	Loch Rannoch																					
15	Dyce	090	06	56	b	25·0	+03	64	58	-	-	2	1	1	88	-	-	0	bcbmo	75	14·3	-
	Lossiemouth	070	10	81	bc	25·5	+10	63	56	2	3	9	4	3	83	1	25	0	bcc	75	12·7	-
	Wick	330	05	81	cld	25·8	+05	61	58	5	3	-	7	6	30	-	-	0	cbccido	67	9·4	TR
16	Lerwick	260	16	01	0f+	23·3	-01	55	55	6	-	-	8	8	-	-	-	0	cmoofido	61	1·7	-
17	Blacksod Point	270	13	81	c	27·7	-02	62	58	8	-	4	7	4	25	-	-	0	cc	66	5·1	-
18	Malin Head	290	02	82	bc	27·5	-02	63	57	1	3	-	5	3	83	2	36	0	bbc	66	*	-
	Aldergrove	270	06	82	b	26·9	-07	74	57	5	-	1	1	1	30	-	-	0	bccybcbyb	75	12·4	-
	Castle Archdale	290	07	83	bc	26·8	-03	70	60	1	5	9	5	2	80	1	30	0	bcbbc	73	14·8	-
19	Birr Castle *	200	05	81	0	26·5	-09	77	54	1	-	-	8	3	35	-	-	0	bc	78	7·3	-
	Collinstown *	160	12	81	bc	27·0	-06	67	52	5	-	-	1	1	40	-	-	0	bc	71	11·3	-
	Rineanna *	300	12	83	bc	27·2	-07	72	55	1	3	-	1	1	35	-	-	0	b.	73	13·9	-
20	Valentia *	260	05	82	b	27·8	-07	65	59	-	3	-	1	1	85	-	-	0	b	67	15·1	-
	Midleton *	190	10	81	b	27·0	-05	70	58	1	-	-	1	1	32	-	-	0	b	77	13·3	-

OBSERVATIONS during DAY 10th

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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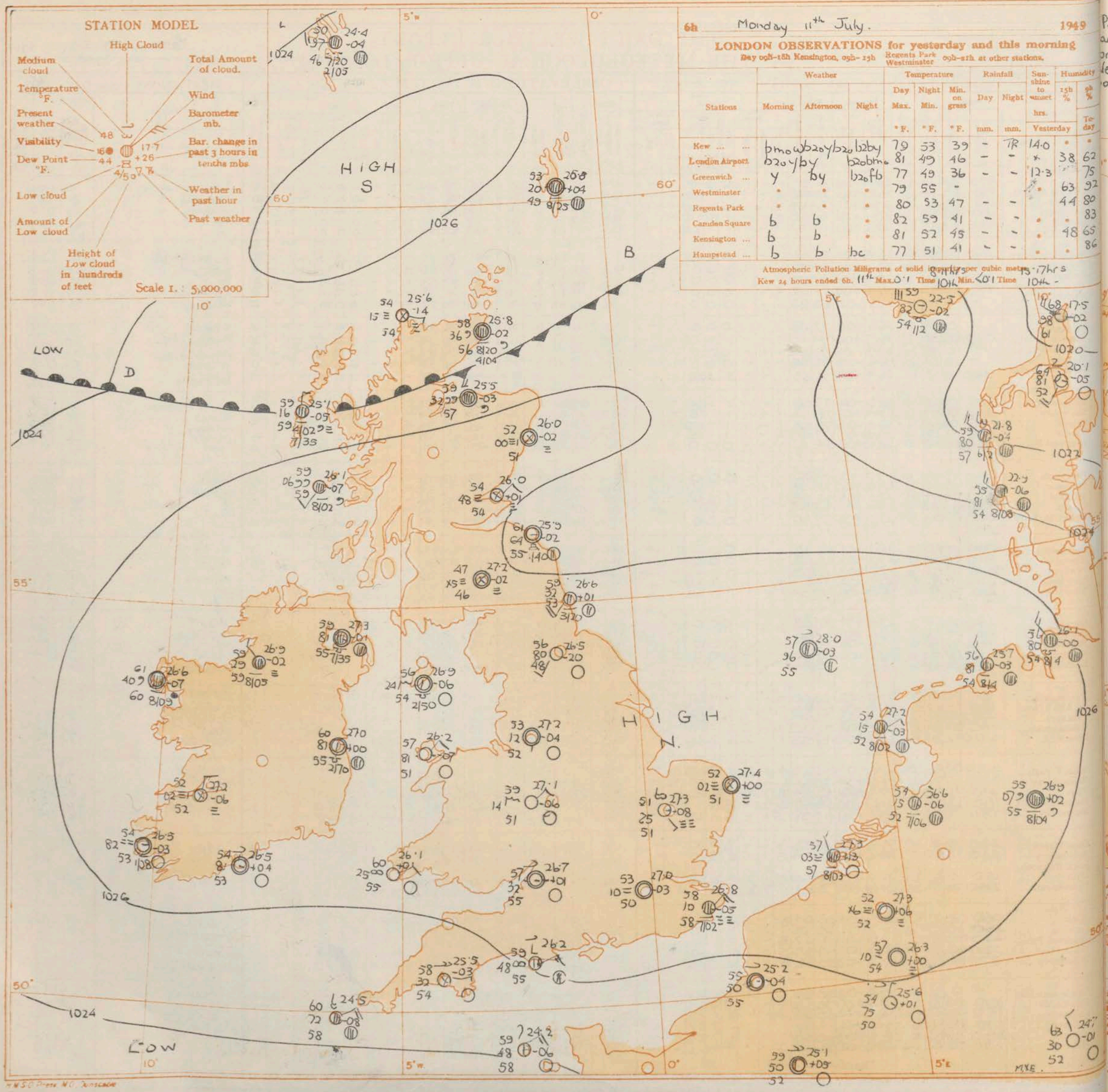
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



6h Monday 11th July. 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–21h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Today
Kew	bmo wb20y	b20 b2by	b2by	79	53	39	-	TR	14.0	•	•
London Airport	b20y/by		b20bmo	81	49	46	-	-	*	38	62
Greenwich ...	y	by	b20fb	77	49	36	-	-	12.3		75
Westminster	•	•	•	79	55	-			•	63	92
Regents Park	•	•	•	80	53	47	-	-		44	80
Camden Square	b	b	•	82	59	41	-	-	•	•	83
Kensington ...	b	b	•	81	52	45	-	-	•	48	65
Hampstead ...	b	b	bc	77	51	41	-	-	•	•	86

Atmospheric Pollution Milligrams of solid impurity per cubic metre 15·17hrs
Kew 24 hours ended 6h. 11th Max. 0·1 Time 10th Min. <0·1 Time 10th -

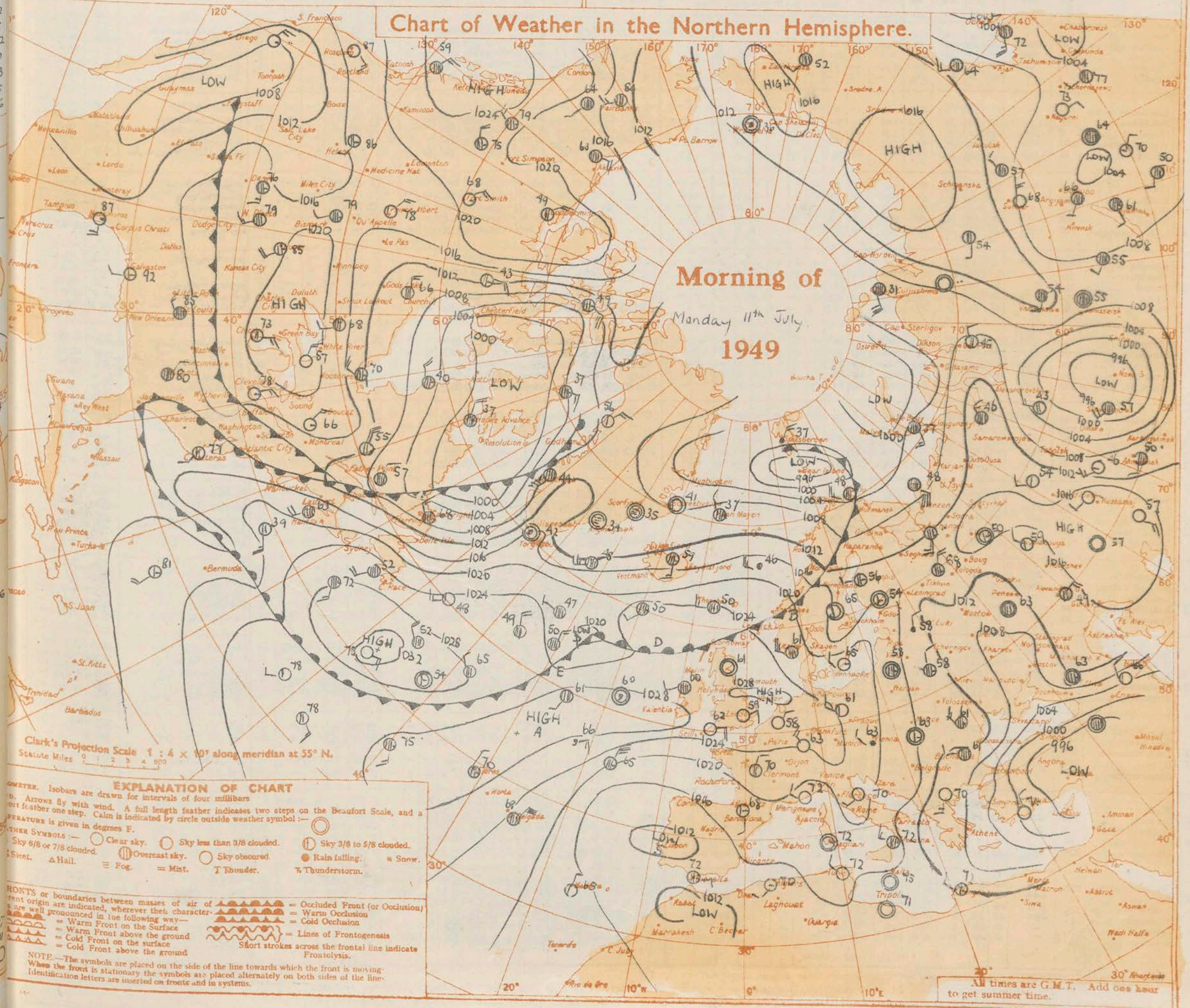
H.M.S.O. Press N.O. Jonscaw

GENERAL INFERENCE

Pressure continues relatively high over most of the British Isles and the fine warm weather will go on in most areas. Weak troughs of low pressure crossing northern districts will give cloudy conditions, local rain or drizzle and coastal fog in Western and Northern Scotland. Thundery conditions may reach the extreme Southwest of England tonight from the Bay of Biscay.

FURTHER OUTLOOK

Continuing fine and warm in the Midlands and East. Thundery conditions may extend in the Southwest and to other Western districts tomorrow. Little change in the Northwest and North.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 11th July 1949

No. 32008

OBSERVATIONS at 00hr G.M.T. 11th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	°F. Dew point (8)	Cloud Form Low (9)	Medium (10)	High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Ht. (14)	Lowest layer Amt. 0-8 (15)	Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	57	•	•	•	•	•	•	•	•	
	London Airport	82	080	05	28	b	27·7	+08	59	52	–	–	–	0	0	0	–	–
1	Lympne ...	341	080	07	40	c	27·2	+03	55	54	6	–	–	7	7	03	–	–
	Tangmere ...	53	020	01	48	b	27·0	+00	52	51	–	–	2	2	–	–	–	–
	Calshot ...	8	–	0	80	b	27·2	+06	60	56	–	4	–	2	2	–	–	–
	Boscombe Down	414	–	0	48	b	27·3	+10	54	53	–	–	–	0	0	0	–	–
2	Felixtowe ...	10	100	02	72	b	27·4	–05	55	54	5	–	–	2	2	50	–	–
	Gorleston ...	5	120	05	72	b	27·8	–01	57	54	–	–	–	0	0	0	–	–
	West Raynham	250	140	09	64	b	27·1	–02	51	49	–	–	–	0	0	0	–	–
	Mildenhall ...	15	160	02	64	b	27·3	+01	53	51	–	–	–	0	0	0	–	–
3	Cranfield ...	340	130	06	48	b	27·0	+09	56	52	–	–	–	0	0	0	–	–
	Elmdon ...	328	300	03	40	b	27·0	+03	58	53	–	–	–	0	0	0	–	–
	Wittering ...	236	–	0	64	b	27·5	+07	57	52	–	–	–	0	0	0	–	–
	Watnall ...	366	–	0	64	b	27·1	+05	57	53	–	–	–	0	0	0	–	–
4	Little Rissington	740	130	01	80	b	27·2	+10	64	51	–	–	–	0	0	0	–	–
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	–	0	81	b	27·8	+06	56	~~59~~ 49	–	–	–	0	0	0	–	–
5	Bristol ...	209	–	0	28	b	26·8	+13	59	~~56~~ 53	–	–	–	0	0	0	–	–
	Exeter ...	100	090	05	24	b	~~27·0~~ 26·9	~~+07~~ +05	54	~~54~~ 53	–	–	1	1	–	–	–	–
	Portland Bill	32	090	05	81	~~b~~ bc	27·1	+06	61	55	–	–	9	0	0	0	–	–
	Plymouth ...	90	090	05	40	b	26·8	+09	58	54	–	–	1	1	–	–	–	–
	Chivenor ...	20	160	03	56	b	26·8	+08	59	57	–	–	–	0	0	0	–	–
	St. Eval ...	336	060	03	24	b	26·6	+02	63	55	–	–	–	0	0	0	–	–
	Lizard ...	240	090	02	40	b	25·7	–05	60	58	–	–	–	0	0	0	–	–
	Scilly, St. Mary's	163	060	09	40	b	26·0	–02	62	61	–	–	–	0	0	0	–	–
	Guernsey ...	340	050	07	64	b	25·6	+05	56	55	–	–	2	2	–	–	–	–
	Aberporth ...	375	–	0	81	b	27·2	+04	56	54	–	–	–	0	0	0	–	–
6	Pembroke ...	142	030	08	82	b	26·6	–04	63	53	–	–	–	0	0	0	–	–
7	Holyhead (Valley)	32	050	03	80	b	26·8	+02	57	55	–	–	–	0	0	0	–	–
8	Manchester ...	230	290	05	28	b	27·2	+04	55	52	–	–	–	0	0	0	–	–
	Squires Gate...	33	–	0	80	b	27·4	+01	54	52	–	–	–	0	0	0	–	–
	Silloth ...	25	230	11	81	b	26·9	+02	55	52	–	–	5	2	–	–	–	–
9	Finningley ...	52	180	04	48	b	27·0	+03	61	54	–	–	–	0	0	0	–	–
10	Spurn Head ...	29	180	~~05~~ 02	~~40~~ 8	b	27·4	~~+07~~ +12	~~59~~ 58	~~59~~ 58	5	–	–	2	2	25	–	–
	Leeming ...	105	290	03	48	b	26·9	+06	59	53	–	–	1	1	–	–	–	–
	Tynemouth ...	108	270	06	24	bc	26·8	+01	63	56	6	–	–	3	3	20	–	–
11	St. Abb's Head	280	260	02	64	b	25·9	+04	64	55	2	–	–	1	1	40	–	–
	Leuchars ...	36	–	0	80	b	25·7	+06	61	55	–	–	–	0	0	0	–	–
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	–	0	86	b	27·4	–01	55	52	–	–	2	1	–	–	–	–
	West Freugh...	52	310	04	64	b	28·2	+00	50	49	–	–	1	1	–	–	–	–
	Ronaldsway ...	55	–	0	48	b	27·5	+00	52	50	–	–	–	0	0	0	–	–
13A	Tiree ...	29	180	07	21	r₀r₀	27·0	–01	58	58	6	–	–	8	8	10	–	–
13B	Benbecula ...	16	210	07	06	rd₀	25·9	+00	59	58	6	–	–	8	8	01	–	–
	Stornoway ...	10	–	0	24	dd	26·0	+02	58	58	6	–	–	8	8	08	–	–
	Cape Wrath ...	367	230	13	x5	f	26·1	+02	55	55	–	–	–	9	9	0	–	–
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	–	0	02	f	26·6	00	54	54	–	–	–	9	9	0	–	–
	Lossiemouth...	21	–	0	80	o	26·2	–00	60	55	5	7	–	8	5	30	–	–
	Wick ...	119	–	0	48	o/r	26·5	+04	58	55	6	–	–	8	8	18	3	05
16	Lerwick ...	269	280	03	64	o	25·4	+12	52	51	6	–	–	8	8	15	–	–
17	Blacksod Point	18	250	04	58	o	27·8	+01	60	58	6	–	–	8	8	19	–	–
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	080	02	81	b	27·7	+02	54	53	5	–	1	2	2	30	–	–
	Castle Archdale	225	240	03	81	c	27·7	+04	59	59	–	3	–	6	6	80	–	–
19	Birr Castle ... *	187	040	05	81	b	27·0	+05	61	56	–	–	–	0	0	0	–	–
	Collinstown ... *	226	250	06	81	b	27·7	+08	59	52	–	–	–	0	0	0	–	–
	Rineanna ... *	16	260	09	82	b	28·6	+10	55	54	6	–	–	1	1	35	–	–
20	Valentia ... *	30	–	0	82	b	28·3	+04	54	53	5	–	–	1	1	45	–	–
	Midleton ... *	30	–	0	48	b	28·0	+10	53	51	–	3	–	1	1	83	–	–

OBSERVATIONS at 06hr G.M.T. 11th July / OBSERVATIONS Sunday NIGHT

Stations	Wind Direction (degrees) (17)	Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	°F. Dry Bulb (23)	°F. Dew point (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Ht. (30)	Lowest layer Amt. 0-8 (31)	Ht. (32)	9 h. State of ground (33)	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	–	0	09	b	27·1	–02	56	53	–	–	–	0	0	0	–	–	0	b2obmowb2	53	39	Tr
London Airport	–	0	09	b	27·0	–03	53	50	–	–	–	0	0	0	–	–	0	by2omwm2	49	46	–
Lympne	060	08	10	c/q	26·8	–05	58	58	6	–	–	7	7	02	–	–	0	bwcfgofb	52	48	–
Tangmere	–	0	32	bc	26·5	+01	56	53	6	–	2	3	1	10	–	–	0	bbmowc	47	42	–
Calshot	020	08	32	bc	26·7	+01	55	53	–	–	4	3	–	–	–	–	0	bbmobcmo	55	49	–
Boscombe Down	100	04	12	b	26·7	+00	54	52	–	–	1	1	–	–	–	–	0	bbwmbcy	48	41	Tr
Felixtowe	050	02	32	o	27·4	–02	55	54	6	–	–	8	8	07	–	–	0	bbwcomoom	54	49	–
Gorleston	–	0	02	of	27·4	+00	52	51	–	–	–	9	9	–	–	–	0	bbwomoofom	51	48	–
West Raynham	220	02	64	bf	27·1	–04	53	51	–	–	2	1	–	–	–	–	0	bmobby	51	39	–
Mildenhall	–	0	04	cf	27·2	–06	51	51	6	–	–	7	7	02	–	–	0	bbmobFcfbcmob	45	36	–
Cranfield	–	0	24	b	26·4	–12	58	53	–	–	–	0	0	0	–	–	0	bybbmob2o	51	42	–
Elmdon	–	0	16	b	26·9	–04	55	53	6	–	–	1	1	08	–	–	0	~~b2omob~~ mn3y	53	48	–
Wittering	–	0	16	b	26·8	–05	59	55	–	–	–	0	0	0	–	–	0	bbmo2oby	48	44	–
Watnall	–	0	09	b	26·8	–06	60	56	–	–	–	0	0	0	–	–	0	bybmob2o	54	47	–
Little Rissington	–	0	36	b	27·0	–05	62	56	–	–	4	1	–	–	–	–	0	bbybmo	56	46	–
Ross-on-Wye	230	02	50	b	27·1	–05	57	53	–	–	1	1	–	–	–	–	0	b2obmowb	53	*	–
Shawbury	–	0	56	b	27·2	–05	53	50	1	–	–	1	1	09	–	–	0	b	51	43	–
Bristol	–	0	32	b	26·7	+01	57	55	–	–	1	1	–	–	–	–	0	bybwfgbc	51	41	–
Exeter	–	0	07	b	26·3	+03	52	50	–	–	5	2	–	–	–	–	0	bmowmwbc	48	39	–
Portland Bill	090	09	48	bc (cq)	26·2	~~–07~~	59	55	6	1	–	5	4	15	–	–	0	bcc2c2	57	*	–
Plymouth	090	01	32	bc	25·5	–03	58	54	–	–	2	3	–	–	–	–	0	bbmobcycy	53	50	–
Chivenor	090	02	68	b	25·9	–01	56	53	5	–	–	1	1	–	–	–	0	bwbc	54	49	–
St. Eval	120	08	32	c	25·2	–05	63	55	–	–	2	6	–	–	–	–	0	bmobm2by	55	46	–
Lizard	110	11	56	c	24·4	–09	61	59	5	–	–	6	6	25	–	–	0	b2dbc	64	*	–
Scilly, St. Mary's	090	08	72	c	24·5	–08	60	58	–	9	–	7	7	60	–	–	0	bwbccbc	59	*	–
Guernsey	060	10	48	bc	24·2	–06	59	58	–	–	4	3	–	–	–	–	0	bbmobcmocmo2o	56	53	–
Aberporth	–	0	80	b	26·2	+03	61	58	–	–	–	0	0	0	–	–	0	bbc	52	42	–
Pembroke	070	08	81	b	26·3	+02	61	56	–	–	–	0	0	0	–	–	0	bbcmo	60	*	–
Holyhead (Valley)	020	04	81	b	26·2	~~–07~~ –02	57	51	–	–	–	0	0	0	–	–	0	b	51	45	–
Manchester	–	0	12	b	27·2	–04	53	52	–	–	–	0	0	0	–	–	0	bbwb	49	43	Tr
Squires Gate	100	03	28	b	27·2	–02	54	53	–	–	–	0	0	0	–	–	0	bbffbmo	49	44	–
Silloth	–	0	64	b	26·7	–01	57	54	3	–	–	2	1	35	–	–	0	bbcc	50	40	–
Finningley	–	0	11	b	26·8	–03	56	51	–	4	–	1	1	–	–	–	0	bybmob2oy	52	43	–
Spurn Head	–	0	56	b	26·8	+00	59	55	5	–	–	2	2	25	–	–	0	bcb2o	57	*	–
Leeming	250	01	80	b	26·5	~~20~~ –02	56	48	–	–	–	0	0	0	–	–	0	bmob	52	47	–
Tynemouth	270	12	32	bc	26·6	+01	59	53	6	–	2	4	3	20	–	–	0	bcmo	56	52	–
St. Abb's Head	–	0	64	b	25·9	–02	61	55	2	–	–	1	1	40	–	–	0	bmo	54	*	–
Leuchars	050	01	x8	of	26·0	+01	54	54	–	–	–	9	9	–	–	–	0	bypfpm	53	49	–
Eskdalemuir	–	0	x5	of	27·2	–02	47	46	–	–	–	9	–	–	–	–	1	bofbcc	43	36	–
Prestwick	–	0	13	db	27·0	+01	58	56	6	–	–	8	5	10	2	07	1	bbccdoc	52	49	Tr
West Freugh	–	0	82	c	27·5	–02	59	53	5	–	–	7	7	40	1	25	0	bbfgc	48	37	–
Ronaldsway	–	0	24	b	26·9	–06	56	54	5	–	1	2	2	50	–	–	0	b,bw,c,b	49	41	–
Tiree	210	04	06	dodo	26·1	–07	59	59	6	–	–	8	8	02	–	–	1	pdodomo	57	55	1
Benbecula	350	01	16	c/q	25·1	–08	59	59	6	–	–	7	7	35	4	02	1	pdofc	58	56	1
Stornoway	050	07	08	f	25·3	–02	57	57	6	–	–	8	8	04	–	–	1	cdodocf	51	50	1
Cape Wrath	090	02	x5	f	25·6	–14	65	54	–	–	–	9	9	–	–	–	2	df	53	48	7
Sule Skerry	050	05	81	o	25·6	00	54	54	6	–	–	8	8	10	–	–	1	o	55	47	–
Loch Rannoch																					
Dyce	–	0	00	f	26·0	–02	52	51	–	–	–	9	9	–	–	–	0	cmofbc2o	49	43	–
Lossiemouth	–	0	32	dod	25·5	–03	59	57	–	2	–	8	8	50	–	–	1	cdo	58	56	1
Wick	–	0	36	ido	25·8	–02	58	56	6	–	–	8	8	20	4	04	1	ido	56	57	8
Lerwick	–	0	82	o	25·8	+04	53	49	6	–	–	8	8	25	–	–	1	cmofc	51	47	Tr
Blacksod Point	–	0	40	ido	26·6	–07	61	60	6	–	–	8	8	09	–	–	1	cr	59	45	1
Malin Head	240	01	81	c	26·7	–02	61	59	5	–	–	7	7	21	–	–	0	c	59	*	0·1
Aldergrove	–	0	81	c	27·3	–01	59	55	5	–	–	7	7	35	–	–	0	b,c	58	44	–
Castle Archdale	310	01	24	o	26·9	–02	59	59	6	–	–	8	8	05	–	–	0	bccfc	58	50	–
Birr Castle	250	05	81	o	26·9	–02	55	53	6	–	–	8	8	30	–	–	0	bc	51	44	–
Collinstown	–	0	81	b	27·0	00	60	55	5	–	–	2	1	08	–	–	0	bc	54	49	–
Rineanna	360	05	02	f	27·2	–06	52	52	–	–	–	9	9	–	–	–	0	bf	46	41	–
Valentia	–	0	82	b	26·5	–03	54	53	6	–	–	1	1	08	–	–	0	b	50	44	–
Midleton	–	0	81	b	26·5	–04	54	53	–	–	1	1	–	–	–	–	0	b	48	40	–

* Rainfall read at 0600.

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 12th July 1949

No. 32009.

OBSERVATIONS at 12h. G.M.T. 11th July

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Form. Medium. (10)	Form. High. (11)	Total amount. 0-8 (12)	Main layer. Amt 0-8 (13)	Main layer. Ht. (14)	Lowest layer. Amt. 0-8 (15)	Lowest layer. Ht. (16)
0	Kew ...	160	04	30	bc	25·9	-12	75	56	-	4	2	5	1	-	-	-
	London Airport	120	07	40	bc	25·9	-09	77	56	-	-	6	5	-	-	-	-
1	Lympne ...	080	08	80	bc	25·9	-07	74	52	-	-	6	3	-	-	-	-
	Tangmere ...	130	07	34	bc	25·5	-08	75	58	-	-	2	5	-	-	-	-
	Calshot ...	120	07	24	2	26·1	-06	65	59	-	-	2	3	-	-	-	-
	Boscombe Down	080	05	81	c	25·1	-07	78	48	-	-	2	7	-	-	-	-
2	Felixtowe ...	120	10	10	0	27·0	-10	60	56	6	-	-	8	8	04	-	-
	Gorleston ...	130	09	16	c	27·2	-02	59	56	6	-	-	7	7	08	-	-
	West Raynham	170	12	82	bc	25·7	-11	80	57	-	-	2	1	-	-	-	-
	Mildenhall ..	100	04	82	b	25·9	-13	81	54	-	-	1	1	1	-	-	-
3	Cranfield ...	130	06	80	bc	25·0	-05	78	53	-	-	5	3	-	-	-	-
	Elmdon ...	120	04	80	b	24·9	-05	82	53	-	-	1	1	-	-	-	-
	Wittering ...	160	08	81	b	25·6	-13	80	50	-	-	5	1	-	-	-	-
	Watnall ...	090	02	64	b	24·6	-14	83	55	-	-	-	0	0	0	-	-
4	Little Rissington	090	09	80	c	25·5	-04	75	50	-	8	2	6	1	83	-	-
	Ross-on-Wye	130	04	64	bc	25·2	-14	80	54	-	-	2	5	-	-	-	-
	Shawbury ...	310	02	56	b	25·2	-14	80	54	-	-	1	1	-	-	-	-
5	Bristol ...	110	03	82	bc	25·0	-12	80	53	-	-	6	4	-	-	-	-
	Exeter ...	160	05	81	bc	24·9	-12	78	55	-	-	2	1	-	-	-	-
	Portland Bill																
	Plymouth ...	090	10	81	b	24·1	-09	77	53	-	-	8	1	-	-	-	-
	Chivenor ...	-	0	81	b	24·6	-10	81	57	-	-	2	2	-	-	-	-
	St. Eval ...	060	04	81	b	24·2	-11	78	49	-	-	2	1	-	-	-	-
	Lizard ...	110	18	64	b	23·8	-03	67	57	5	-	-	1	1	25	-	-
	Scilly, St. Mary's	090	13	80	b	24·0	-03	74	59	5	-	-	1	1	30	-	-
	Guernsey ...	060	10	64	b	24·1	-01	72	58	-	-	1	2	-	-	-	-
	Aberporth ...	090	05	80	c	25·0	-09	69	59	-	-	6	6	-	-	-	-
6	Pembroke ...	-	0	32	2	25·6	-07	69	61	-	-	2	6	-	-	-	-
7	Holyhead (Valley)	030	04	81	bc	25·3	-04	76	60	-	-	2	3	3	-	-	-
8	Manchester ...	240	06	36	b	25·2	-15	75	56	-	-	-	0	0	0	-	-
	Squires Gate...	290	09	64	b	26·4	-05	71	55	-	-	-	0	0	0	-	-
	Silloth ...	250	13	81	c	25·8	-08	65	58	5	-	-	7	7	40	2	30
9	Finningley ...	160	07	32	b	25·0	-14	84	58	-	-	-	0	0	0	-	-
10	Spurn Head ...	130	10	24	2	25·6	-13	73	63	-	-	-	0	0	0	-	-
	Leeming ...	130	01	83	b	24·1	-18	82	55	-	-	-	0	0	0	-	-
	Tynemouth ...	130	09	24	bc	25·6	-07	65	58	5	-	-	3	3	36	-	-
11	St. Abb's Head	090	05	64	b	25·1	-06	63	58	-	-	1	1	-	-	-	-
	Leuchars ...	080	04	28	b	24·7	-10	66	59	5	4	1	2	1	20	-	-
12	Eskdalemuir...	210	10	81	c	24·7	-02	69	59	8	-	-	6	6	28	-	-
	Prestwick ...	280	10	82	c	25·9	-07	67	59	8	3	-	6	2	22	-	-
	West Freugh...	180	06	82	c	26·8	-08	71	57	8	4	-	6	5	50	1	25
	Rosaldsway ...	190	06	81	b	26·8	-01	69	53	8	-	1	1	1	35	-	-
13A	Tiree ...	200	06	80	jf	25·6	-01	63	59	6	-	-	7	7	04	-	-
13B	Benbecula ...	270	08	81	bc	25·2	-01	62	56	6	-	-	5	4	15	1	10
	Stornoway ...	160	05	81	c	24·7	-03	62	59	8	-	-	7	7	12	1	10
	Cape Wrath ...	-	0	x5	of	25·2	-07	57	57	-	-	-	9	9	0	-	-
	Sule Skerry ...	050	09	81	0	25·7	+01	57	53	6	-	-	8	8	20	-	-
14	Loch Rannoch																
15	Dyce ...	100	06	40	c	24·5	-08	64	58	5	-	-	6	6	40	1	05
	Lossiemouth...	070	04	80	c	24·4	-07	64	59	7	-	-	6	5	40	1	12
	Wick ...	140	03	02	of	24·7	-06	58	57	6	-	-	8	8	01	-	-
16	Lerwick ...	-	0	82	0	25·5	+01	56	48	5	7	-	8	6	20	-	-
17	Blacksod Point	210	02	32	id	26·7	-01	63	61	6	-	-	8	8	11	-	-
18	Malin Head ...	270	01	54	c	26·4	-01	64	60	5	-	-	7	7	21	-	-
	Aldergrove ...	240	06	81	b	26·3	-08	75	60	8	-	-	2	1	60	1	25
	Castle Archdale	-	0	82	c	26·2	-03	68	62	8	-	-	7	7	40	2	20
19	Birr Castle ...*	220	05	81	bc	26·1	-08	75	58	1	-	-	4	4	35	-	-
	Collinstown ...*	110	08	81	b	25·8	-09	74	57	8	-	1	2	2	35	-	-
	Rineanna ...*	180	03	82	bc	26·0	-14	72	58	2	-	3	5	1	25	-	-
20	Valentia ...*	290	05	82	bc	25·6	-11	71	59	1	-	6	3	1	32	-	-
	Midleton ...*	090	07	81	c	25·2	-11	78	56	-	-	2	6	-	-	-	-

*Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 11th July

District	Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Form. Medium. (26)	Form. High. (27)	Total amount. 0-8 (28)	Main layer. Amt 0-8 (29)	Main layer. Ht. (30)	Lowest layer. Amt. 0-8 (31)	Lowest layer. Ht. (32)	21 h State of ground (33)
0	Kew ...	090	08	30	bc	23·4	-07	80	49	-	-	2	3	3	19	-	-	0
	London Airport	100	15	48	bc	23·2	-10	81	57	-	3	-	1	1	-	-	-	0
1	Lympne ...	030	08	81	b	23·6	-10	72	48	-	8	-	2	-	-	-	-	0
	Tangmere ...	110	09	81	bc	22·6	-12	76	56	-	8	2	3	1	83	-	-	0
	Calshot ...	110	05	80	b	23·2	-10	67	59	-	-	3	2	-	-	-	-	0
	Boscombe Down	130	05	81	bc	22·4	-11	80	53	-	-	2	4	-	-	-	-	0
2	Felixtowe ...	080	03	48	bc	24·2	-18	65	56	-	-	2	3	-	-	-	-	0
	Gorleston ...	180	09	56	bc	24·8	-14	61	56	-	-	2	4	-	-	-	-	0
	West Raynham	170	10	81	bc	23·2	-09	77	54	-	-	3	5	-	-	-	-	0
	Mildenhall ..	170	07	83	bc	23·5	-09	79	51	-	-	2	5	5	-	-	-	0
3	Cranfield ...	110	07	64	b	22·6	-13	81	50	-	-	2	2	-	-	-	-	0
	Elmdon ...	130	07	81	bc	22·7	-13	81	49	-	-	2	3	-	-	-	-	0
	Wittering ...	230	04	81	c	23·4	-08	80	54	-	-	4	6	-	-	-	-	0
	Watnall ...	190	08	82	c	22·6	-08	80	50	-	7	8	6	3	-	-	-	0
4	Little Rissington	-	0	81	b	22·5	-11	80	47	-	-	1	1	-	-	-	-	0
	Ross-on-Wye	150	02	81	b	23·0	-11	83	55	-	-	3	1	-	-	-	-	0
	Shawbury ...	340	15	48	bc	23·4	-02	74	57	-	-	2	4	-	-	-	-	0
5	Bristol ...	130	04	82	bc	22·1	-06	82	50	-	-	6	4	-	-	-	-	0
	Exeter ...	160	04	64	bc	23·3	-02	70	57	-	-	6	5	-	-	-	-	0
	Portland Bill																	
	Plymouth ...	210	11	81	c	22·1	-12	75	53	-	7	7	6	3	-	-	-	0
	Chivenor ...	200	12	80	bc	22·3	-07	73	~~63~~ 61	-	-	2	4	-	-	-	-	0
	St. Eval ...	160	07	81	c	22·3	-08	74	54	-	7	2	7	6	84	-	-	0
	Lizard ...	100	10	48	c	22·0	-12	64	57	5	-	-	7	7	20	-	-	0
	Scilly, St. Mary's	090	13	56	c	21·7	-15	67	55	-	9	2	7	5	70	-	-	0
	Guernsey ...	060	13	48	b	21·1	-23	68	58	-	-	2	2	-	-	-	-	0
	Aberporth ...	060	03	80	bc	23·1	-11	70	57	-	-	1	1	-	-	-	-	0
6	Pembroke ...	350	07	48	2	23·1	-13	75	62	-	-	2	4	-	-	-	-	0
7	Holyhead (Valley)	060	09	81	bc	23·4	-09	72	60	-	-	2	4	-	-	-	-	0
8	Manchester ...	310	09	36	c	23·0	-06	75	58	-	-	6	7	-	-	-	-	0
	Squires Gate...	290	08	81	c	24·2	-11	69	58	-	-	6	6	6	86	-	-	0
	Silloth ...	250	15	82	b	23·5	-14	69	58	2	-	5	2	1	30	-	-	0
9	Finningley ...	250	07	80	bc	22·2	-11	83	62	-	3	8	5	2	-	-	-	0
10	Spurn Head ...	130	10	32	2	23·3	-13	67	59	5	-	-	3	3	35	-	-	0
	Leeming ...	300	05	80	~~bc~~ b	22·3	-08	81	50	-	-	1	1	-	-	-	-	0
	Tynemouth ...	130	07	32	bc	23·5	-16	63	59	6	-	-	3	3	25	-	-	0
11	St. Abb's Head	180	09	48	bc	22·5	-18	68	61	5	-	-	3	3	40	-	-	0
	Leuchars ...	050	06	28	bc	22·4	-07	65	58	5	-	-	5	5	30	-	-	0
12	Eskdalemuir...	230	03	82	bc	22·2	-14	75	67	1	-	-	3	3	22	-	-	0
	Prestwick ...	260	10	83	bc	24·3	-09	69	61	8	3	1	5	3	70	1	30	0
	West Freugh...	230	06	82	bc	24·8	-06	72	60	1	3	2	3	1	30	-	-	0
	Rosaldsway ...	200	05	81	c	24·1	-11	70	55	-	-	2	7	7	86	-	-	0
13A	Tiree ...	280	07	80	0	24·6	-09	62	59	5	-	-	8	8	30	6	04	1
13B	Benbecula ...	250	10	32	dod.	24·0	-09	59	58	6	-	-	8	8	05	-	-	1
	Stornoway ...	050	08	80	bc	23·1	-08	59	57	8	3	-	5	1	12	4	10	0
	Cape Wrath ...	-	0	x5	of	23·7	-10	57	57	-	-	-	9	9	0	-	-	1
	Sule Skerry ...	090	09	80	0	23·6	-10	58	54	6	-	-	8	8	10	-	-	1
14	Loch Rannoch																	
15	Dyce ...	-	0	40	0	23·0	-08	62	57	6	-	-	8	8	40	-	-	0
	Lossiemouth...	080	03	81	c	22·8	-08	65	59	5	-	-	7	5	18	-	-	1
	Wick ...	150	02	80	0	23·4	-08	59	56	5	-	-	8	6	12	2	04	0
16	Lerwick ...	170	02	82	0	23·7	-12	55	51	5	-	-	8	8	35	-	-	0
17	Blacksod Point	210	02	80	c	25·2	-04	63	59	6	-	-	7	7	19	-	-	0
18	Malin Head ...	090	01	48	c	24·9	-09	63	59	5	-	-	7	7	11	-	-	0
	Aldergrove ...	050	08	81	c	24·3	-04	71	59	8	3	6	6	4	40	2	25	0
	Castle Archdale	310	08	83	c	23·8	-11	71	61	8	-	-	7	7	45	1	25	0
19	Birr Castle ...*	220	05	81	bc	23·7	-08	77	58	1	-	-	4	4	35	-	-	0
	Collinstown ...*	160	09	82	b	24·3	-05	70	55	-	8	2	2	1	83	-	-	0
	Rineanna ...*	330	09	82	b	23·6	-09	77	57	1	3	2	1	1	40	-	-	0
20	Valentia ...*	320	04	82	bc	23·1	-12	70	61	-	4	-	1	1	84	-	-	0
	Midleton ...*	120	09	72	b	23·5	-05	74	56	-	-	1	1	-	-	-	-	0

OBSERVATIONS during DAY (11th)

Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h. 21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
Kew ...	b2yc2y	83	13·1	-
London Airport	bc2oybybc2oy	84	*	-
Lympne ...	bbcybybc	79	12·6	-
Tangmere ...	c2obybc2o	78	12·5	-
Calshot ...	bcmob2obcc	70	13·7	-
Boscombe Down	bcybc	83	14·3	-
Felixtowe ...	omomocmocmobc2obmo	65	4·9	-
Gorleston ...	cmcmobcmobc	63	11·0	-
West Raynham	bycybc	84	11·4	-
Mildenhall ..	bbybvybcvycvybvyb	86	12·3	-
Cranfield ...	bybcyby	82	13·8	-
Elmdon ...	b2oycyb	84	*	-
Wittering ...	bybcycyby	84	11·2	-
Watnall ...	bc2oycby	86	11·5	-
Little Rissington	b2obcy	81	14·1	-
Ross-on-Wye	b2obcy	84	13·6	-
Shawbury ...	bbybcb	83	10·8	-
Bristol ...	bcy	85	14·1	-
Exeter ...	bcbybccb	79	12·1	-
Portland Bill				
Plymouth ...	cybcybycybcyb	81	12·1	-
Chivenor ...	bcybycbc	86	12·5	-
St. Eval ...	bybcycycbc	79	11·[illegible]	-
Lizard ...	bcbc	67	8·9	-
Scilly, St. Mary's	bbcyc	78	9·6	-
Guernsey ...	bc2obb2obcb2cb2o	74	12·5	-
Aberporth ...	bbcc	71	12·7	-
Pembroke ...	bcmo	76	12·9	-
Holyhead (Valley)	bbcycb	79	13·3	-
Manchester ...	bycyb	83	9·8	-
Squires Gate...	b2obybccbc	73	11·7	-
Silloth ...	cbc	72		-
Finningley ...	b2oybybcc2o	87	4·5	-
Spurn Head ...	b2oc	75	*	-
Leeming ...	bycyc2	85	12·7	-
Tynemouth ...	bcmo	68		-
St. Abb's Head	bmobcmocmo	72		-
Leuchars ...	bmobc2omo	71	8·5	-
Eskdalemuir...	~~cbc~~ cbc	77	7·9	-
Prestwick ...	cbcc	71	8·8	-
West Freugh...	cbybc	75	*	-
Rosaldsway ...	bybcycb	70	13·0	-
Tiree ...	c	64	0·0	-
Benbecula ...	bc01doc	63	4·1	Tr
Stornoway ...	cbcc	65	4·5	-
Cape Wrath ...	dfc	58		0·6
Sule Skerry ...		59	*	-
Loch Rannoch				
Dyce ...	c2o c1do c1ro cmo	65	4·9	Tr
Lossiemouth...	cd	67	1·9	Tr
Wick ...	ddofc	60	0·2	Tr
Lerwick ...	c1doc	59	0·4	Tr
Blacksod Point	cl c-	69	3·6	0·3
Malin Head ...	c	66	*	-
Aldergrove ...	cbcbcybccbc	79	5·0	-
Castle Archdale	cqccbc	77	4·1	-
Birr Castle ...*	bc,bc	81	8·9	-
Collinstown ...*	b c.	77	13·7	-
Rineanna ...*	f bc	78	10·7	-
Valentia ...*	bc c.	72	14·7	-
Midleton ...*	bc,b	80	14·0	-

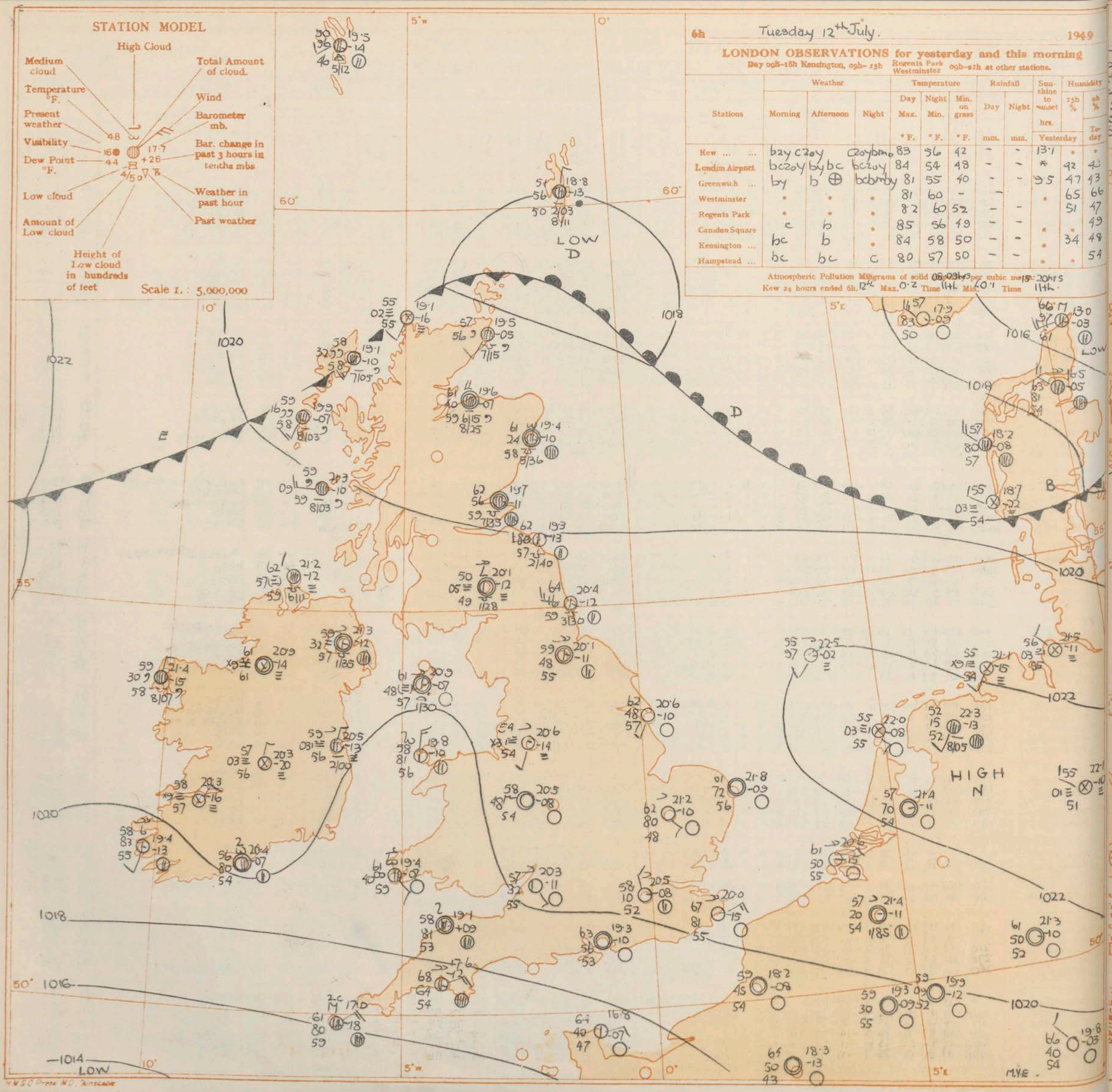
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

Cloud heights are in hundreds of feet

* Information not usually received.

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

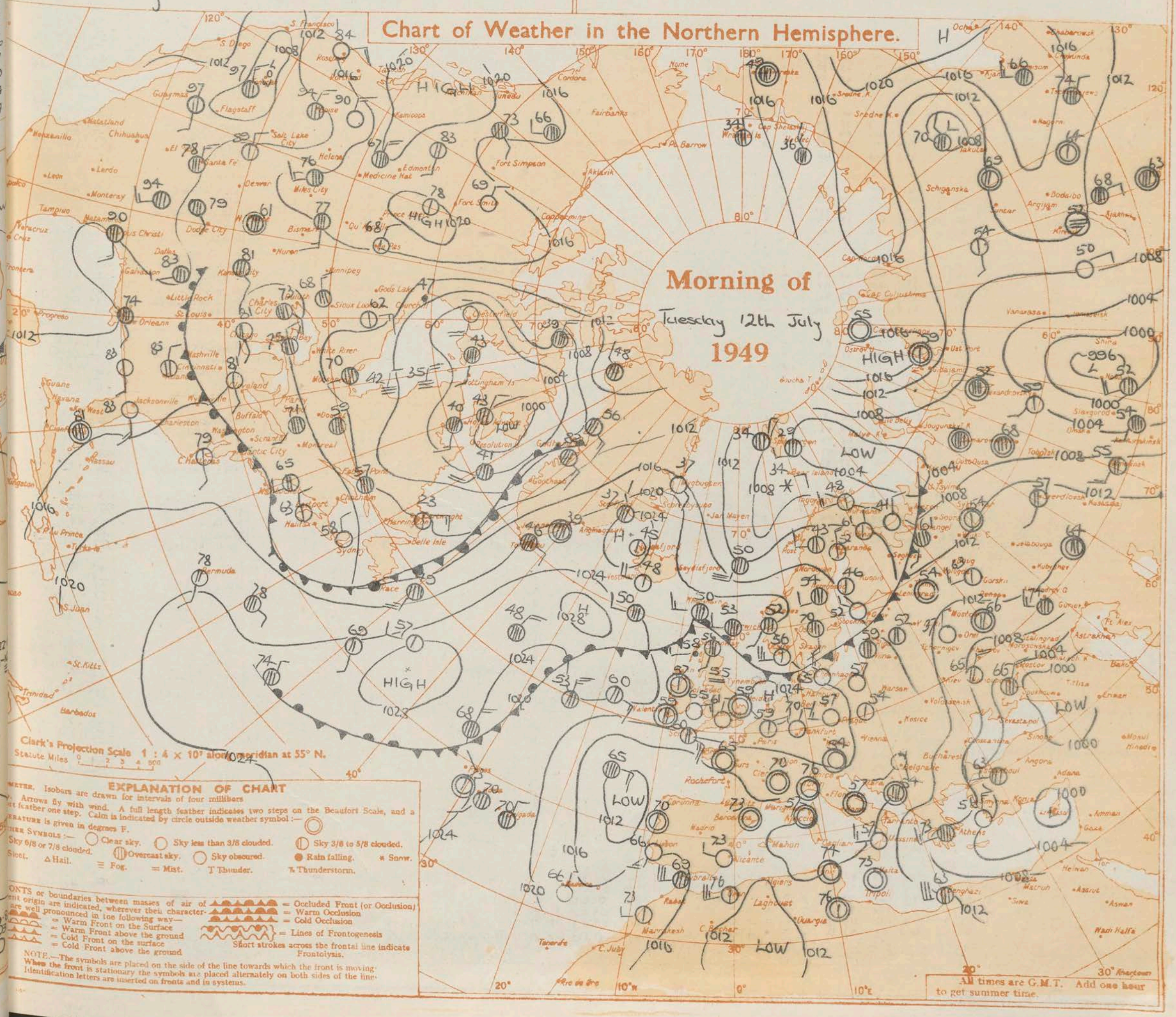

STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in tenths mbs
Dew Point °F.
Low cloud
Weather in past hour
Amount of Low cloud
Past weather
Height of Low cloud in hundreds of feet
Scale 1. : 5,000,000
6h Tuesday 12th July. 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–17h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min. °F., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 15h % | 9h % To day
Kew ... bzy czoy czoybmo 83 56 42 - - 13·1 • •
London Airport bczoy bybc bczoy 84 54 48 - - * 42 43
Greenwich ... by b ⊕ bcbrrby 81 55 40 - - 9·5 47 43
Westminster • • • 81 60 - - • 65 66
Regents Park • • • 82 60 52 - - 51 47
Camden Square c b • 85 56 49 - - • • 49
Kensington ... bc b • 84 58 50 - - • 34 48
Hampstead ... bc bc c 80 57 50 - - • • 54
Atmospheric Pollution Milligrams of solid 08-09h per cubic metre 15-20hrs
Kew 24 hours ended 6h. 12th Max. 0·2 Time 11th Min. 0·1 Time 11th
LOW D
D
E
B
HIGH N
LOW
1022
1020
1018
1016
1014
55°
50°
10°
5°W
0°
5°E
60°
M.Y.E.

GENERAL INFERENCE

A fall of pressure over the British Isles is in progress as the cold Low, West of Biscay moves North. It will be fine and very warm over most of England and Wales to-day but thundery rain will probably break out in parts of South-west England and extend to South Wales. In North and West Scotland cloudy conditions and occasional drizzle will give way to fair, cooler weather. Local rain will occur in Southern Scotland later to-day.

FURTHER OUTLOOK

Warm in many areas to-morrow but with thundery conditions becoming more general, probably terminating the drought in the next day or so.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 12th July 1949

No. 32009

OBSERVATIONS at 00hr G.M.T. 12th July

Division	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low (9)	Cloud: Form: Medium (10)	Cloud: Form: High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt 0-8 (13)	Cloud: Main layer: Ht. (14)	Cloud: Lowest layer: Amt. 0-8 (15)	Cloud: Lowest layer: Ht. (16)
0	Kew ...	18	*	*	*	*	*	*	61	*	*	*	*	*	*	*	*	
	London Airport	82	030	04	40	b	23·4	+01	61	50	-	-	-	0	0	0	-	-
1	Lympne ...	341	080	10	80	b	23·1	-02	64	53	-	-	-	0	0	0	-	-
	Tangmere ...	53	050	07	64	b	22·1	-02	65	50	-	-	-	0	0	*	-	-
	Calshot ...	8	020	02	48	z	22·4	-03	64	55	-	-	-	0	0	0	-	-
	Boscombe Down	414	020	03	48	b	22·8	~~+03~~	66	56	-	-	-	0	0	0	-	-
2	Felixtowe ...	10	060	02	56	bc	23·5	-03	57	53	-	-	2	3	-	-	-	-
	Gorleston ...	5	-	0	56	b	23·6	-05	59	56	-	7	-	1	1	81	-	-
	West Raynham	250	160	08	80	b	23·4	-01	58	49	-	-	2	1	-	-	-	-
	Mildenhall ...	15	-	0	81	bc	23·5	+02	57	49	-	7	1	4	2	-	-	-
3	Cranfield ...	340	120	04	56	b	22·9	+01	61	47	-	-	4	1	-	-	-	-
	Elmdon ...	328	-	0	56	b	23·0	+00	59	53	-	-	1	1	-	-	-	-
	Wittering ...	236	190	04	64	bc	23·3	+03	59	49	-	4	-	3	3	-	-	-
	Watnall ...	366	-	0	40	bc	23·4	+06	63	54	-	-	2	3	-	-	-	-
4	Little Rissington	740	160	09	81	b	23·1	+06	65	49	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury ...	235	270	02	64	b	23·4	+01	61	58	-	-	1	2	-	-	-	-
5	Bristol ...	209	-	0	80	b	22·7	+07	61	52	-	-	-	0	0	0	-	-
	Exeter ...	100	-	0	32	b	22·7	-04	53	51	-	-	2	1	-	-	-	-
	Portland Bill	32	090	05	51	~~0~~ bc	22·3	xx	65	53	-	4	-	1	-	-	-	-
	Plymouth ...	90	-	0	48	b	21·6	-07	57	52	-	-	-	0	0	0	-	-
	Chivenor ...	20	-	0	80	b	22·9	~~-04~~	61	54	-	-	-	0	0	0	-	-
	St. Eval ...	336	-	0	64	b	21·6	-10	63	53	-	3	-	1	1	83	-	-
	Lizard ...	240	110	16	64	b	20·3	-18	61	56	-	-	1	1	1	-	-	-
	Scilly, St. Mary's	163	090	13	64	b	20·3	-18	61	56	-	-	1	1	1	-	-	-
	Guernsey ...	340	060	08	48	z	20·2	-13	64	57	-	-	1	1	-	-	-	-
	Aberporth ...	375	-	0	80	b	22·3	+03	58	55	-	-	1	2	-	-	-	-
6	Pembroke ...	142	050	08	81	b	22·3	+00	65	57	-	-	-	0	0	0	-	-
7	Holyhead (Valley)	32	050	05	81	bc	22·3	-02	59	57	5	-	2	5	3	50	-	-
8	Manchester ...	230	280	02	32	bc	23·2	-01	57	55	5	-	-	3	3	40	-	-
	Squires Gate ...	33	280	06	80	b	23·2	-05	62	60	-	-	1	2	2	-	-	-
	Stilloth ...	25	-	0	81	bc	22·6	-06	60	56	-	3	-	4	4	-	-	-
9	Finningley ...	52	250	06	20	bc	22·5	-01	63	56	-	-	2	4	-	-	-	-
10	Spurn Head ...	29	180	10	64	b	22·6	-01	63	60	-	-	-	0	0	0	-	-
	Leeming ...	105	-	0	14	b	22·0	-02	62	57	-	-	-	0	0	0	-	-
	Tynemouth ...	108	270	10	24	bc	22·4	-08	67	61	5	-	-	4	4	52	-	-
11	St. Abb's Head	280	270	09	48	bc	21·8	-11	59	57	5	-	-	3	3	40	-	-
	Leuchars ...	36	-	0	X5	f	22·1	-10	55	55	-	-	-	0	0	0	-	-
12	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick ...	30	-	0	81	b	23·2	-09	61	59	5	-	2	2	1	50	-	-
	West Freugh ...	52	270	04	81	b	23·6	-11	57	56	-	3	1	2	2	83	-	-
	Ronaldsway ...	55	-	0	80	b	23·0	-03	55	53	-	-	1	1	-	-	-	-
13A	Tiree ...	29	270	09	02	f	23·3	-11	59	59	-	-	-	9	9	0	-	-
13B	Benbecula ...	16	200	13	80	o	22·0	-13	59	57	6	-	-	8	8	06	-	-
	Stornoway ...	10	240	05	80	ir.	22·0	-09	58	56	5	-	-	8	8	20	2	12
	Cape Wrath ...	367	230	05	X5	f	22·6	-03	55	55	-	-	-	9	9	0	-	-
	Sule Skerry ...	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce ...	234	-	0	18	c	22·3	-05	59	57	5	-	-	6	6	25	-	-
	Lossiemouth ...	21	-	0	24	o	22·0	-09	60	58	5	-	-	8	8	21	-	-
	Wick ...	119	160	05	24	c	21·9	-10	56	55	5	3	-	7	4	18	-	-
16	Lerwick ...	269	310	05	50	o	21·8	-11	53	51	5	-	-	8	8	09	-	-
17	Blacksod Point	18	310	03	58	o	23·7	-07	61	60	6	-	-	8	8	09	-	-
18	Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove ...	220	-	0	81	b	24·0	-03	57	56	5	-	1	2	2	35	-	-
	Castle Archdale	225	310	02	80	c	23·2	-08	62	61	6	7	-	7	7	80	4	15
19	Birr Castle ... *	187	040	05	81	bc	22·9	-02	61	57	-	-	8	4	4	85	-	-
	Coltnstown ... *	226	140	01	81	b	23·0	-04	59	53	5	3	1	1	1	48	-	-
	Rineanna ... *	10	270	08	81	b	23·2	+00	59	58	-	-	2	2	-	-	-	-
20	Valentia ... *	30	-	0	82	bc	22·8	+01	59	55	-	-	2	4	-	-	-	-
	Midleton ... *	30		0	80	bc	22·9	-03	52	51	-	3	-	4	4	85	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 12th July

Division	Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt. 0-8 (31)	Cloud: Lowest layer: Ht. (32)	9 h. State of ground (33)
0	Kew ...	050	02	03	b	21·1	-10	63	55	-	-	-	0	0	0	-	-	0
	London Airport	360	05	10	b	20·5	-08	58	52	-	-	1	1	-	-	-	-	0
1	Lympne ...	090	10	81	b	20·0	-15	67	55	-	-	2	1	-	-	-	-	0
	Tangmere ...	050	08	64	b	19·0	-12	67	55	-	-	-	0	0	0	-	-	0
	Calshot ...	—	0	56	b	19·3	-10	63	52	-	-	-	0	0	0	-	-	0
	Boscombe Down	060	02	32	b	21·1	-02	62	52	-	-	1	2	-	-	-	-	0
2	Felixtowe ...	—	0	56	b	20·7	-12	62	57	-	-	2	1	-	-	-	-	0
	Gorleston ...	—	0	72	b	21·8	-09	61	56	-	-	-	0	0	0	-	-	0
	West Raynham	170	04	82	b	20·9	-14	61	50	-	-	2	1	-	-	-	-	0
	Mildenhall ...	—	0	56	bc	20·7	-11	59	51	-	7	2	3	1	-	-	-	0
3	Cranfield ...	090	05	57	b	20·1	-14	63	52	-	-	1	1	-	-	-	-	0
	Elmdon ...	—	0	48	b	20·5	-08	58	54	-	-	-	0	0	0	-	-	0
	Wittering ...	—	0	64	b	20·8	-12	59	49	-	-	2	1	-	-	-	-	0
	Watnall ...	190	02	24	b	20·6	-11	62	54	-	-	1	1	-	-	-	-	0
4	Little Rissington	—	0	80	b	20·3	~~-08~~	63	51	-	-	1	1	-	-	-	-	0
	Ross-on-Wye	340	01	24	2	21·1	-08	57	53	-	-	1	2	-	-	-	-	0
	Shawbury ...	270	02	24	b	21·2	-08	55	52	-	4	1	1	1	-	-	-	0
5	Bristol ...	160	02	32	b	20·3	-11	57	55	-	-	1	2	-	-	-	-	0
	Exeter ...	—	0	56	bc	19·3	-08	55	51	-	-	1	4	-	-	-	-	0
	Portland Bill																	0
	Plymouth ...	090	08	64	c	17·6	-12	68	54	-	-	2	7	-	-	-	-	0
	Chivenor ...	—	0	81	bc	19·1	-09	58	53	-	-	6	8	-	-	-	-	0
	St. Eval ...	010	02	81	c	18·5	-11	62	53	-	-	7	7	-	-	-	-	0
	Lizard ...	100	18	56	c	16·7	-13	63	55	-	-	5	6	-	-	-	-	0
	Scilly, St. Mary's	080	10	80	c	17·0	-18	61	59	-	8	7	7	4	70	-	-	0
	Guernsey ...	110	03	64	b	17·1	-03	68	56	-	-	9	2	-	-	-	-	0
	Aberporth ...	—	0	80	bc	19·7	+12	60	58	-	-	6	5	-	-	-	-	0
6	Pembroke ...	050	08	46	bc	19·3	-08	62	59	-	7	8	5	1	83	-	-	0
7	Holyhead (Valley)	360	08	81	b	19·8	-10	58	56	-	-	9	2	-	-	-	-	0
8	Manchester ...	190	03	X3	bf+	20·6	-14	59	54	-	-	1	1	-	-	-	-	0
	Squires Gate ...	090	04	09	b	20·5	-16	57	56	-	3	1	2	2	83	-	-	0
	Stilloth ...	—	0	04	bf+	20·7	-15	60	59	-	3	2	2	2	-	-	-	0
9	Finningley ...	160	03	24	b	20·5	-11	57	53	-	-	-	0	0	0	-	-	0
10	Spurn Head ...	200	02	48	b	20·6	-10	62	57	-	-	-	0	0	0	-	-	0
	Leeming ...	—	0	48	bc	20·1	-11	59	55	-	-	2	3	-	-	-	-	0
	Tynemouth ...	270	09	16	bc	20·9	-12	64	59	5	-	-	3	3	30	-	-	0
11	St. Abb's Head	270	05	80	b	19·3	-13	62	57	5	-	-	2	2	40	-	-	0
	Leuchars ...	—	0	56	c	19·7	-11	62	55	5	-	-	7	7	35	-	-	0
12	Eskdalemuir ...	—	0	05	bf-	~~20·4~~ 21·0	-12	50	49	5	3	-	2	1	28	-	-	0
	Prestwick ...	—	0	24	o	20·9	-13	62	60	6	-	-	8	6	05	1	01	0
	West Freugh ...	310	04	81	c	21·5	-11	62	61	6	3	-	7	5	03	-	-	0
	Ronaldsway ...	—	0	48	if	20·9	-07	61	57	1	-	1	2	1	30	-	-	0
13A	Tiree ...	270	09	09	id.	21·3	-10	59	58	6	-	-	8	8	03	-	-	1
13B	Benbecula ...	260	07	16	d.o.d.	19·9	-07	59	58	6	-	-	8	8	03	-	-	1
	Stornoway ...	250	07	32	d.o.d.	19·1	-10	58	58	6	-	-	8	7	05	-	-	1
	Cape Wrath ...	230	05	02	f	19·1	-16	55	55	-	-	-	9	9	-	-	-	1
	Sule Skerry ...	230	02	10	if	19·3	-10	58	55	6	-	-	8	8	10	-	-	1
14	Loch Rannoch																	
15	Dyce ...	—	0	24	c	19·4	-10	61	58	6	3	-	7	7	80	5	30	0
	Lossiemouth ...	—	0	40	o	19·6	-07	61	59	6	2	-	8	8	25	6	15	0
	Wick ...	260	05	14	id.	19·5	-05	57	56	5	-	-	7	7	15	-	-	0
16	Lerwick ...	360	06	56	o	18·8	-13	51	50	6	-	-	8	8	11	2	03	1
17	Blacksod Point	360	05	30	id.	21·4	-15	59	58	7	-	-	8	8	07	-	-	1
18	Malin Head ...	320	01	57	if	21·2	-12	62	59	5	-	-	6	6	11	-	-	0
	Aldergrove ...	—	0	02	bc	21·3	-12	59	57	5	-	1	3	1	35	-	-	0
	Castle Archdale	—	0	X9	f	20·9	-14	61	61	-	-	-	9	9	-	-	-	0
19	Birr Castle ... *	360	05	03	f	20·3	-20	57	56	-	-	-	9	9	-	-	-	0
	Coltnstown ... *	360	02	03	bcf	20·5	-13	59	56	6	-	-	1	2	-	-	-	0
	Rineanna ... *	040	04	X9	f	20·3	-16	58	57	-	-	-	9	9	-	-	-	0
20	Valentia ... *	210	04	83	bc	19·4	-13	58	55	-	4	2	3	1	83	-	-	0
	Midleton ... *	—	0	80	bc	20·4	-07	56	54	-	3	6	4	1	85	-	-	0

OBSERVATIONS Monday NIGHT

Division	Stations	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h.: Min. °F. (39)	Temperature 21 h.–09 h.: Min. on Grass °F. (40)	Rain mm. (41)
0	Kew ...	c2oybmoub2oy	56	42	-
	London Airport	bc2oybmo cmb 2by	54	48	-
1	Lympne ...	bcbby	61	52	-
	Tangmere ...	bb2oy	59	51	-
	Calshot ...	bbmo	61	53	-
	Boscombe Down	bcbbcy	58	47	-
2	Felixtowe ...	bbc6moW	56	42	-
	Gorleston ...	bcwbwb	55	45	-
	West Raynham	bcby	55	39	-
	Mildenhall ...	bbcby	47	41	-
3	Cranfield ...	bybb2obbc	54	42	-
	Elmdon ...	bb2omo2oyby	49	42	-
	Wittering ...	bybcbby	51	46	-
	Watnall ...	cyc2oy	~~52~~ 49	48	-
4	Little Rissington	bcycy	59	49	-
	Ross-on-Wye	bcbmobcb2	53	*	-
	Shawbury ...	bbf9wb	52	45	-
5	Bristol ...	bcybwbc	52	42	-
	Exeter ...	bmowbcwcbc	51	41	-
	Portland Bill	bcbcc2	63	*	*
	Plymouth ...	bbmobccybcy	55	48	-
	Chivenor ...	bcbyc	55	49	-
	St. Eval ...	bcbybcc	60	53	-
	Lizard ...	bcc	59	*	-
	Scilly, St. Mary's	bcbbccbcc	60	*	-
	Guernsey ...	b2oc2b2o	61	59	-
	Aberporth ...	cbcbbce	53	42	-
6	Pembroke ...	bcbmo	60	*	-
7	Holyhead (Valley)	bcb	54	49	-
8	Manchester ...	bcf9ubmub	52	45	-
	Squires Gate ...	bbcffbcmo	53	47	-
	Stilloth ...	bcfbbcc	57	42	-
9	Finningley ...	bcy2obc2ob2	54	45	-
10	Spurn Head ...	bbcbb2o	60	*	-
	Leeming ...	c2bmobcmob	54	51	-
	Tynemouth ...	cbmo	62	58	-
11	St. Abb's Head	cmocFbcc	57	*	-
	Leuchars ...	cmombfcmocbc	52	50	-
12	Eskdalemuir ...	~~bcfcbc~~ bcbfgbc	47	41	-
	Prestwick ...	cbcbwbcc	57	53	-
	West Freugh ...	bbccbc	56	49	-
	Ronaldsway ...	bbjfboy	52	44	-
13A	Tiree ...	cofidmoc	58	58	0·4
13B	Benbecula ...	cdodomo	57	57	1
	Stornoway ...	ccirdodoido	57	56	1
	Cape Wrath ...	rfdf	53	52	4
	Sule Skerry ...	if	55	54	1
14	Loch Rannoch				
15	Dyce ...	cmoc	56	50	-
	Lossiemouth ...	cdc	~~50~~ 47		tr
			59	58	
	Wick ...	cfidoc	55	56	01
16	Lerwick ...	coromodod	50	49	03
17	Blacksod Point	cd	57	52	tr
18	Malin Head ...	f	58	*	01
	Aldergrove ...	bcbbcfomocfgc	55	45	-
	Castle Archdale	ccmofoido	60	58	tr
19	Birr Castle ... *	bcf	56	48	-
	Coltnstown ... *	bcf	54	47	-
	Rineanna ... *	bf	54	47	-
20	Valentia ... *	cbc	55	50	-
	Midleton ... *	bc	48	41	-

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 13th July 1949

No. 32010

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

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Cloud. Form. Medium. (10)	Cloud. Form. High. (11)	Cloud. Total amount. 0-8 (12)	Cloud. Main layer. Amt. 0-8 (13)	Cloud. Main layer. Ht. (14)	Cloud. Lowest layer. Amt. 0-8 (15)	Cloud. Lowest layer. Ht. (16)
0	Kew	–	0	46	b	17·7	-19	83	50	–	–	–	0	0	0	–	–
	London Airport	090	08	44	b	17·6	-24	80	52	–	–	2	2	–	–	–	–
1	Lympne	090	08	80	b	18·0	-01	82	52	–	–	1	1	–	–	–	–
	Tangmere	130	11	32	b	17·0	-01	82	58	–	–	1	1	–	–	–	–
	Calshot	100	11	28	2	17·6	-14	71	61	–	–	1	1	–	–	–	–
	Boscombe Down	060	06	64	bc	17·8	-15	85	48	–	8	1	3	1	–	–	–
2	Felixtowe	080	08	56	b	19·5	-08	72	60	–	–	1	1	–	–	–	–
	Gorleston	130	12	64	b	20·5	-02	66	59	–	–	1	1	–	–	–	–
	West Raynham	270	03	81	bc	18·6	-13	83	54	–	–	2	4	–	–	–	–
	Mildenhall	110	02	81	bc	18·6	-15	86	53	–	–	2	5	–	–	–	–
3	Cranfield	080	05	80	bc	17·9	-18	83	50	–	8	2	4	1	–	–	–
	Elmdon	040	06	81	bc	18·5	-13	80	47	–	8	3	5	1	83	–	–
	Wittering	180	07	81	bc	18·5	-18	83	50	–	–	8	5	–	–	–	–
	Watnall	230	05	48	bc	17·9	-01	83	52	–	–	1	5	–	–	–	–
4	Little Rissington	–	0	81	bc	17·4	-24	81	50	–	–	6	4	–	–	–	–
	Ross-on-Wye	070	08	64	b	18·4	-20	82	51	–	–	3	1	–	–	–	–
	Shawbury	–	0	80	bc	17·8	-21	83	53	–	–	2	5	–	–	–	–
5	Bristol	040	04	81	bc	17·0	-23	85	51	–	–	2	4	–	–	–	–
	Exeter	160	11	64	0	16·6	-21	85	58	–	–	7	8	–	–	–	–
	Portland Bill	100	09	40	2	17·2	-14	68	60	–	–	8	6	6	26	–	–
	Plymouth	090	14	80	c	15·6	-12	80	55	–	–	6	–	–	–	–	–
	Chivenor	090	09	81	bc	16·4	-21	86	49	–	–	2	4	–	–	–	–
	St. Eval	060	07	80	c	15·2	-15	84	61	–	–	8	7	–	–	–	–
	Lizard	110	17	48	c	14·8	-17	70	59	6	–	5	6	3	30	–	–
	Scilly, St. Mary's	080	13	48	c	15·0	-21	69	56	–	8	2	7	3	60	–	–
	Guernsey	060	10	48	b	15·3	-13	78	58	–	–	1	2	–	–	–	–
	Aberporth	040	06	80	bc	17·5	-16	73	55	–	–	6	4	–	–	–	–
6	Pembroke	–	0	32	2	17·6	-20	75	60	–	–	8	4	–	–	–	–
7	Holyhead (Valley)	020	10	81	c	18·3	-08	78	66	–	–	2	7	7	–	–	–
8	Manchester	260	04	24	b	18·2	-18	82	59	1	–	1	2	1	50	–	–
	Squires Gate	300	08	64	b	19·3	-10	73	62	–	–	1	1	–	–	–	–
	Silloth	260	07	83	c	19·2	-12	75	58	2	3	2	6	4	80	2	35
9	Pinningley	060	10	40	b	17·5	-23	86	60	–	–	–	0	0	0	–	–
10	Spurn Head	110	08	32	2	18·5	-16	78	63	5	–	8	2	2	30	–	–
	Leeming	–	0	48	b	17·7	-16	81	60	1	–	1	1	1	30	–	–
	Tynemouth	130	09	32	bc	19·3	-09	70	63	1	–	1	4	2	28	–	–
11	St. Abb's Head	270	05	80	c	18·2	-06	65	54	5	–	–	7	7	31	–	–
	Leuchars	220	04	82	c	18·1	-08	72	56	8	–	–	7	7	30	3	22
12	Eskdalemuir	280	07	82	c	18·4	-05	70	57	8	–	–	7	7	25	–	–
	Prestwick	310	09	82	bc	19·9	-01	69	58	8	–	1	5	5	40	2	25
	West Freugh	350	13	83	bc	19·9	-09	71	61	2	4	2	5	2	25	–	–
	Ronaldsway	110	10	80	jf	19·1	-12	71	59	1	–	1	3	1	30	–	–
13A	Tiree	310	07	80	d/d	20·7	-01	62	59	1	7	5	7	3	03	1	02
13B	Benbecula	310	10	83	b	19·8	+04	63	56	6	3	–	2	1	19	2	16
	Stornoway	310	15	81	c	18·9	+00	63	57	5	–	–	7	7	15	4	10
	Cape Wrath	230	02	02	of	18·7	-02	57	57	–	–	–	9	9	0	–	–
	Sule Skerry	090	05	10	fof	18·6	-02	55	55	6	–	–	8	8	10	–	–
14	Loch Rannoch																
15	Dyce	100	08	72	0	18·7	-01	64	59	5	–	–	8	6	30	1	20
	Lossiemouth	030	06	82	c	18·2	-05	67	58	8	–	–	6	4	35	3	20
	Wick	060	10	81	c	18·6	-03	59	54	6	3	–	7	6	08	–	–
16	Lerwick	310	10	81	0	18·3	-01	55	51	5	–	–	8	8	15	–	–
17	Blacksod Point	020	09	81	bc	20·4	-10	65	60	1	–	–	3	3	19	–	–
18	Malin Head	320	02	50	bc	20·6	-07	63	59	5	–	–	5	5	11	–	–
	Aldergrove	–	0	82	bc	20·1	-13	72	60	2	–	2	5	4	25	–	–
	Castle Archdale	–	0	82	c	19·8	-18	71	61	8	–	2	6	4	35	2	22
19	Birr Castle *	310	05	81	c	19·0	-12	79	60	4	–	–	6	6	35	–	–
	Collinstown *	100	08	81	c	19·2	-11	72	56	1	–	6	7	1	35	–	–
	Rineanna *	080	06	81	c	18·3	-18	75	59	1	4	2	7	5	85	1	25
20	Valentia *	090	05	81	c	16·6	-29	75	58	–	3	2	7	3	83	–	–
	Midleton *	090	13	81	c	17·0	-24	78	58	–	3	2	7	5	85	–	–

* Rainfall read at 1800.

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

District	Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Cloud. Form. Medium. (26)	Cloud. Form. High. (27)	Cloud. Total amount. 0-8 (28)	Cloud. Main layer. Amt. 0-8 (29)	Cloud. Main layer. Ht. (30)	Cloud. Lowest layer. Amt. 0-8 (31)	Cloud. Lowest layer. Ht. (32)	21 b State of ground (33)
0	Kew	090	11	46	b	14·5	-11	82	48	–	–	–	0	0	0	–	–	0
	London Airport	090	13	56	b	14·1	-17	83	50	–	–	–	0	0	0	–	–	0
1	Lympne	060	11	64	b	14·9	-11	78	51	–	–	–	0	0	0	–	–	0
	Tangmere	130	12	40	b	13·9	-17	83	53	–	–	–	0	0	0	–	–	0
	Calshot	160	11	32	2	13·9	-16	71	62	–	–	1	1	–	–	–	–	0
	Boscombe Down	150	08	48	bc	13·9	-12	83	56	–	–	8	3	–	–	–	–	0
2	Felixtowe	070	11	81	b	16·1	-17	70	57	–	–	2	1	–	–	–	–	0
	Gorleston	160	06	64	b	17·5	-19	66	57	–	–	1	1	–	–	–	–	0
	West Raynham	150	13	81	bc	15·6	-13	78	47	–	8	2	4	1	–	–	–	0
	Mildenhall	130	07	82	b	15·3	-14	82	48	–	8	3	2	–	–	–	–	0
3	Cranfield	080	11	80	b	14·7	-19	83	48	–	–	1	1	–	–	–	–	0
	Elmdon	080	05	81	c	13·9	-17	85	50	–	–	6	6	–	–	–	–	0
	Wittering	180	09	81	bc	14·6	-17	85	46	–	4	8	4	1	85	–	–	0
	Watnall	160	05	81	bc	14·3	-19	84	46	–	–	2	5	–	–	–	–	0
4	Little Rissington	070	09	81	bc	13·4	-19	82	45	–	–	2	4	–	–	–	–	0
	Ross-on-Wye	080	02	81	c	14·3	-15	84	52	–	–	8	6	–	–	–	–	0
	Shawbury	340	14	72	bc	14·6	-08	78	59	–	–	2	5	–	–	–	–	0
5	Bristol	090	05	80	b	13·5	-15	87	48	–	–	2	2	–	–	–	–	0
	Exeter	–	0	64	bc	13·0	-15	77	57	–	–	8	3	–	–	–	–	0
	Portland Bill	080	09	40	2	13·2	-22	68	60	–	–	8	5	5	86	–	–	0
	Plymouth	070	10	80	bc	11·9	-05	79	51	–	7	2	4	4	–	–	–	0
	Chivenor	090	07	81	bc	12·4	-17	85	52	–	–	3	3	–	–	–	–	0
	St. Eval	130	10	81	bc	11·9	-17	83	57	–	7	9	3	2	–	–	–	0
	Lizard	110	13	48	2	11·4	-20	69	57	–	8	–	3	3	98	–	–	0
	Scilly, St. Mary's	110	13	56	d/hr	12·8	-03	73	60	–	8	–	7	7	60	–	–	0
	Guernsey	070	16	48	2	11·0	-21	79	53	–	–	1	1	–	–	–	–	0
	Aberporth	030	61	80	c	14·2	-18	71	61	–	–	6	7	–	–	–	–	0
6	Pembroke	020	08	80	bc	13·7	-22	80	63	–	–	6	3	–	–	–	–	0
7	Holyhead (Valley)	050	13	81	c	15·3	-12	72	63	–	–	9	6	–	–	–	–	0
8	Manchester	330	09	32	c	14·4	-16	79	55	–	3	6	7	1	–	–	–	0
	Squires Gate	350	13	81	bc	15·6	-20	71	61	–	3	2	5	4	–	2	83	0
	Silloth	250	08	82	bc	16·3	-15	73	60	1	3	5	5	1	35	–	–	0
9	Pinningley	070	14	56	bc	14·1	-16	81	59	–	3	–	3	3	–	–	–	0
10	Spurn Head	130	14	40	bc	15·2	-11	70	58	–	7	–	3	3	60	–	–	0
	Leeming	030	10	32	b	15·5	~~-89~~ -01	73	60	–	–	9	2	–	–	–	–	0
	Tynemouth	130	07	56	bc	19·6	-08	66	60	1	–	1	3	3	28	–	–	0
11	St. Abb's Head	130	33	80	bc	16·3	-12	67	55	5	–	–	4	4	40	–	–	0
	Leuchars	090	17	82	c	16·5	-01	66	58	2	–	2	7	1	–	6	25	0
12	Eskdalemuir	–	0	82	bc	15·3	-13	75	58	1	4	1	3	2	28	–	–	0
	Prestwick	280	11	83	bc	17·0	-18	68	58	4	3	2	3	1	30	–	–	0
	West Freugh	350	14	84	bc	17·3	-16	68	59	1	3	5	5	1	25	–	–	0
	Ronaldsway	360	09	82	c	16·3	-17	71	58	–	3	2	7	4	84	–	–	0
13A	Tiree	350	11	82	c	18·9	-11	61	56	8	–	2	6	1	50	1	15	0
13B	Benbecula	360	14	83	c	18·6	-09	63	56	8	–	–	7	5	24	4	18	0
	Stornoway	020	18	80	0	19·5	+04	57	53	6	–	–	8	8	15	5	07	1
	Cape Wrath	050	13	04	f-	19·4	+38	53	53	–	–	–	9	9	0	–	–	1
	Sule Skerry	360	09	81	c	19·1	+01	54	52	8	–	–	7	7	45	–	–	1
14	Loch Rannoch																	
15	Dyce	090	03	40	pf	17·4	-05	62	58	8	–	–	7	7	35	4	20	0
	Lossiemouth	070	15	82	0	18·0	+08	60	56	6	–	–	8	8	20	–	–	0
	Wick	030	09	80	d/d	19·1	+00	54	52	6	–	–	8	8	08	–	–	1
16	Lerwick	310	15	82	0	17·9	-05	55	50	8	3	–	8	4	20	4	10	1
17	Blacksod Point	030	21	81	bc	17·6	-11	63	60	1	–	6	5	4	22	–	–	0
18	Malin Head	360	02	48	d/d	18·8	-08	59	57	5	–	–	7	7	11	–	–	0
	Aldergrove	330	10	82	c	17·2	-15	70	60	4	–	6	6	2	25	–	–	0
	Castle Archdale	050	10	83	bc	16·6	~~-80~~ -11	72	61	1	–	2	4	2	25	–	–	0
19	Birr Castle *	040	05	81	0	14·8	-22	79	59	5	1	–	8	6	40	–	–	0
	Collinstown *	080	09	82	c	16·2	-13	66	59	–	7	–	7	7	84	–	–	0
	Rineanna *	050	06	81	0	13·8	-26	77	60	5	7	–	8	7	80	1	50	0
20	Valentia *	200	05	81	0	13·4	-17	76	61	–	7	–	8	8	70	–	–	0
	Midleton *	090	09	81	c	13·8	-21	72	60	–	7	2	7	5	83	–	–	0

OBSERVATIONS during DAY (12th)

Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h. 21h. °F (35)	Sunshine. (36)	Rain 09h. 21h. mm. (37)
Kew	bzoybybzoy.	86	13·9	-
London Airport	pbcbzoy	89	*	-
Lympne	by	84	14·5	-
Tangmere	bzoy	84	14·7	-
Calshot	bzobmo	71	14·5	-
Boscombe Down	bcycybcyby	89	12·8	-
Felixtowe	b	73	14·5	-
Gorleston	bbcmob	73	14·9	-
West Raynham	bybcy	86	14·6	-
Mildenhall	bybcybyv	88	14·1	-
Cranfield	bcyby	88	14·9	-
Elmdon	bcycybcy	86	x	-
Wittering	bybcy	87	13·6	-
Watnall	bzoybcoy	88	13·8	-
Little Rissington	cyby.	85	11·9	-
Ross-on-Wye	pczobycyby	88	11·4	-
Shawbury	pcyoybc	87	13·4	—
Bristol	bcycybcy	90	13·3	-
Exeter	bcbcycycybcybc.	87	12·3	-
Portland Bill	czbczczbcz.	70	•	*
Plymouth	bcycy	84	10·8	-
Chivenor	cybcyby	90	10·5	-
St. Eval	ccybcy	87	8·3	-
Lizard	cbcz	71	8·7	-
Scilly, St. Mary's	cbccbtrbc.	78	6·5	TR
Guernsey	bzbcbzbcz.	82	13·3	-
Aberporth	cbcbyb.	74	10·7	-
Pembroke	bcmo	81	10·8	-
Holyhead (Valley)	bbcc	79	10·3	-
Manchester	bybcc	87	10·3	-
Squires Gate	bzobbc	76	11·5	-
Silloth	ccybc	78	•	-
Pinningley	bzbczoybczoczo	90	12·2	-
Spurn Head	bczocmo	78	13·1	-
Leeming	bzoy	88	12.8	-
Tynemouth	bcmobc	71	•	-
St. Abb's Head	cbcmobc	72	•	-
Leuchars		78	7·8	-
Eskdalemuir	cbcybc	77	11·8	-
Prestwick	cbccbc.	72	8·8	-
West Freugh	bcvbc	73	•	-
Ronaldsway	cybcc.	75	13·0	-
Tiree	cidobcb	66	6·1	TR
Benbecula	cidobccprocc	65	7·5	TR
Stornoway	cerofomoc	65	0·7	0·2
Cape Wrath	rfid.	57	•	9
Sule Skerry		57	*	5
Loch Rannoch				
Dyce	cidomocprocmo	68	1·5	TR
Lossiemouth		70	6·9	—
Wick	cdcdmoc	63	1·2	/
Lerwick	cidoc	60	2·9	TR
Blacksod Point	bc c.	67	9·3	-
Malin Head	c d.	65	*	TR
Aldergrove	cbcc	76	10·6	-
Castle Archdale	bidobc.	77	7·6	TR
Birr Castle	fc	83	5·8	-
Collinstown	fc	75	10·2	-
Rineanna	fc	82	5·4	-
Valentia	cfc	79	4·3	TR
Midleton	c.fc.	79	3·7	-

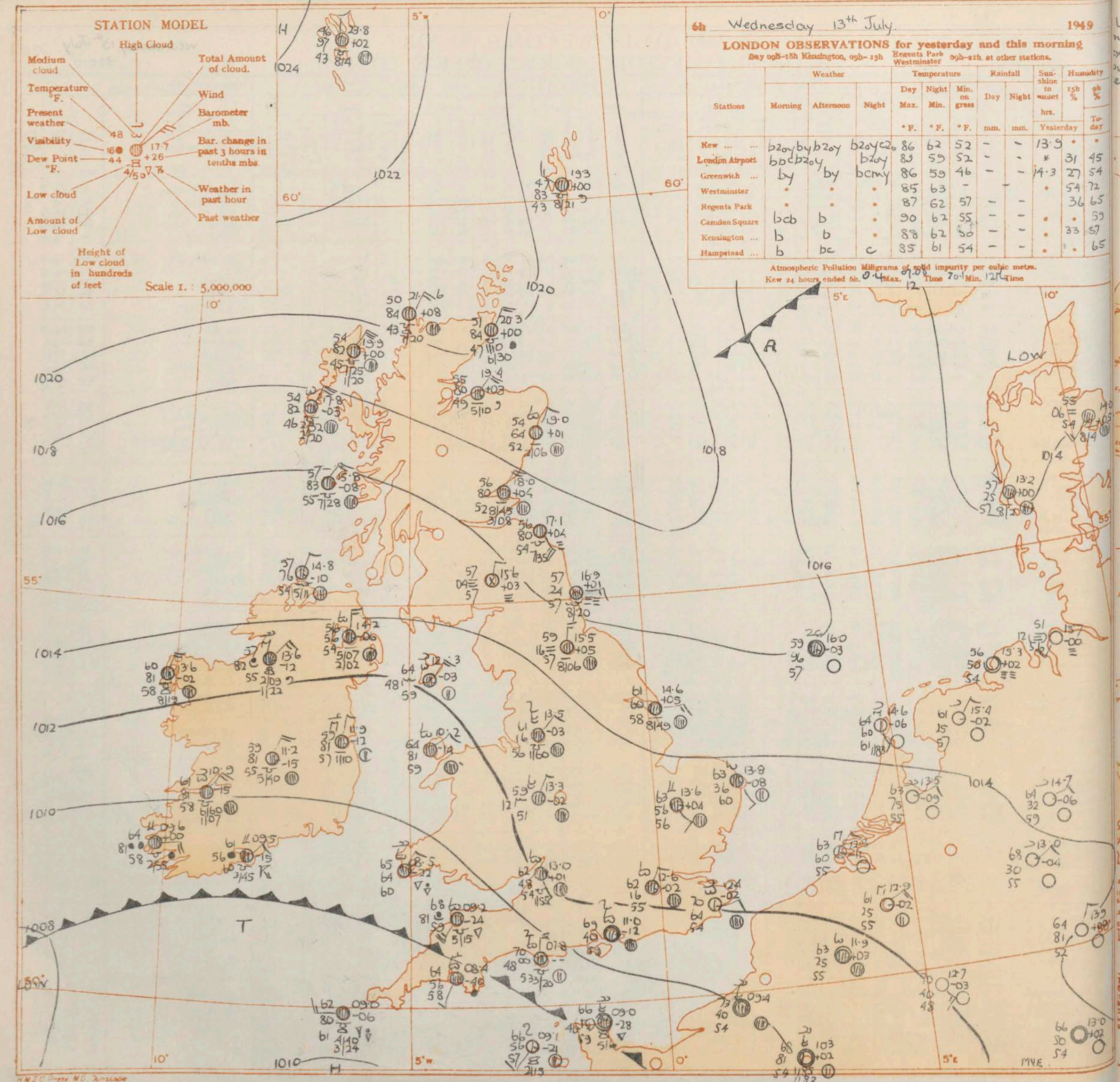
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered (" Oktas "). " Trace " is included in figure 1. " Overcast but with openings " is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

* * Cloud heights are in hundreds of feet

* Information not usually received.

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



H.M.S.O. Press N.D. Dunstable

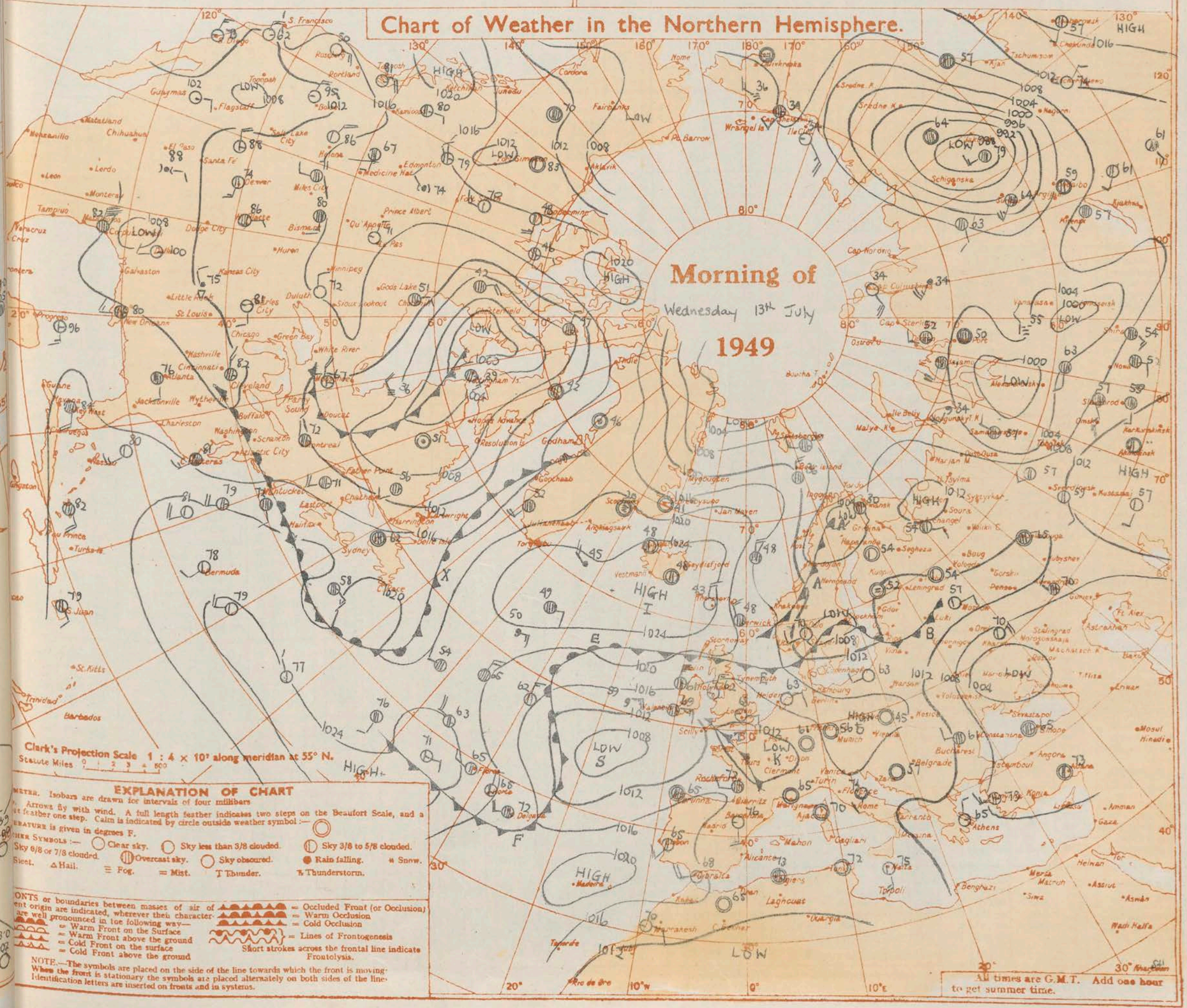
GENERAL INFERENCE

Unsettled thundery conditions are spreading slowly across the country, though mounts of rainfall may be only slight in many parts of the country during the ext 24 hours, and considerable fair periods are expected, particularly in the south. udy with intermittent thundery rain in North England, Scotland and North eland. Rather cooler in all areas, but still close

FURTHER OUTLOOK

Unsettled thundery conditions continuing for next few days with an expectation of appreciable rainfall in all areas during that period.

Chart of Weather in the Northern Hemisphere.



EXPLANATION OF CHART

METER. Isobars are drawn for intervals of four millibars

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

ERATURE is given in degrees F.

HER SYMBOLS :— Clear sky. Sky less than 3/8 clouded. Sky 3/8 to 5/8 clouded.
Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow.
Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

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

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 13th July 1949

No. 32010

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

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt 0-8 (15)	Lowest layer Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	66	•	•	•	•	•	•	•	•	
	London Airport	82	060	05	32	b	13.5	-08	68	51	-	-	1	1	-	-	-	-
1	Lympne ...	341	080	13	40	b	14.0	-06	69	55	-	-	-	0	0	0	-	-
	Tangmere ...	53	060	13	48	bc	12.4	-10	71	57	-	-	1	5	-	-	-	-
	Calshot ...	8	090	06	32	bc	12.6	-05	70	59	-	3	1	3	2	-	-	-
	Boscombe Down	414	050	11	56	bc	13.1	-05	67	53	-	8	1	3	2	-	-	-
2	Felixtowe ...	10	070	10	80	b	14.7	-06	64	57	-	-	-	0	0	0	-	-
	Gorleston ...	5	340	03	72	b	15.8	-06	62	57	-	-	-	0	0	0	-	-
	West Raynham	250	110	08	80	b	15.3	-03	59	47	-	-	-	0	0	0	-	-
	Mildenhall ...	15	140	05	81	b	14.7	-06	59	49	-	-	-	0	0	0	-	-
3	Cranfield ...	340	070	10	56	b	14.3	-06	64	47	-	-	1	1	-	-	-	-
	Elmdon ...	326	120	08	80	b	13.6	-05	65	48	-	-	-	0	0	0	-	-
	Wittering ...	236	160	03	64	b	14.5	-02	64	49	-	-	-	0	0	0	-	-
	Watnall ...	366	040	04	24	b	15.0	+05	61	55	-	-	1	1	-	-	-	-
4	Little Rissington	740	070	07	81	b	13.7	-03	65	47	-	4	2	2	1	85	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	-	0	80	b	13.8	-09	60	57	-	3	2	2	1	83	-	-
5	Bristol ...	209	180	02	56	c	12.6	-03	65	55	-	3	2	6	4	84	-	-
	Exeter ...	100	-	0	48	bc	11.6	-09	62	57	-	5	-	4	-	-	-	-
	Portland Bill	32	080	19	48	2	10.2	-25	71	55	6	1	8	7	3	86	3	15
	Plymouth ...	90	270	20	48	pr.	12.8	+19	68	56	-	9	-	7	4	-	-	-
	Chivenor ...	20	-	0	81	bc	12.1	+00	66	56	-	3	-	5	4	83	-	-
	St. Eval ...	336	200	07	48	pr.	13.9	+10	64	58	-	8	-	7	7	80	-	-
	Lizard ...	240	-	0	48	r./tr	12.7	+12	65	58	6	-	-	8	8	15	-	-
	Scilly, St. Mary's	163	100	07	80	t	12.3	+01	65	60	3	-	-	8	8	20	-	-
	Guernsey ...	340	240	05	40	2	10.5	+03	70	55	-	-	7	8	-	-	-	-
	Aberporth ...	375	-	0	64	c	12.5	-08	59	57	-	-	2	6	-	-	-	-
6	Pembroke ...	142	030	08	80	2	11.4	-17	70	58	-	-	2	2	-	-	-	-
7	Holyhead (Valley)	32	020	08	80	b	13.3	-10	62	60	-	3	-	1	1	-	-	-
8	Manchester ...	230	-	0	24	2	14.5	-04	65	57	-	3	6	6	2	83	-	-
	Squires Gate ...	33	060	07	80	b	14.4	-10	64	59	-	-	1	1	1	-	-	-
	Silloth ...	25	060	13	81	bc	15.3	-03	62	58	-	3	5	4	1	80	-	-
9	Finningley ...	52	340	04	32	c	15.1	+02	60	55	-	3	1	6	2	-	-	-
10	Spurn Head ...	29	-	0	80	b	14.8	+00	63	60	-	-	-	0	0	0	-	-
	Leeming ...	105	310	05	28	bc	15.7	-06	62	57	-	7	-	5	-	-	-	-
	Tynemouth ...	108	360	05	56	c	17.4	-00	60	59	5	-	-	7	7	20	-	-
11	St. Abb's Head	280	160	19	64	bc	17.5	+07	59	57	5	-	-	5	5	40	-	-
	Leuchars ...	36	040	16	12	o	18.2	+07	57	56	6	-	-	8	8	c4	-	-
12	Eskdalemuir ...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	090	02	81	b	16.1	-07	59	55	-	7	1	2	-	-	-	-
	West Freugh ...	52	350	09	82	bc	16.1	-08	60	58	-	3	1	4	2	84	-	-
	Ronaldsway ...	55	350	05	82	bc	14.7	-06	64	58	5	3	2	5	1	40	-	-
13a	Tiree ...	29	030	08	83	c	18.4	+01	58	56	5	-	-	6	6	28	-	-
13b	Benbecula ...	16	030	14	82	c	19.8	+04	55	49	5	-	-	6	5	28	2	19
	Stornoway ...	10	030	13	80	c	20.9	~~xx~~ +04	55	49	5	-	-	7	7	25	3	15
	Cape Wrath ...	367	050	49	82	c	21.6	+13	51	47	5	-	-	7	7	20	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	010	02	64	b	19.7	+11	54	52	5	-	-	1	7	20	-	-
	Lossiemouth ...	21	030	15	81	o	19.9	+07	56	50	6	-	-	8	8	20	-	-
	Wick ...	119	010	10	48	id.	20.7	+06	52	51	5	-	-	8	8	08	-	-
16	Lerwick ...	269	340	09	81	c	19.5	+04	48	41	5	-	-	7	7	21	-	-
17	Blacksod Point	18	030	30	81	c	16.2	-07	61	57	8	-	-	6	6	15	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	360	04	64	o	17.3	+02	57	57	6	-	-	8	8	05	-	-
	Castle Archdale	225	050	01	81	c	16.6	+00	58	57	5	7	-	7	4	22	1	15
19	Birr Castle ... •	187	070	09	81	b	14.5	-02	64	58	-	-	-	0	0	0	-	-
	Colbinstown ... •	226	030	07	82	bc	15.2	-06	60	56	-	3	1	3	1	84	-	-
	Rineanna ... •	10	040	09	81	bc	13.2	-08	62	57	-	3	1	3	2	83	-	-
20	Valentia ... •	30	080	08	81	c	11.6	-13	69	55	5	3	-	7	6	46	-	-
	Midleton ... •	30	-	0	80	b	12.7	-14	57	53	-	3	-	3	3	83	-	-

* Rainfall read at 0600.

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

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew ...	—	0	09	c	12.5	+03	65	57	-	1	1	7	-	-	-	-	0	b2oyC2oC2o	62	52	-
London Airport	030	05	16	c	12.6	-02	62	55	-	7	-	7	7	83	-	-	0	b2oy	59	52	-
Lympne ...	090	03	64	bc	12.4	-02	70	54	-	3	1	3	2	-	-	-	0	bybcyccy	67	60	-
Tangmere ...	—	0	64	0	11.5	+01	68	57	-	7	2	8	5	83	-	-	0	b2oyccirb2oy	64	57	tr
Calshot ...	010	08	40	2	11.0	-12	69	59	-	7	6	7	3	-	-	-	0	b2oC2opro	66	60	tr
Boscombe Down	180	01	56	c	12.4	+02	63	56	-	8	-	7	7	-	-	-	0	bybccbcy	61	58	-
Felixtowe ...	060	02	48	c	13.1	+02	66	60	-	7	-	7	7	80	-	-	0	bbccmoC2o	63	59	-
Gorleston ...	130	06	36	c	13.8	-08	63	60	-	5	-	7	7	80	-	-	0	bbcwC2o	62	55	-
West Raynham	100	08	64	c	13.8	-02	60	57	-	7	2	7	7	-	4	-	0	C	54	43	-
Mildenhall ...	150	02	80	c	13.5	+05	62	57	-	7	6	7	5	-	-	-	0	bybccbcy	58	47	-
Cranfield ...	040	05	56	c	13.0	-07	64	55	-	3	6	7	4	-	-	-	0	bybcC2o	61	55	-
Elmdon ...	050	02	12	c	13.3	-02	59	51	-	9	-	7	-	-	-	-	0	bybcC2o	55	44	-
Wittering ...	020	03	56	c	14.1	+06	59	49	-	7	2	7	6	84	-	-	0	byC2oC	56	53	-
Watnall ...	030	04	11	0	14.3	-01	60	56	-	2	-	8	8	-	-	-	0	bC2omobC2o	~~60~~ 56	50	-
Little Rissington	090	07	82	c	12.6	+03	63	49	-	8	6	7	5	85	-	-	0	byccy	61	58	-
Ross-on-Wye	100	03	34	2	13.0	-06	61	56	-	1	7	8	-	-	-	-	0	bccoymbc	59	*	-
Shawbury ...	050	02	16	0	12.8	00	61	55	-	7	-	8	8	81	-	-	0	bcfgcwbc	55	51	-
Bristol ...	160	03	48	0	11.0	+01	62	54	5	7	-	8	8	81	1	55	0	bbccbc	60	50	-
Exeter ...	070	15	72	ir	07.6	-52	68	54	5	7	-	7	2	35	-	-	0	bcmocbcirby	61	51	tr
Portland Bill	360	09	48	2	07.8	*	70	53	5	7	5	7	3	86	3	20	0	C2C2C2.	61	*	*
Plymouth ...	230	03	56	c	08.4	-40	64	58	-	7	8	7	3	-	-	-	0	bbccrrbcc	63	59	1
Chivenor ...	230	20	81	jp	09.2	-24	68	59	5	7	-	7	5	15	-	-	0	bybcprocbcbby	62	53	tr
St. Eval ...	090	08	81	bc	08.8	-25	65	56	2	1	8	5	3	81	1	20	1	cprobcb	61	56	2
Lizard ...	240	03	80	bc	09.5	+15	62	60	-	5	-	3	3	30	-	-	1	ohrcbc	61	*	6
Scilly, St. Mary's	270	09	80	c/pr	09.0	-06	62	61	8	-	-	6	4	40	3	24	0	cplrbc	62	*	0.4
Guernsey ...	200	03	56	bc	09.1	+03	66	57	3	-	3	3	2	15	-	-	0	ctlro	63	59	1
Aberporth ...	160	10	64	c	09.8	-10	66	54	-	8	-	7	7	-	-	-	0	bbcc	58	50	-
Pembroke ...	350	09	56	c	09.1	-02	66	57	2	7	-	6	1	25	-	-	0	bcmoc	61	*	tr
Holyhead (Valley)	050	06	81	c	10.2	-14	64	53	-	7	-	6	6	-	-	-	0	cbbcc	59	56	-
Manchester ...	050	06	16	0	13.5	-03	61	56	5	3	6	8	5	80	1	60	0	bccbc	58	50	-
Squires Gate ...	100	17	40	bc	12.9	-07	64	57	-	3	2	4	3	-	-	-	0	bcbbcc2o	58	53	-
Silloth ...	070	22	40	c	14.2	+03	59	57	6	7	2	7	5	83	2	02	0	bcc	59	56	-
Finningley ...	360	05	16	0	14.8	+06	57	55	-	7	7	8	6	-	-	-	0	C2oCmoC2obC2o	55	49	-
Spurn Head ...	090	07	40	0	14.6	+05	61	58	6	-	-	8	8	42	-	-	0	bbcomo	59	*	-
Leeming ...	360	09	16	0	15.5	+05	59	57	6	-	-	8	8	06	-	-	0	bcnzbnmcnm	58	57	-
Tynemouth ...	090	10	24	o/f	16.9	+01	57	57	5	-	-	8	8	20	-	-	0	bcccifomo	57	57	-
St. Abb's Head	160	19	80	c	17.1	+04	56	54	5	-	-	7	7	35	-	-	0	bcbcmoCFC	49	•	-
Leuchars ...	040	16	80	0	18.0	+04	56	52	6	-	-	8	8	45	3	08	0	fmoifo	55	55	tr
Eskdalemuir ...	010	06	09	f-	15.6	+03	57	57	-	-	-	9	9	-	-	-	1	bcofromomo	56	53	1.6
Prestwick ...	060	14	64	0	14.4	-03	62	57	6	-	7	8	6	83	1	10	1	bcbbccwirorb	56	53	0.6
West Freugh ...	090	02	80	c	13.9	-03	62	59	5	3	-	7	6	50	-	-	0	bcc	59	56	-
Ronaldsway ...	060	10	48	c	12.3	-03	64	59	-	3	8	7	5	83	-	-	0	cbcc	56	48	-
Tiree ...	030	14	83	c	15.8	-08	57	55	-	-	-	7	7	28	-	-	0	bwbcc	54	51	-
Benbecula ...	060	24	82	c	17.8	-03	54	46	5	3	-	6	2	32	2	20	0	cidoC	53	47	tr
Stornoway ...	060	23	82	c	19.9	00	54	45	5	-	-	7	7	25	1	20	0	C	53	52	-
Cape Wrath ...	050	09	84	c	21.6	+08	50	43	5	-	-	7	7	20	-	-	0	C	49	47	-
Sule Skerry ...	050	13	82	c	20.5	00	50	44	5	-	-	7	7	20	-	-	0	c	49	49	-
Loch Rannoch																					
Dyce ...	010	02	64	0	19.0	+01	54	52	6	7	-	8	8	80	2	06	1	cirmoC	53	54	0.6
Lossiemouth ...	070	16	80	c	19.4	+03	55	49	6	-	-	7	5	10	-	-	0	cido	53	53	tr
Wick ...	020	11	84	c	20.3	00	51	47	5	-	-	6	6	30	1	10	0	crodbcc	50	48	tr
Lerwick ...	310	10	83	0	19.3	00	47	43	5	-	-	8	8	21	-	-	0	cdodoy	45	43	tr
Blacksod Point	030	16	81	o/r	13.6	+02	60	58	8	-	-	8	8	18	-	-	0	c	58	50	-
Malin Head ...	020	05	76	bc	14.8	-10	57	54	5	-	-	5	5	11	-	-	0	c	55	*	-
Aldergrove ...	360	08	56	c	14.2	-06	56	54	6	7	-	7	5	07	2	02	0	como	54	54	-
Castle Archdale	050	09	82	jp	13.6	-12	57	55	3	8	2	7	1	22	2	03	0	bccidoc	55	55	tr
Birr Castle ... •	040	09	81	c	11.2	-15	55	55	5	1	-	7	5	40	-	-	0	bc	57	54	-
Colbinstown ... •	360	04	81	c	11.9	-12	55	57	6	8	8	7	4	85	1	10	0	cbc	56	52	tr
Rineanna ... •	050	09	81	c	10.9	-15	61	58	5	3	1	7	6	60	1	07	0	c	53	51	-
Valentia ... •	090	14	81	ro/o	09.6	00	64	56	5	2	-	8	6	81	2	55	1	cr	62	60	-
Midleton ... •	060	09	56	ir	09.5	-15	61	60	5	2	-	8	5	81	3	45	1	bctlr	57	48	-

OBSERVATIONS Tuesday NIGHT

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 14th July 1949

No. 32011

OBSERVATIONS at 12h. G.M.T. 13th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Dew point °F. (8)	Cloud Form Low (9)	Medium (10)	High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	110	05	30	iro	09·9	+00	78	56	6	2	-	8	8	-	1	21
	London Airport	120	10	16	c	10·2	-09	81	55	-	7	-	7	2	80	-	-
1	Lympne	070	11	40	c	09·3	-12	84	54	-	8	8	6	4	-	-	-
	Tangmere	270	11	32	iro	10·7	+14	72	66	-	9	-	8	6	70	-	-
	Calshot	240	17	32	2	11·3	+16	74	57	1	1	1	4	1	35	2	-
	Boscombe Down	170	13	64	c	10·2	+04	82	57	-	8	2	6	4	70	-	-
2	Felixtowe	060	15	48	c	11·3	-04	69	59	5	7	2	7	6	83	2	35
	Gorleston	080	04	32	c	13·3	+00	66	59	-	9	2	7	5	-	-	-
	West Raynham	090	17	80	c	11·5	-07	80	54	5	9	8	7	6	-	2	60
	Mildenhall	160	10	80	c	11·1	-09	82	55	5	7	2	7	4	35	-	-
3	Cranfield	120	06	40	o	10·1	-09	79	55	-	9	-	8	7	80	-	-
	Elmdon	110	12	64	c	09·9	+02	81	51	-	-	2	6	-	-	-	-
	Wittering	110	10	64	c	10·5	-11	80	58	-	8	6	7	5	84	-	-
	Watnall	030	14	80	bc	10·4	-13	82	56	-	-	2	4	-	-	-	-
4	Little Rissington	160	14	72	o	09·4	+04	80	53	-	8	6	8	1	81	-	-
	Ross-on-Wye	230	10	50	bc	09·3	-00	83	58	-	9	1	5	-	-	-	-
	Shawbury	090	15	40	b	09·3	-02	83	54	-	8	2	1	1	85	-	-
5	Bristol	200	12	81	bc	09·5	+07	81	55	-	8	2	5	4	60	-	-
	Exeter	180	10	80	bc	09·9	+05	79	65	1	0	8	5	2	25	-	-
	Portland Bill																
	Plymouth	230	09	81	c	11·4	+17	68	63	2	-	2	6	2	30	-	-
	Chivenor	270	17	82	bc	10·5	+19	77	58	5	8	2	3	1	81	1	60
	St. Eval	250	12	80	c	11·3	+14	71	62	2	-	2	6	1	20	-	-
	Lizard	280	04	40	2	11·4	+14	68	64	-	-	6	5	-	-	-	-
	Scilly, St. Mary's	240	14	56	c	10·9	+15	71	63	8	3	-	6	3	65	4	12
	Guernsey	260	12	02	of+	13·3	+17	62	60	6	-	-	8	8	01	2	00
	Aberporth	240	06	64	bc	09·2	+16	72	59	1	3	-	5	3	-	1	25
6	Pembroke	250	13	82	b	09·8	+14	67	64	-	-	2	2	-	-	-	-
7	Holyhead (Valley)	210	08	18	bc	07·9	+11	75	60	-	9	3	4	4	-	-	-
8	Manchester	100	16	24	c	10·1	+08	81	56	5	-	-	7	7	65	-	-
	Squires Gate	100	22	40	bc	10·3	-09	81	58	-	8	1	4	2	83	-	-
	Silloth	060	32	64	o	12·7	+07	61	54	6	7	-	8	4	20	2	08
9	Finningley	090	17	56	bc	11·6	-12	75	58	-	3	1	3	1	-	-	-
10	Spurn Head	070	10	24	2	13·3	-02	66	55	5	-	-	5	5	35	-	-
	Leeming	360	13	80	b	13·1	-11	69	57	1	3	9	1	1	30	-	-
	Tynemouth	090	17	24	o1d	15·7	-10	57	57	6	-	-	8	8	03	-	-
11	St. Abb's Head	050	13	64	c	16·8	-09	55	51	6	-	-	7	7	10	-	-
	Leuchars	040	18	56	ido	18·0	-01	54	52	6	-	-	8	8	10	6	04
12	Eskdalemuir	050	14	56	dodo	14·9	+02	56	54	6	-	-	8	8	05	-	-
	Prestwick	050	21	81	.o	14·4	+04	61	53	5	7	-	8	6	50	6	17
	West Freugh	090	18	80	c	11·5	-09	65	56	5	7	7	7	3	50	-	-
	Ronaldsway	060	17	56	o	10·0	-01	70	57	-	8	-	8	8	83	4	80
13A	Tiree	050	15	83	c	15·3	-02	64	53	5	-	-	6	6	35	1	25
13B	Benbecula	050	30	83	bc	18·1	-01	61	45	5	4	2	3	2	19	-	-
	Stornoway	050	20	83	bc	20·3	-04	57	43	8	6	1	4	1	35	1	30
	Cape Wrath	050	13	84	c	21·1	+10	50	36	5	-	-	6	6	30	-	-
	Sule Skerry	020	13	82	c	21·7	+02	52	41	8	-	-	7	7	20	-	-
14	Loch Rannoch																
15	Dyce	040	12	82	o	19·7	+01	54	45	5	-	-	8	8	30	4	20
	Lossiemouth	070	15	83	c	20·1	-02	55	41	8	7	-	7	6	35	2	25
	Wick	030	12	85	c	20·9	-03	56	41	8	3	-	7	4	35	3	20
16	Lerwick	010	08	82	c	19·8	+03	51	40	2	-	-	7	4	45	3	25
17	Blacksod Point	030	24	76	o	12·0	-02	61	56	7	-	-	8	8	19	-	-
18	Malin Head	090	13	54	c	13·9	-00	58	52	6	-	-	7	7	09	-	-
	Aldergrove	060	15	56	c	11·7	-07	66	59	5	7	-	7	4	20	-	-
19	Castle Archdale	050	08	56	o/r	11·2	-03	64	59	5	-	-	8	8	50	4	15
	Birr Castle*																
	Collinstown*	070	13	32	z	09·6	+00	66	57	1	3	-	7	7	83	1	18
	Rineanna*	120	03	81	c	09·1	+00	70	60	1	7	-	7	5	80	1	28
20	Valentia*	280	07	42	roro	09·2	+03	63	62	5	2	-	8	4	26	3	08
	Midleton*	140	09	80	c	09·4	+04	67	60	6	3	-	7	6	18	-	-

*Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 13th July

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Dew point °F. (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21 h State of ground (33)
Kew	—	0	30	iro	10·1	-02	76	62	5	7	-	6	6	50	-	-	0
London Airport	100	10	40	iro	09·5	-07	72	66	-	8	-	6	5	80	-	-	1
Lympne	270	08	32	c	09·9	-08	76	62	-	8	-	6	6	83	-	-	0
Tangmere	240	12	80	bc	11·3	—	69	61	-	-	9	4	2	48	-	-	0
Calshot	250	26	64	b	10·9	-05	67	61	-	8	1	2	1	-	-	-	0
Boscombe Down	210	09	80	bc	10·0	-01	75	55	2	-	2	4	2	50	-	-	0
Felixtowe	060	15	44	c	09·6	-12	67	61	3	9	-	7	7	80	1	25	1
Gorleston	050	12	48	o/pr	11·4	-05	63	57	9	9	-	8	7	-	7	30	0
West Raynham	090	18	80	o/d	10·1	-18	68	61	-	7	-	8	8	-	-	-	0
Mildenhall	090	05	82	o	10·0	-15	63	61	5	7	-	8	4	50	-	-	0
Cranfield	110	10	32	o	09·8	-07	74	47	-	9	-	8	6	80	-	-	0
Elmdon	090	07	64	c	08·6	-04	66	65	8	-	-	7	7	35	2	25	1
Wittering	130	05	64	o	09·2	-13	74	56	-	7	-	8	5	83	3	80	0
Watnall	100	07	64	o/pr	09·5	-03	73	58	-	8	7	8	7	70	-	-	1
Little Rissington	200	12	81	c	08·5	-04	79	53	2	8	-	7	7	83	3	45	0
Ross-on-Wye	210	18	81	bc	09·3	+03	75	58	3	6	-	4	2	30	-	-	0
Shawbury	250	08	80	o/tlr	07·5	+01	78	59	9	9	7	8	5	45	-	-	2
Bristol	270	17	80	c	10·5	+16	69	59	9	8	3	7	6	23	-	-	0
Exeter	270	13	81	c	11·2	+17	73	62	9	9	3	6	3	30	4	20	0
Portland Bill																	
Plymouth	250	10	64	bc	12·2	+06	65	61	8	7	-	5	2	-	3	30	0
Chivenor	270	12	82	c	11·7	+10	66	62	5	7	-	7	7	20	2	10	1
St. Eval	230	15	80	bc	11·8	-01	67	61	9	7	9	4	2	-	2	18	0
Lizard	250	03	56	bc	12·4	+02	66	61	6	7	-	4	4	20	-	-	0
Scilly, St. Mary's	230	13	64	bc	11·5	+04	68	61	3	-	-	3	3	15	-	-	0
Guernsey	300	12	48	bc	13·8	+02	63	59	9	8	3	4	3	30	1	01	0
Aberporth	270	10	81	c	09·7	+09	66	58	4	7	3	7	5	-	1	40	0
Pembroke	240	05	40	o	10·8	+01	67	64	5	-	-	8	8	10	-	-	0
Holyhead (Valley)	200	13	56	c	08·2	-03	64	57	8	-	-	6	6	80	-	-	0
Manchester	090	19	32	o	07·5	-16	76	60	8	-	-	8	8	50	4	25	1
Squires Gate	110	18	32	tlro	08·9	-04	71	58	3	9	-	7	5	40	-	-	2
Silloth	070	30	72	o/d	12·4	-08	59	53	5	-	-	8	8	18	-	-	2
Finningley	090	11	56	o/tlr	10·4	-08	63	59	5	7	-	8	6	50	-	-	1
Spurn Head	090	18	12	o	10·9	-20	59	56	5	-	-	8	8	19	-	-	0
Leeming	050	15	56	iro	12·7	+00	61	54	6	2	-	8	8	25	-	-	2
Tynemouth	090	21	16	id	15·5	-01	55	55	6	-	-	8	8	05	-	-	1
St. Abb's Head	050	24	64	iro	17·2	-03	52	50	6	-	-	8	8	10	-	-	1
Leuchars	040	17	40	roro	18·1	-01	51	49	6	-	-	8	8	12	6	06	1
Eskdalemuir	050	15	81	o/d	14·7	-05	53	51	6	-	-	8	8	09	-	-	2
Prestwick	040	21	80	roro	13·8	+06	55	51	5	2	-	8	6	22	1	15	2
West Freugh	080	23	81	o/ps	11·7	-04	57	54	7	7	-	8	7	12	-	-	0
Ronaldsway	040	20	64	o/ro	07·8	-06	66	56	2	7	-	7	7	83	1	00	0
Tiree	050	18	83	c	15·8	+02	59	50	5	7	-	7	7	30	-	-	0
Benbecula	270	28	82	c	18·3	-01	56	41	5	-	-	6	3	39	3	24	0
Stornoway	050	25	82	c	20·5	-04	53	43	5	-	-	6	6	40	-	-	0
Cape Wrath	050	13	83	c	21·7	+05	50	39	8	-	-	6	6	25	-	-	0
Sule Skerry	050	09	82	c	21·7	+02	52	44	5	-	-	7	7	20	-	-	0
Loch Rannoch																	
Dyce	030	08	82	c	19·4	-01	53	44	5	-	-	7	7	40	3	25	0
Lossiemouth	070	15	81	c	19·7	-05	55	40	8	3	-	6	5	30	1	20	0
Wick	040	10	85	c	20·8	-02	53	43	8	3	1	7	5	40	2	20	0
Lerwick	050	09	82	c	19·7	+02	51	42	2	-	-	6	2	40	4	25	0
Blacksod Point	030	27	52	o	10·9	-04	63	60	6	1	-	8	5	83	5	15	0
Malin Head	090	13	48	ir	13·3	-04	56	52	6	2	-	8	3	31	5	06	1
Aldergrove	060	21	48	ro/tlr	10·7	-14	57	56	6	7	-	8	4	18	3	02	1
Castle Archdale	090	09	80	o/d	10·4	-02	61	58	5	-	-	8	8	40	5	15	1
Birr Castle*																	0
Collinstown*	040	10	40	c	08·5	-04	63	58	1	-	-	7	6	20	1	15	0
Rineanna*	240	03	81	c	07·9	-02	70	62	9	6	3	7	4	27	-	-	0
Valentia*	170	08	81	bc	08·7	-03	67	60	8	5	6	4	1	18	-	-	1
Midleton*	180	10	81	bc	08·9	+00	68	61	2	3	-	4	1	24	-	-	0

OBSERVATIONS during DAY (13th)

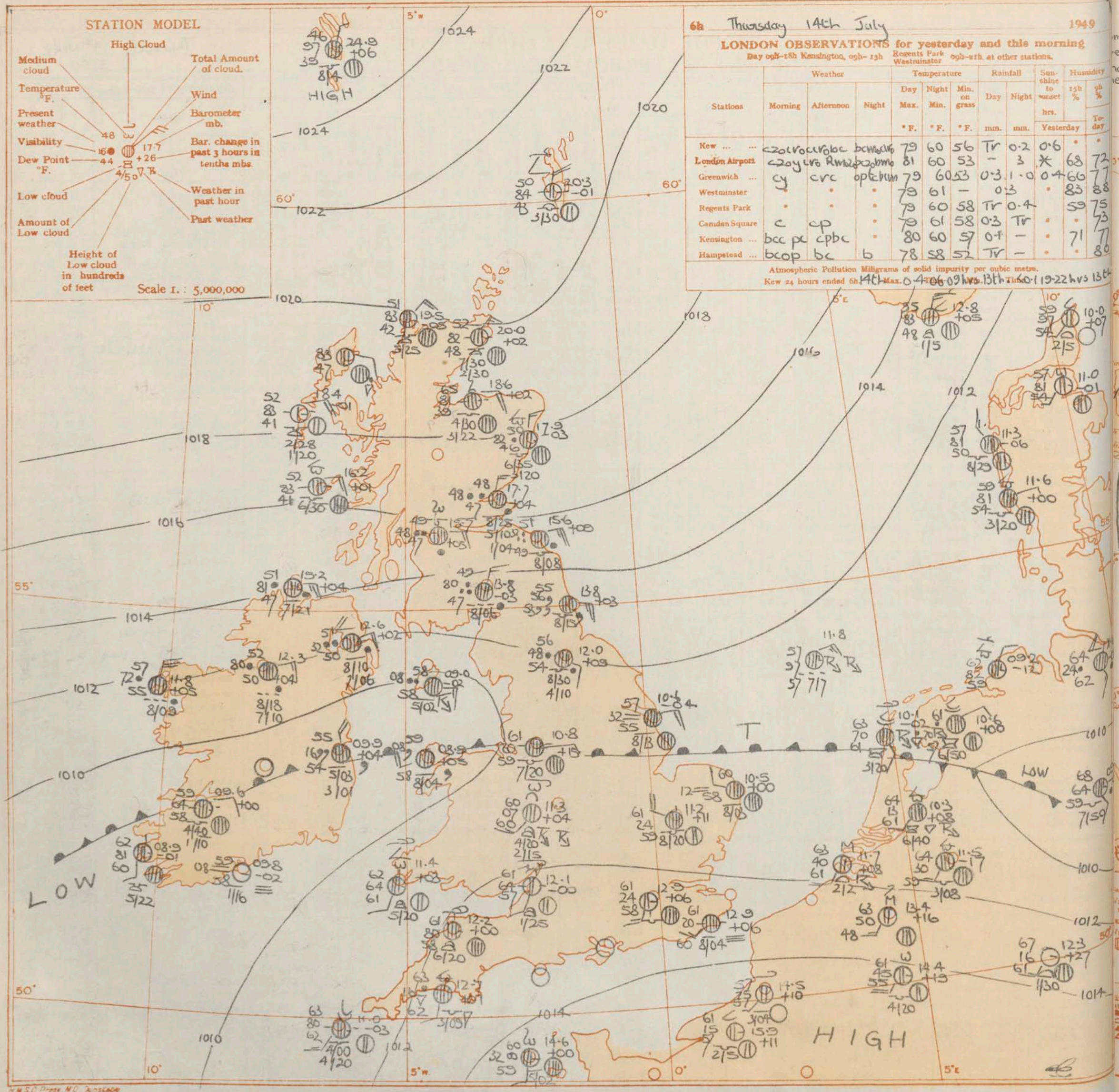
Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	c2oiroc iro bc	79	0·6	0·2
London Airport	c2oyiroRmo2o	81	*	3
Lympne	cyciroccttbc	85	5·0	0·1
Tangmere	ciro2oycmocybmo	79	4·3	—
Calshot	c2ocpro c2obmo	75	6·3	—
Boscombe Down	bcycybcybcspl	83	8·9	—
Felixtowe	c2ocpromoc2ocprmoc	73	4·1	0·2
Gorleston	c2oiro2oppromocmo	77	5·6	Tr
West Raynham	oldmo oldmo o	81	3·9	Tr
Mildenhall	bcctroybcc	83	2·4	Tr
Cranfield	c2oypro2oytc2o	81	1·8	Tr
Elmdon	bc2oyctlroctlrclc	84	*	37
Wittering	ccyoyctlroctl	83	2·5	0·8
Watnall	~~[illegible]~~ bcyctlr. mo	85	5·8	0·5
Little Rissington	~~cybl spl~~ cybl	84	6·3	—
Ross-on-Wye	bcycybctocbc	84	9·0	—
Shawbury	bcyctlroctlr	87	6·1	9
Bristol	pybcclbc	85	10·8	—
Exeter	bybcybcc	84	10·9	—
Portland Bill				
Plymouth	bbccmobcc	71	12·2	—
Chivenor	bcycuprtlcpro	81	8·4	0·5
St. Eval	bbcbcb	71	12·4	—
Lizard	c2cbc	68	11·9	—
Scilly, St. Mary's	cbc	72	11·2	—
Guernsey	ccFbzbcz	71	12·4	—
Aberporth	cbcc	80	7·6	—
Pembroke	bcc	76	9·7	—
Holyhead (Valley)	cy2obccmo	79	7·6	—
Manchester	bcyctlR	83	4·2	3
Squires Gate	bbcc2oyctlrrmo	83	5·5	4
Silloth	ciroroc rrlcrr	65	·	18
Finningley	bc2ocycprocthocmo	81	5·2	3
Spurn Head	bc2oc2oomo	67	3·6	Tr
Leeming	cmobctlrrm	71	4·6	8
Tynemouth	bcytlromo	57	·	0·4
St. Abb's Head	cyirobc	56	·	7
Leuchars	xdoclo ro ro	56	0·0	6
Eskdalemuir	xdodomo orr	58	0·0	4
Prestwick	cirocroro rrroro	63	0·0	6
West Freugh	ccmorruc	69	·	6·2
Ronaldsway	cbycjtlciro	75	2·2	Tr
Tiree	c	68	1·9	—
Benbecula	bbccyb	62	7·6	—
Stornoway	cbcyc	58	8·0	—
Cape Wrath	c	53	·	—
Sule Skerry		55	·	—
Loch Rannoch				
Dyce	ccicloc	54	0·0	Tr
Lossiemouth	cclocclc	57	2·2	—
Wick	cybcc	57	4·9	—
Lerwick	cbc	55	5·7	—
Blacksod Point	c	67	2·8	*
Malin Head	cr	59	·	2
Aldergrove	cimoccirotlccro	68	0·5	2
Castle Archdale	ccroroclro	66	1·4	0·2
Birr Castle*		76	4·6	28
Collinstown*	c	69	2·7	Tr
Rineanna*	rc	73	2·0	Tr
Valentia*	r	67	2·9	11
Midleton*	rb	74	7·0	0·6

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

†† Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Thursday 14th July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–13h Regents Park Westminster 09h–21h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 21h % Yesterday	Humidity 21h % Today
Kew	c2oc1rocc1rolc	bcmoc1r0		79	60	56	Tr	0·2	0·6	•	•	
London Airport	c2oy1r0	Rm1r2o1bm0		81	60	53	–	3	*	68	72	
Greenwich ...	cy	crc	opt1bm	79	60	53	0·3	1·0	0·4	66	77	
Westminster	•	•	•	79	61	–	0·3		•	83	88	
Regents Park	•	•	•	79	60	58	Tr	0·4		59	75	
Camden Square	c	cp	•	79	61	58	0·3	Tr	•	•	73	
Kensington ...	bcc pc	cpbc	•	80	60	57	0·1	–	•	71	77	
Hampstead ...	bcop	bc	b	78	58	52	Tr	–	•	•	80	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 14th Max. 0·4 06-09 hrs. 13th Min. 0·1 19-22 hrs. 13th

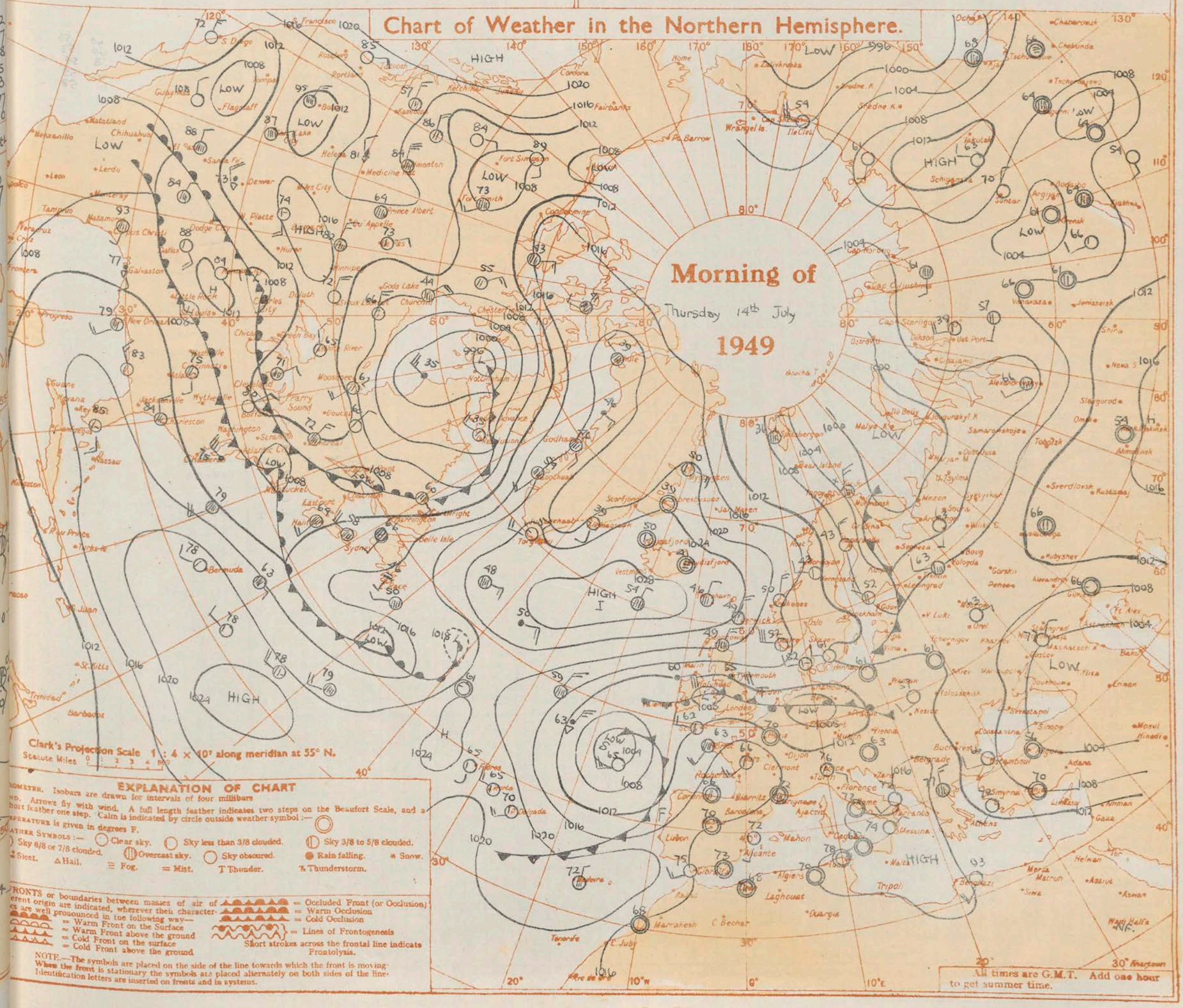
H.M.S.O. Press N.O. 20,000,000

GENERAL INFERENCE

Thundery trough over North England and Ireland giving rain in North, becoming mewhat less vigorous during today but rain probably intensifying again this ening and tonight. Thunderstorms and thundery showers expected this afternoon d evening south of trough, though they may be rather scattered and slight in e southeast. Cloudy with local showers in North Scotland.

FURTHER OUTLOOK

Unsettled thundery conditions continuing for next few days.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 14th July 1949

No. 32011

OBSERVATIONS at 00hr G.M.T. 14th July

District	Stations	Height above M.S.L.	Wind. Direction (degrees) (1)	Wind. Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud. Form. Low (9)	Cloud. Form. Medium (10)	Cloud. Form. High (11)	Cloud. Total amount 0-8 (12)	Cloud. Main layer. Amt 0-8 (13)	Cloud. Main layer. Ht. (14)	Cloud. Lowest layer. Amt 0-8 (15)	Cloud. Lowest layer. Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	63	•	•	•	•	•	•	•	•	
	London Airport	82	260	10	56	b	12·1	+17	63	58	-	3	-	1	1	83	-	-
1	Lympne ...	341	040	08	64	bc	11·9	+07	60	58	-	8	-	5	5	-	-	-
	Tangmere ...	53	270	07	40	c	13·2	+14	62	60	6	-	-	7	7	11	-	-
	Calshot ...	8	260	10	40	z	12·9	+10	62	59	-	-	1	1	0	0	-	-
	Boscombe Down	414	-	0	80	c	13·4	+17	60	57	6	8	-	6	5	-	3	19
2	Felixtowe ...	10	-	0	40	c	10·8	+02	63	60	-	9	-	7	7	80	-	-
	Gorleston ...	5	090	11	24	c/pr	11·4	-04	60	58	3	9	-	6	6	-	2	30
	West Raynham	250	100	08	32	f/fo	10·8	-05	58	55	9	-	-	8	8	12	4	08
	Mildenhall ...	15	120	03	64	bc/r	10·4	+02	62	59	-	7	-	3	3	-	-	-
3	Cranfield ...	340	230	08	40	b	11·0	+08	61	58	-	3	1	1	1	83	-	-
	Elmdon ...	326	240	09	32	f	10·7	+12	61	59	5	-	-	2	2	37	-	-
	Wittering ...	236	-	0	24	b	09·6	+00	63	59	9	8	3	4	2	50	-	-
	Watnall ..	366	010	09	24	b	10·6	-10	58	57	9	-	-	8	8	15	-	-
4	Little Rissington	740	270	10	48	b	11·9	+14	59	57	-	8	-	2	2	81	-	-
	Ross-on Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	290	02	80	c	10·8	+06	62	60	5	-	-	7	7	35	-	-
5	Bristol ...	209	270	05	64	bc	12·5	+12	62	59	2	6	3	5	3	17	-	-
	Exeter ...	100	-	0	40	b	13·0	+12	61	58	1	3	-	2	2	-	1	25
	Portland Bill	32	240	09	48	z	13·5	..	61	59	6	-	-	8	8	15	-	-
	Plymouth ...	90	-	0	40	c	13·1	+05	63	61	6	-	-	6	6	22	4	11
	Chivenor ...	20	-	0	80	bc	12·4	+07	62	59	2	-	-	3	3	20	-	-
	St. Eval ...	336	180	07	64	c	12·9	+06	60	59	6	-	-	6	3	20	5	08
	Lizard ...	240	-	0	56	bc	12·8	+02	62	62	6	-	-	4	5	18	-	-
	Scilly, St. Mary's	163	330	08	80	b	12·2	+07	62	60	2	-	-	2	2	15	-	-
	Guernsey ...	340	200	05	32	z	15·1	+07	59	58	5	-	-	7	7	06	4	03
	Aberporth ...	375	200	04	64	c	10·9	+08	61	59	5	3	-	7	6	-	4	46
6	Pembroke ...	142	230	10	74	bc	11·4	+08	61	61	5	7	9	5	4	81	1	25
7	Holyhead (Valley)	32	190	14	40	o	08·9	-01	61	60	6	-	-	8	8	04	-	-
8	Manchester ...	230	080	07	10	o	10·8	+06	59	57	5	-	-	8	8	25	3	20
	Squires Gate...	33	120	09	32	c	11·0	+01	58	54	3	-	-	7	7	30	-	-
	Silloth ...	25	080	21	48	r	12·6	+01	52	50	6	7	-	8	4	05	-	-
9	Finningley ...	52	290	00	16	o/fr	12·0	+11	57	56	3	-	-	8	8	50	3	20
10	Spurn Head ...	29	090	10	01	o/f+	11·6	-08	57	55	5	-	-	8	8	08	-	-
	Leeming ...	105	020	07	24	h/fr	12·0	-07	57	57	7	-	-	8	8	17	5	08
	Tynemouth ...	108	090	17	96	rr	15·2	+02	55	54	5	-	-	8	8	15	-	-
11	St. Abb's Head	280	050	19	04	rr	16·2	+03	52	50	6	-	-	8	8	10	-	-
	Leuchars ...	36	020	15	24	rr	17·6	+00	49	47	6	-	-	8	8	46	5	15
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	060	16	64	r/o	14·0	-06	53	49	6	2	-	8	8	50	2	15
	West Freugh...	52	090	18	80	r/o	12·1	+00	54	51	5	7	-	8	5	26	2	18
	Ronaldsway ...	55	070	16	24	o/fr	09·3	-03	59	58	6	-	-	8	8	12	4	06
13A	Tiree ...	29	~~240~~ 040	16	83	c	16·3	+06	54	44	5	-	-	7	7	31	-	-
13B	Benbecula ...	16	050	17	82	c	19·1	+03	51	42	5	-	-	6	6	29	-	-
	Stornoway ...	10	030	09	82	c	20·7	+02	52	41	5	-	-	7	7	45	-	-
	Cape Wrath ...	367	050	13	83	c	20·9	-04	50	41	8	-	-	7	7	25	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	360	07	82	c	18·9	+00	49	43	5	-	-	7	7	38	1	25
	Lossiemouth...	21	030	15	81	c	19·3	-03	53	39	6	2	-	7	7	81	5	18
	Wick ...	119	030	09	82	c	20·5	-01	49	44	5	-	-	7	5	19	-	-
16	Lerwick ...	269	010	15	82	bc	20·3	+02	49	45	8	5	-	4	1	50	2	35
17	Blacksod Point	18	050	33	42	r	11·4	+05	60	58	7	-	-	8	8	07	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	050	13	40	r/o	12·0	+04	53	53	6	-	-	8	8	11	4	04
	Castle Archdale	225	110	10	81	o	12·0	+05	56	53	5	-	-	8	8	15	-	-
19	Birr Castle ... •	187	270	05	81	c	10·0	+11	60	57	4	-	-	6	6	25	-	-
	Colbinstown ... •	226	020	09	32	o	09·6	+05	59	56	6	-	-	8	8	04	-	-
	Rineanna ... •	10	330	03	81	bc	09·9	+10	56	55	5	3	1	3	1	30	-	-
20	Valentia ... •	30	170	05	72	o	09·4	+02	62	60	6	-	-	8	7	07	-	-
	Midleton ... •	30	-	0	04	bf+	10·5	+11	53	52	-	-	-	0	0	0	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 14th July

Stations	Wind. Direction (degrees) (17)	Wind. Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud. Form. Low (25)	Cloud. Form. Medium (26)	Cloud. Form. High (27)	Cloud. Total amount 0-8 (28)	Cloud. Main layer. Amt 0-8 (29)	Cloud. Main layer. Ht. (30)	Cloud. Lowest layer. Amt 0-8 (31)	Cloud. Lowest layer. Ht. (32)	9 h. State of ground (33)	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Temperature 21 h.-09 h. Min. on Grass °F. (40)	Rain (41)
Kew ...	250	09	80	o	12·9	+08	62	59	5	-	-	8	8	21	-	-	0	pcmocirmoirc	60	56	TR
London Airport	240	10	24	o	12·7	+07	61	59	6	-	-	8	8	07	-	-	1	bczobmopmoc	60	53	-
Lympne ...	230	07	20	o	12·9	+06	61	60	6	-	-	8	8	04	-	-	0	ojlbbwofc	58	54	TR
Tangmere ...	290	09	48	c	13·6	+07	62	59	6	4	1	7	6	06	-	-	0	bmocmoc.	60	55	-
Calshot ...	260	08	32	z	13·2	+07	62	58	6	-	1	5	5	08	-	-	0	bmobmoc	61	58	-
Boscombe Down	170	03	40	c	13·6	+05	58	58	6	8	-	7	4	-	-	-	0	cbcc	55	53	-
Felixtowe ...	260	10	32	b	11·5	+09	62	59	-	7	2	2	1	80	-	-	0	ctlcprmolpmoc	58	52	TR
Gorleston ...	290	04	12	o	10·5	+00	60	58	6	-	-	8	8	03	-	-	0	cprolmo ctlmoiro	59	58	TR
West Raynham	270	08	06	i/o	10·2	+06	58	57	6	-	-	8	8	05	-	-	0	bcctlroido cmo	54	49	0·2
Mildenhall ...	270	04	20	o	11·2	+12	62	60	6	-	-	8	8	09	3	07	1	cirobcmo	58	52	-
Cranfield ...	230	07	32	bc	11·6	+06	61	59	6	3	-	4	3	80	3	08	0	bczobmo cmoz.	58	55	-
Elmdon ...	230	08	07	c/fr	11·3	+04	60	60	9	6	3	6	4	20	2	15	1	bcmo lctlrcmo	58	52	6
Wittering ...	310	09	13	o	11·8	+18	59	57	6	-	-	8	8	04	-	-	0	ctlzo ctlmo0mo	58	56	-
Watnall ..	-	0	09	o	11·6	+08	57	57	6	-	-	8	8	08	-	-	1	otlkom.	56	56	34
Little Rissington	230	09	48	c	12·3	+10	59	58	6	3	-	7	6	02	-	-	0	~~bfgmowc~~ blcmo wc	59	56	-
Ross-on Wye	240	06	50	c	11·9	+04	63	59	8	-	-	6	6	30	-	-	1	bmolbcobc	60	•	-
Shawbury ...	130	02	64	o	11·3	+05	60	58	5	3	-	6	5	28	1	18	1	clbcc	58	58	-
Bristol ...	~~200~~	06	64	bc	12·1	-00	61	57	3	6	3	4	1	25	-	-	0	bcobcc	60	54	-
Exeter ...	-	0	40	o/r	13·0	~~+08~~ +03	60	58	5	-	-	8	8	30	-	-	0	cbwcmo cproc	58	50	TR
Portland Bill																	0	o2c2f	59	•	*
Plymouth ...	200	05	16	pro	12·7	+01	63	62	5	7	-	8	7	-	3	07	0	ccmobcmo cprocmo	61	44	TR
Chivenor ...	-	0	80	o	12·2	+00	61	58	2	-	2	7	6	20	-	-	0	bcobcc	59	54	-
St. Eval ...	160	05	32	o	12·4	-02	61	60	5	2	-	8	7	-	3	15	0	bbccbcciro cmoc	59	56	TR
Lizard ...	250	03	56	c/pr	12·4	+00	62	62	6	-	-	7	7	15	-	-	0	cprocmo	59	•	TR
Scilly, St. Mary's	200	10	80	c	11·0	-03	63	62	5	9	-	7	4	20	4	00	0	bcpo cpocr	60	•	TR
Guernsey ...	200	05	32	z	14·6	+00	60	59	6	-	9	7	5	02	-	-	0	bczocmo	59	59	-
Aberporth ...	200	06	80	c	11·2	+03	61	59	2	6	2	7	5	12	-	-	0	cbcproc	57	49	TR
Pembroke ...	230	05	80	b	11·0	-02	61	59	2	-	-	2	2	25	-	-	1	cbccpro	60	•	3
Holyhead (Valley)	230	13	08	i/o	08·9	+05	59	58	6	-	-	8	8	04	-	-	0	cmo0ido	58	58	TR
Manchester ...	010	02	20	o	10·8	+01	61	59	5	-	-	8	7	20	-	-	1	cblrroc	58	56	0·1
Squires Gate...	090	14	32	o	10·3	+04	59	57	5	-	-	8	6	18	-	-	1	cblrrmororocmoir	57	55	7
Silloth ...	060	25	56	ro/o	12·3	+03	51	49	6	2	-	8	5	06	-	-	2	orrorbrocirc	51	51	27
Finningley ...	090	03	32	o/d	11·3	+04	57	56	6	7	-	8	8	-	6	06	1	cblcmo cmo cdodo	56	56	14
Spurn Head ...	070	15	32	o	10·6	-04	57	55	6	-	-	8	8	13	-	-	2	ufomotlr	56		5
Leeming ...	130	03	48	i/o	12·0	+09	56	54	5	-	-	8	8	30	4	10	1	cblrcmo crr	55	55	12
Tynemouth ...	090	17	56	dd	13·8	+03	55	53	5	-	-	8	8	15	-	-	1	orroddmo	53	52	18
St. Abb's Head	050	19	32	rr	15·6	+09	51	49	6	-	-	8	8	08	-	-	2	cmorromoiro	46	•	26
Leuchars ...	010	13	48	ro/o	17·2	+04	48	47	6	2	-	8	8	25	5	10	1	crromocrrmororo	48	47	10
Eskdalemuir...	020	10	80	ir	13·8	-03	49	47	7	-	-	8	8	06	-	-	2	orrororo	49	48	19
Prestwick ...	050	18	80	ro/o	14·2	+02	50	47	7	2	-	8	8	35	4	12	2	roroiroro	49	48	1
West Freugh...	080	20	24	dd	12·0	+02	53	51	5	2	-	8	6	18	2	10	2	cidodmoro	51	50	9
Ronaldsway ...	110	10	08	ro/o	09·0	-02	58	58	6	-	-	8	5	02	-	-	1	blrprrrtlrf RR.	57	58	
Tiree ...	060	14	83	c	16·2	+01	52	41	5	7	-	7	6	30	-	-	0	ccy	51	50	-
Benbecula ...	050	16	83	bc	18·4	-01	52	41	8	-	5	3	2	28	1	20	0	cbcby	49	47	-
Stornoway ...	080	05	83	c/pr	19·5	-05	53	47	8	-	-	6	8	40	3	28	0	c	50	47	TR
Cape Wrath ...	050	13	83	bc	19·5	-05	51	42	8	-	-	5	5	25	-	-	0		46	46	TR
Sule Skerry ...	050	09	82	c	20·4	-02	52	46	2	-	-	7	7	20	-	-	0		51	45	-
Loch Rannoch																					
Dyce ...	360	08	82	i/o	17·9	-03	50	46	5	7	-	7	6	35	3	20	1	cciroc	48	46	TR
Lossiemouth...	060	12	81	c	18·6	+02	55	39	5	-	6	7	4	30	3	22	0	c	52	49	-
Wick ...	040	11	82	c	20·0	+02	52	48	8	-	-	7	7	30	2	20	0	cpro	46	41	0·1
Lerwick ...	010	12	84	bc	20·3	-01	50	43	4	5	8	5	3	30	-	-	1	bcbbccidoc	44	39	TR
Blacksod Point	030	27	72	i/o	11·8	+05	57	55	7	-	-	8	8	09	-	-	0	r.r.	55	48	5
Malin Head ...	090	18	81	i/o	15·2	+04	51	47	6	-	-	7	7	21	-	-	0	r	50	•	0·5
Aldergrove ...	050	15	32	ro/o	12·6	+02	51	50	6	2	-	8	8	10	7	06	1	cirororomororo	50	49	4
Castle Archdale	070	07	80	i/o	12·3	+04	52	50	7	-	-	8	8	18	7	10	1	cdodocirc	52	53	1
Birr Castle ... •																	0	c	56	55	*
Colbinstown ... •	350	12	16	dodo	09·9	+04	55	54	6	-	-	8	5	03	3	01	1	c d.	55	55	0·3
Rineanna ... •	070	03	64	c	09·6	+00	59	58	5	-	-	7	4	40	1	10	1	bc c.	56	50	-
Valentia ... •	160	05	81	c	08·9	-01	62	60	8	-	-	7	5	22	-	-	1	c c.	61	58	TR
Midleton ... •	-	0	08	b	09·8	-02	59	58	6	3	-	1	1	16	-	-	0	f. f.	53	47	-

OBSERVATIONS Wednesday NIGHT

* Information not usually received.

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Page 1.

BRITISH SECTION.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 15th July 1949

No. 32012

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	230	08	72	c	13·4	-01	72	57	2	7	1	6	6	29	-	-
	London Airport	200	12	81	c	13·3	+00	75	56	2	3	5	6	2	83	8	30
1	Lympne	210	12	56	c	14·4	+06	68	58	1	3	-	6	5	-	5	25
	Tangmere	250	13	80	c	14·6	+08	72	59	2	-	9	7	5	18	-	-
	Calshot	240	13	48	2	15·0	+09	65	60	5	-	-	8	7	10	-	-
	Boscombe Down	200	08	80	c/pr	14·0	+05	71	57	2	4	-	7	2	-	5	20
2	Felixtowe	220	12	56	c	12·8	+06	75	60	8	-	-	7	7	70	4	26
	Gorleston	290	13	56	c	11·9	+07	74	58	3	-	1	6	4	20	-	-
	West Raynham	320	12	50	c	12·3		68	56	8	6	-	6	2	20	5	12
	Mildenhall	270	01	48	ojtlr	12·9	+07	68	63	6	-	-	6	6	30	4	25
3	Cranfield	270	05	64	pr	12·7	+04	67	60	3	-	-	7	7	25	-	-
	Elmdon	190	06	80	bc	12·0	+01	70	53	9	-	3	5	4	25	-	-
	Wittering	—	0	48	jp	12·8	+02	68	59	9	6	-	6	5	14	-	-
	Watnall	090	02	09	pr	12·9	+08	65	62	8	-	-	7	7	30	4	18
4	Little Rissington	230	12	82	c	12·2	-03	72	51	2	-	2	6	5	20	-	-
	Ross-on-Wye	240	09	80	oc	12·1	-01	73	57	2	-	2	4	2	30	-	-
	Shawbury	230	03	81	c	11·4	-01	72	54	9	-	3	6	6	25	-	-
5	Bristol	200	08	82	c	13·3	+05	68	58	2	6	-	7	5	25	-	-
	Exeter	180	11	80	c/pr	13·5	+07	66	61	9	7	8	7	3	10	6	15
	Portland Bill																
	Plymouth	180	07	12	rr	13·4	+04	63	62	6	2	-	8	5	10	7	02
	Chivenor	200	07	81	c/pr	12·4	+02	68	60	8	9	8	7	5	35	4	15
	St. Eval	140	03	16	rr	12·3	+03	63	62	6	-	-	8	8	10	5	06
	Lizard	230	06	24	RR	12·1	-03	62	62	6	-	-	8	8	08	-	-
	Scilly, St. Mary's	200	15	80	c	09·9	-09	63	62	8	7	-	7	2	70	5	10
	Guernsey	180	01	48	2	15·2	+03	67	60	5	-	-	7	7	50	-	-
	Aberporth	250	06	64	pro	11·8	+07	62	60	2	3	-	8	7	20	4	12
6	Pembroke	150	08	80	bc	11·8	+01	65	62	5	7	9	5	4	80	1	25
7	Holyhead (Valley)	200	10	48	IIICm	11·4	+11	62	57	5	-	-	8	8	15	1	06
8	Manchester	020	05	40	jp	11·9	+02	65	62	8	-	-	7	6	25	2	18
	Squires Gate	100	13	40	o	12·3	+11	66	59	8	-	-	8	5	22	-	-
	Silloth	080	22	56	roro	13·7	+09	53	51	7	2	-	8	5	10	-	-
9	Finningley	090	04	32	oir	13·8	+13	61	56	6	-	-	8	8	15	6	07
10	Spurn Head	070	07	16	o.do	13·6	+10	58	56	7	-	-	8	8	10	-	-
	Leeming	050	01	48	iro	14·7	+15	58	54	6	-	-	8	8	20	4	12
	Tynemouth	090	24	32	DD	16·0	+12	53	52	6	-	-	8	8	07	-	-
11	St. Abb's Head	050	19	64	iro	17·6	+10	51	47	6	-	-	8	8	10	-	-
	Leuchars	050	15	80	dro	18·4	+09	53	49	6	2	-	8	8	22	5	08
12	Eskdalemuir	050	15	81	rr	15·5	+07	50	47	7	2	-	8	7	10	-	-
	Prestwick	060	21	81	roro	15·3	+05	54	50	7	2	-	8	6	50	3	15
	West Freugh	080	10	64	old	13·6	+06	53	51	5	2	-	8	6	20	2	10
	Ronaldsway	120	10	x7	f-	10·8	+10	57	57	-	-	-	9	9	0	-	-
13A	Tiree	070	15	84	c	17·1	+05	56	44	8	7	-	7	4	35	1	35
13B	Benbecula	060	24	84	c	18·8	+01	61	42	8	-	-	7	7	32	1	24
	Stornoway	060	20	83	c	20·6	+05	59	46	8	-	-	7	5	35	2	20
	Cape Wrath	050	19	83	bc	20·9	+08	53	45	1	-	-	5	5	25	-	-
	Sule Skerry	050	09	82	bc	21·7	+13	55	45	5	6	-	5	4	70	-	-
14	Loch Rannoch																
15	Dyce	080	12	82	c	19·2	+04	56	42	6	7	-	7	4	20	3	15
	Lossiemouth	000	15	81	ido	19·8	+11	57	44	3	7	-	8	7	15	-	-
	Wick	050	17	84	c	20·6	+06	57	45	8	-	-	7	7	35	1	18
16	Lerwick	020	18	82	c	20·8	+02	53	49	8	-	-	7	7	25	2	12
17	Blacksod Point	050	24	80	iro	13·2	+01	57	53	7	-	-	8	8	15	-	-
18	Malin Head	090	18	82	c	15·9	+03	54	47	6	-	-	7	7	21	-	-
	Aldergrove	030	12	56	o	14·0	+06	54	51	6	-	-	8	8	13	7	06
	Castle Archdale	110	07	81	iro	13·7	+05	56	51	5	-	-	8	8	12	-	-
19	Birr Castle*	070	09	50	o	11·0	+03	60	56	6	2	-	8	6	25	-	-
	Collinstown*	010	11	49	old	12·1	+07	56	54	6	-	-	8	5	05	3	02
20	Rineanna*	040	16	81	b	09·8	-02	70	58	2	-	-	2	2	22	-	-
	Valentia*	030	07	81	c	08·0	-09	71	59	2	6	-	7	7	27	-	-
	Midleton*	140	11	81	pro	09·3	-05	68	59	3	-	3	7	5	22	-	-

OBSERVATIONS at 18h. G.M.T. 14th July — OBSERVATIONS during DAY (14th)

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21 h State of ground (33)	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	230	09	72	c	13·2	+02	71	56	5	1	1	7	6	48	-	-	0	cbcirobcycirsycirо	77	5·6	Tr
London Airport	210	14	80	c	13·2	+03	73	54	-	7	-	7	7	80	-	-	0	ccybcy cycirо	79		Tr
Lympne	230	08	81	bc	14·2	-04	67	59	-	7	2	5	4	-	-	-	0	cbbc	73	7·0	-
Tangmere	180	05	64	c	13·8	-09	66	61	6	7	2	7	1	30	-	-	1	cbccrоrоmocmo	74	6·6	0·5
Calshot	—	0	48	2	13·9	-07	68	61	-	7	-	7	7	-	-	-	1	ccmobccmocirocmo	70	5·6	0·2
Boscombe Down	150	07	64	iro	13·9	00	65	61	7	2	-	8	8	80	4	25	1	cproiror	74	2·6	1
Felixtowe	080	06	56	c	13·3	+03	66	61	8	-	2	6	5	32	2	20	0	ccproc	76	6·8	Tr
Gorleston	020	10	64	c	13·7	+05	62	59	9	9	1	6	6	65	4	20	0	cmocy	76	5·3	1
West Raynham	040	14	80	c	13·6	+08	63	55	6	6	3	7	4	-	4	08	0	cmobccmo	71	3·8	-
Mildenhall	050	02	81	c	12·8	-01	72	58	5	7	-	7	6	35	-	-	1	cmoczcprtlrczoccirо	75	5·1	6
Cranfield	230	07	80	c	12·4	+01	72	58	5	7	-	7	5	25	-	-	0	cpRyirshom	75	5·2	2
Elmdon	010	08	56	o	12·2	+07	66	60	8	2	-	8	8	83	2	25	1	cmocprocmo	75	*	Tr
Wittering	050	08	52	cHr	13·2	+04	62	59	2	-	-	7	7	15	5	04	1	cmocTrmocTlromo	72	2·8	4
Watnall	090	09	80	c	13·5	+02	63	58	5	-	-	7	8	10	-	-	2	omocproorrmo	68	1·4	7
Little Rissington	250	12	81	ir	13·0	+06	61	57	5	7	-	8	8	83	2	35	1	cbcycprorroro	75	7·4	1
Ross-on-Wye	160	05	34	qr	12·4	+03	65	63	7	7	-	8	3	14	-	-	1	bcbcycercir	76	7·0	3
Shawbury	110	08	20		12·0	+06	65	62	9	-	-	8	8	15	5	06	2	cycprPRTrr	74	3·8	17
Bristol	170	07	64	roro	12·5	-06	64	61	5	7	-	8	6	40	2	12	1	cproorrro	73	4·7	2
Exeter	180	10	32	oir	12·0	-09	63	61	6	2	-	8	8	15	7	06	1	croromorrc	71	0·8	7
Portland Bill	110	05	96 (44)	roro	13·3	-13	62	60	6	-	-	8	8	10	-	-	1	o2roroo2	64	•	7
Plymouth	180	05	24	qr	11·7	-07	63	61	5	-	1	7	7	08	-	-	1	cmooirocrrmocrororocm	65	0·2	15
Chivenor	160	10	82	pro	10·5	+02	66	61	2	-	-	7	7	15	1	08	1	ccircpobc	66	2·3	2
St. Eval	170	10	82	c	10·0	-04	65	60	3	-	6	6	4	12	-	-	1	cirorrmooiroc	67	3·5	3
Lizard	200	05	80	c	10·6	-04	64	64	6	-	-	7	7	15	-	-	1	orrmoc	66	3·5	9
Scilly, St. Mary's	180	16	51	roro	08·2	-07	67	60	8	-	-	8	6	70	7	14	1	crpobcirc	70	4·2	7
Guernsey	260	07	20	roro	13·7	-02	62	60	5	7	-	7	6	15	3	10	1	cprR	72	5·1	7
Aberporth	150	07	64	c	10·5	-08	64	60	4	9	3	7	6	-	3	21	2	bccjpcprocTLRHr	70	3·5	27
Pembroke	110	14	78	c	09·9	-16	62	60	5	3	8	7	4	25	-	-	1	bccprocbc	66	6·2	0·3
Holyhead (Valley)	170	07	80	c	10·6	-04	67	58	2	9	2	7	6	20	-	-	1	cmobciromo	69	5·5	Tr
Manchester	090	11	16	c	13·0	+02	63	59	2	6	3	6	3	35	-	-	2	cHrccpro	72	1·7	13
Squires Gate	080	20	40	bc	12·2	-01	64	57	8	3	-	3	2	45	1	30	1	cirmobczomoc	68	2·6	Tr
Silloth	080	23	64	iro	14·1	+02	54	51	7	-	-	6	8	25	2	05	1	orrmororoiroc	55		4
Finningley	070	13	64	o	14·3	+04	60	53	5	-	-	8	8	20	5	15	0	cmoiroc	62	0·0	0·1
Spurn Head	070	10	40	o	14·9	+05	59	55	6	-	-	8	8	09	-	-	1	omododoomo	61	0·0	Tr
Leeming	090	05	81	o	15·8	+12	56	53	5	-	-	8	8	12	-	-	1	cciroc	59	0·0	2
Tynemouth	050	12	80	o	16·7	+01	55	51	6	-	-	8	8	15	-	-	1	oddmooddo	55		6
St. Abb's Head	050	15	81	o	17·7	+01	54	44	5	-	-	8	8	10	-	-	1	orrmocmociroc	54	•	3
Leuchars	060	17	81	o	18·2	00	55	45	5	7	-	8	8	-	1	12	1	crorocdocrc orroddodd	57	0·0	0·5
Eskdalemuir	050	14	48	id	16·0	00	49	48	7	-	-	8	8	06	-	-	1	~~orrododododo~~	~~58~~ 51	0·0	3
Prestwick	060	18	80	oir	15·3	-01	54	48	6	7	-	6	5	35	1	15	1	roroirocirororo	56	0·0	1
West Freugh	090	14	81	qr	13·3	-01	53	51	5	2	-	8	6	25	1	12	1	cddmocrrc	54	•	5
Ronaldsway	090	05	56	c	11·8	+04	61	58	6	-	-	7	7	12	3	07	1	ofraocbcc	61	1·1	Tr
Tiree	070	13	84	c	16·9	-02	58	46	5	7	-	7	6	45	-	-	0	cvycv	62	0·1	-
Benbecula	060	28	84	bc	18·5	+01	59	43	8	-	-	4	4	45	1	22	0	cybcyc	63	13·0	-
Stornoway	050	15	83	bc	20·3	-01	56	45	8	-	-	4	4	45	1	28	0	bcyccprobcc	58	5·1	-
Cape Wrath	050	19	83	bc	21·5	+04	53	40	1	-	-	4	4	30	-	-	0	cbc	54	•	-
Sule Skerry	050	09	82	bc	21·5	-02	54	43	2	-	-	3	3	30	-	-	0	bc	57	•	-
Loch Rannoch																					
Dyce	050	10	82	c	19·1	00	55	42	8	-	-	7	6	30	1	20	0	cproc	58	2·2	Tr
Lossiemouth	060	15	82	bc	19·6	-03	56	44	3	-	-	5	5	25	-	-	1	cidocpr	58	7·6	Tr
Wick	050	10	84	c	20·5	-05	54	44	8	-	-	7	7	40	1	25	0	cbcc	58	5·8	-
Lerwick	020	15	82	c	20·9	-02	50	45	5	-	-	7	7	18	-	-	0	cbcc	55	6·5	-
Blacksod Point	030	27	52	roro	13·0	00	57	53	7	-	-	8	8	11	-	-	1	r	58	0·0	0·3
Malin Head	090	18	82	c	15·2	-06	55	49	5	-	-	7	7	21	-	-	0	c	57		-
Aldergrove	050	10	10	dodo	13·4	-05	53	52	6	-	-	8	8	10	7	02	1	crorocirocdodamo	54	0·0	2
Castle Archdale	080	13	81	o	13·0	-05	55	51	5	-	-	8	8	22	-	-	1	croroiroc	56	0·0	Tr
Birr Castle*	070	09	35	iro	10·0	-01	60	57	7	2	-	8	5	25	-	-	1	r	66	2·1	2
Collinstown*	040	06	56	qd	11·2	-04	57	54	6	-	-	8	7	08	1	04	1	[illegible]	58	0·0	1
Rineanna*	030	09	48	roro	08·9	00	61	60	6	2	-	8	6	17	-	-	2	cpr	71	4·4	14
Valentia*	—	0	80	roro	07·0	-08	64	61	8	2	-	8	4	18	-	-	1	cHr	75	4·8	3
Midleton*	050	12	80	c	07·6	-09	65	62	8	3	-	7	4	18	-	-	1	cpr	72	3·5	9

*Rainfall read at 1800.

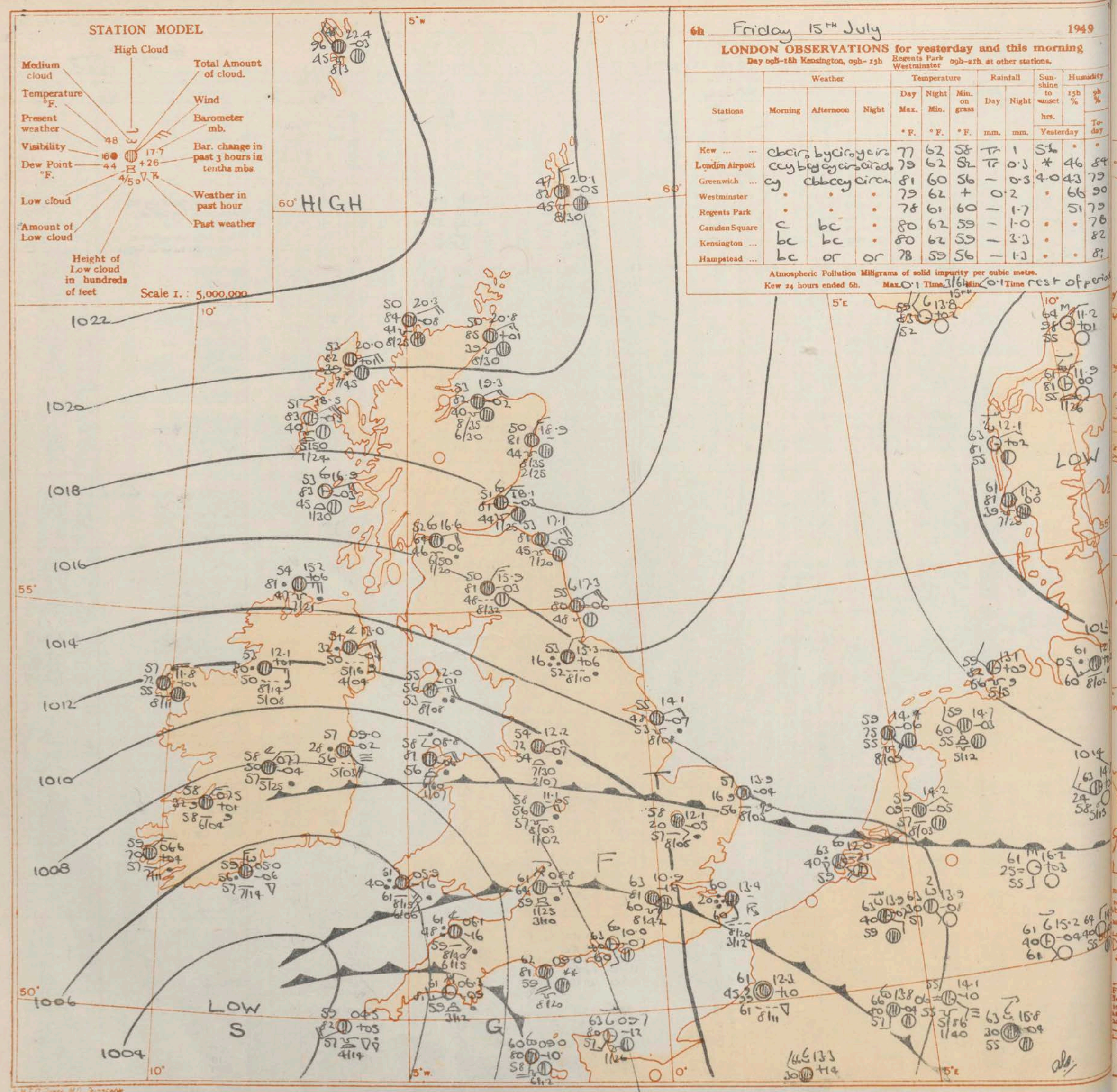
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

←← Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Friday 15th July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–18h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Today
Kew	cbcirc	bycirc	ycirc	77	62	58	Tr	1	5·6	•	•
London Airport	ccy	bcy	cycirc	79	62	52	Tr	0·3	*	46	84
Greenwich ...	cy	cbbcy	circ	81	60	56	—	0·3	4·0	43	79
Westminster	•	•	•	79	62	+	0·2		•	66	90
Regents Park	•	•	•	78	61	60	—	1·7		51	79
Camden Square	c	bc	•	80	62	59	—	1·0	•	•	76
Kensington ...	bc	bc	•	80	62	59	—	3·3	•		82
Hampstead ...	bc	or	or	78	59	56	—	1·3	•	•	8[illegible]

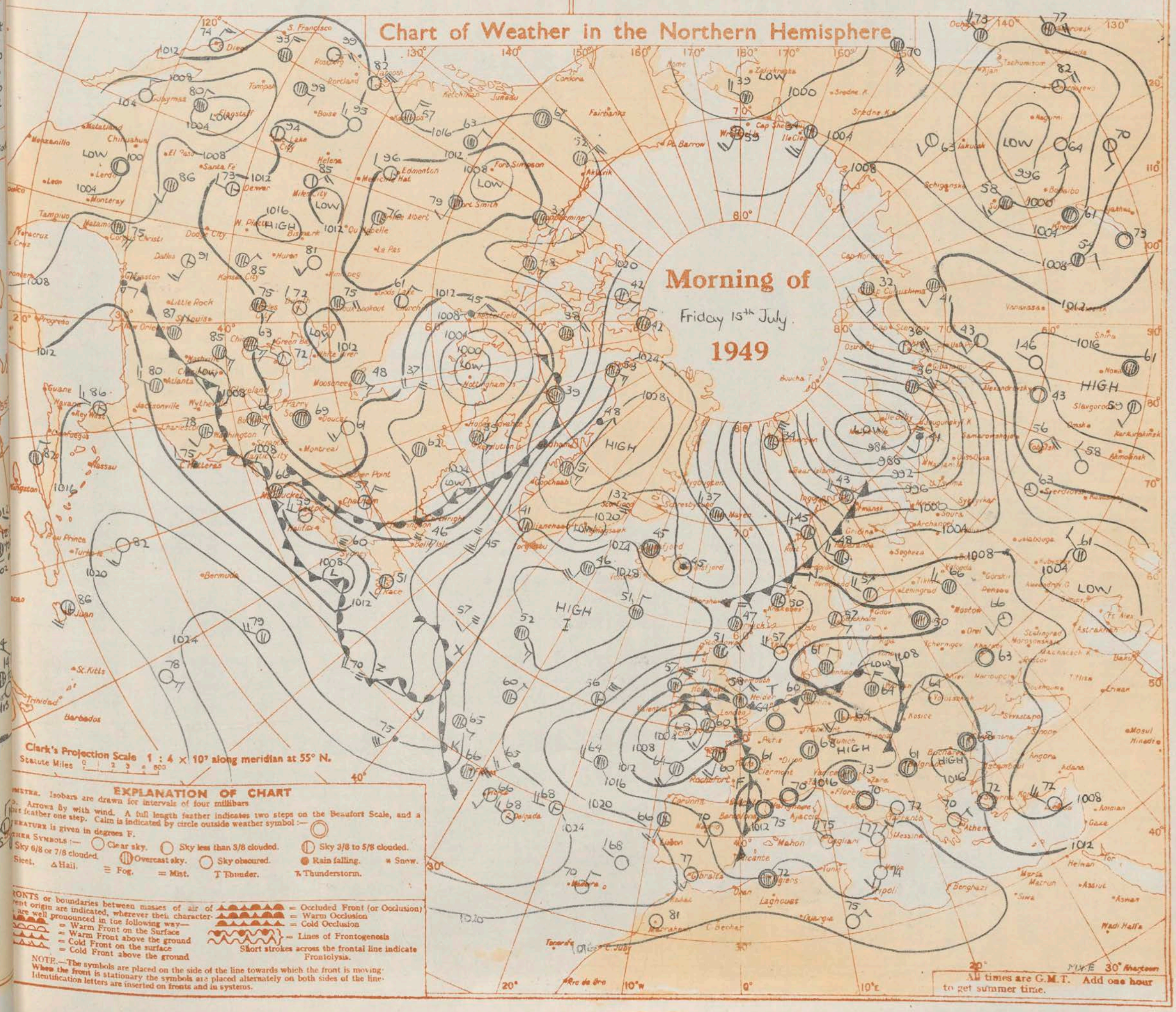
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 3/6 15th Min. <0·1 Time rest of period

GENERAL INFERENCE

Centre of low pressure Northwest of Scilly Islands moving slowly northeast. Cloudy in most districts, though with some fair periods in the south. Some thundery rain or showers in many places, but mainly dry in Scotland.

FURTHER OUTLOOK

Continuing unsettled and mainly cloudy with outbreaks of rain in most districts.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 15th July 1949

No. 220.12

OBSERVATIONS at 00hr G.M.T. 15th July

District	Stations	Height above M.S.L.	Wind Direction (degrees)	Wind Speed (kts.)	Visibility (Code figures)	Present Weather	Pressure Bar at M.S.L. mb.	Pressure Change in 3 hrs.	Temp. Dry Bulb °F.	Temp. °F. Dew point	Cloud Form Low	Cloud Form Medium	Cloud Form High	Total amount 0-8	Main layer Amt 0-8	Main layer Ht.	Lowest layer Amt 0-8	Lowest layer Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
0	Kew ...	18	•	•	•	•	•	•	63	•	•	•	•	•	•	•	•	
	London Airport	82	090	04	32	bc	13·0	-06	65	61	5	8	-	5	5	80	1	60
1	Lympne ...	341	150	02	64	c	14·4	-01	62	58	-	7	-	7	7	-	-	-
	Tangmere ...	53	120	07	40	bc	13·4	-02	61	60	5	-	-	5	3	60	3	20
	Calshot ...	8	130	14	56	bc	12·9	-05	64	61	5	7	-	5	5	-	4	50
	Boscombe Down	414	100	06	40	0	13·1	-11	61	60	6	2	-	8	8	50	3	09
2	Felixtowe ...	10	050	13	40	0	14·4	+04	59	58	6	-	-	8	8	04	-	-
	Gorleston ...	5	070	13	72	0	15·2	+11	58	55	5	-	-	8	8	20	-	-
	West Raynham	250	090	12	48	ro/o	14·5	+01	56	55	6	-	-	8	8	06	-	-
	Mildenhall ...	15	090	08	12	ido	13·9	-02	59	58	6	-	-	8	8	07	-	-
3	Cranfield ...	340	080	06	08	ro6	13·5	-00	59	59	5	7	-	8	7	15	-	-
	Elmdon ...	326	090	12	16	16	12·8	+02	59	57	6	-	-	8	8	03	-	-
	Wittering ...	236	060	05	32	rr	14·1	+00	57	56	6	-	-	8	8	10	6	06
	Watnall ...	366	070	04	64	o/r	14·5	-01	55	55	6	-	-	8	8	07	-	-
4	Little Rissington	740	130	10	56	c/d	12·7	-01	60	60	5	-	-	7	7	55	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	110	16	20	bb	12·4	-02	58	55	6	-	-	8	8	09	-	-
5	Bristol ...	209	130	03	64	c	11·8	-02	60	59	6	7	-	7	2	12	-	-
	Exeter ...	100	160	08	48	bc	10·5	-15	60	58	5	7	2	4	2	15	-	-
	Portland Bill	32	180	09	48	2	12·0	-06	61	59	6	[illegible]	-	7	7	15	-	-
	Plymouth ...	90	130	07	56	o/pr	09·8	-11	61	60	5	-	-	8	8	45	3	10
	Chivenor ...	20	110	08	82	c	10·0	-05	61	58	5	-	-	6	6	30	-	-
	St. Eval ...	336	160	18	48	ro/o	07·7	-17	61	59	6	-	-	8	8	15	3	08
	Lizard ...	240	210	17	48	RR	07·4	-15	61	61	6	-	-	8	8	10	-	-
	Scilly, St. Mary's	163	200	07	80	c/r	05·2	-12	60	58	8	-	-	7	7	10	-	-
	Guernsey ...	340	170	07	82	c	12·5	+00	60	56	-	7	-	7	0	0	-	-
	Aberporth ...	375	160	08	80	c	10·0	-01	58	55	4	-	6	7	1	60	-	-
6	Pembroke ...	142	120	14	80	c	09·1	-04	59	59	-	7	-	7	7	52	-	-
7	Holyhead (Valley)	32	090	11	32	16	09·6	-06	64	59	-	7	-	6	7	60	-	-
8	Manchester ...	230	080	10	20	66	13·9	+04	55	54	7	-	-	8	8	10	-	-
	Squires Gate...	33	090	25	16	RR	13·7	+03	55	54	7	-	-	8	8	15	4	08
	Silloth ...	25	080	20	64	c	15·5	+03	53	49	5	7	-	7	5	30	-	-
9	Finningley ...	52	070	10	48	16	15·4	+02	55	53	7	-	-	8	8	11	-	-
10	Spurn Head ...	29	070	08	40	o	15·6	+00	57	54	6	-	-	8	8	15	-	-
	Leeming ...	105	060	04	40	o	16·7	+01	55	51	5	-	-	8	8	10	-	-
	Tynemouth ...	108	090	13	80	o	17·6	+06	55	49	6	-	-	8	8	12	-	-
11	St. Abb's Head	280	050	19	81	c	18·2	+05	53	45	5	-	-	7	7	15	-	-
	Leuchars ...	36	040	10	80	o	18·9	+03	53	43	5	-	-	8	8	41	5	22
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	060	20	40	ido	16·5	+02	52	47	5	-	-	8	8	30	2	18
	West Freugh...	52	110	20	64	o	14·5	+02	53	50	5	7	-	8	5	34	4	20
	Ronaldsway ...	55	070	20	48	ro/o	12·8	+01	56	55	5	-	-	8	8	09	-	-
13A	Tiree ...	29	050	09	80	c	17·4	+03	54	45	5	7	-	7	3	45	-	-
13B	Benbecula ...	16	010	13	82	bc	19·3	+06	51	47	5	-	-	3	3	51	-	-
	Stornoway ...	10	050	15	82	c	20·7	+03	54	45	5	-	-	7	7	45	-	-
	Cape Wrath ...	367	050	13	83	c	20·8	+01	51	40	5	-	-	7	7	25	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	010	03	81	c	19·8	+01	50	43	5	-	-	7	7	33	2	25
	Lossiemouth...	21	060	12	81	o	20·0	+01	53	42	8	-	-	8	8	35	3	25
	Wick ...	119	050	07	82	o	21·3	+02	51	40	5	-	-	8	8	31	-	-
16	Lerwick ...	269	350	11	82	o	21·2	-01	47	43	5	-	-	8	8	25	-	-
17	Blacksod Point	18	240	27	78	o/r	12·5	-03	57	52	7	-	-	8	8	09	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	070	17	28	o/d	13·3	+02	53	51	6	-	-	8	8	12	6	09
	Castle Archdale	225	090	08	80	ido	12·6	-01	54	51	5	-	-	8	8	10	-	-
19	Birr Castle ... *	187	040	09	50	o/r	09·3	-04	57	56	7	2	-	8	5	25	-	-
	Collinstown ... *	226	060	12	04	of	10·2	-11	58	58	-	-	-	9	9	01	-	-
	Rineanna ... *	10	040	14	64	o	08·5	+02	57	56	6	-	-	8	6	08	-	-
20	Valentia ... *	30	030	09	64	pro	07·4	+05	60	59	2	-	-	7	6	15	1	11
	Mullaghmore ... *	30	080	05	56	po	06·9	+04	61	61	8	-	-	7	7	38	1	25

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 15th July

District	Stations	Wind Direction (degrees)	Wind Speed (kts.)	Visibility (Code figures)	Present Weather	Pressure Bar at M.S.L. mb.	Pressure Change in 3 hrs.	Temp. Dry Bulb °F.	Temp. °F. Dew point	Cloud Form Low	Cloud Form Medium	Cloud Form High	Total amount 0-8	Main layer Amt 0-8	Main layer Ht.	Lowest layer Amt 0-8	Lowest layer Ht.	9 h. State of ground	Weather 21 h.-09 h.	Temperature 21 h.-09 h. Min. °F.	Min. on Grass °F.	Rain mm
		(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(39)	(40)	(41)
0	Kew ...	110	04	09	o	10·9	-16	63	59	5	-	-	8	8	25	-	-	0	clrocmorcromoc	62	58	1
	London Airport	090	09	10	c	10·9	-16	63	60	5	-	-	1	8	45	1	42	0	clrolclomobcmoo	62	52	03
1	Lympne ...	110	12	24	ro/o	12·4	+02	60	60	7	2	-	8	8	-	1	10	1	bcccwbctlrrokroc	57	51	7
	Tangmere ...	140	09	32	c	10·6	-06	62	60	6	-	-	7	7	06	-	-	0	cmoclroc20	61	55	Tr
	Calshot ...	160	06	40	bc	10·0	-07	63	60	-	7	-	3	3	-	-	-	1	cmoclrolrblcmoc	63	61	4
	Boscombe Down	100	09	40	c	10·5	-09	60	59	5	7	-	6	3	-	2	03	1	crrlrorobcc	60	53	0·5
2	Felixtowe ...	100	06	10	o	13·5	+02	59	59	6	-	-	8	8	02	-	-	1	colrmoorrmolro	58	57	3
	Gorleston ...	110	10	16	ido	13·9	-04	57	56	6	-	-	8	8	05	-	-	1	oomporlmo	56	56	Tr
	West Raynham	090	13	20	o	13·1	-02	56	55	6	-	-	8	8	08	-	-	1	crolbcmorolo	55	55	2
	Mildenhall ...	110	05	20	o	12·1	-05	58	57	6	-	-	8	8	05	-	-	1	clrocmocrorombtlro	57	57	3
3	Cranfield ...	070	10	01	of	11·4	-10	58	58	-	-	-	9	9	-	-	-	2	clromoofrrdodo	57	57	2
	Elmdon ...	070	08	56	lro	11·1	-05	58	57	6	-	-	8	8	05	1	02	1	cmorrorrorRRmo	57	57	8
	Wittering ...	090	09	02	of	12·0	-07	57	56	6	-	-	8	8	02	-	-	1	olmorrofrr	55	55	2
	Watnall ...	070	10	12	rr	12·7	-07	55	55	6	-	-	8	8	05	-	-	2	oRRdodom	55	55	19
4	Little Rissington	110	16	11	o/r	10·1	-12	59	59	6	-	-	8	8	01	-	-	1	crorourdoofRomo	59	58	7
	Ross-on-Wye	090	06	24	o	09·9	-15	62	61	5	-	-	8	8	30	1	10	1	rocc Pcbcc	61	•	1
	Shawbury ...	050	08	40	o	10·7	-10	57	55	5	-	-	8	8	18	3	08	2	crrRrcrrRR	54	54	16
5	Bristol ...	090	03	64	c	08·8	-12	61	59	9	6	3	6	1	25	3	10	1	crorocr	60	55	2
	Exeter ...	160	10	64	o/r	07·0	-12	61	59	6	-	-	8	8	08	1	04	1	cbccmocrroc	59	57	Tr
	Portland Bill	160	13	81	o	08·0	—	62	59	5	-	-	8	8	20	-	-	2	c2	60	•	
	Plymouth ...	230	09	81	bc	06·3	-09	61	59	9	6	-	3	3	12	-	-	1	cbccprocrorocRR	60	58	12
	Chivenor ...	110	08	48	ro/o	06·1	-16	61	59	6	2	-	8	8	40	6	15	1	bccprolrocrrbcp	60	58	3
	St. Eval ...	180	08	82	b	05·7	+03	58	58	2	4	-	2	2	18	-	-	1	ccrorobcbcproprr	58	56	36
	Lizard ...	260	04	81	bc	05·7	-03	60	59	3	-	-	3	3	20	-	-	1	orrcprbc	58	•	6
	Scilly, St. Mary's	230	12	82	bc/pr	04·5	+00	59	57	8	-	-	4	4	14	-	-	1	crrbcpbc	58		3
	Guernsey ...	170	11	80	o/pc	09·0	-10	60	58	5	7	-	8	6	12	-	-	1	ccrocbc	59	57	0·2
	Aberporth ...	—	0	80	c/r	07·3	-09	59	57	5	7	-	7	5	50	3	20	1	crorocprbc	57	54	3
6	Pembroke ...	100	30	80	ro/o	06·7	-21	60	57	5	7	-	8	8	34	-	-	1		54	•	6
7	Holyhead (Valley)	080	15	81	c	08·8	-06	58	56	2	9	2	7	6	60	1	07	1	crromoc	57	55	6
8	Manchester ...	060	11	72	lro	12·2	-07	54	54	1	-	-	7	7	30	2	07	1	crroorRR	54	54	7
	Squires Gate...	090	18	80	o/r	12·6	-03	54	52	5	1	-	8	7	28	1	08	1	crroRRcrroRRrorc	53	52	6
	Silloth ...	080	16	64	o	14·6	-02	53	48	5	7	-	8	4	30	2	15	1	ccrorolro	52	49	0·2
9	Finningley ...	050	07	40	rorr	13·8	-04	54	53	7	-	-	8	8	12	6	06	2	ccroromo	54	52	5
10	Spurn Head ...	070	08	48	o	14·1	-07	55	53	5	-	-	8	8	08	-	-	2	oprrorrorrolro	54		2
	Leeming ...	020	05	16	rr	15·3	+00	53	52	7	-	-	7	8	10	-	-			52	52	6
	Tynemouth ...	050	18	80	c	16·3	-06	55	48	5	5	-	7	5	-	2	18		oc	54	53	-
11	St. Abb's Head	050	19	81	c	18·5	-05	53	45	5	-	-	7	7	35	-	-		c	47	•	-
	Leuchars ...	040	09	81	c	18·1	-03	51	44	5	7	-	7	7	80	1	25	1	c	51	49	-
12	Eskdalemuir...	030	10	81	o	15·9	-03	50	48	7	-	-	8	8	22	-	-	1	ododor	49	48	0·2
	Prestwick ...	060	20	82	c	15·6	-03	55	44	53	2	7	2	8	44	45		1	crorodorolroc	49	49	0·3
	West Freugh...	100	20	82	o	14·3	+04	53	49	5	7	-	8	3	35	1	20	1	clromocirro	51	48	7
	Ronaldsway ...	070	22	56	o/r	12·0	-01	55	53	6	7	-	8	8	08	-	-	1	rororrrorc	54	54	10
13A	Tiree ...	060	10	83	bc	16·9	-03	53	45	1	7	-	3	1	30	-	-	0	crorcr	52	48	-
13B	Benbecula ...	050	20	83	bc	18·5	-03	51	40	8	7	-	5	5	50	1	24	0	cbcc	48	46	-
	Stornoway ...	070	13	82	c	20·0	+01	53	39	5	-	-	7	7	45	-	-	0	bcc	52	50	-
	Cape Wrath ...	050	13	84	o	20·3	-08	50	41	5	-	-	8	8	25	-	-	0	co	49	46	-
	Sule Skerry ...	050	09	82	o	20·9	-02	50	41	5	-	-	8	8	20	-	-	0		50	50	-
14	Loch Rannoch																					
15	Dyce ...	020	08	81	o	18·9	-02	50	44	5	-	-	8	8	35	2	25	0	c	49	47	-
	Lossiemouth...	050	08	82	o	19·3	-02	53	40	5	-	-	8	8	35	6	30	0	cprbc	52	50	-
	Wick ...	060	10	85	o	20·8	+01	50	39	5	-	-	8	8	30	-	-	0	cyoc	49	48	-
16	Lerwick ...	360	11	82	o	20·1	-05	47	45	5	-	-	8	8	30	-	-	1	cldoprro	45	43	0·1
17	Blacksod Point	020	24	72	o	11·8	+01	57	55	6	-	-	8	8	11	-	-	1	rc	55	47	0·5
18	Malin Head ...	090	21	81	lro	15·2	+06	54	47	5	-	-	7	7	21	-	-	0	r	51	•	1
	Aldergrove ...	080	18	32	lro	13·0	-04	51	50	7	2	-	8	5	16	4	04	1	cdodomomocrorromo	51	50	0·4
	Castle Archdale	090	11	80	lro	12·1	+01	53	50	7	-	-	8	8	14	5	08	1	cldorrorro	52	53	1
19	Birr Castle ... *	040	05	50	o	07·7	-04	58	57	6	2	-	8	5	25	-	-	1	r	56	55	3
	Collinstown ... *	100	16	28	lro	09·0	-02	57	56	7	-	-	8	5	03	-	-	1	rf	56	56	6
	Rineanna ... *	040	08	32	cb	07·5	+01	58	58	6	-	-	8	6	04	-	-	1	r	56	56	5
20	Valentia ... *	040	10	70	c	06·6	+04	59	57	6	2	3	7	7	11	-	-	1	pr r	58	57	5
	Mullaghmore ... *	360	10	56	lro	05·0	-06	59	57	6	3	-	7	7	14	-	-	1	r pr	58	58	29

OBSERVATIONS Thursday NIGHT

Stations	Min. °F.	Min. on Grass °F.	Rain mm
Kew	62	58	1
London Airport	62	52	03
Tangmere	57	51	7
Calshot	61	55	Tr
Boscombe Down	63	61	4
Felixtowe	60	53	0·5
Gorleston	58	57	3
West Raynham	56	56	Tr
Mildenhall	55	55	2
Cranfield	57	57	3
Elmdon	57	57	2
Wittering	55	55	8
Watnall	55	55	2
Little Rissington	55	55	19
Ross-on-Wye	59	58	7
Shawbury	61	•	1
Bristol	54	54	16
Exeter	60	55	2
Portland Bill	59	57	Tr
Plymouth	60	•	
Chivenor	60	58	12
St. Eval	60	58	3
Lizard	58	56	36
Scilly, St. Mary's	58	•	6
Guernsey	59	57	0·2
Aberporth	57	54	3
Holyhead (Valley)	54	•	6
Manchester	57	55	6
Squires Gate	54	54	7
Silloth	53	52	6
Finningley	52	49	0·2
Spurn Head	54	52	5
Leeming	54		2
Tynemouth	52	52	6
St. Abb's Head	54	53	-
Leuchars	47	•	-
Eskdalemuir	51	49	-
Prestwick	49	48	0·2
Boscombe Down	49	49	0·3
West Freugh	51	48	7
Ronaldsway	54	54	10
Tiree	52	48	-
Benbecula	48	46	-
Stornoway	52	50	-
Cape Wrath	49	46	-
Sule Skerry	50	50	-
Dyce	49	47	-
Lossiemouth	52	50	-
Wick	49	48	-
Lerwick	45	43	0·1
Blacksod Point	55	47	0·5
Malin Head	51	•	1
Aldergrove	51	50	0·4
Castle Archdale	52	53	1
Birr Castle	56	55	3
Collinstown	56	56	6
Rineanna	56	56	5
Valentia	58	57	5
Mullaghmore	58	58	29

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* Information not usually received.

Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 16th July 1949
No. 32013

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	°F. Dew point (8)	Cloud Form Low (9)	Medium (10)	High (11)	Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Ht. (14)	Lowest layer Amt. 0-8 (15)	Ht. (16)
0	Kew	160	12	81	bc	09·2	-12	73	53	2	–	1	5	5	35	–	–
	London Airport	150	13	82	bc	09·0	-12	72	53	2	6	–	5	1	–	5	25
1	Lympne	140	07	40	c	11·1	-06	64	61	5	7	–	7	7	–	6	08
	Tangmere	170	13	64	bc	10·2	-04	70	60	8	–	–	5	4	40	4	20
	Calshot	270	08	81	bc	09·8	-02	69	57	3	–	–	5	5	15	–	–
	Boscombe Down	150	13	81	c	09·0	-05	70	56	2	–	–	7	7	25	–	–
2	Felixtowe	110	10	48	c	11·8	-05	65	62	6	–	–	7	7	35	4	18
	Gorleston	130	10	12	roro	13·4	-01	60	59	6	–	–	8	8	05	–	–
	West Raynham	080	13	32	roro	12·1	-10	62	60	7	2	–	8	7	60	5	03
	Mildenhall	130	08	64	c	10·2	-14	69	61	6	–	–	7	7	25	4	20
3	Cranfield	170	07	40	c	09·6	-16	72	53	9	–	3	7	6	20	–	–
	Elmdon	070	09	20	c	09·4	-12	63	61	6	–	–	7	7	10	3	04
	Wittering	100	04	24	o	10·5	-11	63	61	7	2	–	8	8	10	5	02
	Watnall	050	11	10	roro	11·4	-09	57	57	6	–	–	8	8	10	6	06
4	Little Rissington	160	15	82	q/pr	08·0	-14	68	55	3	–	–	7	7	20	–	–
	Ross-on-Wye	180	08	64	o	08·6	-07	68	60	9	–	–	8	8	25	–	–
	Shawbury	100	12	64	o	09·7	-08	61	56	6	–	–	8	8	22	4	12
5	Bristol	~~100~~ 160	07	81	bc/pr	08·0	-06	68	62	3	6	3	5	4	22	–	–
	Exeter	160	13	82	bc	07·6	-03	69	56	2	6	–	3	3	20	–	–
	Portland Bill																
	Plymouth	230	10	81	c	07·4	+01	67	59	2	6	1	7	5	15	–	–
	Chivenor	230	10	84	jp	06·4	-01	67	59	2	3	2	5	5	20	–	–
	St. Eval	180	15	82	jp	05·8	00	68	56	9	3	3	7	2	–	5	12
	Lizard	270	10	32	RR	06·9	+02	61	61	6	–	–	8	8	08	–	–
	Scilly, St. Mary's	240	15	81	jp	05·1	+02	65	60	8	7	–	2	4	70	6	14
	Guernsey	180	07	81	c	09·0	-04	68	60	9	7	–	7	4	20	3	15
	Aberporth	170	09	80	c	06·1	-03	68	55	2	7	3	6	3	18	–	–
6	Pembroke	130	10	81	c	06·3	+07	64	59	2	7	8	6	4	25	–	–
7	Holyhead (Valley)	080	22	48	c	08·3	-02	62	55	5	7	–	7	7	–	1	20
8	Manchester			64	c	11·1	-10	61	59	8	7	–		5	25	1	12
	Squires Gate	080	20	80	clr	11·7	-06	57	54	6	9	–	7	4	25	1	12
	Silloth	070	22	56	ir	14·8	+01	54	50	5	7	–	8	7	25	–	–
9	Finningley	070	12	40	o/r	12·6	-10	56	54	6	2	–	8	8	10	6	06
10	Spurn Head	070	14	40	iro	13·0	-11	57	55	8	–	–	8	8	14	–	–
	Leeming	050	06	24	roro	15·0	-02	53	52	7	2	–	8	6	12	6	06
	Tynemouth	090	16	80	r	16·3	-02	55	49	6	–	–	8	8	12	–	–
11	St. Abb's Head	050	19	81	c	17·2	+01	53	42	5	–	–	7	7	25	–	–
	Leuchars	040	18	82	o	18·2	+02	54	44	5	7	–	8	5	40	2	15
12	Eskdalemuir	050	16	81	o	15·5	00	52	45	6	–	–	8	6	15	–	–
	Prestwick	060	21	81	o	15·6	+01	57	46	6	–	–	8	7	28	3	22
	West Freugh	090	20	82	o/r	14·5	+01	55	49	5	7	–	8	6	30	1	15
	Ronaldsway	070	23	64	iro	11·7	-02	57	52	6	–	–	8	8	16	3	14
13A	Tiree	050	09	81	c	16·9	-02	59	44	5	7	–	7	4	30	–	–
13B	Benbecula	060	21	83	o	18·6	-02	56	43	8	–	–	8	8	35	1	26
	Stornoway	070	21	82	o	20·0	-03	56	41	5	–	–	8	7	45	3	30
	Cape Wrath	050	13	84	o	20·3	+01	50	39	5	–	–	8	8	25	–	–
	Sule Skerry	050	09	82	o	20·9	-02	52	44	5	–	–	8	6	15	–	–
14	Loch Rannoch																
15	Dyce	050	08	82	o	19·3	+02	54	44	5	–	–	8	8	35	5	20
	Lossiemouth	040	10	82	o	19·8	+01	54	41	5	–	–	8	8	38	5	25
	Wick	020	12	84	o	20·7	-03	52	41	5	–	–	8	8	28	–	–
16	Lerwick	340	13	80	o/d	19·6	-06	50	46	5	–	–	8	8	21	–	–
17	Blacksod Point	020	24	76	o/r	12·5	+03	57	54	7	–	–	8	8	15	–	–
18	Malin Head	090	13	82	c	15·3	-02	56	49	5	–	–	6	6	21	–	–
	Aldergrove	070	13	48	roro	13·9	+02	53	51	6	–	–	8	8	18	5	05
	Castle Archdale	090	13	80	roro	13·3	+04	53	51	7	–	–	8	8	12	–	–
19	Birr Castle *	020	09	50	o/r	08·2	+03	58	56	6	–	–	8	8	25	–	–
	Collinstown *	080	24	72	o	09·5	-02	67	53	6	–	–	8	4	12	3	08
	Rineanna *	030	14	36	roro	08·4	+08	59	57	6	–	–	8	8	09	–	–
20	Valentia *	360	18	36	c	07·3	00	64	58	8	6	1	7	5	17	–	–
	Midleton *	050	11	72	o	05·9	+07	63	58	6	7	–	8	7	17	–	–

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

Stations	Wind Direction (degrees) (17)	Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	°F. Dry Bulb (23)	°F. Dew point (24)	Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Ht. (30)	Lowest layer Amt. 0-8 (31)	Ht. (32)	21 h State of ground (33)
Kew	180	08	81	c	08·2	-09	73	59	5	7	9	6	5	48	1	41	0
London Airport	180	11	81	bc	08·2	-08	70	56	2	3	–	4	1	25	–	–	1
Lympne	–	0	81	bc	09·6	-08	68	58	5	3	9	5	1	25	–	–	0
Tangmere	220	09	80	c	09·1	-06	67	60	8	9	3	7	5	83	2	20	0
Calshot	200	04	80	bc	09·3	-03	66	57	2	7	1	4	2	15	–	–	0
Boscombe Down	200	09	81	bc	08·8	-01	69	54	3	6	–	3	1	–	2	25	0
Felixtowe	090	16	48	bc	10·6	-05	63	60	5	–	–	5	5	40	–	–	1
Gorleston	130	10	16	bc	12·1	-07	61	60	6	3	1	5	3	02	–	–	0
West Raynham	070	12	20	iro	10·5	-03	60	59	7	–	–	8	8	04	–	–	1
Mildenhall	100	10	56	c	09·0	-07	68	61	6	–	–	6	6	25	2	18	1
Cranfield	–	0	81	c/tlr	08·6	-02	67	62	8	–	–	6	5	30	3	20	1
Elmdon	360	08	20	c/tlro	08·1	-02	62	61	9	6	3	7	6	15	3	10	1
Wittering	110	13	40	c	08·8	-07	64	61	3	6	–	7	4	10	4	03	2
Watnall	040	09	12	tlro	10·3	-03	58	58	9	–	–	8	8	12	6	06	2
Little Rissington	200	13	82	c	07·2	+02	68	52	8	6	–	7	4	40	2	25	1
Ross-on-Wye	210	09	81	bc	07·5	+00	72	53	5	–	–	5	5	30	–	–	0
Shawbury	080	20	64	o	08·9	-03	60	57	5	–	–	8	8	12	4	08	1
Bristol	200	15	82	bc	07·4	+00	69	54	9	6	9	3	2	25	–	–	0
Exeter	180	08	82	bc	07·3	-06	65	53	2	6	2	3	2	30	–	–	0
Portland Bill																	
Plymouth	230	10	81	c	07·1	-04	64	59	2	–	–	6	6	15	–	–	0
Chivenor	–	0	81	c/pr	06·6	+01	63	60	8	6	–	7	6	35	3	18	0
St. Eval	160	10	81	pro	06·2	-02	62	60	9	6	3	7	4	18	5	07	1
Lizard	240	09	56	pr	06·2	-06	68	60	3	–	–	6	6	15	–	–	1
Scilly, St. Mary's	240	11	82	c/pr	05·2	-02	64	60	9	–	–	6	6	14	–	–	1
Guernsey	190	02	81	bc/f	09·0	+00	64	59	9	4	3	4	1	22	1	10	1
Aberporth	–	0	80	iro	06·4	-01	63	58	8	7	–	7	2	14	1	08	1
Pembroke	120	10	81	c	06·5	+02	62	59	2	7	8	6	3	25	–	–	1
Holyhead (Valley)	070	22	20	c/pr	07·5	-08	60	57	5	8	2	7	5	35	–	–	1
Manchester	080	14	40	d/r	10·1	-07	56	54	5	7	–	8	6	10	1	20	1
Squires Gate	070	17	81	o	11·1	-03	57	52	5	7	–	8	6	~~14~~ 12	4	08	1
Silloth	070	28	72	iro	13·7	-06	55	48	5	7	–	8	4	12	–	–	1
Finningley	070	10	28	o/pr	11·6	-01	56	54	2	4	–	8	6	06	–	–	1
Spurn Head	080	15	40	o	12·3	+03	57	54	5	–	–	8	8	10	–	–	1
Leeming	020	03	48	iro	13·6	-06	55	51	6	–	–	8	8	15	3	10	2
Tynemouth	090	15	80	o	15·2	-07	55	48	5	–	–	8	8	12	–	–	1
St. Abb's Head	050	19	80	c	16·3	-01	53	45	5	–	–	7	7	25	–	–	0
Leuchars	050	17	82	o	16·8	-07	54	44	5	–	–	8	8	45	1	18	1
Eskdalemuir	030	15	82	o	14·6	-05	51	46	7	2	–	8	6	11	–	–	1
Prestwick	050	18	80	roro	14·9	-05	53	49	6	2	–	8	5	40	2	20	1
West Freugh	090	20	81	iro	13·5	-04	55	49	5	7	–	8	4	30	2	15	1
Ronaldsway	060	15	80	o	10·9	-01	58	53	6	7	–	8	6	16	–	–	1
Tiree	020	11	84	c	16·0	-06	57	48	5	7	–	7	6	30	–	–	0
Benbecula	050	21	84	bc	17·7	-07	58	43	8	3	–	3	2	40	1	26	0
Stornoway	050	19	83	b	19·2	-09	55	42	5	–	1	1	1	35	–	–	0
Cape Wrath	050	02	82	pro	19·5	-09	49	47	8	–	–	8	8	20	–	–	1
Sule Skerry	050	09	82	c	19·7	-10	52	46	8	–	–	7	7	15	–	–	0
Loch Rannoch																	
Dyce	020	08	82	o	17·8	-06	52	44	5	–	–	8	8	30	1	20	1
Lossiemouth	–	0	82	o	18·8	-07	53	40	5	–	–	8	8	30	–	–	0
Wick	030	08	83	c	19·0	-11	51	46	5	–	–	7	7	25	–	–	0
Lerwick	030	09	82	o	18·5	-08	49	47	2	–	–	8	8	24	2	15	1
Blacksod Point	030	24	52	roro	13·4	+04	56	53	7	–	–	8	8	09	–	–	1
Malin Head	090	13	80	c	15·0	-03	55	48	5	–	–	7	7	21	–	–	0
Aldergrove	060	09	56	roro	13·4	-03	53	51	6	2	–	8	6	25	4	09	1
Castle Archdale	070	12	81	o	12·6	-02	55	50	5	2	–	8	8	80	6	18	1
Birr Castle *	020	09	35	rr	08·9	+02	56	54	7	2	–	8	5	25	–	–	1
Collinstown *	050	20	40	roro	09·5	-03	55	53	6	–	–	8	5	06	1	02	0
Rineanna *	020	16	32	roro	09·2	+03	57	55	6	–	–	8	5	07	3	05	1
Valentia *	020	15	40	o	08·9	+05	60	55	6	–	–	8	7	12	–	–	1
Midleton *	020	13	72	pro	06·2	+00	61	60	3	7	–	8	6	21	2	17	1

OBSERVATIONS during DAY (15th)

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	~~cbcycyprocyroc~~ [illegible]	76	~~4·8~~ 5·3	Tr
London Airport	obcycyprotroc	76	*	0·2
Lympne	cbcbc	72	6·3	–
Tangmere	bccproc	68	6·6	Tr
Calshot	bcbcyccprobc	71	8·0	0·1
Boscombe Down	cbcc	74	7·4	–
Felixtowe	crorocc mo c mo bc mo c mo	68	5·2	Tr
Gorleston	cro mo o ro ro mo bc mo mo	61	0·5	2
West Raynham	clr mo c clr mo c mo	66	0·3	5
Mildenhall	cmocproctlbc	73	2·8	2
Cranfield	cdocdof2ocyctlRpR	75	4·3	7
Elmdon	omocpromctlrmcmo	67	*	20
Wittering	orvmomootlrmoclromo	66	1·5	2·9
Watnall	omdrctlrmoorr	58	0·0	23
Little Rissington	cmoprobcyc	74	5·4	0·3
Ross-on-Wye	cbcpobctlcybc	74	5·6	0·3
Shawbury	cRRrcRc	62	0·1	3
Bristol	orvpRbcyb	73	9·1	3
Exeter	cbcbbw	71	11·9	–
Portland Bill			•	
Plymouth	cbcc	68	*	–
Chivenor	bcjpcprc	73	4·2	4
St. Eval	bjprcproccproc	69	4·9	5
Lizard	orrcprc	66	9·3	7
Scilly, St. Mary's	bccpcr	69	7·6	1
Guernsey	bcmcrvfbc	69	9·7	5
Aberporth	ccro rro	71	3·8	0·4
Pembroke	bccpr	65	6·3	4
Holyhead (Valley)	cmopr	63	0·8	0·3
Manchester	oRrcirorro	64	1·1	5
Squires Gate	clro	62	0·3	0·6
Silloth	clrocrorocdodocclro	57		2
Finningley	crorom ocpro mocmo	59	0·0	12
Spurn Head	omolro omo	58	0·0	Tr
Leeming	crrmocclro	55	0·0	4
Tynemouth	corro	56		5
St. Abb's Head	c	54	•	–
Leuchars	c	55	0·0	–
Eskdalemuir	~~cprrc~~ corrc	55	0·0	2
Prestwick	cclrororoc	59	0·2	0·5
West Freugh	crorocdoc	57	•	1
Ronaldsway	clrocrorocdodocclro	59	0·1	1
Tiree	cvbvcv	61	2·9	–
Benbecula	cbc	58	3·7	–
Stornoway	cybcpro	59	6·6	Tr
Cape Wrath	opr	52		2
Sule Skerry		55	*	–
Loch Rannoch				
Dyce	cclroc	54	0·0	Tr
Lossiemouth	cc	56	0·0	–
Wick	c	53	0·1	–
Lerwick	cdocdo	52	0·2	Tr
Blacksod Point	r	58	0·0	5
Malin Head	c	57	*	–
Aldergrove	crorom ocldomoclro	56		1
Castle Archdale	crorolro	56	0·0	2
Birr Castle *	rr	61	0·0	3
Collinstown *	r	67	0·0	2
Rineanna *	prr	65	1·9	–
Valentia *	r pr	65	0·9	1
Midleton *	rpr	70	0·8	14

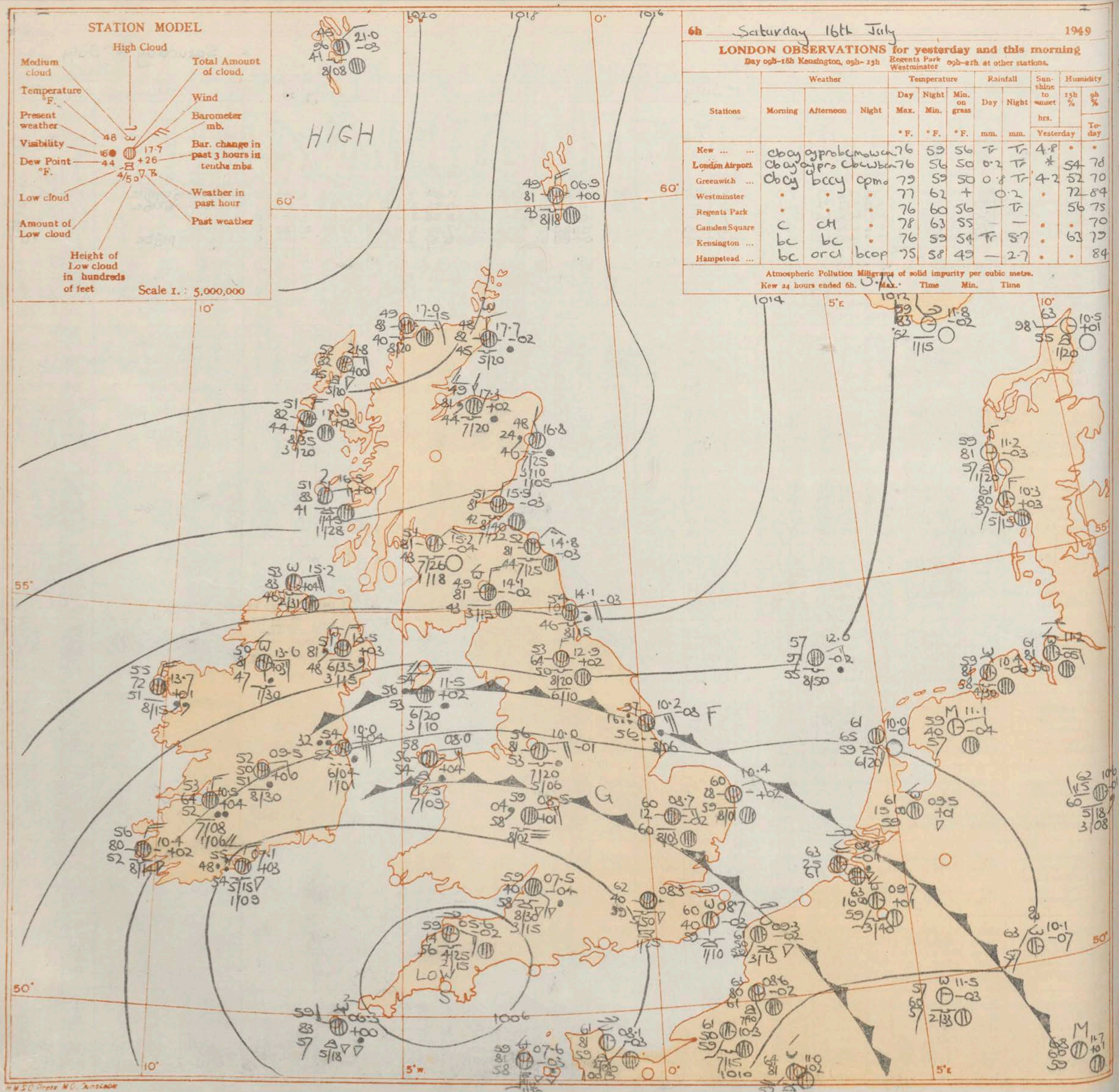
*Rainfall read at 1800.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

←← Cloud heights are in hundreds of feet

* Information not usually received.

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



Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. (Yesterday)	Humidity 15h % (Yesterday)	Humidity 9h % (Today)
Kew	cbcy	cyprobc	mowcm	76	59	56	Tr	Tr	4.8	•	•
London Airport	cbcy	cypro	cbcwbcm	76	56	50	0.2	Tr	*	54	78
Greenwich ...	cbcy	bccy	cpmo	79	59	50	0.8	Tr	4.2	52	70
Westminster	•	•	•	77	62	+	0.2		•	72	84
Regents Park	•	•	•	76	60	56	—	Tr		56	75
Camden Square	c	ch	•	78	63	55	—	—	•	•	70
Kensington ...	bc	bc	•	76	59	54	Tr	5.7	•	63	79
Hampstead ...	bc	orcl	bcop	75	58	49	—	2.7	•	•	84

H.M.S.O. Press M.O. Jonscaon

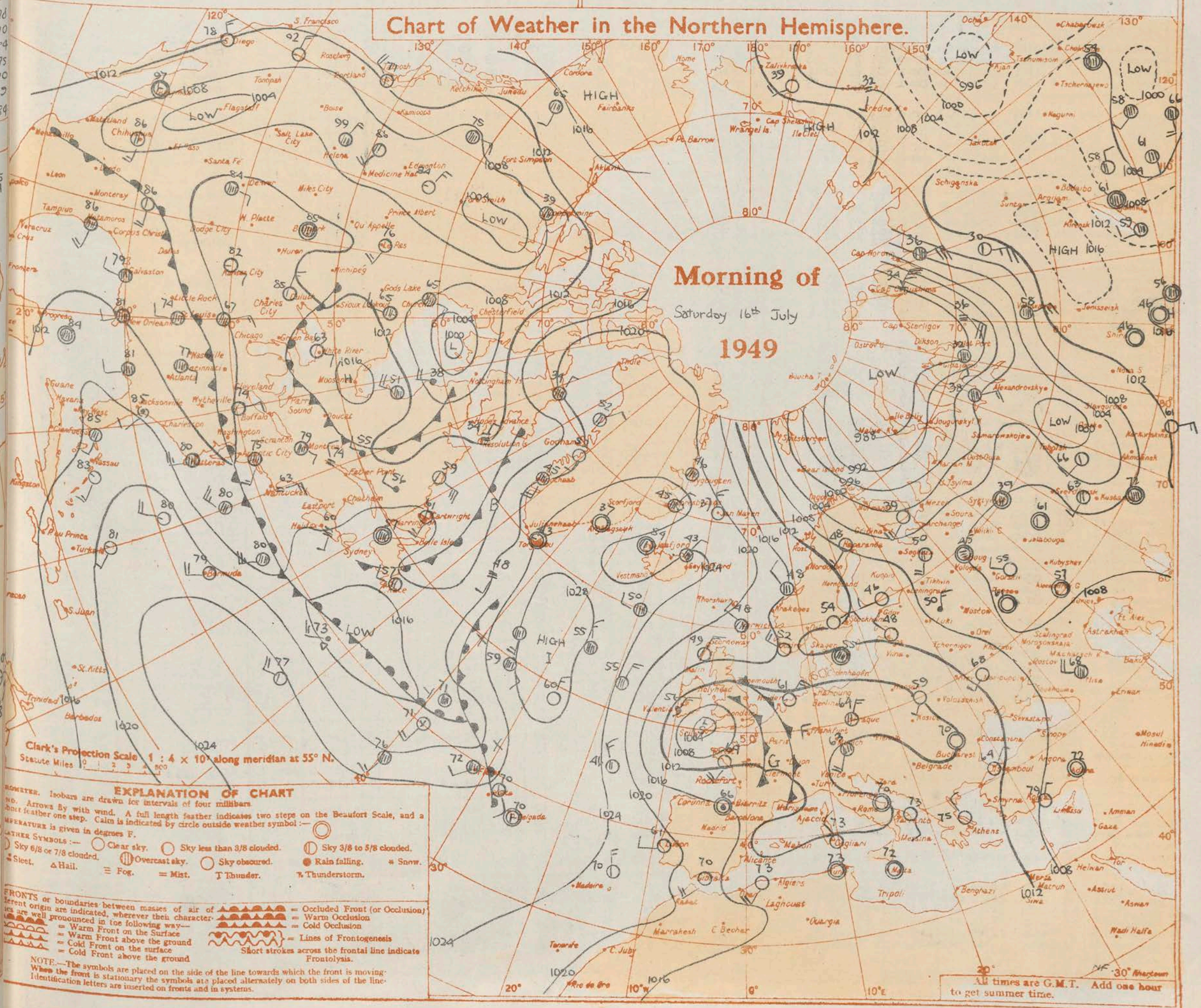
GENERAL INFERENCE

A depression near Southwest England is moving slowly east. The weather
ll be mainly cloudy in all districts and over much of England and Wales
prodic outbreaks of thundery rain or thunderstorms will occur. It will be
se over Southern England and much of the Midlands, but in most
er places it will be rather cool with easterly winds.

FURTHER OUTLOOK

Cloudy and rather cool in most places. Rain at times in some eastern districts of England.

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

Page 4.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 16th July 1949
No. 32013

OBSERVATIONS at 00hr G.M.T. 16th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	18	*	*	*	*	*	*	62	*	*	*	*	*	*	*	*	
	London Airport	82	170	04	64	bc	09·1	+01	62	59	5	3	—	3	2	56	—	—
1	Lympne	341	120	02	64	c	10·0	-02	62	59	5	—	—	6	6	30	—	—
	Tangmere	63	180	01	32	bc	09·2	-03	60	59	6	3	—	5	5	25	—	—
	Calshot	8	170	05	81	b	09·2	-04	63	60	5	—	—	1	1	20	—	—
	Boscombe Down	414	150	02	64	bc	09·0	+02	59	56	5	3	—	5	5	60	—	—
2	Felixtowe	10	070	08	32	roro	10·3	-03	61	60	6	—	—	7	5	08	—	—
	Gorleston	5	070	07	32	c	11·4	-07	60	59	6	—	—	7	7	08	—	—
	West Raynham	250	080	11	05	o	10·4	-03	58	56	6	—	—	8	8	02	—	—
	Mildenhall	15	120	04	56	ir	09·6	-04	60	58	5	—	—	7	7	49	2	25
3	Cranfield	340	120	03	64	c	09·3	+03	62	61	8	—	—	6	6	28	1	25
	Elmdon	328	080	08	16	o	08·8	-01	61	60	6	—	—	8	8	06	5	04
	Wittering	236	060	09	16	iro	09·7	+02	59	58	7	—	—	8	8	03	—	—
	Watnall	366	050	10	40	o/r	10·4	-03	58	57	6	—	—	8	8	03	—	—
4	Little Rissington	740	180	08	62	c	08·6	+02	59	55 *	5	—	—	6	6	55	1	30
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury	235	090	08	24	o/r	09·2	-03	58	55	7	—	—	8	8	07	—	—
5	Bristol	209	180	02	81	b	08·5	+05	55	52	4	—	—	1	1	35	—	—
	Exeter	100	—	0	56	c	07·6	-06	59	58	8	—	—	6	5	34	3	12
	Portland Bill	32	230	02	32	o	08·5	*	60	58	6	—	—	8	8	07	—	—
	Plymouth	90	130	03	64	q/pr	06·5	-08	62	59	6	—	—	7	7	10	3	08
	Chivenor	20	110	10	62	bc	06·5	-01	59	56	5	—	—	4	4	20	—	—
	St. Eval	336	160	07	40	pro	05·8	-05	60	59	2	7	—	7	6	—	5	12
	Lizard	240	250	02	56	pr	08·7	-07	60	59	9	—	—	7	7	12	—	—
	Scilly, St. Mary's	163	250	02	56	pr	08·7	-07	60	59	9	—	—	7	7	12	—	—
	Guernsey	340	200	02	81	b/pr	09·2	00	59	57	—	4	2	1	1	—	—	—
	Aberporth	375	—	0	81	bc	06·8	00	59	57	5	—	—	5	5	25	—	—
6	Pembroke	142	090	18	32	ir	06·0	-05	59	59	5	—	—	8	8	20	—	—
7	Holyhead (Valley)	32	080	21	20	o	08·3	+01	57	53	5	—	—	8	8	47	—	—
8	Manchester	230	060	17	56	iro	10·4	-01	55	52	5	—	—	8	8	18	3	14
	Squires Gate	33	070	17	80	o	11·2	-01	55	52	7	—	—	8	5	12	—	—
	Silloth	25	070	25	64	o	13·9	-01	52	47	5	7	—	8	6	25	—	—
9	Finningley	52	050	07	20	pro	11·6	-03	54	53	2	—	—	8	8	08	—	—
10	Spurn Head	29	070	15	56	o	11·8	-04	57	54	5	—	—	8	8	15	—	—
	Leeming	105	360	09	32	o	13·7	-04	54	51	6	—	—	8	8	22	2	09
	Tynemouth	108	050	16	80	roro	15·5	+01	54	48	6	—	—	8	8	12	—	—
11	St. Abb's Head	280	050	15	81	c	16·1	-04	52	44	5	—	—	7	7	25	—	—
	Leuchars	36	020	08	82	o	17·1	00	51	45	5	—	—	8	8	43	3	25
12	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick	30	050	15	80	o	15·6	+04	52	46	5	7	—	8	8	80	7	35
	West Freugh	52	090	12	80	o	14·0	00	52	49	5	7	—	8	4	30	1	15
	Ronaldsway	55	040	13	32	roro	11·5	+02	55	53	6	—	—	8	8	11	6	07
13A	Tiree	29	050	05	83	c	16·6	+03	52	48	5	—	—	7	7	40	—	—
13B	Benbecula	16	030	14	82	b	18·5	+03	49	45	8	—	—	2	1	18	—	—
	Stornoway	10	360	13	81	o	19·2	-03	52	44	8	—	—	8	5	20	—	—
	Cape Wrath	367	050	09	83	c	19·7	-03	48	44	8	—	—	7	7	20	—	—
	Sule Skerry	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	880																
15	Dyce	234	340	05	81	o/r	17·8	-02	49	44	5	—	—	8	8	35	5	20
	Lossiemouth	21	050	10	81	o	18·2	-02	52	42	5	—	—	8	8	22	—	—
	Wick	119	010	08	83	o	18·7	-04	50	41	5	—	—	8	8	26	—	—
16	Lerwick	269	350	10	82	o	18·0	-03	48	45	5	—	—	8	8	15	—	—
17	Blacksod Point	18	020	27	58	roro	14·2	+03	56	54	9	—	—	8	8	11	—	—
18	Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	220	020	08	80	c	13·8	-01	51	49	6	—	—	7	6	20	3	12
	Castle Archdale	225	050	03	80	ir	13·9	+04	51	49	5	2	—	8	8	80	4	15
19	Birr Castle *	187	070	09	35	roro	10·0	+02	54	53	7	2	—	8	8	25	—	—
	Collinstown *	226	050	21	48	ir	10·2	+02	54	53	6	—	—	8	4	06	1	04
	Rineanna *	10	010	13	32	ir	10·6	+02	54	53	5	—	—	8	5	12	1	06
20	Valentia *	30	020	15	60	ido	10·8	+03	56	53	6	—	—	8	8	12	—	—
	Midleton *	30	020	16	48	pro	07·6	+03	56	55	6	—	—	8	8	25	2	12

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 16th July / OBSERVATIONS Friday NIGHT

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Form Low (25)	Form Medium (26)	Form High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	—	0	30	c	07·8	-03	64	59	5	-	1	6	5	45	1	31	0	ccmowcmo	59	50	TR
London Airport	330	05	22	bc	08·3	-	59	57	5	3	4	3	2	30	1	08	1	cbcbwbcm cmo	56	50 or	MR
Lympne	—	0	40	bc	08·7	-03	60	59	8	3	2	4	3	70	1	10	0	ccrrcfc	60	57	2
Tangmere	—	0	40	c	08·1	-01	63	61	7	-	1	7	6	30	2	20	0	ccmoc	59	55	TR
Calshot	—	0	80	c	08·3	-02	63	60	8	-	-	7	7	25	1	12	0	cbccproc	61	57	TR
Boscombe Down	150	07	16	jf	09·4	+04	59	59	5	3	2	6	5	50	4	10	0	cbccmfproc	56	53	TR
Felixtowe	050	03	07	o	09·2	-03	61	60	6	—	-	8	8	08	—	—	2	croro mo cprocroro	60	58	4
Gorleston	070	05	28	o	10·4	+02	60	59	6	—	-	8	8	01	—	—	0	cmo cmo woro mo	60	58	TR
West Raynham	050	10	33	iro	09·7	-02	58	58	6	—	-	8	8	10	6	06	1	cmo iR crrmo	57	55	14
Mildenhall	100	01	16	old	08·6	-01	61	61	6	-	-	8	8	05	—	—	1	bccrrmo cido mo	61	57	4
Cranfield	—	0	40	c	08·6	-01	60	58	5	3	-	7	6	30	—	—	0	cprolmoc	59	55	-
Elmdon	050	10	04	ido	08·5	+01	59	58	6	—	-	8	8	02	—	—	1	cmoomoododmo	57	56	TR
Wittering	090	07	04	iro	08·9	+01	59	58	6	—	-	8	8	02	—	—	1	ciro mo cthrmof	58	58	19
Watnall	040	12	08	iro	09·8	-04	54	54	6	—	-	8	8	05	—	-	2	orroiro mom	54	54	25
Little Rissington	160	02	64	c	08·0	-01	59	57	2	3	6	7	6	80	2	30	0	cbccmojpc	56	53	-
Ross-on-Wye	090	01	24	2	08·8	-06	59	58	8	3	-	7	7	20	—	—	0	cbcc	56		-
Shawbury	070	12	40	o	08·7	+03	57	54	7	2	-	8	7	08	—	—	1	cro do iro d.	56	54	0·6
Bristol	130	03	40	olpr	07·5	+04	59	58	8	—	-	8	8	30	3	15	1	bcpro	53	44	1
Exeter	160	03	48	c	06·2	-03	61	58	2	—	-	7	7	15	-	-	1	bwcwcdo do cpro	58	51	0·2
Portland Bill																					
Plymouth	160	06	20	pro	04·8	-03	61	60	2	—	-	7	7	08	—	—	1	bcpro cprocbc	59	58	6
Chivenor	110	07	84	bc	05·6	-02	59	56	5	—	2	5	4	25	2	15	0	cbcc	58	55	-
St. Eval	—	0	82	c	04·3	-03	59	58	6	7	3	6	5	-	4	12	1	ccprcpro cbccpro	58	57	6
Lizard	290	03	81	bc	04·7	+10	59	57	1	—	-	3	3	20	—	—	1	cprbcprbc	57	*	5
Scilly, St. Mary's	300	10	83	qpr	04·3	+00	59	57	2	6	-	6	2	70	5	18	1	crrbcpc	59	*	7
Guernsey	190	04	81	qpr	07·6	-01	59	58	9	7	-	7	3	20	4	12	1	bccprbcprocccrmo	58	56	2
Aberporth	—	0	81	b	06·6	+03	58	56	-	7	4	2	1	-	-	-	0	cirocbcpbcc	55	44	1
Pembroke	080	16	58	o	05·9	+03	59	59	5	7	-	8	6	12	—	—	1	crrcirocbc	58	*	11
Holyhead (Valley)	080	18	56	c	08·0	+04	58	54	2	-	-	7	7	25	7	09	1	cmopriropr	56	55	3
Manchester	070	15	81	c	10·0	-01	56	53	5	-	-	7	7	20	5	06	1	ciroido	54	53	TR
Squires Gate	070	14	80	o/r	10·8	+01	54	51	5	7	-	8	4	35	2	08	1	ciro	54	52	0·6
Silloth	070	20	81	o	13·4	+01	53	46	5	3	-	8	4	50	—	—	1	ciroc	51	49	-
Finningley	050	10	11	rr	10·6	-01	55	55	6	2	-	8	8	10	6	05	2	cprmocro merrmo	54	54	16
Spurn Head	070	20	16	rr	10·2	-08	57	56	7	-	-	8	8	06	-	-	2	omorr.	56		5
Leeming	020	07	64	o	12·9	+02	53	50	6	-	-	8	8	20	6	10	1	cmo cdo ciro	54	51	1
Tynemouth	050	12	10	o	14·1	-03	54	46	5	-	-	8	8	15	-	-	1	ororoo	53	50	0·3
St. Abb's Head	050	09	81	c	14·8	-03	52	44	5	-	-	7	7	25	-	-	0	c	47	*	-
Leuchars	010	06	81	o	15·9	-03	51	42	6	-	-	8	8	40	7	22	1	ccidoc	49	47	-
Eskdalemuir	010	09	81	o	14·1	-02	49	43	6	7	-	8	3	15	-	-	0	cciroc	48	47	0·2
Prestwick	050	16	82	c	14·4	+00	51	45	5	-	1	7	7	65	5	41	0	coc	50	50	-
West Freugh	080	05	82	o	13·4	+03	53	47	5	7	-	8	8	83	4	25	1	c	51	49	-
Ronaldsway	040	12	56	ir	11·5	+02	54	53	6	2	-	8	6	20	3	10	1	cirororo doro	53	53	10
Tiree	050	10	83	c	16·8	+01	51	41	8	-	6	6	1	45	1	28	0	cvbcvcv	45	35	-
Benbecula	020	14	82	o	17·9	+03	51	44	5	-	-	8	8	35	3	20	0	bccjp	48	44	-
Stornoway	070	10	82	c	18·5	+00	52	45	2	-	-	7	5	20	-	-	0	cjppro	50	48	TR
Cape Wrath	090	09	83	o	18·0	-05	49	40	5	-	-	8	8	20	-	-	1	proc	46	44	0·2
Sule Skerry	050	09	82	c	18·1	-05	49	43	5	-	-	7	7	15	-	-	1		50	47	0·4
Loch Rannoch																					
Dyce	330	05	24	ido	16·8	+01	48	46	5	-	-	7	7	25	3	10	1	ccido cproc	47	47	TR
Lossiemouth	360	10	81	ido	17·3	+02	49	44	5	2	-	7	7	20	-	-	1	ciroidoc	49	48	TR
Wick	360	04	82	c	17·7	-02	48	45	5	-	9	6	5	20	-	-	0	ciroc	45	43	TR
Lerwick	360	12	81	o	16·9	+00	49	43	5	-	-	8	8	18	-	-	1	cidoc	47	44	-
Blacksod Point	020	13	72	o/r	13·7	+01	55	51	7	-	-	8	8	15	-	-	1	r, d.	53	45	1
Malin Head																	1		51	*	-
Aldergrove	040	10	81	ido	13·5	+03	51	48	6	7	-	8	6	35	3	15	1	ccido ciroc	50		TR
Castle Archdale	070	09	81	c	13·6	+03	50	47	5	7	-	7	7	81	1	30	1	ciroc	49	47	0·2
Birr Castle	070	05	50	o	09·5	+00	52	51	6	-	-	8	8	30	-	-	1	r.r.	51	50	5
Collinstown	060	21	32	roro	10·0	+04	54	52	7	-	-	8	6	04	1	01	1	r.r.	53	53	12
Rineanna	350	11	64	o/r	10·5	+04	53	52	6	-	-	8	7	08	1	06	1	r.r.	52	51	4
Valentia	020	15	80	o	10·4	+02	56	52	5	-	-	8	8	14	-	-	1	d pr.	55	54	0·1
Midleton	020	13	48	rr	07·1	+03	55	54	6	2	-	8	5	15	1	09	1	pr. pr.	54	54	5

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 17th July 1949

No. 32014.

OBSERVATIONS at 12h. G.M.T. 16th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew	–	0	46	c/Hr	08·3	+01	70	60	2	–	–	6	6	31	–	–
	London Airport																
1	Lympne	130	02	81	bc/Hr	08·2	+02	67	60	3	6	–	9	3	25	–	–
	Tangmere	210	10	81	c	09·1	+01	69	58	2	6	2	6	3	20	–	–
	Calshot	230	11	80	c	08·7	+04	70	57	8	–	2	6	4	15	–	–
		230	10	81	c	08·4	-02	71	57	9	7	4	6	2	–	5	15
2	Boscombe Down	160	07	81	c	08·1	-06	71	55	2	3	–	6	3	–	5	25
	Felixtowe	090	10	40	c	09·4	+01	67	64	9	–	–	7	4	20	–	–
	Gorleston	020	09	24	2	09·5	-03	63	61	3	7	–	7	7	65	–	–
	West Raynham	040	10	24	r/r.	09·6	-01	62	60	6	2	–	7	7	30	5	06
	Mildenhall	120	05	80	b	08·6	-04	71	61	3	–	3	7	7	–	5	28
3	Cranfield	080	05	40	tlr.	09·0	+04	61	60	3	7	–	8	8	81	4	15
	Elmdon	040	14	58	c	08·7	-02	64	60	2	–	–	7	6	12	–	–
	Wittering	070	10	16	c/r	08·9	-04	62	61	6	–	–	7	7	05	–	–
4	Watnall	040	11	12	rr	10·3	+01	57	57	6	2	–	8	8	12	6	04
	Little Rissington	–	0	80	r/r.	08·6	+07	57	45	8	–	–	7	7	45	5	20
	Ross-on-Wye	090	10	81	t	08·4	+01	65	58	3	6	3	7	6	25	–	–
	Shawbury	050	11	32	lr.	09·7	+02	59	56	7	–	–	8	8	25	5	12
5	Bristol	130	01	82	c/pr	07·1	-06	69	58	9	6	3	6	4	18	–	–
	Exeter	160	13	80	c/pr	06·9	+00	65	59	2	–	–	7	7	10	–	–
	Portland Bill	180	05	72	c	08·1	+02	63	59	5	3	–	7	3	80	4	20
	Plymouth	200	08	81	c	06·6	+05	65	61	2	6	1	6	5	20	–	–
	Chivenor	100	10	82	c/pr	06·5	+08	65	59	3	9	3	7	5	18	1	08
	St. Eval	230	09	80	pr.	06·2	+13	63	61	9	7	–	7	4	30	3	10
	Lizard	280	04	81	jp	06·5	+08	67	61	–	–	–	6	6	20	–	–
	Scilly, St. Mary's	280	16	82	c	05·8	+04	65	59	–	6	–	6	1	70	5	21
	Guernsey	260	10	48	2	08·3	+03	65	61	3	5	3	6	2	16	3	04
	Aberporth																
6	Pembroke	060	12	80	pr.	07·1	+02	62	59	8	7	–	7	5	21	4	18
7	Holyhead (Valley)	070	15	72	c	06·5	+03	65	62	2	–	–	6	6	25	–	–
8	Manchester	080	22	48	c	09·5	-07	61	55	7	–	–	7	7	30	3	15
		060	13	56	r/r.	10·8	+05	58	53	5	–	–	8	8	25	5	12
	Squires Gate	080	19	80	lr.	11·6	+04	58	51	5	7	–	8	6	25	2	10
9	Silloth	080	17	81	o	13·5	+01	60	48	5	7	–	8	5	20	–	–
10	Finningley	050	16	32	p/r.	11·4	+05	55	55	6	2	–	8	8	10	5	06
	Spurn Head	050	15	12	r/r.	11·3	+04	56	56	8	–	–	8	8	06	–	–
	Leeming	050	09	81	o	13·5	+01	55	49	5	–	–	8	8	12	–	–
	Tynemouth	050	16	80	o	14·7	+01	55	47	5	–	–	8	8	28	–	–
11	St. Abb's Head	050	09	81	bc	15·5	+13	52	46	5	–	–	5	5	25	–	–
	Leuchars	070	09	82	c	16·1	-02	55	47	5	–	–	7	7	35	3	15
12	Eskdalemuir	050	09	81	o	14·3	+00	55	48	5	–	–	8	8	18	–	–
	Prestwick	040	18	82	o	14·9	-01	58	45	5	7	–	8	5	30	–	–
	West Freugh	110	05	82	o	14·0	+02	60	50	5	7	–	8	5	35	1	20
	Ronaldsway	050	11	80	lr.	12·4	+06	57	53	6	2	–	8	8	25	4	14
13A	Tiree	020	14	84	bc	16·9	-02	55	43	5	–	2	5	4	40	–	–
13B	Benbecula	070	13	84	c/pr	17·9	-01	57	45	8	–	–	6	6	28	2	23
	Stornoway	060	17	83	c	18·4	+00	50	46	8	–	–	7	7	35	4	20
	Cape Wrath	050	02	83	bc	18·6	+04	53	45	8	–	1	4	3	20	–	–
14	Sule Skerry	070	05	82	jp	18·3	-02	52	50	5	–	–	8	8	10	–	–
15	Loch Rannoch																
	Dyce	020	12	82	c	16·3	-00	54	45	8	7	–	7	3	20	5	15
	Lossiemouth	030	06	81	c	17·4	+04	55	43	8	–	–	7	7	32	5	26
	Wick	030	10	82	c	17·7	-01	54	45	5	–	–	7	4	22	–	–
16	Lerwick	020	15	82	c	17·3	+04	53	45	5	–	–	7	7	18	–	–
17	Blacksod Point	100	24	81	c	15·0	+07	58	47	8	–	–	6	6	23	–	–
18	Malin Head	070	09	83	c	16·1	+02	56	48	1	3	–	6	2	83	3	31
	Aldergrove	020	10	80	o	14·4	+02	58	50	5	7	–	8	7	25	2	15
	Castle Archdale	050	09	81	c	14·1	+04	56	48	5	7	–	7	7	81	6	22
19	Birr Castle *	070	09	50	o	10·9	+05	56	52	6	2	–	8	5	25	–	–
	Collinstown *	050	17	72	d/r.	11·7	+06	55	52	6	–	–	8	6	08	–	–
	Rineanna *	020	10	80	lr.	12·2	+09	56	52	6	–	–	8	7	12	1	09
20	Valentia *	360	16	80	o	12·4	+09	56	52	6	–	–	8	6	09	–	–
	Midleton *	360	16	64	c	09·2	+08	61	56	6	–	–	7	7	15	–	–

*Rainfall read at 1800.

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

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt 0-8 (31)	Cloud Lowest layer Ht. (32)	21h State of ground (33)
Kew	080	02	46	t	07·9	+04	68	56	7	9	–	7	6	18	2	21	1
London Airport																	
Lympne	040	04	24	c	07·8	-01	66	58	–	6	–	7	5	30	–	–	2
Tangmere	150	06	82	bc	09·0	+08	64	59	2	6	–	5	1	25	–	–	0
Calshot	200	11	81	bc	08·4	+01	66	59	2	3	1	–	3	25	–	–	0
	230	06	82	bc	08·4	+02	67	57	3	4	–	3	2	15	–	–	0
Boscombe Down	160	10	81	bc	08·0	+02	67	56	9	6	3	4	1	–	3	25	0
Felixtowe	070	06	81	c	08·6	-03	65	60	9	6	3	6	4	30	–	–	1
Gorleston	110	10	36	c	09·2	+00	63	60	6	7	–	7	5	15	–	–	0
West Raynham	030	12	12	lr.	08·8	+01	59	58	7	–	–	8	8	08	6	05	1
Mildenhall	050	03	82	c	08·5	-04	63	58	–	–	3	7	6	50	4	10	1
Cranfield	050	13	64	c	08·8	+00	67	56	9	7	3	7	5	81	1	20	0
Elmdon	050	15	16	o	09·3	-01	57	56	7	–	–	8	8	03	–	–	1
Wittering	050	15	24	o/r	09·6	+04	58	57	6	–	–	8	8	02	–	–	1
Watnall	060	11	09	d.d.	11·1	+05	53	53	6	2	–	8	8	10	6	05	2
Little Rissington	360	13	48	t/r.	07·0	-03	60	58	1	–	3	8	6	15	3	08	1
Ross-on-Wye	070	05	50	r/t/Hr	08·6	+06	61	59	9	–	3	8	7	20	–	–	1
Shawbury	050	20	64	o	10·1	+04	58	53	5	–	–	8	8	15	–	–	1
Bristol	050	04	56	pr	07·7	+07	62	59	9	6	3	7	6	15	2	06	1
Exeter	160	08	80	bc	06·9	-01	68	56	3	4	–	5	4	10	–	–	1
Portland Bill																	0
Plymouth	200	08	80	c	07·0	-01	65	60	3	6	–	7	7	83	4	15	1
Chivenor	090	05	82	pr.	06·9	+01	66	63	3	6	–	7	7	18	2	12	1
St. Eval	–	0	24	RR	06·7	+03	60	58	7	2	–	8	8	12	7	05	2
Lizard	250	08	64	c/pr	06·5	-01	62	59	9	–	–	7	7	20	–	–	1
Scilly, St. Mary's	290	05	81	bc	05·2	-03	67	60	8	–	–	4	4	20	–	–	1
Guernsey	240	06	81	c	09·2	+04	62	59	2	7	–	7	1	12	–	–	1
Aberporth																	
Pembroke	060	15	72	o	07·6	+09	62	58	6	–	–	8	8	–	2	35	0
Holyhead (Valley)	030	15	72	c	06·9	+06	63	58	2	–	–	6	6	25	–	–	1
Manchester	060	17	44	id.	09·9	+02	57	53	6	–	–	8	8	30	6	09	1
	070	10	81	o	10·8	-01	54	52	6	7	–	8	6	30	2	12	1
Squires Gate	070	10	80	c	11·7	-01	59	51	5	7	–	6	4	25	1	14	1
Silloth	060	20	81	o	13·3	-01	57	47	5	–	–	8	8	35	1	20	0
Finningley	020	13	36	r/r.	11·6	+00	53	52	6	2	–	8	8	18	5	09	2
Spurn Head	050	15	32	lr.	11·3	-01	55	53	8	–	–	8	8	07	–	–	2
Leeming	020	09	81	o	13·2	+01	55	48	6	–	–	8	8	18	4	15	2
Tynemouth	050	16	80	c	14·3	-02	55	46	5	–	–	7	7	28	–	–	0
St. Abb's Head	050	05	80	c	15·0	-03	64	46	5	–	–	7	7	30	–	–	0
Leuchars	060	09	82	o	15·7	-01	55	45	5	–	–	8	8	35	3	18	1
Eskdalemuir	030	14	82	o	14·1	-00	54	49	5	–	–	8	8	14	–	–	0
Prestwick	060	18	82	c	14·4	-01	61	42	6	3	1	7	5	83	4	35	0
West Freugh	090	13	82	o	13·7	+00	59	48	5	7	–	8	5	35	2	20	1
Ronaldsway	020	14	81	o/r	12·0	-03	58	52	5	7	–	8	7	40	1	20	1
Tiree	360	16	84	b	15·7	-08	57	48	1	–	5	1	1	25	–	–	0
Benbecula	070	09	85	c	16·6	-07	57	44	5	–	–	6	6	31	–	–	0
Stornoway	050	09	82	bc	17·3	-07	55	49	8	–	1	5	4	50	1	30	0
Cape Wrath	050	02	83	bc	17·9	-04	51	45	5	–	–	5	5	25	–	–	1
Sule Skerry	050	05	82	o	18·0	+00	54	48	5	–	–	8	8	15	–	–	.
Loch Rannoch																	
Dyce	010	10	82	o/d	15·9	-02	53	43	8	–	–	8	8	30	3	18	0
Lossiemouth	060	05	82	o	16·9	-02	55	45	8	–	–	6	6	35	5	22	0
Wick	040	10	83	o	17·3	-03	53	45	5	–	–	8	8	25	–	–	0
Lerwick	010	22	80	c	16·6	-04	52	44	5	–	–	7	7	16	–	–	1
Blacksod Point	010	24	81	bc	15·3	+03	57	47	8	–	–	5	5	27	–	–	1
Malin Head	090	09	83	c	15·6	-02	55	47	5	–	–	7	7	31	–	–	0
Aldergrove	030	09	81	o	14·2	-02	57	48	5	7	–	8	8	80	5	25	1
Castle Archdale	050	16	84	o	14·0	+01	56	48	5	–	–	8	8	45	4	25	0
Birr Castle *	020	09	50	o	14·8	+04	57	52	6	2	–	8	5	25	–	–	1
Collinstown *	040	15	72	o	12·3	+04	56	51	5	2	–	8	5	70	1	08	0
Rineanna *	040	09	80	id.	12·7	+05	58	53	5	–	–	8	7	17	1	10	1
Valentia *	020	15	80	c	12·8	+03	58	52	6	1	–	7	5	14	–	–	1
Midleton *	010	13	64	c	10·6	+10	58	53	6	–	–	7	7	10	–	–	1

OBSERVATIONS during DAY (16th)

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	ccm.wcm.ctlcm.	72	5·4	17
London Airport				
Lympne	cm.pr.tlyTlru2.pRm.	73	*	16
Tangmere	cbcbw	72	9·0	-
Calshot	ccbc	72	10·5	-
	bccpr.c	73	9·4	0·2
Boscombe Down	cbcbcycybc	74	7·5	-
Felixtowe	cr.r.m.cm.cir.m.c	68	*	0·1
Gorleston	cm.opr.m.cm.cof	67	4·7	TR
West Raynham	crrtlr.r.lr.m.	65	0·2	5
Mildenhall	cm.cctlrcprm.ccm.	72	2·6	4
Cranfield	cctlr.ctcz.ctm.	71	4·0	1
Elmdon	cm.cotlrorrmom.	65	*	6
Wittering	om.ctlrm.of.od.d.m.	65	0·2	12
Watnall	crmcdm cm.	57	0·0	8
Little Rissington	ctlrrm.	69	4·1	28
Ross-on-Wye	cpctbcctlr.c	71	3·3	1
Shawbury	clr.d.irc	63	0·0	0·6
Bristol	cctcpRc	70	2·8	16
Exeter	cpr.m.cbcb	69	4·4	28
Portland Bill		65	*	03
Plymouth	cpr.bccpr.cir.	69	7·3	2
Chivenor	ccpRtlcpr	69	5·7	11
St. Eval	bccpr.cRRm.cpRtlcm.	65	0·9	32
Lizard	cpr	70	8·7	5
Scilly, St. Mary's	cbc	69	12·1	-
Guernsey		66	7·4	1
Aberporth				
Pembroke	cpr.c	67	4·7	0·2
Holyhead (Valley)	bcbccpr	70	6·9	11
Manchester	cir.cid.m.cm.	61	0·5	0·3
	cr.r.cir.	59	0·0	3
Squires Gate	cirorr.lr.	60	0·1	TR
Silloth	c	61	-	-
Finningley	crrcr.m.cir.m.	56	0·0	5
Spurn Head	om.r.r.om.ir.om.	57	0·0	3
Leeming	cid.ccm.c	55	0·0	19
Tynemouth	opr.c	55	*	TR
St. Abb's Head	cbcc	55	*	-
Leuchars	c	56	0·6	-
Eskdalemuir	c	57	0·2	-
Prestwick	coybc	61	2·7	-
West Freugh	c	62	*	-
Ronaldsway	r.d.cir.ccir.	58	0·0	0·5
Tiree	cbcbvy	59	12·7	-
Benbecula	cyppr.	59	1·5	TR
Stornoway	cr.bcc	58	5·7	-
Cape Wrath	prc	53	*	TR
Sule Skerry		55	*	.
Loch Rannoch				
Dyce	cpr.cid.cir.c	51	1·9	TR
Lossiemouth	cid.	56	0·8	-
Wick	cidc	58	2·1	TR
Lerwick	cid.bbcc	55	1·6	TR
Blacksod Point	cbc	59	2·3	-
Malin Head	cc	57	-	-
Aldergrove	c	60	0·1	-
Castle Archdale	cir.c	58	0·0	0·1
Birr Castle *	dc	57	0·0	0·1
Collinstown *	rc	56	0·0	0·5
Rineanna *	rd	60	0·0	0·1
Valentia *	cr	59	0·0	0·2
Midleton *	rc	64	0·0	3

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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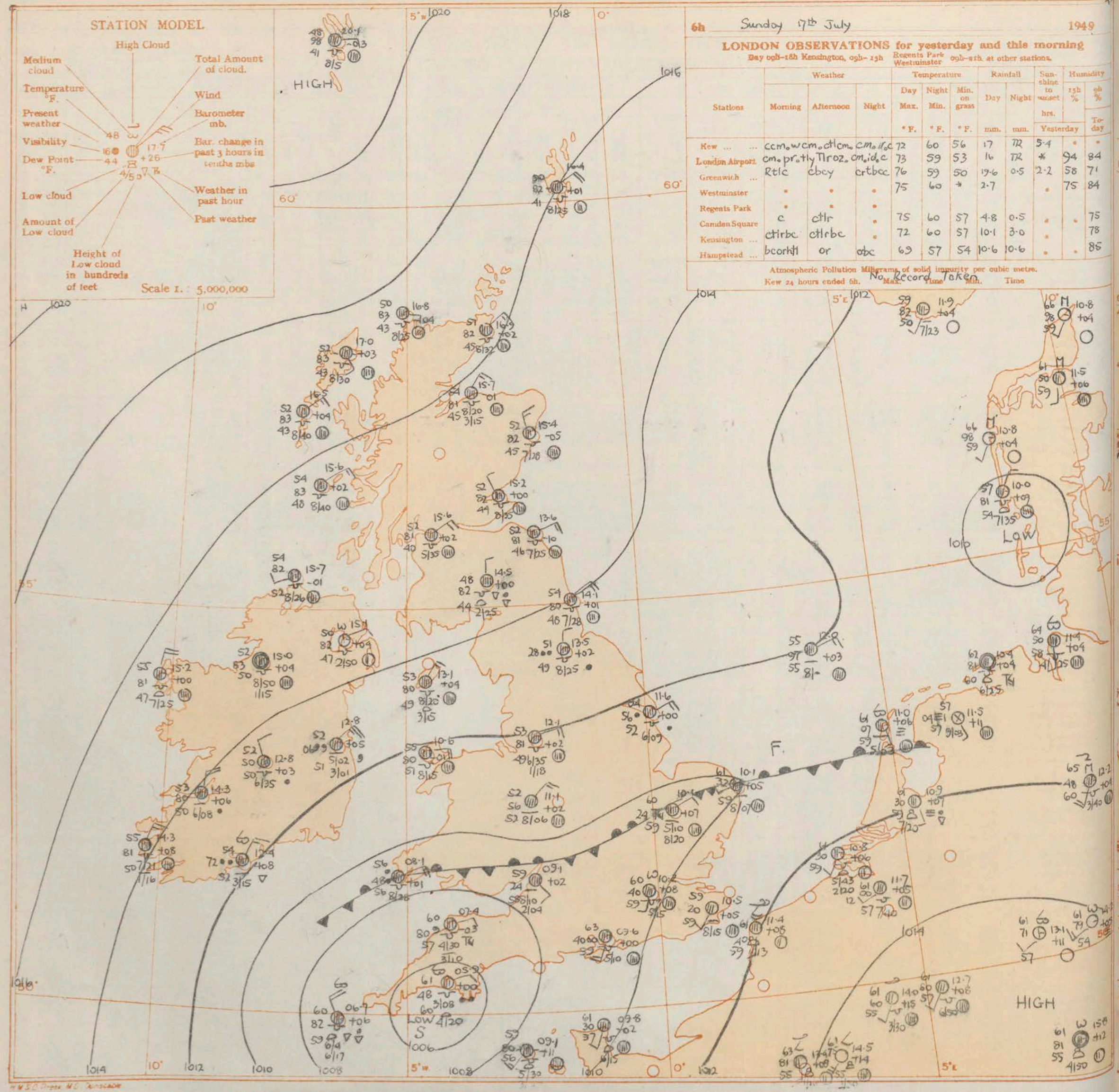

STATION MODEL
High Cloud
Medium cloud
Temperature °F.
Present weather
Visibility
Dew Point °F.
Low cloud
Amount of Low cloud
Height of Low cloud in hundreds of feet
Total Amount of cloud.
Wind
Barometer mb.
Bar. change in past 3 hours in tenths mbs
Weather in past hour
Past weather
Scale 1. : 5,000,000
6h Sunday 17th July 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–18h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min. °F., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 15h % | 09h % To-day
Kew ... ... | ccm.w | cm.ctlcm. | cm.ir.c | 72 | 60 | 56 | 17 | TR | 5·4 | * | *
London Airport | cm.pr.tly | Tlroz. | cm.id.c | 73 | 59 | 53 | 16 | TR | * | 94 | 84
Greenwich ... | Rtlc | cbcy | crtbcc | 76 | 59 | 50 | 19·6 | 0·5 | 2·2 | 58 | 71
Westminster | * | * | * | 75 | 60 | * | 2·7 | | * | 75 | 84
Regents Park | * | * | * | | | | | | | | |
Camden Square | c | ctlr | * | 75 | 60 | 57 | 4·8 | 0·5 | * | * | 75
Kensington ... | ctlrbc | ctlrbc | * | 72 | 60 | 57 | 10·1 | 3·0 | * | | 78
Hampstead ... | bcorhtl | or | obc | 69 | 57 | 54 | 10·6 | 10·6 | * | * | 85
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. Time Min. Time
No Record Taken
HIGH
LOW
LOW
S
F.
HIGH

GENERAL INFERENCE

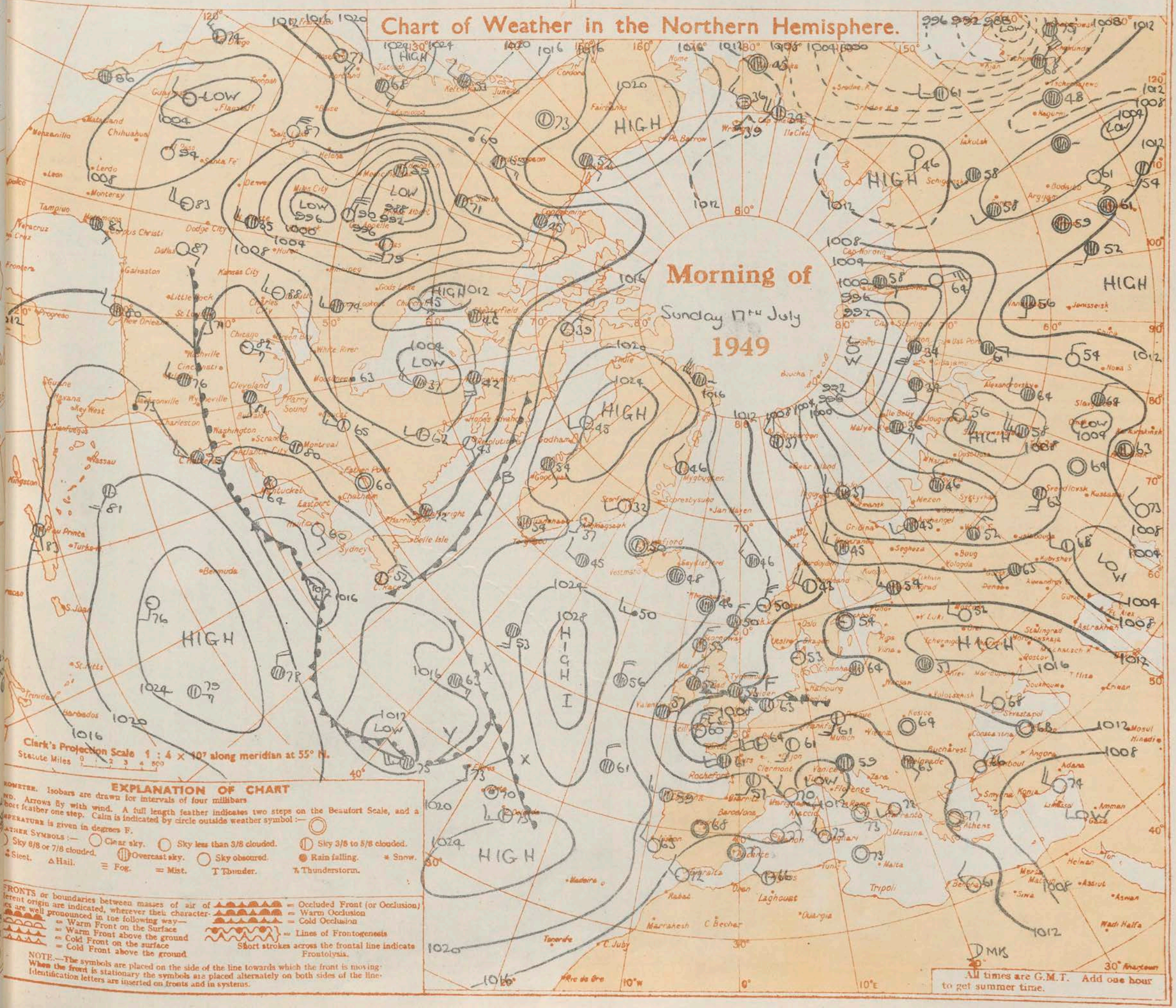
A depression over Southwest England is filling up slowly and drifting eastwards.

The weather will be mainly cloudy in all districts and in Southern England, East Anglia and Southern districts of the Midlands there will be outbreaks of thundery rain and thunderstorms. Elsewhere rainfall will be mainly slight and local.

It will be rather close in the South and rather cool elsewhere.

FURTHER OUTLOOK

Rather cool and cloudy.
Some rain likely in the Southeast



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 17th July 1949
No. 32014

OBSERVATIONS at 00hr G.M.T. 17th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	60	•	•	•	•	•	•	•	•	
	London Airport	82	–	0	11	0	09·6	+06	59	58	6	–	–	8	8	17	–	–
1	Lympne ...	341	–	0	56	bc	10·0	+03	58	58	–	3	–	4	4	–	–	–
	Tangmere ...	53	210	01	16	bc	09·8	+07	56	56	6	4	–	5	2	30	3	07
	Calshot ...	8	230	02	56	bc	09·7	+05	61	58	5	–	–	4	4	10	–	–
	Boscombe Down	414	–	0	80	bc	09·7	+09	57	55	5	–	–	5	5	40	–	–
2	Felixtowe ...	10	–	0	07	b	09·3	-01	59	57	5	–	–	2	2	30	–	–
	Gorleston ...	5	130	04	03	if	09·9	+03	60	59	–	–	–	9	9	0	–	–
	West Raynham	250	040	12	03	dodo	09·6	+00	58	58	6	–	–	8	8	01	–	–
	Mildenhall ...	15	–	0	16	0	09·5	+03	62	60	7	–	–	8	8	07	–	–
3	Cranfield ...	340	360	08	04	rofo	09·7	+00	57	57	7	–	–	8	8	01	–	–
	Elmdon ...	328	030	14	14	0	11·0	+02	54	53	6	–	–	8	8	03	–	–
	Wittering ...	236	030	14	17	dodo	10·3	+04	55	55	6	–	–	8	8	02	–	–
	Watnall ...	366	360	12	20	dodo	11·8	-02	51	50	6	–	–	8	8	05	–	–
4	Little Rissington	740	070	09	24	0	09·8	+04	55	54	6	–	–	8	8	03	0	02
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	030	05	48	0	11·7	+01	54	50	7	–	–	8	8	10	–	–
5	Bristol ...	209	–	0	64	0	09·3	+07	57	55	6	–	–	8	8	13	–	–
	Exeter ...	100	160	05	64	c	08·3	+03	60	58	2	7	–	7	2	15	–	–
	Portland Bill	32																
	Plymouth ...	90	–	0	48	bc/r	07·8	-05	61	60	2	1	–	5	5	76	2	20
	Chivenor ...	20	090	04	84	bc	09·9	+03	58	56	5	–	–	5	5	20	–	–
	St. Eval ...	336	–	0	08	rr	07·2	+01	59	57	6	2	–	8	8	80	5	07
	Lizard ...	240	150	03	64	e	06·2	-02	60	58	3	–	–	4	4	20	–	–
	Scilly, St. Mary's	163	010	12	82	e	06·2	+08	60	58	8	–	–	3	3	20	–	–
	Guernsey ...	340	200	07	56	c	09·9	-03	59	57	8	–	–	7	6	15	4	12
	Aberporth ...	375	050	09	56	pfo	09·2	+03	57	54	8	7	–	7	6	35	4	12
6	Pembroke ...	142	060	10	80	0	08·3	+11	60	57	–	7	–	8	8	68	–	–
7	Holyhead (Valley)	32	070	14	40	0	10·9	+00	56	53	5	–	–	8	8	15	–	–
8	Manchester ...	230	060	10	64	c	12·2	+01	52	49	–	7	–	7	7	–	–	–
	Squires Gate...	33	070	10	32	0	13·2	+08	53	49	6	7	–	8	5	26	–	–
	Silloth ...	25	070	13	81	c	13·9	+00	52	46	5	–	–	7	7	25	–	–
9	Finningley ...	52	020	09	48	0	12·7	-02	51	50	6	2	–	8	8	20	0	10
10	Spurn Head ...	29	050	15	40	0	12·1	+01	53	53	5	–	–	8	8	10	–	–
	Leeming ...	105	360	04	32	0	13·8	+02	52	48	5	–	–	8	8	28	–	–
	Tynemouth ...	108	050	12	80	c	14·5	-01	55	47	5	–	–	7	7	28	–	–
11	St. Abb's Head	280	050	13	81	c	15·2	-04	52	44	5	–	–	7	7	25	–	–
	Leuchars ...	36	330	07	81	0	15·8	-04	52	43	5	–	–	8	8	28	3	18
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	060	07	81	c	15·4	+01	53	45	5	–	–	7	7	36	–	–
	West Freugh...	52	050	07	82	c	14·5	+01	52	46	5	–	–	7	6	30	1	20
	Ronaldsway ...	55	040	10	81	0/r	13·0	+00	55	49	5	–	–	8	8	16	–	–
13A	Tiree ...	29	360	10	83	c	15·7	+01	55	50	5	–	–	6	6	50	–	–
13B	Benbecula ...	16	030	09	83	c	16·7	-01	53	44	8	–	–	7	7	38	1	20
	Stornoway ...	10	050	14	82	c	17·3	-04	53	43	5	–	–	7	7	30	–	–
	Cape Wrath ...	367	050	12	83	c	18·2	+06	50	41	8	–	–	7	7	25	–	–
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	330	08	81	0	15·7	-04	51	44	5	–	–	8	8	30	3	20
	Lossiemouth...	21	040	08	81	0	16·6	-04	54	51	5	–	–	8	8	28	–	–
	Wick ...	119	360	06	82	0/d	17·5	+02	51	47	5	–	–	8	8	31	–	–
16	Lerwick ...	269	020	10	82	0	16·9	-01	50	43	5	–	–	8	8	25	–	–
17	Blacksod Point	18	010	16	81	0	16·0	+03	56	48	8	–	–	8	8	27	–	–
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	030	17	80	0	14·9	+03	52	47	5	7	–	7	5	18	–	–
	Castle Archdale	225	070	05	82	0	15·0	+02	53	48	5	–	–	8	8	35	–	–
19	Birr Castle ... •	187	020	05	50	0	12·6	+03	55	51	6	–	–	8	8	30	–	–
	Colbinstown ... •	226	050	11	64	1fo	12·9	+01	54	51	6	–	–	8	2	09	–	–
	Rmeanna ... •	10	360	10	80	0	14·0	+05	55	51	5	–	–	8	8	25	–	–
20	Valentia ... •	30	020	10	81	0	14·0	+07	57	51	6	–	–	8	7	16	–	–
	Midleton ... •	30	020	09	80	pfo	11·8	+00	55	52	8	–	–	7	5	24	–	–

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 17th July

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)
Kew ...	—	0	30	c	10·1	+04	61	58	5	–	–	7	7	38	3	35	1
London Airport	180	05	40	c	10·2	+08	60	59	5	3	–	7	5	15	–	–	1
Lympne ...	230	03	20	c	10·5	+05	59	59	6	2	–	7	5	15	–	–	0
Tangmere ...	—	0	32	bc	10·2	+04	60	60	2	–	2	5	3	20	–	–	0
Calshot ...	180	07	40	2	09·6	00	63	59	5	7	–	8	8	–	5	10	1
Boscombe Down	110	05	24	c	09·7	+01	59	58	6	3	–	7	6	–	4	04	2
Felixtowe ...	260	01	14	0	09·9	+06	61	59	6	4	–	8	7	10	–	–	0
Gorleston ...	250	01	32	0	10·1	+05	61	59	6	–	–	8	8	07	–	–	0
West Raynham	030	10	09	0/d	09·7	+02	58	57	6	–	–	8	8	03	–	–	1
Mildenhall ...	070	01	24	0	10·1	+07	60	59	6	–	–	8	8	20	5	10	1
Cranfield ...	010	07	02	id	09·5	+02	56	56	6	–	–	8	8	01	–	–	1
Elmdon ...	030	08	56	0	11·1	+02	52	52	6	–	–	8	8	00	–	–	1
Wittering ...	050	10	05	dodo	10·4	00	54	54	6	–	–	8	8	01	–	–	1
Watnall ...	030	12	14	dodo	11·9	-01	50	50	6	–	–	8	8	05	–	–	2
Little Rissington	070	09	X7	f	10·0	+02	54	54	–	–	–	9	9	–	–	–	1
Ross-on-Wye	050	08	24	0	10·4	-04	54	53	6	–	–	8	8	08	–	–	1
Shawbury ...	010	03	40	rofo	11·6	+02	53	51	5	2	–	8	8	–	6	25	1
Bristol ...	130	03	24	0	09·1	+02	59	58	6	–	–	8	8	10	2	04	1
Exeter ...	160	10	32	c/r	09·5	-01	60	58	6	7	–	7	7	08	–	–	2
Portland Bill																	2
Plymouth ...	080	03	48	c/r	09·9	00	61	60	8	7	–	7	4	20	3	08	1
Chivenor ...	050	06	80	rdo	07·4	-03	60	57	5	–	–	6	4	30	3	10	1
St. Eval ...	050	03	48	2	06·1	-01	58	57	8	3	–	7	3	–	2	10	1
Lizard ...	020	09	56	bc	05·6	+02	57	57	8	–	–	5	5	20	–	–	1
Scilly, St. Mary's	350	11	82	c/er	06·7	+06	60	59	8	7	–	7	1	70	6	17	1
Guernsey ...	190	09	80	c	09·1	+11	59	56	8	7	–	7	5	30	3	20	1
Aberporth ...	070	05	64	0	09·5	+04	55	54	6	7	–	8	6	30	4	03	1
Pembroke ...	050	14	48	rr	08·1	+01	56	56	5	–	–	8	8	28	–	–	2
Holyhead (Valley)	060	12	80	0	10·6	-01	55	51	5	–	–	8	8	15	–	–	1
Manchester ...	060	09	81	c	12·1	+02	53	49	5	7	–	7	6	35	1	18	0
Squires Gate...	070	10	48	rofo	13·1	+01	51	49	5	7	–	8	6	40	–	–	1
Silloth ...	060	15	81	0	14·1	+04	52	46	5	–	–	8	8	30	1	25	0
Finningley ...	360	11	44	0	12·4	+02	51	49	6	2	–	8	8	25	4	06	2
Spurn Head ...	050	15	56	ifo	11·6	00	54	52	8	–	–	8	8	09	–	–	2
Leeming ...	360	03	28	rofo	13·5	+02	51	49	5	–	–	8	8	25	–	–	42
Tynemouth ...	050	12	80	c	14·1	+01	54	48	5	–	–	7	7	28	–	–	0
St. Abb's Head	050	13	81	c	13·6	-10	52	46	5	–	–	7	7	25	–	–	0
Leuchars ...	330	04	82	0	15·2	00	52	44	5	–	–	8	8	35	–	–	1
Eskdalemuir...	360	04	82	0/pr	14·5	00	48	44	8	–	–	8	2	25	–	–	0
Prestwick ...	020	04	82	c	15·4	+05	52	43	5	3	3	7	6	35	2	25	0
West Freugh...	050	03	83	bc	15·2	+04	48	46	5	3	8	6	1	40	–	–	0
Ronaldsway ...	020	10	80	0	13·1	+04	53	49	8	–	–	8	8	20	3	15	0
Tiree ...	030	10	83	0	15·6	+02	54	48	5	–	–	8	8	40	–	–	0
Benbecula ...	030	10	83	0	16·5	+04	52	43	5	–	–	8	8	40	1	–	0
Stornoway ...	110	01	83	0	17·0	+03	52	43	5	–	–	8	8	30	1	–	0
Cape Wrath ...	090	05	83	0	16·8	-04	50	43	5	–	–	8	8	25	–	–	0
Sule Skerry ...	050	05	82	0	17·1	-03	52	44	5	–	–	8	8	15	–	–	0
Loch Rannoch																	
Dyce ...	350	10	82	c	15·4	+05	52	45	5	–	–	7	7	28	–	–	0
Lossiemouth...	030	08	81	0	15·7	-01	54	46	5	–	–	8	8	20	3	15	0
Wick ...	020	08	82	0	16·9	+02	51	45	5	–	–	8	8	32	–	–	0
Lerwick ...	020	15	82	0	16·4	+01	50	41	5	–	–	8	8	25	–	–	0
Blacksod Point	360	13	81	c	15·6	00	55	47	8	–	–	7	7	25	–	–	0
Malin Head ...	230	13	82	0	15·7	-01	54	52	5	–	–	8	8	26	–	–	0
Aldergrove ...	070	04	82	bc	15·1	+04	50	47	5	3	1	3	2	50	–	–	1
Castle Archdale	—	05	83	0	15·0	+04	52	50	5	–	–	8	8	50	1	15	1
Birr Castle ... •	310	05	50	0	12·8	+03	52	50	5	2	–	8	6	35	–	–	1
Colbinstown ... •	040	18	06	dodo	12·8	+05	52	51	6	–	–	8	5	02	3	01	1
Rmeanna ... •	360	11	80	0/r	14·3	+06	53	50	6	–	–	8	6	08	–	–	1
Valentia ... •	010	10	81	0	14·3	+08	55	50	5	–	–	8	7	21	1	16	1
Midleton ... •	010	09	72	rofo	12·4	+08	54	52	6	7	–	8	5	81	3	15	1

OBSERVATIONS Saturday NIGHT

Stations	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew ...	cmo cmoifoc	60	56	TR
London Airport	cmo cmoidoc	59	53	TR
Lympne ...	bwbcwc	57	53	–
Tangmere ...	cbcmorofocmo	54	50	0·6
Calshot ...	bccmocmorrcifo	60	56	3
Boscombe Down	bccidorr	56	47	9
Felixtowe ...	bcofodocmo	58	53	TR
Gorleston ...	cmofcmoomo	58	58	–
West Raynham	offdodocdodomo	58	57	0·4
Mildenhall ...	cmoc	60	59	TR
Cranfield ...	ctmorrmofddfmo	55	55	2
Elmdon ...	omofofoddmo	52	52	1
Wittering ...	ododomoofofomo	53	54	1
Watnall ...	cmoododomocmo	50	49	0·2
Little Rissington	cifomofom.	53	53	2
Ross-on-Wye	rofocor	54	•	3
Shawbury ...	ccirrodo	52	51	0·6
Bristol ...	corocpro	57	52	0·4
Exeter ...	cbcwcprmorrcir	58	55	40
Portland Bill	czomm	59	•	
Plymouth ...	cprocRRcifo			
Chivenor ...	cprocmocifo	59	58	11
St. Eval ...	cprbccrr	57	55	3
Lizard ...	cmocpromocrofo	55	54	4
Scilly, St. Mary's	cprlbcc	55	•	0·1
Guernsey ...	cbcpcir	59	•	1
Aberporth ...	cpro ocpfoc	58	58	–
Pembroke ...	ccirocrrmo.	54	54	1
Holyhead (Valley)	cmoccrrmo	55	•	7
Manchester ...	cifo	54	53	0·4
Squires Gate...	cmirorrrodomoc	51	49	0·7
Silloth ...	c	51	49	1
Finningley ...	crocdodoidomo	51	49	–
Spurn Head ...	bnipoifo	50	51	2
Leeming ...	ccmocfofo	52		1
Tynemouth ...	c	54	50	2
St. Abb's Head	ccido	53	52	–
Leuchars ...	c	48	•	–
Eskdalemuir...	ccproc	51	49	–
Prestwick ...	bccy.	47	45	TR
West Freugh...	cbc.	50	49	–
Ronaldsway ...	cifoc	46	38	–
Tiree ...	brc	52	52	TR
Benbecula ...	cyc	51	46	–
Stornoway ...	c	52	48	–
Cape Wrath ...	o	52	50	–
Sule Skerry ...		43	41	–
Loch Rannoch		48	45	–
Dyce ...		50	50	–
Lossiemouth...		51	48	–
Wick ...	cidoc	49	49	TR
Lerwick ...	c	50	47	–
Blacksod Point	c	54	44	–
Malin Head ...	c	53	•	–
Aldergrove ...	cbcc	45	40	–
Castle Archdale	c	52	51	–
Birr Castle ... •	cr	51	50	0·4
Colbinstown ... •	d	51	51	1
Rmeanna ... •	r	52	51	0·1
Valentia ... •	.c	55	54	TR
Midleton ... •	rpr	53	52	3

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 18th July 1949

No. 32015

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	200	11	72	c	10·3	-03	70	57	2	-	1	7	5	21	-	-
1	London Airport	210	14	81	pro	10·3	-01	68	60	2	7	-	7	6	20	-	-
	Lympne	190	11	64	c	11·5	+02	65	58	2	-	-	7	7	10	-	-
	Tangmere	190	16	64	c	10·5	+01	67	58	2	6	3	7	2	40	2	15
	Calshot	250	09	80	c	10·2	-15	66	57	2	7	-	6	1	27	-	-
2	Boscombe Down	160	07	46	pro	09·8	-02	63	59	9	-	-	7	7	08	-	-
	Felixtowe	170	12	80	c	11·1	+02	67	61	2	7	-	7	5	30	-	-
	Gorleston	130	10	36	c	11·0	+03	64	61	7	3	1	7	4	20	-	-
	West Raynham	010	14	20	o	11·6	+04	63	57	6	-	-	8	6	04	-	-
	Mildenhall	020	01	48	iro	10·5	00	64	62	9	-	-	7	7	26	5	10
3	Cranfield	020	05	16	roro	11·1	+03	60	58	6	-	-	8	8	05	-	-
	Elmdon	030	08	18	idro	12·1	+07	54	54	6	-	-	8	8	03	4	06
	Wittering	050	13	12	dodo	11·9	+03	56	56	6	-	-	8	8	03	-	-
	Watnall	030	11	24	o/r	12·8	+02	53	52	6	2	-	8	8	15	7	09
4	Little Rissington	070	08	16	roro	10·7	+01	57	56	6	-	-	8	8	02	-	-
	Ross-on-Wye	050	09	24	o	11·2	+05	58	56	6	-	-	8	8	08	-	-
5	Shawbury	030	11	16	dr	12·7	+02	54	52	7	2	-	8	8	12	6	02
	Bristol	050	07	40	c/pr	09·8	+06	63	60	3	6	-	7	6	14	2	09
	Exeter	180	05	64	o	08·7	+14	69	55	5	-	-	8	8	10	-	-
	Portland Bill																
	Plymouth	110	03	64	c	07·5	+10	65	60	5	6	-	7	6	15	-	-
	Chivenor	070	08	48	rr	08·9	+09	61	58	7	2	-	8	8	55	3	12
	St. Eval	010	15	80	c	08·3	+11	64	59	5	-	-	7	7	12	-	-
	Lizard	010	14	64	c	07·6	+17	66	59	9	-	-	7	7	15	-	-
	Scilly, St. Mary's	360	15	56	o/r	03·7	+18	62	62	8	-	-	8	8	15	-	-
	Guernsey	180	12	64	o/pr	09·2	-01	60	58	8	-	-	8	3	20	2	06
6	Aberporth	050	08	81	o	10·8	+06	58	56	5	7	-	8	8	-	5	28
7	Pembroke	050	08	72	c	10·5	+07	61	56	-	-	7	7	6	28	-	-
8	Holyhead (Valley)	050	16	56	c	12·3	+05	60	51	5	7	-	7	7	-	5	18
	Manchester	060	09	48	iro	13·0	+04	58	51	5	-	-	8	8	35	4	15
	Squires Gate	080	10	80	o	13·5	+03	61	51	5	7	-	8	6	20	2	16
9	Silloth	050	10	82	o	14·4	+05	58	45	5	-	-	8	8	35	1	25
10	Finningley	020	08	64	o	13·3	+01	56	51	5	-	-	8	8	20	4	12
	Spurn Head	030	15	64	o	12·7	+03	56	53	5	-	-	8	8	10	-	-
	Leeming	010	05	80	o	13·5	+01	57	46	5	-	-	8	8	25	3	20
	Tynemouth	080	10	80	c	14·3	+01	58	49	5	-	-	7	7	32	-	-
11	St. Abb's Head	050	13	80	c	14·5	+02	55	47	5	-	-	7	7	20	-	-
	Leuchars	060	13	82	o	15·6	+02	57	46	5	-	-	8	8	40	4	20
12	Eskdalemuir	360	08	82	o	14·5	+03	55	44	8	-	-	8	8	25	-	-
	Prestwick	050	11	83	o	15·7	+03	58	40	5	-	-	8	8	40	2	30
	West Freugh	030	07	82	c	15·2	-01	61	47	5	3	-	7	7	30	1	18
	Ronaldsway	050	12	82	o	14·0	+02	57	48	5	7	-	8	6	25	-	-
13A	Tiree	360	07	83	o	16·3	+02	57	47	8	-	-	8	8	45	1	30
13B	Benbecula	070	15	84	c	17·1	+0[illegible]	58	38	5	-	-	7	7	29	-	-
	Stornoway	050	06	83	c	17·4	+01	57	46	8	-	-	7	7	45	5	35
	Cape Wrath	090	02	83	c	17·7	+05	53	47	5	-	-	7	7	30	-	-
	Sule Skerry	090	05	82	o	17·7	00	57	49	5	-	-	8	8	20	-	-
14	Loch Rannoch																
15	Dyce	040	10	82	o	15·8	+02	56	43	5	-	-	8	8	35	3	25
	Lossiemouth	030	15	81	o	16·7	+05	57	44	5	-	-	8	8	35	3	20
16	Wick	030	13	83	c	17·4	+03	56	44	5	-	-	7	7	40	2	25
17	Lerwick	020	14	82	o	17·4	+03	53	44	5	-	-	8	8	21	-	-
18	Blacksod Point	340	13	81	c	17·3	+08	58	47	1	-	-	6	6	24	-	-
	Malin Head	330	01	82	c	16·0	+02	58	50	1	5	-	7	4	83	3	31
	Aldergrove	060	07	82	bc	15·6	+03	60	45	5	3	-	5	3	25	-	-
19	Castle Archdale	340	06	82	o	15·8	+02	58	47	8	-	-	8	8	45	5	20
	Birr Castle *	020	05	81	o	14·2	+02	61	50	4	2	-	8	6	35	-	-
	Collinstown *	030	15	81	c	14·5	+06	57	48	8	-	-	7	4	19	-	-
20	Rineanna *	020	13	82	o	15·7	+07	60	48	2	7	-	8	5	81	2	18
	Valentia *	360	08	81	o	16·4	+10	57	50	8	-	-	8	6	32	2	21
	Midleton *	360	03	80	o	14·2	+06	58	52	6	-	-	8	8	21	-	-

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

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21h State of ground (33)
Kew	360	06	30	cR	11·0	+06	60	56	5	2	-	8	6	21	-	-	1
London Airport	060	05	32	tlro	11·1	+09	59	58	9	-	-	8	8	20	2	10	2
Lympne	170	05	81	c	11·2	+00	63	57	8	3	3	6	5	60	1	20	1
Tangmere	180	09	81	bc	10·2	+00	66	56	2	6	3	5	2	30	2	20	0
Calshot	150	09	81	bc	10·2	+01	64	57	9	7	3	5	2	35	2	15	0
Boscombe Down	010	02	82	bc/pr	10·1	+00	61	59	9	-	3	5	5	20	-	-	2
Felixtowe	170	12	80	c	11·0	+02	67	62	9	-	-	7	5	24	-	-	0
Gorleston	340	06	56	tlro	11·2	+05	63	58	4	9	-	7	7	65	6	30	1
West Raynham	020	09	24	rlro	10·9	+00	58	56	6	-	-	8	8	08	7	04	1
Mildenhall	-	0	32	roro	11·2	+03	60	60	9	-	-	8	8	20	6	08	2
Cranfield	010	10	12	o	11·4	+02	57	57	7	-	-	8	8	02	-	-	2
Elmdon	040	10	40	o	12·2	-01	55	53	6	-	-	8	8	05	-	-	1
Wittering	050	12	13	dodo	12·0	+03	54	54	6	-	-	8	8	02	-	-	1
Watnall	030	08	40	o/r	12·8	+00	55	51	6	2	-	8	8	30	7	10	1
Little Rissington	070	11	24	roro	11·1	+02	57	56	6	-	-	8	8	03	-	-	1
Ross-on-Wye	050	06	12	2	11·7	+06	57	55	6	-	-	8	8	06	-	-	1
Shawbury	-	0	28	o	12·8	+01	57	53	5	-	-	8	8	16	-	-	1
Bristol	360	10	40	c/pr	10·4	+06	61	58	6	-	-	7	6	18	5	08	1
Exeter	050	12	82	c/pr	09·9	+06	64	54	8	6	-	7	6	25	5	18	1
Portland Bill																	
Plymouth	340	06	56	roro	10·1	+16	63	61	8	7	-	7	7	41	4	12	0
Chivenor	340	09	64	o	10·9	+12	63	58	8	7	2	8	5	18	-	-	1
St. Eval	350	15	80	c	11·7	+18	61	58	5	-	-	7	7	12	-	-	1
Lizard	010	15	72	c	11·1	+18	63	58	9	-	-	7	7	20	-	-	1
Scilly, St. Mary's	350	15	32	o	13·0	+16	61	58	5	-	-	8	8	12	-	-	1
Guernsey	260	14	48	c	09·8	+05	63	59	5	6	-	7	6	04	-	-	1
Aberporth	020	05	40	o	11·9	+04	59	54	5	-	-	8	8	45	4	14	0
Pembroke	360	15	80	o	12·2	+13	59	55	2	7	-	8	7	30	-	-	1
Holyhead (Valley)	020	12	64	c	13·3	+07	58	50	5	-	-	7	7	40	1	06	1
Manchester	050	06	40	o	12·7	-01	59	52	6	-	-	8	8	30	4	20	1
Squires Gate	350	10	48	o	13·6	+02	59	51	8	-	-	8	8	35	5	25	0
Silloth	060	11	82	o	14·3	+03	57	48	5	7	-	8	6	35	1	25	0
Finningley	050	04	80	o	13·0	-06	57	51	5	7	-	8	8	-	3	20	0
Spurn Head	050	12	64	o	13·2	+05	55	50	5	7	-	8	8	20	-	-	2
Leeming	050	02	64	o	13·8	+03	58	48	5	-	-	8	8	24	-	-	1
Tynemouth	360	10	80	c	14·3	-02	57	51	5	-	-	7	7	32	-	-	0
St. Abb's Head	050	13	81	c	14·9	+02	54	46	5	-	-	7	7	30	-	-	0
Leuchars	050	11	82	c	15·7	+01	56	46	5	-	-	7	7	35	1	20	0
Eskdalemuir	010	05	82	o	14·7	+01	54	46	8	-	-	8	8	28	-	-	0
Prestwick	290	08	81	o	15·4	-01	58	44	5	-	-	8	8	40	2	30	0
West Freugh	020	10	81	o	15·3	+00	60	45	5	-	-	8	7	35	2	25	0
Ronaldsway	350	05	82	o	14·3	+03	56	49	5	7	-	8	6	40	-	-	1
Tiree	360	10	83	o	16·4	+00	56	45	5	7	-	8	8	45	-	-	0
Benbecula	350	10	84	o	16·9	+01	56	45	8	3	-	8	7	40	1	33	0
Stornoway	050	12	83	o	17·2	+01	57	47	5	-	-	8	7	45	2	30	0
Cape Wrath	050	05	83	o	17·5	+00	52	43	5	-	-	8	8	25	-	-	0
Sule Skerry	090	05	82	c	17·5	-02	57	47	5	-	-	7	7	30	-	-	0
Loch Rannoch																	
Dyce	010	10	82	o	16·1	+03	55	44	5	-	-	8	8	35	3	28	0
Lossiemouth	070	10	81	o/d	16·8	+01	55	44	5	-	-	8	8	35	4	20	0
Wick	050	09	82	c	17·3	+00	54	42	5	-	-	7	7	35	-	-	0
Lerwick	010	15	81	o	16·4	-03	51	43	5	-	-	8	8	22	-	-	1
Blacksod Point	330	13	81	c	17·7	+04	58	47	8	-	-	6	6	28	-	-	0
Malin Head	360	02	82	bc	16·6	+01	57	46	1	-	-	4	4	36	-	-	0
Aldergrove	070	07	82	c	15·6	-01	57	44	8	-	-	7	7	40	3	25	0
Castle Archdale	340	09	83	o	16·0	+06	58	47	8	-	-	8	8	50	4	25	0
Birr Castle	360	05	81	o	14·8	+03	61	49	4	2	-	8	6	30	-	-	6
Collinstown	030	10	82	c	15·2	+06	58	45	8	3	2	7	2	50	1	25	1
Rineanna	320	12	82	c	16·2	+04	61	51	8	-	-	7	6	50	1	22	1
Valentia	340	10	81	c	17·8	+09	59	49	8	-	-	7	6	32	1	24	1
Midleton	360	08	80	c	15·6	+08	61	48	5	3	-	7	6	35	-	-	1

OBSERVATIONS during DAY 17th

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	ccirocHrocrorocmo	71	4·2	7
London Airport	CproHRmo	71	*	25
Lympne	ccprocbcbbccroro	68	8·4	5
Tangmere	cmocbccpro	72	6·7	-
Calshot	cprcbceprcbc	70	4·8	1
Boscombe Down	ciropRbc	68	0·1	12
Felixtowe	cmoctclocproc	69	6·1	0·1
Gorleston	omocmocctlrcpr	68	2·5	1
West Raynham	cdodoHroiroffom	63	0·5	3
Mildenhall	cHrrorom	68	0·0	19
Cranfield	cmoiroproHmidof	61	0·0	8
Elmdon	oidomoododomo	56	*	2
Wittering	ororododomoododof	56	0·0	3
Watnall	cmocroromoccmocroromo	55	0·0	0·3
Little Rissington	ofroroof	59	0·0	2
Ross-on-Wye	roorpomo	60	0·0	Tr
Shawbury	cdodorrroroido	57	0·0	4
Bristol	cprorrco	66	0·2	7
Exeter	cddmocproc	67	1·2	3
Portland Bill				
Plymouth	ccmoirocrorom oc	65	1·3	13
Chivenor	circrccir	64	0·0	13
St. Eval	occidomo	65	3·1	-
Lizard	cprc	66	6·0	Tr
Scilly, St. Mary's	cpiRiroc	65	2·3	8
Guernsey	ccprc2	64	6·7	0·2
Aberporth	cproccmo	60	0·0	0·1 TH
Pembroke	ciroc	63	0·1	7
Holyhead (Valley)	crrmoccirmo	62	0·6	0·1
Manchester	croc	61	0·0	Tr
Squires Gate	c	63	0·0	-
Silloth	c	61	*	-
Finningley	cmoiroc	58	0·0	1
Spurn Head	orbroodp	57	0·0	2
Leeming	crmoc	60	0·0	-
Tynemouth	c	58	·	-
St. Abb's Head	c	55	·	-
Leuchars	c	58	1·9	-
Eskdalemuir	ccproc	57	0·1	Tr
Prestwick	cyc	61	0·7	-
West Freugh	ccyc	62	·	-
Ronaldsway	ciroc	58	0·0	Tr
Tiree	c	58	0·2	-
Benbecula	ckcyc	61	1·9	-
Stornoway	ckcc	59	2·0	-
Cape Wrath	c	55	·	-
Sule Skerry	oc	58	·	-
Loch Rannoch				
Dyce	c	56	0·0	-
Lossiemouth	cidoc	58	0·0	-
Wick	c	57	0·3	-
Lerwick	c	53	0·0	-
Blacksod Point	c	61	5·4	Tr
Malin Head	c	61	·	-
Aldergrove	ccybcyoyc	62	6·7	-
Castle Archdale	c	60	0·0	-
Birr Castle	rc	62	0·6	1
Collinstown	prc	61	2·2	0·3
Rineanna	rc	63	0·0	Tr
Valentia	c	60	1·4	-
Midleton	rc	62	0·0	0·1

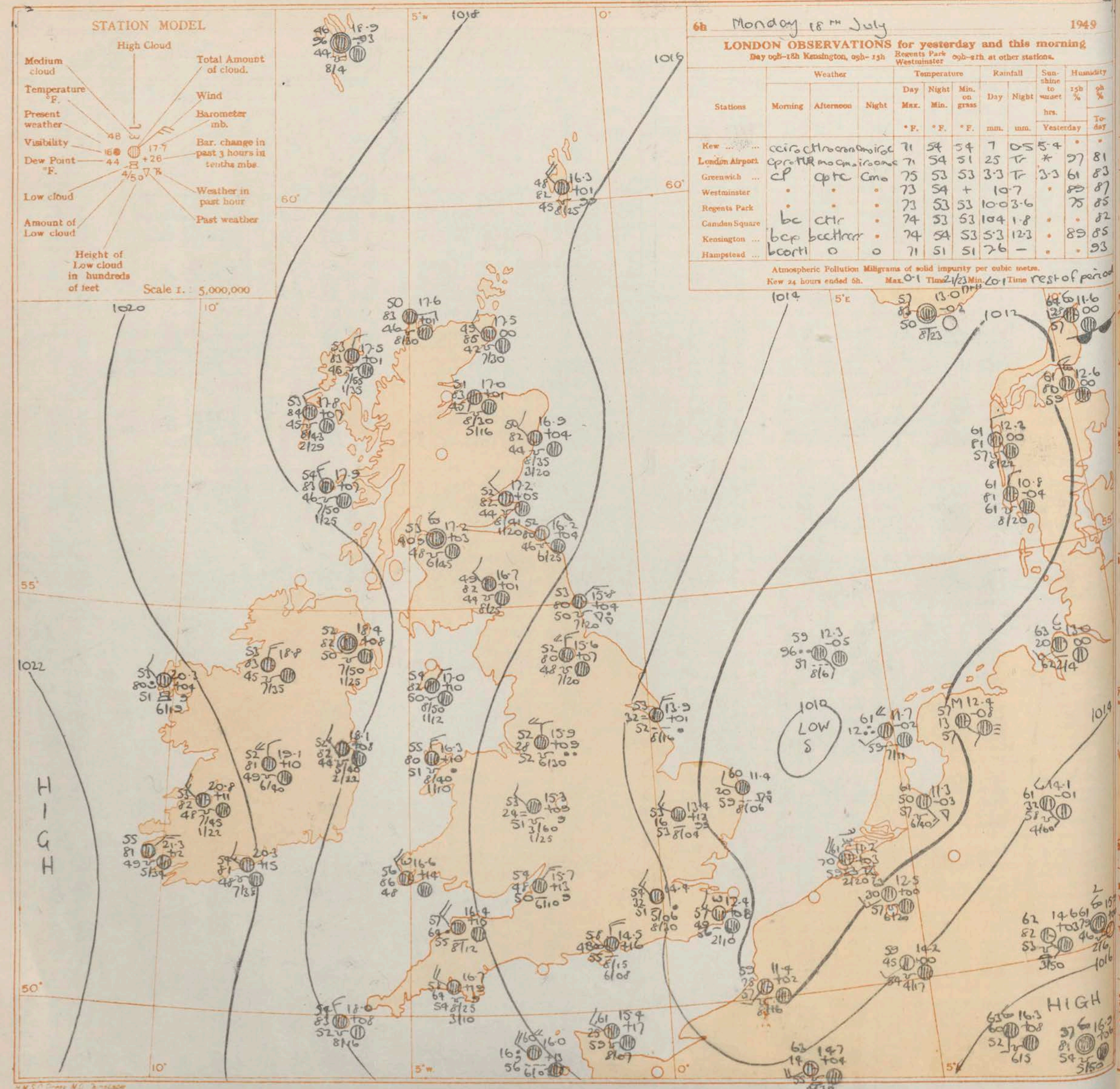
*Rainfall read at 1800.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

Cloud heights are in hundreds of feet

* Information not usually received.

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


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in tenths mbs.
Dew Point °F.
Weather in past hour
Low cloud
Past weather
Amount of Low cloud
Height of Low cloud in hundreds of feet
Scale 1. : 5,000,000
6h Monday 18th July 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–21h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 15h %, 9h % Today
Kew ... | ccirc | ctlrc | cnmoirc | 71 | 54 | 54 | 7 | 0.5 | 5.4 | • | •
London Airport | cprc | tlr | mocnmoirc | 71 | 54 | 51 | 25 | Tr | * | 77 | 81
Greenwich ... | cl | cptc | cmo | 75 | 53 | 53 | 3.3 | Tr | 3.3 | 61 | 83
Westminster | • | • | • | 73 | 54 | + | 10.7 | • | | 89 | 87
Regents Park | • | • | • | 73 | 53 | 53 | 10.0 | 3.6 | | 75 | 85
Camden Square | bc | ctlr | • | 74 | 53 | 53 | 10.4 | 1.8 | • | • | 82
Kensington ... | bcp | bcctlrcr | • | 74 | 54 | 53 | 5.3 | 12.3 | • | 89 | 85
Hampstead ... | bcortl | o | o | 71 | 51 | 51 | 7.6 | — | • | • | 93
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.1 Time 21/23 Min. 0.1 Time rest of period
HIGH
LOW
HIGH
1020
1022
1018
1016
1014
1012
1010
60°
55°
50°
10°
5°W
0°
5°E

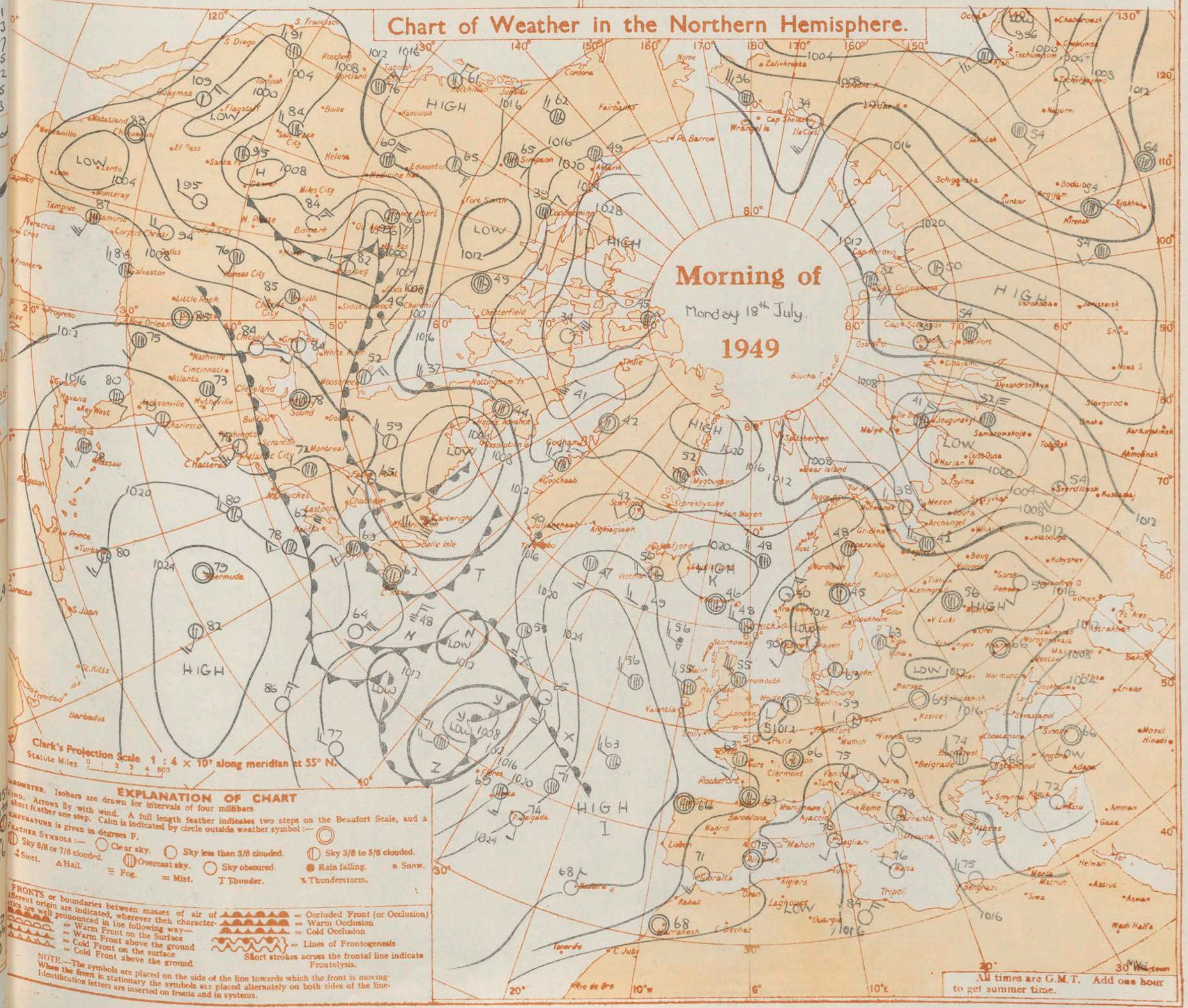
GENERAL INFERENCE

An anticyclone west of Ireland is moving East-southeast and a rather cool northerly airstream covers the British Isles. The weather will be mainly cloudy and dry, though some light rain may occur in east Anglia today.

FURTHER OUTLOOK

Outlook for the next 2 or 3 days.

Mainly cloudy and dry. Bright intervals in most places.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 18th July 1949

No. 32015

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

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew	18	*	*	*	*	*	*	57	*	*	*	*	*	*	*	*	
	London Airport	82	330	03	11	c	12.3	+09	57	57	5	-	-	7	7	51	-	-
1	Lympne	341	—	0	40	bc/d	11.7	+00	57	56	5	7	-	5	5	-	1	15
	Tangmere	53	050	07	64	c/d	11.5	+06	60	57	5		-	7	7	7	29	-
	Calshot	8	030	08	81	bc	12.1	+10	59	57	8	3	-	3	2	30	1	15
	Boscombe Down	414	340	06	80	0	12.8	-16	58	57	7	-	-	8	8	20	5	09
2	Felixtowe	10	320	02	80	bc	11.6	+02	57	54	-	7	-	4	4	08	-	-
	Gorleston	5	—	0	56	c	11.1	-02	55	57	5		-	6	6	25	-	-
	West Raynham	250	360	06	02	do/do	11.7	+01	57	56	6	-	-	8	8	01	-	-
	Mildenhall	15	350	01	24	0	12.1	+12	58	58	6	-	-	8	8	10	-	-
3	Cranfield	340	010	06	04	d/do	12.6	+02	53	53	6	-	-	8	8	03	-	-
	Elmdon	328	030	08	32	0/d	14.1	+10	52	50	6	-	-	8	8	20	2	08
	Wittering	236	030	10	06	d/d	13.6	+09	51	51	6	-	-	8	8	02	-	-
	Watnall	366	020	03	32	r/r	14.2	+08	51	50	6	2	-	8	8	29	4	08
4	Little Rissington	740	020	09	01	q/	13.5	+13	52	52	-	-	-	9	9	-	-	-
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury	235	—	0	08	0	14.6	+06	55	53	5	-	-	8	8	13	-	-
5	Bristol	209	020	08	16	d/o	13.6	+12	56	55	6	-	-	8	8	04	-	-
	Exeter	100	360	08	24	0	13.4	+13	59	57	5	-	-	8	8	22	-	-
	Portland Bill	32	360	09	81	c	12.5	—	61	57	5	7	-	6	3	80	2	20
	Plymouth	90	340	05	48	0	13.9	+13	60	58	6	-	-	8	8	56	4	12
	Chivenor	20	360	04	80	0	14.0	+12	59	56	5	-	-	8	8	20	-	-
	St. Eval	336	350	12	48	0	14.8	+10	58	56	5	-	-	8	8	09	-	-
	Lizard	240	010	09	56	0	14.1	+12	58	56	6	-	-	8	8	18	-	-
	Scilly, St. Mary's	153	350	12	82	0	16.3	+19	59	54	5	-	-	8	8	16	-	-
	Guernsey	340	290	08	40	0	13.5	+15	59	58	5	2	-	8	7	04	-	-
	Aberporth	375	330	08	64	0/r	14.7	+12	55	55	6	-	-	8	8	07	-	-
6	Pembroke	142	360	10	80	0	15.2	+09	56	52	5	-	-	8	8	31	-	-
7	Holyhead (Valley)	32	—	0	64	r/o	14.9	+06	55	52	5	-	-	8	8	31	-	-
8	Manchester	230	050	02	32	0	14.5	+08	55	47	5	-	-	8	8	39	-	-
	Squires Gate	33	050	02	16	0	14.7	+04	56	50	5	-	-	8	8	30	-	-
	Silloth	25	070	10	81	0	15.8	+07	53	47	5	-	-	8	8	30	-	-
9	Finningley	52	360	04	66	0	13.9	+02	54	50	5	7	-	8	4	39	-	-
10	Spurn Head	29	020	14	80	v/v	13.5	+00	53	50	7	-	-	8	8	05	-	-
	Leeming	105	360	12	32	0	14.8	+02	54	50	6	-	-	8	8	40	3	10
	Tynemouth	108	360	17	80	c	15.2	+01	55	50	5	-	-	7	7	24	-	-
11	St. Abb's Head	280	050	18	80	c	16.1	+03	54	41	5	-	-	7	7	25	-	-
	Leuchars	36	010	07	82	0	16.7	+04	53	45	5	-	-	8	8	32	2	20
12	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick	30	070	05	40	0	16.7	+07	55	47	5	-	-	8	8	42	1	30
	West Freugh	52	360	06	80	0	16.6	+06	54	50	5	-	-	8	7	50	3	25
	Ronaldsway	55	350	07	81	0/d	15.8	+07	54	51	5	-	-	8	8	26	-	-
13A	Tiree	29	340	07	83	0	17.1	+03	54	48	5	-	-	8	8	45	-	-
13B	Benbecula	16	360	05	82	c	17.4	+03	53	45	5	-	-	7	7	47	-	-
	Stornoway	10	350	07	82	0	17.6	+02	52	47	5	-	-	8	8	46	-	-
	Cape Wrath	367	090	05	83	c	17.5	+00	51	45	5	-	-	7	7	30	-	-
	Sule Skerry	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce	234	340	04	81	0	16.9	+03	51	42	5	-	-	8	8	25	-	-
	Lossiemouth	21	040	08	81	0	17.4	+04	53	42	5	-	-	8	8	30	1	20
	Wick	119	020	02	82	c	17.7	+00	50	41	5	2	1	7	6	41	-	-
16	Lerwick	269	340	08	82	0	16.7	+00	48	44	5	-	-	8	8	25	-	-
17	Blacksod Point	18	330	13	81	0	19.7	+12	55	50	8	-	-	8	8	21	-	-
18	Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	220	320	04	82	c	17.5	+09	52	48	5	-	-	7	7	53	4	30
	Castle Archdale	225	360	02	82	0	17.8	+07	52	44	5	-	-	8	8	35	1	25
19	Birr Castle *	187	360	05	81	0	17.2	+12	54	51	4	2	-	8	6	30	-	-
	Collinstown *	226	320	04	82	0	16.8	+08	53	47	5	7	-	8	6	40	-	-
	Rineanna *	10	350	10	82	c	18.8	+12	55	50	5	-	-	7	7	50	-	-
20	Valentia *	30	320	05	81	0/pr	19.9	+10	55	48	8	-	-	8	7	91	-	-
	Midleton *	30	340	05	81	c	18.1	+10	56	50	5	-	-	7	7	38	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 18th July

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt 0-8 (31)	Cloud Lowest layer Ht. (32)	9 h. State of ground (33)	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Temperature 21 h.-09 h. Min. on Grass °F. (40)	Rain mm. (41)
0	Kew	360	08	30	0	14.3	+16	54	51	7	-	-	8	8	21	5	18	1	cm.ir.cm.cc	54	54	
	London Airport	340	09	32	0	14.4	+17	54	51	6	-	-	8	8	30	5	06	1	cm.mir.om.c	54	51	TR
1	Lympne	330	07	40	c	12.4	+08	57	56	6	3	-	7	7	83	2	10	1	cr.r.crr bcc	56	55	0.3
	Tangmere	350	06	24	0	13.7	+17	57	55	6	-	-	8	8	10	-	-	0	cpr.id.cm.	55	52	TR
	Calshot	360	14	48	2	14.5	+16	58	55	6	-	-	8	8	15	6	08	0	bcccm.prcm.c	58	56	TR
	Boscombe Down	320	05	56	c	15.1	+16	54	52	6	-	-	7	7	30	4	05	1	bccpr.cod.c	53	52	TR
2	Felixtowe	320	08	64	0	12.4	+07	59	56	6	-	-	8	8	12	-	-	0	cbcm.ofc	56	53	-
	Gorleston	290	02	20	o/pr	11.4	xx	60	59	7	-	-	8	8	06	-	-	1	bm.om.opr.m.oid.m	58	58	TR
	West Raynham	360	13	09	d.d.	12.6	+10	53	53	6	-	-	8	8	02	-	-	2	cff d.d.cd.d.m.	53	52	0.5
	Mildenhall	330	07	16	o/d	13.4	+12	53	53	6	-	-	7	8	04	-	-	1	cm.od.d.m.cm.	52	51	TR
3	Cranfield	290	01	32	o/r	14.3	+12	51	50	6	-	-	8	8	20	7	10	1	oid.fmeir.m.cm.	50	50	0.3
	Elmdon	330	06	24	c	15.3	+09	53	51	5	-	-	7	3	60	5	40	1	od.d.m.id.m.cm.	51	49	TR
	Wittering	350	08	32	0	14.4	+10	53	51	5	-	-	8	8	30	5	06	1	od.d.fddm.cm.	50	50	1
	Watnall	360	09	24	0	15.0	+09	52	50	5	-	-	8	8	40	6	20	1	cr.r.id.m.	50	50	4
4	Little Rissington	020	09	64	0	15.5	+15	50	48	-	7	-	8	8	83	-	-	1	od.d.fr.r.c	50	49	54
	Ross-on-Wye	020	02	34	0	15.4	+10	54	52	6	-	-	8	8	08	-	-	1	omom.r	54	*	1
	Shawbury	360	02	20	0	16.0	+12	54	52	5	7	-	8	8	-	4	20	1	cd.cr.omc	54	53	1
5	Bristol	010	07	48	0	15.7	+13	54	50	6	-	-	8	6	10	-	-	1	od.c.o	53	52	TR
	Exeter	360	01	08	o/d	16.0	+17	57	55	7	-	-	8	8	15	-	-	1	cm.cd.d.c	56	56	0.3
	Portland Bill																	0	Co2oZ	58	*	.
	Plymouth	310	12	64	0	16.7	+19	58	54	5	-	-	8	8	25	3	10	0	cir.cm.cidm.cir.cbc	57	56	0.2
	Chivenor	310	15	64	ir.	16.4	+15	57	55	6	-	-	8	8	12	-	-	1	cr.r.c	56	55	0.2
	St. Eval	310	10	81	c	17.9	+16	57	51	5	3	-	7	6	-	6	12	1	cod.m.cir.c	57	54	TR
	Lizard	010	09	64	c	16.9	+16	56	52	6	3	-	6	4	98	-	-	0	c	50	.	-
	Scilly, St. Mary's	350	09	83	0	18.0	+08	54	52	5	-	-	8	8	16	-	-	1	c	53	.	-
	Guernsey	340	07	14	o/r	16.0	+13	60	59	5	7	-	8	7	10	5	02	1	cm.irc m.id	59	57	0.2
	Aberporth	330	08	80	0	16.2	+11	55	53	7	2	-	8	8	32	5	07	1	cm.oir.oc	54	53	1
6	Pembroke	340	12	80	c	16.6	+14	56	48	-	3	-	7	7	35	-	-	1	b	55	.*	-
7	Holyhead (Valley)	360	07	80	0	16.3	+10	55	51	5	-	-	8	8	40	1	10	1	cir.m.c	54	53	0.1
8	Manchester	360	03	28	o/r	15.9	+09	52	52	6	2	-	8	6	30	-	-	1	cir.	52	51	0.2
	Squires Gate	-	0	80	0	15.8	+08	53	50	5	-	-	8	5	14	1	09	1	crrm.c	52	51	1
	Silloth	010	07	81	c	16.8	+07	52	46	5	-	-	7	7	40	-	-	0	c	51	46	-
9	Finningley	360	09	28	0	14.8	+09	53	49	5	7	-	8	5	35	-	-	1	ccm.	52	51	-
10	Spurn Head	020	08	32	0	13.9	+01	53	52	7	-	-	8	8	16	-	-	2	oprom.pr	51	.	7
	Leeming	360	08	80	0	15.6	+07	52	48	5	2	-	8	8	-	7	20	1	cm.c	52	51	TR
	Tynemouth	020	10	80	c/pr	15.8	+09	53	50	5	-	-	7	7	20	-	-	1	ccprc	52		0.3
11	St. Abb's Head	050	13	80	c	16.2	+09	52	46	5	-	-	6	6	25	-	-	0	c	48	.	-
	Leuchars	350	02	82	0	17.2	+05	52	44	5	-	-	8	8	41	1	20	0	c	51	50	-
12	Eskdalemuir	340	04	82	0	16.7	+01	49	44	5	-	-	8	8	25	-	-	0	cbc	46	43	-
	Prestwick	090	03	82	0	17.6	+07	53	47	5	-	-	8	8	40	2	30	0	c	51	50	
	West Freugh	-	0	81	0	17.7	+08	53	51	5	7	-	8	7	45	2	25	0	c	52	49	-
	Ronaldsway	020	03	82	0	17.0	+10	54	50	5	-	-	8	8	50	1	12	0	cid.c	50	46	TR
13A	Tiree	330	09	83	c	17.9	+07	54	46	8	-	-	7	7	50	1	25	0	ccy	58	49	-
13B	Benbecula	340	06	84	0	17.8	+03	53	45	5	-	-	8	8	43	2	29	0	c	52	48	-
	Stornoway	360	06	83	c	17.5	+01	53	45	8	-	-	7	7	55	1	36	0	c	52	49	-
	Cape Wrath	090	02	83	0	17.6	+01	50	46	5	-	-	8	8	30	-	-	0	oc	49	49	-
	Sule Skerry	050	02	81	o/pr	17.5	+00	49	49	5	-	-	8	8	15	-	-	0		48	47	-
14	Loch Rannoch																					
15	Dyce	330	05	82	0	16.9	+04	50	44	5	-	-	8	8	35	3	20	0	c	49	48	-
	Lossiemouth	190	02	83	0	17.0	+01	51	45	5	-	-	8	8	30	5	16	0	cc	49	46	-
	Wick	330	02	85	0	17.5	+00	49	42	5	-	-	8	7	30	-	-	0	c	41	36	-
16	Lerwick	340	12	82	o/d	16.3	+01	48	45	6	-	-	8	8	25	-	-	0	cid.pr	53	45	-
17	Blacksod Point	300	02	80	jp	20.3	+09	53	51	-	-	-	6	6	19	-	-	0	c	52	41	TR
18	Malin Head	350	05	82	c	19.0	+08	55	47	5	-	-	7	7	21	-	-	0		53	*	-
	Aldergrove	-	0	82	c	18.4	+08	52	50	8	-	-	7	7	50	1	25	0	c	51	50	-
	Castle Archdale	360	08	83	c	18.8	+07	53	45	5	-	-	7	7	35	-	-	0	c	51	49	-
19	Birr Castle *	360	05	81	0	19.1	+10	52	49	5	2	-	8	6	40	-	-	1	c	51	48	-
	Collinstown *	320	07	82	c	18.1	+08	52	44	5	-	-	7	5	40	2	22	0	cc	51	51	-
	Rineanna *	340	09	82	c	20.8	+11	53	48	8	-	-	7	7	45	1	22	0	c	52	50	TR
20	Valentia *	020	07	81	0	21.3	+12	55	49	8	-	-	8	5	34	3	24	1	prc	54	52	TR
	Midleton *	350	10	81	c	20.3	+15	54	48	5	-	-	7	7	38	-	-	1	cc	53	52	-

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* Information not usually received.

Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 19th July 1949

No. 32016

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	310	09	46	c	16·5	+05	64	50	2	—	—	7	7	18	4	15
1	London Airport	330	10	64	c	16·7	+05	65	53	1	3	—	6	5	25	—	—
	Lympne	290	07	16	o	15·9	+20	58	54	6	—	—	8	8	17	3	09
	Tangmere	010	12	56	bc	16·2	+03	67	51	1	7	—	3	4	—	3	25
	Calshot	350	09	64	c	17·3	+08	67	51	5	7	—	7	5	—	5	15
2	Boscombe Down	310	07	64	o	17·8	+12	60	52	5	—	—	8	8	40	4	25
	Felixtowe	320	14	80	o	15·1	→ +14	60	54	5	—	—	8	8	15	3	11
	Gorleston	330	16	48	id	14·8	+11	58	55	7	2	—	8	6	06	—	—
	West Raynham	330	15	40	oid	14·8	*	56	52	6	—	—	8	8	10	6	05
	Mildenhall	330	07	40	o	16·3	+15	59	54	6	—	—	8	8	20	5	08
3	Cranfield	330	07	40	o	16·6	+07	59	51	6	—	—	8	8	20	4	07
	Elmdon	300	07	24	o	17·5	+10	57	51	5	—	—	8	8	50	4	22
	Wittering	360	11	48	o	17·1	+12	58	51	5	—	—	8	7	35	4	08
	Watnall	320	06	24	o	17·4	+11	57	50	5	2	—	8	8	80	6	10
4	Little Rissington	330	03	24	o	18·0	+15	55	50	6	—	—	8	8	46	5	12
	Ross-on-Wye	290	02	34	o	18·4	+15	55	54	—	2	—	8	7	08	—	—
5	Shawbury	310	05	48	o	18·2	+08	57	49	5	—	—	8	8	50	3	20
	Bristol	—	0	08	dd	18·3	+12	56	54	6	—	—	8	7	08	—	—
	Exeter	340	14	80	c	18·8	+12	62	53	5	—	—	7	7	25	4	15
	Portland Bill	340	05	48	o	18·9	+15	62	55	6	—	—	8	8	15	—	—
	Plymouth	310	08	82	c	20·7 → 19·7	+13	66 → 64	47	1	7	—	6	6	—	2	25
	Chivenor	330	18	81	b	19·6	+16	64	50	2	3	—	2	1	22	—	—
	St. Eval	330	09	82	c	20·7	+14	61	54	8	—	—	7	7	50	4	20
	Lizard	360	02	81	c/pr	20·7	+15	56	53	8	—	—	6	7	15	—	—
	Scilly, St. Mary's	300	13	82	c	21·0	+11	65	52	8	3	—	7	5	70	4	18
	Guernsey	340	16	80	o	19·6	+16	60	54	5	2	—	8	6	22	2	14
6	Aberporth	230	15	64	c	19·7	+16	59	54	8	—	—	7	7	30	3	18
7	Pembroke	330	15	82	o	20·0	+20	60	51	2	7	—	8	7	25	—	—
8	Holyhead (Valley)	320	11	81	o	18·9	+12	60	52	1	—	—	8	8	60	4	20
	Manchester	—	0	12	c	18·0	+06	58	49	6	—	—	7	7	35	3	18
	Squires Gate	300	12	82	c	18·2	+09	61	51	8	—	—	6	7	50	2	25
9	Silloth	—	0	82	o	18·3	+02	58	45	8	7	—	8	4	45	1	30
10	Finningley	360	10	48	o	17·2	+09	58	50	8	—	—	8	5	20	2	15
	Spurn Head	360	14	48	o	14·9	−01	56	52	8	—	—	8	8	13	—	—
	Leeming	340	09	82	c	17·6	+07	58	47	8	—	—	7	6 → 7	15 → 35	6	15
	Tynemouth	360	16	81	c	17·4	+10	57	49	5	—	—	7	7	24	—	—
11	St. Abb's Head	360	09	81	c	17·9	+08	54	44	5	—	—	7	7	30	—	—
	Leuchars	260	06	82	o	17·8	+01	57	46	8	—	—	8	8	40	5	18
12	Eskdalemuir	—	0	81	o/r	17·9	+04	53	47	8	—	—	8	8	22	—	—
	Prestwick	250	09	61	c	18·3	+03	59	47	8	—	1	6	6	50	1	25
	West Freugh	340	08	82	c	19·2	+07	61	48	8	3	—	6	6	80	4	25
	Ronaldsway	320	14	82	c	19·3	+11	58	49	5	—	—	7	7	60	1	16
13A	Tiree	340	07	84	c	19·4	+07	55 → 58	46	8	—	—	7	7	45	3	25
13B	Benbecula	290	10	84	c	19·1	+06	59	45	8	—	—	7	7	40	2	25
	Stornoway	050 → 060	03	80	roro	18·8	+06	53	49	8	—	—	7	5	20	—	—
	Cape Wrath	050	02	84	c	18·4	+07	53	47	8	—	—	6	6	30	—	—
14	Sule Skerry	350	02	82	c	18·3	+08	55	53	8	—	—	6	6	20	—	—
15	Loch Rannoch																
	Dyce	330	08	82	c	17·7	+02	56	42	5	—	—	7	7	35	4	25
	Lossiemouth	020	03	81	c	18·0	+02	55	40	5	—	—	7	7	70	2	30
	Wick	040	04	84	c	17·8	−01	56	42	5	7	—	7	6	30	—	—
16	Lerwick	350	02	81	pro	16·8	+02	49	47	8	—	—	7	7	18	3	12
17	Blacksod Point	320	05	81	c	22·3	+06	60	53	8	—	—	7	7	25	—	—
18	Malin Head	300	02	83	c	20·4	+07	58	48	2	3	—	6	2	83	4	31
	Aldergrove	330	10	82	c	20·0	+07	59	46	8	—	—	7	7	45	4	25
19	Castle Archdale	340	13	83	pro	20·9	+06	58	49	8	—	—	7	7	35	6	22
	Birr Castle	310	09	81	o	21·4	+10	58	52	4	2	—	8	6	35	—	—
	Collinstown *	340	12	82	c	20·3	+10	59	42	8	—	—	7	4	48	3	25
20	Rineanna *	310	11	83	o	22·7	+09	61	50	8	—	—	8	6	33	—	—
	Valentia *	330	10	81	bc	24·2	+13	60	51	3	6	3	4	2	27	—	—
	Midleton *	360	07	81	c	22·4	+08	61	49	8	—	—	7	5	35	3	25

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

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt. 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21h State of ground (33)
0	Kew	310	04	30	o	19·1	+6	61	50	7	—	—	8	8	25	3	15	1
1	London Airport	300	08	48	o/r	19·1	+12	60	52	5	—	—	8	8	38	—	—	1
	Lympne	360	04	56	o	18·1	+12	61	57	6	—	—	8	8	50	4	25	0
	Tangmere	360	10	32	o	18·5	+14	63	54	5	—	—	8	7	50	1	35	0
	Calshot	350	08	29	2	19·2	+12	62	54	5	—	—	8	8	50	4	18	0
2	Boscombe Down	300	08	40	o	19·4	+10	59	54	5	—	—	8	8	50	4	15	0
	Felixtowe	330	10	80	o	17·8	+16	59	51	8	7	—	8	1	18	—	—	0
	Gorleston	310	12	56	o	17·9	+15	58	51	3	9	—	8	8	65	6	18	0
	West Raynham	340	10	64	o	17·3	+07	56	49	6	—	—	8	7	40	3	06	0
	Mildenhall	—	0	80	c/pr	18·5	+12	57	52	8	—	—	7	7	30	4	12	1
3	Cranfield	280	01	32	o	18·5	+09	58	49	5	—	—	8	8	25	—	—	1
	Elmdon	300	08	20	o	19·2	+10	59	47	5	—	—	8	8	50	4	25	1
	Wittering	330	07	56	o	19·2	+14	58	50	6	—	—	8	8	50	4	35	0
	Watnall	010	02	32	o	19·2	+15	57	51	5	—	—	8	8	30	3	18	1
4	Little Rissington	310	08	48	o	19·8	+14	57	48	6	—	—	8	8	40	1	35	0
	Ross-on-Wye	300	04	81	o	20·0	+10	59	49	5	—	—	8	8	25	—	—	1
5	Shawbury	340	12	81	c	20·1	+12	59	47	8	—	→	7	7	60	3	25	1
	Bristol	290	03	64	o	20·1	+10	58	52	5	—	—	8	8	28	—	—	1
	Exeter	340	09	82	c	21·2	+17	61	50	8	—	—	7	6	40	3	20	0
	Portland Bill	310	09	80	c	20·0	+09	62	52	2	3	—	7	4	80	3	30	0
	Plymouth	330	13	82	c	22·0	+14	60	47	8	3	—	7	7	40	2	15	0
	Chivenor	330	20	82	b	21·4	+10	62	50	3	3	—	2	1	22	—	—	0
	St. Eval	320	10	83	c	23·0	+14	59	47	8	—	—	7	7	35	4	20	0
	Lizard	010	11	81	c	22·3	+04	59	48	8	—	—	6	6	20	—	—	0
	Scilly, St. Mary's	340	14	83	c	23·3	+08	64	49	8	—	—	7	6	25	2	18	0
	Guernsey	290	14	81	c	21·6	+10	61	52	8	4	—	6	4	40	3	25	0
6	Aberporth	300	05	82	c	21·3	+10	57	50	8	—	—	7	7	40	1	28	0
7	Pembroke	300	07	82	o	22·4	+12	59	49	2	7	—	8	7	80	1	25	0
8	Holyhead (Valley)	290	12	82	bc	20·4	+08	62	49	8	—	—	5	5	60	1	35	0
	Manchester	330	09	44	o	19·5	+09	59	48	5	—	—	8	8	45	2	20	1
	Squires Gate	300	13	81	bc	19·6	+05	62	47	2	3	—	5	2	25	—	—	0
9	Silloth	280	01	81	bc	18·3	−05	61	47	8	—	—	5	5	40	1	27	0
10	Finningley	310	04	56	o	18·8	+06	58	48	8	7	—	8	5	30	1	30	0
	Spurn Head	350	10	80	bc	18·1	+11	56	50	8	—	—	5	5	20	—	—	1
	Leeming	060	02	40	o	18·9	+10	55	49	5	—	—	8	8	50	3	30	1
	Tynemouth	050	06	80	c	18·3	+05 → +04	56	47	5	—	—	7	7	24	—	—	0
11	St. Abb's Head	—	0	81	c	17·8	−02	54	44	5	—	—	7	7	30	—	—	0
	Leuchars	110	01	64	o	18·0	+03	57	49	8	—	—	8	8	45	2	22	0
12	Eskdalemuir	270	02	82	o	18·0	+01	57	46	8	—	—	8	8	22	—	—	0
	Prestwick	280	14	83	bc	19·2	+07	59	47	7	3	9	3	1	35	—	—	0
	West Freugh	310	16	82	bc	10·5	+06	60	42	1	3	—	3	1	50	1	20	0
	Ronaldsway	280	10	82	c	20·6	+07	58	46	8	—	—	6	6	50	1	30	0
13A	Tiree	290	11	84	c	19·9	+01	57	49	8	—	—	7	7	50	1	20	0
13B	Benbecula	290	08	84	c	19·7	+05	57	48	8	—	—	7	7	40	1	24	0
	Stornoway	180	08	83	c	19·0	+01	54	50	8	—	—	7	6	25	—	—	0
	Cape Wrath	090	02	84	c	18·3	−01	53	47	8	—	—	6	6	25	—	—	0
14	Sule Skerry																	0
15	Loch Rannoch																	
	Dyce	340	08	82	c	17·8	+03	56	42	8	—	—	7	7	50	3	30	0
	Lossiemouth	350	03	82	o	17·9	00	55	42	5	—	—	8	8	40	1	25	0
	Wick	120	03	85	c	18·1	+02	53	45	8	—	—	7	7	45	5	28	0
16	Lerwick	360	08	82	c	16·6	00	51	45	8	4	—	7	4	20	2	15	1
17	Blacksod Point	320	07	81	bc	23·8	+07	59	52	8	—	—	4	4	22	—	—	0
18	Malin Head	300	09	51	iro	21·0	+03	55	53	6	2	—	7	2	41	5	11	0
	Aldergrove	330	04	82	c	20·9	+03	58	49	8	—	—	7	6	40	3	30	1
19	Castle Archdale	340	15	84	c	21·4	+04	60	51	8	6	—	7	4	20	—	—	0
	Birr Castle	310	09	81	o	21·6	+02	61	53	4	2	—	8	6	35	—	—	1
	Collinstown *	290	11	83	o	21·2	+04	59	48	8	—	—	4	4	50	3	31	0
20	Rineanna *	290	15	83	c	23·6	+03	62	53	8	6	—	7	4	23	—	—	1
	Valentia *	320	14	81	c/pr	25·2	+01	57	55	3	—	—	7	5	16	1	11	1
	Midleton *	330	07	81	c	23·3	+04	62	52	8	—	2	7	6	40	1	20	1

OBSERVATIONS during DAY 18th

District	Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
0	Kew	co2oo2o	65	1·9	—
1	London Airport	cmocmoirocmo	66	*	Tr
	Lympne	cciroc	64	1·3	Tr
	Tangmere	c2oyc2o	69	3·4	—
	Calshot	ccyc2o	67	2·3	—
2	Boscombe Down	ccidoc	62	0·4	Tr
	Felixtowe	ccidoc	63	→ 0·8	Tr
	Gorleston	oidomooidomob	63	0·2	Tr
	West Raynham	cdodomoc	56	0·0	0·3
	Mildenhall	ododomocmocproc	51	0·8	Tr
3	Cranfield	cmo2omo	61	0·1	—
	Elmdon	cc2o	60	*	—
	Wittering	cmoc2occmo	60	0·1	—
	Watnall	cmo2omo	59	0·1	—
4	Little Rissington	cmo	57	0·0	—
	Ross-on-Wye	irgomocc	61	0·0	0·2
5	Shawbury	cidcbcb	62	0·0	Tr
	Bristol	oddododc	58	0·0	0·5
	Exeter	ccycbc	68	1·9	—
	Portland Bill	o2cco	64	•	*
	Plymouth	bccbc	64	3·9	—
	Chivenor	cbcbc	66	8·9	—
	St. Eval	cbcc	64	3·3	—
	Lizard	pidcbcc	63	4·6	Tr
	Scilly, St. Mary's	bcyc	67	8·2	—
	Guernsey	cbcc	66	4·0	—
6	Aberporth	cbccbcc	61	4·4	—
7	Pembroke	cbcc	62	5·1	—
8	Holyhead (Valley)	cbcryc	63	4·0	—
	Manchester	c	54	0·5	—
	Squires Gate	cbccbyb	63	5·3	—
9	Silloth	cbcbcybc	62	•	—
10	Finningley	cmoc2occmo	62	0·1	—
	Spurn Head	omoc	58	1·9	2
	Leeming	cdocprocmo	61	0·1	—
	Tynemouth	c	57	•	—
11	St. Abb's Head	c	56	:	—
	Leuchars	cproc	58	0·0	Tr
12	Eskdalemuir	bccprobcb	58	0·7	Tr
	Prestwick	cybcybc	64	9·0	—
	West Freugh	cybcyc	64	•	—
	Ronaldsway	cbcybc	62	4·5	—
13A	Tiree	cycr	61	2·3	—
13B	Benbecula	cyccpro	61	6·0	Tr
	Stornoway	croroc	57	0·1	0·3
	Cape Wrath	bcc	56	•	—
14	Sule Skerry	c	59	:	—
15	Loch Rannoch				
	Dyce	cy	58	0·7	—
	Lossiemouth	ciro	57	0·3	Tr
	Wick	c	56	0·7	—
16	Lerwick	cpproidododocr	53	0·8	1
17	Blacksod Point	cbc	61	3·4	Tr
18	Malin Head	cr	60	•	0·3
	Aldergrove	cciromo	61	1·0	0·6
19	Castle Archdale	ccprobcciro	63	3·4	Tr
	Birr Castle	rc	63	0·2	Tr
	Collinstown *	c	62	1·0	—
20	Rineanna *	cpr	66	1·1	Tr
	Valentia *	pr	62	5·2	2
	Midleton *	c	64	0·8	—

*Rainfall read at 1800.

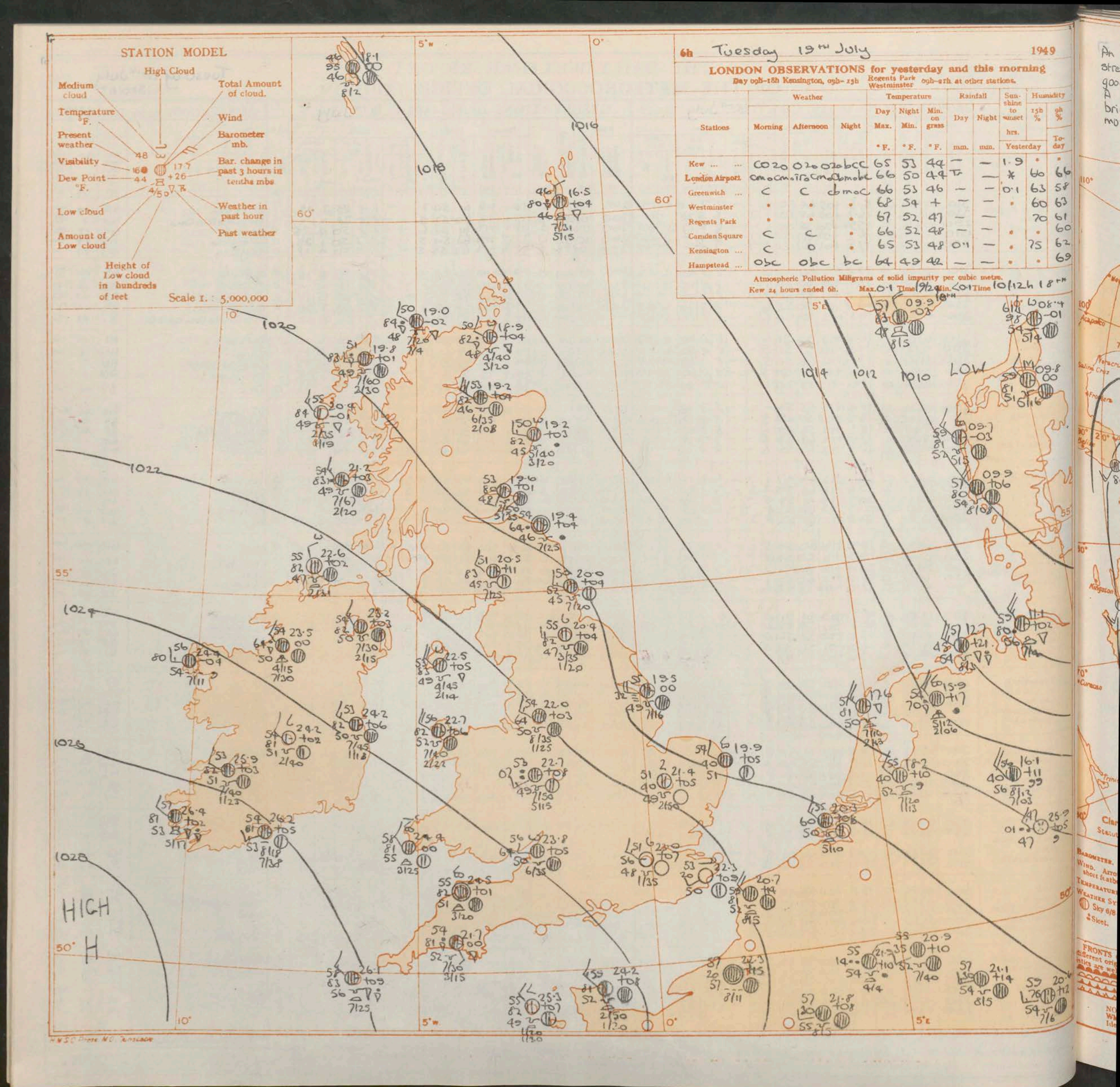
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet

* Information not usually received.

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

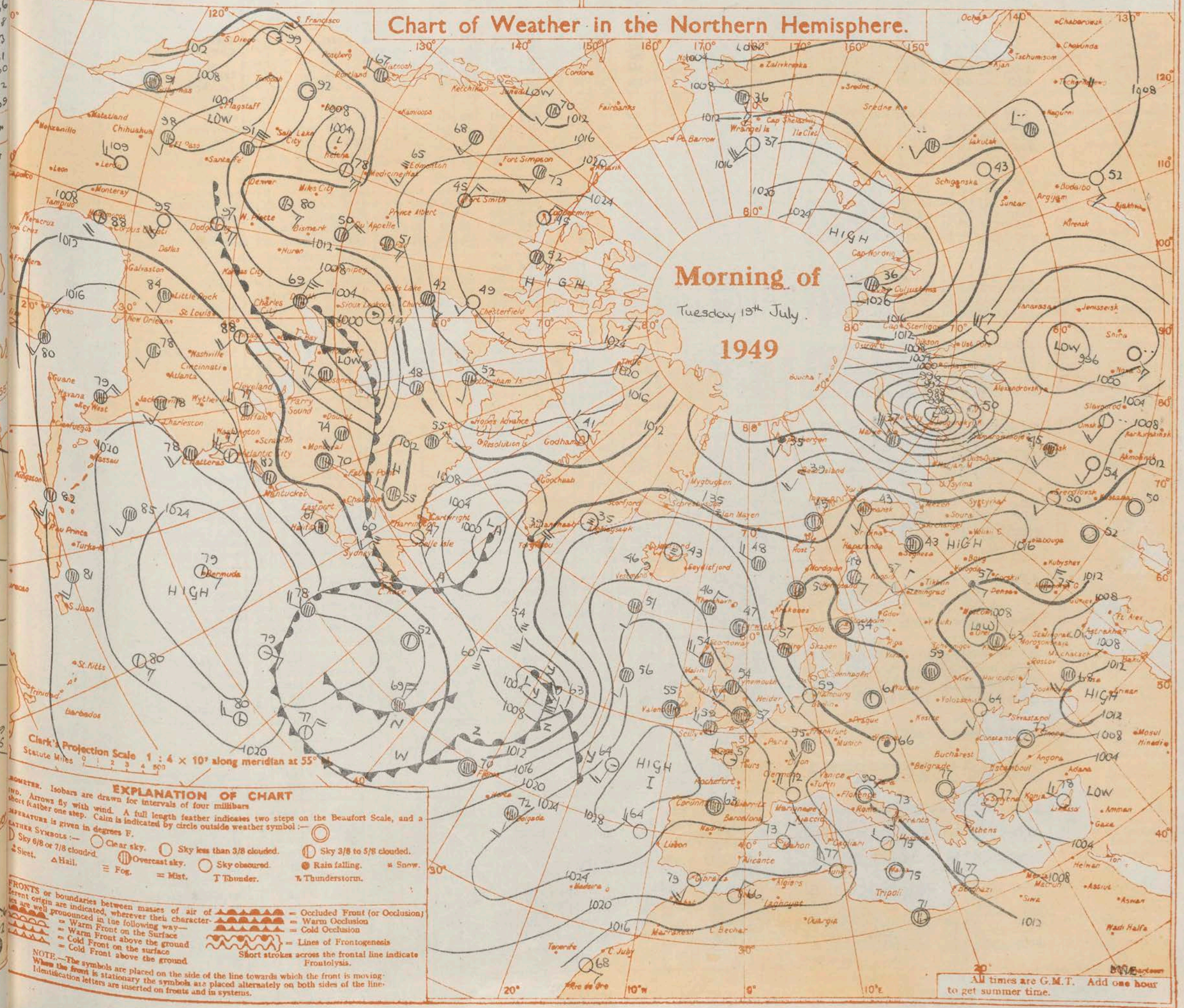

STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in tenths mbs.
Dew Point °F.
Weather in past hour
Low cloud
Past weather
Amount of Low cloud
Height of Low cloud in hundreds of feet
Scale 1. : 5,000,000
6h Tuesday 19th July 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–23h Regents Park Westminster 09h–21h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min. °F., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 15h % Yesterday, 9h % Yesterday, 9h % To-day
Kew ... ... | C0 2 0 | 0 2 0 0 2 0 b c c | b c | 65 | 53 | 44 | — | — | 1·9 | • | •
London Airport | c m o c m o i r o c m o c b m o b c | 66 | 50 | 44 | tr | — | * | 66 | 66
Greenwich ... | c | c | c b m o c | 66 | 53 | 46 | — | — | 0·1 | 63 | 58
Westminster | • | • | • | 68 | 54 | + | — | — | • | 60 | 63
Regents Park | • | • | • | 67 | 52 | 47 | — | — | | 70 | 61
Camden Square | c | c | • | 66 | 52 | 48 | — | — | • | • | 60
Kensington ... | c | o | • | 65 | 53 | 48 | 0·1 | — | • | 75 | 62
Hampstead ... | o b c | o b c | b c | 64 | 49 | 42 | — | — | • | • | 69
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 19/12h 18th Min. <0·1 Time 10/12h 18th
LOW
HIGH
H
1016
1018
1020
1022
1024
1026
1028
1014
1012
1010
60°
55°
50°
10°
5°W
0°
5°E

GENERAL INFERENCE

An anticyclone is centred over the Bay of Biscay. A rather cool northwesterly stream of air will give mainly fair weather today though there will be a good deal of cloud in most places with some scattered light showers. A trough of low pressure moving northeast on the Atlantic is expected to bring some rain or drizzle to parts of Ireland and West Scotland tomorrow morning.

FURTHER OUTLOOK

Continuing dry in most parts of the Midlands and South, but there is likely to be occasional rain further north.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 19th July 1949

No. 32016

OBSERVATIONS at 00hr G.M.T. 19th July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F (7)	Temp. Dew point °F (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	18	•	•	•	•	•	•	58	•	•	•	•	•	•	•	•	
	London Airport	82	–	02	4	0	21.4	+10	57	52	5	–	–	8	8	60	–	–
1	Lympne	341	–	02	4	c	20.9	+12	55	51	5	–	–	7	7	40	–	–
	Tangmere	53	350	03	24	0	21.6	-12	58	50	5	–	–	8	2	20	–	–
	Calshot	8	330	11	40	0	21.9	+13	59	53	5	–	–	8	6	42	–	–
	Boscombe Down	414	280	04	24	c	22.6	+18	55	51	–	7	–	7	7	–	–	–
2	Felixtowe	10	290	09	72	c	20.2	+10	56	52	5	–	–	6	6	57	–	–
	Gorleston	5	290	05	72	b	20.1	+16	54	50	–	–	–	8	6	50	–	–
	West Raynham	250	250	05	48	o/d	19.9	+11	53	49	–	7	–	8	8	80	–	–
	Mildenhall	15	–	0	64	0	20.3	+03	55	53	5	–	–	8	8	30	–	–
3	Cranfield	340	–	0	24	0	21.0	+12	55	49	–	7	–	8	8	79	–	–
	Elmdon	328	260	07	24	bc	21.8	+11	51	46	5	–	–	3	3	45	–	–
	Wittering	236	290	06	24	c	20.8	+07	53	50	5	–	–	6	6	35	–	–
	Watnall	366	290	02	24	b	21.2	+08	51	45	5	–	–	2	2	28	–	–
4	Little Rissington	740	310	05	64	bc	22.3	+09	52	46	5	–	–	3	3	50	–	–
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury	235	260	08	81	c	21.9	+04	52	45	5	–	–	7	7	50	–	–
5	Bristol	209	270	05	80	c	22.7	+12	54	49	5	~~4~~	~~4~~	7	7	43	–	–
	Exeter	100	310	03	64	b	24.1	+15	50	48	5	–	–	1	1	40	–	–
	Portland Bill	32	330	05	72	bc	22.7	+11	60	48	5	–	–	4	4	30	–	–
	Plymouth	90	090	01	81	c	24.7	+12	54	50	5	–	–	6	6	52	–	–
	Chivenor	20	310	06	84	c	24.2	+11	57	50	5	–	–	6	6	70	–	–
	St. Eval	336	310	06	82	bc	24.6	+06	58	52	5	–	–	4	4	60	–	–
	Lizard	240	340	03	81	0	25.1	+17	59	52	6	–	–	8	8	12	–	–
	Scilly, St. Mary's	163	300	09	83	0	23.5	+10	59	53	8	–	–	8	8	18	–	–
	Guernsey	340	340	10	82	c	24.2	+19	58	49	–	7	–	7	2	12	–	–
	Aberporth	375	240	02	80	0	22.9	+08	55	49	5	–	–	8	8	47	–	–
6	Pembroke	142	290	02	81	0	24.2	+09	59	55	2	–	–	8	7	25	–	–
7	Holyhead (Valley)	32	280	13	81	0	21.7	+06	58	53	5	–	–	8	8	40	–	–
8	Manchester	230	280	05	40	b	21.4	+07	49	46	5	–	–	1	1	30	–	–
	Squires Gate	33	300	14	81	bc	20.9	~~+03~~ +05	57	50	8	–	–	5	5	35	2	25
	Silloth	25	310	10	82	bc	20.3	+10	54	46	5	3	–	3	3	40	–	–
9	Finningley	52	250	06	36	bc	20.2	+05	51	46	5	–	–	3	3	50	–	–
10	Spurn Head	29	310	05	80	0	19.3	+06	56	48	5	–	–	8	8	15	–	–
	Leeming	105	–	0	40	bc	19.5	+01	51	49	5	–	–	4	4	30	–	–
	Tynemouth	108	270	04	24	c	19.1	+03	54	50	5	–	–	7	7	20	–	–
11	St. Abb's Head	280		0	80	0	18.8	+09	53	47	5	–	–	8	8	30	–	–
	Leuchars	36	–	04	80	lv	19.2	+08	52	50	5	–	–	8	8	50	4	18
12	Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick	30	290	05	81	c	20.6	+05	54	50	5	–	–	7	7	45	–	–
	West Freugh	52	310	04	48	d	21.8	+05	52	50	5	7	–	8	6	20	–	–
	Ronaldsway	55	270	10	24	pr	21.8	+07	53	51	8	–	–	8	8	21	2	15
13A	Tiree	29	260	08	84	0	20.9	+07	54	50	8	–	–	8	8	50	6	20
13B	Benbecula	16	340	06	83	pr	20.2	+04	53	48	8	–	–	8	8	57	3	19
	Stornoway	10	300	05	82	c	20.1	+07	47	46	5	–	–	7	7	45	–	–
	Cape Wrath	367	360	02	84	c	19.3	+08	51	45	5	–	–	6	6	25	–	–
	Sule Skerry	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	880																
15	Dyce	234	260	06	82	c	18.3	+00	50	45	5	–	–	6	6	45	2	30
	Lossiemouth	21	300	08	81	c	18.5	+04	53	46	5	–	–	7	6	25	1	20
	Wick	119	340	07	82	bc/pr	18.4	+02	~~56~~ 46	44	8	3	–	3	3	40	1	25
16	Lerwick	269	–	0	82	0	16.5	+00	47	45	5	–	–	8	8	25	4	18
17	Blacksod Point	18	320	07	81	c/pr	24.7	+08	55	51	9	•	•	6	6	21	•	•
18	Malin Head	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove	220	290	08	81	bc	22.5	+07	52	49	8	–	1	4	3	30	1	20
	Castle Archdale	225	340	06	82	c	23.0	+06	53	51	8	–	–	7	6	25	2	16
19	Birr Castle *	187	310	05	81	c	23.8	+12	55	53	4	–	–	6	6	25	–	–
	Collinstown *	228	290	08	82	0	23.3	+12	55	50	5	–	–	8	8	25	–	–
	Rineanna *	10	270	07	82	pr	25.4	+07	54	52	8	–	–	7	5	27	2	20
20	Valentia *	30	–	0	81	bc	26.7	+06	55	52	2	–	–	5	5	17	–	–
	Midleton *	30	310	09	81	bc	26.3	+06	55	52	5	–	–	4	4	45	–	–

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 19th July

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F (23)	Temp. Dew point °F (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Main layer Amt. 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)
0	Kew	290	03	30	bc	23.0	+08	54	46	5	–	–	3	3	25	–	–	1
	London Airport	260	07	56	b	23.0	+07	51	48	5	4	1	1	1	35	–	–	1
1	Lympne	330	05	20	b	22.3	+09	53	50	–	–	2	2	–	–	–	–	0
	Tangmere	290	03	40	b	23.3	+11	54	48	5	–	2	2	1	60	–	–	0
	Calshot	290	04	48	b	23.5	+01	56	48	–	–	–	0	0	0	–	–	0
	Boscombe Down	260	02	40	b	23.7	+07	50	46	–	–	–	0	0	0	–	–	0
2	Felixtowe	300	12	32	c	21.1	+05	55	50	5	–	–	6	6	55	–	–	0
	Gorleston	310	06	40	o	19.9	+05	54	51	–	7	–	8	8	80	–	–	0
	West Raynham	270	10	84	c	20.5	+05	51	47	5	–	–	7	7	35	–	–	1
	Mildenhall	*	*	40	o	21.4	+05	51	49	5	–	6	–	2	50	–	–	1
3	Cranfield	270	03	48	bc	22.1	+05	50	46	–	4	–	4	4	80	–	–	1
	Elmdon	250	08	07	ir	22.7	+08	53	49	5	–	–	7	7	50	5	25	1
	Wittering	290	10	24	c	21.8	+04	51	49	5	–	2	7	6	35	–	–	1
	Watnall	270	04	48	c	21.7	+04	52	49	5	–	–	7	7	45	4	20	1
4	Little Rissington	290	09	81	c	23.3	+05	52	45	5	–	–	7	5	45	5	35	1
	Ross-on-Wye	230	04	81	c	23.4	+08	51	49	5	–	–	7	7	25	–	–	1
	Shawbury	270	08	82	c	22.8	+06	55	49	8	3	–	6	6	40	1	22	0
5	Bristol	270	02	64	c	23.8	+05	56	50	5	3	–	7	6	35	–	–	1
	Exeter	–	0	81	c	24.9	+06	54	50	5	–	–	6	6	40	–	–	0
	Portland Bill																	0
	Plymouth	130	02	81	pr	25.1	+03	54	52	8	–	–	7	7	30	3	15	1
	Chivenor	–	0	82	o	24.5	+01	55	51	2	7	–	8	7	80	3	20	0
	St. Eval	340	12	82	c	25.3	+06	59	55	8	–	2	7	7	60	3	15	1
	Lizard	360	10	82	c	25.7	+06	58	54	5	–	–	7	7	20	–	–	0
	Scilly, St. Mary's	300	09	83	c/pr	26.1	+09	58	56	8	–	–	7	7	25	–	–	1
	Guernsey	350	04	82	bc	25.3	+07	55	49	8	–	6	4	1	30	1	20	0
	Aberporth	300	07	82	o	23.7	+05	56	53	8	–	–	8	8	36	4	12	0
6	Pembroke	330	05	81	c	24.4	+00	57	55	2	7	8	6	3	25	–	–	0
7	Holyhead (Valley)	290	11	82	c	22.7	+06	56	52	5	–	–	7	7	40	2	22	0
8	Manchester	280	09	64	o	22.0	+03	54	50	8	–	–	8	8	35	1	25	1
	Squires Gate	300	16	64	c/pr	21.4	+08	56	52	9	–	–	7	6	12	2 ~~7~~ 1	08	0
	Silloth	320	05	82	c	21.1	+06	55	48	5	–	–	7	7	35	1	15	0
9	Finningley	290	05	24	id.	21.1	+06	54	49	5	7	–	7	5	45	–	–	1
10	Spurn Head	270	12	32	c	19.5	+00	55	49	5	–	–	7	7	16	–	–	0
	Leeming	270	09	82	bc	20.4	+04	55	47	8	4	–	4	1	–	3	35	1
	Tynemouth	310	07	56	c	20.0	+09	50	45	5	–	–	7	7	20	–	–	0
11	St. Abb's Head	–	0	64	ir.	19.4	+04	52	46	5	–	–	7	7	25	–	–	0
	Leuchars	260	01	80	c	19.6	+01	53	48	5	–	–	7	2	50	5	35	0
12	Eskdalemuir	290	09	83	c	20.5	+11	51	45	8	–	–	7	7	25	–	–	0
	Prestwick	270	09	82	o	21.2	+05	54	50	8	–	–	8	7	40	1	25	1
	West Freugh	310	10	82	o	22.4	+06	53	51	8	3	–	8	7	45	2	18	0
	Ronaldsway	290	11	83	c	22.5	+05	53	49	8	3	–	6	6	45	2	14	1
13A	Tiree	300	08	83	jp	21.2	+03	54	49	8	–	–	7	7	67	2	20	1
13B	Benbecula	300	08	84	bc	20.4	-01	55	49	8	4	–	4	2	35	1	19	0
	Stornoway	270	05	83	pr.	19.8	+01	51	49	8	–	–	8	7	60	2	30	0
	Cape Wrath	270	05	84	pr.	19.0	-02	50	48	8	–	–	7	7	20	–	–	1
	Sule Skerry	310	09	82	jp	18.2	+00	52	46	8	–	–	7	6	15	–	–	1
14	Loch Rannoch																	
15	Dyce	270	10	82	c	19.2	+03	50	45	5	3	–	6	5	40	3	20	0
	Lossiemouth	270	14	82	c	19.2	+04	53	46	8	–	–	7	6	35	2	08	1
	Wick	300	06	82	pr.	18.9	+04	50	48	8	3	–	7	4	40	3	20	0
16	Lerwick	350	05	80	pr.	16.5	+04	46	46	9	–	–	7	7	31	5	18	0
17	Blacksod Point	270	09	80	c	24.4	-04	56	54	7	–	–	7	7	19	–	–	1
18	Malin Head	320	05	82	c	22.6	+02	55	47	8	5	–	6	4	83	2	31	0
	Aldergrove	300	07	82	c	23.2	+03	54	50	8	–	–	7	7	30	2	15	1
	Castle Archdale	310	01	64	pr.	23.5	+00	54	50	3	–	–	7	7	30	4	15	1
19	Birr Castle *	310	05	81	bc	24.2	+02	54	51	5	4	–	3	2	40	–	–	0
	Collinstown *	290	10	82	c	24.2	+06	53	50	8	–	–	7	7	45	1	18	0
	Rineanna *	310	02	82	c	25.9	+03	53	51	5	–	–	7	7	40	1	23	0
20	Valentia *	290	02	81	c/pr	26.4	+02	57	53	9	–	–	7	5	17	–	–	0
	Midleton *	250	07	81	c	26.2	+05	54	53	6	–	–	7	7	38	1	18	0

OBSERVATIONS Monday NIGHT

District	Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F (39)	Min. on Grass °F (40)	Rain mm. (41)
0	Kew	oz.bcc	53	44	-
	London Airport	cbm.bc	50	44	-
1	Lympne		51	49	-
	Tangmere	czbcy	54	46	-
	Calshot	cm.cbczb	55	50	-
	Boscombe Down	cb	49	42	-
2	Felixtowe	ccm.bccy	55	53	-
	Gorleston	bbw	50	45	-
	West Raynham	cidam.c	51	48	TR
	Mildenhall	ccm.bm.c	49	46	-
3	Cranfield	cm.bm.cm.c	48	43	-
	Elmdon	cwzcir.czc	48	*	1
	Wittering	cbclm.cz.	46	44	-
	Watnall	cm.bcm.bc	~~50~~ 46	43	-
4	Little Rissington	om.bcbc	49	45	-
	Ross-on-Wye	cbcc	49	*	-
	Shawbury	bcpr.c	51	45	TR
5	Bristol	c	52	47	-
	Exeter	bbwbcm.wc	47	36	-
	Portland Bill	bccc	55	*	-
	Plymouth	bccwppr.bccpr.	53	47	1
	Chivenor	cbcbcy	54	47	-
	St. Eval	cbcc	57	51	-
	Lizard	c	54	49	-
	Scilly, St. Mary's	cbcir.cpr.	48	39	1
	Guernsey	bccbc	53	50	-
	Aberporth	ccv	54	52	-
6	Pembroke	cbc	56	*	-
7	Holyhead (Valley)	c	54	49	-
8	Manchester	cbcir.cpr.	48	39	1
	Squires Gate	bbccir.pr.	55	52	0.1
	Silloth	bcc	53	46	-
9	Finningley	cm.cidom.cirom.cm.	53	51	0.5
10	Spurn Head	ocm.	55	*	-
	Leeming	cm.bm.bc	55	45	-
	Tynemouth	ccm.c	48	46	-
11	St. Abb's Head	ccir.c	48	*	TR
	Leuchars	ccir.c	50	49	TR
12	Eskdalemuir	bbcc	45	38	-
	Prestwick	bcccir.c	53	51	0.1
	West Freugh	cir.cd.do.cpr.c	51	47	3
	Ronaldsway	cpr.c	52	47	0.2
13A	Tiree	cvcrrcv	50	50	-
13B	Benbecula	cpr.c	52	47	0.2
	Stornoway	cr.r.ccpr.c	51	49	0.3
	Cape Wrath	cpr	49	46	0.6
	Sule Skerry		50	50	-
14	Loch Rannoch				
15	Dyce	cir.cpr.c	48	44	TR
	Lossiemouth	cpr.	50	34	TR
	Wick	cprjp	43	40	TR
16	Lerwick	cpr	46	43	1
17	Blacksod Point	prd	53	43	2
18	Malin Head	c	52	*	-
	Aldergrove	cbcc	51	49	-
	Castle Archdale	cpr.ccd.dom.c	52	48	1
19	Birr Castle	prbc	52	47	0.2
	Collinstown	cc	52	52	TR
	Rineanna	cc	52	40	-
20	Valentia	cpr	54	49	0.1
	Midleton	bbc	49	46	-

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 20th July 1949
No. 32017.

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

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Form. Medium. (10)	Form. High. (11)	Total amount. 0-8 (12)	Main layer. Amt. 0-8 (13)	Main layer. Ht. (14)	Lowest layer. Amt. 0-8 (15)	Lowest layer. Ht. (16)
0	Kew	300	08	81	c	23.8	+02	64	47	2	—	—	7	4	28	—	—
	London Airport	300	08	81	0	23.9	+04	64	49	8	—	—	8	6	25	—	—
1	Lympne	290	08	81	0	23.1	+02	64	47	8	—	—	8	8	50	5	30
	Tangmere	300	05	82	c	23.8	+02	66	44	8	—	—	7	7	60	3	25
	Calshot	310	06	81	c	24.5	+01	67	50	8	—	—	7	7	30	4	20
	Boscombe Down	290	08	81	c	23.9	+04	66	49	8	—	—	7	6	60	5	25
2	Felixtowe	280	12	80	0	22.3	+07	64	48	8	7	—	8	7	45	1	35
	Gorleston	310	10	56	c	20.9	+05	64	47	—	6	—	7	7	70	—	—
	West Raynham	300	08	72	c/pr	21.7	+01	56	50	8	—	—	7	7	35	3	18
	Mildenhall	290	07	82	c	22.3	+02	62	50	8	3	—	7	7	37	4	25
3	Cranfield	300	10	81	c	23.0	+03	61	47	8	—	—	7	7	35	1	20
	Elmdon	300	08	81	c	23.6	+07	59	48	8	—	—	7	7	40	3	25
	Wittering	310	15	80	c	22.9	+05	61	49	8	—	—	7	6	50	3	25
	Watnall	360	08	81	0	23.1	+08	59	49	8	—	—	8	6	40	2	25
4	Little Rissington	310	11	82	c	24.1	+07	61	43	8	—	—	7	7	70	—	—
	Ross-on-Wye	270	10	82	c	24.1	+02	62	48	8	—	—	7	7	30	—	—
	Shawbury	290	10	82	c	24.0	+03	61	45	8	—	1	7	3	35	4	25
5	Bristol	270	06	81	c	24.5	00	64	51	8	—	—	7	6	45	4	28
	Exeter	310	12	82	c	25.2	−01	65	51	8	—	—	6	2	40	4	20
	Portland Bill																
	Plymouth	200	08	82	c	25.9	−01	64	55	2	—	—	6	6	15	—	—
	Chivenor	290	16	84	bc	26.1	+07	66	55	4	8	15	5	1	60	4	20
	St. Eval	320	08	82	c	26.8	+05	61	54	8	7	5	7	4	—	4	18
	Lizard	330	05	82	bc	26.8	−05	66	53	8	—	5	5	4	25	—	—
	Scilly, St. Mary's	290	07	83	c	26.9	+03	68	56	8	4	—	7	3	70	5	23
	Guernsey	290	08	82	bc	26.5	+03	65	50	2	4	1	4	3	20	1	12
	Aberporth	270	06	87	bc	25.6	+08	61	52	2	—	9	3	2	25	—	—
6	Pembroke	300	12	82	c	26.2	+08	59	54	2	7	—	7	6	25	—	—
7	Holyhead (Valley)	290	12	83	c	24.4	+07	62	44	5	—	—	7	7	45	2	20
8	Manchester	310	10	81	c	23.2	+02	60	50	8	—	—	7	7	35	4	20
	Squires Gate	290	16	82	bc	23.5	+08	60	51	8	—	—	5	3	25	—	—
	Silloth	260	01	82	pr	21.8	+01	60	48	8	—	—	7	7	45	6	25
9	Finningley	310	09	48	c	22.3	+07	61	47	6	—	—	7	7	35	5	23
10	Sparn Head	310	14	56	c	21.4	+07	61	48	8	—	—	6	6	20	—	—
	Leeming	300	08	85	c	21.3	+06	61	46	8	—	—	7	7	50	3	28
	Tynemouth	050	03	56	c	21.3	+07	59	50	5	—	—	7	7	20	—	—
11	St. Abb's Head	310	09	81	c	20.5	+06	57	47	5	—	—	6	6	32	—	—
	Leuchars	250	08	81	bc	20.3	+02	60	43	8	—	—	5	5	45	3	22
12	Eskdalemuir	270	obscr	83	0	21.3	+04	57	46	8	—	—	8	8	22	—	—
	Prestwick	240	12	82	0	22.6	+05	59	52	8	—	—	8	8	40	3	28
	West Freugh	310	20	82	c	23.8	+07	61	46	8	6	—	6	4	40	2	20
	Ronaldsway	260	14	85	c	23.9	+03	61	50	8	—	—	7	7	50	2	20
13A	Tiree	280	09	84	c	22.7	+08	60	50	8	—	—	7	7	60	1	20
13B	Benbecula	310	11	84	bc	22.0	+07	60	46	8	3	—	3	2	45	2	25
	Stornoway	310	10	82	c/pr	21.1	+06	57	52	8	—	—	7	7	35	3	20
	Cape Wrath	270	13	84	pr	19.7	+04	53	49	8	—	—	7	7	20	—	—
	Sule Skerry	310	09	82	bc	19.9	+14	58	50	2	—	2	4	3	30	—	—
14	Loch Rannoch	340	08	56	pr	19.9	+01	54	46	8	—	—	7	6	40	1	10
15	Dyce	280	12	83	c	19.8	00	61	47	8	—	—	7	6	55	4	20
	Lossiemouth																
	Wick	300	14	29	pr	19.3	+03	55	50	2	—	—	7	7	12	—	—
16	Lerwick	010	12	82	c	17.8	+06	53	49	3	—	3	7	5	20	—	—
17	Blacksod Point	280	06	81	c	29.9	−01	60	54	2	—	—	1	5	29	—	—
18	Malin Head	300	09	83	c	23.7	+03	59	47	1	7	—	6	4	83	2	31
	Aldergrove	290	10	83	c	23.7	−01	62	50	8	7	—	6	4	35	3	25
	Castle Archdale	290	07	83	c	24.2	+01	61	54	8	—	—	7	4	22	—	—
19	Birr Castle *	220	09	81	0	24.9	−04	62	51	4	2	—	8	6	35	—	—
	Collinstown *	290	13	83	pr	24.8	00	60	50	8	—	—	5	2	26	1	22
	Rineanna *	250	09	83	c/d	26.3	−02	61	53	8	—	—	7	4	22	—	—
20	Valentia *	280	09	81	0	26.7	−05	62	51	8	—	—	8	7	29	—	—
	Midleton *	290	08	82	c	26.7	−01	62	53	8	—	—	7	7	25	—	—

* Rainfall read at 1800.

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

District	Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Form. Medium. (26)	Form. High. (27)	Total amount. 0-8 (28)	Main layer. Amt. 0-8 (29)	Main layer. Ht. (30)	Lowest layer. Amt. 0-8 (31)	Lowest layer. Ht. (32)	21h State of ground (33)
0	Kew	290	10	81	bc	23.1	−06	69	45	1	—	—	4	3	25	—	—	0
	London Airport	330	10	82	b	23.3	−03	68	48	8	—	—	2	1	50	1	38	0
1	Lympne	270	02	84	c	23.0	−01	65	48	4	3	—	6	5	—	3	30	0
	Tangmere	270	14	82	bc	23.2	−04	66	53	8	—	—	5	4	30	—	—	0
	Calshot	250	13	82	c	23.9	−04	65	56	8	—	—	6	5	40	3	25	0
	Boscombe Down	290	06	82	bc	23.7	−01	67	51	8	—	—	3	1	60	3	30	0
2	Felixtowe	300	08	84	c	21.8	−02	66	49	2	6	—	7	2	30	—	—	0
	Gorleston	340	06	84	c	21.6	+03	62	53	3	—	—	7	7	30	—	—	0
	West Raynham	310	10	64	c	21.8	−02	62	48	8	—	—	6	6	35	3	25	1
	Mildenhall	320	02	64	c	22.7	+03	63	52	2	3	—	6	6	—	2	30	1
3	Cranfield	310	09	80	bc	22.6	−03	65	46	1	—	—	3	3	40	—	—	0
	Elmdon	290	10	81	bc	23.4	00	63	48	4	—	—	4	3	26	—	—	0
	Wittering	330	10	80	bc	23.0	−01	64	49	8	—	—	4	4	45	1	25	0
	Watnall	280	11	81	b	23.2	+01	62	47	1	—	—	1	1	30	—	—	1
4	Little Rissington	290	05	83	bc	24.1	+03	63	43	8	—	—	5	3	45	3	30	0
	Ross-on-Wye	300	10	82	b	24.3	+03	65	49	4	—	1	2	2	35	—	—	0
	Shawbury	340	12	82	bc	24.2	+01	63	47	8	—	—	4	4	50	2	30	10*
5	Bristol	270	12	83	b	24.3	00	66	53	1	—	—	3	3	25	—	—	1
	Exeter	330	18	82	bc	25.4	−01	65	51	1	4	1	3	2	30	—	—	0
	Portland Bill																	
	Plymouth	310	08	82	c	26.4	+06	64	50	2	6	2	6	1	—	5	35	0
	Chivenor	290	16	84	b	26.0	−05	61	49	1	6	4	2	1	25	—	—	0
	St. Eval	310	08	83	bc	26.9	−02	61	52	2	7	6	5	2	—	3	18	0
	Lizard	330	05	82	c	27.2	−03	63	52	1	3	8	6	4	—	3	30	0
	Scilly, St. Mary's	290	05	82	c	27.0	−02	65	55	8	7	—	7	6	70	3	23	0
	Guernsey	300	12	82	b	26.4	−04	64	55	1	4	2	2	1	18	—	—	0
	Aberporth	270	06	86	b	25.3	−03	61	50	4	8	—	2	1	25	—	—	0
6	Pembroke	270	08	82	bc	25.9	−02	61	50	1	—	5	4	1	25	—	—	0
7	Holyhead (Valley)	220	14	83	jp	24.2	−06	60	53	8	—	—	7	7	40	3	25	0
8	Manchester	290	10	82	b	23.7	00	61	47	1	4	—	2	1	25	—	—	1
	Squires Gate	280	12	83	c	23.6	−02	60	51	8	3	—	7	2	25	—	—	0
	Silloth	240	10	82	c	22.2	−01	60	52	8	—	—	7	7	40	3	25	0
9	Finningley	290	14	56	bc	22.3	00	64	48	3	7	—	5	4	35	—	—	0
10	Sparn Head	110	02	32	c	21.9	00	61	54	5	—	—	6	6	25	—	—	2
	Leeming	290	11	85	c/pr	21.8	+01	61	51	8	—	—	6	6	50	3	30	1
	Tynemouth	050	03	56	pr	21.5	−02	57	52	8	—	—	7	7	20	—	—	1
11	St. Abb's Head	180	02	80	pr	20.4	−03	55	52	5	—	—	5	5	30	—	—	1
	Leuchars	060	03	82	pr	20.5	+03	55	50	8	—	—	7	7	30	5	15	1
12	Eskdalemuir	270	09	82	c	21.6	+01	58	47	8	—	—	7	7	28	—	—	0
	Prestwick	270	10	83	c	22.8	00	55	51	8	—	—	7	7	40	2	25	0
	West Freugh	340	13	82	bc	23.6	−03	60	48	8	—	—	5	6	40	1	25	0
	Ronaldsway	210	09	85	b	23.6	−03	60	54	8	—	5	2	1	16	—	—	0
13A	Tiree	310	07	84	c	22.8	−02	59	50	8	—	5	6	3	60	3	22	0
13B	Benbecula	280	09	83	bc	22.3	+01	59	47	8	3	—	5	2	45	2	23	0
	Stornoway	310	13	83	bc	21.4	+02	60	48	8	—	—	3	3	45	3	28	0
	Cape Wrath	270	13	83	c	20.4	+02	55	47	8	—	—	7	7	20	—	—	1
	Sule Skerry	310	09	82	bc	20.2	+05	57	45	2	—	—	4	4	30	—	—	0
14	Loch Rannoch	310	03	82	bc/pr	20.5	+03	57	47	3	6	3	5	3	25	—	—	1
15	Dyce	270	03	82	jp	20.8	+07	58	48	8	—	—	7	5	30	—	—	0
	Lossiemouth																	
	Wick	300	12	83	c	20.3	+06	55	45	8	—	—	7	5	30	3	20	0
16	Lerwick	350	09	82	bc	18.6	+05	54	43	5	6	—	5	5	25	2	15	1
17	Blacksod Point	260	09	81	c	23.7	−11	60	54	8	—	7	7	4	25	—	—	0
18	Malin Head	320	09	83	bc	23.7	−02	58	46	5	—	1	5	4	36	—	—	0
	Aldergrove	250	07	83	jp	23.6	−04	64	52	8	—	—	7	5	40	4	28	0
	Castle Archdale	290	10	84	c	23.4	−08	62	53	2	—	6	6	4	25	—	—	0
19	Birr Castle *	220	09	81	0	23.3	−07	64	54	4	2	—	8	5	30	—	—	0
	Collinstown *	290	09	83	c/pr	23.9	−04	63	54	3	6	8	7	4	55	2	26	0
	Rineanna *	270	09	83	0	24.7	−12	64	54	2	7	—	8	7	84	1	27	0
20	Valentia *	180	10	81	pr	24.9	−11	60	55	7	2	—	8	7	16	—	—	0
	Midleton *	190	08	82	c	26.2	−10	63	54	6	5	—	7	7	85	1	23	0

OBSERVATIONS during DAY (19th)

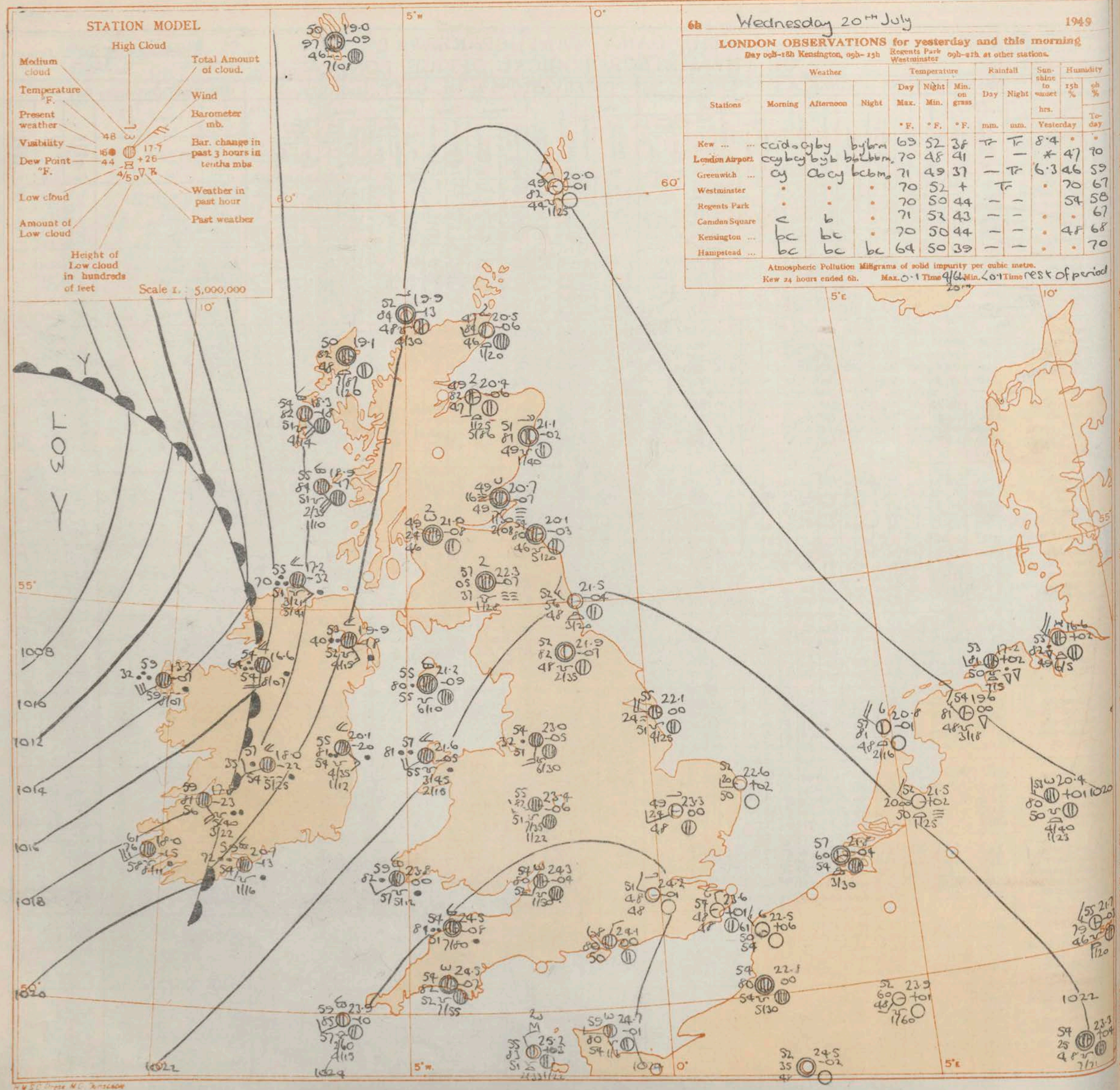
Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h. 21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. min. (37)
Kew	ccidocybcyby	69	8.4	TR
London Airport	ccybcybyb	70	*	—
Lympne	cybcycybc	69	7.8	—
Tangmere	cycpcybc	69	8.3	Tr
Calshot	bcybcbcb	68	9.7	—
Boscombe Down	bccybcyb	69	11.4	—
Felixtowe	cybcycybcb	67	7.1	—
Gorleston	cmocybcc	65	2.7	—
West Raynham	cpcoypRmo	64	4.0	0.5
Mildenhall	ccycbcbbmo	65	4.3	—
Cranfield	ccybcyb	67	7.2	—
Elmdon	ccyb	65	4.9	—
Wittering	c2occyb	65		—
Watnall	ccybcyb	64	8.3	—
Little Rissington	cbcyVb	66	0.9	—
Ross-on-Wye	ccvbcvybv	69	7.5	—
Shawbury	ccybcybc	66	6.0	—
Bristol	cbcb	70	8.1	—
Exeter	cprobcybcc	71	11.6	TR
Portland Bill				
Plymouth	cprocccyc	67	8.1	0.0 TR
Chivenor	bcybc	66	10.0	—
St. Eval	ccprocbcc	64	9.7	TR
Lizard	c	68	1.0	—
Scilly, St. Mary's	c	70	7.1	—
Guernsey	bbcc	66	14.3	—
Aberporth	cvbccbcbbccv	63	9.6	—
Pembroke	bbcc	63	9.7	—
Holyhead (Valley)	ccpro cjp	63	2.3	Tr
Manchester	cbccb	63	4.8	—
Squires Gate	cbcc	62	9.6	—
Silloth	cprocbc	62		Tr
Finningley	c2ocybcybc2	66		—
Sparn Head	ccmo cmorr	64		2
Leeming	cycprocv	65	4.9	0.1
Tynemouth	cprccmo	60		1
St. Abb's Head	cbcbcprcpr	63		3
Leuchars	cproc	67	6.7	1
Eskdalemuir	~~cproc~~ cpr.bc	55	2.4	Tr
Prestwick	cjpcbc	62	1.9	Tr
West Freugh	cybcc	65		—
Ronaldsway	ccjpbcc	62	9.4	—
Tiree	cvbcvw	61	5.7	—
Benbecula	cbccc	61	11.1	—
Stornoway	cprobcb	60	6.4	0.2
Cape Wrath	prc	57		0.2
Sule Skerry	bc	60		—
Loch Rannoch	pRHbc	58	5.1	6
Dyce	cprojp	63	5.8	1
Lossiemouth				
Wick	cprbc	55	5.3	2
Lerwick	cprocbc	57	8.1	Tr
Blacksod Point	c	62	4.0	0.1
Malin Head	c	61	*	0.6
Aldergrove	cgpc	67	4.3	—
Castle Archdale	c	64	6.1	—
Birr Castle *	c	66	2.7	—
Collinstown *	pr	65	4.4	Tr
Rineanna *	cpr	65	1.8	Tr
Valentia *	c	65	0.9	0.1
Midleton *	c	66	2.7	—

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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



H.W.S.O. Press M.O. Dunstable

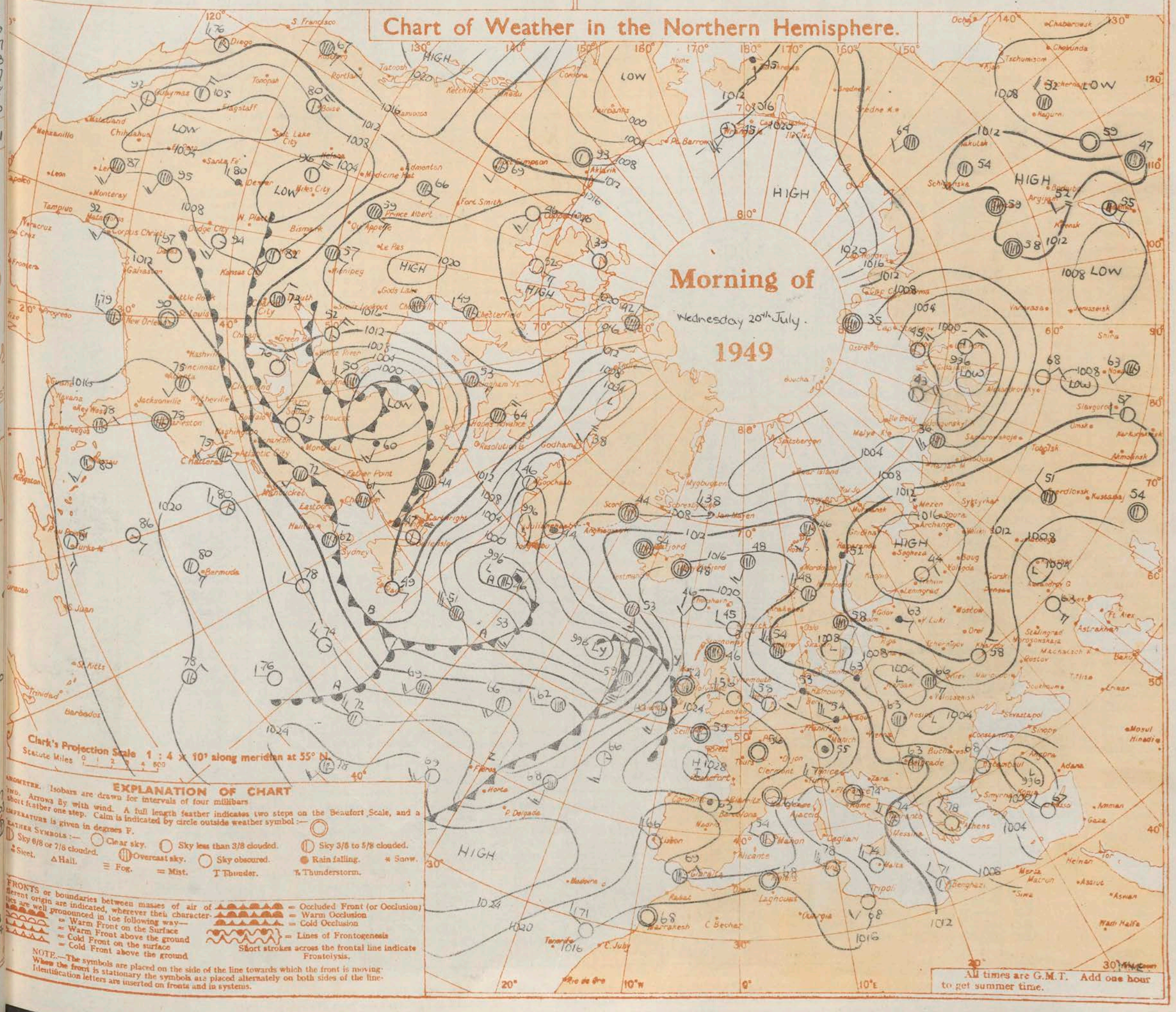
GENERAL INFERENCE

An anticyclone over north France is moving East. A trough of low pressure over Ireland will move across the country and give some rain in Scotland, Ireland, northern England, Wales and parts of the Midlands and Lincolnshire though in these latter areas the rain will probably be only slight. Further south it will continue fair and somewhat warmer than of late.

FURTHER OUTLOOK

Doubtful: probably fair in most parts of the Midlands, East and Southeast England, but there may be rain at times in other districts.

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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. Where 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 G.M.T. Add one hour to get summer time.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 20th July 1949

No. 32017.

OBSERVATIONS at 00hr G.M.T. 20th July

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form: Low (9)	Form: Medium (10)	Form: High (11)	Total amount 0-8 (12)	Main layer: Amt 0-8 (13)	Main layer: Ht. (14)	Lowest layer: Amt 0-8 (15)	Lowest layer: Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	55	•	•	•	•	•	•	•	•	
	London Airport	82	310	05	80	b	24·2	-01	54	50	–	–	–	0	0	0	–	–
1	Lympne ...	341	310	03	48	b	23·6	-02	57	50	5	–	–	1	1	30	–	–
	Tangmere ...	53	–	0	80	b	24·2	+02	57	48	–	–	–	0	0	0	–	–
	Calshot ...	8	330	06	81	b	24·7	+03	58	54	–	–	–	0	0	0	–	–
	Boscombe Down	414	–	0	80	b	24·5	+01	52	48	–	–	–	0	0	0	–	–
2	Felixtowe ...	10	280	07	40	bc	22·9	-01	58	52	–	–	6	5	–	–	–	–
	Gorleston ...	5	310	01	56	b/r	22·3	-02	55	50	5	–	–	8	8	30	–	–
	West Raynham	250	–	0	40	b	23·0	+04	50	48	5	–	–	1	1	40	–	–
	Mildenhall ...	15	280	01	48	bc	23·6	+04	50	48	–	–	2	5	–	–	–	–
3	Cranfield ...	340	–	0	64	b	24·0	+04	54	44	–	–	–	0	0	0	–	–
	Elmdon ...	328	280	08	32	b	24·8	+00	52	49	–	–	–	0	0	0	–	–
	Wittering ...	236	310	09	56	b	24·1	+03	47	45	–	–	–	0	0	0	–	–
	Watnall ..	366	270	05	40	b	23·8	-02	50	44	–	–	–	0	0	0	–	–
4	Little Rissington	740	310	09	82	b	24·7	-03	53	46	–	4	–	1	1	23	–	–
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	–	0	81	bc	24·6	-00	51	48	5	–	2	3	1	40	–	–
5	Bristol ...	209	230	02	80	b	25·1	-01	53	48	–	–	–	0	0	0	–	–
	Exeter ...	100	–	0	81	c	26·1	-01	54	51	–	5	8	6	3	–	–	–
	Portland Bill	32	330	05	81	b bc	25·5	—	60	50	1	–	–	2	2	30	–	–
	Plymouth ...	90	–	0	81	b	25·9	-06	54	51	–	–	–	0	0	0	–	–
	Chivenor ...	20	–	0	84	b	26·0	-03	55	51	–	–	–	0	0	0	–	–
	St. Eval ...	336	–	0	83	c	26·4	-05	56	51	–	1	–	7	7	–	–	–
	Lizard ...	240	–	0	80	bc	26·5	-10	57	55	5	–	–	3	3	20	–	–
	Scilly, St. Mary's	163	–	0	83	bc	26·0	-08	59	54	5	–	–	5	5	15	–	–
	Guernsey ...	340	330	07	81	b	26·4	-04	56	52	–	4	–	1	1	–	–	–
	Aberporth ...	375	190	02	84	c	24·9	-04	53	51	–	–	6	6	–	–	–	–
6	Pembroke ...	142	240	03	82	b	25·3	-06	59	55	1	–	–	1	1	25	–	–
7	Holyhead (Valley)	32	180	08	81	bc/r	23·0	-10	58	57	5	–	–	5	5	44	–	–
8	Manchester ...	230	200	01	48	bc	24·2	-02	52	51	5	–	–	3	3	25	–	–
	Squires Gate...	33	280	08	81	c	23·5	-04	56	50	8	–	–	6	6	35	2	18
	Silloth ...	25	–	0	81	b	22·8	+01	54	48	5	4	–	2	2	35	–	–
9	Finningley ...	52	250	03	32	b	23·3	+02	50	47	–	4	–	1	1	–	–	–
10	Spurn Head ...	29	290	08	40	b	22·9	+00	56	54	–	–	–	0	0	0	–	–
	Loeming ...	105	310	04	81	b	22·9	+02	52	48	5	–	–	1	1	40	–	–
	Tynemouth ...	108	310	08	56	bc	22·3	+02	54	50	3	–	–	3	3	20	–	–
11	St. Abb's Head	280	270	05	81	c	21·8	-02	55	45	5	–	–	6	6	30	–	–
	Leuchars ...	36	f	0	81	bc	22·0	+03	54	51	5	–	–	5	5	30	3	20
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	–	0	81	b	22·9	-03	50	48	–	–	1	1	–	–	–	–
	West Freugh...	52	360	02	81	bc	23·5	-04	53	51	5	3	–	3	1	40	–	–
	Ronaldsway ...	55	–	0	81	c	23·0	-08	54	53	5	–	2	7	7	25	2	14
13A	Tiree ...	29	–	0	84	bc	22·1	-10	49	47	1	–	5	8	1	22	–	–
13B	Benbecula ...	16	–	0	84	b	21·5	-08	50	48	8	–	–	1	1	45	1	28
	Stornoway ...	10	–	0	83	bc	21·4	-06	49	47	5	3	–	5	3	40	–	–
	Cape Wrath ...	367	270	09	83	bc	21·4	+00	52	46	2	3	–	4	2	30	–	–
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	280	05	82	c/pr	21·7	+02	51	49	8	–	–	6	6	45	3	20
	Lossiemouth...	21	360	04	81	c	21·5	+00	55	49	8	–	–	6	6	35	4	25
	Wick ...	119	–	0	82	c	21·6	+03	46	44	5	–	–	6	6	36	–	–
16	Lerwick ...	269	320	01	25	b	20·6	+11	45	41	5	–	–	1	1	25	–	–
17	Blacksod Point	18	190	16	52	r	19·6	-27	57	55	7	–	–	8	8	07	–	–
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	070	01	81	c	23·3	-05	51	49	5	7	7	7	1	35	–	–
	Castle Archdale	225	–	0	82	0	22·0	-14	54	52	5	2		8	2	45	–	–
19	Birr Castle ... •	187	220	05	50	0/r	22·6	-09	58	55	7	2	–	8	5	25	–	–
	Collinstown ... •	226	150	04	82	0	23·1	-09	55	52	5	1	–	8	5	83	3	20
	Rineanna ... •	10	160	14	48	r	21·8	-08	57	56	7	2	–	8	5	32	3	12
20	Valentia ... •	30	180	15	80	0	21·8	-18	60	56	7	–	–	8	8	16	–	–
	Midleton ... •	30	150	03	80	r0/r0	24·2	-08	58	57	6	7	–	8	4	12	–	–

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 20th July

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low (25)	Form: Medium (26)	Form: High (27)	Total amount 0-8 (28)	Main layer: Amt 0-8 (29)	Main layer: Ht. (30)	Lowest layer: Amt 0-8 (31)	Lowest layer: Ht. (32)	9 h. State of ground (33)
Kew ...	–	0	16	b	24·1	+00	54	48	–	–	1	1	–	–	–	–	0
London Airport	280	02	48	b	24·2	-01	51	48	–	–	1	1	–	–	–	–	1
Lympne ...	360	02	48	b	23·6	+01	54	48	–	4	–	1	–	–	–	–	0
Tangmere ...	–	0	81	b	24·0	+02	54	50	–	7	1	2	–	–	–	–	0
Calshot ...	010	06	80	c	24·1	+00	58	50	–	5	1	6	6	–	–	–	0
Boscombe Down	–	0	82	bc	23·9	+02 ~~+01~~	52	48 ~~47~~	–	3	2	5	5	80	–	–	0
Felixtowe ...	300	05	40	b	22·8	+01	54	50	–	–	1	1	–	–	–	–	0
Gorleston ...	270	03	20	b	22·6	+02	52	50	–	–	–	0	0	0	–	–	0
West Raynham	290	07	20	b	22·8	+01	51	49	–	–	4	1	–	–	–	–	0
Mildenhall ...	260	02	24	bc	23·3	+00	49	48	–	–	4	3	–	–	–	–	0
Cranfield ...	240	03	32	bc	23·8	-01	48	46	–	3	1	3	2	80	–	–	0
Elmdon ...	200	08	24	c	23·6	-06	54	51	5	–	–	7	7	40	1	25	0
Wittering ...	290	09	24	bc	23·5	-01	51	49	5	–	1	5	4	35	–	–	0
Watnall ..	270	01	24	c	23·2	-02	52	50	5	–	–	7	7	45	–	–	1
Little Rissington	290	09	82	bc	23·7	-04	52	47	5	5	–	5	5	85	1	60	0
Ross-on-Wye	130	01	87	c	24·6	-08	51	49	5	7	8	7	1	25	–	–	0
Shawbury ...	180	01	81	0	~~23·5~~ 23·9	-06	54	52	5	–	8	8	5	40	3	25	0
Bristol ...	200	01	80	c	24·3	-04	54	52	5	3	–	7	7	83	1	50	1
Exeter ...	–	0	82	c	24·7	xx	54	52	–	7	2	6	–	–	–	–	0
Portland Bill																	0
Plymouth ...	–	0	82	c	24·5	-07	54	52	5	3	1	7	7	55	–	–	0
Chivenor ...	–	0	84	r0r0	24·5	-08	54	51	–	7	–	7	7	80	–	–	0
St. Eval ...	170	05	83	c	24·7	-09	56	54	5	3	9th	6	4	–	2	40	0
Lizard ...	–	0	81	bc	24·6	+12	59	57	8	–	–	3	3	20	–	–	0
Scilly, St. Mary's	230	05	83	bc	23·9	-10	59	57	4	7	–	4	4	60	4	15	0
Guernsey ...	340	03	83	bc	25·2	-03	55	51	8	8	–	4	2	33	2	12	0
Aberporth ...	190	04	81	d0d0	23·1	-10	55	55	5	7	–	8	8	80	5	36	0
Pembroke ...	230	02	82	ir0	23·8	-00	59	57	5	7	–	8	5	12	–	–	0
Holyhead (Valley)	250	11	81	r0r0	21·6	-05	57	55	5	2	–	8	3	45	2	15	1
Manchester ...	180	09	32	0	23·0	-05	54	51	5	–	–	8	6	30	–	–	0
Squires Gate...	270	04	81	c	22·0	-07	60	56	8	3	–	7	6	35	2	18	1
Silloth ...	–	0	81	0	21·8	-07	48	47	5	–	7	8	3	40	–	–	0
Finningley ...	200	02	16	c	22·3	-07	63	49	–	7	–	7	7	–	–	–	1
Spurn Head ...	270	12	24	bc	22·1	+00	55	51	5	–	–	5	4	25	–	–	1
Loeming ...	–	0	82	bc	21·9	-07	52	48	5	–	2	3	2	35	–	–	1
Tynemouth ...	310	09	56	bc	21·5	-04	52	48	2	–	–	3	3	20	–	–	0
St. Abb's Head	–	0	80	bc	20·1	-03	54	46	5	–	–	5	5	30	–	–	1
Leuchars ...	–	0	16	bc	20·7	-07	49	49	6	4	8	5	3	30	2	08	
Eskdalemuir...	–	0	05	c/f	22·3	-07	37	37	4	–	6	6	1	28	–	–	0
Prestwick ...	110	02	83	0	20·9	-12	50	46	5	7	7	8	4	35	–	–	0
West Freugh...	130	05	81	c	21·1	-14	53	50	5	4	–	7	7	25	–	–	1
Ronaldsway ...	–	0	80	ir0	21·2	-09	55	55	6	7	–	8	6	10	–	–	1
Tiree ...	140	14	84	0	18·9	-17	55	51	5	7	–	8	8	80	2	35	0
Benbecula ...	130	12	82	c	18·2	-18	54	51	5	7	–	7	7	–	4	14	0
Stornoway ...	–	0	82	c	19·1	xx	50	48	1	–	6	7	7	87	1	20	0
Cape Wrath ...	–	0	84	bc	19·9	-13	52	48	5	–	1	4	4	30	–	–	0
Sule Skerry ...																	
Loch Rannoch	360	02	82	bc	20·4	+00	50	44	–	4	5	4	1	70	–	–	0
Dyce ...	–	0	81	bc	21·1	-02	51	49	5	–	2	4	1	40	–	–	1
Lossiemouth...	180	03	82	bc	20·4	-06	49	47	1	–	6	5	5	86	1	25	0
Wick ...	270	03	84	bc	20·5	-06	47	46	1	–	6	4	1	20	–	–	0
Lerwick ...	240	06	82	b	20·0	-01	49	44	5	–	–	1	1	25	–	–	1
Blacksod Point	200	33	32	ir	13·2	-07	59	59	7	–	–	8	8	07	–	–	1
Malin Head ...	160	09	71	ir	17·2	-32	55	51	6	2	–	8	5	41	3	21	1
Aldergrove ...	140	10	40	r0r	19·9	-18	53	52	6	2	–	8	4	15	–	–	1
Castle Archdale	180	15	64	ir	16·6	-34	54	54	–	2	–	8	8	06	–	–	1
Birr Castle ... •	220	05	35	ir0	18·0	-22	57	54	7	2	–	8	5	25	–	–	0
Collinstown ... •	140	07	81	ir0	20·1	-20	55	54	5	2	–	8	4	35	1	12	1
Rineanna ... •	170	16	81	0/r	17·8	-23	59	56	5	–	–	8	5	40	3	22	1
Valentia ... •	210	18	76	0	18·0	-15	61	58	6	–	–	8	8	11	–	–	1
Midleton ... •	190	05	72	r0r0	20·7	-13	59	54	6	7	–	8	7	80	1	16	1

OBSERVATIONS Tuesday NIGHT

Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h.: Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew ...	bybrmwbc	52	38	TR
London Airport	bbcbbm.	48	41	–
Lympne ...	bcbbwbby	51	46	–
Tangmere ...	bbcy	47	41	–
Calshot ...	bbcc	55	50	–
Boscombe Down	bbwbcwc	46	36	TR
Felixtowe ...	bbm.wbm.b	53	45	–
Gorleston ...	cor.r.orrbz	50	45	1
West Raynham	cpr.bm.b	45	38	TR
Mildenhall ...	bm.bcm.bz.cz.	45	39	–
Cranfield ...	bbm.bcm.wcm.	44	40	–
Elmdon ...	bbm.cm.z.	46	40	–
Wittering ...	bbm.bcb	45	42	–
Watnall ..	bbcir.m.	48	41	TR
Little Rissington	bbcv	50	46	–
Ross-on-Wye	bvbcc	46	•	–
Shawbury ...	bcbcwc	50	43	–
Bristol ...	bwcwc	47	38	TR
Exeter ...	cwbcwcwc	51	41	–
Portland Bill	bcbcc	57	•	–
Plymouth ...	bcbc	52	48	–
Chivenor ...	cvbcvbwcr.r.c	55	47	1
St. Eval ...	bccpr.	63	•	TR
Lizard ...	cr.r.bcr.r.	56 ~~59~~	54	1
Scilly, St. Mary's	cbc	56	•	–
Guernsey ...	c	57	•	–
Aberporth ...	bwbc	51	45	–
Pembroke ...	cvcd.d.ir.	55	47	1
Holyhead (Valley)	bccpr.	63	•	TR
Manchester ...	cr.r.bcr.r.	56 ~~59~~	54	1
Squires Gate...	bccr.c	50	42	TR
Silloth ...	cpr.ir.c	56	55	0·2
Finningley ...	bccbcc	44	36	–
Spurn Head ...	bcz.cm.cd.d.m.	46	40	TR
Loeming ...	bbm.bcm.	53	49	–
Tynemouth ...	bcvbbc	51	42	–
St. Abb's Head	cm.bc	50	47	–
Leuchars ...		47	•	3
Eskdalemuir...		45	43	–
Prestwick ...	bcbcfbcwc	35	30	–
West Freugh...	bcbbwcwc	45	41	–
Ronaldsway ...	cfgwr.r.	47	39	1
Tiree ...		52	44	2
Benbecula ...		47	36	TR
Stornoway ...		47	40	–
Cape Wrath ...	bc	49	47	–
Sule Skerry ...				–
Loch Rannoch		50	49	–
Dyce ...	cpr.bc	45	37	TR
Lossiemouth...	cbcc	41	35	–
Wick ...	cbcc	42	38	–
Lerwick ...	bcbbc	41	30	–
Blacksod Point	rr	55	48	24
Malin Head ...	r	55	•	2
Aldergrove ...	cc.ir.cr.r.m.	49	47	7
Castle Archdale	cercercircd.d.	53	51	21
Birr Castle ... •	rr	55	54	3
Collinstown ... •	cr	54	51	3
Rineanna ... •	dr	56	55	9
Valentia ... •	rr	56	55	6
Midleton ... •	rr	57	55	3

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 21st July 1949 No. 32028

OBSERVATIONS at 12h. G.M.T. 20th July

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Form. Medium. (10)	Form. High. (11)	Total amount. 0-8 (12)	Main layer. Amt. 0-8 (13)	Main layer. Ht. ++ (14)	Lowest layer. Amt. 0-8 (15)	Lowest layer. Ht. ++ (16)
0	Kew ...	290	03	81	c	22.8	-08	69	50	2	7	–	7	7	–	3	25
	London Airport																
1	Lympne ...	250	07	80	c	22.7	-11	69	46	1	7	9	6	4	06	2	30
	Tangmere ...	050	05	81	bc	22.6	+07	69	42	4	–	2	4	6	30	–	–
	Calshot ...	200	11	81	bc	22.7	-08	69	47	1	7	2	5	4	–	2	30
		230	10	48	c	23.4	-07	72	52	2	7	–	7	6	–	2	25
	Boscombe Down	200	05	81	c	23.2	-04	66	47	1	7	–	7	7	–	2	25
2	Felixtowe ...	360	03	80	bc	21.8	-09	71	50	2	–	–	5	5	30	–	–
	Gorleston ...	020	06	64	c	21.6	-04	64	54	2	–	–	6	6	30	–	–
	West Raynham	300	08	80	o	21.6	-05	64	47	8	–	–	8	8	40	3	20
	Mildenhall ..	270	03	80	c	22.0	-08	69	51	8	4	2	7	6	50	3	25
3	Cranfield ...	200	08	81	c	22.0	-10	66	51	8	–	–	7	4	20	–	–
	Elmdon ...	220	05	81	ir.	21.9	-11	66	53	8	1	–	8	8	84	3	20
	Wittering ...	310	09	81	c	22.0	-06	65	54	8	–	–	7	6	40	6	20
	Watnall ...	300	05	40	c	21.8	-09	65	53	1	7	–	7	5	20	–	–
4	Little Rissington	210	10	81	o	22.4	-06	65	50	1	7	–	8	8	83	1	30
	Ross-on-Wye	230	05	64	o	22.8	-07	67	48	8	7	–	8	2	30	–	–
	Shawbury ...	250	10	81	ir.	21.7	-09	63	52	5	7	–	8	5	40	1	20
5	Bristol ...	190	04	82	o	22.9	-08	66	50	1	7	–	8	8	83	2	20
	Exeter ...	190	10	82	c ø	23.5	-07	65	53	1	7	–	8	8	80	1	25
	Portland Bill																
	Plymouth ...	200	05	81	c	23.8	-07	63	56	2	6	–	7	7	80	1	25
	Chivenor ...	200	10	84	o	22.8	-11	66	53	5	7	–	8	8	81	2 ~~20~~	~~20~~ 25
	St. Eval ...	180	09	83	o	23.2	-06	64	56	5	–	–	8	8	16	–	–
	Lizard ...	240	04	82	c	23.5	-05	67	55	8	–	5	6	4	20	–	–
	Scilly, St. Mary's	210	12	83	c	23.1	-14	67	54	8	7	6	7	3	60	2	20
	Guernsey ...	*290	05	83	c	24.3	-05	64	51	1	7	6	7	2	22	–	–
6	Aberporth ...	200	18	82	ir.	21.4	-07	63	56	5	2	–	8	6	60	6	12
7	Pembroke ...	200	18	82	o	21.7	-13	62	51	5	7	–	8	5	12	–	–
8	Holyhead (Valley)	200	17	60	ro	19.8	-05	60	58	7	2	–	8	8	–	3	07
	Manchester ...	180	01	64	ro	21.8	-06	61	57	5	2	–	8	8	80	6	20
	Squires Gate...	230	11	48	r	21.8	-03	60	56	2	2	–	8	8	60	2	16
9	Silloth ...	210	14	40	ro	20.2	-06	58	56	7	–	–	8	8	30	3	07
10	Finningley ...	180	04	24	c	21.4	-09	62	55	5	–	–	7	4	25	–	–
	Spurn Head ...	090	05	32	do	21.7	-06	61	54	7	–	–	8	8	26	–	–
	Leeming ...	200	05	81	pro	20.5	+09	62	54	8	–	–	8	8	50	6	15
	Tynemouth ...	130	05	86	bc	20.7	-07	61	53	5	7	–	5	3	28	–	–
11	St. Abb's Head	130	09	80	bc	19.1	-12	58	50	5	–	–	5	5	35	–	–
	Leuchars ...	150	04	82	o	19.1	-13	63	45	5	7	–	8	8	–	3	30
12	Eskdalemuir...	180	10	82	r	19.6	-08	58	52	8	–	–	8	8	28	–	–
	Prestwick ...	140	11	~~84~~ 64	ro	18.1	-18	58	55	5	2	–	8	8	25	2	16
	West Freugh...	180	12	32	r	18.9	-14	56	56	6	2	–	8	8	12	6	05
	Rosaldsway ...	170	14	32	ro	19.1	-12	57	57	6	–	–	8	6	05	–	–
13A	Tiree ...	130	22	35	do	14.5	-23	57	54	6	2	–	8	6	06	–	–
13B	Benbecula ...	130	25	83	c	13.8	-27	61	50	5	7	–	7	7	80	5	20
	Stornoway ...	160	12	83	c	16.1	-19	61	48	–	5	6	7	7	87	1	81
	Cape Wrath ...	090	19	84	c	16.8	-22	56	48	8	–	5	6	3	20	–	–
14	Sule Skerry ...	130	02	82	c	18.7	-28	55	48	1	–	8	7	1	40	–	–
15	Loch Rannoch	160	12	81	c	19.3	-11	60	45	4	–	7	7	7	85	3	25
	Dyce ...	080	10	83	c	17.7	-15	60	48	1	4	–	6	4	81	3	25
	Lossiemouth...																
	Wick ...	130	11	85	c	19.0	-08	57	47	1	–	8	7	1	25	–	–
16	Lerwick ...	180	04	82	bc	19.7	+03	55	47	5	–	1	4	3	28	–	–
17	Blacksod Point	230	24	69	id.	12.7	+01	63	61	7	–	–	8	8	14	–	–
18	Malin Head ...	160	13	76	o/r	13.0	-16	60	57	6	–	–	8	8	11	–	–
	Aldergrove ...	180	15	06	d.d.	15.5	-22	58	58	6	–	–	8	8	09	4	02
	Castle Archdale	190	13	64	ir.	13.5	-14	60	55	7	–	–	8	8	10	–	–
19	Birr Castle ... *	200	03	50	o/r	16.1	-08	62	61	7	2	–	8	4	25	–	–
	Collinstown ... *	210	17	81	o/r	17.2	-14	62	56	6	7	–	8	5	20	2	12
20	Rineanna ... *	180	17	72	ir.	16.3	-25	63	60	5	2	–	8	5	25	2	10
	Valentia ... *	200	19	72	o/r	17.0	-03	63	60	6	–	–	8	8	05	–	–
	Midleton ... *	200	13	81	o	19.2	-08	64	58	6	7	–	8	7	16	–	–

*Rainfall read at 1800.

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

Stations	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Form. Medium. (26)	Form. High. (27)	Total amount. 0-8 (28)	Main layer. Amt. 0-8 (29)	Main layer. Ht. ++ (30)	Lowest layer. Amt. 0-8 (31)	Lowest layer. Ht. ++ (32)	21 h State of ground (33)
Kew	290	06	81	o	20.9	-07	69	48	5	–	–	8	4	60	1	35	0
London Airport	270	09	81	o	21.3	-06	69	51	4	7	–	8	5	65	4	30	0
Lympne	210	05	64	c	21.8	-04	62	50	5	3	–	7	7	–	2	25	0
Tangmere	240	11	81	c	21.5	-06	67	45	–	7	2	7	7	34	–	–	0
Calshot	250	10	82	c	21.9	-08	66	48	–	7	–	7	7	–	–	–	0
Boscombe Down	270	05	81	~~o~~ c	21.7	-03	66	51	5	–	–	8	8	60	–	–	0
Felixtowe	180	05	80	o	20.8	-05	66	55	5	–	–	8	5	22	–	–	0
Gorleston	310	03	80	c	20.9	-06	63	55	5	7	–	7	7	70	4	40	0
West Raynham	170	03	56	r.r.	20.9	-05	59	57	8	–	–	7	8	60	3	20	1
Mildenhall	–	0	81	o/r	20.6	-08	65	56	5	7	–	8	5	50	1	20	1
Cranfield	260	02	81	ir.	20.6	-05	65	52	–	7	–	8	8	80	–	–	0
Elmdon	210	05	48	ir.	20.5	-07	63	57	5	7	–	7	8	81	5	25	0
Wittering	280	09	81	o/r	20.7	-04	65	52	5	2	–	8	8	83	5	40	1
Watnall	210	03	24	r.r.	20.3	-08	61	56	5	2	–	8	6	20	–	–	1
Little Rissington	270	07	82	o	21.9	-05	62	52	6	2	–	8	8	70	3	45	0
Ross-on-Wye	260	05	81	c	21.6	-07	65	50	5	7	–	7	1	25	–	–	0
Shawbury	250	03	81	r.r.	19.8	-13	63	56	5	7	–	8	4	60	–	–	1
Bristol	280	06	81	o	21.5	-05	65	54	6	7	–	8	7	83	5	30	1
Exeter	130	05	82	c	21.4	-13	64	57	4	3	2	7	6	80	1	25	0
Portland Bill	250	05	81	o	22.4	-09	62	55	5	5	–	8	6	80	2	30	
Plymouth	200	05	81	o	21.5	-16	64	59	1	7	7	8	5	–	1	30	0
Chivenor	270	11	84	o	21.7	-06	64	56	2	3	–	8	8	81	3	25	0
St. Eval	230	10	83	c	21.8	-08	62	57	5	7	–	7	7	–	4	18	0
Lizard	–	0	82	c	21.8	-09	64	57	–	–	5	7	6	20	–	–	0
Scilly, St. Mary's	220	10	83	c	21.2	-12	65	56	5	7	–	7	7	60	1	22	0
Guernsey	360	02	82	c	22.3	-10	62	53	–	7	2	7	–	–	–	–	0
Aberporth	210	10	82	ir.	18.8	~~-22~~ -12	61	56	5	7	–	8	8	–	1	12	1
Pembroke	230	13	82	o	20.1	-12	62	57	2	7	–	8	6	80	2	25	0
Holyhead (Valley)	200	20	40	rr	17.8	-07	60	58	5	–	–	8	8	30	4	06	1
Manchester	180	10	36	r.r.	19.6	-18	60	58	5	2	–	8	6	20	–	–	2
Squires Gate	190	17	32	r.r.	18.7	-18	59	57	7	2	–	8	8	50	2	09	1
Silloth	190	20	16	r.r.	16.7	-21	57	56	7	2	–	8	4	08	–	–	1
Finningley	230	09	24	r.r.	20.0	-11	61	57	7	2	–	8	5	60	2	30	2
Spurn Head	–	0	16	r.r.	20.7	-06	61	58	5	–	–	7	7	20	–	–	2
Leeming	180	06	48	r.r.	18.5	-18	60	57	7	7	–	8	5	20	–	–	1
Tynemouth	230	07	24	o	18.6	-13	60	57	5	–	–	8	8	20	–	–	1
St. Abb's Head	180	13	80	id.	17.0	-13	58	57	5	–	–	7	7	30	–	–	1
Leuchars	160	05	81	o	16.4	-18	61	55	5	2	–	8	8	–	6	25	1
Eskdalemuir	160	11	10	r.r.	16.4	-18	55	54	7	–	–	8	8	02	–	–	1
Prestwick	140	07	15	rr	14.5	-20	59	58	7	2	–	8	8	15	6	08	2
West Freugh	230	14	16	rr	15.0	-18	58	57	–	2	–	8	8	03	–	–	1
Rosaldsway	200	20	48	o/r	15.9	-14	58	56	6	–	–	8	6	03	–	–	1
Tiree	150	17	32	o/d	16.7	-16	57	57	6	–	–	8	8	03	–	–	1
Benbecula	130	24	08	rr	10.5	-15	56	56	7	2	–	8	8	10	6	04	2
Stornoway	130	04	82	o	12.7	-16	59	54	–	7	–	8	5	83	–	–	1
Cape Wrath	090	19	84	c	13.2	-25	62	46	1	3	–	6	3	20	–	–	0
Sule Skerry	130	13	82	c	16.2	-10	59	51	–	4	–	6	6	–	–	–	0
Loch Rannoch	160	15	82	c	17.7	-11	57	50	5	7	7	7	4	83	5	17	1
Dyce	150	15	81	c	14.7	-12	67	48	5	5	–	7	4	30	–	–	1
Lossiemouth																	
Wick	110	13	81	c	16.5	-16	57	47	–	3	2	7	6	–	–	–	0
Lerwick	070	01	82	b	18.4	-07	55	49	5	–	1	2	–	–	–	–	1
Blacksod Point	230	18	56	id.	12.8	+01	61	59	7	–	–	7	7	15	–	–	1
Malin Head	270	02	82	c	12.1	-07	61	59	6	–	–	7	7	21	–	–	0
Aldergrove	200	12	82	c/d	14.2	-07	64	62	6	7	–	7	3	20	5	04	1
Castle Archdale	230	16	82	jp	12.4	-09	68	61	3	7	–	6	4	80	4	15	1
Birr Castle	220	05	35	ir.	14.7	-07	64	63	7	2	–	8	5	25	–	–	1
Collinstown	240	20	82	c	15.3	-15	64	59	8	3	–	7	5	17	–	–	0
Rineanna	210	14	16	d.d.	15.4	-05	64	62	7	2	–	8	7	05	–	–	1
Valentia	210	19	72	o	16.4	-04	62	60	6	–	–	8	8	09	–	–	1
Midleton	200	10	81	o	18.0	-07	63	59	6	–	–	8	8	15	–	–	1

OBSERVATIONS during DAY 20th

Stations	Weather. 09 to 21 h. (34)	Max. Temp. 09h. 21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
Kew	bccycyc	72	6.7	–
London Airport	bcz.cyc	71	*	–
Lympne	bybcycyc	69	9.2	–
Tangmere	bcycyc	70	7.7	–
Calshot	ccycir.bc	72	7.2	TR
Boscombe Down	ccycbc	71	3.9	–
Felixtowe	bcybcyc	72	8.8	–
Gorleston	bcz.bcycyc.	66	9.9	–
West Raynham	bycypr.r.r.cm.	68	6.0	1
Mildenhall	bcycir.c	71	6.8	TR
Cranfield	ccycir.c	68	4.2	TR
Elmdon	ccir.	67		TR
Wittering	bbccir.r.r.m.	59	3.9	0.1
Watnall	cm.opr.r.r.	65	1.4	1
Little Rissington	cpr.c	65	3.0	–
Ross-on-Wye	ccyc	67	0.6	–
Shawbury	cir.rr.ir.r.r.	65	~~1.0~~	1
Bristol	ccc	70	~~0.1~~ 1.1	–
Exeter	ccir.c	67	1.4	–
Portland Bill			•	
Plymouth	c	66	6.6	–
Chivenor	cvir.cv	69	1.6	TR
St. Eval	cir.c	67	3.0	–
Lizard	c	67		–
Scilly, St. Mary's	c	70	7.8	–
Guernsey	bcc	66	9.0	–
Aberporth	cir.cbc	64	0.1	0.3
Pembroke	cpr.	64	0.7	–
Holyhead (Valley)	cr.r.rr.m.	61	0.0	7
Manchester	cir.dr.r.	64	0.7	10
Squires Gate	cr.r.rrr.r.ddm.	62	0.0	11
Silloth	ccr.r.m.crrm	60		12
Finningley	cd.d.r.m.	65	1.2	6
Spurn Head	d.d.om.r.r.om.od.d.m.	67	5.2	TR
Leeming	cbcccpr.cr.r.m.	65	3.6	6
Tynemouth	bcor.r.orrm.	61		3
St. Abb's Head	bccid.cir.m.	61	•	0.6
Leuchars	cir.cr.r.c	63	4.8	0.2
Eskdalemuir	bccr.r.m.	60	1.8	11
Prestwick	cr.r.d.rrrid.c	62	0.0	9
West Freugh	crrmddr.r.cm.	58	•	0.3
Rosaldsway	cr.rrc	58	0.0	22
Tiree	corrd.d.	58	0.0	7
Benbecula	cir.crrmod.d.m.	61	0.4	2
Stornoway	cyir.	65	6.6	0.3
Cape Wrath	c	63	•	–
Sule Skerry		60	•	–
Loch Rannoch	bcccir.	61	10.0	TR
Dyce	cr.r.	70	8.3	TR
Lossiemouth				
Wick	cbc	60	13.9	–
Lerwick	bcbbc	58	16.0	–
Blacksod Point	cd	64	1.8	3
Malin Head	rc	65		11
Aldergrove	cr.r.m.d.d.moc	64	~~0.0~~ 2.4	11
Castle Archdale	cr.r.c	68		3
Birr Castle	rr	65	0.0	7
Collinstown	rc	65	1.5	4
Rineanna	rr	65	0.0	5
Valentia	r	64	0.0	1
Midleton	rr	66	0.0	1

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet

* Information not usually received.

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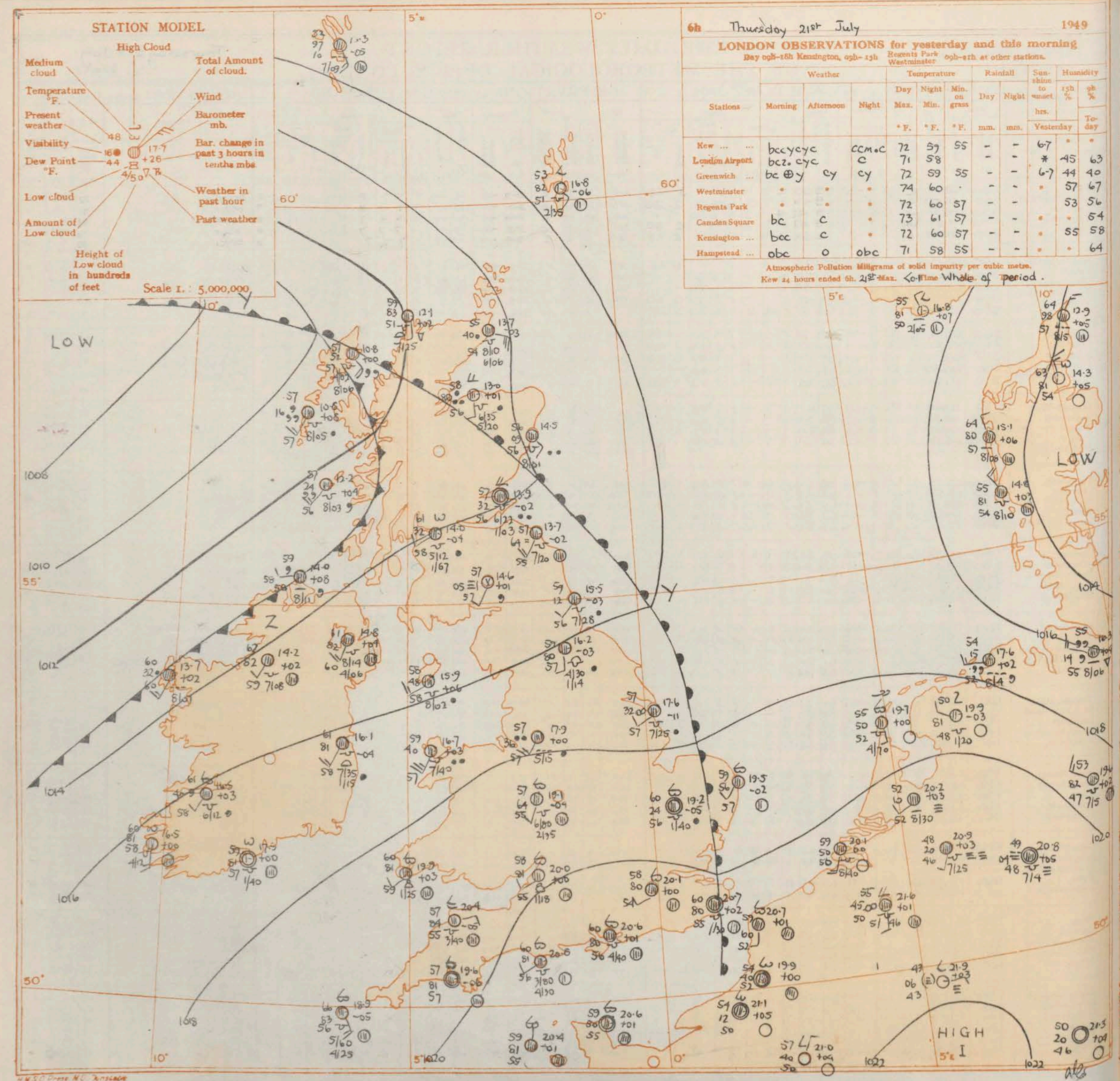
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



6h Thursday 21st July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–27h at other stations.

Stations	Weather: Morning	Weather: Afternoon	Weather: Night	Temperature: Day Max. °F.	Temperature: Night Min. °F.	Temperature: Min. on grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Yesterday	Humidity 9h % To-day
Kew	bccycyc		ccm.c	72	59	55	–	–	6·7	•	•	
London Airport	bcz. cyc		c	71	58		–	–	*	45	63	
Greenwich ...	bc ⊕ y	cy	cy	72	59	55	–	–	6·7	44	40	
Westminster	•	•	•	74	60	·	–	–	•	57	67	
Regents Park	•	•	•	72	60	57	–	–		53	56	
Camden Square	bc	c	•	73	61	57	–	–	•	•	54	
Kensington ...	boc	c	•	72	60	57	–	–	•	55	58	
Hampstead ...	obc	o	obc	71	58	55	–	–	•	•	64	

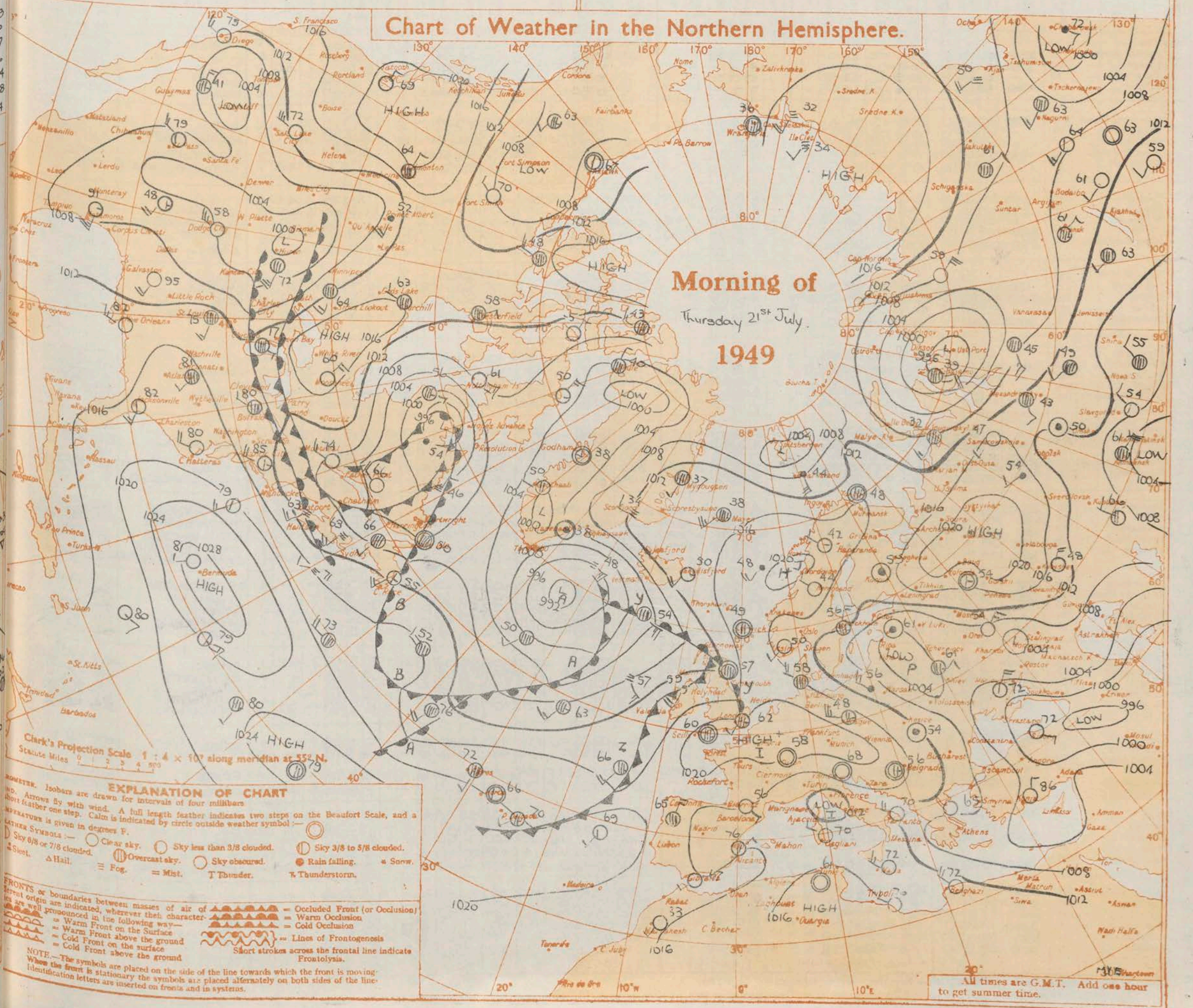
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 21st Max. <0·1 Time Whole of period.

GENERAL INFERENCE

An anticyclone is centred over northeast France. Weather will be fair and warm in most districts though there will be a good deal of cloud in many Midland and northern areas at first with some local rain. There is a chance of local thundery showers in the Midlands and East this afternoon.

FURTHER OUTLOOK

Probably fair and warm in most places but it may be thundery locally.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 21st July 1949

No. 32018.

OBSERVATIONS at 00hr G.M.T. 21st July

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt 0-8 (31)	Cloud: Lowest layer: Ht. (32)
0	Kew	18	•	•	•	•	•	•	61	•	•	•	•	•	•	•		
	London Airport	82	230	05	80	c	203	-05	62	51	–	7	–	7	7	80	–	–
1	Lympne	341	250	01	64	bc	209	-04	58	51	–	7	–	4	4	–	–	–
	Tangmere	53	–	0	80	b	209	-03	53	49	–	–	–	0	0	0	–	–
	Calshot	8	260	02	81	c	206	-08	60	53	–	7	–	7	7	–	–	–
	Boscombe Down	414	190	03	64	c	208	-13	56	51	–	7	–	7	7	80	–	–
2	Felixtowe	10	–	0	64	0	196	-08	63	57	5	–	–	8	7	55	–	–
	Gorleston	5	–	0	56	0	198	-07	60	55	–	2	–	8	8	–	–	–
	West Raynham	250	170	07	12	rro	196	-04	57	53	5	–	–	8	8	38	–	–
	Mildenhall	15	–	0	48	rro	197	-02	60	57	5	7	–	8	5	40	–	–
3	Cranfield	340	210	05	80	0	198	-04	59	53	–	7	–	8	8	84	–	–
	Elmdon	328	270	05	80	0	198	+02	59	55	–	7	–	8	8	80	–	–
	Wittering	236		0	32	rro	197	+02	58	55	5		–	8	8	70	1	45
	Watnall	366	230	04	16	0	193	-01	57	55	6	2	–	8	8	58	4	30
4	Little Rissington	740	270	02	81	0	202	-05	58	52	5	–	–	8	8	25	–	–
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury	235	180	02	81	rro	188	-02	57	56	5	2	–	8	6	50	–	–
5	Bristol	209	200	06	80	0	206	-01	59	53	5	7	–	8	6	27	–	–
	Exeter	100	–	0	80	c	204	-01	59	56	–	7	–	7	7	84	–	–
	Portland Bill	32	250	05	81	0	212	-04	61	53	5	–	–	8	8	20	–	–
	Plymouth	90	–	0	81	c	208	-05	60	58	1	7	–	7	7	83	1	15
	Chivenor	20	180	04	84	0	205	-04	59	55	5	7	–	8	8	30	–	–
	St. Eval	396	–	0	83	0	207	-09	58	56	5	7	–	8	8	84	3	25
	Lizard	240	–	0	72	bc	206	-06	59	57	8	7	–	5	5	20	–	–
	Scilly, St. Mary's	163	–	0	83	c	203	-04	60	55	5	–	–	7	7	25	–	–
	Guernsey	340	–	0	82	bc	212	-05	57	53	–	7	1	5	4	–	–	–
	Aberporth	375	190	05	80	bc	188	-06	57	56	5	7	–	3	3	40	–	–
6	Pembroke	142	230	10	82	0	193	-08	61	59	2	7	–	8	7	25	–	–
7	Holyhead (Valley)	32	200	22	08	lr	196	-07	59	58	6	7	–	8	8	11	2	06
8	Manchester	230	180	09	32	0	182	+06	57	57	7	–	–	8	5	12	–	–
	Squires Gate	33	200	13	16	dodo	175	-06	59	56	7	2	–	8	8	12	4	06
	Silloth	25	210	14	16	rorro	152	+00	58	58	5	–	–	8	8	06	1	04
9	Finningley	52	180	10	14	0lr	186	-03	58	56	7	2	–	8	8	54	2	25
10	Spurn Head	29	180	08	16	rorro	199	+08	60	60	7	–	–	8	8	10	–	–
	Leeming	105	180	03	14	rorro	170	-09	57	56	5	–	–	8	8	17	–	–
	Tynemouth	108	180	07	12	rr	164	-12	57	57	6	–	–	8	8	16	–	–
11	St. Abb's Head	280	180	13	48	rro	140	-14	56	54	6	–	–	8	8	14	–	–
	Leuchars	36	–	0	80	0	149	-05	57	56	5	–	–	8	8	30	–	–
12	Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick	30	140	07	80	0	138	-02	60	58	7	–	–	8	7	20	1	12
	West Freugh	52	230	11	64	c	148	-01	58	57	6	–	–	7	7	20	2	06
	Ronaldsway	55	200	15	20	rorro	153	+00	58	57	6	–	–	8	8	15	5	04
13A	Tiree	29	200	10	40	cco	118	+02	57	57	6	–	–	8	8	10	5	04
13B	Benbecula	16	170	10	09	dodo	100	+00	57	57	6	–	–	8	8	04	–	–
	Stornoway	10	130	07	56	rorro	112	-03	57	55	5	2	–	8	6	30	–	–
	Cape Wrath	367	130	09	83	c	119	-03	60	50	5	–	–	7	7	20	–	–
	Sule Skerry	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce	234	170	10	24	rro	154	-09	56	55	7	2	–	8	8	06	5	05
	Lossiemouth	21	130	08	81	c	135	-01	57	53	5	2	–	6	5	30	–	–
	Wick	119	110	16	80	rro	146	-10	55	52	6	–	–	8	8	10	–	–
16	Lerwick	269	–	0	82	bc	175	-02	48	48	5	4	5	4	2	15	–	–
17	Blacksod Point	18	250	13	58	cdo	153	+02	55	53	7	–	–	8	8	11	–	–
18	Malin Head	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove	220	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
			200	10	82	bc	140	+00	60	60	6	3	1	5	2	40	2	08
	Castle Archdale	225	200	05	82	c	136	+07	61	59	5	–	–	7	7	15	–	–
19	Birr Castle *	187	220	09	50	0	150	+01	61	60	7	2	–	8	5	25	–	–
	Colbinstown *	226	240	17	80	pro	156	+04	62	59	9	–	–	8	5	08	–	–
	Rineanna *	10	200	10	80	0	160	+02	63	60	6	–	–	8	6	13	2	10
20	Valentia *	30	180	10	70	dlr	168	+04	61	60	6	–	–	8	8	08	–	–
	Midleton *	30	210	09	81	c	178	-02	61	58	6	3	–	7	6	15	–	–

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 21st July

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt 0-8 (31)	Cloud: Lowest layer: Ht. (32)	9 h. State of ground (33)
Kew	250	02	30	c	205	-02	60	52	5	3	1	7	5	31	–	–	0
London Airport	220	05	80	c	201	-00	58	54	–	7	–	6	6	80	–	–	0
Lympne	–	0	80	0	207	+02	60	55	5	7	–	8	8	–	1	30	0
Tangmere	–	0	81	c	207	+03	57	54	–	7	–	7	5	65	–	–	0
Calshot	–	0	80	c	206	+01	66	56	5	7	–	7	4	40	–	–	0
Boscombe Down	–	0	80	c	206	-00	55	54	–	7	–	7	7	–	–	–	0
Felixtowe	–	0	48	c	195	+00	62	57	–	7	–	7	7	80	–	–	0
Gorleston	230	03	56	c	195	-01	59	57	–	7	–	7	7	81	–	–	1
West Raynham	230	05	56	c	190	-02	58	56	–	7	–	7	7	–	–	–	2
Mildenhall	–	0	24	c	192	-05	60	56	5	7	–	7	7	–	1	40	1
Cranfield	200	02	81	c	192	+00	58	53	5	7	–	7	7	83	2	45	0
Elmdon	210	05	64	c	191	-04	57	55	5	7	–	6	6	80	2	35	0
Wittering	240	04	32	rovo	190	-04	58	56	5	7	–	7	7	82	3	60	1
Watnall	240	06	16	rovo	182	-05	57	56	7	2	–	8	8	50	4	23	2
Little Rissington	–	0	80	c	196	+00	57	55	–	7	–	6	6	83	–	–	0
Ross-on-Wye	200	08	64	c	202	+00	59	55	–	7	–	7	–	–	–	–	0
Shawbury	200	08	81	c/r	182	-02	58	55	5	7	–	7	7	40	4	20	1
Bristol	230	06	81	c	200	+00	58	55	2	7	1	7	6	83	1	18	0
Exeter	–	0	72	c	204	+02	56	55	–	7	–	7	7	80	–	–	0
Portland Bill	230	02	81	c	208	–	60	56	5	7	–	7	3	80	4	30	
Plymouth	–	0	81	c	196	-06	57	57	–	7	–	7	7	70	–	–	0
Chivenor	100	06	84	c	204	-05	57	56	5	5	–	6	6	83	3	40	0
St. Eval	170	04	83	c	197	-02	58	56	–	7	–	7	7	–	–	–	0
Lizard	–	0	82	c	194	-06	59	56	6	8	–	6	7	49	3	20	0
Scilly, St. Mary's	160	07	83	c	189	-05	60	56	5	7	–	7	7	66	4	25	0
Guernsey	–	0	81	c	204	-01	59	55	–	7	9	7	5	–	–	–	0
Aberporth	200	03	81	c	189	+03	58	58	5	7	–	6	1	15	–	–	0
Pembroke	230	06	82	c	192	-01	60	57	2	7	–	6	4	80	2	20	0
Holyhead (Valley)	220	17	40	c/r	167	+02	59	57	5	7	–	7	7	40	–	–	1
Manchester	190	16	36	rro	179	+00	57	57	7	–	–	8	5	15	–	–	2
Squires Gate	250	21	24	cdo	169	+02	60	59	6	–	–	8	4	02	–	–	1
Silloth	220	10	24	0	153	+04	59	59	6	–	–	8	8	10	–	–	1
Finningley	200	11	14	rorro	177	+00	57	55	5	7	–	8	5	30	–	–	2
Spurn Head	230	06	32	c	176	-11	57	57	5	–	–	7	7	25	–	–	1
Leeming	180	04	80	c	162	-03	58	57	7	–	–	7	7	–	4	30	1
Tynemouth	230	06	12	c	155	-03	59	56	5	–	–	7	7	28	–	–	1
St. Abb's Head	230	13	64	c	137	-02	57	55	5	–	–	7	7	20	–	–	1
Leuchars	–	03	20	lr	138	-02	57	56	6	2	–	8	6	22	1	03	1
Eskdalemuir	190	04	05	op	146	+01	57	57	–	–	–	99	–	–	–	–	1
Prestwick	220	10	80	c	142	+06	61	58	7	3	–	7	5	20	1	10	1
West Freugh	–	08	80	c	152	+05	59	57	5	3	–	7	5	18	3	10	1
Ronaldsway	240	09	48	0	159	+06	58	58	6	–	–	8	8	02	–	–	1
Tiree	210	10	24	dodo	122	+04	57	56	0	–	–	8	8	03	–	–	1
Benbecula	200	10	16	cci	108	+08	57	57	6	–	–	8	8	05	–	–	1
Stornoway	170	13	32	o/d	108	+00	57	57	6	–	–	8	8	06	4	02	2
Cape Wrath	180	02	83	c	121	+02	59	51	8	–	–	7	7	25	–	–	1
Sule Skerry	130	19	80	0	123	-05	55	53	5	–	–	8	8	10	–	–	0
Loch Rannoch																	
Dyce	140	06	09	0lr	145	-04	56	56	6	–	–	8	8	01	–	–	1
Lossiemouth	180	03	80	lr	130	+01	58	56	6	2	–	7	6	35	5	20	1
Wick	120	18	40	rro	137	-03	55	54	6	3	–	8	8	10	6	06	0
Lerwick	150	06	82	bc	168	-06	53	51	5	4	4	5	2	35	–	–	0
Blacksod Point	250	07	32	cdo	137	+02	60	60	7	–	–	8	8	07	–	–	1
Malin Head	270	05	58	cdo	140	+08	58	58	6	–	–	8	8	11	–	–	1
Aldergrove	200	10	82	0	148	+04	60	60	6	–	–	8	8	14	4	06	1
Castle Archdale	250	05	82	c	142	+02	62	59	6	–	–	7	7	08	–	–	
Birr Castle	220	05	50	0	155	+04	60	58	6	–	–	8	8	30	–	–	1
Colbinstown	240	10	81	0	161	+04	61	58	8	–	–	8	7	35	1	15	1
Rineanna	230	06	40	cdo	165	+03	61	58	6	7	–	8	6	12	–	–	1
Valentia	180	08	81	c	165	+00	60	58	6	5	–	6	4	12	–	–	1
Midleton	–	0	81	bc	175	+00	59	57	5	3	–	3	1	40	–	–	1

OBSERVATIONS Wednesday NIGHT

Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h.: Min. °F. (39)	Temperature 21 h.-09 h.: Min. on Grass °F. (40)	Rain mm. (41)
Kew	ccmoc	59	55	–
London Airport	c	58		–
Lympne	c	57	51	
Tangmere	bc	52	47	–
Calshot	bcc	59	55	–
Boscombe Down	bcc	53	47	–
Felixtowe	ccrovocrvocmocy	60	58	0.1
Gorleston	oorrmocmo	58	57	1
West Raynham	crovocborrmo	55	52	3
Mildenhall	ccrovomocmocrro	58	57	1
Cranfield		57	55	–
Elmdon	crocisc	56	54	Tr
Wittering	crocidocromo	56	55	0.2
Watnall	corrmo	55	54	9
Little Rissington	crro	56	53	Tr
Ross-on-Wye	cc	57		–
Shawbury	crorrbc	57	55	3
Bristol	coc	57	53	–
Exeter	cwfgwcwc	56	52	–
Portland Bill				
Plymouth	c	57	55	–
Chivenor	cvcvwbcc	57	53	–
St. Eval	c	57	53	–
Lizard	cbcc	57		–
Scilly, St. Mary's	cbc	58		–
Guernsey	cmo	56	51	–
Aberporth	bcdoccvc	55	51	Tr
Pembroke	cbc	60		–
Holyhead (Valley)	crrmoc	59	58	13
Manchester	crovoovrdodoo	57	56	9
Squires Gate	ccldvrovmovr	58	57	10
Silloth	crrmomocmo	58	57	0.2
Finningley	crovomocrovo	56	54	7
Spurn Head	omovovocomo	57		3
Leeming	crrmocmocrovrcmo	56	56	1
Tynemouth	ovrmoomocmo	57	56	2
St. Abb's Head	crvomocmo	53		3
Leuchars	crovomo	56	55	6
Eskdalemuir	orovododo	55	54	2
Prestwick	ccundc	60	58	Tr
West Freugh	cmoc	57	53	0.3
Ronaldsway	ccrocrc	58	57	1
Tiree	cdocdc	56	56	2
Benbecula	odoodoom	57	56	5
Stornoway	crrdodoc	56	55	2
Cape Wrath	prco	54	53	0.6
Sule Skerry		53	52	–
Loch Rannoch				
Dyce	crrm	55	54	1
Lossiemouth	crrc	55	54	5
Wick	cmmromo	55	52	Tr
Lerwick	bc	49	33	–
Blacksod Point	dr	58	51	0.4
Malin Head	d	57		0.1
Aldergrove	ccundc	61	56	Tr
Castle Archdale				
Birr Castle	r	60	59	Tr
Colbinstown	prr	61	60	
Rineanna	rd	60	59	2
Valentia	rc	59	57	0.5
Midleton	c	58	54	–

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 22nd July 1949

No. 32019

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer Ht. ++ (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer Ht. ++ (16)
0	Kew	250	04	81	c	19.7	-07	70	47	5	7	1	6	4	55	-	-
	London Airport	260	13	81	c	19.7	-06	72	50	2	7	3	6	5	83	1	26
1	Lympne	200	08	81	bc	20.2	-03	69	46	-	3	9	5	3	-	-	-
	Tangmere	230	11	81	c	20.4	-01	69	51	-	7	-	7	7	81	-	-
	Calshot	240	06	82	c	20.5	-03	70	50	-	3	-	7	7	-	-	-
	Boscombe Down	250	03	81	c	20.1	-04	71	52	-	7	8	6	6	-	-	-
2	Felixtowe	180	12	64	c	19.2	-05	71	53	5	-	-	7	7	55	-	-
	Gorleston	200	09	48	c	19.5	+01	66	59	2	7	-	7	4	30	-	-
	West Raynham	250	12	48	c	18.9	-02	67	57	5	7	-	7	7	80	2	20
	Mildenhall	280	04	80	c	17.0	-02	70	54	-	7	-	7	7	-	-	-
	Cranfield	250	03	81	bc	18.6	-05	72	55	1	3	9	5	4	84	1	14
3	Elmdon	200	08	80	c	19.1	+00	68	57	1	3	1	6	6	65	1	25
	Wittering	250	10	80	if.	19.0	-03	67	57	5	7	-	7	7	83	2	30
	Watnall	260	09	40	c	19.0	-00	67	59	8	3	9	6	4	25	-	-
4	Little Rissington	250	06	82	c	19.5	-06	68	53	2	7	-	7	7	81	2	30
	Ross-on-Wye	260	04	64	bc	19.8	+00	71	52	2	9	-	4	2	30	-	-
	Shawbury	230	15	82	c	18.9	+02	71	55	1	7	9	7	6	81	3	30
5	Bristol	250	03	82	bc	19.9	+00	72	56	1	3	-	4	2	-	2	25
	Exeter	180	08	82	c	20.4	+02	69	58	1	3	8	7	5	80	1	25
	Portland Bill																
	Plymouth	230	08	81	bc	20.0	-00	67	57	2	7	2	4	1	70	1	25
	Chivenor	270	09	83	c	20.2	+03	70	57	5	3	-	7	7	83	2	25
	St. Eval	160	03	83	c	19.6	-03	69	55	1	3	7	7	1	-	1	25
	Lizard	150	08	82	c	19.8	-01	68	58	-	9	-	6	6	98	-	-
	Scilly, St. Mary's	130	10	83	bc	19.0	-02	68	59	-	7	-	5	5	60	-	-
	Guernsey	150	04	69	c	20.3	+00	68	54	-	4	9	6	1	-	-	-
	Aberporth	290	10	84	bc	19.1	+01	67	59	1	3	1	4	4	14	-	-
6	Pembroke	210	25	82	bc	20.0	+09	65	60	2	3	-	5	3	80	2	20
7	Holyhead (Valley)	200	17	82	c	18.5	+09	64	59	5	3	-	7	7	-	2	40
8	Manchester	250	09	48	c	18.7	+03	66	61	7	-	-	7	7	30	5	15
	Squires Gate	250	17	81	c	18.5	+08	64	59	5	3	-	7	6	25	1	2
	Silloth	230	13	48	o	16.8	+08	63	60	7	-	-	8	8	25	4	06
9	Finningley	270	05	20	if.	18.3	+04	66	60	5	7	-	8	4	30	-	-
10	Sparn Head	230	08	24	c	17.7	-06	67	60	5	-	-	7	7	25	-	-
	Leeming	250	07	84	c	17.0	+06	69	61	8	-	-	7	7	35	5	20
	Tynemouth	270	09	24	c	16.4	+05	69	60	5	-	-	7	7	28	-	-
11	St. Abb's Head	-	0	32	c	15.4	+07	62	59	6	-	-	7	7	12	-	-
	Leuchars	250	06	81	id.	14.7	+02	65	58	6	7	-	7	7	80	4	28
12	Eskdalemuir	210	07	82	d.d.	15.7	+06	63	59	7	-	-	8	7	12	-	-
	Prestwick	240	11	82	c	16.5	+07	67	60	8	-	-	7	7	38	2	20
	West Freugh	230	06	81	c	17.2	+07	63	61	5	-	-	7	7	50	2	18
	Rosaldsway	230	10	80	o	17.8	+09	61	58	6	-	-	8	8	12	1	08
13A	Tiree	240	12	81	c	15.1	+15	61	54	8	-	-	7	7	28	1	12
13B	Benbecula	220	10	81	c	13.5	+15	60	56	5	7	1	7	6	25	1	08
	Stornoway	180	13	81	o	12.9	+09	60	58	5	7	-	8	5	18	3	09
	Cape Wrath	180	02	82	o	14.3	+15	59	55	5	-	-	8	8	25	-	-
	Sule Skerry	130	13	64	o	13.9	+10	57	55	6	-	-	8	8	10	-	-
14	Loch Rannoch																
15	Dyce	170	06	24	o/r	14.7	+01	59	58	7	2	-	8	8	25	6	08
	Lossiemouth	040	08	81	if.	13.6	+04	66	56	1	7	-	7	4	30	-	-
	Wick	130	10	02	o/f	14.7	+04	56	56	-	-	-	9	9	0	-	-
16	Lerwick	080	10	82	bc	16.8	+01	58	50	6	7	4	5	5	85	-	-
17	Blacksod Point	220	09	76	c	16.1	+10	63	60	8	-	1	6	4	21	-	-
18	Malin Head	270	05	82	c	15.3	+12	64	60	8	-	-	7	7	21	-	-
	Aldergrove	220	11	81	c	16.4	+08	68	63	5	7	-	7	5	30	2	18
	Castle Archdale	250	08	81	id.	16.2	+12	63	63	6	-	-	8	8	11	-	-
19	Birr Castle *	220	05	81	o	16.9	+03	68	58	4	1	-	8	6	35	-	-
	Collinstown *	260	11	83	c	17.4	+05	67	60	8	-	-	7	6	20	-	-
	Rineanna *	150	09	83	c	16.9	-04	70	58	8	3	-	6	3	28	-	-
20	Valentia *	180	12	82	c	16.5	+01	68	58	8	-	-	7	4	36	3	25
	Midleton *	190	10	82	c	18.3	+02	67	57	2	3	-	7	5	85	3	24

* Rainfall read at 1800.

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

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. ++ (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer Ht. ++ (32)	21h State of ground (33)	Weather 09 to 21 h. (34)	Max. Temp. 00h. 21h. °F (35)	Sunshine (36)	Rain 00h.-21h. mm. (37)
Kew	230	08	81	b	18.7	-08	76	50	5	-	1	2	1	61	-	-	0	cybcyby	78	7.5	-
London Airport	240	09	83	bc	18.6	-08	77	51	1	7	-	3	2	-	1	25	0	cbcvby	78	*	-
Lympne	-	0	81	c	19.6	-05	66	53	-	7	-	6	6	-	-	-	0	bcycyb	73	5.8	-
Tangmere	240	06	81	bc	19.6	-05	68	51	-	7	-	3	2	-	-	-	0	cybcyc	74	4.7	-
Calshot	270	06	81	c	19.9	-03	67	52	-	7	-	7	7	-	-	-	0	ccyc	73	2.6	-
Boscombe Down	210	07	82	c	19.6	+00	70	54	-	3	-	7	7	-	-	-	0	cbcycyc	78	7.0	-
Felixtowe	150	01	81	c	18.5	-02	71	54	5	7	2	62	6	50	-	-	0	cycbcycy	78	5.8	-
Gorleston	050	05	48	pr.	18.9	xx	68	59	-	7	-	7	7	68	-	-	1	cm.crrm.cprcm.	73	0.5	0.6
West Raynham	050	05	64	c	18.5	-06	68	61	-	8	-	7	7	-	-	-	1	cir.m.ir.c	70	0.6	TR
Mildenhall	-	0	82	c	18.2	-07	75	60	5	3	-	7	7	-	1	50	0	cir.cypr.cbc	76	2.3	TR
Cranfield	260	07	81	bc	18.1	-02	75	54	4	3	-	4	4	85	1	40	0	cbcby	77	12.8	-
Elmdon	220	08	82	b	18.2	-02	72	56	1	-	-	2	1	35	-	-	0	bccbcybc	75	*	-
Wittering	260	08	80	bc	18.1	-01	75	58	2	4	-	5	3	30	-	-	1	cirom.bcybcm.	76	6.5	TR
Watnall	230	05	81	bc	18.0	-03	74	59	2	4	2	5	2	20	-	-	0	cz.cbc.	75	6.0	1.0
Little Rissington	290	08	82	bc	19.2	+04	72	50	-	3	2	3	1	85	-	-	0	cbcybc	74	11.4	-
Ross-on-Wye	250	10	81	b	18.8	+00	73	48	5	3	1	2	1	35	-	-	0	ccbcybc	76	8.2	-
Shawbury	290	08	82	bc	18.3	-06	74	51	8	3	2	5	3	35	1	30	0	~~cbcybc~~ cybcybc.	75	9.0	-
Bristol	270	05	82	c	19.2	+02	71	60	-	3	-	7	7	80	-	-	0	cbcycbc	79	6.2	-
Exeter	170	05	82	bc	19.3	-07	68	58	1	3	-	4	1	25	-	-	0	cbcb	71	4.1	-
Portland Bill																	0	occ	59	•	
Plymouth	270	02	82	b	18.8	-08	69	61	2	3	-	2	1	-	-	-	0	cbcbcyb	73	9.1	-
Chivenor	-	0	82	c	19.0	-06	71	60	2	3	-	6	4	83	1	25	0	cybcybcb	75	6.9	-
St. Eval	170	08	82	b	18.7	-05	70	54	-	3	9m	1	1	-	-	-	0	ccybyb	73	8.7	-
Lizard	150	04	80	b	19.2	-04	66	62	-	-	-	0	0	0	-	-	0	bcb	70	*	-
Scilly, St. Mary's	150	06	82	bc	18.5	-02	66	59	1	-	-	3	3	25	-	-	0	bc	73	10.3	-
Guernsey	070	10	81	bc	18.9	-11	69	53	-	4	2	3	2	-	-	-	0	cbcbbc	75	6.0	-
Aberporth	030	01	84	c	19.3	-05	63	58	-	3	-	7	7	-	-	-	0	cbcc	68	8.1	-
Pembroke	-	0	82	bc	19.6	+00	65	60	1	-	5	4	1	25	-	-	0	bc	67	8.5	-
Holyhead (Valley)	240	11	83	c	18.6	+01	63	58	1	-	2	6	1	35	-	-	0	cbbvcv	66	7.1	-
Manchester	350	07	48	bc	18.6	+00	69	59	4	7	-	5	2	35	-	-	1	oro.cbc	71	2.2	0.3
Squires Gate	300	10	83	bc	18.8	-02	66	58	8	3	1	5	3	50	1	25	0	cr.r.m.bcm.b	67	3.9	0.4
Silloth	230	02	72	c	17.8	+07	62	58	5	7	-	7	4	20	1	15	1	cid.m.c	69	*	TR
Finningley	340	10	32	c	18.3	+03	70	60	-	7	2	6	5	-	-	-	0	cid.cz.cm.	71	2.9	0.1
Sparn Head	290	06	20	c	17.9	+02	67	63	1	-	-	6	6	25	-	-	0	cm.	70	2.5	-
Leeming	250	13	80	c	18.2	+06	66	60	5	4	9	7	4	50	2	15	0	c	72	3.3	-
Tynemouth	270	09	80	c	16.7	+02	72	61	8	-	-	6	6	28	-	-	0	cm.c	75		-
St. Abb's Head	270	05	80	bc	15.5	+00	68	58	5	-	-	5	5	30	-	-	0	cm.cbc	69	•	-
Leuchars	100	01	82	c	15.6	+04	69	59	8	4	6	6	1	80	1	25	1	cid.c	70	2.5	TR
Eskdalemuir	200	08	81	o	17.0	+07	64	59	8	6	-	8	7	15	-	-	1	cd.cpr.c	67	1.3	3
Prestwick	270	10	81	c	17.4	+04	63	59	8	-	-	7	5	22	1	14	1	ccpr.c	68	6.0	TR
West Freugh	230	06	80	o	17.7	+00	62	59	8	7	-	8	4	50	3	20	1	cpr.c	68		2
Rosaldsway	230	12	81	bc	18.4	+01	61	57	6	3	6	5	1	15	-	-	0	cbc	62	2.5	-
Tiree	200	10	14	d.d.	16.8	+05	60	60	6	-	-	8	8	03	-	-	1	cid.od.d.c	63	1.9	1
Benbecula	200	14	24	id.	15.1	+09	60	59	6	-	-	8	8	03	-	-	1	od.d.of	61	1.5	0.4
Stornoway	180	12	81	o	15.2	+07	60	57	5	7	-	8	8	81	3	10	1	cd.d.id.c	63	0.0	TR
Cape Wrath	230	13	83	c	15.4	+06	56	54	5	-	-	7	7	20	-	-	0	oco	60	•	-
Sule Skerry	200	32	64	•	15.1	+06	57	57	6	-	-	8	8	10	-	-	1		58	*	TR
Loch Rannoch																					
Dyce	350	02	80	o	15.8	+09	61	58	8	7	-	8	4	35	1	15	1	cr.m.cpr.c	65	0.1	1
Lossiemouth	270	14	81	c/r	15.4	+05	63	58	8	7	-	7	3	35	1	20	1	cir.c	73	0.5	TR
Wick	140	02	02	f	15.5	+04	56	55	6	-	-	8	8	01	-	-	0	orrfof	58	0.0	0.1
Lerwick	-	0	81	bc	16.5	+02	55	51	5	-	-	5	5	18	-	-	1	bcb	59	12.3	-
Blacksod Point	220	07	81	bc	16.4	-00	65	58	8	-	-	4	4	25	-	-	0	cbc	66	7.5	0.1
Malin Head	290	05	82	c	17.1	+05	63	58	5	3	-	6	4	26	2	13	0	cc	66	*	TR
Aldergrove	230	06	82	c	17.1	+01	69	62	8	7	-	7	6	40	2	25	1	c	72	1.5	-
Castle Archdale	-	0	83	c	16.8	+01	64	62	6	-	6	7	6	30	1	20	1	ccid.cbc	66	1.9	1
Birr Castle *	220	09	87	c	16.7	-01	70	56	4	-	8	7	4	35	-	-	1	cc	72	4.8	-
Collinstown *	140	02	84	c	17.1	-03	69	61	3	-	6	7	4	22	-	-	0	cpr	74	3.8	TR
Rineanna *	160	11	83	c	16.6	-05	69	57	8	3	2	6	2	28	-	-	0	dc	72	6.2	0.1
Valentia *	180	10	82	c	16.2	-05	66	58	8	-	-	7	4	45	3	28	1	cc	70	7.1	-
Midleton *	190	10	82	c	17.9	-03	65	59	2	3	-	7	5	84	2	25	1	prc	70	7.0	TR.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet

* Information not usually received.

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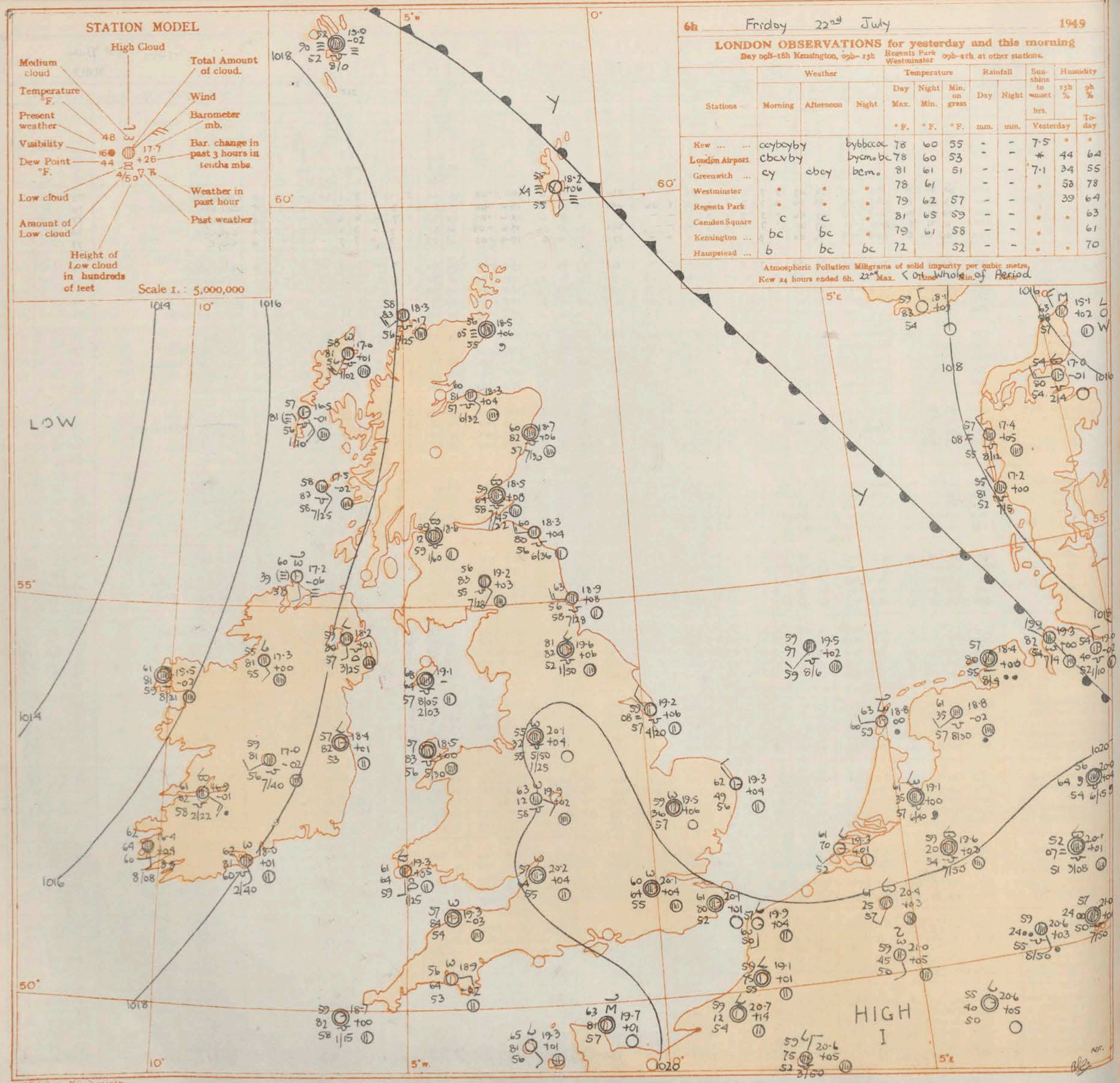

STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in tenths mbs
Dew Point °F.
Weather in past hour
Low cloud
Past weather
Amount of Low cloud
Height of Low cloud in hundreds of feet
Scale 1. : 5,000,000
6h Friday 22nd July 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–13h Regents Park Westminster 09h–17h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min. °F., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 13h %, 9h % Today
Kew ... ... | ccybcyby | bybbccoc | 78 | 60 | 55 | - | - | 7·5 | • | •
London Airport | cbcvby | bycmobc | 78 | 60 | 53 | - | - | * | 44 | 64
Greenwich ... | cy | cbcy | bcmo | 81 | 61 | 51 | - | - | 7·1 | 34 | 55
Westminster | • | • | • | 78 | 61 | | - | - | • | 53 | 78
Regents Park | • | • | • | 79 | 62 | 57 | - | - | | 39 | 64
Camden Square | c | c | • | 81 | 65 | 59 | - | - | • | • | 63
Kensington ... | bc | bc | • | 79 | 61 | 58 | - | - | • | | 61
Hampstead ... | b | bc | bc | 72 | | 52 | - | - | • | • | 70
Atmospheric Pollution Milligrams of solid impurity per cubic metre, Kew 24 hours ended 6h. 22nd Max. < Min. Whole Period
LOW
HIGH
I
Y
Y

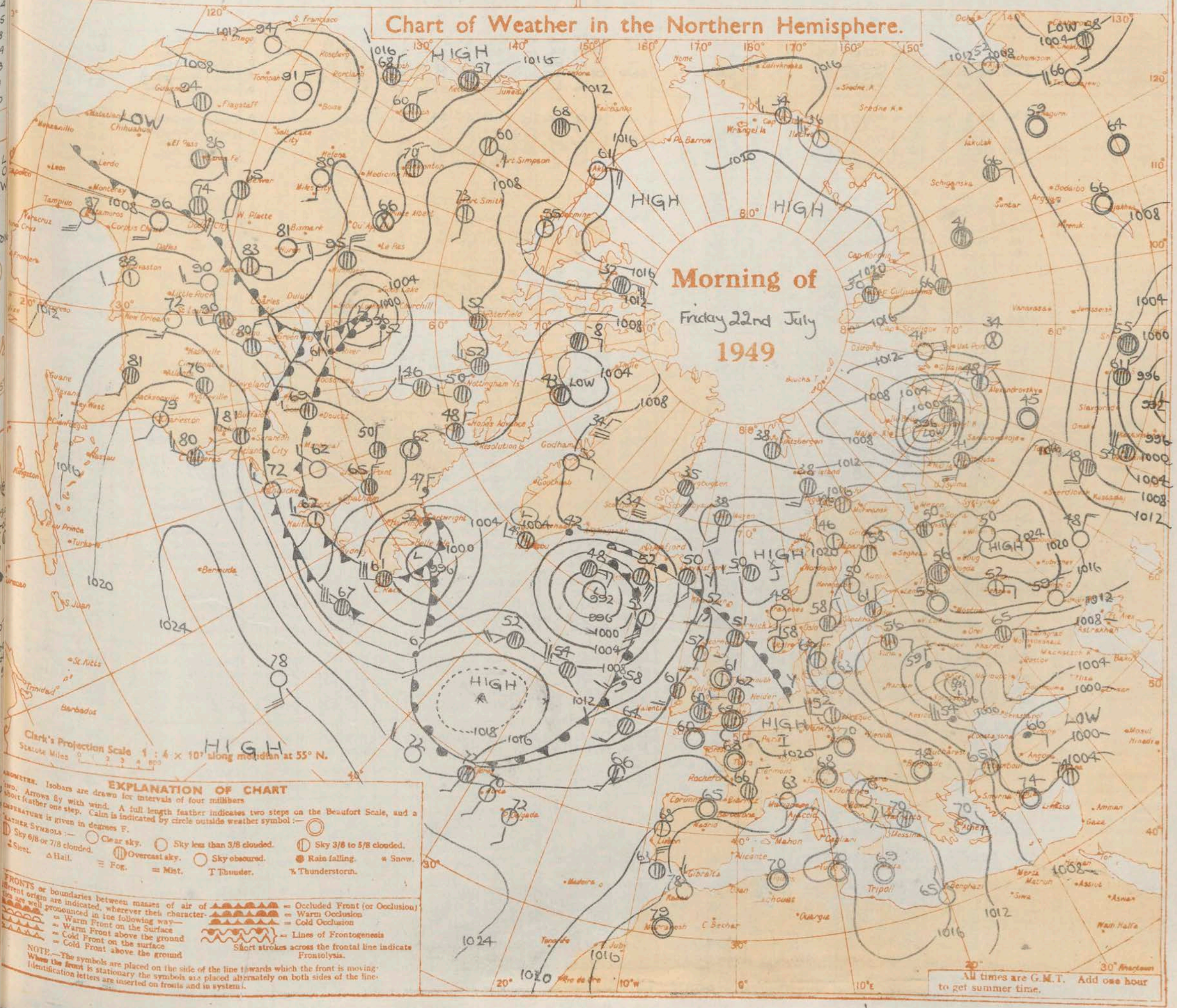
GENERAL INFERENCE

A belt of high pressure extending from Scandinavia to the Bay of Biscay will maintain fair warm weather over much of the British Isles although a few scattered showers may occur later in the afternoon in eastern districts of England. It will be cloudier and close in many parts of Ireland and Scotland and some showers are likely in Ireland and western Scotland tomorrow

FURTHER OUTLOOK

Mainly fair and warm but chance of scattered thundery showers in the west and north

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 22nd July 1949
No. 32019

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

District	Stations	Height above M.S.L.	Wind. Direction (degrees) (1)	Wind. Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud. Form. Low (9)	Cloud. Form. Medium (10)	Cloud. Form. High (11)	Cloud. Total amount 0-8 (12)	Cloud. Main layer. Amt 0-8 (13)	Cloud. Main layer. Ht. (14)	Cloud. Lowest layer. Amt 0-8 (15)	Cloud. Lowest layer. Ht. (16)
0	Kew	18	•	•	•	•	•	•	64	•	•	•	•	•	•	•	•	
	London Airport	82	—	0	64	c	19.8	+02	64	55	–	3	–	6	6	–	–	–
1	Lympne	341	260	01	80	b	20.2	+00	59	50	–	–	–	0	0	0	–	–
	Tangmere	53	340	02	64	bc	20.3	+02	56	52	–	3	–	5	5	84	–	–
	Calshot	8	—	0	81	bc	20.3	+03	62	56	–	7	–	3	3	–	–	–
	Boscombe Down	414	190	03	81	bc	20.4	+02	57	54	–	3	1	3	2	–	–	–
2	Felixtowe	10	—	0	56	b	19.1	+04	64	59	–	7	–	2	2	81	–	–
	Gorleston	5	—	0	48	b	19.2	+00	65	61	–	7	–	2	2	70	–	–
	West Raynham	250	150	05	24	b	19.0	+00	61	59	–	7	–	2	2	–	–	–
	Mildenhall	15	160	01	64	b	19.0	+00	62	59	–	3	–	2	2	–	–	–
3	Cranfield	340	—	0	56	b	19.1	+03	61	53	–	7	–	1	1	80	–	–
	Elmdon	326	310	05	80	b	19.3	+04	62	59	–	–	–	0	0	0	–	–
	Wittering	236	—	0	16	b	19.2	+00	60	59	–	–	–	0	0	0	–	–
	Watnall	366	020	03	10	b	19.4	+04	58	57	–	–	–	0	0	0	–	–
4	Little Rissington	740	270	08	81	c	19.7	-04	63	54	–	3	–	7	7	83	–	–
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury	235	—	0	40	c	19.9	+03	60	56	5	–	–	7	7	70	–	–
5	Bristol	209	—	0	64	b	20.0	+04	57	54	–	4	–	1	1	–	–	–
	Exeter	100	—	0	80	b	20.2	-12	58	56	–	–	–	0	0	0	–	–
	Portland Bill	32	090	02	81	b	20.3	—	61	57	–	–	–	0	0	0	–	–
	Plymouth	90	070	02	80	b	20.0	+00	60	55	–	–	–	0	0	0	–	–
	Chivenor	20	130	03	83	b	20.0	-05	60	54	–	–	–	0	0	0	–	–
	St. Eval	396	160	05	80	b	19.6	+00	59	54	–	–	–	0	0	0	–	–
	Lizard	240	—	0	56	b	19.9	+05	59	59	–	–	–	0	0	0	–	–
	Scilly, St. Mary's	163	—	0	82	b	19.1	+06	60	58	5	–	–	1	1	15	–	–
	Guernsey	340	090	03	82	b	19.7	-01	63	53	–	–	8	8	–	–	–	–
	Aberporth	375	190	03	82	c	19.4	-00	59	55	–	3	–	6	–	00	–	–
6	Pembroke	142	—	0	81	bc	19.8	+04	60	56	2	7	–	5	3	25	–	–
7	Holyhead (Valley)	32	190	08	82	b	18.8	+03	59	56	–	3	1	1	–	00	–	–
8	Manchester	230	090	01	24	b	20.1	+04	65	54	–	4	–	1	1	83	–	–
	Squires Gate	33	—	0	24	b	19.6 19.8	+01	53	52	–	–	1	1	7 10	–	–	–
	Silloth	25	240	12	81	c	19.5	+10	60	58	5	–	–	7	7	25	–	–
9	Finningley	52	—	0	13	b	19.4	+01	57	54	–	–	–	0	0	0	–	–
10	Spurn Head	29	290	02	40	c	18.6	+07	62	59	5	–	–	6	6	25	–	–
	Leeming	105	310	04	80	b	18.7	-01	61	57	5	–	–	1	1	50	–	–
	Tynemouth	108	270	09	51	c	18.2	+03	64	61	5	–	–	7	7	28	–	–
11	St. Abb's Head	280	270	03	80	bc	19.6	+12	63	60	5	–	–	4	4	30	–	–
	Leuchars	36	—	0	80	b	17.4	+07	61	57	5	3	–	2	1	–	2	30
12	Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick	30	—	0	32	0	18.5	+03	62	59	5	–	–	8	7	45	2	15
	West Freugh	52	160	05	80	c	18.5	+02	58	57	5	–	–	7	7	25	–	–
	Ronaldsway	55	—	0	82	bc	19.3	+05	51	51	5	4	–	3	1	40	–	–
13A	Tiree	29	150	05	06	c	18.0	+06	57	57	5	–	–	6	6	25	–	–
13B	Benbecula	16	180	07	81	c	16.8	+05	57	57	5	–	–	7	7	25	2	15
	Stornoway	10	200	05	81	bc	16.6	+04	57	57	5	4	–	5	4	15	–	–
	Cape Wrath	367	230	09	06	f	16.5	+03	56	56	–	–	–	9	9	–	–	–
	Sule Skerry	43	•	•	•	f	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce	234	—	0	82	bc	17.7	+11	57	55	5	•	–	5	5	35	–	–
	Lossiemouth	21	320	02	81	c	17.5	+10	56	53	5	–	–	6	6	32	–	–
	Wick	119	—	0	32	c	17.5	+07	55	53	5	–	–	7	7	27	–	–
16	Lerwick	269	230	04	82	c	17.6	+09	51	51	5	–	–	6	6	10	–	–
17	Blacksod Point	18	200	09	81	c	16.6	+00	61	57	8	–	–	7	7	25	–	–
18	Malin Head	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove	220	080	01	64	bc	18.2	+05	60	59	5	–	–	5	5	15	–	–
	Castle Archdale	225	160	03	82	bc	17.2	+03	60	60	5	–	8	4	2	25	–	–
19	Birr Castle *	187	220	03	81	b	17.5	+04	59	55	–	–	–	0	0	0	–	–
	Colbinstown *	226	220	06	81	b	18.2	+03	57	53	5	3	1	1	1	45	–	–
	Rineanna *	10	150	14	81	0	17.3	+04	62	59	5	–	–	8	8	50	–	–
20	Valentia *	30	170	10	81	cb	16.3	-01	62	60	6	2	–	8	7	15	–	–
	Midleton *	30	—	0	81	b	18.4	+01	58	57	–	3	–	1	1	84	–	–

* Rainfall read at 0600.

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

District	Stations	Wind. Direction (degrees) (17)	Wind. Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud. Form. Low (25)	Cloud. Form. Medium (26)	Cloud. Form. High (27)	Cloud. Total amount 0-8 (28)	Cloud. Main layer. Amt 0-8 (29)	Cloud. Main layer. Ht. (30)	Cloud. Lowest layer. Amt 0-8 (31)	Cloud. Lowest layer. Ht. (32)	9 h. State of ground (33)
0	Kew	230	02	30	bc	20.3	+03	62	54	6	1	–	5	3	35	–	–	0
	London Airport	—	0	64	bc	20.1	+04	60	55	–	3	1	5	5	84	–	–	0
1	Lympne	—	0	80	bc	20.1	+01	61	52	–	3	–	5	5	81	–	–	0
	Tangmere	360	01	40	bc	20.3	+04	55	52	–	3	–	4	4	84	–	–	0
	Calshot	—	0	16	b	20.5	+04	58	55	–	7	–	2	2	–	–	–	0
	Boscombe Down	—	0	08	bc	20.8	+05	55	54	–	3	1	5	4	–	–	–	0
2	Felixtowe	—	0	28	b	19.1	+03	63	58	–	7	–	2	2	83	–	–	0
	Gorleston	340	02	48	bc	19.3	+04	62	56	–	4	–	3	3	80	–	–	0
	West Raynham	—	0	16	b/f	19.2	+02	60	60	–	3	–	1	1	–	–	–	0
	Mildenhall	—	0	36	c	19.5	+06	59	57	–	3	–	6	6	80	–	–	0
3	Cranfield	240	02	32	c	19.4	+05	58	55	–	3	1	6	5	83	–	–	0
	Elmdon	—	0	07	bc	19.8	+01	58	57	–	3	1	3	3	84	–	–	0
	Wittering	340	03	14	c	19.9	+06	59	58	–	3	–	7	7	84	–	–	0
	Watnall	—	0	07	c/f	20.0	+02	58	58	–	7	–	7	7	–	–	–	1
4	Little Rissington	—	0	00	c	19.8	-01	64	55	–	8	3	7	5	81	–	–	0
	Ross-on-Wye	—	0	80	c	20.3	00	55	53	–	7	1	7	–	–	–	–	0
	Shawbury	—	0	28	c	20.0	+03	58	56	5	–	–	7	7	45	–	–	0
5	Bristol	—	0	64	bc	20.2	+04	57	55	–	5	–	5	5	81	–	–	0
	Exeter	—	0	48	b	19.5	-04	53	52	–	5	–	2	[illegible]	[illegible]	4	40	0
	Portland Bill																	0
	Plymouth	070	03	64	b	18.3	-02	56	53	–	3	–	2	2	–	–	–	0
	Chivenor	—	0	84	bc	19.3	-03	57	54	–	3	–	3	3	83	–	–	0
	St. Eval	130	05	81	b	18.9	-04	60	53	–	3	–	1	–	–	–	–	0
	Lizard	010	02	48	b	18.9	+01	60	60	–	–	–	0	0	0	–	–	0
	Scilly, St. Mary's	—	0	82	b	18.7	00	59	58	5	–	–	1	1	15	–	–	0
	Guernsey	150	04	81	b	19.3	+01	65	56	–	4	1	1	1	–	–	–	0
	Aberporth	190	06	80	bc	19.0	+01	59	56	–	3	2	3	2	–	–	–	0
6	Pembroke	180	04	84	bc	19.3	+05	61	59	2	7	8	4	1	25	–	–	0
7	Holyhead (Valley)	—	0	83	c	18.5	00	57	56	5	3	–	7	7	80	5	20	0
8	Manchester	—	0	32	c	20.1	+04	55	55	5	3	–	7	5	50	1	25	1
	Squires Gate	100	05	24	c	19.8	+02	59	53	5	3	1	7	6	81	2	60	1
	Silloth	—	0	82	c	19.1	+05	58	54	–	7	6	7	6	15	–	–	0
9	Finningley	—	0	10	c	19.9	+03	58	56	5	7	5	7	7	40	–	–	0
10	Spurn Head	290	03	08	bc	19.2	+06	59	57	5	–	–	4	4	20	–	–	0
	Leeming	—	0	82	c	19.6	+06	56	52	5	4	5	7	1	–	1	50	1
	Tynemouth	270	09	56	c	18.9	+03	63 62	58	5	–	–	7	7	28	–	–	0
11	St. Abb's Head	270	03	80	c	18.3	+04	60	56	5	–	–	6	6	36	–	–	0
	Leuchars	—	0	64	c	18.5	+08	59	58	5	7	–	7	7	45	1	22	0
12	Eskdalemuir	120	02	83	c	19.2	+03	56	55	5	–	–	7	7	28	–	–	0
	Prestwick	170	02	82	0	18.4	+01	61	59	5	–	–	8	6	38	2	20	1
	West Freugh	130	06	81	c	18.4	+01	58	58	6	3	6	6	2	83	1	03	1
	Ronaldsway	—	0	64	0	19.1	00	58	57	6	–	–	8	8	05	2	03	0
13A	Tiree	130	05	83	c	17.5	-02	58	58	5	–	2	7	7	25	–	–	1
13B	Benbecula	150	08	81	if	16.5	-01	57	56	6	–	1	5	1	10	–	–	1
	Stornoway	200	12	81	c	17.0	+01	58	56	6	3	1	6	5	87	1	08	1
	Cape Wrath	230	09	83	c	18.3	+17	58	56	5	–	–	7	7	25	–	–	1
	Sule Skerry	180	02	09	f+	17.3	+04	56	54	–	–	–	9	9	–	–	–	0
14	Loch Rannoch																	
15	Dyce	—	0	82	c	18.7	+06	60	57	5	–	–	7	7	30	–	–	1
	Lossiemouth	120	05	81	c	18.3	+04	60	57	5	–	–	6	6	32	–	–	0
	Wick	—	0	05	of	18.5	+06	56	55	6	–	–	8	8	02	–	–	0
16	Lerwick	160	05	xq	f+	18.2	+06	55	55	–	–	–	9	9	–	–	–	1
17	Blacksod Point	—	0	81	0	15.5	-02	61	59	6	–	–	8	8	21	–	–	0
18	Malin Head	180	01	33	if	17.2	-06	60	58	–	3	1	3	2	83	–	–	0
	Aldergrove	180	03	80	0	18.2	+01	59	57	8	4	6	8	8	25	1	10	1
	Castle Archdale	160	04	81	c	17.3	00	55	55	–	4	2	7	1	80	–	–	1
19	Birr Castle	220	05	81	c	17.0	-02	59	56	5	–	–	7	7	40	–	–	1
	Colbinstown	—	0	82	bc	18.9	+01	57	53	–	4	4	3	1	83	–	–	0
	Rineanna	110	10	82	c	16.5	-01	61	58	5	7	–	7	5	45	2	22	1
20	Valentia	190	07	64	0	16.4	+04	62	60	6	–	–	8	8	08	–	–	1
	Midleton	150	05	81	c	18.0	+01	62	60	5	3	–	7	5	83	2	40	1

OBSERVATIONS Thursday NIGHT

District	Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Temperature 21 h.-09 h. Min. on Grass °F. (40)	Rain mm. (41)
0	Kew	bybcebc	60	55	—
	London Airport	bgcmobc	60	53	—
1	Lympne	obwbcwbcc	54	46	—
	Tangmere	cbcfgmobzoy	51	47	—
	Calshot	cbcbcmobmo	57	51	—
	Boscombe Down	cbcbwbcmbzbzy	54	45	tr
2	Felixtowe	cbmowcmojfbczo	57	51	—
	Gorleston	cmobczobzo	60	52	—
	West Raynham	ccmoimobc	56	48	—
	Mildenhall	bcmoczo	54	50	—
3	Cranfield	bybbcmocmo	57	51	—
	Elmdon	bccmocmcmoy	55	48	tr
	Wittering	bcmobmczoc	56	52	—
	Watnall	bmocfczo	56	51	—
4	Little Rissington	cbcc	60	60	—
	Ross-on-Wye	bccbcb, cbc	53	*	—
	Shawbury	bcbcwc	56	50	—
5	Bristol	bwbccy	51	41	—
	Exeter	bbwfgcmofgwbc	51	43	—
	Portland Bill	bbcbc	59	*	—
	Plymouth	b	55	50	—
	Chivenor	bbrwcwbcbby	56	52	—
	St. Eval	b	58	53	—
	Lizard	bwb	56	*	—
	Scilly, St. Mary's	bcb	58	*	—
	Guernsey	cbcb	62	57	—
	Aberporth	cwbcwbcbbc	56	43	—
6	Pembroke	bcbcb	58	*	—
7	Holyhead (Valley)	crbcrcr	56	50	—
8	Manchester	bwbc	51	44	—
	Squires Gate	bmowffcmo	54	43	—
	Silloth	bcc	51	46	—
9	Finningley	bmobcmczo	52	46	—
10	Spurn Head	cmobcmo	59	*	—
	Leeming	cbcbbcmobcc	59	41	—
	Tynemouth	c	61	58	—
11	St. Abb's Head	bcccmo	56	*	—
	Leuchars	bccbc	59	54	—
12	Eskdalemuir	cbcc	56	56	—
	Prestwick	cdoc	59	56	tr
	West Freugh	cbcc	54	*	nil
	Ronaldsway	bcbcwc	50	45	—
13A	Tiree	cmc	56	54	tr
13B	Benbecula	ofcjfbc	57 3	50	tr
	Stornoway	cbc	56	54	—
	Cape Wrath	dfcbc	54	52	tr
	Sule Skerry	ff	55	53	—
14	Loch Rannoch				
15	Dyce	cbcc	57	49	—
	Lossiemouth	c	55	47	—
	Wick	cidofc	53	53	0.3
16	Lerwick	bcfid.	48	33	tr
17	Blacksod Point	bc	59	47	—
18	Malin Head	bcf	57	*	0.3
	Aldergrove	cbccmocfsc	57	53	—
	Castle Archdale	bcc	55	48	—
19	Birr Castle	bc	58	53	—
	Colbinstown	trL	54	48	tr
	Rineanna	cr	60	57	tr
20	Valentia	d	61	60	—
	Midleton	bbc	55	48	—

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 23rd. July 1949

No. 32020

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

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. °F. Dry Bulb. (7)	Temp. °F. Dew point. (8)	Cloud. Form. Low. (9)	Cloud. Form. Medium. (10)	Cloud. Form. High. (11)	Cloud. Total amount. 0-8 (12)	Cloud. Main layer. Amt. 0-8 (13)	Cloud. Main layer. Ht. ++ (14)	Cloud. Lowest layer. Amt. 0-8 (15)	Cloud. Lowest layer. Ht. ++ (16)
0	Kew ...	230	07	72	bc	19·8	-04	74	54	1	7	-	5	5	-	1	35
	London Airport	320	05	81	bc	19·7	-07	79	51	1	7	-	5	5	84	1	30
1	Lympne ...	230	02	80	bc	15·6	-05	77	58	1	-	-	3	1	35	-	-
	Tangmere ...	290	10	80	bc	20·0	-01	78	51	1	3	1	3	1	40	-	-
	Calshot ...	130	11	81	b	20·2	+04	70	53	-	4	1	1	1	37	-	-
	Boscombe Down	150	05	81	b	19·6	-08	79	51	-	-	1	1	-	-	-	-
2	Felixtowe ...	110	07	48	bc	19·3	-01	70	63	2	7	-	7	2	40	-	-
	Gorleston ...	-	0	56	bc	19·6	+02	67	60	-	8	-	5	5	80	-	-
	West Raynham	020	04	80	c	19·0	-05	75	61	2	3	1	7	5	83	3	30
	Mildenhall ..	-	0	80	c	19·5	-04	79	55	1	7	-	7	7	-	2	25
3	Cranfield ...	-	0	64	c	19·2	-04	75	55	1	3	-	7	6	84	1	35
	Elmdon ...	180	05	48	c	19·5	-04	74	57	1	3	-	7	7	83	1	35
	Wittering ...	-	0	64	c	19·7	-06	74	60	2	7	-	7	7	84	2	30
	Watnall ...	220	06	32	c	19·8	-02	72	59	1	3	-	7	7	65	2	30
4	Little Rissington	270	09	81	bc	19·7	-07	75	51	-	3	-	5	5	84	-	-
	Ross-on-Wye	230	05	81	c	19·4	-10	78	54	-	3	-	7	-	-	-	-
	Shawbury ...	160	05	80	c	19·2	-08	75	53	8	-	-	7	7	60	1	30
5	Bristol ...	200	06	81	b	19·1	-06	81	53	1	3	-	2	1	35	-	-
	Exeter ...	160	08	81	b	19·8	-01	72	59	1	-	5	2	1	25	-	-
	Portland Bill	100	09	81	b	20·3	+00	~~57~~ 67	56	-	-	1	2	2	86	-	-
	Plymouth ...	250	08	80	b	19·2	+01	67	61	1	-	2	1	1	25	-	-
	Chivenor ...	110	06	81	b	18·8	-08	77	57	1	-	4	2	1	30	-	-
	St. Eval ...	310	08	64	bc	19·6	+03	67	61	-	-	2	4	-	-	-	-
	Lizard ...	300	02	48	b	19·7	+03	67	62	-	6	-	2	2	60	-	-
	Scilly, St. Mary's	260	05	82	c	19·3	+01	69	59	5	4	3	7	4	70	3	14
	Guernsey ...	180	04	81	b	19·6	+00	73	55	-	-	1	1	-	-	-	-
6	Aberporth ...	330	05	81	bc	18·7	-01	70	60	-	-	2	3	-	-	-	-
7	Pembroke ...	-	0	81	b	00·9	+00	66	61	-	6	6	1	1	83	-	-
8	Holyhead (Valley)	210	09	81	bc	18·5	-01	68	58	-	1k	-	3	-	-	-	-
	Manchester ...	210	08	36	c	19·5	-08	74	58	1	3	1	6	4	35	-	-
	Squires Gate...	280	06	24	c	19·4	-04	73	58	2	3	-	6	6	80	1	45
9	Silloth ...	270	10	81	bc	19·5	-03	67	55	1	5	-	7	2	-	1	40
10	Pinningley ...	230	08	20	c	19·6	-03	76	58	1	5	1	7	6	-	1	35
	Sparn Head ...	-	0	16	bc	19·8	+05	69	58	5	-	-	5	5	39	-	-
	Leeming ...	-	0	85	c	19·0	-04	73	59	1	4	9	6	4	83	4	35
	Tynemouth ...	050	09	56	bc	19·7	-01	68	61	2	3	-	5	3	28	-	-
11	St. Abb's Head	130	13	48	c	19·0	-01	66	59	-	9	1	6	6	40	-	-
	Leuchars ...	090	10	82	bc	18·9	-03	67	59	2	3	6	5	3	80	2	20
12	Eskdalemuir...	170	04	83	c	18·8	-01	66	55	1	3	2	6	3	25	-	-
	Prestwick ...	180	11	82	c	18·3	-01	70	56	2	3	1	6	4	25	-	-
	West Freugh...	130	09	82	c	18·8	-01	64	59	2	3	2	7	1	22	-	-
	Rosaldsway ...	100	09	81	c	19·1	-03	65	56	1	3	1	6	1	18	-	-
13A	Tiree ...	170	13	81	bc	17·4	-01	63	60	8	-	1	3	2	35	1	25
13B	Benbecula ...	180	20	82	c	15·8	-06	66	61	5	-	-	6	6	25	2	07
	Stornoway ...	170	13	83	bc	16·5	-09	65	59	1	5	1	3	3	83	1	30
	Cape Wrath ...	090	02	83	bc	17·1	-13	64	57	5	-	-	4	4	25	-	-
14	Sule Skerry ...	130	05	82	b	17·7	+00	63	58	2	-	5	2	1	20	-	-
15	Loch Rannoch																
	Dyce ...	140	08	80	bc	19·0	+00	67	61	8	3	-	5	4	30	3	25
	Lossiemouth...	080	07	82	bc	17·8	-06	68	58	8	-	2	5	5	50	3	25
	Wick ...	150	08	84	bc	18·6	-03	62	56	1	-	2	4	1	25	-	-
16	Lerwick ...	170	09	x6	f	18·9	+00	57	57	-	-	-	9	9	0	-	-
17	Blacksod Point	200	09	78	δβ	15·9	+06	66	60	6	1	-	8	2	83	6	19
18	Malin Head ...	180	05	82	bc	16·4	-04	71	58	1	-	1	5	3	26	-	-
	Aldergrove ...	200	10	82	c	17·9	-01	73	54	2	7	8	7	3	25	-	-
	Castle Archdale	160	07	82	c	16·7	-03	68	58	5	-	-	7	7	20	-	-
19	Birr Castle ... *	160	05	81	c	17·3	+00	69	59	5	1	-	8	6	40	-	-
	Collinstown ... *	150	10	83	c	17·9	-02	68	57	8	-	2	7	2	30	-	-
	Rineanna ... *	260	10	81	ir.	17·4	+03	66	62	6	-	-	8	5	16	2	09
20	Valentia ... *	230	08	81	c	18·1	+07	66	59	5	3	-	7	6	28	-	-
	Midleton ... *	180	10	81	c	18·1	-01	69	62	6	3	2	7	2	14	-	-

* Rainfall read at 1800.

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

Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. °F. Dry Bulb. (23)	Temp. °F. Dew point. (24)	Cloud. Form. Low. (25)	Cloud. Form. Medium. (26)	Cloud. Form. High. (27)	Cloud. Total amount. 0-8 (28)	Cloud. Main layer. Amt. 0-8 (29)	Cloud. Main layer. Ht. ++ (30)	Cloud. Lowest layer. Amt. 0-8 (31)	Cloud. Lowest layer. Ht. ++ (32)	21 h State of ground (33)
Kew ...	200	02	81	c	18·4	-08	81	55	5	-	1	7	7	55	1	38	0
London Airport	180	07	81	c	18·2	-07	82	53	2	3	-	7	7	84	2	30	0
Lympne ...	-	0	81	c	19·4	+01	68	57	-	3	-	7	7	-	-	-	0
Tangmere ...	180	07	81	bc	19·1	-05	75	52	-	4	2	3	1	-	-	-	0
Calshot ...	150	05	80	bc	19·3	-05	71	62	-	-	4	4	-	-	-	-	0
Boscombe Down	190	07	82	bc	18·9	-01	77	49	-	-	5	4	-	-	-	-	0
Felixtowe ...	060	08	40	c	19·1	+01	68	60	-	7	-	7	7	83	-	-	0
Gorleston ...	-	0	40	c	19·9	+00	66	61	-	7	-	7	-	-	-	-	0
West Raynham	130	10	56	c	19·0	+00	70	63	-	3	-	7	7	-	-	-	0
Mildenhall ..	-	0	80	c	19·0	-03	74	63	-	7	-	7	7	-	-	-	0
Cranfield ...	080	05	56	c	18·4	-02	77	57	-	3	-	7	7	81	-	-	0
Elmdon ...	130	06	81	bc	18·0	-08	78	57	1	8	-	3	1	35	-	-	0
Wittering ...	110	06	64	c	18·7	-06	75	56	-	7	-	7	7	81	-	-	0
Watnall ...	230	01	56	bc	18·2	-08	76	59	-	4	1	3	2	-	-	-	1
Little Rissington	200	09	81	c	17·9	-08	77	54	2	3	6	7	4	83	3	45	0
Ross-on-Wye	250	08	81	bc	11·6	-03	79	49	1	4	2	4	-	-	-	-	0
Shawbury ...	~~060~~ 110	02	82	c	17·5	~~+05~~ -10	78	56	4	3	-	7	1	80	6	35	0
Bristol ...	200	05	81	bc	18·1	+01	79	51	-	-	4	3	-	-	-	-	0
Exeter ...	190	08	81	bc	19·0	-02	72	60	1	-	2	5	1	35	-	-	0
Portland Bill	100	02	48	z	20·0	-04	67	62	5	3	3	6	4	86	2	30	0
Plymouth ...	230	06	64	bc	19·2	-02	68	63	2	3	2	5	2	-	1	25	0
Chivenor ...	270	07	81	c	19·3	+00	67	59	-	3	5	6	3	83	-	-	0
St. Eval ...	270	05	81	bc	19·9	+02	65	60	1	3	2	5	4	-	1	10	0
Lizard ...	340	03	82	bc	22·0	+03	65	62	5	3	5	5	3	25	-	-	0
Scilly, St. Mary's	270	06	83	o	20·1	+04	66	61	8	7	-	8	6	70	7	14	0
Guernsey ...	350	03	81	c	19·6	+01	69	61	-	-	6	6	-	-	-	-	0
Aberporth ...	290	02	80	c	19·1	+01	64	59	-	3	6	7	6	-	-	-	0
Pembroke ...	270	05	81	c	19·9	+01	65	60	1	7	8	6	3	83	1	25	0
Holyhead (Valley)	200	09	81	c	18·4	+01	65	59	5	-	-	7	7	60	-	-	0
Manchester ...	240	02	80	b	18·0	-08	77	58	1	-	-	1	7	30	-	-	0
Squires Gate...	310	08	64	bc	18·6	-03	73	56	-	3	2	3	1	83	2	-	0
Silloth ...	-	0	81	b	18·6	-03	69	52	-	-	1	2	2	-	-	-	0
Pinningley ...	180	04	32	bc	18·0	-08	75	59	8	3	-	5	5	-	3	50	0
Sparn Head ...	130	03	24	bc	18·9	-10	67	60	5	-	-	5	5	30	-	-	0
Leeming ...	330	01	81	c	17·7	-06	77	56	5	4	-	7	4	-	2	50	0
Tynemouth ...	180	12	40	bc	19·1	-04	62	59	-	-	2	4	-	-	-	-	0
St. Abb's Head	130	13	48	bc	17·9	-04	62	59	5	-	-	5	5	35	-	-	0
Leuchars ...	090	10	82	bc	18·0	-04	65	59	4	-	1	3	3	28	-	-	0
Eskdalemuir...	200	04	83	bc	18·0	-04	68	53	5	7	-	5	3	38	-	-	0
Prestwick ...	250	09	82	bc	18·1	-02	67	55	1	4	4	3	1	30	-	-	0
West Freugh...	180	06	83	c	18·5	-01	65	56	5	5	3	7	7	84	3	40	0
Rosaldsway ...	190	07	82	bc	18·5	-04	67	55	-	3	8	5	3	80	-	-	0
Tiree ...	180	12	83	c	16·9	-03	61	57	-	7	-	7	-	-	-	-	1
Benbecula ...	200	16	81	c	15·4	-01	64	59	8	7	-	7	7	-	4	45	1
Stornoway ...	200	16	82	b	15·3	-07	67	59	1	8	2	2	1	30	-	-	2
Cape Wrath ...	230	09	83	c	16·4	-02	63	56	6	-	-	6	6	20	-	-	1
Sule Skerry ...	130	13	82	c	16·0	-10	62	57	-	6	5	6	3	30	-	-	1
Loch Rannoch																	
Dyce ...	130	12	64	bc	18·1	-08	65	58	1	-	2	3	1	25	-	-	1
Lossiemouth...	090	07	82	bc	15·8	-14	69	61	8	-	2	5	4	50	2	30	0
Wick ...	140	03	81	bc	17·6	-07	56	55	1	3	1	5	5	-	2	30	0
Lerwick ...	180	08	x6	f	18·9	-02	56	56	-	-	-	9	9	-	-	-	1
Blacksod Point	210	09	40	ir.	17·5	+08	62	61	7	-	-	8	8	11	-	-	1
Malin Head ...	270	02	80	r.r.	17·5	+10	62	62	6	-	-	7	7	11	-	-	1
Aldergrove ...	150	07	81	pr.	18·0	+04	68	60	8	7	-	7	5	35	3	25	1
Castle Archdale	310	11	82	c	17·6	+07	65	60	8	7	-	7	7	85	3*	18	1
Birr Castle ... *	220	09	50	c	17·7	+08	69	63	3	2	-	7	4	25	-	-	1
Collinstown ... *	-	0	81	c	17·3	+01	66	62	8	-	-	7	6	50	1	30	0
Rineanna ... *	310	08	82	c	18·9	+13	66	60	5	3	-	7	6	80	1	25	0
Valentia ... *	220	08	81	ir.	19·2	+06	65	61	6	7	-	8	7	83	1	11	1
Midleton ... *	200	07	81	c	18·6	+04	67	62	5	3	-	7	5	38	-	-	1

OBSERVATIONS during DAY (22nd)

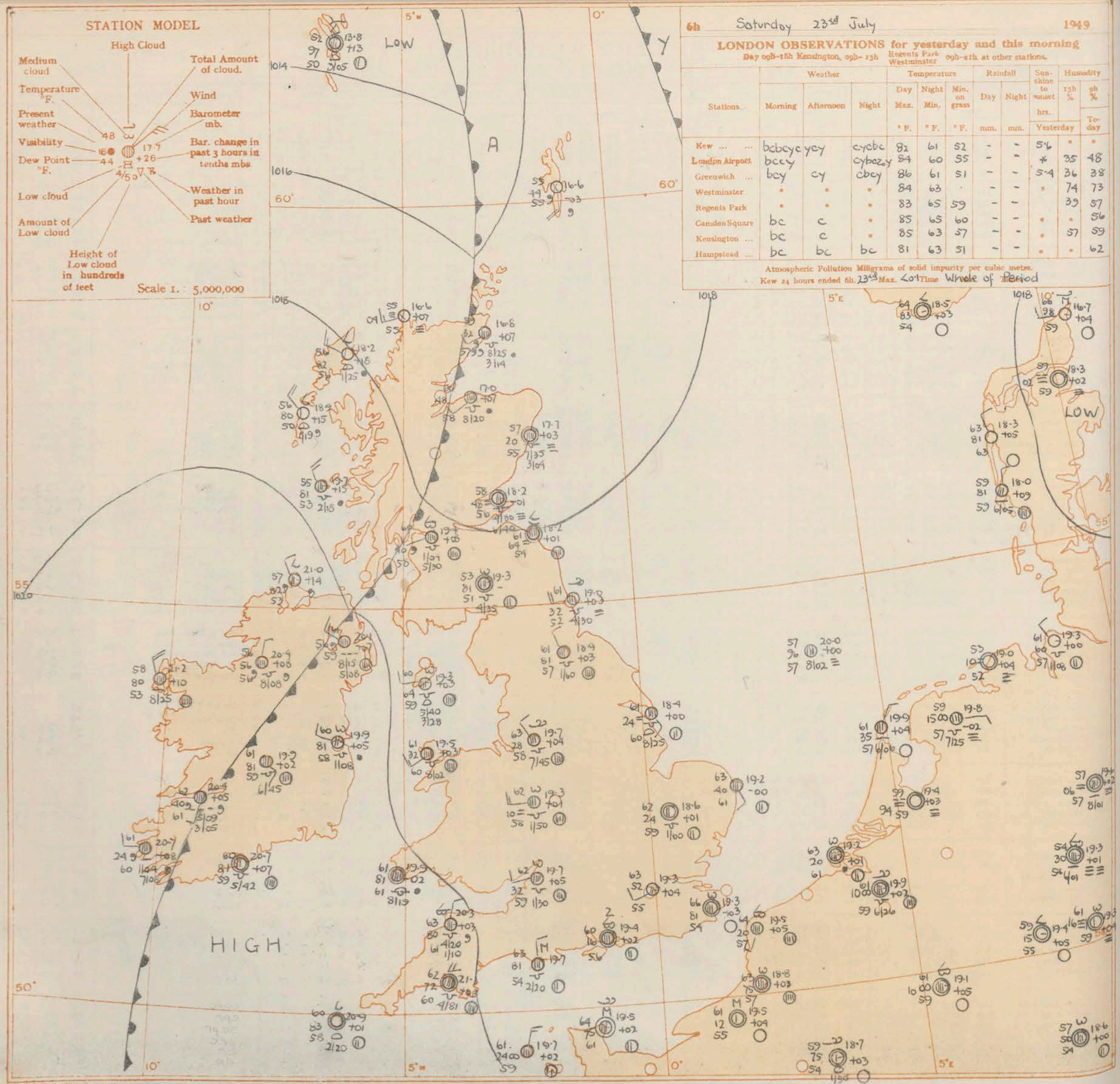
Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h. 21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
Kew ...	bcbcycycy	82	5·6	-
London Airport	bccy	84	*	-
Lympne ...	cbcyc	79	9·7	-
Tangmere ...	bybcyc	80	15·8	-
Calshot ...	bz.bbybcbcy	72	13·2	-
Boscombe Down	bzybycyc	78	11·4	-
Felixtowe ...	cz.ccir.cm.	73	6·5	TR
Gorleston ...	bcz.cz.cz.m.	69	6·1	-
West Raynham	bccybcm.	75	6·2	-
Mildenhall ..	bccz.cir.c	80	5·0	0·1
Cranfield ...	bcz.cycz.y	78	3·6	-
Elmdon ...	cz.cybcybc	79	*	-
Wittering ...	ccycpr.ybcz.	97	3·9	TR
Watnall ...	cz.ybcy	78	3·4	-
Little Rissington	cybc	79	7·5	-
Ross-on-Wye	ccybcy	82	7·5	-
Shawbury ...	ccyc	79	~~4·4~~ 4·0	-
Bristol ...	cybcybc	85	9·6	-
Exeter ...	bcbybbcc	75	10·6	-
Portland Bill	bcbccz cz	69	·	·
Plymouth ...	bbcc	74	12·2	-
Chivenor ...	bycybcc	79	10·7	-
St. Eval ...	bbccm.bcc	71	12·2	-
Lizard ...	bcc	68	·	-
Scilly, St. Mary's	bcc	75	7·2	-
Guernsey ...	b	79	11·9	-
Aberporth ...	bccbc	74	12·7	-
Pembroke ...	bc	68	6·3	-
Holyhead (Valley)	bcybbcc	69	8·6	-
Manchester ...	bccybcyc	78	7·4	-
Squires Gate...	cbcz.bbcybcc	77	10·1	-
Silloth ...	cbc	71	*	-
Pinningley ...	cz.bcz.ybcz.	79	5·9	-
Sparn Head ...	cm.bcm.	72	6·1	-
Leeming ...	bccybm.	80	10·3	-
Tynemouth ...	cbcbbcm.	68		-
St. Abb's Head	cm.bcm.cm.	68	·	-
Leuchars ...	bc	68	13·2	-
Eskdalemuir...	bcybc	71	7·4	-
Prestwick ...	cbcc	71	10·8	-
West Freugh...	cbcc	67	*	-
Rosaldsway ...	cbcyc	57	8·5	-
Tiree ...	cbccd.d.c	65	6·6	0·1
Benbecula ...	cd.d.id.	70	9·4	0·4
Stornoway ...	bbccrr	72	(1·7)	TR
Cape Wrath ...	bccpr	71		1
Sule Skerry ...		65	*	-
Loch Rannoch				
Dyce ...	cbcb	69	8·6	-
Lossiemouth...	cpr.j	70	8·0	1
Wick ...	bcof	63	7·0	-
Lerwick ...	ofcm.ff	58	0·2	TR
Blacksod Point	dr	·	0·1	1
Malin Head ...	bcr	73	*	2
Aldergrove ...	ccyccpr.c	75	6·5	TR
Castle Archdale	ccirc	68	4·7	TR
Birr Castle ... *	cpr	71	0·5	0·5
Collinstown ... *	bcpr	71	8·6	TR
Rineanna ... *	prc	74	2·2	TR
Valentia ... *	cr	67	1·9	0·1
Midleton ... *	dc	71	1·8	0·2

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Saturday 23rd July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–13h Regents Park Westminster 09h–21h at other stations.

Stations	Weather: Morning	Weather: Afternoon	Weather: Night	Temperature: Day Max. °F.	Temperature: Night Min. °F.	Temperature: Min. on grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 13h % Yesterday	Humidity 9h % Yesterday	Humidity 9h % To-day
Kew	bcbcyc	ycy	cycbc	82	61	52	-	-	5·6	•	•	
London Airport	bccy		cybczy	84	60	55	-	-	*	35	48	
Greenwich ...	bcy	cy	cbcy	86	61	51	-	-	5·4	36	38	
Westminster	•	•	•	84	63	·	-	-	•	74	73	
Regents Park	•	•	•	83	65	59	-	-		39	57	
Camden Square	bc	c	•	85	65	60	-	-	•	•	56	
Kensington ...	bc	c	•	85	63	57	-	-	•	57	59	
Hampstead ...	bc	bc	bc	81	63	51	-	-	•	•	62	

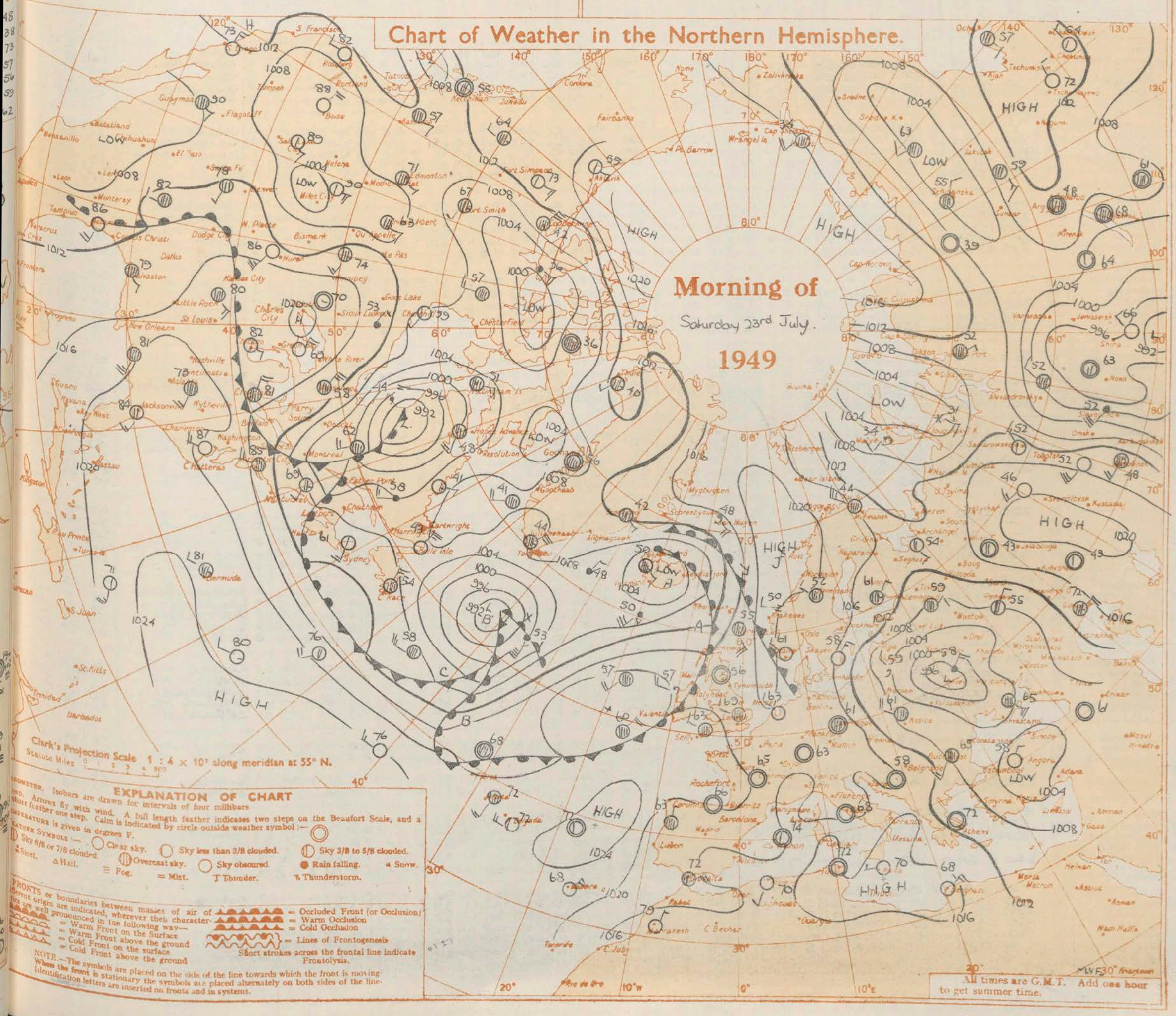
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 23rd Max. <0·1 Time Whole of Period

GENERAL INFERENCE

An intensifying anticyclone centred to the southwest of Ireland is moving steadily eastnortheast. It will be fair and warm over England and Wales apart from a chance of scattered thundery showers in northern districts today but temperatures will be somewhat lower tomorrow in many places. In Scotland and Northern Ireland it will be fair and a little cooler than of late.

FURTHER OUTLOOK

Fair and generally warm, but much cloud in some east coastal areas and in the extreme northwest.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 23rd July 1949
No. 32.029

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

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low (9)	Cloud: Form: Medium (10)	Cloud: Form: High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt 0-8 (13)	Cloud: Main layer: Ht. (14)	Cloud: Lowest layer: Amt. 0-8 (15)	Cloud: Lowest layer: Ht. (16)
0	Kew	18	•	•	•	•	•	•	64	•	•	•	•	•	•	•	•	
	London Airport	82	300	05	60	c	19.5	+05	69	55	–	7	–	6	6	83	–	–
1	Lympne	341	–	0	81	0	19.5	-01	65	55	–	3	–	8	8	84	–	–
	Tangmere	53	340	01	64	bc	19.4	+00	59	53	–	4	–	5	5	84	–	–
	Calshot	8	–	0	56	b	19.6	+01	64	59	–	–	–	0	0	0	–	–
	Boscombe Down	414	–	0	64	b	20.0	+04	60	53	–	3	–	1	1	–	–	–
2	Felixtowe	10	100	02	32	c	19.3	-02	65	60	–	7	–	7	7	71	–	–
	Gorleston	5	200	03	48	b	20.0	-02	62	59	–	–	–	0	0	0	–	–
	West Raynham	250	150	10	40	bc	19.2	-03	61	57	–	3	2	4	3	–	–	–
	Mildenhall	15	130	01	40	0	19.1	-02	64	59	5	–	–	8	8	60	–	–
3	Cranfield	340	170	05	32	b	18.5	-04	66	54	–	–	–	0	0	0	–	–
	Elmdon	326	270	05	48	b	18.6	-02	63	58	–	–	–	0	0	0	–	–
	Wittering	236	180	05	24	b	19.1	+00	67	60	–	7	–	2	2	81	–	–
	Wattisham	366	–	0	24	b	18.9	+02	63	59	–	–	–	0	0	0	–	–
4	Little Rissington	740	270	09	81	b	19.3	+03	65	53	–	–	–	0	0	0	–	–
	Ross-on Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury	235	–	0	48	bc	19.2	+00	64	57	–	3	–	3	3	83	–	–
5	Bristol	209	260	08	80	b	19.2	+02	63	59	–	4	–	2	2	–	–	–
	Exeter	100	–	0	64	bc	20.0	+04	61	59	5	–	–	4	4	50	–	–
	Portland Bill	32	270	02	48	bc	20.2	+01	62	60	5	–	1	3	2	30	–	–
	Plymouth	90	330	02	64	c	20.7	+05	62	59	–	7	2	6	5	70	–	–
	Chivenor	20	–	0	64	bc	20.3	-02	58	57	–	3	1	3	3	81	–	–
	St. Eval	336	250	02	80	c	20.8	+02	63	61	–	7	–	6	6	85	–	–
	Lizard	240	–	0	80	bc	20.4	+00	62	62	6	–	–	5	5	20	–	–
	Scilly, St. Mary's	163	350	04	81	c	21.0	+02	63	61	8	–	–	6	6	14	–	–
	Guernsey	340	310	06	64	b	20.7	-03	61	59	–	–	–	0	0	0	–	–
	Aberporth	375	310	06	64	bc	20.1	+00	59	57	5	–	–	3	3	28	–	–
6	Pembroke	142	300	07	82	0	20.4	+04	62	60	5	–	–	8	8	19	–	–
7	Holyhead (Valley)	32	190	09	81	bc	19.9	+01	62	60	4	–	–	8	8	102	–	–
8	Manchester	230	–	0	32	0	19.2	+03	64	59	5	–	–	8	8	50	–	–
	Squires Gate	33	250	10	80	0	19.3	-01	64	60	–	3	–	8	7	80	–	–
	Silloth	25	–	0	80	c	19.1	+00	57	55	5	–	–	7	7	25	–	–
9	Finningley	52	–	0	24	c	18.7	+03	63	55	5	–	–	7	7	60	–	–
10	Spurn Head	29	–	0	40	b	19.3	-00	61	58	–	–	–	6	0	0	–	–
	Leeming	105	230	02	48	bc	18.7	-02	64	61	5	–	–	4	4	80	–	–
	Tynemouth	108	–	0	16	bc	18.9	-02	60	58	5	–	–	3	3	20	–	–
11	St. Abb's Head	280	230	19	48	bc	17.8	-05	61	59	6	–	–	5	5	35	–	–
	Leuchars	36	–	0	40	b	18.3	+01	56	55	6	–	1	1	1	08	–	–
12	Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick	30	–	0	81	c	18.8	+02	61	56	5	–	–	7	7	62	–	–
	West Freugh	52	180	03	80	0	18.8	+00	60	57	5	7	–	8	6	34	–	–
	Ronaldsway	55	–	0	80	0	19.0	-01	59	58	5	–	–	8	8	54	–	–
13A	Tiree	29	210	10	4	dodo	17.2	-02	59	59	6	–	–	8	8	03	–	–
13B	Benbecula	16	200	10	09	cloclo	15.8	+01	58	58	7	–	–	8	8	03	–	–
	Stornoway	10	180	10	40	10/0	15.7	+00	59	59	7	7	–	8	8	60	5	06
	Cape Wrath	367	–	0	82	c	15.8	-07	61	58	6	–	–	7	7	70	–	–
	Sule Skerry	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce	234	160	06	24	0	18.5	-03	57	56	6	–	–	8	8	03	–	–
	Lossiemouth	21	220	04	80	bc	16.4	+03	58	54	5	3	–	4	3	50	–	–
	Wick	119	160	06	24	bc	16.3	-11	57	55	5	–	2	5	3	25	1	02
16	Lerwick	269	170	13	16	0	18.1	-04	55	55	6	–	–	8	8	03	–	–
17	Blacksod Point	18	360	07	78	cdo	19.8	-12	57	56	7	–	–	8	8	15	–	–
18	Malin Head	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove	220	340	02	64	0	19.2	+09	63	59	5	7	–	8	7	71	5	20
	Castle Archdale	225	–	0	81	c/r	19.0	+03	59	59	5	7	–	7	7	80	4	30
19	Birr Castle	187	130	05	81	bc	19.7	+07	60	58	5	–	–	5	5	40	–	–
	Collinstown	226	230	09	81	10/0	18.9	+01	64	61	7	2	–	8	4	48	4	15
	Rineanna	10	150	04	82	0	20.0	+05	63	61	5	–	–	8	6	37	2	25
20	Valentia	30	180	09	19	dodo	19.9	+04	62	61	6	–	–	8	8	03	–	–
	Midleton	30	–	0	80	c	20.1	+06	62	60	5	3	–	7	7	83	1	40

* Rainfall read at 0600.

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

District	Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt. 0-8 (31)	Cloud: Lowest layer: Ht. (32)	9 h. State of ground (33)
0	Kew	—	0	72	c	19.1	+08	66	56	5	–	1	7	6	48	–	–	•
	London Airport	240	06	52	bc	19.3	+04	63	55	–	7	5	5	5	83	–	–	0
1	Lympne	—	0	81	c	19.3	+03	66	54	–	3	–	7	7	83	–	–	0
	Tangmere	—	0	48	bc	19.4	+04	60	53	–	4	4	5	1	84	–	–	0
	Calshot	—	0	16	2	19.4	+02	60	56	–	7	6	6	1	–	–	–	0
	Boscombe Down	290	04	48	0	20.0	+03	57	52	–	8	8	8	2	–	–	–	0
2	Felixtowe	100	02	81	bc	18.8	+03	64	61	–	7	–	3	3	80	–	–	0
	Gorleston	160	05	40	c	19.2	00	63	61	–	5	–	6	6	80	–	–	0
	West Raynham	170	06	40	c	18.5	-02	60	57	5	3	2	6	2	–	4	35	0
	Mildenhall	—	0	24	bc	18.6	+01	62	59	5	–	2	4	3	–	1	60	0
3	Cranfield	240	07	32	c	18.4	+02	61	55	–	3	–	7	7	80	–	–	0
	Elmdon	290	07	10	c	19.3	+07	62	58	5	3	2	6	2	83	1	50	0
	Wittering	270	03	20	c	18.4	+06	61	59	5	–	–	7	7	50	–	–	0
	Wattisham	300	05	12	c	18.9	+05	64	59	–	3	3	7	6	70	–	–	0
4	Little Rissington	340	09	72	0	19.4	+08	63	56	–	8	7	8	6	81	–	–	0
	Ross-on Wye	310	02	81	c	20.5	+08	61	57	5	8	2	6	1	30	–	–	0
	Shawbury	270	05	80	c	19.8	+08	59	55	5	3	8	7	2	81	4	60	0
5	Bristol	270	02	32	c	19.7	+05	62	59	5	3	2	7	4	83	1	30	0
	Exeter	—	0	64	c	20.3	+03	60	59	5	9	6	6	3	30	–	–	0
	Portland Bill	360	05	81	c	19.7	*	63	54	5	8	8	7	4	80	2	20	0
	Plymouth	—	0	72	c	21.1	+03	62	60	–	5	2	7	4	81	–	–	0
	Chivenor	360	04	80	qd	20.3	+03	63	61	5	7	–	7	4	20	1	10	0
	St. Eval	350	05	80	dodo	20.7	+02	61	60	6	–	–	8	8	05	–	–	1
	Lizard	360	01	82	qpr	20.7	+06	62	62	6	–	–	7	7	18	–	–	0
	Scilly, St. Mary's	300	21			20.9	+01	60	58	8	4	–	8	4	60	2	20	0
	Guernsey	360	09	24	2	19.7	+02	61	59	–	7	–	7	7	–	–	–	0
	Aberporth	—	0	82	jf	20.0	-00	60	59	6	7	–	7	7	–	1	–	0
6	Pembroke	—	0	81	1r0	19.9	-02	61	59	5	7	–	8	8	19	–	–	0
7	Holyhead (Valley)	220	10	32	0	19.5	+03	61	60	6	–	–	8	8	02	–	–	0
8	Manchester	290	01	28	c	19.7	+04	63	58	5	–	2	7	7	45	–	–	0
	Squires Gate	310	04	64	c	19.6	+03	62	59	6	–	–	7	5	12	–	–	0
	Silloth	—	0	80	bc	19.4	+01	61	57	–	3	–	4	4	–	1	–	0
9	Finningley	360	06	11	c	18.7	00	61	59	5	7	–	7	7	–	2	30	0
10	Spurn Head	130	02	24	0	18.4	00	61	60	8	–	–	8	8	26	–	–	0
	Leeming	210	03	81	c	18.9	+03	61	57	5	3	1	6	3	–	1	60	0
	Tynemouth	270	12	32	c	19.0	+03	61	52	5	–	2	6	4	36	–	–	0
11	St. Abb's Head	—	0	64	c	18.2	+01	61	54	–	9	–	7	7	–	–	–	0
	Leuchars	—	0	48	c	18.2	-01	58	56	5	7	–	7	4	80	2	18	1
12	Eskdalemuir	—	0	81	c	19.3	+03	53	51	5	3	–	7	4	35	–	–	0
	Prestwick	—	0	81	0	19.5	+04	61	57	5	3	–	8	5	60	2	22	0
	West Freugh	—	0	81	c	19.3	+03	60	58	5	7	–	7	5	40	1	20	1
	Ronaldsway	270	01	64	c	19.3	+03	60	59	8	3	–	7	5	40	3	28	0
13A	Tiree	310	07	81	c	19.7	+15	55	53	5	–	–	7	7	18	–	–	1
13B	Benbecula	300	12	80	c	18.9	+15	56	50	1	4	1	2	1	18	–	–	1
	Stornoway	310	10	82	b	18.2	+18	56	56	1	4	–	2	1	25	–	–	1
	Cape Wrath	270	09	09	f	16.6	+07	55	55	–	–	–	9	9	–	–	–	0
	Sule Skerry	230	05	08	DD	15.9	00	58	58	6	–	–	8	8	10	–	–	1
14	Loch Rannoch																	
15	Dyce	—	02	20	c/f	17.7	+03	57	55	6	–	–	7	7	35	3	04	1
	Lossiemouth	230	06	48	rr	17.0	+07	60	58	6	–	–	8	8	20	–	–	1
	Wick	240	05	32	dd	16.8	+07	59	57	5	–	–	8	8	25	3	14	1
16	Lerwick	180	11	X4	ido	16.6	-03	55	55	–	–	–	9	9	–	–	–	1
17	Blacksod Point	340	07	80	c	21.2	+10	58	53	6	–	–	7	8	25	–	–	1
18	Malin Head	330	02	82	ido	21.0	+14	57	53	–	3	1	5	3	83	–	–	1
	Aldergrove	290	07	56	ido	20.1	+07	61	59	7	–	–	8	8	15	5	08	1
	Castle Archdale	360	04	56	ido	20.4	+08	56	56	6	–	–	8	8	08	–	–	1
19	Birr Castle	130	05	81	c	19.9	+02	61	59	5	–	–	6	6	45	–	–	0
	Collinstown	280	05	81	bc	19.9	+05	60	58	5	3	–	5	1	08	–	–	0
	Rineanna	190	03	40	ido	20.4	+05	62	61	7	–	–	8	5	05	3	05	1
20	Valentia	290	04	24	ido	20.7	+08	61	60	6	–	–	8	7	08	1	04	1
	Midleton	—	0	81	bc	20.7	+07	60	59	5	–	–	5	5	42	–	–	1

OBSERVATIONS Friday NIGHT

District	Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h.: Min. °F. (39)	Temperature 21 h.-09 h.: Min. on Grass °F. (40)	Rain mm. (41)
0	Kew	cycoc	61	52	—
	London Airport	cybc20cy	60	55	—
1	Lympne	cbcy	63	58	—
	Tangmere	cbcmoc2oy	52	47	—
	Calshot	bbmocmobc20	59	54	—
	Boscombe Down	cbccwc	54	45	—
2	Felixtowe	cmocmobc	63	58	—
	Gorleston	pmobmowbmowcm	62	57	—
	West Raynham	bmoc	57	41	—
	Mildenhall	ccmobcmowc20	60	56	—
3	Cranfield	cbcb20bccmo	57	52	—
	Elmdon	bcbmocmc20	59	52	—
	Wittering	c20bcmocm20	58	55	—
	Wattisham	bcbcmo	61	55	—
4	Little Rissington	bcbcy	62	53	—
	Ross-on Wye	bcc	59	*	—
	Shawbury	cbcc	58	54	—
5	Bristol	bbcc	61	51	—
	Exeter	cbcmowc	58	51	—
	Portland Bill		58	•	—
	Plymouth	cbcc	61	53	—
	Chivenor	cbcwcrdoc	57	51	tr
	St. Eval	ccifomocdodomoc	60	56	0.2
	Lizard	cproc	53	*	tr
	Scilly, St. Mary's	c	60	*	—
	Guernsey	cbbcomoprcmo	53	55	tr
	Aberporth	bccoidofeidoc	57	51	tr
6	Pembroke	cbcc	•	*	—
7	Holyhead (Valley)	comocmo	60	53	—
8	Manchester	c	60	57	—
	Squires Gate	cmoc	62	60	—
	Silloth	cbcc	56	50	—
9	Finningley	bc20cmobc20	60	57	—
10	Spurn Head	fmoomo	60	*	—
	Leeming	bcmocrobc	60	58	tr
	Tynemouth	pcmocmoffcmo	58	55	—
11	St. Abb's Head	pcmocmoc	55	*	—
	Leuchars	pcofcmocw	54	52	—
12	Eskdalemuir	bcc	49	44	—
	Prestwick	ccidoc	53	58	tr
	West Freugh	cbcirbc	56	50	tr
	Ronaldsway	cproc	57	52	tr
13A	Tiree	ccrrddnbc	54	53	3
13B	Benbecula	ododocb	55	51	3
	Stornoway	cRRrobc	55	53	3
	Cape Wrath	c	54	51	1
	Sule Skerry	cDD	56	55	2
14	Loch Rannoch				
15	Dyce	bcofcmo	54	47	—
	Lossiemouth	odirbc	53	49	1
	Wick	ofcido	54	53	1
16	Lerwick	cfmofido	57	53	tr
17	Blacksod Point	dc	56	47	2
18	Malin Head	d	56	*	1
	Aldergrove	ccbccdod.	53	50	tr
	Castle Archdale	cirddodoc	56	52	0.5
19	Birr Castle	bc	60	56	—
	Collinstown	v	53	57	tr
	Rineanna	rd	61	59	tr
20	Valentia	rd	60	60	2
	Midleton	prc	56	51	0.1

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 24th July 1949

No. 32021.

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

District	Stations. (For heights see p. 4)	Wind. Direction (degrees). (1)	Wind. Speed (kts.). (2)	Visibility (Code figures). (3)	Present Weather. (4)	Pressure. Bar at M.S.L. mb. (5)	Pressure. Change in 3 hrs. (6)	Temp. Dry Bulb. °F. (7)	Temp. Dew point. °F. (8)	Cloud. Form. Low. (9)	Form. Medium. (10)	Form. High. (11)	Total amount. 0-8 (12)	Main layer. 0-8 (13)	Main layer. Ht. (14)	Lowest layer. 0-8 (15)	Lowest layer. Ht. (16)
0	Kew	290	04	72	c	19·8	-02	78	54	1	7	2	6	4	-	1	45
1	London Airport	300	08	72	c	18·9	-01	79	56	-	7	9	7	5	84	-	-
	Lympne	130	07	82	c	18·8	-01	78	55	1	3	7	7	2	84	1	45
	Tangmere	310	08	56	c	18·9	-02	83	52	-	4	2	7	1	-	-	-
	Calshot	220	05	28	2	19·4	-03	72	61	-	7	6	7	3	-	-	-
2	Boscombe Down	340	01	80	c	19·4	-03	77	59	1	3	8	7	2	-	1	40
	Felixtowe	~~100~~ 130	07	40	c	18·3	-02	72	63	2	~~3~~	-	7	7	83	1	40
	Gorleston	130	09	32	bc	19·4	+01	66	61	4	-	-	5	5	50	-	-
	West Raynham	-	0	81	c	18·2	-03	79	61	1	3	5	7	5	81	1	35
	Mildenhall	-	0	80	c	18·5	-01	81	59	1	7	-	7	7	-	1	30
3	Cranfield	290	02	32	c	18·4	-01	77	58	1	3	8	7	1	85	1	30
	Elmdon	290	05	64	c	19·2	-03	75	57	1	3	-	7	7	83	1	35
	Wittering	360	09	32	0	19·0	+03	76	58	-	-	7	8	-	-	-	-
	Watnall	360	06	32	bc	18·9	-05	79	59	-	3	-	5	5	-	-	-
4	Little Rissington	340	01	56	c	20·1	+07	72	56	-	7	8	7	5	81	-	-
5	Ross-on-Wye	330	05	81	b	19·9	-05	76	58	1	4	-	2	1	35	-	-
	Shawbury	310	05	81	bc	20·2	+01	73	59	1	-	-	3	3	30	-	-
	Bristol	290	05	56	c	19·9	+00	75	59	1	3	-	7	1	50	-	-
	Exeter	310	11	82	c	20·4	+00	75	61	2	3	-	6	4	-	3	25
	Portland Bill																
6	Plymouth	310	08	81	bc	20·7	+03	70	61	2	3	-	5	3	20	-	-
7	Chivenor	290	12	84	b	21·0	+02	79	60	1	-	-	2	2	20	-	-
8	St. Eval	310	05	81	c	21·8	+04	67	61	5	-	-	7	7	16	-	-
	Lizard	330	03	82	c	21·5	+02	66	60	5	-	-	7	7	13	-	-
	Scilly, St. Mary's	350	08	82	c	21·9	+04	69	62	8	-	-	7	7	14	-	-
9	Guernsey	360	08	40	bc	20·9	+10	68	58	-	-	-	5	5	-	-	-
10	Aberporth	040	05	82	b	20·9	+03	66	61	1	-	1	2	1	15	-	-
	Pembroke	-	0	80	bc	21·3	+04	66	61	2	-	-	5	4	25	-	-
	Holyhead (Valley)	290	07	81	b	20·4	+01	68	60	5	4	-	2	1	-	1	20
	Manchester	330	04	40	bc	20·0	+00	73	61	-	-	-	4	1	50	3	25
11	Squires Gate	280	02	80	c	20·4	+02	66	61	6	3	-	7	7	80	3	07
	Silloth	240	12	81	bc	20·2	+02	67	57	8	3	-	5	1	35	1	25
	Pianingley	360	09	81	c	19·2	+03	76	55	1	3	-	7	7	-	1	35
	Sparn Head	-	0	16	c	19·0	+02	68	61	5	-	-	7	7	30	-	-
	Leeming	340	09	80	c	19·4	+02	75	58	8	-	-	7	7	80	2	35
12	Tynemouth	130	03	32	c	19·8	+02	69	56	2	7	-	6	3	36	-	-
	St. Abb's Head	270	02	80	c	19·0	+03	67	59	6	-	-	6	6	27	-	-
	Leuchars	230	08	83	c	18·9	+04	72	54	2	7	-	7	7	-	3	15
	Eskdalemuir	270	02	81	0	19·5	+04	67	58	8	-	-	8	8	25	-	-
	Prestwick	290	18	82	bc	21·2	+09	65	53	1 ~~8~~	4	2	5	2 4	22	1	14
13A	West Freugh	360	16	82	c	21·4	+11	64	54	8	3	-	7	5	40	1	20
	Ronaldsway	060	08	81	bc	21·0	+10	71	59	2	3	2	4	3	20	-	-
13B	Tiree	320	09	81	bc	21·9	+11	61	52	1	-	5	4	2	20	-	-
	Benbecula	280	12	82	c	21·4	+11	60	50	2	3	6	7	8	23	-	-
	Stornoway	270	09	82	c	20·4	+11	62	50	4	-	2	7	6	30	-	-
14	Cape Wrath	270	13	82	c	19·9	+18	58	50	5	-	5	6	3	25	-	-
	Sule Skerry	270	05	82	c	19·6	+29	60	52	-	6	6	6	6	70	-	-
15	Loch Rannoch																
	Dyce	330	08	80	9	18·7	+06	69	58	8	7	-	8	5	25	1	16
	Lossiemouth	020	04	81	b	19·9	+14	63	58	8	2	-	1	5	40	3	20
16	Wick	300	16	81	c	19·3	+15	62	54	5	-	-	6	6	20	-	-
17	Lerwick	260	15	x4	id.	17·0	+09	56	56	-	-	-	9	9	0	-	-
18	Blacksod Point	350	07	80	c	22·6	+04	62	54	8	-	-	7	7	31	-	-
	Malin Head	300	02	82	bc	22·6	+10	60	52	1	4	-	5	2	36	-	-
	Aldergrove	330	06	82	c	22·0	+07	65	57	5	7	-	7	6	25	-	-
19	Castle Archdale	-	0	81	0	22·1	+06	62	57	5	-	-	8	8	12	-	-
	Birr Castle *	180	05	81	c	20·7	+03	71	63	8	-	-	7	7	30	-	-
	Collinstown *	080	08	81	pr	21·2	+04	67	60	8	-	-	8	5	22	-	-
20	Rineanna *	230	09	81	c	21·5	+05	68	62	8	3	2	7	2	08	-	-
	Valentia *	330	10	81	c	21·9	+02	69	59	6	-	2	7	2	15	-	-
	Midleton *	250	02	81	c	21·5	+03	70	62	8	-	-	7	5	35	2	28

* Rainfall read at 1800.

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

Stations.	Wind. Direction (degrees). (17)	Wind. Speed (kts.). (18)	Visibility (Code figures). (19)	Present Weather. (20)	Pressure. Bar at M.S.L. mb. (21)	Pressure. Change in 3 hrs. (22)	Temp. Dry Bulb. °F. (23)	Temp. Dew point. °F. (24)	Cloud. Form. Low. (25)	Form. Medium. (26)	Form. High. (27)	Total amount. 0-8 (28)	Main layer. 0-8 (29)	Main layer. Ht. (30)	Lowest layer. 0-8 (31)	Lowest layer. Ht. (32)	21 h State of ground (33)
Kew	340	04	72	bc	18·2	+01	81	56	-	7	-	4	4	-	-	-	0
London Airport	340	06	64	bc	18·3	-00	81	55	-	3	-	3	3	84	-	-	0
Lympne	190	02	82	bc	17·8	-07	74	53	-	3	4	5	4	84	-	-	0
Tangmere	250	07	56	c	18·2	-04	77	60	-	7	-	7	7	83	-	-	0
Calshot	260	08	64	c	18·6	-02	75	60	-	3	-	7	7	-	-	-	0
Boscombe Down	330	06	81	bc	19·0	-01	80	59	1	3	-	3	2	81	1	40	0
Felixtowe	080	10	56	bc	17·8	-01	68	61	-	7	-	3	3	80	-	-	0
Gorleston	160	09	32	c	19·1	+01	64	60	5	-	-	6	-	-	-	-	0
West Raynham	190	08	64	bc	18·1	+02	75	59	-	6	-	3	3	19	-	-	0
Mildenhall	360	03	80	pr.	17·6	-02	74	63	5	-	-	7	7	25	-	-	0
Cranfield	360	05	64	b	17·8	-03	78	57	2	-	-	1	1	40	-	-	0
Elmdon	030	15	56	c	19·2	+04	74	61	8	-	-	6	6	45	1	30	0
Wittering	020	07	80	bc	18·5	xx	75	57	8	3	-	4	3	50	1	30	0
Watnall	330	06	80	c	18·8	+00	78	62	-	3	-	7	7	80	-	-	0
Little Rissington	340	01	80	b	18·7	-04	77	54	4	-	-	2	2	40	-	-	0
Ross-on-Wye	080	05	82	b	19·0	-02	79	57	1	-	5	2	1	40	-	-	0
Shawbury	340	18	81	c	20·6	+07	71	~~55~~ 51	5	3	6	6	1	85	3	50	0
Bristol	270	08	80	b	19·4	+01	75	58	-	-	-	0	0	0	-	-	0
Exeter	310	15	82	b	19·8	+02	75	60	1	-	2	2	1	30	-	-	0
Portland Bill																	
Plymouth	330	10	82	c	19·8	+01	73	62	1	-	2	6	1	25	-	-	0
Chivenor	270	13	80	b	20·8	-01	69	63	1	-	5	1	1	20	-	-	0
St. Eval	340	10	81	bc	21·5	+04	65	62	2	4	6	4	1	-	2	13	0
Lizard	360	03	82	bc	21·2	+03	68	61	2	-	-	5	4	20	-	-	0
Scilly, St. Mary's	340	10	82	c	22·0	+02	68	61	5	-	-	7	7	17	-	-	0
Guernsey	330	10	81	0	20·5	+01	68	62	6	-	1	8	1	08	-	-	0
Aberporth	360	02	16	0	20·9	+02	62	61	6	-	-	8	8	01	4	-	0
Pembroke	340	07	72	c	21·0	+00	64	60	1	-	8	7	1	25	-	-	0
Holyhead (Valley)	340	10	81	c	20·3	-02	67	60	2	-	6	7	1	30	-	-	0
Manchester	300	10	81	bc	20·0	+02	73	62	8	3	-	3	1	30	-	-	1
Squires Gate	310	11	83	c	21·1	+03	65	58	1	3	6	6	3	80	1	25	0
Silloth	270	09	83	c	20·3	+03	69	59	2	3	7	7	1	30	-	-	0
Pianingley	070	07	36	bc	19·0	+04	76	61	8	-	-	3	1	35	-	-	0
Sparn Head	070	05	16	c	19·4	+04	62	59	5	-	-	7	7	25	-	-	0
Leeming	030	02	48	c	19·6	+07	72	60	56	-	-	7	7	30	-	-	0
Tynemouth	180	03	32	c	20·2	+01	65	55	5	-	-	7	7	25	-	-	0
St. Abb's Head	180	09	64	c	19·4	+07	67	60	5	-	-	6	6	30	-	-	0
Leuchars	040	15 05	81	c	20·3	+19	62	57	6	-	2	7	2	30	2	08	0
Eskdalemuir	230	02	82	c	19·8	+09	67	55	2	1	6	7	4	25	-	-	0
Prestwick	300	10	83	c	21·6	+02	64	51	5	4	9	7	~~1~~ 1	~~30~~ 30	~~1~~ 1	~~81~~ 81	0
West Freugh	350	12	82	c	21·8	+02	61	52	-	3	8	7	2	83	-	-	0
Ronaldsway	350	09	83	c	21·4	+01	64	55	5	7	8	7	1	60	-	-	0
Tiree	310	06	83	c	23·0	+07	60	50	1	-	8	6	1	25	-	-	0
Benbecula	260	12	82	c	22·5	+06	61	51	8	3	8	7	3	50	1	25	0
Stornoway	250	10	82	c	21·5	+06	60	51	8	-	8	7	4	30	1	20	0
Cape Wrath	270	09	83	0	20·6	+02	57	49	6	-	-	8	8	25	-	-	0
Sule Skerry	270	05	82	c	20·3	+00	59	51	-	1	-	6	6	80	-	-	0
Loch Rannoch																	
Dyce	-	0	80	o/d	21·1	+11	59	55	7	2	-	8	6	30	1	10	1
Lossiemouth	090	08	81	c	21·0	+08	60	54	5	2	6	6	5	30	-	-	0
Wick	310	12	82	c	20·9	+09	59	47	5	3	8	7	5	30	-	-	0
Lerwick	280	15	81	c	18·9	+09	56	49	1	7	8	7	5	-	2	25	1
Blacksod Point	010	13	81	c	22·9	+02	60	52	8	-	-	6	6	28	-	-	0
Malin Head	300	01	82	c	23·2	+02	60	52	1	-	2	6	2	36	-	-	0
Aldergrove	340	06	82	c	22·7	+07	63	55	5	-	-	7	7	30	1	25	0
Castle Archdale	290	05	83	c	22·1	-01	65	57	5	7	-	7	3	15	-	-	0
Birr Castle *	360	05	81	c	20·9	+02	72	62	1	5	-	6	2	35	-	-	0
Collinstown *	090	09	82	c	22·3	+06	63	57	5	3	8	7	1	10	-	-	0
Rineanna *	260	10	83	c	21·4	-01	70	58	8	3	2	6	1	25	-	-	0
Valentia *	320	06	81	c	21·9	+01	64	56	1	-	1	6	1	21	-	-	1
Midleton *	210	07	81	c	21·4	+02	68	63	2	7	1	7	5	84	1	26	1

OBSERVATIONS during DAY (23rd.)

Stations.	Weather. 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine. (36)	Rain 09h.-21h. mm. (37)
Kew	bccybcybz.	82	7·5	-
London Airport	cyby	82	*	-
Lympne	bcycybccbc	80	8·1	-
Tangmere	cyz.	84	10·4	-
Calshot	cz.cz.ycycbc	80	9·4	
Boscombe Down	cybcybc	82	8·5	-
Felixtowe	bccz.bcm.	74	10·2	-
Gorleston	cm.bcm.cm.	67	8·5	-
West Raynham	bcz.cyjrbcz.	80	5·7	-
Mildenhall	cz.cbcycirc	85	9·1	TR
Cranfield	cz.bcybcz.	80	8·9	-
Elmdon	cz.cpr.bycb	79	*	TR
Wittering	cz.bcz.ybcm.	78	9·6	-
Watnall	cz.cym.	79	6·1	-
Little Rissington	cybc	79	7·6	-
Ross-on-Wye	ccbcybyby	82	8·5	-
Shawbury	cr.bcyc	77	4·7	TR
Bristol	cycpr.bcby	80	8·0	TR
Exeter	cbcybycb	78	12·4	-
Portland Bill				
Plymouth	cbcc	77	8·9	-
Chivenor	cbvbc	72	8·7	-
St. Eval	cbcco	69	5·6	-
Lizard	ocbcc	70	*	TR
Scilly, St. Mary's	c	72	6·1	-
Guernsey	cm.cbcb	71	8·0	-
Aberporth	cbcbofocjf	67	5·1	-
Pembroke	cbc	69	6·9	-
Holyhead (Valley)	cbbcc	72	6·7	-
Manchester	cbcw	76	7·4	-
Squires Gate	cbccbc	69	4·8	-
Silloth	bcc	73	*	-
Pianingley	bcycybcz.	81	9·9	-
Sparn Head	cm.	78	7·3	-
Leeming	bccycz.cm.	79	4·7	-
Tynemouth	cm.	69	*	-
St. Abb's Head	ccm.	70	*	-
Leuchars	cyc	76	6·0	-
Eskdalemuir	cbc	70	4·7	-
Prestwick	cbcybc	67	9·1	-
West Freugh	cbccbc	66	*	-
Ronaldsway	bcc	72	5·1	-
Tiree	cbccw	63	14·0	-
Benbecula	bbcc	63	13·0	-
Stornoway	bbcc	66	7·6	-
Cape Wrath	o	69	*	-
Sule Skerry		61	*	-
Loch Rannoch				
Dyce	cm.d.d.m.c	69	0·3	3
Lossiemouth	cc	65	1·9	-
Wick	y	64	5·6	-
Lerwick	ofid.c	69	1·5	-
Blacksod Point	cc	62	2·5	-
Malin Head	cc	61	*	-
Aldergrove	cid.c	68	0·6	TR
Castle Archdale	c	66	0·0	-
Birr Castle *	prc	75	3·8	0·5
Collinstown *	cbcpr	71	4·2	TR
Rineanna *	dbc	72	6·8	TR
Valentia *	dc	66	8·4	0·1
Midleton *	cc	74	5·5	-

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← Cloud heights are in hundreds of feet

* Information not usually received.

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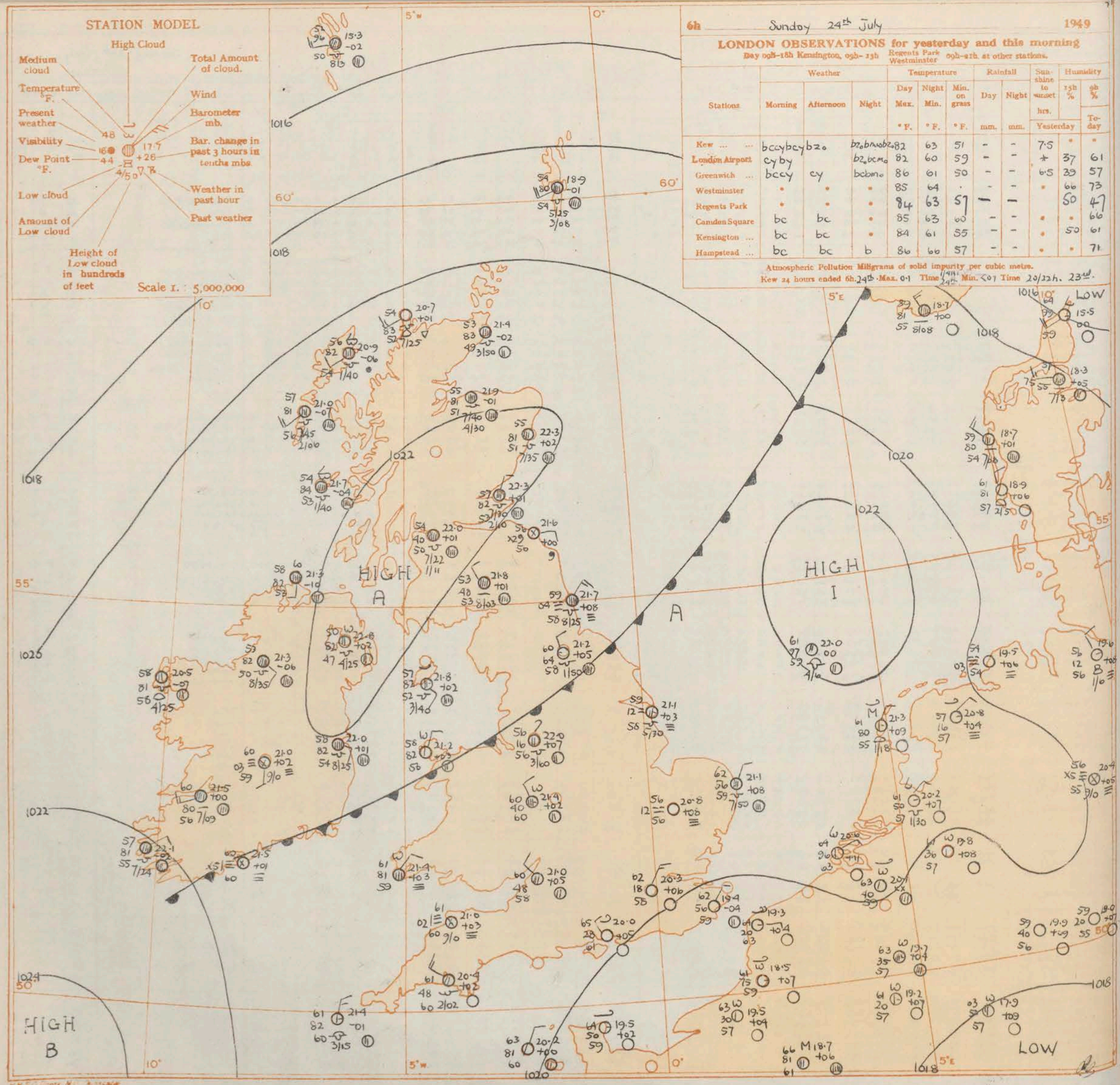
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.



6h Sunday 24th July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–23h Regents Park Westminster 09h–21h. at other stations.

Stations	Weather: Morning	Weather: Afternoon	Weather: Night	Temperature: Day Max. °F.	Temperature: Night Min. °F.	Temperature: Min. on grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to sunset hrs. (Yesterday)	Humidity 15h % (Yesterday)	Humidity 9h % (Today)
Kew	bccybcy	bzo	bzobrwobzo	82	63	51	-	-	7·5	•	•
London Airport	cyby		bzbcmo	82	60	59	-	-	*	37	61
Greenwich ...	bccy	cy	bcbmo	86	61	50	-	-	6·5	39	57
Westminster	•	•	•	85	64	.	-	-	•	66	73
Regents Park	•	•	•	84	63	57	—	—		50	47
Camden Square	bc	bc	•	85	63	60	-	-	•	•	66
Kensington ...	bc	bc	•	84	61	55	-	-	•	50	61
Hampstead ...	bc	bc	b	86	66	57	-	-	•	•	71

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 24th. Max. 0·1 Time 1/4h. 24th. Min. <0·1 Time 20/22h. 23rd.

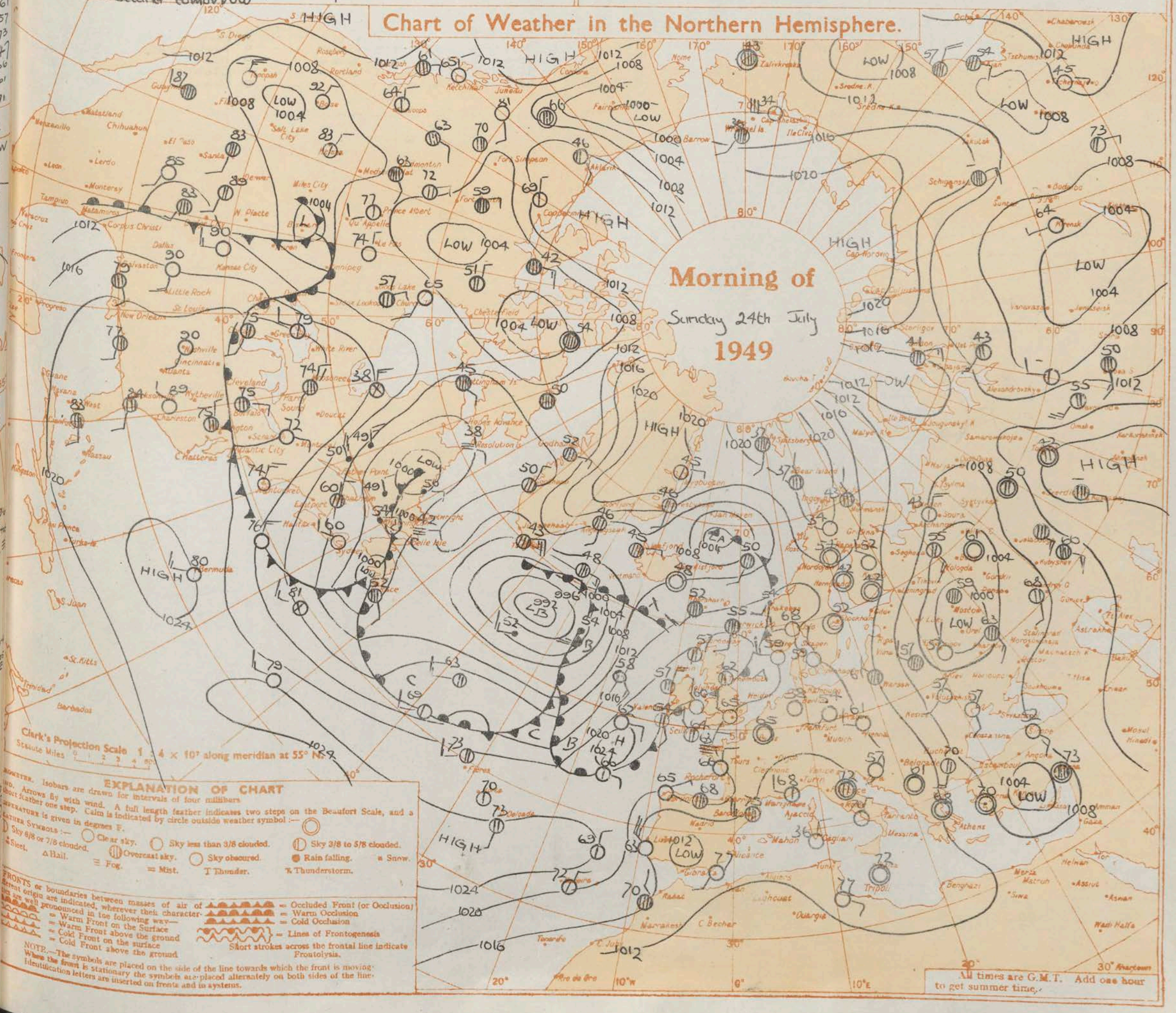
GENERAL INFERENCE

Pressure is fairly uniform and relatively high over the British Isles while a weakening trough of low pressure is approaching our north-west seaboard. It will be fair or fine and very warm over England and Wales, south-west Scotland and Northern Ireland. Cloudier rather warm weather will continue over the remainder of Scotland extending to South-west Scotland to-morrow and local rain is likely in north-west Scotland later to-night and in parts of Northern Ireland and North-east Scotland tomorrow

FURTHER OUTLOOK

Fair or fine and warm over England and Wales.
Fair but after cloudy in Scotland and Northern Ireland.

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 24th July 1949

No. 3202.

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

Division	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form: Low (9)	Cloud: Form: Medium (10)	Cloud: Form: High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt 0-8 (13)	Cloud: Main layer: Ht. (14)	Cloud: Lowest layer: Amt 0-8 (15)	Cloud: Lowest layer: Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	65	•	•	•	•	•	•	•	•	
	London Airport	82	350	06	24	b	19.3	+06	65	58	-	-	-	0	0	0	-	-
1	Lympne ...	341	—	0	64	b	18.6	+01	64	57	-	-	-	0	0	0		
	Tangmere ...	53	—	0	28	b	18.6	+00	62	56	-	4	-	1	1	83	-	-
	Calshot ...	8	340	03	64	b	19.5	+04	68	59	-	-	-	0	0	0	-	—
	Boscombe Down	414	330	03	80	b	20.2	+05	63	60	-	-	-	0	0	0	-	-
2	Felixtowe ...	10	080	07	40	b	19.1	+04	63	58	-	-	-	0	0	0	-	-
	Gorleston ...	5	110	05	56	b	19.5	-02	62	59	-	-	-	0	0	0	-	-
	West Raynham	250	090	08	12	b	19.8	+05	59	57	5	-	-	2	2	40	-	-
	Mildenhall ...	15	—	0	24	b	19.7	+05	66	58	-	-	-	0	0	0	-	-
3	Cranfield ...	340	—	0	32	b	19.4	+08	64	59	-	-	-	0	0	0	-	-
	Elmdon ...	326	290	05	32	b	20.7	+04	61	59	-	-	-	0	0	0	-	-
	Wittering ...	236	—	0	20	b	20.2	+06	60	59	-	-	-	0	0	0	-	-
	Watnall ...	366	350	04	20	b	20.3	+07	61	59	-	-	-	0	0	0	-	-
4	Little Rissington	740	360	1	56	b	20.9	+10	64	61	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	310	08	80	b	21.6	+04	60	58	5	-	-	1	1	60	-	-
5	Bristol ...	209	—	0	56	b	20.4	+05	62	60	-	-	-	0	0	0	-	-
	Exeter ...	100	340	03	80	bc	20.7	+02	61	59	-	4	8	4	1	-	-	-
	Portland Bill	32	360	05	81	bc	19.8	+-	66	59	5	-	-	3	3	30	-	-
	Plymouth ...	90	290	03	80	b	21.1	+03	62	60	-	-	2	2	-	-	-	-
	Chivenor ...	20	—	0	64	bc	21.0	-01	62	61	-	7	2	3	1	81	-	-
	St. Eval ...	396	340	07	64	0	21.5	-03	63	62	6	-	-	8	8	00	-	-
	Lizard ...	240	020	05	80	bc	21.1	+00	63	61	6	-	-	4	4	20	-	-
	Scilly, St. Mary's	163	330	06	83	c	22.2	+00	64	62	5	-	-	7	7	15	-	-
	Guernsey ...	340	340	03	81	b	20.5	-03	61	60	-	4	1	1	1	-	-	-
	Aberporth ...	375	280	01	40	f	21.3	+01	56	50	-	4	8	3	2	-	-	-
6	Pembroke ...	142	340	08	32	b	21.5	+02	60	58	1	-	-	2	2	25	-	-
7	Holyhead (Valley)	32	360	02	81	c	21.3	+04	58	56	-	3	8	7	3	83	-	-
8	Manchester ...	230	270	03	48	b	21.6	+02	59	57	-	-	-	0	0	0	-	-
	Squires Gate...	33	320	10	81	b	21.3	+00	62	57	-	-	1	1	1	86	-	-
	Silloth ...	25	340	10	80	b	21.3	+03	58	51	-	4	-	1	-	10	-	-
9	Finningley ...	52	360	02	24	b	20.5	+06	61	58	5	-	-	2	2	50	-	-
10	Spurn Head ...	29	100	05	24	c	20.0	+00	60	58	5	-	-	6	6	10	-	-
	Leeming ...	105	—	0	14	c	20.8	+04	64	60	5	-	-	6	6	50	-	-
	Tynemouth ...	108	—	0	32	bc	20.9	+02	62	57	5	-	-	4	4	25	-	-
11	St. Abb's Head	280	—	0	X2	f	21.5	+02	57	57	-	-	-	9	9	-	-	-
	Leuchars ...	38	060	08	82	b/r	22.3	+06	57	55	5	-	-	8	8	21	4	15
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	150	05	80	bc	21.9	-03	52	49	-	-	1	5	-	-	-	-
	West Freugh...	52	310	02	80	c	22.1	+02	52	50	-	3	-	7	7	83	-	-
	Ronaldsway ...	55	—	0	82	bc	21.7	-01	58	53	-	3	-	4	4	83	-	-
13a	Tiree ...	29	330	05	83	bc	22.5	-03	52	50	-	-	8	4	-	-	-	-
13b	Benbecula ...	16	—	0	82	bc	22.2	-01	57	53	8	3	1	5	3	45	1	24
	Stornoway ...	10	240	05	80	bc	21.9	+00	52	50	5	4	-	3	1	40	-	-
	Cape Wrath ...	367	270	09	83	bc	20.9	-03	55	51	5	-	-	5	5	25	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	—	0	83	0	22.4	+02	55	52	5	-	-	8	8	35	-	-
	Lossiemouth...	21	—	0	81	c	22.0	+00	53	50	5	-	-	7	6	30	-	-
	Wick ...	119	210	04	82	bc	21.9	+04	54	49	5	-	1	4	3	30	-	-
16	Lerwick ...	269	240	06	82	0	19.4	+01	53	52	5	2	-	8	8	-	6	65
17	Blacksod Point	18	010	11	81	bc	22.2	-05	57	53	8	-	-	5	5	35	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	—	0	81	bc	23.0	+00	51	49	5	3	-	4	2	28	-	-
	Castle Archdale	225	—	0	80	0	22.3	+02	58	52	5	-	-	8	8	35	-	-
19	Birr Castle ... *	187	020	05	81	c	21.0	+02	64	61	5	-	-	6	6	40	-	-
	Colinstown ... *	226	090	05	81	c	22.4	+00	57	53	5	3	-	7	6	84	1	14
	Rineanna ... *	10	320	05	82	bc	21.7	-03	60	59	5	3	-	5	4	25	-	-
20	Valentia ... *	30	180	04	82	bc	22.2	+00	54	53	4	-	2	4	1	27	-	-
	Midleton ... *	30	—	0	80	b	21.4	-02	56	55	-	3	-	1	1	83	-	-

* Rainfall read at 0600.

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

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (22)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt 0-8 (31)	Cloud: Lowest layer: Ht. (32)	9 h. State of ground (33)	OBSERVATIONS Saturday NIGHT: Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h.: Min. °F. (39)	Temperature 21 h.-09 h.: Min. on Grass °F. (40)	Rain mm. (41)
Kew ...	—	0	16	b	20.2	+04	65	60	—	7	1	1	1	—	—	—	0	b20bmwb20y	63	51	—
London Airport	360	07	18	b	20.3	+06	62	58	—	7	9	1	1	89	—	—	0	b20bcmobzo	60	59	—
Lympne ...	030	02	56	b	19.9	-04	62	57	—	—	—	0	0	0	—	—	0	bcbcb	59	54	—
Tangmere ...	020	10	32	b	19.2	+05	63	58	—	—	1	1	—	—	—	—	0	c20b20y	61	55	—
Calshot ...	350	06	28	2	20.0	+05	65	61	—	—	1	1	—	—	—	—	0	bbmob20	65	60	—
Boscombe Down	310	09	24	b	20.8	+06	61	59	—	—	—	0	0	0	—	—	0	bcb	60	55	—
Felixtowe ...	070	02	80	bc	20.0	+05	63	58	—	3	—	3	3	81	—	—	0	b	60	56	—
Gorleston ...	050	03	56	c	21.1	+08	62	59	5	—	—	7	7	50	—	—	0	bmobcwcbc	61	58	—
West Raynham	090	04	24	bc	20.5	+07	59	57	5	—	2	4	2	35	—	—	0	bcmobmmb	56	48	—
Mildenhall ...	—	0	12	b	20.8	+08	56	56	—	—	1	1	—	—	—	—	0	bmo9fb	54	52	tr
Cranfield ...	—	0	08	b	20.2	+08	60	58	—	—	9	1	—	—	—	—	0	bcb20mom	58	51	—
Elmdon ...	310	05	20	c	21.4	+07	60	58	5	3	—	7	7	60	—	—	0	bmocmo	55	49	—
Wittering ...	050	07	01	f-	21.0	+10	59	59	—	—	—	9	9	—	—	—	1	bcmobmofom	56	55	—
Watnall ...	330	02	07	b	21.0	+04	60	58	5	—	1	2	2	45	—	—	0	cmobmoc20	57	59	—
Little Rissington	340	08	22	2	21.5	+04	61	57	—	—	9	5	—	—	—	—	0	bc20	59	56	—
Ross-on-Wye	360	03	81	c	22.0	+02	60	57	—	3	1	6	—	—	—	—	0	bcbbccb	58	*	—
Shawbury ...	360	02	81	bc	21.8	+05	60	54	5	3	8	5	2	83	2	45	0	cbcwb	58	55	—
Bristol ...	350	03	48	c	21.0	+05	60	58	—	—	2	6	—	—	—	—	0	ocbwb	59	49	—
Exeter ...	010	04	X4	f	20.7	+01	60	60	—	—	—	9	9	—	—	—	0	bcomowofbcmo	59	55	—
Portland Bill																	0	bcbcbc2	63	*	—
Plymouth ...	310	07	48	2	20.4	+02	61	60	6	3	2	4	2	02	—	—	0	cbcbwbbcmob	60	57	—
Chivenor ...	—	0	02	f+	21.0	+03	61	60	—	—	—	9	9	—	—	—	0	cwfcmob	59	55	—
St. Eval ...	340	02	32	bc	21.2	00	62	61	6	3	—	7	1	—	7	08	0	cmocbcb	60	59	—
Lizard ...	040	07	80	bc	20.7	00	61	61	6	3	8	4	1	20	—	—	0	bcwbc	59	*	—
Scilly, St. Mary's	360	08	82	bc	21.4	-01	61	60	4	—	—	3	3	15	—	—	0	bcwc	60	*	—
Guernsey ...	360	03	81	b	20.2	-05	63	60	—	—	5	2	—	—	—	—	0	bubcb	60	57	—
Aberporth ...	—	0	80	bc	21.2	+02	58	58	—	3	3	5	5	—	—	—	0	bcjfcifbcfgbbcjf	56	47	tr
Pembroke ...	020	05	81	bc	21.5	+03	61	58	—	3	1	5	3	83	—	—	0	bcmobc	60	*	—
Holyhead (Valley)	020	05	82	b	21.2	+03	58	56	—	3	2	2	1	80	—	—	0	cbbccb	55	51	—
Manchester ...	—	0	16	bc	22.0	+07	56	56	5	—	4	4	3	60	—	—	0	cbcwb	55	50	—
Squires Gate...	330	05	81	bc	21.7	+05	60	56	2	3	4	4	1	35	—	—	0	bbc	57	50	—
Silloth ...	060	06	02	f-	21.5	+01	53	53	—	—	—	9	9	—	—	—	0	bcbofbcb	50	49	—
Finningley ...	360	02	04	bcf-	21.1	+05	59	57	—	3	—	3	3	—	—	—	0	bcmoofc20	55	52	—
Spurn Head ...	—	0	12	bc	21.1	+03	59	58	5	—	—	5	5	30	—	—	0	cmo	58	*	—
Leeming ...	340	02	64	b	21.2	+05	60	58	5	—	1	1	1	50	—	—	0	bcmbcmo	59	56	—
Tynemouth ...	050	07	04	of-	21.7	+08	59	58	6	—	—	8	8	25	—	—	0	cmooffomo	58	56	—
St. Abb's Head	090	05	X2	ido	21.6	00	56	56	—	—	—	9	9	—	—	—	1	offoffido	52	*	0.4
Leuchars ...	040	01	82	c	22.3	+01	57	53	6	—	—	7	7	30	2	10	0	firoc	57	56	tr
Eskdalemuir...	310	03	48	o	21.8	+01	53	53	6	—	—	8	8	03	—	—	0	bcomobc	48	41	—
Prestwick ...	090	02	83	b	22.0	00	51	48	—	3	1	2	—	—	—	—	0	bccbcwbwb	47	43	—
West Freugh...	—	0	81	b	21.8	-01	51	50	—	3	1	1	1	83	—	—	0	bccb	49	36	—
Ronaldsway ...	160	06	82	bc	21.8	+02	57	52	5	—	1	5	3	40	—	—	0	cbccbcb	52	48	—
Tiree ...	—	0	89	c	21.7	-04	54	53	5	7	—	7	7	81	1	40	0	pcwc	51	42	—
Benbecula ...	210	07	81	c	21.0	-07	57	56	5	—	—	7	7	45	2	07	0	bcc	55	50	—
Stornoway ...	210	04	82	c	20.9	-06	56	54	6	7	—	7	7	83	1	40	1	cbwcidoc	51	42	tr
Cape Wrath ...	230	09	83	c	20.7	+01	54	52	8	—	—	7	7	25	—	—	1	oprc	53	51	0.4
Sule Skerry ...	230	05	81	pro	20.7	00	56	54	5	—	—	8	8	15	—	—	1	pr.	54	54	0.2
Loch Rannoch																					
Dyce ...	—	0	81	c	22.3	+02	55	51	5	—	—	7	7	35	—	—	1	c	54	53	—
Lossiemouth...	—	0	81	c	21.9	-01	55	51	5	—	—	7	7	40	4	30	0	c	52	44	—
Wick ...	—	0	83	o	21.4	-02	53	49	5	7	—	8	8	-	3	50	0	bcciroc	51	47	tr
Lerwick ...	260	12	80	o	18.9	-01	54	54	5	—	—	8	5	25	3	08	1	cdodomoc	53	50	—
Blacksod Point	—	0	81	bc	20.5	-07	58	55	8	—	—	4	4	25	—	—	0	bbc	55	45	—
Malin Head ...	160	02	82	c	21.3	-10	58	53	—	5	—	6	6	83	—	—	0	c	47	*	—
Aldergrove ...	—	0	82	bc	22.8	+02	50	47	5	3	1	5	4	25	—	—	0	cbcbbc	49	41	—
Castle Archdale	110	02	82	o	21.3	-06	53	50	5	—	—	8	8	35	—	—	0	c	53	48	—
Birr Castle ... *	180	05	03	f	21.0	+02	60	59	—	—	—	9	9	—	—	—	0	cf	58	53	—
Colinstown ... *	100	06	82	o	22.0	+01	58	54	5	—	—	8	8	25	—	—	0	c	56	55	—
Rineanna ... *	260	10	80	o	21.5	00	60	56	6	—	—	8	7	09	—	—	0	c	58	51	—
Valentia ... *	050	04	81	o	22.1	-02	57	55	5	—	—	8	7	24	—	—	1	c	53	49	tr
Midleton ... *	—	0	X5	f+	21.5	+01	60	60	—	—	—	9	9	—	—	—	1	bf.	56	50	tr

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 25th July 1949
No. 32022

OBSERVATIONS at 12h. G.M.T. 24th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew	020	04	46	b	20·1	-03	79	56	1	-	-	1	1	31	-	-
	London Airport	360	02	48	b	20·2	+02	81	59	1	-	1	1	1	50	-	-
1	Lympne	100	08	36	b	19·6	+00	79	59	-	-	-	0	0	0	-	-
	Tangmere	090	08	40	bc	19·5	+00	83	55	1	-	-	4	4	30	-	-
	Calshot	-	0	40	z	19·8	-02	82	59	2	-	-	3	3	30	-	-
	Boscombe Down	010	02	56	bc	20·1	-04	80	60	1	-	-	4	4	35	-	-
2	Felixtowe	080	08	56	b	20·7	+03	69	62	-	-	-	0	0	0	-	-
	Gorleston	090	05	40	b	21·4	+02	66	60	-	4	1	2	1	-	-	-
	West Raynham	120	10	81	b	20·4	-01	76	59	1	-	1	1	1	35	-	-
	Mildenhall	-	0	72	b	20·6	-01	80	59	1	-	1	1	1	35	-	-
3	Cranfield	030	05	40	b	20·0	-03	74	60	-	-	1	1	-	-	-	-
	Elmdon	290	02	32	bc	20·4	-09	76	63	2	-	-	4	4	30	-	-
	Wittering	050	06	50	b	20·8	-09	75	60	-	-	1	1	-	-	-	-
	Watnall	-	0	32	bc	20·8	-01	77	59	-	3	1	3	3	80	-	-
4	Little Rissington	360	08	64	bc	20·3	-06	77	62	2	-	-	3	3	30	-	-
	Ross-on-Wye	290	05	81	b	20·5	-09	81	60	2	-	-	2	2	35	-	-
	Shawbury	340	05	81	b	21·2	-07	74	57	2	-	1	1	1	30	-	-
5	Bristol	340	03	64	b	20·3	-08	80	62	2	-	-	2	2	35	-	-
	Exeter	-	0	80	bc	20·1	-07	79	64	1	-	1	4	3	25	-	-
	Portland Bill	270	02	48	z	21·0	+03	75	65	2	3	1	3	2	25	-	-
	Plymouth	200	08	80	bc	20·8	+01	73	62	2	-	1	3	3	25	-	-
	Chivenor	270	11	81	b	20·7	-04	77	64	3	-	-	1	1	20	-	-
	St. Eval	230	07	80	bc	21·4	-00	69	64	2	-	1	3	1	15	-	-
	Lizard	-	0	80	b	20·9	xx	71	60	2	-	5	2	2	30	-	-
	Scilly, St. Mary's	360	06	82	c	21·9	+00	70	63	5	-	-	6	6	15	-	-
	Guernsey	350	05	80	b	20·6	+04	72	62	-	-	1	1	-	-	-	-
	Aberporth	050	01	85	jf	21·0	-04	69	61	2	+00	-	5	2	15	2	-
6	Pembroke	310	07	81	bc	21·7	+00	69	63	2	-	8	4	1	25	-	-
7	Holyhead (Valley)	230	04	82	b	20·8	-03	74	59	2	3	-	1	1	90	1	30
8	Manchester	320	05	48	bc	21·2	-09	74	59	1	-	1	5	4	35	-	-
	Squires Gate	290	03	52	bc	21·7	-02	68	52	2	3	-	3	1	35	-	-
	Silloth	-	0	81	b	21·4	-02	65	54	1	4	1	1	1	30	-	-
9	Hawarden	090	05	44	b	20·9	-04	78	59	1	-	-	1	1	35	-	-
10	Sparn Head	110	03	34	z	21·6	+00	70	60	-	4	-	2	2	60	-	-
	Leeming	140	04	24	bc	20·5	-09	75	60	1	-	-	3	3	30	-	-
	Tynemouth	-	0	10	o	22·0	-02	61	58	6	-	-	8	8	09	-	-
11	St. Abb's Head	130	02	24	o	21·1	-09	58	56	6	-	-	8	8	20	-	-
	Leuchars	080	03	64	i/o	21·5	-06	60	56	5	-	-	8	8	12	7	07
12	Eskdalemuir	180	02	82	b	20·3	-07	68	53	-	7	1	1	1	84	-	-
	Prestwick	270	11	83	b	21·2	-02	65	50	-	3	-	2	2	84	-	-
	West Freugh	170	05	82	b	21·4	-04	67	59	-	4	7	1	1	84	-	-
	Ronaldsway	130	09	82	bc	21·7	-04	65	54	5	-	-	5	5	35	-	-
13A	Tiree	150	12	83	b	21·1	-03	61	53	1	7	-	2	1	20	-	-
13B	Benbecula	200	09	83	bc	19·7	-10	62	55	8	3	-	5	5	84	1	50
	Stornoway	160	10	83	c	19·5	-10	62	55	2	3	-	7	6	80	3	35
	Cape Wrath	270	13	83	c	19·7	-04	57	53	8	-	-	7	7	25	-	-
	Sule Skerry	230	05	81	bc	20·7	+00	60	54	-	7	-	5	5	80	-	-
14	Loch Rannoch																
15	Dyce	170	15	87	bc	20·8	-09	65	48	1	3	-	5	1	25	-	-
	Lossiemouth	110	12	82	c	19·8	-13	61	53	1	3	-	6	4	81	2	30
	Wick	170	04	85	bc	20·0	-09	63	48	1	3	1	4	1	30	-	-
16	Lerwick	260	18	80	c	18·8	-01	59	56	6	5	8	6	3	04	-	-
17	Blacknod Point	210	09	81	c	20·9	+01	60	50	8	-	-	7	7	29	-	-
18	Malin Head	090	02	82	o	20·6	-05	60	54	5	2	-	8	8	83	5	31
	Aldergrove	210	06	81	c	21·2	-08	67	58	5	3	-	7	6	30	1	22
	Castle Archdale	230	07	81	o	20·6	-04	63	55	5	-	-	8	8	25	-	-
19	Birr Castle	180	09	87	c	21·0	-05	68	60	4	-	-	7	7	35	-	-
	Collinstown	130	08	82	bc	21·2	-07	68	58	8	3	-	3	3	25	-	-
	Rineanna	240	07	81	o	22·1	+00	64	56	6	-	-	8	8	18	-	-
20	Valentia	180	08	80	o/d	21·8	+00	65	59	6	-	-	8	8	17	-	-
	Midleton	210	05	82	bc	21·6	-03	73	61	1	-	-	3	3	24	-	-

* Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 24th July

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer Ht. (32)	21 h State of ground (33)
Kew	110	06	30	b	18·8	-04	80	56	1	-	-	2	2	35	-	-	0
London Airport	090	12	40	bc	18·9	-07	82	57	2	-	-	3	3	50	-	-	0
Lympne	000	08	48	b	19·6	+01	75	56	-	-	-	0	0	0	-	-	0
Tangmere	180	07	32	b	19·0	-03	74	62	-	-	-	0	0	0	-	-	0
Calshot	280	07	32	z	19·0	-05	79	54	-	-	-	0	0	0	-	-	0
Boscombe Down	050	02	56	bc	18·9	-05	81	60	2	-	-	4	4	30	-	-	0
Felixtowe	070	09	56	b	20·4	-06	67	58	-	-	1	1	-	-	-	-	0
Gorleston	110	07	80	b	20·8	-04	64	58	-	-	1	1	-	-	-	-	0
West Raynham	120	13	80	bc	19·7	+01	73	61	5	-	1	5	3	35	-	-	0
Mildenhall	180	03	82	c	19·4	-04	78	58	2	-	1	6	6	35	-	-	0
Cranfield	050	05	56	bc	18·6	-06	80	59	2	-	-	1	1	40	-	-	0
Elmdon	020	05	81	b	19·3	-09	76	59	4	-	-	2	2	32	-	-	0
Wittering	090	02	48	b	19·3	-09	78	63	2	4	-	2	1	35	-	-	0
Watnall	300	07	81	bc	19·4	-07	79	57	2	-	2	3	2	35	-	-	0
Little Rissington	020	02	80	bc	18·8	-09	79	57	2	-	-	4	4	45	-	-	0
Ross-on-Wye	300	02	81	bc	19·5	-06	81	60	2	3	-	5	4	35	-	-	0
Shawbury	020	08	81	bc	19·7	-06	78	56	4	4	-	3	3	35	-	-	0
Bristol	270	03	81	bc	18·9	-05	81	59	2	-	-	3	3	35	-	-	0
Exeter	230	05	81	b	20·8	+14	80	62	1	4	-	1	1	25	-	-	0
Portland Bill	340	05	48	z	20·2	-05	72	64	-	-	-	0	0	0	-	-	0
Plymouth	230	04	82	b	19·8	-06	74	66	2	-	-	1	1	30	-	-	0
Chivenor	310	11	81	b	20·2	+02	70	62	-	-	-	0	0	0	-	-	0
St. Eval	320	10	64	c	21·1	-01	65	63	5	-	-	7	7	12	-	-	0
Lizard	020	02	64	b	20·1	-04	73	64	-	-	-	0	0	0	-	-	0
Scilly, St. Mary's	350	09	82	o	21·4	-06	68	61	5	-	-	8	8	15	-	-	0
Guernsey	350	06	40	z	19·8	-06	72	61	-	-	-	0	0	0	-	-	0
Aberporth	040	02	82	b	20·8	-00	66	62	-	-	-	0	0	0	-	-	0
Pembroke	310	09	81	bc	20·7	-02	70	58	2	-	8	3	1	25	-	-	0
Holyhead (Valley)	020	09	84	b	19·5	-08	75	60	1	-	-	1	1	35	-	-	0
Manchester	310	08	82	b	20·3	-20	75	58	1	-	1	1	1	40	-	-	0
Squires Gate	330	06	84	b	20·1	-06	70	52	-	-	2	1	1	-	-	-	0
Silloth	240	15	82	b	20·6	-05	66	55	1	6	1	1	1	25	-	-	0
Hawarden	360	03	56	c	19·6	-05	76	62	8	-	-	7	7	40	3	30	0
Sparn Head	160	05	24	z	20·4	-11	66	59	-	3	-	4	4	60	-	-	0
Leeming	270	08	81	b	19·5	-05	77	57	1	-	1	2	2	35	-	-	0
Tynemouth	130	09	12	o	20·8	-06	60	58	6	-	-	8	8	07	-	-	0
St. Abb's Head	130	13	x3	f	19·4	-11	58	56	-	-	-	9	9	0	-	-	0
Leuchars	150	04	82	b	19·5	-11	65	58	-	3	-	1	1	-	-	-	1
Eskdalemuir	200	08	83	b	19·3	-07	69	54	4	-	-	1	1	25	-	-	0
Prestwick	070	07	83	c	20·3	-09	64	55	8	-	-	7	7	45	-	-	0
West Freugh	180	06	82	c	20·5	-07	63	53	5	-	-	7	5	60	3	30	0
Ronaldsway	140	05	83	b	20·7	-10	64	56	1	-	-	1	-	-	-	-	0
Tiree	180	10	82	c	20·0	-07	62	56	8	-	-	7	7	60	1	30	0
Benbecula	200	12	82	c	19·7	-09	62	56	5	-	-	7	7	27	-	-	0
Stornoway	190	11	83	b	18·3	-10	64	53	1	5	-	2	1	87	1	40	0
Cape Wrath	230	02	83	bc	19·1	-06	60	50	1	3	-	4	2	25	-	-	0
Sule Skerry	230	02	82	c	19·5	-05	60	56	5	-	-	6	4	80	2	15	0
Loch Rannoch																	
Dyce	180	14	80	bc	18·9	-11	61	57	7	8	-	4	3	10	-	-	0
Lossiemouth	090	12	83	bc	17·8	-13	67	57	1	3	-	3	2	81	1	22	0
Wick	070	04	83	bc	18·9	-09	61	54	-	7	-	5	5	-	-	-	0
Lerwick	250	12	80	r/o	18·2	-04	55	55	6	2	-	8	4	08	-	-	1
Blacknod Point	210	09	81	bc	20·9	-04	62	55	1	3	-	4	3	84	1	31	0
Malin Head	270	02	82	bc	20·3	+01	61	57	1	-	-	5	5	31	-	-	0
Aldergrove	240	11	82	bc	20·0	-09	71	59	8	-	-	3	1	40	3	25	0
Castle Archdale	250	09	82	c	20·4	-02	64	55	5	-	-	6	6	25	-	-	0
Birr Castle	220	09	81	b	20·4	-10	71	58	1	-	-	2	2	35	-	-	0
Collinstown	140	03	82	bc	20·1	-06	65	58	8	-	-	5	4	45	1	25	0
Rineanna	280	08	83	b	20·6	-10	71	61	4	-	-	1	1	33	-	-	0
Valentia	200	08	81	o	21·2	-05	65	60	6	-	-	8	8	14	-	-	1
Midleton	180	07	82	b	20·4	-08	73	63	2	-	-	2	2	28	-	-	0

OBSERVATIONS during DAY (24th)

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. ins. (37)
Kew	bz.ybybcz.ybz.y	84	10·0	-
London Airport	bz.y bcy bz.y	86		-
Lympne	bbyb	81	13·0	-
Tangmere	bcbz.	85	12·6	-
Calshot	bz.ybcz.ybz.	85	13·0	-
Boscombe Down	~~bcy~~ by bcy.	83	7·7	-
Felixtowe	bbc	72	11·8	-
Gorleston	bz.bcz.b	68	11·5	-
West Raynham	bybcycbc	80	11·0	-
Mildenhall	bbccby	85	8·4	-
Cranfield	bz.bybz.	81	12·6	-
Elmdon	cm.bz.bcyb	80		-
Wittering	ombz.ybcz.bm.	80	7·6	-
Watnall	~~bczyb~~ cpcz.yb.	81	6·9	-
Little Rissington	bcz.bcbcy	80	11·0	-
Ross-on-Wye	bcbycbycy	82	9·1	-
Shawbury	~~bbybcyb~~ b by bcy	79	13·0	-
Bristol	bbcyc	85	10·8	-
Exeter	bcm.bcbyb	83	11·7	-
Portland Bill	bczbczbzbcz	75		-
Plymouth	bbcbcm	75	13·4	-
Chivenor	bbyb	81	11·5	-
St. Eval	bbccm.	70	10·5	-
Lizard	bcbm.	75		-
Scilly, St. Mary's	bcc	72	6·5	-
Guernsey	bbzm.	75	14·2	-
Aberporth	bcjfcbjf	70	12·9	-
Pembroke	bcbc	72	14·7	-
Holyhead (Valley)	byy	76	14·6	-
Manchester	bcybw	79	13·5	-
Squires Gate	bcbbyb	73	14·9	-
Silloth	bbcybyb	66		-
Hawarden	cz.bcz.ycbc	80	6·8	-
Sparn Head	bcm.bbcz.cm.	71	12·1	-
Leeming	bcm.bybm.	80	10·2	-
Tynemouth	om.cm	63		-
St. Abb's Head	cmbcmoF	63		-
Leuchars	cid.cbm.b	66	7·6	TR
Eskdalemuir	bcbyb	72	10·8	-
Prestwick	bcbyc	~~71~~ 70	11·9	-
West Freugh	bbcbc	69		-
Ronaldsway	bbcbbcc	67	13·6	-
Tiree	bcbc	69	7·7	-
Benbecula	bcc	63	6·3	-
Stornoway	cbcbc	66	7·2	-
Cape Wrath	c	62		-
Sule Skerry		62		-
Loch Rannoch				
Dyce	cbc	67	7·9	-
Lossiemouth	cbc	67	16·0	-
Wick	cbcyc	69	6·6	-
Lerwick	cbccr.r.c	62	2·6	1
Blacknod Point	cbc	65	5·5	-
Malin Head	c c	68		-
Aldergrove	bccbcc	74	8·7	-
Castle Archdale	cbcb	66	4·0	-
Birr Castle	cb	72	6·5	-
Collinstown	cbc	70	7·8	-
Rineanna	cb	72	6·4	-
Valentia	qpr	69	1·1	0·1
Midleton	fbc	74	5·9	-

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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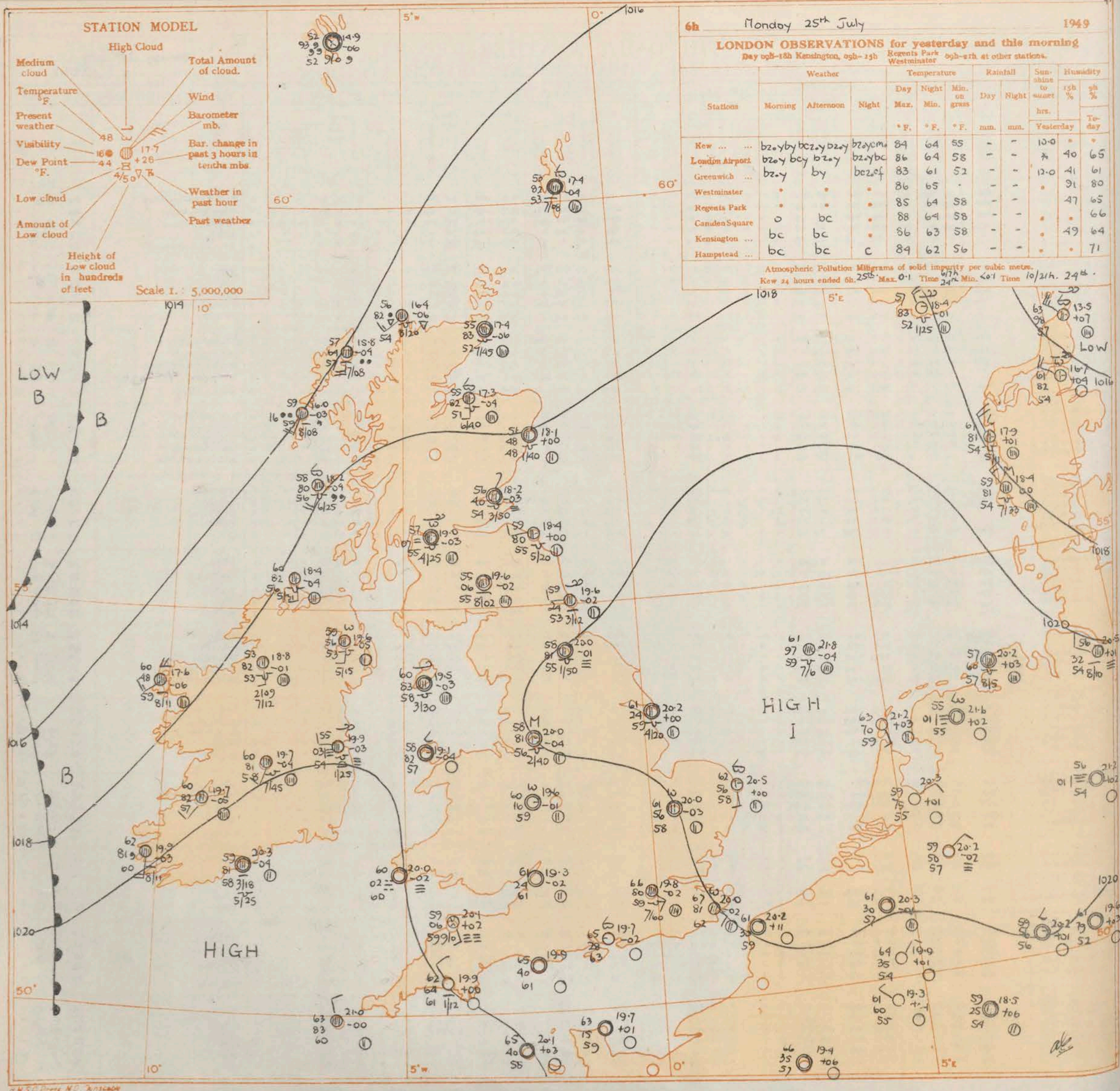
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

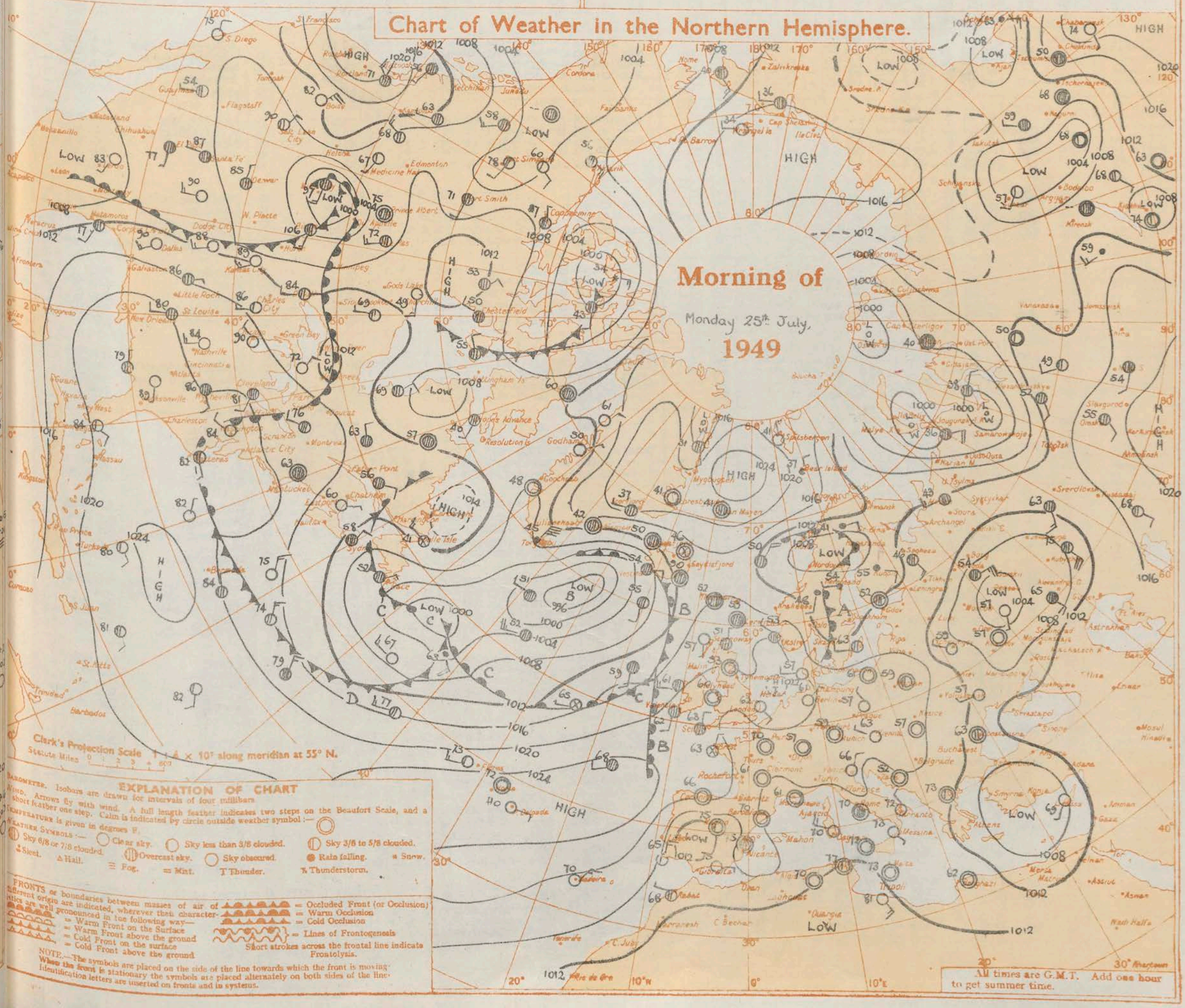

STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in tenths mbs.
Dew Point °F.
Low cloud
Weather in past hour
Amount of Low cloud
Past weather
Height of Low cloud in hundreds of feet
Scale 1. : 5,000,000
6h Monday 25th July 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–23h Regents Park Westminster 09h–21h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min. °F., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 15h % Yesterday, 9h % To-day
Kew ... bz.y by bc z.y bz.y bz.y cm 84 64 55 - - 10.0 * *
London Airport bz.y bc y bz.y bz.y bc 86 64 58 - - * 40 65
Greenwich ... bz.y by bc z.c f 83 61 52 - - 12.0 41 61
Westminster * * * 86 65 · - - * 91 80
Regents Park * * * 85 64 58 - - 47 65
Camden Square o bc * 88 64 58 - - * * 66
Kensington ... bc bc * 86 63 58 - - * 49 64
Hampstead ... bc bc c 84 62 56 - - * * 71
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 25th. Max. 0.1 Time 6/7h 24th Min. <0.1 Time 10/21h. 24th.
LOW
B
HIGH
I
LOW
HIGH

GENERAL INFERENCE

A weak trough of low pressure approaching West Scotland and Northwest Ireland will give cloudy conditions with some rain or drizzle in those districts, but elsewhere in the British Isles weather will continue fair or fine and very warm or hot. There will be some fog patches in coastal areas in the Southwest, and around dawn to-morrow in the East of England.

FURTHER OUTLOOK

Continuing fair or fine and very warm in most districts, but cloudy with occasional rain or drizzle in the Northwest.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday. 25th July 1949

No. 32022

OBSERVATIONS at 00hr G.M.T. 25th July

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low (9)	Cloud: Form: Medium (10)	Cloud: Form: High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt. 0-8 (13)	Cloud: Main layer: Ht. (14)	Cloud: Lowest layer: Amt. 0-8 (15)	Cloud: Lowest layer: Ht. (16)
0	Kew	18	*	*	*	*	*	*	67	*	*	*	*	*	*	*	*	-
	London Airport	82	080	05	32	b	20·6	+07	68	59	-	-	-	0	0	0	-	-
1	Lympne ...	341	080	08	64	b	20·4	-01	63	58	-	-	-	0	0	0	-	-
	Tangmere ...	53	-	0	28	b	20·2	+03	62	57	-	-	-	0	0	0	-	-
	Calshot ...	8	110	09	29	2	20·1	+03	68	63	-	-	-	0	0	0	-	-
	Boscombe Down	414	-	0	24	b	19·9	+04	64	62	-	-	-	0	0	0	-	-
2	Felixtowe ...	10	080	04	64	b	20·6	-01	63	57	-	-	-	0	0	0	-	-
	Gorleston ...	5	160	10	72	b	20·3	-01	62	55	-	-	-	0	0	0	-	-
	West Raynham	250	160	10	64	b	20·5	+01	59	55	-	-	-	0	0	0	-	-
	Mildenhall ...	15	-	0	64	b	20·7	+02	61	57	-	-	-	0	0	0	-	-
3	Cranfield ...	340	130	03	32	bc	20·0	+07	66	56	-	-	2	4	-	-	-	-
	Elmdon ...	328	-	0	80	bc	20·6	+05	61	59	-	3	-	4	4	-	-	-
	Wittering ...	236	180	03	24	b	20·4	+05	64	57	-	-	-	0	0	0	-	-
	Watnall ..	386	360	08	72	b	20·3	-01	63	58	-	-	2	2	-	-	-	-
4	Little Rissington	740	110	10	48	b	20·4	+09	69	58	5	-	-	1	1	70	-	-
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury ...	235	-	0	81	bc	20·8	+04	66	59	5	-	-	5	5	70	-	-
5	Bristol ...	209	-	0	64	bc	19·7	+01	64	62	-	-	2	3	-	-	-	-
	Exeter ...	100	-	0	64	b	20·1	+00	63	60	-	-	-	0	0	0	-	-
	Portland Bill	32	310	05	48	2	19·7	-03	69	60	-	-	-	0	0	0	-	-
	Plymouth ...	90	-	0	80	b	20·3	+00	65	61	-	-	-	0	0	0	-	-
	Chivenor ...	20	090	02	81	b	20·6	-01	61	59	-	-	-	0	0	0	-	-
	St. Eval ...	336	360	02	x7	of+	21·0	+04*	61	61	6	-	-	8	8	-	-	-
	Lizard ...	240	050	08	64	b	20·4	+02	62	59	-	-	-	0	0	0	-	-
	Scilly, St. Mary's	163	340	07	83	c	21·4	+01	63	61	5	-	-	7	7	15	-	-
	Guernsey ...	340	-	0	80	b	20·5	+02	65	62	-	-	-	0	0	0	-	-
	Aberporth ...	375	-	0	81	b	20·7	+00	56	56	-	-	-	0	0	0	-	-
6	Pembroke ...	142	310	04	81	b	20·7	-01	62	60	-	-	-	0	0	0	-	-
7	Holyhead (Valley)	32	-	0	82	b	20·0	-03	60	56	-	-	-	0	0	0	-	-
8	Manchester ...	230	-	0	56	b	20·8	+00	59	57	4	-	-	1	1	40	-	-
	Squires Gate...	33	-	0	80	b	20·9	+00	56	54	-	-	-	0	0	0	-	-
	Silloth ...	25	-	0	81	b	20·2	+02	60	57	5	-	-	2	2	45	-	-
9	Finningley ...	52	-	0	24	bc	20·3	+04	62	60	5	-	-	5	5	49	-	-
10	Spurn Head ...	29	160	03	56	b	20·2	+00	63	61	-	-	-	0	0	0	-	-
	Leeming ...	105	-	0	x5	bf+	20·6	+04*	56	56	-	-	-	0	0	0	-	-
	Tynemouth ...	108	270	04	16	bc/f	20·4	-02	57	56	6	-	-	3	3	07	-	-
11	St. Abb's Head	280	270	05	48	bc	19·3	+02	62	53	5	-	-	3	3	30	-	-
	Leuchars ...	36	-	0	x4	bf	19·5	-01	53	53	-	-	-	0	0	0	-	-
12	Eskdalemuir...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick ...	30	-	0	81	b	20·0	-02	57	54	5	-	-	2	2	45	-	-
	West Freugh...	52	200	02	80	b	20·2	-03	58	55	5	4	-	2	2	40	-	-
	Ronaldsway ...	55	-	0	83	bc	20·4	-04	58	56	9	-	-	4	4	40	-	-
13A	Tiree ...	29	210	06	80	0	19·5	-02	58	55	5	-	-	8	8	40	3	22
13B	Benbecula ...	16	190	15	81	0	17·5	-08	58	54	5	7	-	8	5	18	-	-
	Stornoway ...	10	170	08	82	c	17·4	-09	57	55	5	-	-	7	7	50	-	-
	Cape Wrath ...	367	230	09	83	c	17·9	-05	58	50	5	-	-	6	6	25	-	-
	Sule Skerry ...	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce ...	234	250	10	80	bc	18·6	-01	56	53	6	-	1	3	2	-	1	15
	Lossiemouth...	21	-	0	82	bc	18·6	+04	50	48	5	-	2	4	2	35	-	-
	Wick ...	119	350	05	81	c	18·7	-02	51	49	5	-	-	7	7	37	-	-
16	Lerwick ...	269	-	0	64	0	18·3	+00	53	53	6	-	-	8	8	06	-	-
17	Blacksod Point	18	240	16	81	c	19·3	-07	61	57	8	-	-	7	7	23	-	-
18	Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove ...	220	-	0	81	b	20·7	+01	58	55	5	-	-	1	1	25	-	-
	Castle Archdale	225	160	02	82	c	19·8	-04	56	54	-	3	-	7	7	80	-	-
19	Birr Castle ... *	187	220	05	81	0	21·0	+00	59	58	5	2	-	8	6	35	-	-
	Collinstown ... *	228	-	0	82	b	20·6	+01	60	55	5	-	-	1	1	51	-	-
	Rineanna ... *	10	-	0	81	b	20·9	-02	59	58	5	-	-	1	1	40	-	-
20	Valentia ... *	30	170	07	81	0	20·8	-06	62	60	6	-	-	8	8	15	-	-
	Midleton ... *	30	-	0	80	b	20·9	-02	58	57	5	-	-	1	1	32	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 25th July

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt. 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt. 0-8 (31)	Cloud: Lowest layer: Ht. (32)	9 h. State of ground (33)	Weather 21 h.–09 h. (38)	Temperature 21 h.–09 h.: Min. °F. (39)	Temperature 21 h.–09 h.: Min. on Grass °F. (40)	Rain mm. (41)
Kew	-	0	16	c	19·9	-02	65	61	5	-	-	7	7	38	-	-		bzoycmoczo	64	55	-
London Airport	100	02	20	c	19·8	-02	66	59	5	-	-	7	7	60	-	-	0	bzoybzmoczo	64	58	-
Lympne ...	110	02	81	c	20·0	-02	67	62	-	3	9	6	5	80	-	-	0	bbwlbccb	62	56	-
Tangmere ...	360	01	32	b	19·6	+01	63	61	-	4	-	1	-	06	-	-	0	bmobzo	60	56	-
Calshot ...	-	0	28	2	19·7	-02	65	63	-	7	-	1	1	-	-	-	0	bmo	65	62	-
Boscombe Down	120	02	48	bc	19·9	+00	62	59	5	3	-	4	4	60	-	-	0	bcbbcwb	59	50	-
Felixtowe ...	-	0	64	b	19·8	-02	63	61	-	7	-	1	1	80	-	-	0	Kucbwbcb	58	52	-
Gorleston ...	160	04	56	bc	20·5	+00	62	58	-	7	-	3	3	-	-	-	0	bbcbc	60	58	-
West Raynham	-	0	80	b	20·2	+01	59	55	-	3	-	2	2	80	-	-	0	bcb	56	50	-
Mildenhall ...	-	0	56	bc	20·0	-03	61	58	-	3	-	5	5	-	-	-	0		57	52	-
Cranfield ...	-	0	32	c	19·6	-00	64	59	5	-	-	7	7	50	-	-	0	bzocmobczo	62	57	-
Elmdon ...	-	0	16	b	19·6	-01	60	59	-	3	-	1	1	84	-	-	0	bbccbmo bzo	59	54	-
Wittering ...	-	0	48	c	19·8	-01	61	57	5	-	-	6	6	45	-	-	0	bmobzocmobcb	60	59	-
Watnall ..	050	02	24	pr6	19·8	-02	64	58	8	4	1	9	5	35	3	25	0	bmocprzoy	63	58	Tv
Little Rissington	160	01	30	b	20·4	+02	63	58	-	-	-	0	0	0	-	-	0	bbcc.zobbcbmo	63	54	-
Ross-on-Wye	-	0	50	b	20·7	-03	61	58	-	-	1	1	-	-	-	-	0	bccbcb	60	*	-
Shawbury ...	-	0	48	b	19·8	-04	61	57	-	8	1	1	1	83	-	-	0	bc	59	52	-
Bristol ...	-	0	24	b	19·3	-02	61	61	-	-	-	0	0	0	-	-	0	cbw	59	51	-
Exeter ...	-	0	80	b	20·0	+04	59	58	-	-	-	0	0	0	-	-	0	pbwfgb	58	51	-
Portland Bill	-	0	40	2	19·3	-02	65	61	-	-	-	0	0	0	-	-	0	bzbzbz	62	*	-
Plymouth ...	-	0	64	b	19·9	+00	62	61	6	-	-	1	1	12	-	-	0	b	61	56	-
Chivenor ...	310	01	64	b	20·1	+02	59	59	-	-	-	9	9	-	-	-	0	bbwbfwomobcmo	55	50	-
St. Eval ...	130	02	06	of	20·1	+02	59	59	-	-	-	9	9	-	-	-	0	cmoomofbmocmo	59	53	-
Lizard ...	330	04	82	c	20·8	+03	62	62	5	-	-	7	7	12	-	-	0	bcwb	58	*	-
Scilly, St. Mary's	020	03	82	b	20·3	+04	60	60	6	-	-	2	2	20	-	-	0	c	62		-
Guernsey ...	340	05	83	0	21·0	-00	63	60	5	-	-	8	8	12	-	-	0				
Aberporth ...	-	0	40	2	20·1	+03	65	58	-	-	-	0	0	0	-	-		pcbzo	63	56	-
Pembroke ...	-	0	81	b	19·7	-03	59	58	-	-	-	0	0	0	-	-	1	bwjfb	55	45	TV
Holyhead (Valley)	290	02	x9	f	20·2	-01	61	61	-	-	-	1	-	-	-	-	1	bbcbfbc	58	*	TV
Manchester ...	-	0	82	b	19·1	-04	58	57	-	4	-	1	1	-	-	-	0	b	55	47	-
Squires Gate...	-	0	81	bc	20·0	-04	58	56	5	8	-	3	2	40	-	-	0	bcobcb	55	48	-
Silloth ...	090	05	40	b	20·1	+00	58	55	1	3	2	1	1	30	-	-	0	bbcwmobczo	52	46	-
Finningley ...	-	0	40	c	19·6	-01	58	56	5	-	4	7	6	25	-	-	0	bbccmoc	55	53	-
Spurn Head ...	-	0	08	bc	20·2	+02	60	57	8	-	-	5	5	40	3	30	0	bcbmocmobzo	57	53	-
Leeming ...	-	0	24	bc	20·2	+00	61	59	5	-	-	4	4	20	-	-	0	bbczo	60	*	-
Tynemouth ...	-	0	81	bc	20·0	-01	58	55	5	-	4	4	1	50	-	-	0	bmobfbcc	56	41	-
St. Abb's Head	270	02	24	c	19·6	-02	59	53	6	-	2	6	3	12	-	-	0	cmcffbcmoomo	56	53	-
Leuchars ...	270	02	80	bc	18·4	+00	59	55	5	-	-	5	5	20	-	-	0	fbcmobcbcmo	54	*	-
Eskdalemuir...	-	0	40	c	18·2	-03	56	54	5	-	4	6	3	50	-	-	0	bfebmocmoc	51	48	-
Prestwick ...	-	0	00	0	19·6	-02	55	55	6	-	-	8	8	02	-	-	0	bcomc	50	46	-
West Freugh...	-	0	64	c	19·0	-03	56	54	5	3	2	6	3	70	-	-	0	cbcbbcwbc	53	48	-
Ronaldsway ...	160	01	80	bc	19·3	-02	56	56	1	3	4	4	1	30	-	-	0	cbbc	52	39	-
Tiree ...	-	0	83	c	19·5	-03	60	50	5	-	1	6	3	30	-	-	0	bbccbc	53	47	-
Benbecula ...	180	11	80	/cl	18·2	-04	58	56	5	7	-	8	6	25	-	-	0	cwcicloc	56	52	-
Stornoway ...	200	16	16	vr6	16·0	-03	58	55	6	7	-	8	8	05	-	-	2	crrclocbmo	57	56	2
	180	15	640	/r	15·8	-04	57	57	6	-	-	8	7	08	-	-	1	crrcr6	56	54	1
Cape Wrath ...	230	09	82	pr6	16·4	-02	56	44	5	-	-	8	8	20	-	-	1	cprrr	55	53	1
Sule Skerry ...	180	09	82	0	16·6	-06	57	53	5	-	-	8	8	10	-	-	1		55	52	0·5
Loch Rannoch																					
Dyce ...	-	0	48	bc	18·1	+00	51	48	5	4	5	4	1	40	-	-	1	bcbwbc	46	37	-
Lossiemouth...	160	03	82	c	17·3	-04	55	51	5	7	-	7	6	40	-	-	0	bcc	49	42	-
Wick ...	-	0	83	c	17·4	-06	55	52	5	-	-	7	7	45	-	-	0	cwcyf	48	44	-
Lerwick ...	-	0	82	0	17·4	-04	53	53	6	7	-	8	7	08	-	-	1	cr	51	49	-
Blacksod Point	230	09	48	0	17·6	-06	60	59	7	-	-	8	8	11	-	-	0	c	59	50	-
Malin Head ...	160	05	82	bc	18·4	-04	60	56	5	-	-	8	5	31	-	-	0	c	54	*	-
Aldergrove ...	180	06	56	c	19·6	-05	55	53	5	3	2	6	5	15	-	-	1	bbccicdom	51	48	TV
Castle Archdale	160	02	82	c	18·8	-01	53	53	5	-	-	7	7	12	2	09	0	bcc	53	49	-
Birr Castle ... *	220	05	81	c	19·7	-04	60	58	5	-	-	7	7	45	-	-	0	c	55	49	-
Collinstown ... *	290	05	03	f	19·9	-03	55	54	8	-	2	6	1	25	-	-	0	bbc	52	52	-
Rineanna ... *	200	06	82	c	19·7	-05	60	57	5	-	1	7	6	45	1	30	0	bc	55	48	-
Valentia ... *	170	09	81	cdo	19·9	-03	62	60	6	-	-	8	8	11	-	-	0	cd	60	55	TV
Midleton ... *	-	0	81	c	20·3	-04	59	58	6	-	-	7	5	25	3	18	0	bb	54	46	-

OBSERVATIONS Sunday NIGHT

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 26th July 1949

No. 32023

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp °F Dry Bulb (7)	Temp °F Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. ++ (14)	Cloud Lowest layer Amt 0-8 (15)	Cloud Lowest layer Ht. ++ (16)
0	Kew	-	0	46	b	18·3	-11	83	60	1	-	-	1	1	45	-	-
	London Airport	170	04	40	b	18·5	-06	84	59	-	3	-	1	1	-	-	-
1	Lympne	160	03	40	b	19·6	-03	75	60	1	-	-	2	2	40	-	-
	Tangmere	180	09	32	b	19·1	-04	77	63	1	-	-	1	-	-	-	-
	Calshot	200	04	32	2	19·1	-07	71	66	-	-	1	1	1	30	-	-
	Boscombe Down	230	09	56	b	18·8	-08	82	60	1	-	-	2	2	40	-	-
2	Felixtowe	140	06	48	b	19·7	+04	71	64	1	-	-	1	-	-	-	-
	Gorleston	160	10	40	b	20·1	-04	67	62	-	7	-	1	1	-	-	-
	West Raynham	170	08	64	bc	18·8	-08	79	58	5	3	2	5	3	50	-	-
	Mildenhall	-	0	64	c	18·6	-10	84	61	1	3	-	6	6	-	1	45
	Cranfield	290	02	32	b	18·2	-09	80	62	5	-	-	1	1	30	-	-
3	Elmdon	160	05	40	b	18·0	-11	79	64	1	-	-	1	1	40	-	-
	Wittering	180	03	64	bc	18·7	-06	78	60	5	-	-	4	4	45	-	-
	Watnall	120	02	40	b	18·6	-10	80	61	-	-	-	0	0	0	-	-
4	Little Rissington	200	13	80	bc	17·9	-15	80	55	1	-	9	3	1	25	-	-
	Ross-on-Wye	260	05	50	bc	18·4	-12	83	60	2	-	-	3	-	-	-	-
	Shawbury	230	03	64	c	18·0	-12	78	59	1	3	2	6	3	35	1	50
5	Bristol	260	08	81	b	18·2	-10	83	61	1	-	1	2	1	35	-	-
	Exeter	310	06	81	b	18·9	-09	77	64	1	-	-	1	1	25	-	-
	Portland Bill																
	Plymouth	230	04	82	bc	19·6	-01	75	66	1	4	-	3	2	30	-	-
	Chivenor	270	10	81	bc	20·1	-01	70	64	5	-	-	5	5	15	-	-
	St. Eval	330	12	82	o	20·7	-01	66	61	5	-	-	8	8	12	3	09
	Lizard	340	07	82	bc	20·4	+00	70	62	8	-	5	4	3	25	-	-
	Scilly, St. Mary's	350	06	83	o	21·1	+01	68	61	5	-	-	8	8	14	-	-
	Guernsey	330	04	40	2	19·9	+02	76	63	-	-	-	0	0	0	-	-
6	Aberporth	290	05	81	bc	19·2	-07	70	59	1	3	2	4	1	20	-	-
7	Pembroke	290	05	64	bc	21·0	+00	63	61	2	-	5	5	2	25	-	-
8	Holyhead (Valley)	270	09	82	bc	18·9	-04	70	60	2	4	4	5	1	36	-	-
	Manchester	280	04	81	c	18·1	-14	78	61	1	-	2	6	1	45	-	-
	Squires Gate	310	09	80	bc	18·8	-10	73	58	-	-	2	4	4	-	-	-
9	Silloth	240	09	81	bc	18·9	-04	68	60	5	-	2	4	1	27	-	-
10	Finningley	360	03	64	bc	18·7	-07	80	61	-	7	-	3	3	-	-	-
	Sparn Head	-	0	16	2	19·4	-04	75	62	5	-	-	3	3	30	-	-
	Leeming	160	03	82	c	17·9	-12	78	62	1	-	6	7	4	35	-	-
	Tynemouth	130	07	32	c	18·5	-11	67	57	3	-	2	6	3	39	-	-
11	St. Abb's Head	310	09	32	bc	16·8	-13	66	59	5	-	-	4	4	30	-	-
	Leuchars	240	04	81	bc	16·8	-13	73	58	1	3	-9	4	2	28	-	-
12	Eskdalemuir	200	12	82	c	17·6	-07	70	59	8	6	1	6	4	22	-	-
	Prestwick	280	14	81	b	18·2	-07	66	57	1	3	1	2	1	25	-	-
	West Freugh	250	09	82	c	18·6	-08	66	58	5	7	-	7	6	30	-	-
	Ronaldsway	270	12	83	bc	18·7	-07	69	59	2	-	2	5	1	30	-	-
13A	Tiree	180	11	64	r.r.	17·3	-05	59	57	5	-	-	8	8	16	-	-
13B	Benbecula	290	04	82	c	16·1	-01	62	57	5	7	2	6	1	15	-	-
	Stornoway	220	08	83	c	15·7	+02	64	57	5	7	8	7	5	88	2	45
	Cape Wrath	230	13	X5	f	14·8	-06	56	56	-	-	-	9	9	0	-	-
	Sule Skerry	180	09	04	dr	15·3	-13	56	54	6	-	-	8	8	02	-	-
14	Loch Rannoch																
15	Dyce	240	04	81	bc	15·7	-14	71	55	5	3	2	3	1	40	-	-
	Lossiemouth	290	12	81	bc	15·2	-10	73	57	1	7	2	5	3	35	-	-
	Wick	150	05	82	c	15·5	-08	62	56	5	3	5	6	5	81	3	35
16	Lerwick	160	04	48	ir.	16·3	-08	55	55	6	-	-	8	8	08	-	-
17	Blacksod Point	230	11	16	d.d.	17·5	+01	61	61	7	-	-	8	8	06	-	-
18	Malin Head	320	01	82	c	17·3	-04	64	60	5	-	-	7	7	31	-	-
	Aldergrove	210	08	82	c	18·1	-14	69	59	5	3	6	7	4	30	-	-
	Castle Archdale	200	12	81	o	17·8	-04	65	60	5	-	-	8	8	14	-	-
19	Birr Castle *	220	05	81	o	18·7	-05	70	60	5	1	-	8	8	40	-	-
	Collinstown *	140	11	82	c	18·6	-09	68	59	1	-	2	6	3	25	-	-
	Rineanna *	250	03	72	i.d.	19·1	-02	67	62	6	-	-	8	6	16	-	-
20	Valentia *	220	10	52	d.r.	19·4	-01	64	63	6	-	-	8	8	09	-	-
	Midleton *	200	09	81	c	19·8	-04	67	61	6	-	-	7	6	19	-	-

*Rainfall read at 1800.

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

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp °F Dry Bulb (23)	Temp °F Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. ++ (30)	Cloud Lowest layer Amt 0-8 (31)	Cloud Lowest layer Ht. ++ (32)	21h State of ground (33)
0	Kew	200	08	46	bc	16·6	-07	78	59	-	-	4	5	4	-	-	-	0
	London Airport	210	14	36	bc	16·5	+10	83	56	-	3	-	3	3	85	-	-	0
1	Lympne	-	0	72	b	18·0	-10	73	60	4	-	-	1	1	60	-	-	0
	Tangmere	240	08	56	b	17·8	-07	77	58	-	4	-	2	-	-	-	-	0
	Calshot	280	09	48	2	17·8	-08	76	55	-	-	2	3	-	-	-	-	0
	Boscombe Down	250	07	81	bc	17·7	-02	81	57	4	-	8	5	1	45	-	-	0
2	Felixtowe	150	10	64	bc	17·3	-13	70	61	5	-	-	5	5	35	-	-	0
	Gorleston	160	13	48	c	18·3	-08	67	61	8	-	8	6	3	50	-	-	0
	West Raynham	160	14	56	o	17·2	-06	76	60	2	-	-	6	8	35	-	-	2
	Mildenhall	180	03	56	c	16·1	-13	79	58	2	7	-	7	4	35	-	-	0
	Cranfield	230	02	40	bc	15·7	-11	82	59	2	8	1	5	1	50	-	-	0
3	Elmdon	220	11	64	t	15·8	-07	77	59	3	6	3	6	5	20	-	-	0
	Wittering	190	03	40	c	15·6	-12	78	63	2	7	-	6	4	45	-	-	0
	Watnall	-	0	24	t	15·6	-10	77	67	8	-	-	7	7	40	-	-	28
4	Little Rissington	270	13	81	c	16·3	-06	79	56	-	-	3	6	-	-	-	-	0
	Ross-on-Wye	260	10	82	c	17·0	-03	79	61	8	-	1	6	7	35	-	-	0
	Shawbury	340	10	82	c	17·2	+02	72	62	1	-	*9	7	4	40	1	20	0
5	Bristol	270	13	82	bc	18·1	+02	74	59	2	4	8	5	1	35	-	-	0
	Exeter	340	13	81	bc	19·1	+07	71	61	4	3	2	4	2	-	1	30	0
	Portland Bill																	
	Plymouth	360	10	81	bc	19·1	+02	69	61	1	4	1	3	1	20	-	-	0
	Chivenor	280	13	83	b	19·9	-08	68	61	7	4	2	2	1	20	-	-	0
	St. Eval	320	10	83	b	20·4	-04	65	60	5	-	-	2	2	13	-	-	0
	Lizard	010	09	82	b	20·3	-01	67	59	6	-	-	2	2	25	-	-	0
	Scilly, St. Mary's	290	07	83	bc	20·8	-06	70	61	5	-	-	3	3	14	-	-	0
	Guernsey	350	08	64	c	19·3	-03	70	63	-	8	6	6	-	-	-	-	0
6	Aberporth	270	10	86	bc	18·9	-00	67	58	-	3	-	4	-	-	-	-	0
7	Pembroke	270	06	82	b	19·4	-12	65	60	1	-	-	2	2	25	-	-	0
8	Holyhead (Valley)	190	08	04	cf-	17·8	-02	60	58	2	3	-	6	1	25	1	02	0
	Manchester	300	13	72	c	17·1	+03	71	61	2	-	2	7	3	45	-	-	0
	Squires Gate	300	09	82	c	17·9	-04	69	58	2	4	2	6	1	30	-	-	0
9	Silloth	240	13	82	c	17·3	-06	67	59	1	-	2	6	1	30	-	-	0
10	Finningley	090	06	48	c/tlr	16·1	-07	68	65	3	-	8	7	4	20	-	-	2
	Sparn Head	110	04	48	/c	16·7	-17	65	59	8	-	-	7	7	20	-	-	2
	Leeming	220	05	81	c	15·8	-10	77	61	2	4	6	7	4	35	-	-	0
	Tynemouth	130	08	40	c	16·3	-14	65	57	3	-	2	6	4	39	-	-	0
11	St. Abb's Head	130	09	64	bc	14·8	-17	66	57	5	-	-	4	4	30	-	-	0
	Leuchars	230	08	81	c	14·7	-09	74	53	4	3	5	7	5	80	2	35	0
12	Eskdalemuir	190	10	83	c	15·8	-05	69	58	1	-	6	6	1	25	-	-	0
	Prestwick	230	09	82	c	16·6	-08	65	59	5	7	7	7	2	45	1	28	1
	West Freugh	230	06	81	o	17·0	-10	63	58	5	7	-	8	8	83	3	30	0
	Ronaldsway	250	05	84	c	17·9	-03	63	58	2	-	8	7	5	83	1	30	0
13A	Tiree	180	08	65	d.d.	16·2	-07	59	59	6	-	-	8	8	01	-	-	1
13B	Benbecula	310	06	82	c	15·6	-04	61	55	8	3	-	6	3	45	1	21	0
	Stornoway	180	05	83	c	15·2	+01	61	58	5	5	8	7	5	81	1	45	0
	Cape Wrath	230	09	82	c	15·8	+01	57	57	5	-	-	7	7	20	-	-	1
	Sule Skerry	270	05	81	bc	15·5	+01	60	56	5	-	-	5	3	30	-	-	
14	Loch Rannoch																	
15	Dyce	-	0	12	t	15·3	+02	63	60	9	-	-	7	3	20	1	14	1
	Lossiemouth	310	08	56	rr	15·6	+03	63	59	7	2	-	8	7	20	-	-	1
	Wick	320	03	85	c	15·8	+01	58	56	5	7	-	7	7	80	5	25	0
16	Lerwick	180	09	X4	d.d.	14·1	-13	55	55	-	-	-	9	9	0	-	-	1
17	Blacksod Point	300	07	80	bc	17·9	+04	61	57	8	-	-	5	5	21	-	-	1
18	Malin Head	270	05	76	c	16·6	-05	61	59	6	-	-	7	7	11	-	-	1
	Aldergrove	230	09	82	o	17·3	-03	67	62	5	1	-	8	6	18	-	-	0
	Castle Archdale	290	09	64	ir.	16·7	-06	64	61	6	-	-	8	-	-	-	-	1
19	Birr Castle *	220	09	81	o	18·0	-05	69	62	4	2	-	8	6	35	-	-	0
	Collinstown *	190	01	81	jf	17·5	-05	66	62	8	3	-	7	4	55	1	30	0
	Rineanna *	270	12	82	bc	18·6	-03	68	60	2	3	1	4	2	20	-	-	0
20	Valentia *	230	07	81	c	19·4	+00	65	61	2	-	-	7	6	16	1	08	0
	Midleton *	200	09	81	c	18·9	-04	67	64	8	3	-	7	6	19	-	-	0

OBSERVATIONS during DAY (25th)

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	bcz.bybcycz.y	85	10·5	-
London Airport	bz.ycybcy	87		-
Lympne	bbybbc	79	10·4	-
Tangmere	bz.bz.ybybm.	80	12·4	-
Calshot	bm.bz.bz.ybcz.bc	82	13·1	-
Boscombe Down	bbybcybc	86	11·9	-
Felixtowe	bbz.bc	73	10·8	-
Gorleston	bcz.cz.c	70	10·0	-
West Raynham	bcycytlrc	83	9·1	1
Mildenhall	bccybcyc	86	10·2	-
Cranfield	bz.ycy	84	8·6	-
Elmdon	bz.bz.ybcybc	83		-
Wittering	bbybcz.ycz.	83	7·3	-
Watnall	bczyctlRcm.	82	7·4	10
Little Rissington	bz.bcy	83	12·1	-
Ross-on-Wye	cvybcv	85	11·3	-
Shawbury	bccybc	82	8·9	-
Bristol	bbccybc	83	12·5	-
Exeter	bbccbcb	80	13·2	-
Portland Bill				
Plymouth	bbc	77	14·6	-
Chivenor	bcm.cbvc	71	9·5	-
St. Eval	cocbcb	67	4·8	-
Lizard	bccbc	71		-
Scilly, St. Mary's	cbc	72	4·1	-
Guernsey	bcbczc	79	12·7	-
Aberporth	cjfcbcvbcc	71	13·5	-
Pembroke	bc	67	11·2	-
Holyhead (Valley)	bbccofc	73	11·9	-
Manchester	bcyc	82	10·3	-
Squires Gate	bcz.ybbccl	75	13·1	-
Silloth	cbbcc	69		-
Finningley	bcyccttlPRcm.	83	9·0	47
Sparn Head	bcz.cm.om.tlr	76	11·5	9
Leeming	bcccyc	82	9·6	-
Tynemouth	cm.c	73		-
St. Abb's Head	bcmbcbcm.	71		-
Leuchars	bcycy	79	9·6	-
Eskdalemuir	omcbcc	73	10·8	-
Prestwick	bcblbcur.rrR	68	9·7	2
West Freugh	bcc	68		-
Ronaldsway	bccbcbbccbcc	71	10·9	-
Tiree	crrod.d.m	60	0·0	6
Benbecula	od.d.moc	63	6·1	0·1
Stornoway	cr.bcc	66	3·5	TR
Cape Wrath	rfc	59		2
Sule Skerry				
Loch Rannoch				
Dyce	bcctlrphrrm	74	7·5	12
Lossiemouth	crr	72	4·7	4
Wick	cjfir.idc	64	2·6	1
Lerwick	cjdd.d.fc	57	0·0	4
Blacksod Point	dbc	65	4·4	1
Malin Head	cc	68		3
Aldergrove	cid.m.cbc	72	2·6	TR
Castle Archdale	ccir.d.d.c	67	0·6	0·5
Birr Castle	cc	73	3·5	-
Collinstown	cc	71	6·9	TR
Rineanna	dbc	72	3·5	TR
Valentia	dr	70	1·6	0·1
Midleton	cc	72	3·3	-

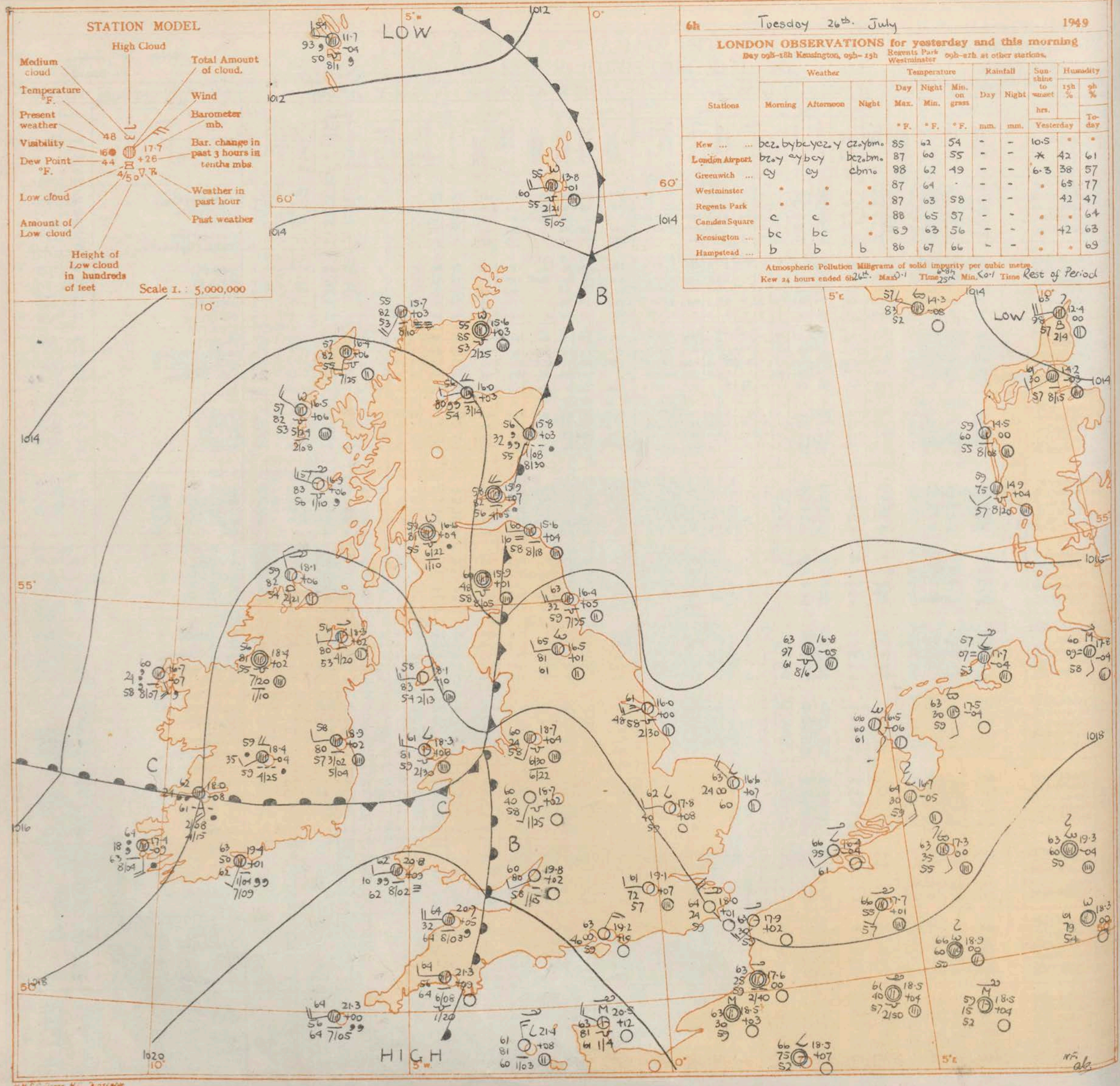
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

++ Cloud heights are in hundreds of feet

* Information not usually received.

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

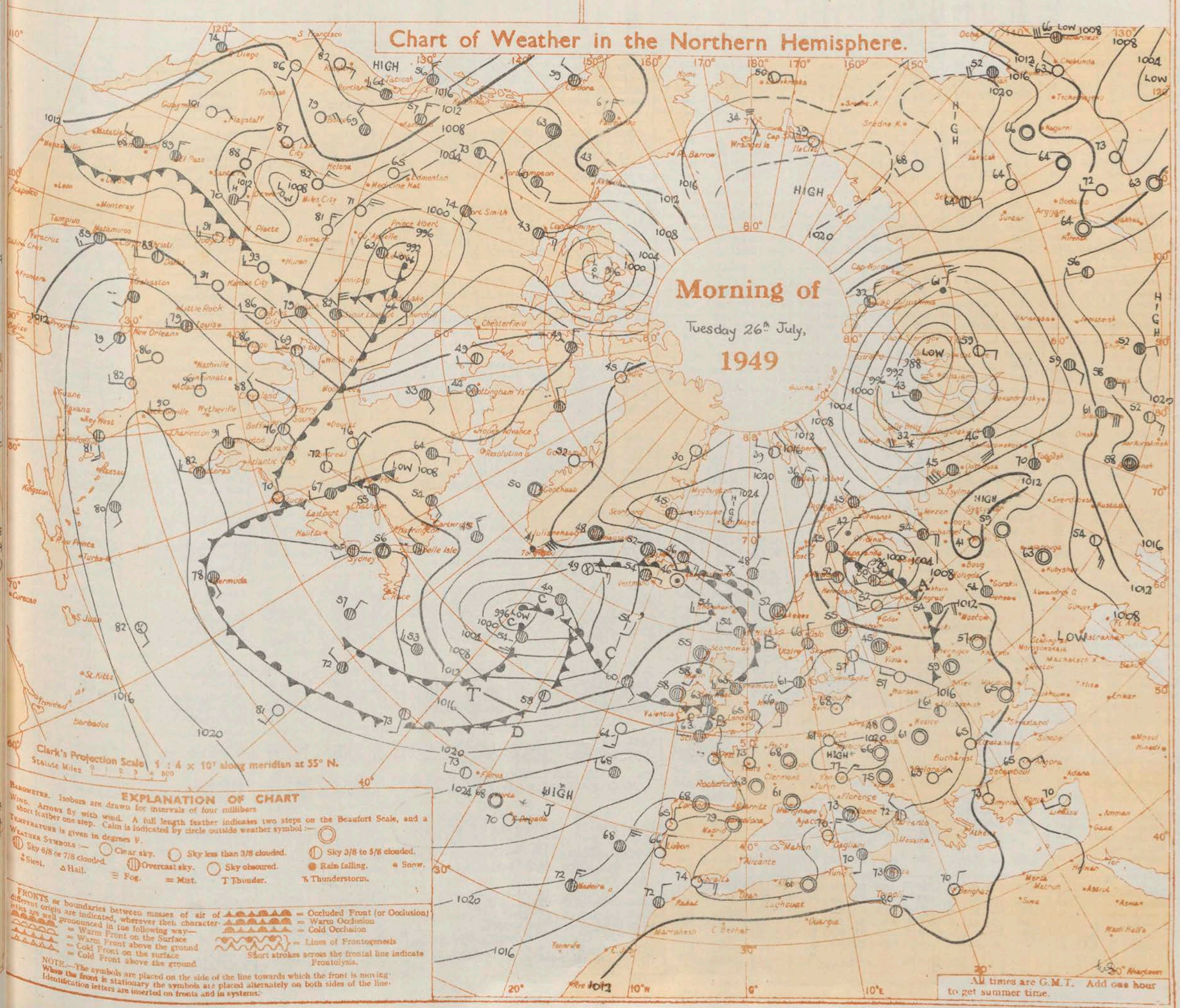

STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in tenths mbs.
Dew Point °F.
Low cloud
Weather in past hour
Amount of Low cloud
Past weather
Height of Low cloud in hundreds of feet
Scale 1. : 5,000,000
LOW
LOW
HIGH
B
C
6h Tuesday 26th. July 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–17h at other stations.
Stations | Weather: Morning | Afternoon | Night | Temperature: Day Max. °F. | Night Min. °F. | Min. on grass °F. | Rainfall: Day mm. | Night mm. | Sunshine to sunset hrs. Yesterday | Humidity: 15h % Yesterday | 9h % Today
Kew ... ... | bcz.b | ybcy | cz.y | cz.ybm. | 85 | 62 | 54 | - | - | 10.5 | * | *
London Airport | bz.y | cy | bcy | bcz.bm. | 87 | 60 | 55 | - | - | * | 42 | 61
Greenwich ... | cy | cy | cbm. | 88 | 62 | 49 | - | - | 6.3 | 38 | 57
Westminster | * | * | * | 87 | 64 | - | - | - | * | 65 | 77
Regents Park | * | * | * | 87 | 63 | 58 | - | - | | 42 | 47
Camden Square | c | c | * | 88 | 65 | 57 | - | - | * | * | 64
Kensington ... | bc | bc | * | 89 | 63 | 56 | - | - | * | 42 | 63
Hampstead ... | b | b | b | 86 | 67 | 66 | - | - | * | * | 69
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 26th. Max 0.1 Time 6-8h Min. <0.1 Time 25th Rest of Period

GENERAL INFERENCE

It will be fair or fine and warm in most districts of England and Wales apart from a good deal of cloud and some local drizzle in western coastal areas. Ireland and Scotland will become generally fair today but cloud and drizzle may spread back to western districts later.

FURTHER OUTLOOK

Fair or fine and warm in England and Wales but cloudy with local rain or drizzle in the West and North.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

Page 4.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 26th July. 1949

No. 32023

OBSERVATIONS at 00hr G.M.T. 26th July.

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	69	•	•	•	•	•	•	•	•	
	London Airport	82	280	07	48	b	18·2	+12	67	60	-	-	-	0	0	0	-	-
1	Lympne ...	341	220	03	64	b	18·0	-01	64	59	-	-	-	0	0	0	-	-
	Tangmere ...	53	300	05	56	b	18·2	+03	63	58	-	-	-	0	0	0	-	-
	Calshot ...	8	330	06	80	b	18·9	+09	66	57	-	-	-	0	0	0	-	-
	Boscombe Down	414	280	05	81	b	19·2	+06	60	58	-	4	-	1	1	-	-	-
2	Felixtowe ...	10	200	08	56	b	16·8	-01	67	62	-	-	-	0	0	0	-	-
	Gorleston ...	5	130	08	56	e	18·0	-02	65	59	-	9	-	6	6	80	-	-
	West Raynham	250	350	07	64	b	16·8	+03	64	60	5	-	-	2	2	40	-	-
	Mildenhall ...	15	270	03	40	e	16·6	+10	67	62	-	-	-	0	0	0	-	-
3	Cranfield ...	340	250	03	40	b	17·7	+16	63	59	-	-	-	0	0	0	-	-
	Elmdon ...	328	270	05	24	b	18·3	+12	61	59	-	-	-	0	0	0	-	-
	Wittering ...	236	340	09	24	b	16·9	+12	65	62	5	-	-	1	1	40	-	-
	Watnall ...	366	290	07	64	b	17·6	-07	61	58	-	-	-	0	0	0	-	-
4	Little Rissington	740	290	09	82	b	19·0	+16	64	53	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	270	05	81	b	18·4	+07	61	57	5	-	2	2	1	60	-	-
5	Bristol ...	209	250	11	80	b	19·3	+09	61	59	6	-	-	1	1	15	-	-
	Exeter ...	100	310	10	81	c	20·0	+00	64	60	5	-	-	7	7	15	-	-
	Portland Bill	32	360	05	81	b	19·4	-	65	54	5	-	-	2	2	30	-	-
	Plymouth ...	90	320	08	80	c	20·9	+05	65	60	5	-	-	7	7	15	-	-
	Chivenor ...	20	270	05	81	o	20·3	+01	64	62	5	-	-	8	8	25	-	-
	St. Eval ...	336	300	06	82	o	21·0	+00	64	62	5	-	-	8	8	12	5	09
	Lizard ...	240	360	01	80	bc	21·1	+02	63	61	6	-	-	5	5	18	-	-
	Scilly, St. Mary's	163	280	09	83	jp	21·4	+04	63	62	5	-	-	8	8	12	-	-
	Guernsey ...	340	350	09	81	bc	20·2	+04	63	61	-	3	8	3	1	-	-	-
	Aberporth ...	375	250	11	00	bf+	19·0	+01	61	61	-	-	-	0	0	0	-	-
6	Pembroke ...	142	270	12	56	if	19·6	+00	63	61	5	-	-	8	5	10	-	-
7	Holyhead (Valley)	32	180	11	81	o	17·5	+01	63	61	5	-	-	8	8	37	-	-
8	Manchester ...	230	310	02	81	bc	18·5	+07	59	58	5	3	1	4	2	50	-	-
	Squires Gate...	33	270	06	81	bc	17·9	+01	63	60	5	-	-	3	3	70	-	-
	Silloth ...	25	240	10	81	c	16·9	-01	62	60	5	7	-	7	2	30	-	-
9	Finningley ...	52	290	08	40	b	16·9	+05	63	58	5	-	-	2	2	30	-	-
10	Spurn Head ...	29	-	0	48	b	16·2	+06	64	62	-	-	-	0	0	0	-	-
	Leeming ...	105	~~320~~ 310	04	81	b	16·5	+05	61	57	5	7	8	2	2	-	1	35
	Tynemouth ...	108	270	13	56	c	16·4	+02	63	57	5	-	2	6	3	25	-	-
11	St. Abb's Head	280	270	05	80	c	15·2	+05	66	55	5	-	-	6	6	30	-	-
	Leuchars ...	36	-	0	64	ido	15·3	+07	65	60	6	-	-	8	8	20	3	12
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	270	06	32	dr	16·5	+02	61	59	7	2	-	8	6	15	3	06
	West Freugh...	52	310	09	64	c	16·7	+01	62	59	5	-	-	6	6	25	-	-
	Ronaldsway ...	55	230	04	81	c	17·4	-02	60	58	5	9	8	7	6	40	-	-
13A	Tiree ...	29	230	06	06	dodo	16·1	-03	58	58	6	-	-	8	8	10	6	06
13B	Benbecula ...	16	-	0	82	bc	15·7	+02	55	53	5	3	-	4	1	50	-	-
	Stornoway ...	10	-	0	82	c	15·9	+03	55	52	-	5	-	6	6	81	-	-
	Cape Wrath ...	367	230	05	82	c	15·7	+00	55	43	5	3	-	6	3	20	-	-
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	360	09	32	rr	15·8	+06	58	57	7	2	-	8	8	15	5	05
	Lossiemouth...	21	040	05	40	ojd	15·7	+03	56	55	6	1	-	8	8	22	5	08
	Wick ...	119	190	02	84	c	15·7	+00	56	54	5	-	-	7	7	54	-	-
16	Lerwick ...	269	270	08	80	o	13·9	+00	54	54	5	-	-	8	8	12	-	-
17	Blacksod Point	18	-	0	81	c	18·3	+03	58	57	6	-	-	7	7	25	-	-
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	280	01	80	c	18·1	+12	61	60	8	-	-	7	7	31	2	16
	Castle Archdale	225	310	10	81	c	18·7	+10	58	56	6	-	-	7	6	20	2	12
19	Birr Castle ... •	187	220	05	81	b	19·1	+07	59	56	-	-	-	0	0	0	-	-
	Collinstown ... •	226	270	10	81	b	18·4	+08	61	58	-	-	-	0	0	0	-	-
	Rineanna ... •	10	240	04	56	o	19·4	+01	61	59	6	-	-	8	8	06	-	-
20	Valentia ... •	30	180	09	20	dodo	19·4	-02	63	62	6	-	-	8	8	04	-	-
	Midleton ... •	30	-	0	64	b	19·6	+04	59	58	-	3	-	1	1	85	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 26th July. / OBSERVATIONS Monday NIGHT

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)	Weather 21 h.–09 h. (38)	Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	270	02	30	b	19·1	+10	64	58	-	-	-	0	0	0	-	-	0	c2oybmowb	62	54	-
London Airport	270	05	72	b	19·1	+07	61	57	-	-	-	0	0	0	-	-	0	bc2obmowb	60	55	-
Lympne	320	08	24	b	18·0	+01	64	59	-	-	2	1	-	-	-	-	0	bbybbcbwbcwb	61	54	-
Tangmere	300	02	64	b	19·1	+08	63	58	-	-	1	1	-	-	-	-	0	bmob	57	52	-
Calshot	030	07	40	z	19·7	+10	63	59	-	-	-	0	0	0	-	-	0	bbmobzo	61	57	-
Boscombe Down	290	01	40	b	19·7	+06	58	57	-	4	-	1	1	-	-	-	0	bcbbwb	57	52	Tr
Felixtowe	310	12	28	bc	17·2	+06	65	60	5	3	1	3	1	50	-	-	0	cblmowbmob	64	58	-
Gorleston	310	10	24	z	16·6	+07	63	60	-	-	-	4	1	65	-	-	0	bcmoczcbotlcl	63	58	-
West Raynham	270	06	16	b	17·7	+09	61	59	-	3	2	1	1	-	-	-	0	cmobmo	60	54	-
Mildenhall	270	02	40	b	17·8	+08	62	59	-	4	-	1	1	-	-	-	0	bclbmobc	58	53	-
Cranfield	270	03	32	b	18·5	+04	59	57	-	-	-	0	0	0	-	-	0	cbcbmob	56	48	-
Elmdon	220	05	40	b	18·7	+02	60	58	5	-	-	1	1	25	-	-	0	bcmobmobczo	56	51	-
Wittering	290	09	32	b	18·0	+08	60	58	5	4	-	1	1	40	-	-	0	c2obmob	56	55	-
Watnall	250	04	10	b	17·9	-01	58	57	-	4	-	1	1	06	-	-	0	cmobmcmoc	57	54	-
Little Rissington	290	05	82	f	20·0	+06	60	56	-	-	-	0	0	0	-	-	0	bcbfb	57	54	-
Ross-on-Wye	260	02	81	b	20·2	-04	57	55	5	-	-	1	1	25	-	-	0	bvbwbc	55	•	-
Shawbury	230	05	82	bc	18·6	+02	63	59	5	3	-	3	2	50	1	15	0	bcjpbbc	60	54	-
Bristol	250	01	80	b	19·8	+02	60	58	6	-	-	1	1	15	-	-	0	bcbwcbc	56	45	Tr
Exeter	340	06	81	c/cl	20·5	+08	65	63	5	-	-	7	7	12	-	-	0	bbccmoidoc	61	53	Tr
Portland Bill																	0	bcbcc	63	•	-
Plymouth	290	02	56	c/r	21·3	+09	64	64	6	-	-	7	1	20	6	08	0	bbcccmocloc	63	57	Tr
Chivenor	270	07	32	d	20·7	+05	64	64	6	-	-	8	8	03	-	-	1	bccldomoclocmobc	60	54	0·3
St. Eval	250	09	80	cldo	21·4	+04	63	63	6	-	-	8	8	25	6	04	1	bcirolcldomocldo	61	55	0·4
Lizard	330	02	16	f	21·1	+01	63	63	6	-	-	8	8	06	-	-	1	colfomo	61	•	0·1
Scilly, St. Mary's	280	08	56	c/d	21·3	+00	64	64	6	-	-	7	7	05	-	-	0	bcolcloc	62	•	Tr
Guernsey	350	08	81	b	21·4	+08	61	60	6	4	2	2	1	03	-	-	0	cbcbc	59	57	-
Aberporth	250	03	16	c/f	19·7	+07	61	61	5	3	-	7	6	24	1	03	0	bbcjf	60	59	Tr
Pembroke	270	07	x9	dodo	20·1	+07	60	60	-	-	-	9	9	-	-	-	1	cfdodo	60	•	0·3
Holyhead (Valley)	290	10	81	bc	18·3	+06	61	59	5	4	1	3	1	-	2	30	0	cbcbcc	59	53	-
Manchester	200	04	24	c	18·7	+04	60	58	5	-	-	7	6	30	6	02	0	cbcc	58	50	-
Squires Gate	270	14	81	c	18·0	+02	63	61	6	-	-	6	6	05	-	-	0	cbccbc	62	59	-
Silloth	240	07	48	c	16·6	+05	62	61	5	7	-	7	5	18	-	-	0	cbc	61	52	-
Finningley	250	05	20	bc	17·4	+05	62	58	8	4	-	3	2	40	-	-	0	cmobcmobczo	60	56	-
Spurn Head	270	08	48	b	16·0	+00	61	58	5	-	-	2	2	30	-	-	1	otlrbcbcmo	61		2·3
Leeming	280	03	81	bc	16·5	+01	65	61	-	4	-	4	4	-	-	-	0	cbbc	59	55	-
Tynemouth	270	09	32	c	16·4	+05	63	59	5	-	-	7	7	35	-	-	0	cmoc	61	58	-
St. Abb's Head	270	05	16	o	15·6	+04	60	58	6	-	-	8	8	18	-	-	0		56	•	-
Leuchars		0	82	o/r	15·9	+07	58	56	6	2	-	8	8	10	4	05	0	cclrocmoc	58	57	Tr
Eskdalemuir	-	0	48	o	15·9	+01	60	58	5	-	-	8	8	05	-	-	0	cmobc	57	55	-
Prestwick	240	11	80	o	17·2	+08	59	56	5	-	-	8	6	15	2	08	1	RRirodocloc	57	56	8
West Freugh	310	05	81	c	17·6	+05	57	55	5	-	1	6	6	28	-	-	0	cbccldoc	55	51	Tr
Ronaldsway	290	09	83	bc	18·1	+10	58	54	6	-	1	3	2	13	-	-	0	cbc	57	55	-
Tiree	320	07	83	bc	16·9	+06	57	56	5	-	2	3	1	10	-	-	1	cdodombc	54	51	0·2
Benbecula	310	07	82	c	16·5	+06	57	53	5	3	-	6	5	24	2	08	0	bfgwcbc	50	48	-
Stornoway	200	05	82	c	16·4	+06	57	55	5	-	-	7	7	25	-	-	0	bcfgwc	45	38	-
Cape Wrath	230	09	82	o/f	15·7	+03	55	53	6	-	-	8	8	10	-	-	0	o	53	51	-
Sule Skerry	270	02	81	d	15·2	+00	57	55	5	-	-	8	8	15	-	-	1		56	55	-
Loch Rannoch																					
Dyce	310	01	32	dd	15·8	+03	56	55	7	2	-	8	8	30	1	08	1	crororomoc	55	65	11
Lossiemouth	270	02	80	dodo	16·0	+03	56	54	6	2	-	8	8	23	3	14	1	ccloc	55	55	3
Wick	-	0	85	c	~~17·6~~ 15·6	+03	55	53	5	3	1	7	6	25	-	-	0	c	53	49	-
Lerwick	270	12	60	o	13·8	-01	55	55	5	3	-	8	3	21	5	05	1	cmocldomo	54	52	Tr
Blacksod Point	160	13	24	dr	16·7	-07	60	58	6	-	-	8	8	07	-	-	1	bcd	55	42	3
Malin Head	340	02	82	bc	18·1	+00	59	54	1	-	2	4	2	21	-	-	0	b	57	•	Tr
Aldergrove	270	03	80	bc	18·3	+02	56	53	6	-	1	4	4	20	-	-	0	ccprocbc	54	47	1
Castle Archdale	-	0	81	c	18·4	+02	56	55	5	-	-	7	7	20	1	10	1	cbcc	56	53	-
Birr Castle	220	05	35	ro	18·4	-04	59	59	7	2	-	8	4	25	-	-	0	dr	57	51	0·5
Collinstown	280	03	80	o	18·9	+02	58	57	6	-	-	8	5	04	3	02	0	prc	57	56	Tr
Rineanna	140	09	24	roro	18·0	-08	62	61	7	-	-	8	4	15	2	08	0	rr	66	57	1
Valentia	170	15	18	dr	17·4	-09	64	63	6	-	-	8	8	04	-	-	1	dr	62	62	3
Midleton	200	04	50	o/d	16·4	+01	63	62	6	-	-	8	7	09	1	04	0	bd	57	51	Tr

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 27th July 1949

No. 32024

OBSERVATIONS at 12h. G.M.T. 26th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt 0-8 (15)	Lowest layer Ht. (16)
0	Kew	290	04	81	bc	18·8	-02	78	56	1	5	2	3	2	35	-	-
	London Airport	360	04	82	bc	18·1	+03	80	58	1	3	1	3	1	83	1	35
1	Lympne	280	03	40	b	18·4	+01	82	53	1	-	-	1	1	30	-	-
	Tangmere	250	09	80	b	19·0	-02	82	57	-	-	1	1	-	-	-	-
	Calshot	290	07	80	b	19·5	-05	77	58	1	4	1	1	1	30	-	-
	Boscombe Down	300	06	81	bc	19·3	-07	79	62	1	3	-	4	1	81	3	30
2	Felixtowe	310	10	81	bc	17·8	+03	81	60	2	-	1	5	5	25	-	-
	Gorleston	310	13	64	bc	17·2	+03	77	59	2	-	-	4	4	25	-	-
	West Raynham	330	16	80	bc	17·7	+01	75	58	2	-	5	4	3	25	-	-
	Mildenhall	300	06	81	c	17·9	+01	79	60	2	4	2	7	6	35	-	-
3	Cranfield	270	06	81	bc	18·1	-01	77	~~66~~ 60	1	-	-	3	2	35	-	-
	Elmdon	280	05	80	c	18·5	-02	77	59	4	3	-	6	6	26	-	-
	Wittering	290	09	80	bc	18·2	-03	74	62	2	4	4	5	4	30	-	-
	Watnall	270	10	81	c	18·4	+00	74	59	1	-	4	6	5	30	-	-
4	Little Rissington	290	11	82	bc	19·9	-05	75	58	1	4	1	5	1	83	4	25
	Ross-on-Wye	290	09	81	bc	19·3	-03	78	59	1	4	-	5	3	30	-	-
	Shawbury	290	10	82	c	18·8	-02	75	57	5	-	9	7	7	25	-	-
5	Bristol	260	13	81	b	19·4	-05	77	63	1	4	-	2	1	25	-	-
	Exeter	330	13	82	bc	20·7	-04	77	64	1	-	-	4	4	30	-	-
	Portland Bill	260	13	81	bc	21·0	-04	68	62	2	3	-	3	3	30	-	-
	Plymouth	250	11	~~82~~ 81	bc	21·0	-03	70	64	6	-	-	4	4	15	-	-
	Chivenor	270	08	84	bc	21·2	+01	71	63	5	-	-	4	2	50	3	20
	St. Eval	270	08	82	c	22·1	-01	67	62	5	-	-	7	7	12	3	05
	Lizard	210	08	82	c	22·1	+04	68	65	6	-	-	7	7	12	-	-
	Scilly, St. Mary's	200	01	72	c	22·0	+01	68	65	5	-	-	8	8	15	-	-
	Guernsey	310	12	81	o	21·1	+02	68	63	5	-	-	8	8	14	5	05
	Aberporth	260	15	80	jf	19·9	+00	66	63	6	3	5	4	1	-	2	18
6	Pembroke	230	06	x9	of	20·6	+04	67	65	-	-	-	9	9	0	-	-
7	Holyhead (Valley)	230	14	81	c	18·9	+00	65	59	2	7	-	7	1	25	1	05
8	Manchester	270	11	80	bc	18·8	+00	70	58	1	-	5	3	2	28	-	-
	Squires Gate	280	12	82	b	19·4	+07	65	56	8	-	1	1	1	22	-	-
	Silloth	250	18	81	bc	17·8	+03	63	55	1	6	4	3	2	30	1	20
9	Pleasingley	270	11	48	bc	18·6	-02	72	57	2	-	2	5	4	40	-	-
10	Spurn Head	290	10	20	c	17·0	-01	73	63	5	-	-	6	6	30	-	-
	Leeming	270	14	82	bc	16·9	+00	73	46	1	-	9	4	3	30	-	-
	Tynemouth	090	09	56	c	16·7	+02	65	58	3	-	-	6	6	32	-	-
11	St. Abb's Head	360	05	48	c	16·8	+12	60	58	5	-	-	6	6	25	1	08
	Leuchars	070	09	80	o	17·0	+05	61	56	6	-	-	8	8	10	4	05
12	Eskdalemuir	~~240~~ 090	07	81	c	16·7	+05	66	52	1	-	-	6	6	22	-	-
	Prestwick	230	14	82	c	17·6	+01	64	58	8	-	2	6	3	40	2	20
	West Freugh	270	09	81	bc	18·0	-04	65	54	5	3	2	4	2	81	3	30
	Rosaldsway	190	10	82	c	19·1	+03	64	55	5	-	-	7	7	60	-	-
13A	Tiree	160	06	83	c	17·4	-01	65	58	2	-	2	6	2	28	-	-
13B	Benbecula	200	05	82	bc	16·4	-04	65	56	2	3	1	3	1	22	-	-
	Stornoway	170	14	83	bc	16·4	-03	64	54	1	-	-	4	4	30	-	-
	Cape Wrath	230	09	82	bc	16·1	+04	59	53	5	-	1	5	4	25	-	-
	Sule Skerry	270	09	81	o	16·2	+01	59	55	5	-	-	8	8	20	-	-
14	Loch Rannoch	-	0	81	c	16·7	+04	65	54	5	-	-	7	7	35	6	20
15	Dyce	350	05	82	c	16·6	+00	65	56	8	3	-	7	5	35	3	20
	Lossiemouth	360 ~~350~~	05	84	c	16·5	+01	64	54	5	3	-	7	6	25	-	-
16	Wick	260	12	80	o	14·5	+02	58	56	6	-	-	8	8	25	5	04
17	Lerwick	160	07	81	o	15·5	-06	65	63	6	-	-	8	8	11	-	-
18	Blacksod Point	090	01	82	bc	17·5	-04	61	59	1	3	1	5	2	83	2	30
	Malin Head	260	01	82	o	18·4	-04	65	56	5	7	-	8	5	45	1	20
	Aldergrove	-	0	81	o	17·0	-13	63	59	5	-	-	8	8	16	-	-
19	Castle Archdale	250	05	50	o/r	17·0	-08	68	66	7	2	-	8	5	25	-	-
	Birr Castle *	130	11	80	ir.	18·1	-08	64	59	6	7	-	8	1	02	-	-
	Collinstown *	260	00	56	id.	17·2	-01	68	66	6	-	-	8	4	08	1	05
	Rineanna *	210	10	28	d.q.	17·8	+04	66	65	6	-	-	8	8	05	-	-
20	Valentia *	200	09	56	o/d	18·7	-02	67	66	6	-	-	8	8	06	-	-
	Midleton *																

* Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 26th July

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt 0-8 (31)	Lowest layer Ht. (32)	21 h State of ground (33)
0	Kew	310	05	81	c	18·0	-06	83	56	1	4	-	6	4	31	-	-	0
	London Airport	300	10	81	bc	18·0	-03	81	~~58~~ 57	1	4	1	4	3	50	-	-	0
1	Lympne	160	01	80	bc	18·3	-02	73	61	4	-	2	3	3	60	-	-	0
	Tangmere	250	13	81	b	18·6	-03	78	64	4	3	-	1	-	-	-	-	0
	Calshot	290	07	81	b	18·8	-05	81	57	1	-	-	2	1	35	-	-	0
	Boscombe Down	290	07	82	b	19·3	+00	78	57	-	3	-	1	1	81	-	-	0
2	Felixtowe	330	08	81	c	17·2	-02	80	60	2	-	-	7	7	40	-	-	0
	Gorleston	160	10	56	bc	17·7	+00	68	61	2	4	1	4	2	30	-	-	0
	West Raynham	310	13	80	b	17·6	+02	75	52	-	-	2	2	-	-	-	-	0
	Mildenhall	-	0	81	b	18·0	+01	78	59	-	-	-	2	-	-	-	-	0
3	Cranfield	310	02	81	bc	17·6	-02	~~69~~ 79	59	-	-	2	5	3	40	-	-	0
	Elmdon	250	05	81	bc	18·0	-02	77	61	8	3	-	5	5	35	1	28	0
	Wittering	340	07	64	bc	18·0	-06	75	60	-	8	-	5	4	83	-	-	0
	Watnall	270	04	81	c	17·8	-06	75	56	4	7	-	7	4	35	-	-	0
4	Little Rissington	290	09	81	c	18·4	-01	76	58	4	3	5	7	4	83	3	40	0
	Ross-on-Wye	250	10	81	bc	18·7	-06	79	58	6	-	-	3	1	35	-	-	0
	Shawbury	280	12	82	c	18·4	-01	74	59	8	3	~~4~~ 9	6	4	50	1	25	0
5	Bristol	280	12	81	bc	19·3	+05	73	60	1	3	~~4~~ 9	5	1	28	-	-	0
	Exeter	320	12	82	bc	20·2	-02	77	65	1	4	-	3	1	30	-	-	0
	Portland Bill	250	13	81	bc	20·5	-06	66	63	2	3	-	5	3	80	2	30	0
	Plymouth	250	10	81	bc	20·9	-05	69	65	8	7	-	5	3	35	2	20	0
	Chivenor	270	10	80	o	20·9	-06	69	65	5	-	-	~~7~~ 8	6	14	2	01	0
	St. Eval	240	12	82	o	21·4	-06	67	63	6	-	-	8	8	07	-	-	0
	Lizard	290	03	82	c	22·0	-03	68	65	8	-	-	7	7	18	-	-	0
	Scilly, St. Mary's	240	13	81	o	21·2	-06	70	64	5	-	-	8	8	15	-	-	0
	Guernsey	290	14	80	c	22·1	-05	67	64	8	-	-	6	5	12	3	08	0
	Aberporth	200	07	64	d.d.	18·8	-08	67	66	6	-	-	8	8	18	6	08	1
6	Pembroke	200	11	38	ir.	19·6	-13	64	64	5	-	-	8	8	08	-	-	1
7	Holyhead (Valley)	180	14	14	o/d	17·3	-17	64	63	6	-	-	8	8	01	-	-	1
8	Manchester	310	04	64	c	18·5	-03	71	62	5	7	-	7	7	30	2	35	0
	Squires Gate	010	02	24	r.r.	18·7	-05	62	60	6	-	-	8	8	05	-	-	1
	Silloth	250	16	81	c	17·3	-06	64	56	-	7	1	7	3	-	1	80	0
9	Pleasingley	340	10	80	c	17·9	+02	75	58	4	4	2	7	4	45	1	35	0
10	Spurn Head	290	04	32	2	17·2	+02	73	60	-	-	-	3	3	60	-	-	0
	Leeming	270	07	82	c	17·1	-01	72	58	5	-	-	7	6	45	-	-	0
	Tynemouth	090	04	32	c	17·5	-00	65	58	6	-	2	6	2	25	-	-	0
11	St. Abb's Head	130	13	48	c	17·5	-02	62	57	5	-	-	6	6	20	-	-	0
	Leuchars	090	09	80	bc	16·9	-03	61	57	5	4	-	3	1	30	1	04	0
12	Eskdalemuir	170	10	82	c	16·2	-05	66	57	1	-	~~5~~ 9	6	2	22	-	-	0
	Prestwick	260	11	82	kz-	17·0	-05	~~55~~ 63.	55	-	-	5	6	5	84	1	28	0
	West Freugh	160	06	81	o	17·0	-13	60	54	5	7	-	8	8	83	1	30	1
	Rosaldsway	090	08	16	d.d.	17·6	-13	59	59	6	-	-	8	8	08	6	01	1
13A	Tiree	170	07	84	b	16·2	-10	62	57	2	-	-	1	1	25	-	-	0
13B	Benbecula	260	05	83	bc	15·9	-08	64	57	1	3	1	3	1	26	-	-	0
	Stornoway	070	10	83	bc	15·6	-08	63	56	1	-	-	4	4	35	-	-	0
	Cape Wrath	230	02	82	bc	16·1	+04	61	54	1	-	-	4	2	25	-	-	0
	Sule Skerry	270	05	82	b	16·0	-05	61	57	1	-	-	2	2	30	-	-	0
14	Loch Rannoch	160	08	82	b	16·5	-06	63	54	5	-	-	2	2	35	-	-	1
15	Dyce	090	05	83	c	15·6	-06	64	57	5	-	-	7	7	35	-	-	0
	Lossiemouth	120	02	85	c	16·4	-06	60	55	5	3	-	7	4	25	-	-	0
16	Wick	250	06	12	d.d.	14·2	-01	56	56	6	-	-	8	8	02	-	-	1
17	Lerwick	180	07	52	jf	15·5	-03	63	62	6	-	-	8	8	09	-	-	1
18	Blacksod Point	200	05	82	bc	15·5	-14	67	63	5	3	-	5	2	83	3	31	0
	Malin Head	170	04	64	c	16·4	-16	68	61	5	3	-	7	5	35	2	25	1
	Aldergrove	-	0	48	o/d	15·2	-11	67	65	6	-	-	8	8	06	-	-	1
19	Castle Archdale	250	09	81	c	16·5	-03	69	65	3	7	-	7	-	-	-	-	0
	Birr Castle *	120	01	33	dr	16·2	-09	66	65	6	7	-	7	2	07	-	-	1
	Collinstown *	250	11	82	o	17·2	+00	67	64	5	-	-	8	5	16	-	-	0
	Rineanna *	220	05	80	id.	18·1	-03	64	62	6	-	-	8	8	07	-	-	1
20	Valentia *	200	09	80	c	17·6	-06	68	65	6	-	-	7	7	14	-	-	0
	Midleton *																	

OBSERVATIONS during DAY (26th)

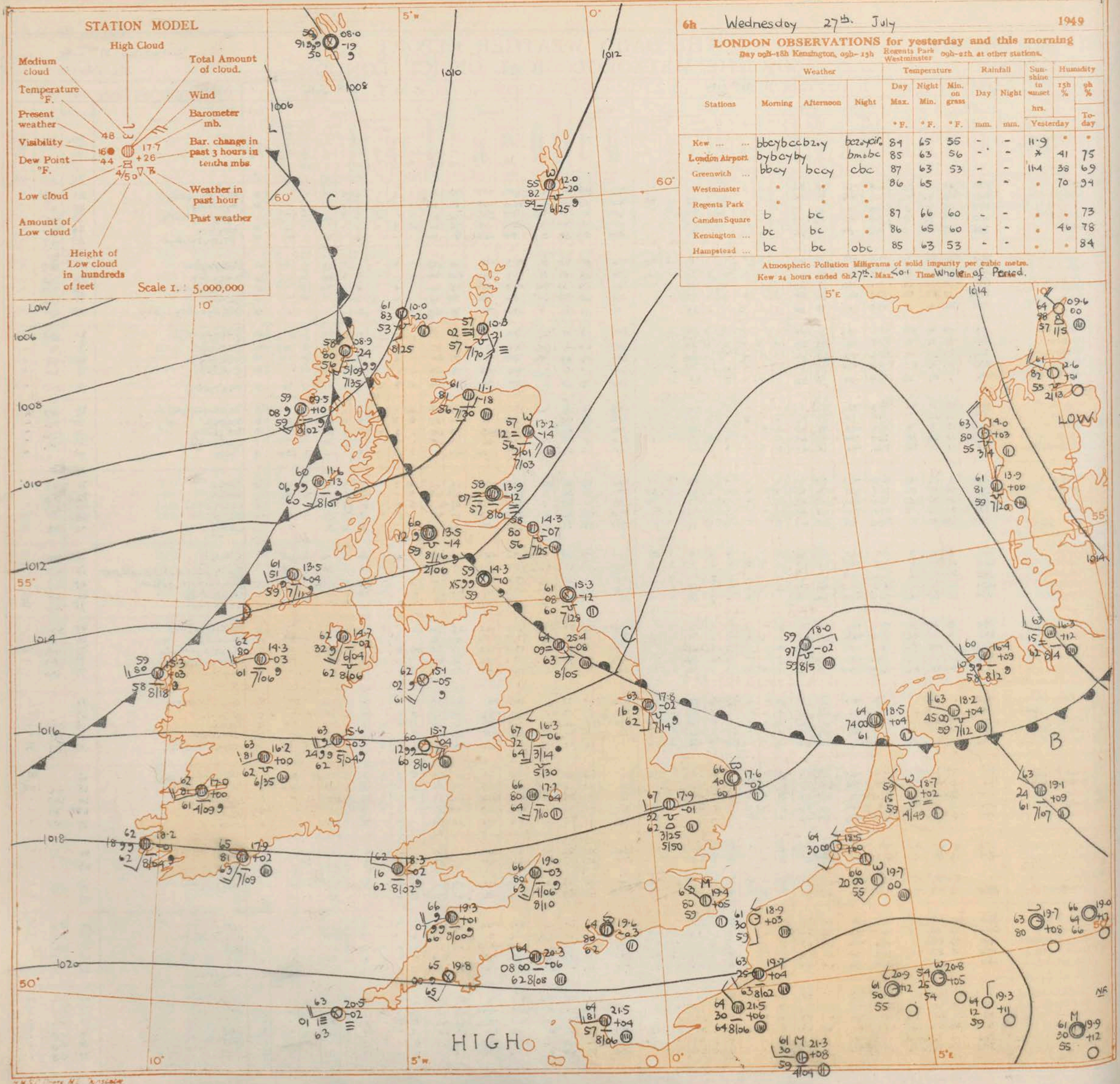
Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F. (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	bbcybccbz.y	84	11·3	-
London Airport	bybcyby	85	*	-
Lympne	bycybcybbcb	85	12·6	-
Tangmere	bbyb	84	13·7	-
Calshot	bz.bybcybyb	83	14·2	-
Boscombe Down	bbcybybc	82	13·2	-
Felixtowe	bycycyb	86	12·4	-
Gorleston	bbcm.bcybc	78	11·0	-
West Raynham	bcybc	77	13·6	-
Mildenhall	bbccycybcycybcy	83	13·1	-
Cranfield	bbcycybcyc	82	13·3	-
Elmdon	bcz.cyc	79	*	-
Wittering	bbcybybc	87	11·1	-
Watnall	cm.bcyc	75	9·7	-
Little Rissington	bcycycbc	78	11·0	-
Ross-on-Wye	bcbcycycybc	82	10·9	TR
Shawbury	~~bcbyc~~ bc cy c	79	7·6	-
Bristol	bbcbbcy	78	12·6	-
Exeter	cbcbcycybc	81	9·6	-
Portland Bill	bcb	69	•	-
Plymouth	cbcc	71	9·4	-
Chivenor	cbcvc	~~72~~ 73	6·5	-
St. Eval	cid.coid.	70	2·9	TR
Lizard	bccjfcdo	68		TR
Scilly, St. Mary's	cdoff	72	1·5	TR
Guernsey	cid.cif	71	5·0	TR
Aberporth	cjfbcjfccr.r.d.d.ccid.mm	76	6·5	1
Pembroke	fid.ccm.ir.oid.m	67	0·0	0·3
Holyhead (Valley)	cm.jfid.off	66	3·8	TR
Manchester	cbccidff	75	6·0	TR
Squires Gate	bbccir.r.r.m.	68	5·9	2
Silloth	bcccd.d.	66		-
Pleasingley	bcz.bcycir.z.	77	11·8	TR
Spurn Head	rcm.bcz.cm.	77	13·7	-
Leeming	bcycyc	77	12·0	-
Tynemouth	cm.cbcbcm.	72		-
St. Abb's Head	bcm.	63	•	-
Leuchars	cbcc	65	5·7	-
Eskdalemuir	cm.bcc	71	11·1	-
Prestwick	cbccbccid.	67	7·3	TR
West Freugh	cbccid.ir.c	67		TR
Rosaldsway	bcccd.d.of	65	6·6	0·5
Tiree	bcbvcv	66	14·3	-
Benbecula	bcbcc	65 ~~64~~	13·1	-
Stornoway	bccb	67	10·3	-
Cape Wrath	cbc	61	•	-
Sule Skerry		63	•	-
Loch Rannoch	cbcbbcc	65	4·5	-
Dyce	c	69		-
Lossiemouth	cir.c	66	5·4	TR
Wick	cid.d.d.m.	61	1·5	0·1
Lerwick	df	67	0·6	1
Blacksod Point	bc	68		-
Malin Head	bccidoc	68	3·3	0·1
Aldergrove	ccid.ccd.d.c	67	0·8	0·2
Castle Archdale	rr	72	0·1	3
Birr Castle	rr	70	0·6	2
Collinstown	rd	70	0·0	3
Rineanna	dd	68	0·0	1
Valentia	rd	73	0·3	1
Midleton				

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Wednesday 27th. July 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–21h at other stations.

Stations	Weather: Morning	Weather: Afternoon	Weather: Night	Temperature: Day Max. °F.	Temperature: Night Min. °F.	Temperature: Min. on grass °F.	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to sunset hrs. (Yesterday)	Humidity 15h % (Yesterday)	Humidity 9h % (To-day)
Kew	bbcybccb2.y		bc2.ycir.	84	65	55	-	-	11.9	•	•
London Airport	bybcyby		bmcbc	85	63	56	-	-	*	41	75
Greenwich ...	bbcy	bccy	cbc	87	63	53	-	-	11.4	38	69
Westminster	•	•	•	86	65		-	-	•	70	94
Regents Park	•	•	•								
Camden Square	b	bc	•	87	66	60	-	-	•	•	73
Kensington ...	bc	bc	•	86	65	60	-	-	•	46	78
Hampstead ...	bc	bc	obc	85	63	53	-	-	•	•	84

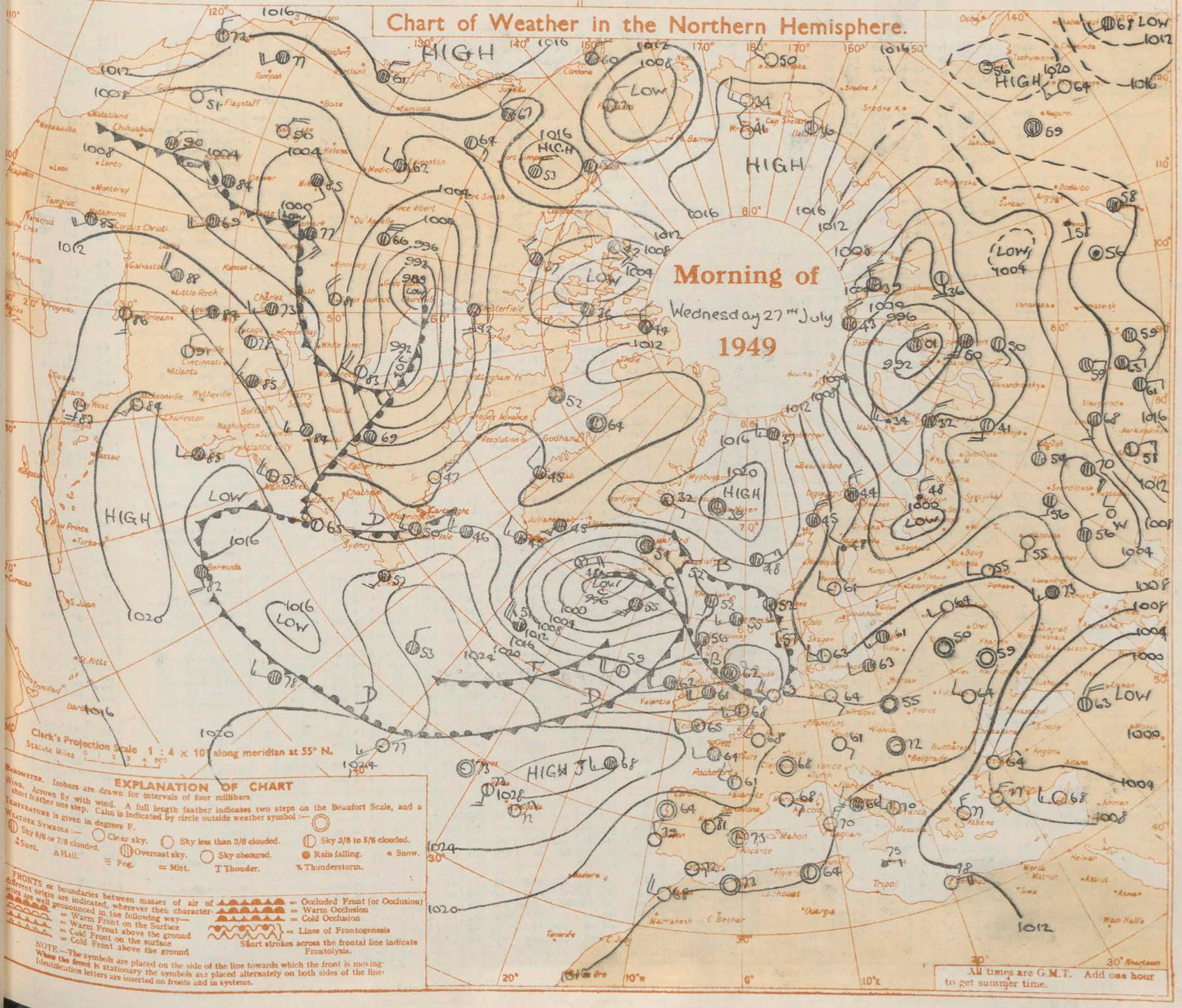
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 27th. Max. <0.1 Time Whole Min. of Period.

GENERAL INFERENCE

Fair in most districts of England and Wales with some bright periods in Central and Eastern districts. Dull in Western coastal districts with fog patches and in North Ireland and Scotland, with periods of rain or drizzle. Improving conditions spreading from the West across Scotland and North Ireland late tonight.

FURTHER OUTLOOK

Becoming fair in most districts and somewhat cooler.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 27th July 1949

No. 32024.

OBSERVATIONS at 00hr G.M.T. 27th July

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low (9)	Cloud: Form: Medium (10)	Cloud: Form: High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt 0-8 (13)	Cloud: Main layer: Ht. (14)	Cloud: Lowest layer: Amt. 0-8 (15)	Cloud: Lowest layer: Ht. (16)
0	Kew ...	18	*	*	*	*	*	*	70	*	*	*	*	*	*	*	*	*
	London Airport	82	260	07	56	b	19·4	+03	68	59	-	-	-	0	0	0	-	-
1	Lympne ...	341	-	0	64	b	19·0	+02	64	62	-	3	-	2	2	-	-	-
	Tangmere ...	53	290	04	80	b	19·6	+03	65	56	-	3	-	1	-	-	-	-
	Calshot ...	8	290	04	81	b	19·8	+01	67	62	-	3	-	1	1	-	-	-
	Boscombe Down	414	290	04	81	b	20·2	+05	63	61	5	-	-	2	2	20	-	-
2	Felixtowe ...	10	-	0	40	bc	18·5	+09	66	62	-	7	1	4	3	81	-	-
	Gorleston ...	5	230	03	64	bc	18·3	+02	65	59	-	3	-	3	3	-	-	-
	West Raynham	250	-	0	56	D	18·0	+00	65	60	-	7	-	8	8	-	-	-
	Mildenhall ...	15	-	0	64	bc	18·4	-02	65	61	5	-	-	5	5	60	-	-
3	Cranfield ...	340	230	03	64	c	18·3	+00	68	61	-	7	-	7	7	81	-	-
	Elmdon ...	328	130	03	64	b	18·6	+02	67	62	5	-	-	1	1	57	-	-
	Wittering ...	236	230	06	48	c	18·1	-01	68	61	5	-	-	7	7	55	3	40
	Watnall ..	366	-	0	64	0	18·3	+01	69	63	5	-	-	8	8	30	-	-
4	Little Rissington	740	270	13	81	b	19·2	+00	65	60	-	-	-	0	0	0	-	-
	Ross-on Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury ...	235	230	15	82	c	18·0	-04	68	62	5	-	-	7	7	25	4	17
5	Bristol ...	209	250	04	56	c	20·1	-03	64	62	6	-	-	7	7	19	2	10
	Exeter ...	100	-	0	80	bc	20·5	-05	65	63	5	3	-	3	2	-	1	30
	Portland Bill	32	290	05	81	b	21·6	+07	65	62	1	-	-	2	2	30	-	-
	Plymouth ...	90	200	04	80	0	21·7	-00	65	65	6	-	-	8	8	10	-	-
	Chivenor ...	20	200	08	80	0/d	20·2	-05	67	66	5	-	-	8	8	09	-	-
	St. Eval ...	336	200	10	14	0	20·8	-03	66	65	6	-	-	8	8	-	-	-
	Lizard ...	240	270	02	01	f+	21·2	-02	65	65	-	-	-	9	9	0	-	-
	Scilly, St. Mary's	163	250	10	01	of	21·2	+02	65	65	-	-	-	9	9	0	-	-
	Guernsey ...	340	290	12	24	2	22·2	-03	63	62	6	-	-	7	7	02	-	-
	Aberporth ...	375	220	05	32	ido	18·3	-04	66	65	6	-	-	8	8	05	-	-
6	Pembroke ...	142	240	12	36	f+	19·0	+00	64	64	-	-	-	9	9	0	-	-
7	Holyhead (Valley)	32	230	16	48	o/d	16·5	-01	61	61	6	-	-	8	8	-	-	-
8	Manchester ...	230	180	07	40	o/r	17·9	-03	66	63	5	7	-	7	6	50	-	-
	Squires Gate...	33	170	03	07	dodo	17·6	-04	64	63	6	-	-	8	8	01	-	-
	Silloth ...	25	-	0	16	dodo	16·8	-05	60	59	5	-	-	8	8	04	-	-
9	Finningley ...	52	-	0	11	rofo	18·0	+01	66	63	5	-	-	8	8	20	6	10
10	Spurn Head ...	29	280	04	48	ido	18·2	+04	65	63	7	-	-	8	8	10	-	-
	Leeming ...	105	160	02	28	0	17·5	+03	63	62	5	-	-	8	8	35	-	-
	Tynemouth ...	108	-	0	24	c	17·6	+01	62	60	5	-	-	7	7	28	-	-
11	St. Abb's Head	280	180	09	48	bc	16·4	-06	56	54	5	-	-	3	3	25	-	-
	Leuchars ...	36	-	0	10	b	16·3	-05	56	54	6	-	-	1	1	05	-	-
12	Eskdalemuir...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick ...	30	080	04	56	c/d	16·0	-06	61	58	5	-	-	6	5	45	2	20
	West Freugh...	52	130	05	09	0	16·2	-04	61	60	-	-	-	9	9	0	-	-
	Ronaldsway ...	55	-	0	01	dodo	16·2	-05	59	59	-	-	-	9	9	0	-	-
13A	Tiree ...	29	160	12	82	0	14·4	-12	59	58	5	7	-	8	6	16	-	-
13B	Benbecula ...	16	150	09	82	0	13·2	-14	60	56	5	-	-	8	8	47	-	-
	Stornoway ...	10	180	06	81	0	13·4	-14	56	54	5	-	-	8	8	30	-	-
	Cape Wrath ...	367	090	02	82	bc	14·3	-10	57	49	4	3	1	3	2	25	-	-
	Sule Skerry ...	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce ...	234	190	10	80	0	16·1	-06	57	55	6	-	-	8	8	30	5	08
	Lossiemouth...	21	-	0	82	bc	13·9	-09	56	54	5	-	2	3	2	35	-	-
	Wick ...	119	140	09	82	c	14·9	-10	56	54	5	3	5	6	1	40	-	-
16	Lerwick ...	269	250	09	80	0	14·4	+03	55	55	6	-	-	8	8	11	4	06
17	Blacksod Point	18	240	13	48	0/d	15·5	-02	61	61	6	-	-	8	8	11	-	-
18	Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove ...	220	180	08	32	ido	15·8	-01	64	62	6	-	-	8	8	04	-	-
	Castle Archdale	225	270	02	64	0	15·2	+02	64	63	6	-	-	8	8	08	-	-
19	Burt Castle ... *	187	250	05	50	0	17·1	+04	64	62	6	-	-	8	8	25	-	-
	Colbinstown ... *	226	270	09	64	ido	16·5	+03	66	64	6	-	-	8	6	15	-	-
	Rineanna ... *	10	260	07	40	ido	17·6	+00	64	63	6	-	-	8	7	06	1	03
20	Valentia ... *	30	230	08	20	0/d	18·8	+02	63	63	6	-	-	8	8	03	-	-
	Midleton ... *	30	220	04	64	c	18·3	+05	65	63	6	-	-	6	6	10	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 27th July

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt. 0-8 (31)	Cloud: Lowest layer: Ht. (32)	9 h. State of ground (33)
Kew ...	260	05	72	c	19·2	-01	67	62	-	-	1	7	7	41	-	-	0
London Airport	220	08	64	c	19·2	-00	65	60	5	3	-	7	7	30	-	-	0
Lympne ...	300	05	80	bc	19·4	+05	63	59	-	8	-	5	5	-	-	-	0
Tangmere ...	-	0	64	c	20·0	-00	62	60	5	-	-	6	6	35	-	-	0
Calshot ...	-	0	80	bc	19·6	-03	64	62	-	7	-	5	5	-	-	-	0
Boscombe Down	-	0	40	ido	19·6	+00	63	62	5	-	-	8	8	06	-	-	0
Felixtowe ...	260	03	32	c	17·9	-02	68	62	5	-	-	7	7	45	-	-	0
Gorleston ...	-	0	40	bc	17·6	-02	66	60	-	7	-	5	6	79	-	-	0
West Raynham	240	12	48	bc	17·4	-00	65	62	5	8	-	4	4	30	-	-	0
Mildenhall ...	250	03	32	bc	17·9	-01	67	62	8	-	-	5	5	50	3	25	0
Cranfield ...	220	09	40	c	18·4	+01	65	63	5	-	-	7	7	35	2	25	0
Elmdon ...	210	08	80	c	17·7	-04	66	64	6	-	-	7	7	10	-	-	1
Wittering ...	250	07	64	c	17·6	-02	66	63	5	-	-	7	7	15	-	-	0
Watnall ..	220	07	48	c	17·3	-03	65	63	5	-	-	7	6	30	6	20	1
Little Rissington	250	13	48	0	18·4	-03	64	62	6	-	-	8	8	04	-	-	1
Ross-on Wye	240	09	80	c	18·6	-10	68	65	5	-	-	6	6	20	-	-	0
Shawbury ...	200	05	40	ido	16·9	-03	66	64	6	3	-	6	2	40	4	08	1
Bristol ...	200	10	80	o/d	19·0	-03	66	63	6	-	-	8	8	10	4	06	0
Exeter ...	-	0	80	ido	19·6	-03	67	66	5	-	-	8	8	40	3	25	0
Portland Bill	250	05	08	z	20·3	-06	64	62	6	-	-	8	8	08	-	-	1
Plymouth ...	230	05	00	ido	19·8	-03	65	65	-	-	-	9	9	-	-	-	1
Chivenor ...	250	12	07	dd	19·3	+01	66	66	6	-	-	8	8	-	-	-	1
St. Eval ...	200	10	05	dodo	20·3	+01	65	65	-	-	-	9	9	-	-	-	1
Lizard ...	310	03	00	cf	20·5	+01	63	63	-	-	-	9	9	-	-	-	1
Scilly, St. Mary's	260	12	01	f+	20·5	-02	63	63	-	-	-	9	9	-	-	-	1
Guernsey ...	210	09	64	0	21·7	+04	63	61	5	-	-	8	8	04	-	-	1
Aberporth ...	220	06	08	dodo	17·6	-03	63	63	6	-	-	8	8	03	-	-	1
Pembroke ...	260	14	02	f-	19·0	+04	61	60	-	-	-	9	9	-	-	-	1
Holyhead (Valley)	200	11	12	dodo	15·7	-04	60	60	6	-	-	8	8	01	-	-	0
Manchester ...	180	08	72	c	16·3	-06	67	64	6	4	-	6	5	30	3	14	0
Squires Gate...	250	11	14	dd	16·2	-05	63	63	6	-	-	8	8	02	-	-	1
Silloth ...	-	0	04	dodo	14·8	-09	62	62	6	-	-	8	8	03	-	-	1
Finningley ...	200	10	20	c	16·1	-12	66	64	5	3	-	6	5	45	-	-	1
Spurn Head ...	180	04	16	ido	17·8	-02	63	62	5	-	-	7	7	14	-	-	1
Leeming ...	160	03	09	0	25·4	-08	64	63	6	-	-	8	8	05	-	-	1
Tynemouth ...	-	0	08	c	15·3	-12	61	60	5	-	-	8	7	28	-	-	0
St. Abb's Head	180	09	80	c	14·3	-07	58	56	5	-	-	7	7	25	-	-	0
Leuchars ...	-	0	07	of	13·9	-12	58	57	6	-	-	8	8	01	-	-	1
Eskdalemuir...	-	0	05	dodo	14·3	-10	59	59	-	-	-	9	9	-	-	-	1
Prestwick ...	260	02	24	ido	13·8	-10	63	61	7	-	-	8	5	18	4	12	1
West Freugh...	180	04	08	dd	14·1	-09	60	60	6	-	-	8	8	01	-	-	1
Ronaldsway ...	240	11	02	ido	15·1	-05	62	61	-	-	-	9	9	-	-	-	1
Tiree ...	310	09	06	of	13·9	-12	58	54	6	-	-	8	8	01	-	-	1
Benbecula ...	230	14	08	ido	09·5	-10	59	59	6	-	-	8	8	02	-	-	1
Stornoway ...	180	10	80	o/d	08·9	-24	58	56	6	-	-	8	7	35	5	09	1
Cape Wrath ...	180	02	83	0	10·0	-20	61	53	5	-	-	8	8	25	-	-	2
Sule Skerry ...	130	09	82	0	11·2	-10	57	53	5	-	-	8	8	20	-	-	1
Loch Rannoch																	
Dyce ...	160	09	12	0	13·2	-14	57	56	6	7	-	8	7	03	2	01	1
Lossiemouth...	180	06	81	0	11·1	-18	61	56	6	-	-	7	7	30	-	-	1
Wick ...	160	07	02	of-	10·3	-21	57	57	5	-	-	7	7	70	-	-	0
Lerwick ...	180	10	82	c	12·0	-20	55	54	5	3	-	7	7	-	6	25	1
Blacksod Point	270	09	80	0	15·3	+03	59	58	6	-	-	8	8	18	-	-	1
Malin Head ...	270	05	51	ido	13·5	-04	61	59	6	-	-	7	7	11	-	-	0
Aldergrove ...	220	12	32	ido	14·7	-02	62	62	6	-	-	8	8	06	6	04	1
Castle Archdale	250	09	80	c	14·3	-03	62	61	6	-	-	7	7	06	-	-	1
Burt Castle ... *	250	06	81	c	16·2	+00	63	62	5	-	-	6	6	35	-	-	0
Colbinstown ... *	250	13	24	dd	15·6	-03	63	62	6	-	-	8	5	04	-	-	1
Rineanna ... *	250	12	81	c	17·0	+00	62	61	6	-	-	7	4	09	-	-	1
Valentia ... *	220	08	18	dodo	18·2	-01	62	62	6	-	-	8	8	04	-	-	1
Midleton ... *	220	07	81	0	17·9	+02	65	63	6	-	-	8	7	09	-	-	0

OBSERVATIONS Tuesday NIGHT

Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h.: Min. °F. (39)	Temperature 21 h.-09 h.: Min. on Grass °F. (40)	Rain mm. (41)
Kew ...	bczoy circ	65	55	-
London Airport	bmo bc	63	56	-
Lympne ...	bbc b bw bcb	62	55	-
Tangmere ...	b cir.	61	53	-
Calshot ...	b bc cmo omo om	62	60	-
Boscombe Down	bccw cdofc	61	58	TR
Felixtowe ...	bbcmow cmo bbc	62	57	-
Gorleston ...	czbcz.	64	59	-
West Raynham	cmofo cmob	63	57	TR
Mildenhall ...	bcc mopro	67	58	0·1
Cranfield ...	bcbbcmo cmoc	62	61	-
Elmdon ...	cbocido	65	63	TR
Wittering ...	bccmoc	62	60	-
Watnall ..	cirocmo oido cz.	65	63	0·5
Little Rissington	bccbododo fcmo	63	61	TR
Ross-on Wye	cpo bcc	65	*	-
Shawbury ...	cido c o cid.	66	65	0·4
Bristol ...	bccodo	64	55	TR
Exeter ...	bccidoc	63	55	TR
Portland Bill	bcbc	63	*	
Plymouth ...	of dodo o	64	64	TR
Chivenor ...	cidofdd cido	65	65	1
St. Eval ...	odo ofd fido e	63	63	0·5
Lizard ...	coifd	60	*	1
Scilly, St. Mary's	offe cfec	62	*	1
Guernsey ...	cemoo omodd ddf	60	60	3
Aberporth ...	ododomoc	62	62	1
Pembroke ...	oidff	60	*	0·5
Holyhead (Valley)	cfddofdodom	59	59	0·3
Manchester ...	oiroc		63	0·1
Squires Gate...	rorododo mo	61	61	3
Silloth ...	cdodofmo	60	56	3
Finningley ...	cmo cro romo czo	63	63	4
Spurn Head ...	cmoomo ido cmo	62	*	TR
Leeming ...	cido cmc	62	62	0·3
Tynemouth ...	bcmocmo	61	58	-
St. Abb's Head	cmobcmoc	52	*	-
Leuchars ...	bc c of oidom	53	48	TR
Eskdalemuir...	odfrodomo	57	57	1
Prestwick ...	cido cdodo	~~66~~ 60	59	0·2
West Freugh...	ccfddmo	59		1
Ronaldsway ...	cdodojfc	60	60	0·3
Tiree ...	cvcdodom	58	57	1
Benbecula ...	cododofc	59	54	1
Stornoway ...	cidorofo mobc	52	45	3
Cape Wrath ...	orrf	55	54	5
Sule Skerry ...	o	55	51	TR
Loch Rannoch				
Dyce ...	bccmir.	56	52	TR
Lossiemouth...	bcpr	52	49	TR
Wick ...	cwjpido	55	52	TR
Lerwick ...	cmo idoc	54	53	0·3
Blacksod Point	cl	58	51	0·1
Malin Head ...	d	60	*	1
Aldergrove ...	ccido mododomccido	62	61	0·2
Castle Archdale	cdodomocido	62	61	0·2
Burt Castle ... *	c	62	62	-
Colbinstown ... *	prd	63	62	1
Rineanna ... *	cf	61	60	TR
Valentia ... *	d	61	61	0·3
Midleton ... *	c	63	61	-

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* Information not usually received.

Page 1.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 28th July 1949

No. 32025

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

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	250	06	72	0	18.2	-07	73	65	6	-	-	8	8	31	6	21
	London Airport	230	14	64	o/d	18.3	-03	74	64	5	-	-	8	6	18	-	-
1	Lympne	210	15	81	0	18.4	-04	75	64	5	3	-	7	6	-	3	20
	Tangmere	250	12	56	0	19.1	-03	71	65	6	-	-	8	8	04	-	-
	Calshot	250	10	32	2	19.4	-03	71	65	6	-	-	7	7	50	4	12
2	Boscombe Down	250	10	80	id	18.8	-04	71	65	5	-	-	8	8	20	5	09
	Felixtowe	220	12	64	bc	16.2	-07	78	65	2	3	-	4	2	35	-	-
	Gorleston	250	09	40	bc	16.9	-08	79	62	1	-	-	4	4	40	-	-
	West Raynham	230	18	80	ir	16.8		73	65	8	-	-	7	7	30	5	30
	Mildenhall	240	09	81	0	16.5	-10	75	65	5	-	-	8	7	25	-	-
3	Cranfield	230	05	56	c	16.0	-10	73	64	8	-	-	7	5	25	3	15
	Elmdon	230	14	81	c	16.1	-12	75	64	8	-	-	7	7	25	4	18
	Wittering	230	16	72	c/d	19.9	-11	74	65	5	-	-	7	6	25	4	15
	Watnall	230	06	48	0	15.8	-08	73	65	5	7	-	8	5	25	-	-
4	Little Rissington	200	18	81	c	17.1	-12	73	63	1	-	-	6	6	15	-	-
	Ross-on-Wye	260	18	80	bc	17.4	-05	60	55	8	6	-	3	2	30	-	-
	Shawbury	250	15	82	c	16.2	-04	72	63	5	7	-	7	7	25	5	18
5	Bristol	270	13	82	c	18.4	-03	73	65	5	-	-	7	7	25	4	15
	Exeter	290	12	82	c	19.4	-05	75	67	5	-	-	7	7	20	-	-
	Portland Bill	250	09	48	2	20.1	+00	65	63	6	-	-	8	8	10	-	-
	Plymouth	250	10	80	0	20.2	-02	67	65	6	-	-	8	8	15	5	08
	Chivenor	270	16	69	0	19.5	-02	70	67	6	7	-	8	7	08	2	03
	St. Eval	250	10	02	f	20.9	+03	65	65	6	-	-	8	8	-	-	-
	Lizard	230	06	02	f	21.1	+02	65	65	-	-	-	9	9	0	-	-
	Scilly, St. Mary's	280	16	81	o/d	20.9	+02	67	65	5	-	-	8	8	12	-	-
	Guernsey	260	10	X3	f	22.1	+03	64	64	-	-	-	9	9	0	-	-
	Aberporth	250	09	80	o/d	17.3	+00	67	64	5	-	-	8	8	08	-	-
6	Pembroke	260	14	80	0	18.9	+03	63	63	5	-	-	8	8	09	-	-
7	Holyhead (Valley)	210	17	16	c	15.7	+01	65	61	5	-	-	7	7	30	1	01
8	Manchester	260	11	81	0	15.4	-03	73	65	8	-	-	8	6	30	1	15
	Squires Gate	280	12	16	o/d	15.7	-03	65	63	6	-	-	8	8	05	5	03
	Silloth	240	20	32	0	14.0	-02	63	61	6	1	-	2	6	05	-	-
9	Finningley	250	10	64	c	14.7	-08	77	64	8	-	-	7	7	35	2	25
10	Sparn Head	200	08	48	c	14.6	-16	74	66	5	-	-	7	7	22	-	-
	Leeming	180	06	81	c	13.5	-11	71	64	5	7	-	7	6	30	4	20
11	Tynemouth	270	09	56	c	12.4	-16	76	59	8	-	-	6	6	24	-	-
	St. Abb's Head	200	13	80	c	10.4	-16	68	61	5	-	-	7	7	23	-	-
12	Leuchars	230	11	20	c/d	10.5	-17	65	63	6	7	-	7	7	80	4	10
	Eskdalemuir	200	28	12	id	12.8	-05	62	62	6	-	-	8	8	02	-	-
	Prestwick	230	16	81	c	12.9	-02	65	62	8	3	2	7	3	35	2	22
	West Freugh	270	12	81	c	13.3	-04	71	63	2	3	-	6	5	20	-	-
	Rosaidsway	240	12	81	c	14.5	-03	66	63	5	3	-	6	6	40	1	12
13A	Tiree	250	14	81	c	12.2	+05	62	59	2	3	-	7	7	-	1	15
13B	Benbecula	230	16	81	c	10.2	+04	61	58	5	7	-	7	4	20	1	14
	Stornoway	240	13	82	bc	08.7	+06	65	54	8	4	-	5	4	12	-	-
	Cape Wrath	270	13	82	0	07.5	-01	56	56	6	-	-	8	8	10	-	-
	Sule Skerry	230	13	82	jp	07.2	-17	58	58	5	-	-	8	8	10	-	-
14	Loch Rannoch																
15	Dyce	190	13	48	c	09.3	-15	65	61	5	5	2	7	5	50	3	15
	Lossiemouth	250	18	82	c	08.5	-03	69	60	7	7	-	6	5	22	-	-
16	Wick	240	15	81	ir	07.5	-08	65	61	8	-	-	7	5	35	3	20
17	Lerwick	160	15	X5	fr	07.5	-31	55	55	-	-	-	9	9	0	-	-
18	Blacksod Point	270	16	75	c	16.5	+09	64	61	1	-	-	4	4	35	-	-
	Malin Head	270	24	82	c	13.5	+01	63	57	5	3	2	6	2	88	3	31
	Aldergrove	270	11	83	c	14.2	-03	73	62	8	3	-	7	3	35	3	28
19	Castle Archdale	290	15			15.0	+06	66	58	2	7	-	5	2	22	4	18
	Birr Castle	250	13	81	bc	16.6	+04	70	57	1	-	-	4	4	35	-	-
	Collinstown	270	18	84	bc	14.9	-02	72	57	8	3	-	5	1	30	-	-
20	Rineanna	270	17	82	bc	17.9	+58	66	57	2	4	-	5	5	28	-	-
	Valentia	290	14	81	bc	20.7	+14	69	58	2	-	-	3	3	19	-	-
	Midleton	290	16	82	bc	17.5	-03	73	60	1	-	-	3	3	26	-	-

* Rainfall read at 1800.

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

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Main layer Amt. 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21h State of ground (33)
0	Kew	250	10	81	ro	16.0	-07	76	65	2	7	—	8	7	31	4	21	0
	London Airport	240	13	82	c	16.1	-08	78	63	8	-	-	7	7	38	4	25	0
1	Lympne	210	12	80	c	17.4	-06	67	63	6	-	-	7	4	60	5	02	0
	Tangmere	250	14	81	bc	17.6	-06	78	62	8	-	-	5	5	40	1	25	0
	Calshot	230	13	64	bc	17.8	-11	65	65	8	-	-	4	4	35	2	08	0
2	Boscombe Down	260	09	81	c	17.6	-03	73	64	5	-	-	7	7	35	3	12	0
	Felixtowe	260	13	80	c	14.9	-10	80	66	8	-	-	6	4	40	2	35	0
	Gorleston	270	09	56	c	15.3	-04	78	64	5	-	-	7	7	30	-	-	0
	West Raynham	240	15	64	bc	14.5	-11	75	65	8	-	-	5	3	50	3	25	0
	Mildenhall	250	07	72	c	14.3	-11	79	63	8	-	-	7	7	35	2	28	0
3	Cranfield	250	20	81	bc	15.2	-05	76	62	5	-	-	4	4	30	-	-	0
	Elmdon	230	15	81	c	15.1	00	73	63	8	-	-	7	5	25	-	-	0
	Wittering	260	15	81	c	14.2	-09	76	43	8	-	-	7	4	40	4	20	0
	Watnall	250	12	82	bc	14.4	-05	73	60	8	-	-	5	4	40	2	30	0
4	Little Rissington	270	20	81	c	16.5	+07	69	62	5	-	-	7	2	70	3	20	0
	Ross-on-Wye	240	13	82	b	17.0	-01	70	64	6	-	-	2	2	25	-	-	0
	Shawbury	260	15	82	bc	[illegible]	[illegible]	73	58	8	-	-	4	2	35	3	22	0
5	Bristol	250	18	80	ir	18.0	00	65	63	6	-	-	7	5	14	1	07	0
	Exeter	290	20	82	c	18.7	-01	70	63	5	-	-	6	6	18	-	-	0
	Portland Bill																	0
	Plymouth	290	10	81	c	19.8	-02	69	64	8	-	-	7	5	20	4	12	0
	Chivenor	270	18	81	c	19.5	-01	67	61	5	-	-	7	7	20	-	-	0
	St. Eval	270	17	80	c	20.7	+01	65	59	5	-	-	6	5	10	3	05	0
	Lizard	310	10	80	c	20.9	-02	62	60	5	-	-	6	6	15	-	-	0
	Scilly, St. Mary's	290	17	80	bc	21.7	+03	65	56	5	-	-	4	4	12	-	-	0
	Guernsey	280	10	X5	id	21.3	-05	65	65	-	-	-	9	9	-	-	-	1
	Aberporth	240	10	81	c	17.0	-01	67	60	8	-	-	6	6	30	1	18	0
6	Pembroke	260	18	80	b	17.6	-05	63	60	-	7	-	1	1	81	-	-	0
7	Holyhead (Valley)	240	11	82	b	15.0	-01	65	59	8	-	-	2	2	30	-	-	0
8	Manchester	280	12	81	c	15.1	00	70	61	2	3	-	6	5	25	-	-	0
	Squires Gate	260	13	82	b	14.7	-06	68	61	8	-	-	2	1	25	-	-	1
	Silloth	250	08	81	pr	12.6	-05	64	61	8	3	-	7	4	25	7	38	0
9	Finningley	290	08	40	bc	13.5	-08	73	62	2	-	-	4	4	40	-	-	0
10	Sparn Head	290	06	24	o	13.2	-03	69	64	8	-	-	8	8	20	-	-	0
	Leeming	270	17	83	b	12.8	-04	71	57	1	4	1	2	1	-	1	25	0
11	Tynemouth	270	13	80	bc	11.4	-10	74	61	3	4	2	5	2	33	-	-	0
	St. Abb's Head	270	13	81	c	09.9	-07	69	53	5	-	-	6	6	30	-	-	0
12	Leuchars	250	18	83	c	09.6	+01	70	51	4	6	3	6	2	-	3	40	0
	Eskdalemuir	240	09	82	bc	11.7	+03	67	53	1	3	5	5	2	23	-	-	0
	Prestwick	270	11	81	c	13.2	+03	64	55	8	7	-	7	5	45	1	18	0
	West Freugh	360	11	81	c	13.6	+04	63	54	8	6	2	7	6	40	2	25	1
	Rosaidsway	280	15	82	c	14.1	00	65	58	8	-	-	6	6	30	-	-	0
13A	Tiree	260	16	81	bc	11.9	-02	60	54	8	3	-	4	1	22	1	15	1
13B	Benbecula	250	16	81	c/pr	09.1	-04	60	55	8	3	-	6	2	30	3	19	2
	Stornoway	230	20	80	pr	07.8	-07	58	54	2	-	-	7	7	12	-	-	1
	Cape Wrath	270	19	83	c/pr	06.8	-12	55	53	8	-	-	7	7	15	-	-	1
	Sule Skerry	230	09	81	jp	06.4	-12	58	56	7	-	-	8	8	10	-	-	0
14	Loch Rannoch																	
15	Dyce	310	12	82	c	08.2	-01	69	53	8	-	-	7	5	45	3	30	1
	Lossiemouth	270	20	82	c	08.1	+01	67	47	5	-	-	6	6	32	3	30	0
16	Wick	250	16	81	c	06.7	-07	65	50	5	-	-	6	6	30	-	-	0
17	Lerwick	260	20	40	o	04.3	-08	54	54	6	-	-	8	8	06	-	-	1
18	Blacksod Point	270	18	80	bc	16.7	-02	63	54	2	-	-	3	3	23	-	-	0
	Malin Head	270	18	82	bc	14.1	+01	61	54	1	-	-	5	5	31	-	-	0
	Aldergrove	270	17	83	bc	14.3	+08	64	57	8	3	1	5	4	35	2	25	0
19	Castle Archdale	290	20	81	bc/pr	15.4	+02	60	57	8	6	-	4	3	18	-	-	0
	Birr Castle	250	13	81	c	18.0	+06	66	53	3	-	-	6	6	30	-	-	0
	Collinstown	280	19	83	c	15.9	+09	67	54	8	-	-	7	5	50	2	32	0
20	Rineanna	270	15	82	c	19.4	+01	64	55	8	-	-	7	5	30	-	-	0
	Valentia	270	14	81	pr	21.0	-03	65	53	2	3	-	7	6	20	-	-	0
	Midleton	290	13	82	c	19.6	+02	66	55	4	3	-	6	4	25	-	-	0

OBSERVATIONS during DAY (27th)

Stations	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	cyoycroc	81	3.7	Tr
London Airport	aoobccyc	81		Tr
Lympne	bbcpbc	77	8.7	-
Tangmere	cudocbbcybc	78	4.9	-
Calshot	cmocbc	75	4.8	-
Boscombe Down	ccudobcc	81	2.6	Tr
Felixtowe	bccybccyc	82	6.4	-
Gorleston	czobcyzocy	81	6.4	-
West Raynham	ccpvoc	76	4.3	Tr
Mildenhall	c	81	2.8	-
Cranfield	ccidocybcybcb	80	5.5	Tr
Elmdon	cudomocbypvobc	79		Tr
Wittering	ccdodocbc	79	3.8	Tr
Watnall	czocbcb	75	3.8	-
Little Rissington	ccycbc	77	5.5	-
Ross-on-Wye	ccbcycbc	79	8.7	-
Shawbury	c bcy bc	77	8.3	-
Bristol	occdocrobc	78	4.6	Tr
Exeter	cprocudoc	79	3.4	Tr
Portland Bill	pbccbc	65	•	-
Plymouth	oidomociroc	70	1.7	Tr
Chivenor	pidomoc	71	1.2	Tr
St. Eval	tidoepepddpiroc	67	0.3	Tr
Lizard	dpomc	67		0.2
Scilly, St. Mary's	oidocbcb	71	3.8	Tr
Guernsey	ffidoc	68	0.0	0.1
Aberporth	cudocbccbcc	72	5.0	Tr
Pembroke	fidofcbc	65	4.8	Tr
Holyhead (Valley)	cmobcc	68	7.2	-
Manchester	cpvoc	73	2.6	Tr
Squires Gate	cdodomocbbc	69	4.4	1
Silloth	cdodomobccpvoc	67		0.1
Finningley	czocpvobzo	77	3.0	Tr
Sparn Head	cmoomobcmo	77	3.9	-
Leeming	cbc	75	4.7	-
Tynemouth	cmocbcc	77	•	-
St. Abb's Head	ccpvobc	74	•	Tr
Leuchars	ocdomcyc	75	5.6	Tr
Eskdalemuir	ododocbc	71	4.3	-
Prestwick	cdodocbccbc	70	6.0	Tr
West Freugh	cuvo	74	•	Tr
Rosaidsway	cbc	69	8.1	-
Tiree	cdodombcpvc	64	5.3	0.4
Benbecula	cuvopvoc	62	5.1	1
Stornoway	bbccpr	67	5.5	0.2
Cape Wrath	o	61	•	4
Sule Skerry		60	•	3
Loch Rannoch				
Dyce	cuvomocbcy	72	3.8	Tr
Lossiemouth	cr	73	0.0	0.4
Wick	cuvobc	71	3.3	0.2
Lerwick	ofrrcmobcc	57	0.4	6
Blacksod Point		65	9.6	-
Malin Head	cbc	64		-
Aldergrove	ccudocuybc	75	6.7	Tr
Castle Archdale	bccpvoc	67	7.0	0.2
Birr Castle	bcc	72	8.7	-
Collinstown	bcb	74	9.3	-
Rineanna	c	69	8.6	-
Valentia	pr	69	8.3	Tr
Midleton	bc	76	10.9	-

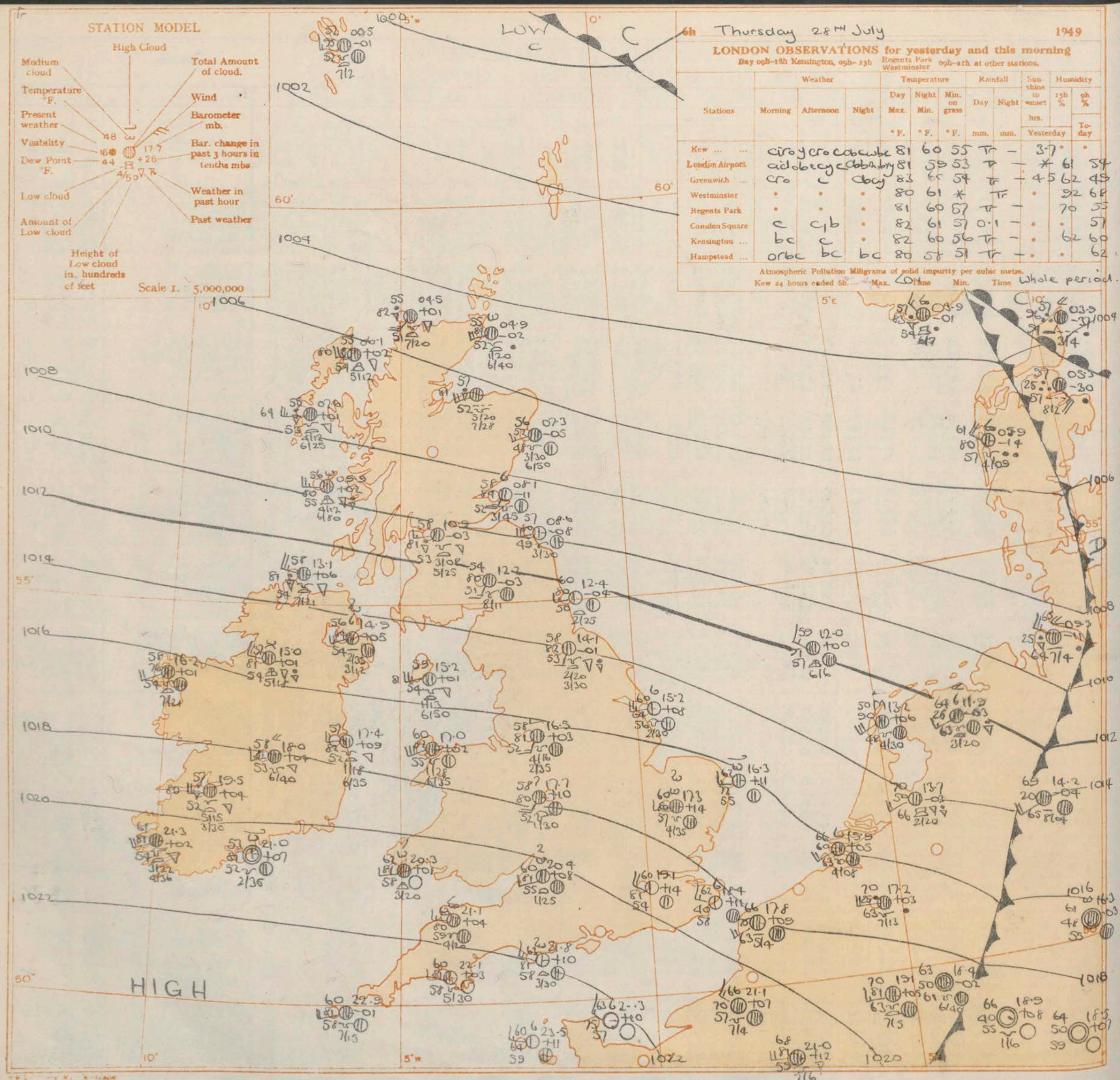
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

* Information not usually received.

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

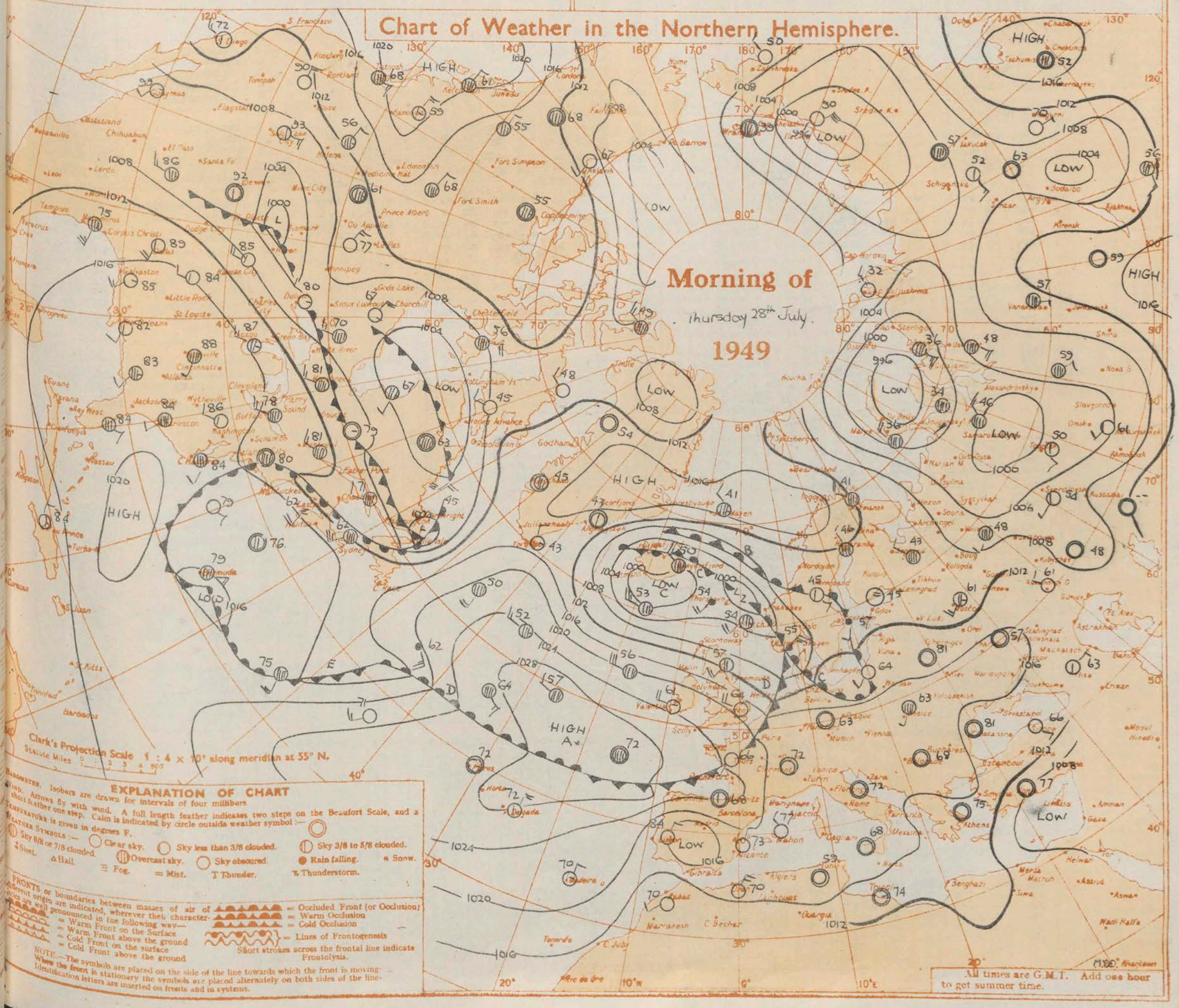

STATION MODEL
High Cloud
Medium cloud
Temperature °F.
Present weather
Visability
Dew Point °F.
Low cloud
Amount of Low cloud
Height of Low cloud in hundreds of feet
Total Amount of cloud.
Wind
Barometer mb.
Bar. change in past 3 hours in tenths mbs
Weather in past hour
Past weather
Scale 1. 5,000,000
6h Thursday 28TH July 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–17h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min. °F., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 15h % 9h % Today
Kew ... ... | cirocro cobcubc | 81 60 55 | Tr — | 3·7 * | *
London Airport | cidobccyc cbbmbry | 81 59 53 | Tr — | * 61 54
Greenwich ... | cro c cbcy | 83 60 54 | Tr — | 4·5 62 49
Westminster | * * * | 80 61 * | Tr | * 92 68
Regents Park | * * * | 81 60 57 | Tr — | 70 55
Camden Square | c c/b * | 82 61 57 | 0·1 — | * * 57
Kensington ... | bc c * | 82 60 56 | Tr — | * 62 60
Hampstead ... | orbc bc bc | 80 58 51 | Tr — | * * 62
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. Time Min. Time Whole period.
LOW
HIGH
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
60°
55°
50°
10°
5°W
5°E

GENERAL INFERENCE

A ridge of high pressure on the Atlantic will move eastward towards the British Isles, while a deepening depression off the Norwegian coast is expected to move southeastwards. There will be scattered showers in England and Wales with bright periods. In Scotland and Northern Ireland showers will be frequent and locally heavy. Generally cool.

FURTHER OUTLOOK

Cool showery conditions in most areas, but fair in Southwest England.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 28th July 1949

No. 32025

OBSERVATIONS at 00hr G.M.T. 28th July

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low (9)	Cloud: Form: Medium (10)	Cloud: Form: High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt 0-8 (13)	Cloud: Main layer: Ht. (14)	Cloud: Lowest layer: Amt. 0-8 (15)	Cloud: Lowest layer: Ht. (16)
0	Kew	18	*	*	*	*	*	*	65	*	*	*	*	*	*	*	*	
	London Airport	82	270	11	81	b	17.4	+08	64	59	-	-	-	0	0	0	-	-
1	Lympne	341	230	07	40	bc	17.0	-01	65	63	5	-	-	4	4	75	-	
	Tangmere	53	310	09	64	b	18.2	+09	64	60	-	-	-	0	0	0	-	-
	Calshot	8	270	10	81	b	18.7	+09	64	60	-	-	-	0	0	0	-	-
	Boscombe Down	414	270	09	80	b	18.8	+03	61	59	4	-	-	1	1	15	-	-
2	Felixtowe	10	270	16	80	b	18.2	+05	70	62	-	-	-	0	0	0	-	-
	Gorleston	5	270	09	56	b	14.9	+00	71	63	-	7	-	1	1	80	-	-
	West Raynham	250	270	10	64	b	14.8	+05	64	59	4	-	-	1	1	20	-	-
	Mildenhall	15	270	06	81	b	15.5	+10	66	62	-	-	-	0	0	0	-	-
3	Cranfield	340	250	07	64	b	16.2	+07	61	58	-	-	-	1	-	-	-	-
	Elmdon	326	260	09	80	bc	16.5	+10	63	58	-	-	2	3	2	-	-	-
	Wittering	236	260	07	64	b	15.4	+04	60	57	5	-	-	1	1	30	-	-
	Watnall	366	270	05	80	bc	15.9	+12	62	57	5	-	-	5	5	45	-	-
4	Little Rissington	740	250	09	56	b	17.8	+06	59	58	-	-	-	0	0	0	-	-
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury	235	270	03	81	bc	16.9	+09	62	57	5	-	-	4	4	35	-	-
5	Bristol	209	270	11	80	bc	18.8	+07	62	60	5	-	-	4	4	37	1	15
	Exeter	100	290	08	64	b	20.5	+08	62	60	-	4	-	1	-	-	-	-
	Portland Bill	32	290	13	81	bc	19.9	+00	64	59	5	4	-	3	2	20	-	-
	Plymouth	90	270	05	81	b	21.5	+10	63	60	-	-	-	0	0	0	-	-
	Chivenor	20	310	11	82	b	20.7	+08	59	56	-	-	-	0	0	0	-	-
	St. Eval	396	280	12	81	b	22.2	+06	62	57	-	-	-	0	0	0	-	-
	Lizard	240	350	12	64	b	22.8	+15	61	56	5	-	-	1	1	15	-	-
	Scilly, St. Mary's	163	290	15	83	b	23.1	+08	61	57	1	-	-	1	1	20	-	-
	Guernsey	340	300	13	81	c	21.9	+04	62	57	6	-	-	8	7	18	3	14
	Aberporth	375	270	10	81	bc	19.4	+11	59	53	-	5	5	4	-	-	-	-
6	Pembroke	142	280	07	80	bc	20.2	+15	60	56	-	7	-	3	3	52	-	-
7	Holyhead (Valley)	32	250	16	81	b	17.0	+11	60	53	5	-	-	1	1	30	-	-
8	Manchester	230	260	05	64	b	16.2	+11	60	55	-	-	-	0	0	0	-	-
	Squires Gate	33	290	17	81	bc	16.0	+11	62	55	5	-	-	5	5	50	-	-
	Silloth	25	270	14	81	b	13.8	+05	59	53	3	5	-	-	-	-	-	-
9	Finningley	52	290	11	56	b	14.7	+08	62	56	-	4	-	1	1	-	-	-
10	Spurn Head	29	270	17	56	b	12.9	+00	66	59	5	-	-	2	2	25	-	-
	Leeming	105	290	06	82	b	13.7	+09	62	56	5	-	-	2	2	30	-	-
	Tynemouth	108	270	04	56	bc	12.7	+07	60	49	1	-	-	3	3	25	-	-
11	St. Abb's Head	280	270	09	80	bc	10.9	+01	57	49	5	-	-	3	3	30	-	-
	Leuchars	36	240	09	82	bc	10.4	+05	57	50	4	-	-	4	4	35	-	-
12	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick	30	210	11	80	o	13.0	-03	59	54	5	-	-	8	8	30	-	-
	West Freugh	52	-	0	80	b	14.4	+03	55	50	5	-	-	1	1	35	-	-
	Ronaldsway	55	260	10	83	b	15.7	+05	57	51	5	-	-	1	1	40	-	-
13A	Tiree	29	260	16	81	bc	10.5	-08	56	53	5	-	2	5	3	18	-	-
13B	Benbecula	18	250	12	81	o/pr	08.1	-03	56	52	8	-	-	8	8	30	3	18
	Stornoway	10	250	10	80	c	06.6	-03	56	53	8	-	-	7	5	15	-	-
	Cape Wrath	367	230	19	82	pr	05.8	-13	55	53	8	-	-	7	7	20	-	-
	Sule Skerry	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce	234	250	16	82	bc	08.1	-01	55	48	5	-	-	4	4	30	-	-
	Lossiemouth	21	220	10	81	c/r	07.6	-03	56	53	5	-	-	7	7	23	3	30
	Wick	119	240	03	82	c	06.1	-05	55	51	5	3	-	7	6	36	-	-
16	Lerwick	269	250	14	40	c	03.2	-06	54	51	3	-	-	7	7	30	4	03
17	Blacksod Point	18	260	24	78	o	16.1	-01	59	53	8	-	-	8	8	23	-	-
18	Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	220	220	13	81	bc	15.1	-02	57	51	5	3	-	5	4	31	-	-
	Castle Archdale	225	250	13	81	o	15.0	-07	58	53	5	-	-	8	8	20	-	-
19	Birr Castle *	187	270	09	81	c	18.3	+01	58	52	5	-	-	6	6	35	-	-
	Colbinstown *	226	250	14	82	bc	17.0	+01	59	51	5	-	-	3	3	27	-	-
	Rineanna *	10	250	14	81	c	19.2	+00	61	56	5	-	-	7	7	56	-	-
20	Valentia *	30	270	12	81	b	21.1	+00	61	55	5	-	-	1	1	33	-	-
	Midleton *	30	230	00	81	b	20.6	+01	57	54	5	3	-	2	1	35	-	-

* Rainfall read at 0600.

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

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low (25)	Cloud: Form: Medium (26)	Cloud: Form: High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt 0-8 (29)	Cloud: Main layer: Ht. (30)	Cloud: Lowest layer: Amt. 0-8 (31)	Cloud: Lowest layer: Ht. (32)	9 h. State of ground (33)
Kew	270	10	72	bc	19.0	+15	62	52	-	-	8	3	-	-	-	-	0
London Airport	290	14	81	b	19.1	+14	60	54	-	-	1	2	2	86	-	-	0
Lympne	280	10	40	b	18.4	+11	62	58	-	4	1	2	1	-	-	-	0
Tangmere	290	06	80	b	20.2	+14	60	55	-	-	4	1	-	-	-	-	0
Calshot	280	05	81	b	20.8	+14	59	53	-	-	4	1	-	-	-	-	0
Boscombe Down	270	05	80	bc	20.5	+12	55	51	-	-	2	5	-	-	-	-	0
Felixtowe	280	10	56	b	16.9	+15	63	59	5	3	2	2	1	45	-	-	0
Gorleston	270	10	72	bc	16.3	+11	62	55	-	3	1	5	3	80	-	-	0
West Raynham	270	12	82	bc	16.3	+13	60	53	-	3	9	4	-	-	-	-	0
Mildenhall	270	03	80	c	17.3	+14	60	57	5	3	9	7	2	-	4	35	0
Cranfield	250	09	81	bc	17.8	+12	57	52	-	3	6	5	1	80	-	-	0
Elmdon	230	15	80	c	17.7	+10	58	52	4	-	4	7	1	30	-	-	0
Wittering	290	12	80	c	17.6	+13	59	54	8	-	6	7	3	35	3	20	0
Watnall	270	05	64	c	16.9	+09	57	53	5	-	8	7	4	25	-	-	0
Little Rissington	290	13	82	c	19.3	+16	55	49	-	-	8	7	-	-	-	-	0
Ross-on-Wye	230	02	81	c	19.8	+05	58	50	8	-	2	7	1	25	-	-	0
Shawbury	260	12	81	c	17.6	+05	59	51	5	3	5	7	2	60	1	30	0
Bristol	260	02	81	c	20.4	+08	60	55	1	3	6	6	1	25	-	-	0
Exeter	-	0	64	bc	21.4	+04	59	56	5	5	-	3	2	25	-	-	1
Portland Bill	290	09	81	bc	21.8	+10	63	58	1	-	9	3	2	86	2	30	0
Plymouth	270	06	81	bc	22.1	+03	60	58	5	-	-	5	5	30	-	-	0
Chivenor	270	10	80	o	21.1	+04	63	59	5	7	-	8	8	80	4	20	0
St. Eval	260	12	64	ic	22.7	+06	65	59	6	-	-	8	8	12	-	-	0
Lizard	300	08	64	c	23.1	+01	59	59	6	-	-	7	7	20	-	-	1
Scilly, St. Mary's	270	15	81	c	22.9	-01	60	58	5	-	-	7	7	15	-	-	0
Guernsey	310	10	64	b	23.5	+11	60	59	-	4	-	1	1	-	-	-	1
Aberporth	260	10	81	c	19.7	+03	59	56	-	4	6	6	1	-	-	-	0
Pembroke	280	09	80	c	20.6	+02	60	56	5	7	1	6	3	30	-	-	0
Holyhead (Valley)	250	25	82	c	17.0	+02	60	55	5	-	-	7	6	35	1	28	0
Manchester	220	09	81	c	16.5	+03	58	52	5	-	5	7	2	35	4	16	0
Squires Gate	270	25	81	c	15.9	+02	60	55	8	4	1	7	5	50	3	16	0
Silloth	260	20	81	o	13.1	-04	59	53	6	-	-	8	8	30	-	-	0
Finningley	250	08	56	c	15.8	+04	60	52	2	5	1	7	5	-	3	14	0
Spurn Head	270	18	64	bc	15.2	+08	60	56	5	4	-	3	2	30	-	-	0
Leeming	180	05	82	bc/pr	14.1	-01	58	53	8	-	-	4	3	30	2	20	0
Tynemouth	270	09	80	b	12.4	-04	60	50	1	-	-	2	2	25	-	-	0
St. Abb's Head	270	13	80	bc	08.6	-08	57	49	5	-	-	3	3	30	-	-	0
Leuchars	230	20	84	bc	08.1	-11	58	52	5	4	-	4	1	-	3	45	0
Eskdalemuir	200	10	80	o	12.2	-03	54	51	5	-	-	8	8	11	-	-	0
Prestwick	240	18	81	c	12.3	+01	58	54	5	7	-	7	6	30	4	15	1
West Freugh	270	23	80	bc	13.7	+01	55	53	8	3	1	5	2	35	2	20	1
Ronaldsway	250	20	81	c	15.2	+01	59	54	8	-	-	6	6	50	1	13	0
Tiree	280	18	18	c/pr	09.9	+02	56	55	3	3	2	7	6	80	4	12	0
Benbecula	270	20	64	pr	07.6	+01	55	53	8	-	-	8	8	25	4	12	1
Stornoway	260	15	80	pr	06.1	+02	55	54	2	-	-	7	5	12	-	-	2
Cape Wrath	230	19	82	pr	04.5	+01	55	51	8	-	-	7	7	20	-	-	1
Sule Skerry																	
Loch Rannoch																	
Dyce	260	10	82	c	07.3	-05	56	48	5	-	-	6	6	50	3	30	1
Lossiemouth	260	15	81	pr	06.4	-03	57	52	7	-	-	7	7	28	3	20	0
Wick	260	13	84	c	04.9	-02	55	52	8	3	-	7	6	40	1	20	0
Lerwick	260	10	82	bc	02.2	-07	54	53	3	3	2	5	4	20	2	06	1
Blacksod Point	260	16	76	c	16.2	+01	58	54	8	-	-	7	7	21	-	-	0
Malin Head	290	18	81	pr	13.1	+06	58	54	8	-	-	7	7	21	-	-	1
Aldergrove	250	13	64	c	14.9	+05	56	54	6	4	9	6	2	35	1	20	1
Castle Archdale	280	15	81	c/pr	15.0	+01	57	54	3	6	-	6	5	18	-	-	1
Birr Castle	270	09	81	o	18.0	+04	58	53	5	2	-	8	6	40	-	-	0
Colbinstown	270	15	82	c	17.4	+04	57	52	8	-	-	7	6	35	1	18	0
Rineanna	270	12	80	pr	19.5	+04	57	52	8		-	8	3	30	5	15	1
Valentia	260	16	81	c	21.3	+02	61	54	8	-	-	7	4	36	3	22	1
Midleton	-	0	81	bc	21.0	+07	53	52	5	3	1	3	2	35	-	-	0

OBSERVATIONS Wednesday NIGHT

Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h.: Min. °F. (39)	Temperature 21 h.-09 h.: Min. on Grass °F. (40)	Rain mm. (41)
Kew	cbcwbc	60	55	-
London Airport	cbbmobcbuy	59	53	-
Lympne	bcbbwbcy	58	51	-
Tangmere	bcbbcy	58	54	-
Calshot	bcbbcbbc	58	56	-
Boscombe Down	bccbbc	53	46	-
Felixtowe	cbwc	63	58	-
Gorleston	cycdccy	61	57	-
West Raynham	bccbcy	56	57	-
Mildenhall	cbcbbcmoc	58	52	-
Cranfield	bbcbwmocmowbc	56	52	-
Elmdon	bcbcbc	57	51	-
Wittering	bbmoc	57	55	-
Watnall	bbcbc	56	51	-
Little Rissington	bbcbcy	54	62	-
Ross-on-Wye	bcbbccbc	57	*	-
Shawbury	bcbc	56	52	-
Bristol	cbobcbbcc	55	43	Tr
Exeter	cbcbwcdodo	56	50	0.2
Portland Bill	bcbcbcc	61	*	-
Plymouth	bbwbcc	59	54	Tr
Chivenor	cbwcdoc	55	49	Tr
St. Eval	cbcbcwobcc	59	56	Tr
Lizard	bccprc	57	*	Tr
Scilly, St. Mary's	bcwbcprb	59	*	Tr
Guernsey	cbzwb	60	57	-
Aberporth	bcbccbcb	57	51	-
Pembroke	bcbccq	59	*	-
Holyhead (Valley)	bcbbckbbc	58	55	-
Manchester	cbccpro	67	54	Tr
Squires Gate	bccbc	59	57	-
Silloth	cbccprbc	58	54	Tr
Finningley	bzocpromoc	57	53	Tr
Spurn Head	bc	59	*	-
Leeming	bccprojp	56	53	Tr
Tynemouth	cbbc	57	52	-
St. Abb's Head	bc	54	*	-
Leuchars	bccy	55	52	-
Eskdalemuir	bcc	51	48	-
Prestwick	bcbbccprocpro	56	55	0.3
West Freugh	ccrobcprobcc	53	45	2
Ronaldsway	cprobc	57	51	Tr
Tiree	bccpre	54	52	1
Benbecula	cprproc	54	49	5
Stornoway	cprpro	54	52	1
Cape Wrath	pr	53	50	3
Sule Skerry				
Loch Rannoch				
Dyce	bcc	53	45	-
Lossiemouth	crocbpc	53	52	0.2
Wick	croc	53	51	Tr
Lerwick	cproc	53	45	0.6
Blacksod Point	dc	55	46	Tr
Malin Head	pr	55	*	5
Aldergrove	bcccrocccjp	55	50	0.2
Castle Archdale	cproc	55	54	2
Birr Castle	cpr	56	53	0.3
Colbinstown	cpr	56	55	Tr
Rineanna	pr	57	55	0.1
Valentia	cpr	58	56	Tr
Midleton	bcb	51	44	-

* Information not usually received.

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 29th July 1949

No 32026

OBSERVATIONS at 12h. G.M.T. 28th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Main layer Amt. 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	250	11	81	c	19.8	00	71	46	2	–	2	6	6	30	–	–
	London Airport	280	13	82	bc	19.9	-01	75	45	1	–	5	5	4	29	–	–
1	Lympne	270	13	82	b	19.3	-01	76	47	5	–	2	2	2	30	–	–
	Tangmere	260	12	81	c	20.3	-03	72	54	1	7	1	6	5	20	–	–
	Calshot	230	18	81	c	21.3	-04	71	58				6	6	25	–	–
	Boscombe Down	260	12	81	bc	19.9	-04	73	53	1	–	4	4	4	25	–	–
2	Felixtowe	270	18	82	c	18.3	+02	74	51	1	–	2	6	5	35	–	–
	Gorleston	290	17	72	bc	17.3	+09	70	49	2	–	–	4	4	30	–	–
	West Raynham	270	22	81	c	17.3	+03	69	48	2	–	–	7	7	20	–	–
	Mildenhall	270	12	81	c	18.0	-01	73	49	1	–	1	6	5	30	–	–
3	Cranfield	290	12	84	c	18.7	+04	70	48	2	–	1	6	5	30	–	–
	Elmdon	260	15	81	c	18.8	+02	66	50	1	3	1	7	6	25	–	–
	Wittering	270	16	81	bc	18.3	-05	69	51	8	–	1	5	1	35	4	25
	Watnall	270	12	81	c	17.7	-01	67	51	5	7	–	6	6	25	–	–
4	Little Rissington	290	10	83	c	19.7	-02	68	47	1	–	1	6	5	35	–	–
	Ross-on-Wye	260	12	81	c	20.0	-04	70	49	8	–	1	6	5	35	–	–
	Shawbury	270	20	82	c	18.9	+04	69	49	2	–	6	6	5	25	–	–
5	Bristol	270	16	83	bc	20.6	-03	72	51	2	–	9	3	2	25	–	–
	Exeter	280	17	82	bc	21.9	-05	72	50	8	–	4	4	2	25	1	20
	Portland Bill																
	Plymouth	310	12	81	bc	22.8	00	69	53	1	–	9	5	4	20	–	–
	Chivenor	270	18	81	bc	22.6	+08	68	57	8	3	9	3	~~2~~ 4	25	2	15
	St. Eval	280	16	83	bc	23.8	+04	68	55	8	3	9	3	2	18	–	–
	Lizard	310	07	80	c	23.9	+03	67	59	8	–	–	7	7	25	–	–
	Scilly, St. Mary's	290	09	82	c	24.3	+01	69	59	8	–	–	7	7	21	–	–
	Guernsey	250	12	81	b	24.5	+01	68	60	1	3	2	2	1	15	–	–
	Aberporth	270	15	81	bc	20.8	+04	65	53	1	4	5	4	1	15	–	–
6	Pembroke	250	12	81	bc	21.7	+05	62	55	2	7	8	5	4	65	1	25
7	Holyhead (Valley)	240	21	81	c	18.2	00	65	55	2	6	2	7	3	–	2	30
8	Manchester	280	15	82	c	18.0	+05	67	53	2	–	1	6	6	25	–	–
	Squires Gate	270	24	82	bc	17.6	+10	65	56	2	6	1	4	3	25	–	–
	Silloth	250	25	81	c	14.4	+07	65	56	8	6	–	6	6	55	3	25
9	Finningley	250	17	80	c	16.8	00	66	50	2	7	–	7	4	25	–	–
10	Spurn Head	270	20	24	bc	16.2	+02	67	54	1	–	–	5	5	30	–	–
	Leeming	270	22	82	bc	15.2	+06	67	51	1	–	–	5	5	30	–	–
11	Tynemouth	270	19	80	c	13.5	+09	64	51	3	–	–	6	6	28	–	–
	St. Abb's Head	270	19	80	bc	10.7	+14	64	57	5	–	–	4	4	37	–	–
12	Leuchars	260	19	83	c	09.7	+04	68	47	8	–	–	6	3	35	4	18
	Eskdalemuir	230	11	81	pro	13.3	+08	59	52	2	–	–	7	8	15	–	–
	Prestwick	240	20	81	c	13.8	+07	61	56	8	–	–	7	7	35	2	16
	West Freugh	280	16	81	cpr	15.5	+03	61	55	8	6	–	7	3	35	6	15
	Ronaldsway	230	25	83	bc	16.7	+03	64	55	8	–	2	4	2	60	2	20
13A	Tiree	250	15	80	pro	11.8	+09	61	55	3	–	–	8	8	09	–	–
13B	Benbecula	250	17	81	c	08.6	+01	60	50	3	3	–	6	5	30	4	18
	Stornoway	250	18	81	cpr	08.5	+06	60	53	3	6	–	7	6	15	–	–
	Cape Wrath	270	19	82	pro	06.4	+13	55	53	8	–	–	7	7	20	–	–
14	Sule Skerry																
15	Loch Rannoch																
	Dyce	280	16	82	cpr	08.3	+06	65	50	8	6	–	6	3	45	4	25
	Lossiemouth	250	22	83	c	07.7	+08	64	49	8	–	–	7	7	34	3	22
16	Wick	290	20	81	cpr	06.3	+13	63	55	3	3	–	7	6	20	–	–
17	Lerwick	250	18	81	pro	02.8	+05	56	54	6	6	–	7	6	18	2	08
18	Blacksod Point	270	16	80	cpr	18.0	+07	60	53	3	–	–	7	7	19	–	–
	Malin Head	290	18	80	pro	14.6	+08	61	54	8	–	–	6	6	21	–	–
	Aldergrove	230	20	81	c	15.6	+03	64	55	8	6	–	7	6	35	2	20
19	Castle Archdale	290	19	81	pro	16.8	+08	57	54	8	–	–	7	7	45	4	15
	Birr Castle	270	13	81	c	19.3	+02	69	59	4	–	2	7	5	35	–	–
	Collinstown *	280	22	82	pro	17.9	+02	65	50	8	–	2	7	4	23	–	–
20	Rineanna *	240	20	81	c	20.6	+04	61	56	8	–	–	7	6	20	–	–
	Valentia *	270	13	81	pro	22.6	+01	59	53	8	–	–	7	7	18	–	–
	Midleton *	290	13	81	c	21.5	00	66	53	8	–	–	7	4	32	3	26

OBSERVATIONS at 18h. G.M.T. 28th July — OBSERVATIONS during DAY (28th)

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	°F. Dry Bulb (23)	°F. Dew point (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt. 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	21h State of ground (33)	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	290	10	81	c	18.5	-08	75	50	4	7	6	6	4	40	–	–	0	bcybcycycy	76	11.8	–
London Airport	280	16	82	c	~~17.4~~ 18.5	~~-05~~ -06	72	50	2	7	6	6	1	80	3	27	0	cryybc	77	*	–
Lympne	230	11	82	bc	18.6	-05	70	57	1	3	1	4	3	–	1	25	0	bybcbycbcw	79	13.1	–
Tangmere	280	10	82	bc	19.3	-05	71	56	4	3	2	5	2	25	–	–	0	bbcycybcy	77	12.2	–
Calshot	290	19	81	c	19.9	-06	73	49	5	7	4	6	3	–	3	25	0	bcbcycy	73	11.6	–
Boscombe Down	270	13	82	c	20.2	+03	65	50	–	7	–	6	4	81	–	–	0	bcbcycyc	75	10.7	–
Felixtowe	280	13	82	bc	17.0	-11	77	52	5	–	2	5	3	45	–	–	0	ccrybcrycy	79	12.2	–
Gorleston	290	10	80	c	16.8	-02	73	49	4	–	2	6	2	50	–	–	0	cybcycy	78	10.3	–
West Raynham	270	14	82	c	16.9	-02	68	48	4	4	2	6	1	20	–	–	0	bcyc	73	10.4	–
Mildenhall	300	08	81	c	17.3	-06	73	51	4	–	2	7	4	30	–	–	0	cbcycyc	77	9.0	–
Cranfield	290	07	82	c	17.8	-01	69	49	2	–	2	7	4	40	–	–	0	cybcycybcy	74	11.9	–
Elmdon	240	12	81	c	18.4	-06	66	49	4	–	4	7	3	30	–	–	0	bccrc	71	*	–
Wittering	280	19	81	c	17.7	-07	68	48	4	6	4	7	2	40	–	–	0	cbcycy	72	10.1	–
Watnall	250	14	51	c	17.3	-04	66	51	1	6	2	7	4	30	–	–	0	bbccy	69	6.9	–
Little Rissington	270	15	81	c	18.8	-04	66	45	4	3	–	7	6	35	–	–	0	bcyrcyrc	71	8.8	–
Ross-on-Wye	270	09	82	c	19.4	-04	67	49	5	2	9	7	1	30	–	–	0	bccybcyerc	73	8.2	–
Shawbury	250	20	82	c	18.3	-04	66	49	8	–	8	7	5	35	1	22	0	~~cbcycbc~~ c,bcy,cy.	73	9.7	–
Bristol	260	18	82	c	20.1	-06	66	54	8	7	2	7	6	84	1	28	0	bcyrc	73	11.6	–
Exeter	300	15	82	o	21.2	-08	68	52	4	3	5	8	5	25	–	–	0	cdodonobcycyc	73	7.2	–
Portland Bill	280	09	81	c	21.7	-01	67	59	5	3	–	6	4	80	3	20	0	c	65	•	–
Plymouth	250	10	81	c	22.0	-05	66	59	5	7	–	7	7	81	1	20	0	cbcycyc	71	7.8	–
Chivenor	280	15	81	c	21.5	-11	65	58	8	7	–	7	3	30	2	15	0	cbcjpc	70	6.6	–
St. Eval	220	15	81	c	22.7	-07	63	58	5	–	–	7	7	50	1	20	0	bcc	68	6.0	–
Lizard	300	04	82	c	22.9	-10	63	60	5	3	–	6	3	20	–	–	0	bcco	67	•	–
Scilly, St. Mary's	270	09	82	o	22.9	-11	67	60	8	–	–	8	8	21	–	–	1	cpiro	71	4.1	0.4
Guernsey	280	10	81	c	23.2	-06	65	59	5	7	–	7	6	35	–	–	0	bbcc	70	10.9	–
Aberporth	250	17	81	c	19.8	-07	62	53	8	–	–	7	7	55	1	18	0	bbcc	66	8.7	–
Pembroke	260	14	81	c	20.2	-15	62	57	2	7	8	6	4	65	1	25	0	bc	66	7.4	–
Holyhead (Valley)	220	13	82	c	17.4	-07	62	56	5	3	–	7	7	35	1	20	0	bcc	67	7.3	–
Manchester	280	15	82	c	17.5	-03	64	52	2	–	–	7	7	50	4	30	0	cproc	68	3.8	Tr
Squires Gate	270	21	82	c	17.1	-04	63	54	8	3	–	7	3	45	1	25	0	bcc	67	8.9	–
Silloth	260	10	81	pro	14.6	-04	60	56	8	7	–	7	6	35	3	20	1	ccproc	65		0.5
Finningley	270	12	56	c	16.7	-05	65	51	8	3	2	7	5	45	2	30	0	cbcyc2o	70	5.3	–
Spurn Head	270	18	56	c	15.9	-06	67	53	5	–	–	6	6	25	–	–	0	bom.cmoc	69	8.7	–
Leeming	250	14	82	c	15.4	-02	64	52	5	7	–	7	7	–	6	25	0	bcycyc	70	7.4	–
Tynemouth	270	19	56	c	13.6	-02	64	55	3	–	–	6	6	28	–	–	0	bccprc	~~68~~ 69		Tr
St. Abb's Head	270	19	80	bc	10.9	+01	61	47	5	–	–	4	4	35	–	–	0	bc	66	•	–
Leuchars	240	22	84	c	10.2	00	63	48	1	3	4	7	3	18	–	–	0	cycproc	70	8.4	0.1
Eskdalemuir	240	11	82	o	13.6	-01	58	48	8	1	–	8	6	22	–	–	0	ccpropr proc	62	4.0	2
Prestwick	230	13	81	o	14.1	-04	60	53	8	7	7	8	4	22	1	15	1	cprccprocjp	65	2.8	2
West Freugh	270	12	82	o	15.3	-05	59	53	8	7	–	8	4	15	–	–	1	cpropr c	63		1
Ronaldsway	240	13	83	c	16.3	+06	62	55	8	–	–	7	7	40	3	30	0	bccproc	65	6.0	Tr
Tiree	270	13	80	o	11.4	-04	56	54	8	7	–	8	4	25	3	14	1	cprc	63	3.5	1
Benbecula	260	13	81	o/pr	08.7	-05	58	55	8	7	–	8	2	12	–	–	2	cpropr c	62	4.1	1
Stornoway	250	18	81	jp	06.8	-05	~~58~~	53	8	6	–	7	6	45	2	20	2	cpropR.	65	2.9	1
Cape Wrath	230	19	82	pr	05.7	-07	55	53	8	–	–	8	8	20	–	–	2	pr	58	•	S
Sule Skerry	270	13	81	c	05.7	-02	59	54	5	3	–	7	4	15	–	–	1	bc	61	•	1
Loch Rannoch																					
Dyce	270	05	82	c	08.4	-04	63	52	8	–	–	7	5	40	4	28	1	cprcyc	65	4.9	0.6
Lossiemouth	260	15	81	c	07.6	-07	62	49	8	–	–	7	6	32	3	24	0	cprc	67	8.6	Tr
Wick	260	12	83	jp	06.5	-03	60	50	2	–	–	7	7	25	–	–	0	cproc	66	2.7	1
Lerwick	260	10	82	c	03.8	+02	56	54	8	3	–	7	6	20	–	–	1	cprocbc	61	7.8	0.1
Blacksod Point	270	16	58	pro	17.7	-03	60	55	9	3	–	7	3	85	4	21	1	prd	66	2.8	1
Malin Head	290	18	82	c	14.2	-05	59	54	8	–	–	7	7	21	–	–	0	prc	62	*	0.4
Aldergrove	230	14	82	o	16.0	00	60	53	8	4	7	8	2	23	–	–	0	cprbccproc	68	3.5	0.3
Castle Archdale	270	13	82	o	16.7	-07	59	52	8	3	7	8	3	20	–	–	1	ccproc	62	2.8	1
Birr Castle	270	09	81	o	18.5	-08	61	52	4	2	–	8	6	35	–	–	0	cpr	66	1.6	0.5
Collinstown *	270	18	83	c	17.2	-09	63	50	8	3	–	7	3	60	1	25	0	cpr	67	3.9	Tr
Rineanna *	270	14	81	c	20.0	-13	61	53	3	3	–	7	1	17	–	–	1	pr	64	2.1	0.1
Valentia *	260	14	81	c	21.6	-10	60	52	8	–	–	7	7	19	–	–	0	pr	64	0.1	0.2
Midleton *	300	07	81	c	20.9	-06	62	53	5	–	1	7	7	36	–	–	0	c	70	4.1	–

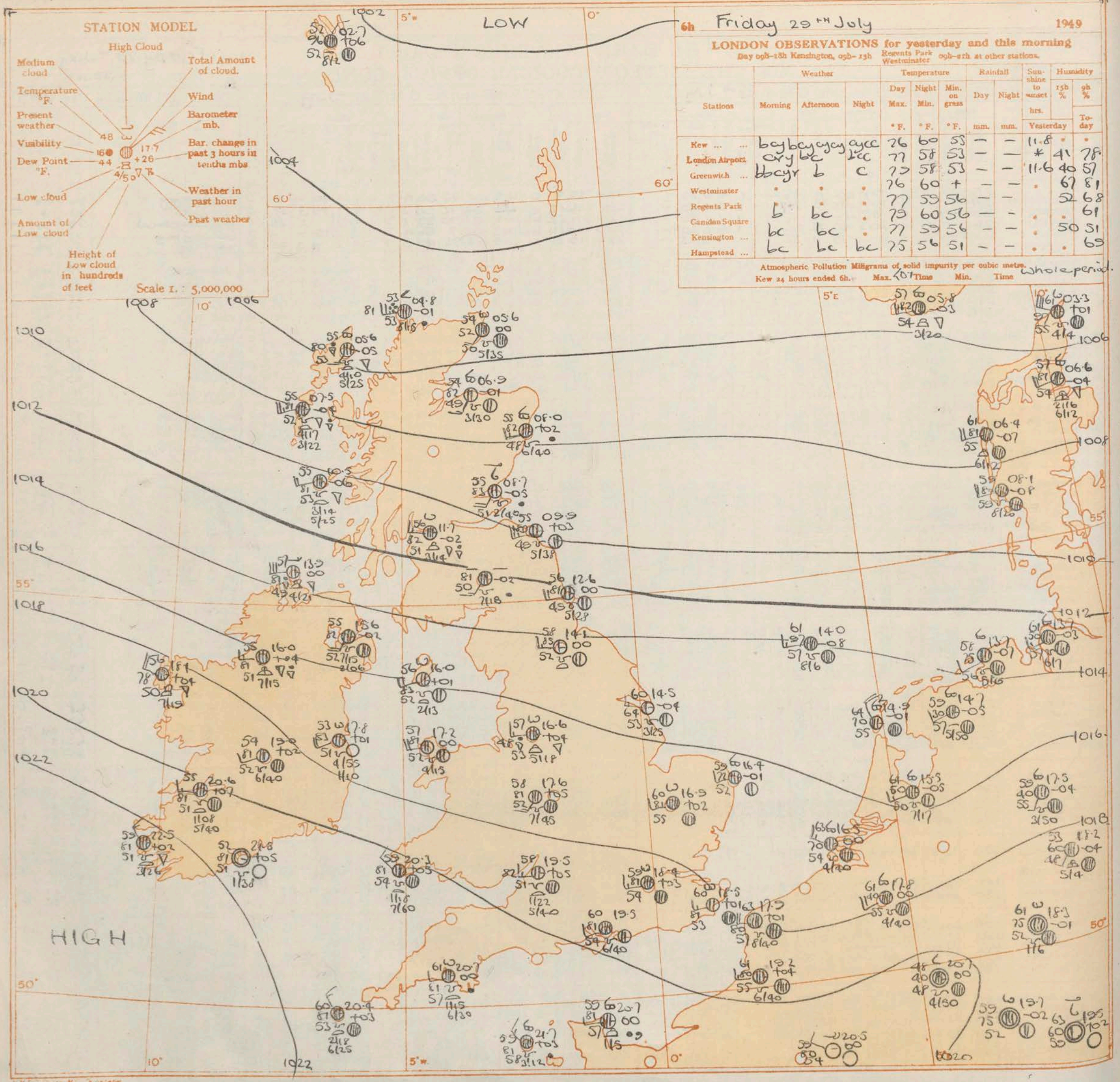
* Rainfall read at 1800.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).
Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

†† Cloud heights are in hundreds of feet

* Information not usually received.

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



Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % Yesterday	Humidity 9h % To-day
Kew	bcy	bcy	cycy	ycc	76	60	55	—	—	11.8	•	•
London Airport	cry	bc		bcc	77	58	53	—	—	*	41	78
Greenwich ...	bbcyr	b		c	79	58	53	—	—	11.6	40	57
Westminster	•	•		•	76	60	+	—	—	•	67	81
Regents Park	•	•		•	77	59	56	—	—		52	68
Camden Square	b	bc		•	79	60	56	—	—	•	•	61
Kensington ...	bc	bc		•	77	59	56	—	—	•	50	51
Hampstead ...	bc	bc		bc	75	56	51	—	—	•	•	69

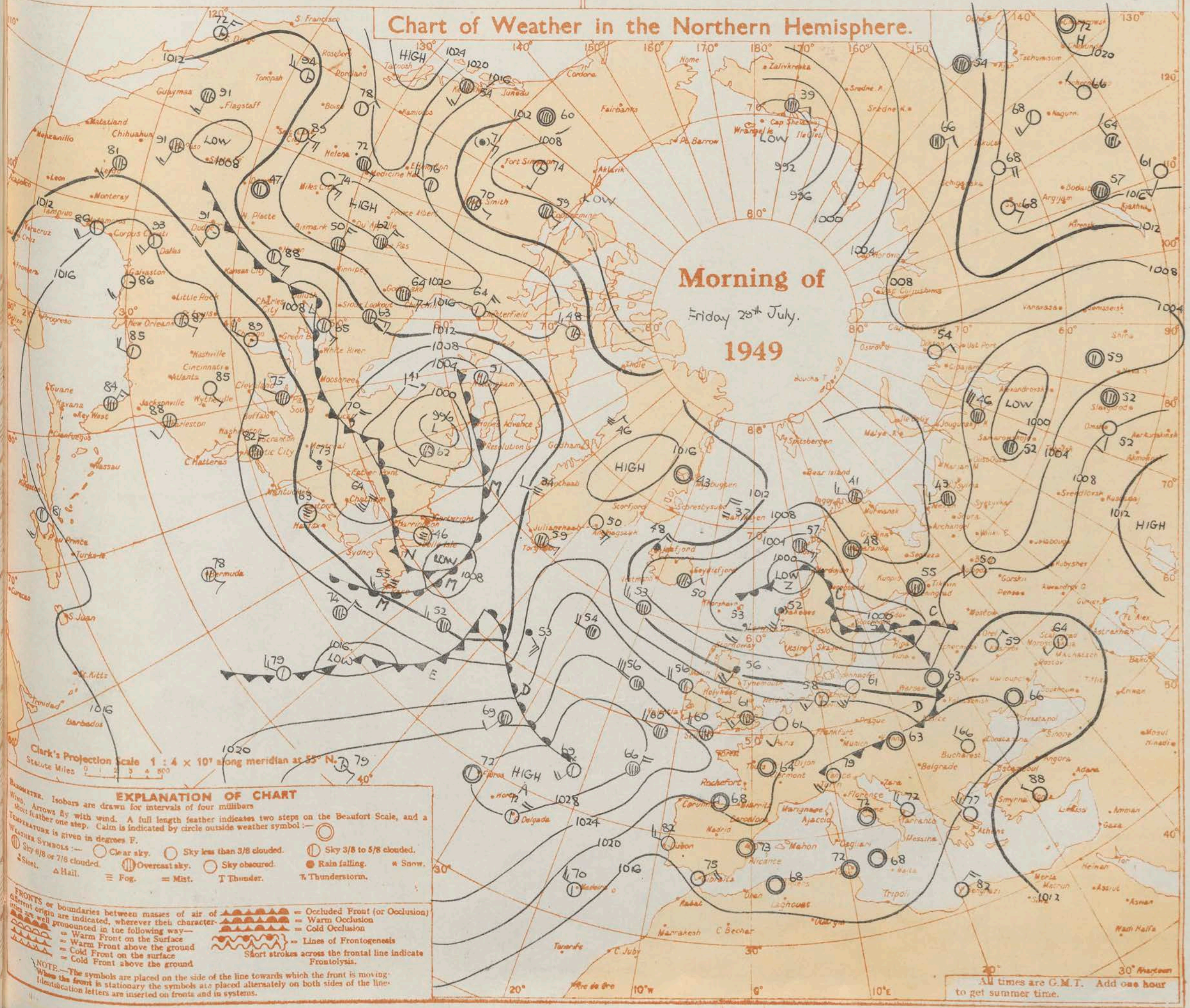
GENERAL INFERENCE

A ridge of high pressure is approaching the British Isles from the west, followed by a deepening depression which is expected to pass north of Scotland. There will be showers and bright intervals in northern districts and at a few places near western coasts of England and Wales. Fair weather with bright periods will continue in the Southern half of England.

FURTHER OUTLOOK

Unsettled. Periods of rain in the north and northwest. Rainfall may extend to southern districts but amounts are uncertain.

Chart of Weather in the Northern Hemisphere.



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 3/8 clouded. Sky 3/8 to 5/8 clouded. Sky 6/8 or 7/8 clouded. Overcast sky. Sky obscured. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= 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. Where the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 29th July, 1949
No. 32026

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

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	London Airport	82	270	10	80	c	18·9	-06	61	55*								
1	Lympne	341	270	11	81	b	18·7	-02	60	50	-	7	-	7	7	83	-	-
	Tangmere	53	300	06	64	c	19·5	-03	65	52	-	3	-	6	4	-	-	-
	Calshot	8	270	10	81	c	20·0	-03	64	53	-	7	-	6	6	-	-	-
	Boscombe Down	414	260	09	81	c	19·8	-06	59	54	5	7	-	6	6	-	2	35
2	Felixtowe	10	280	08	81	b	17·3	-02	67	51	5	-	2	2	1	57	-	-
	Gorleston	5	230	05	80	c	16·9	-02	64	51	-	3	-	6	6	80	-	-
	West Raynham	250	240	06	80	c	17·1	-01	57	51	5	7	-	6	3	-	3	30
	Mildenhall	15	250	01	81	c	17·1	-01	56	51	5	-	2	7	7	86	3	60
3	Cranfield	340	250	08	80	bc	17·8	-05	59	53	-	3	2	4	2	83	-	-
	Elmdon	328	230	10	80	c	18·0	-06	60	51	5	-	-	7	7	47	-	-
	Wittering	236	270	10	81	c	17·3	-06	58	50	-	7	-	7	7	85	-	-
	Watnall	366	270	05	81	c	17·0	-09	58	52	5	-	-	7	7	55	-	-
4	Little Rissington	740	270	10	82	bc	19·0	-01	57	52	5	3	-	5	4	84	3	30
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury	235	250	05	81	0	17·6	-03 -08	60	53	5	-	-	8	8	72	-	-
5	Bristol	209	270	12	81	c	19·6	-04	60	55	6	7	-	7	7	84	2	20
	Exeter	100	270	06	64	c	20·6	-09	62	55	5	-	-	7	7	42	3	25
	Portland Bill	32	290	05	81	0	21·1	-07	63	56	5	-	-	8	8	20	-	-
	Plymouth	90	250	05	64	ir	21·4	-05	61	58	5	-	-	6	6	18	-	-
	Chivenor	20	270	14	81	ido	21·1	-06	62	57	5	-	-	8	8	18	-	-
	St. Eval	336	250	15	80	0	21·8	-03 -02	60	57	5	-	-	8	8	40	-	-
	Lizard	240	-	0	48	c	22·0	-02	60	60	6	-	-	6	6	15	-	-
	Scilly, St. Mary's	163	300	10	82	0	22·6	-02	60	58	5	-	-	8	8	10	-	-
	Guernsey	340	260	08	81	c	24·4	-08	61	59	5	7	-	6	3	40	1	35
	Aberporth	375	260	05	82	c	19·2	-02	58	54	5	-	-	7	7	26	-	-
6	Pembroke	142	330	20	82	0	20·0	+00	60	56	5	-	-	8	8	10	-	-
7	Holyhead (Valley)	32	270	17	80	b	17·3	+03	59	54	5	-	-	1	1	45	-	-
8	Manchester	230	230	12	48	pro	15·1	-03	59	54	2	3	-	7	7	83	4	36
	Squires Gate	33	280	23	81	bc	16·4	-05	61	54	8	-	-	3	3	55	1	22
	Silloth	25	260	16	81	bc	13·9	-06	59	52	8	-	-	4	3	30	2	20
9	Finningley	52	250	08	56	c	16·0	-06	60	53	5	7	-	6	3	50	-	-
10	Spurn Head	29	270	08	48	c	16·1	-04	62	55	5	-	-	7	7	25	-	-
	Leeming	105	250	07	81	c	14·7	-04	59	52	5	7	-	7	7	-	3	31
	Tynemouth	108	270	12	81	0	13·3	-07	59	51	5	-	-	8	8	24 25	-	-
11	St. Abb's Head	280	270	19	80	bc	10·7	-09	57	49	5	-	-	4	4	35	-	-
	Leuchars	36	240	13	80	pro	09·8	-04	56	53	-	2	-	8	8	-	-	-
12	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick	30	250	15	64	pro	13·6	-01	57	54	8	7	-	8	5	35	3	15
	West Freugh	52	270	12	82	c	14·8	-01	54	46	5	4	-	1	1	20	-	-
	Ronaldsway	55	260	17	82	bc	15·9	-02	57	53	8	-	-	3	1	25	-	-
13A	Tiree	29	270	15	80	c/pr	11·4	+02	56	54	8	-	-	7	7	25	3	16
13B	Benbecula	16	270	20	81	0	08·8	-01	57	51	8	7	-	8	5	57	3	18
	Stornoway	10	250	14	80	c	06·9	-01	54	51	8	-	-	7	7	30	3	15
	Cape Wrath	367	230	19	82	pro	04·6	+01	54	52	8	-	-	8	8	15	-	-
	Sule Skerry	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	680																
15	Dyce	234	240	05	80	ir	08·3	-03	56	50	5	7	-	8	6	30	-	-
	Lossiemouth	21	250	14	82	0	07·5	-02	57	51	8	-	-	8	8	35	5	18
	Wick	119	250	08	82	ir	06·0	+00	55	51	5	-	-	7	7	44	-	-
16	Lerwick	269	240	10	81	do	03·5	-03	53	53	4	-	-	8	8	25	-	-
17	Blacksod Point	18	280	13	81	bc	18·0	+01	56	53	9	-	-	4	4	25	-	-
18	Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	220	250	12	80	c	15·8	-01	55	52	8	-	-	6	5	46	4	13
	Castle Archdale	225	290	10	81	bc	16·3	-01	55	53	3	-	-	3	3	18	-	-
19	Burt Castle *	187	270	05	81	bc	18·9	+02	55	53	3	-	-	4	4	25	-	-
	Colmstown *	226	260	11	82	c	17·8	+03	55	51	5	-	-	7	7	35	-	-
	Rineanna *	10	290	13	81	bc	20·3	+01	56	52	8	-	-	5	4	33	1	16
20	Valentia *	30	280	06	81	0	22·0	+01	58	54	8	-	-	8	7	18	-	-
	Midleton *	30	230	05	81	bc	21·1	+02	56	51	5	-	-	5	5	38	-	-

* Rainfall read at 0600.

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

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt 0-8 (31)	Cloud Lowest layer Ht. (32)	9 h. State of ground (33)
Kew	250	07	81	c	18·5	-02	61	54	5	-	-	7	7	25	-	-	0
London Airport	270	08	81	c	18·4	+03	59	54	-	3	-	7	7	81	-	-	0
Lympne	270	08	81	bc	18·5	+01	60	53	-	3	-	7	4	-	-	-	0
Tangmere	310	03	81	bc	19·2	+01	59	54	8	7	-	4	1	18	-	-	0
Calshot	250	08	81	bc	19·5	-01	61	54	5	7	-	3	1	-	2	35	0
Boscombe Down	250	03	81	c	19·5	+01	58	56	5	-	-	7	7	40	2	12	0
Felixtowe	270	12	81	c	17·0	-02	61	54	5	3	-	7	6	56	-	-	0
Gorleston	250	05	72	c	16·4	-01	59	52	-	7	-	7	7	81	-	-	0
West Raynham	270	08	80	c	16·1	-05	58	52	5	-	-	7	7	55	-	-	0
Mildenhall	270	05	81	c	16·9	+02	60	55	-	3	-	7	8	70	-	-	0
Cranfield	250	08	64	c	17·7	+03	58	53	5	-	-	7	7	50	-	-	0
Elmdon	240	08	81	c	17·6	+05	58	52	5	-	-	7	7	45	-	-	0
Wittering	270	09	81	c	17·1	+05	58	53	5	-	-	7	7	60	-	-	0
Watnall	270	12	80	bc	16·6	+01	57	51	5	-	-	5	5	30	-	-	0
Little Rissington	290	09	81	0	18·4	+03	57	50	-	3	-	8 6	6	80	-	-	0
Ross-on-Wye	280	06	82	c	19·7	+00	58	51	5	-	-	7	7	25	-	-	0
Shawbury	270	05	82	c	19·5 17·7	+04	57	49	8	3	-	6	6	55	1	30	0
Bristol	270	08	82	bc	19·5	+05	58	51	8	-	-	5	1	22	-	-	0
Exeter	—	0	81	c	20·9	+02	59	54	5	-	-	6	6	30	-	-	0
Portland Bill	290	09	81	bc	20·2	+03	63	56	5	3	-	5	3	80	3	30	0
Plymouth	270	04	81	c	20·7	+00	61	57	8	3	-	7	6	30	1	15	0
Chivenor	310	12	81	c	20·4	+03	60	55	8	-	-	7	6	25	2	18	0
St. Eval	320	12	82	c	21·6	+06	60	53	8	-	-	7	7	40	1	15	0
Lizard	—	0	80	c	21·6	+03	60	56	5	-	-	7	7	18	-	*	0
Scilly, St. Mary's	310	10	83	c	22·1	+04	60	53	8	-	-	7	7	15	-	-	1
Guernsey	310	07	81	c	21·7	+03	59	58	5	7	-	7	3	12	1	02	1
Aberporth	280	09	81	c	19·3	+03	57	53	8	-	-	7	7	35	3	20	0
Pembroke	280	05	81	0	20·3	+02	58	52	8	-	-	8	8	50	1	22	0
Holyhead (Valley)	270	13	81	bc	17·2	+00	57	52	5	-	-	4	4	15	-	-	0
Manchester	270	09	48	pro	16·6	+04	57	53	2	3	-	7	5	18	-	-	1
Squires Gate	280	18	81	c	16·2	+03	58	52	2	3	-	6	5	22	-	—	0
Silloth	270	15	81	c	13·8	+01	57	53	8	-	-	7	6	30	5	07	1
Finningley	270	10	64	b	15·7	+03	58	51	5	-	-	2	2	35	-	-	0
Spurn Head	270	09	64	bc	14·5	-04	60	53	5	-	-	3	3	25	-	-	0
Leeming	280	07	85	bc	14·1	-00	58	52	8	-	-	3	3	35	1	20	2
Tynemouth	270	12	81	bc	12·6	+00	56	49	5	-	-	5	5	28	-	-	0
St. Abb's Head	270	19	80	bc	09·9	+03	55	49	5	-	-	5	5	38	-	-	0
Leuchars	280	13	83	bc	08·7	-05	55	51	5	4	2	4	2	-	2	40	0
Eskdalemuir	210	09	81	c	12·4 09·4	-02	53	50	8 8	-	-	7	7	18 16	-	-	1
Prestwick	260	18	64	c	12·8	-03	56	50	8	7	-	7	6	35	3	12	1
West Freugh	270	12	81	c	14·4	-02	55	53	5	3	9	6	1	30	2	15	0
Ronaldsway	260	15	83	bc	16·0	+01	56	52	8	3	-	5	2	13	-	-	0
Tiree	260	15	81	c	10·5	-06	55	53	8	7	-	7	5	25	3	14	1
Benbecula	260	17	81	c/pr	07·5	-04	55	53	8	-	-	7	3	22	4	17	2
Stornoway	230	08	80	pr	05·6	-05	55	53	8	7	-	7	5	25	4	10	1
Cape Wrath	270	19	81	vR	04·8	-01	53	53	-	2	-	8	8	15	-	-	2
Sule Skerry	270	13	80	o/pr	04·3	-01	55	53	6	-	-	8	8	10	-	-	1
Loch Rannoch																	
Dyce	260	09	82	c	08·0	+02	55	48	5	7	9	7	6	40	-	-	1
Lossiemouth	190	10	82	bc	06·9	-01	54	49	5	7	-	5	3	30	-	-	0
Wick	240	06	82	c	05·4	+00	54	50	5	3	-	7	5	35	-	-	0
Lerwick	280	12	82	pro	03·0	+02	53	53	5	-	-	8	8	25	4	03	1
Blacksod Point	280	16	78	c	18·1	+04	56	50	9	-	-	7	7	18	-	-	1
Malin Head	270	21	81	pr	13·9	+00	57	49	9	-	2	5	4	21	-	-	1
Aldergrove	240	15	82	c	15·6	-02	55	52	5	-	-	7	7	15	2	06	0
Castle Archdale	280	10	81	c/pr	16·0	+03	55	51	3	-	-	7	7	15	-	-	1
Burt Castle	250	05	81	c	19·0	+02	54	52	5	-	-	6	6	40	-	-	0
Colmstown	250	13	83	bc	17·8	+01	53	51	-	-	-	5	4	55	1	10	0
Rineanna	290	10	81	c	20·6	+07	55	51	8	-	-	7	5	40	1	08	1
Valentia	300	10	81	c	22·5	+07	59	51	8	-	-	7	3	26	-	-	0
Midleton	—	0	81	b	21·5	+05	52	51	5	-	-	1	1	38	-	-	0

OBSERVATIONS Thursday NIGHT

Stations	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew	cy cc	60	55	-
London Airport	bc c	58	53	-
Lympne	bcwbbcc	58	52	-
Tangmere	bcy c bc cy	57	53	-
Calshot	cbcc	60	*	-
Boscombe Down	cbcc	56	54	-
Felixtowe	cybycy	61	58	-
Gorleston	bccbccy	58	54	-
West Raynham	cbc	54	51	-
Mildenhall	c	57	52	-
Cranfield	bcy bccbc	55	52	-
Elmdon	c	56	53	-
Wittering	bc c bc c	55	52	-
Watnall	cy cbcc	56	53	-
Little Rissington	cbcc	54	49	-
Ross-on-Wye	cbcc bcy	57	*	-
Shawbury	c bc c	55	48	TR
Bristol	cbc	58	52	-
Exeter	cbce	57	48	-
Portland Bill	oocc	61	*	*
Plymouth	cirocproc	59	54	TR
Chivenor	ccidoccproc	59	56	TR
St. Eval	ccpro	59	57	0·2
Lizard	oc	58	*	-
Scilly, St. Mary's	bcpiropc	59	*	0·1
Guernsey	ccirocbc	59	58	0·2
Aberporth	b	56	52	-
Pembroke	bccbc	57	*	-
Holyhead (Valley)	cbbc	55	53	-
Manchester	cpro	56	54	1
Squires Gate	cbcc	57	57	-
Silloth	c	57	54	-
Finningley	cz ccz bc	57	53	-
Spurn Head	cobc	59	*	-
Leeming	cbcbbc	53	45	-
Tynemouth	cbc	56	52	-
St. Abb's Head	bccbcc	50	*	-
Leuchars	ccirocproc bcc	63	49	-
Eskdalemuir	cirproc	52	50	0·5
Prestwick	cpro pr ccpro	54	53	1*
West Freugh	cbc	52	46	-
Ronaldsway	cbcc	54	50	-
Tiree	cpro	53	50	4
Benbecula	cproc	55	53	2
Stornoway	cpropr	53	51	4
Cape Wrath	pr	51	50	14
Sule Skerry		54	52	4
Loch Rannoch				
Dyce	iroc	52	48	0·1
Lossiemouth	cc	49	41	-
Wick	ciroc	52	49	TR
Lerwick	crrdodoproc	52	50	0·5
Blacksod Point	b pr	53	50	0·2
Malin Head	pr	53	*	6
Aldergrove	cpproc	54	51	TR
Castle Archdale	ccproc	53	53	2
Burt Castle	prc	52	48	0·2
Colmstown	b b	51	49	-
Rineanna	prc	54	50	0·1
Valentia	pr	56	54	0·5
Midleton	b	51	46	-

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* Information not usually received.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 30th July 1949

No. 32027

OBSERVATIONS at 12h. G.M.T. 29th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt 0-8 (15)	Lowest layer Ht. (16)
0	Kew	290	12	81	bc	18·9	00	68	46	2	–	–	5	5	38	–	–
	London Airport	280	10	82	c	19·0	+01	69	48	8	–	–	6	3	75	4	28
1	Lympne	280	11	82	c	18·5	−02	73	47	8	–	–	6	5	50	3	25
	Tangmere	310	09	81	bc	19·4	+02	71	47	8	–	–	3	2	50	2	25
	Calshot	270	12	81	c	20·3	+03	68	49	8	–	–	6	5	40	4	20
2	Boscombe Down	280	11	82	c	19·7	−01	66	50	8	–	–	7	7	50	3	25
	Felixtowe	270	16	82	bc	17·2	+02	71	50	8	–	1	5	4	28	–	–
	Gorleston	310	12	80	c	16·1	00	69	47	2	–	1	6	5	30	–	–
	West Raynham	270	18	82	bc	16·3	+03	67	46	2	–	1	4	4	25	–	–
	Mildenhall	310	10	82	bc	17·0	+02	71	49	5	–	–	5	5	25	–	–
3	Cranfield	250	15	82	c	17·6	+01	68	50	2	–	–	6	6	30	–	–
	Elmdon	270	15	81	bc	18·0	00	65	49	8	–	–	5	3	25	–	–
	Wittering	280	16	81	bc	17·4	00	67	49	2	6	3	5	4	25	–	–
	Watnall	270	15	81	c	17·2	+03	64	51	8	–	3	6	3	35	3	25
4	Little Rissington	290	13	82	c	18·8	−01	65	44	8	–	–	7	6	60	3	35
	Ross-on-Wye	280	13	82	c	19·5	00	67	48	2	–	–	6	6	30	–	–
	Shawbury	270	20	82	c	18·1	−02	67	46	8	3	–	6	4	50	3	25
5	Bristol	270	16	82	bc	20·0	+04	67	50	8	–	–	5	3	40	4	20
	Exeter	300	16	82	bc	21·7	+04	65	48	8	–	–	5	4	40	3	25
	Portland Bill																
	Plymouth	310	08	82	c	22·2	+02	66	53	8	–	–	7	7	25	–	–
	Chivenor	290	18	82	c	22·4	+07	66	53	8	–	–	7	6	40	4	20
	St. Eval	330	08	82	bc	23·3	+06	64	53	8	–	–	4	2	50	2	22
	Lizard	320	08	81	bc	23·7	+11	67	53	8	–	–	5	5	20	–	–
	Scilly, St. Mary's	310	12	83	c	23·9	+05	68	54	8	–	–	6	6	24	–	–
	Guernsey	300	14	82	bc	22·8	+05	67	53	8	4	2	3	1	30	1	15
	Aberporth	260	16	81	c	20·4	+05	61	51	8	–	–	7	7	50	2	13
6	Pembroke	270	11	81	bc	21·6	+05	62	53	2	7	–	4	3	50	1	20
7	Holyhead (Valley)	250	17	82	bc	18·6	+06	65	52	2	4	2	4	4	16	–	–
8	Manchester	280	18	81	c	17·7	+03	63	51	2	6	2	6	4	20	–	–
	Squires Gate	280	20	82	c	17·5	+07	62	51	2	6	–	6	5	18	–	–
	Silloth	260	10	81	c/pr	14·4	+03	60	54	8	6	–	7	6	30	2	25
9	Pianingley	270	20	80	bc	15·7	+01	66	50	8	3	–	5	4	25	–	–
10	Spurn Head	290	22	64	c	15·6	+03	63	49	2	–	–	7	7	30	–	–
	Leeming	270	18	83	c	14·6	+04	64	48	8	–	–	7	7	25	–	–
	Tynemouth	270	20	80	bc	12·7	+01	65	43	3	–	–	5	5	28	–	–
11	St. Abb's Head	270	19	81	c	10·4	00	60	46	5	–	–	7	7	35	–	–
	Leuchars	230	20	83	c	09·4	+02	52	50	2	7	1	7	7	–	4	20
12	Eskdalemuir	230	21	82	c	12·9	+06	57	48	8	–	–	8	8	18	–	–
	Prestwick	250	17	84	c/pr	13·7	+04	58	54	8	–	–	8	8	25	1	10
	West Freugh	290	20	40	pr	15·6	+05	58	53	3	3	–	8	6	12	–	–
	Rosaldsway	270	22	83	c/pr	16·9	+03	61	51	8	3	–	7	5	50	2	18
13A	Tiree	290	23	81	c/pr	12·0	+12	59	55	9	6	–	6	3	14	2	08
13B	Benbecula	300	21	81	jp	10·0	+16	61	56	3	3	–	7	6	12	1	17
	Stornoway	290	17	82	bc	07·5	+15	62	53	2	6	3	5	3	35	1	26
	Cape Wrath	270	19	82	pr	05·8	+13	56	52	8	–	–	7	7	20	–	–
	Sule Skerry	270	13	81	bc	05·2	+09	58	50	–	7	–	4	4	70	–	–
14	Loch Rannoch																
15	Dyce	220	06	81	c/r	08·1	+03	58	51	5	2	–	7	4	80	3	30
	Lossiemouth	270	18	81	jp	07·2	+05	62	51	8	7	–	7	6	30	4	21
	Wick	300	14	20	pr	05·6	+04	57	53	9	–	–	8	8	20	4	10
16	Lerwick	250	11	82	c	03·9	+11	60	53	2	7	–	7	3	12	–	–
17	Blacksod Point	300	21	80	c/pr	20·5	+12	60	54	8	–	–	7	7	21	–	–
18	Malin Head	270	21	80	pr	15·6	+13	58	53	8	–	–	7	7	21	–	–
	Aldergrove	280	18	82	c	16·8	+09	61	52	2	3	–	7	5	20	1	12
	Castle Archdale	290	20	81	bc/pr	17·8	+13	60	53	9	6	–	5	4	18	–	–
19	Birr Castle	270	05	81	bc/pr	20·5	+09	62	53	4	–	–	5	5	35	–	–
	Collinstown	290	23	83	pr	18·6	+06	64	48	3	–	–	7	7	26	–	–
	Rineanna	280	15	81	c/pr	22·4	+09	62	52	8	6	–	7	4	18	–	–
20	Valentia	290	14	81	c	24·4	+08	61	50	2	–	–	6	4	32	2	24
	Midleton	300	11	81	c/pr	23·1	+08	61	51	8	–	–	7	6	35	1	25

* Rainfall read at 1800.

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

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt 0-8 (31)	Lowest layer Ht. (32)	21h State of ground (33)	Weather 09 to 21 h. (34)	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	270	11	81	bc	18·5	+02	70	45	1	–	–	5	3	28	–	–	0	cbcybcby	72	9·3	–
London Airport	280	14	82	bc	18·7	+02	69	48	2	6	–	4	1	80	3	30	0	cbcbvy	74		–
Lympne	270	08	82	bc	17·6	−01	70	46	8	–	–	4	2	45	3	30	0	cey bcy	71	10·5	–
Tangmere	310	15	81	b	19·1	−02	70	45	1	–	–	2	2	30	–	–	0	bcyby	74	11·3	–
Calshot	280	18	81	b	18·7	−01	69	46	4	–	–	1	1	25	–	–	0	cy bcy byb	73	11·0	–
Boscombe Down	280	12	82	c	19·9	+05	65	52	8	–	–	6	6	50	2	30	0	ccy bcy bc	71	8·0	–
Felixtowe	300	15	82	c	16·9	+01	71	50	8	–	–	7	4	25	–	–	0	cy bcy cy cpr bcy	75	6·6	TR
Gorleston	310	08	80	c/pr	16·2	+01	67	48	2	7	–	7	6	81	2	36	0	cpr cy	71	5·0	TR
West Raynham	270	18	82	bc	16·3	+02	66	44	8	–	–	5	5	35	1	25	0	bcy bcyb	70	10·1	–
Mildenhall	310	12	82	bc	17·4	+05	67	48	5	–	–	3	3	30	–	–	0	cy bcy byb	73	8·5	–
Cranfield	280	15	82	bc	17·9	+07	65	45	2	7	–	3	3	80	1	35	0	cy bcy bc	72	11·6	–
Elmdon	270	15	81	c	18·9	+10	63	47	8	–	–	7	7	35	1	25	0	ccpr cyc	69		TR
Wittering	310	22	81	bc	17·6	+02	65	46	8	6	–	3	1	25	–	–	0	c cy bcy cy b	70	10·8	–
Watnall	270	13	81	bc	17·9	+08	63	49	8	6	–	4	2	25	3	20	0	cbcybc	67	12·3	–
Little Rissington	290	13	83	bc	19·8	+12	63	45	2	–	–	3	3	35	–	–	0	cbccyv	68	8·4	–
Ross-on-Wye	180	12	82	c	20·2	+03	65	46	6	–	–	6	6	30	–	–	0	bcvycvy	69	7·8	–
Shawbury	280	18	82	c	19·2	+00	64	47	8	–	–	6	6	40	4	25	0	cypr bc	68	7·6	TR
Bristol	270	18	82	bc	20·6	+05	63	52	8	–	–	5	4	40	1	25	0	cbcybc	73 71	9·2	–
Exeter	320	18	82	bc	21·9	+00	66	49	4	3	4	5	2	70	3	30	0	cybcyb	71	9·2	–
Portland Bill	290	09	81	bc	21·6	+00	65	52	1	–	–	3	3	30	–	–	0	cbc bc bc	68	•	–
Plymouth	310	12	82	bc	22·5	−00	65	50	8	–	–	5	4	30	1	30	0	ccpr cb cbcybc	69	7·9	–
Chivenor	290	19	82	bc	21·8	+08	64	53	2	–	–	5	5	22	–	–	0	cbc	68	10·2	–
St. Eval	300	12	83	bc	23·8	+02	63	52	1	–	1	5	5	25	–	–	0	bpr bcc	65	8·2	0·5
Lizard	350	12	82	bc	23·7	+01	64	51	2	–	9	3	2	25	–	–	0	cbc y bc	67		–
Scilly, St. Mary's	310	10	83	bc	24·1	+01	67	50	1	–	–	3	3	29	–	–	0	cbc	72	9·9	–
Guernsey	310	14	83	b	22·9	+01	65	52	8	–	6	2	1	30	1	20	0	bcbbc	69	12·5	–
Aberporth	260	10	84	c	20·9	+01	61	54	5	–	–	7	7	45	–	–	0	cbcbcbc	65	7·4	–
Pembroke	270	11	81	c	21·9	+02	61	54	1	7	–	6	6	65	1	25	0	bc bcq	64	7·2	–
Holyhead (Valley)	270	20	82	c	19·0	−01	62	53	5	5	–	7	7	–	1	30	0	bcc	66	6·8	–
Manchester	280	19	82	c	18·1	−02	62	49	8	–	–	7	7	40	3	25	0	cpry	65	5·5	1
Squires Gate	270	24	82	bc	17·4	+00	63	53	8	3	–	3	1	25	–	–	0	cbcc	64	5·5	–
Silloth	290	12	81	c	14·9	+03	62	52	2	6	–	6	6	25	1	20	0	ccpr cbc	64		1
Pianingley	290	22	81	bc	16·9	+07	64	48	1	6	–	4	4	–	2	30	0	bcy cypr bc	68	11·1	TR
Spurn Head	290	25	48	c	15·7	+01	64	51	2	–	–	6	6	25	–	–	0	ccbc	69	9·1	–
Leeming	270	15	81	c	15·0	+02	62	51	5	–	–	7	7	40	4	20	0	bbccy cbc	66	9·5	–
Tynemouth	270	21	80	c/q	12·6	+05	64	48	2	–	–	6	6	28	–	–	0	bccq bc	66		–
St. Abb's Head	270	19	80	bc	10·2	+10	62	53	5	–	–	4	4	35	–	–	0	ccrobc	64	•	TR
Leuchars	280	17	84	bc	10·4	+14	65	50	8	6	2	5	1	–	4	25	0	ccpr bcy cbc	68	9·7	–
Eskdalemuir	280	11	82	c/pr	14·1	+20 +10	56	54	3	–	–	7	3	25	6	22	1	cbccprpRc	61	6·0	4
Prestwick	280	15	48	pr	15·4	+10	58	56	9	–	–	7	7	25	3	12	1	cpr cpr cpR cpr c	61	2·2	8
West Freugh	310	24	81	c	17·2	+11	60	51	2	6	–	7	6	25	–	–	0	ccpr bcc	62	•	TR
Rosaldsway	260	10	83	c/pr	17·9	+08	60	55	8	7	–	7	5	20	1	15	0	bccpr jppr c	65	6·9	TR
Tiree	300	19	81	bc	15·0	+15	59	54	8	–	–	4	4	25	3	12	1	cpr c	61	7·3	2
Benbecula	300	24	81	c	13·4	+19	59	53	8	3	1	7	6	35	3	18	1	bcpr c	62	6·3	0·1
Stornoway	290	18	82	jp	11·2	+18	59	53	8	–	–	5	5	30	4	18	1	ccpr cpr bc	63	7·4	1
Cape Wrath	270	19	82	pr	08·9	+13	56	52	8	–	–	7	7	20	–	–	1	pr	58	•	4
Sule Skerry	310	13	82	c	07·7	+13	59	55	8	–	–	6	6	20	–	–	0	c	60	•	TR
Loch Rannoch																					
Dyce	320	06	56	c/pr	09·5	+16	57	53	9	–	–	7	6	25	2	10	1	cycpR cpr bcjp	62	2·9	10
Lossiemouth	280	20	80	pr	09·4	+15	57	53	8	–	–	6	3	18	–	–	1	cpr	65	3·5	1
Wick	300	17	82	c	08·1	+18	59	52	2	6	–	6	5	20	–	–	0	cpr bccpr	64	5·1	2
Lerwick	310	11	82	c	05·9	+15	55	51	8	3	–	8	7	18	–	–	1	cbccpr c	62	6·1	TR
Blacksod Point	300	18	80	c	22·0	+01	58	49	9	–	–	7	7	22	–	–	0	prb	62	4·4	0·5
Malin Head	270	16	81	bc	17·8	+10	58	52	8	–	2	5	4	26	–	–	0	prb	61		1
Aldergrove	290	14	82	c/pr	18·5	+13	58	54	8	–	–	7	7	27	2	17	1	ccpr cpr c	66	3·2	1
Castle Archdale	290	25	81	c/pr	19·8	+07	58	50	2	6	–	7	5	18	–	–	1	cpr	61	0·8	1
Birr Castle	290	09	81	bc	21·4	+04	64	61	4	–	–	5	5	35	–	–	0	prb	65	7·0	0·1
Collinstown	290	15	83	c	19·9	+06	60	50	8	–	–	7	6	60	1	26	0	c pr	65	8·0	0·3
Rineanna	300	11	83	c	23·3	+03	60	46	4	–	1	7	7	26	–	–	0	prb	66	7·4	TR
Valentia	310	10	81	c	24·7	−02	61	50	2	6	2	6	4	24	–	–	0	c	64	3·6	TR
Midleton	310	13	81	bc	23·1	+02	64	49	1	–	1	3	3	27	–	–	0	prb	68	7·7	TR

OBSERVATIONS during DAY (29th)

Stations	Max. Temp. 09h.-21h. °F (35)	Sunshine (36)	Rain 09h.-21h. mm. (37)
Kew	72	9·3	–
London Airport	74		–
Lympne	71	10·5	–
Tangmere	74	11·3	–
Calshot	73	11·0	–
Boscombe Down	71	8·0	–
Felixtowe	75	6·6	TR
Gorleston	71	5·0	TR
West Raynham	70	10·1	–
Mildenhall	73	8·5	–
Cranfield	72	11·6	–
Elmdon	69		TR
Wittering	70	10·8	–
Watnall	67	12·3	–
Little Rissington	68	8·4	–
Ross-on-Wye	69	7·8	–
Shawbury	68	7·6	TR
Bristol	73 71	9·2	–
Exeter	71	9·2	–
Portland Bill	68	•	–
Plymouth	69	7·9	–
Chivenor	68	10·2	–
St. Eval	65	8·2	0·5
Lizard	67		–
Scilly, St. Mary's	72	9·9	–
Guernsey	69	12·5	–
Aberporth	65	7·4	–
Pembroke	64	7·2	–
Holyhead (Valley)	66	6·8	–
Manchester	65	5·5	1
Squires Gate	64	5·5	–
Silloth	64		1
Pianingley	68	11·1	TR
Spurn Head	69	9·1	–
Leeming	66	9·5	–
Tynemouth	66		–
St. Abb's Head	64	•	TR
Leuchars	68	9·7	–
Eskdalemuir	61	6·0	4
Prestwick	61	2·2	8
West Freugh	62		TR
Rosaldsway	65	6·9	TR
Tiree	61	7·3	2
Benbecula	62	6·3	0·1
Stornoway	63	7·4	1
Cape Wrath	58	•	4
Sule Skerry	60	•	TR
Loch Rannoch			
Dyce	62	2·9	10
Lossiemouth	65	3·5	1
Wick	64	5·1	2
Lerwick	62	6·1	TR
Blacksod Point	62	4·4	0·5
Malin Head	61		1
Aldergrove	66	3·2	1
Castle Archdale	61	0·8	1
Birr Castle	65	7·0	0·1
Collinstown	65	8·0	0·3
Rineanna	66	7·4	TR
Valentia	64	3·6	TR
Midleton	68	7·7	TR

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered (" Oktas "). " Trace " is included in figure 1. " Overcast but with openings " is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

← ← Cloud heights are in hundreds of feet

• Information not usually received.

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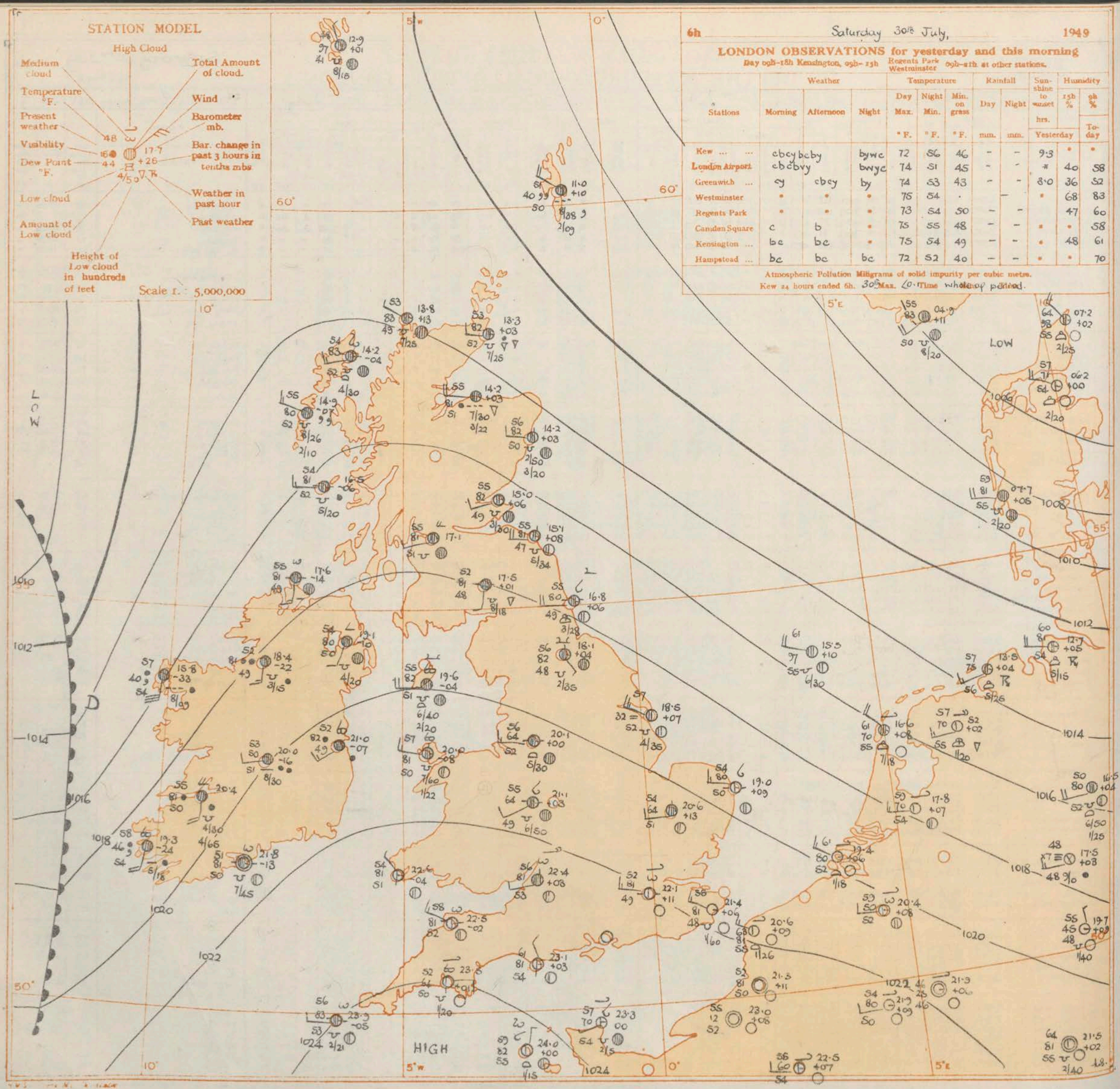
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

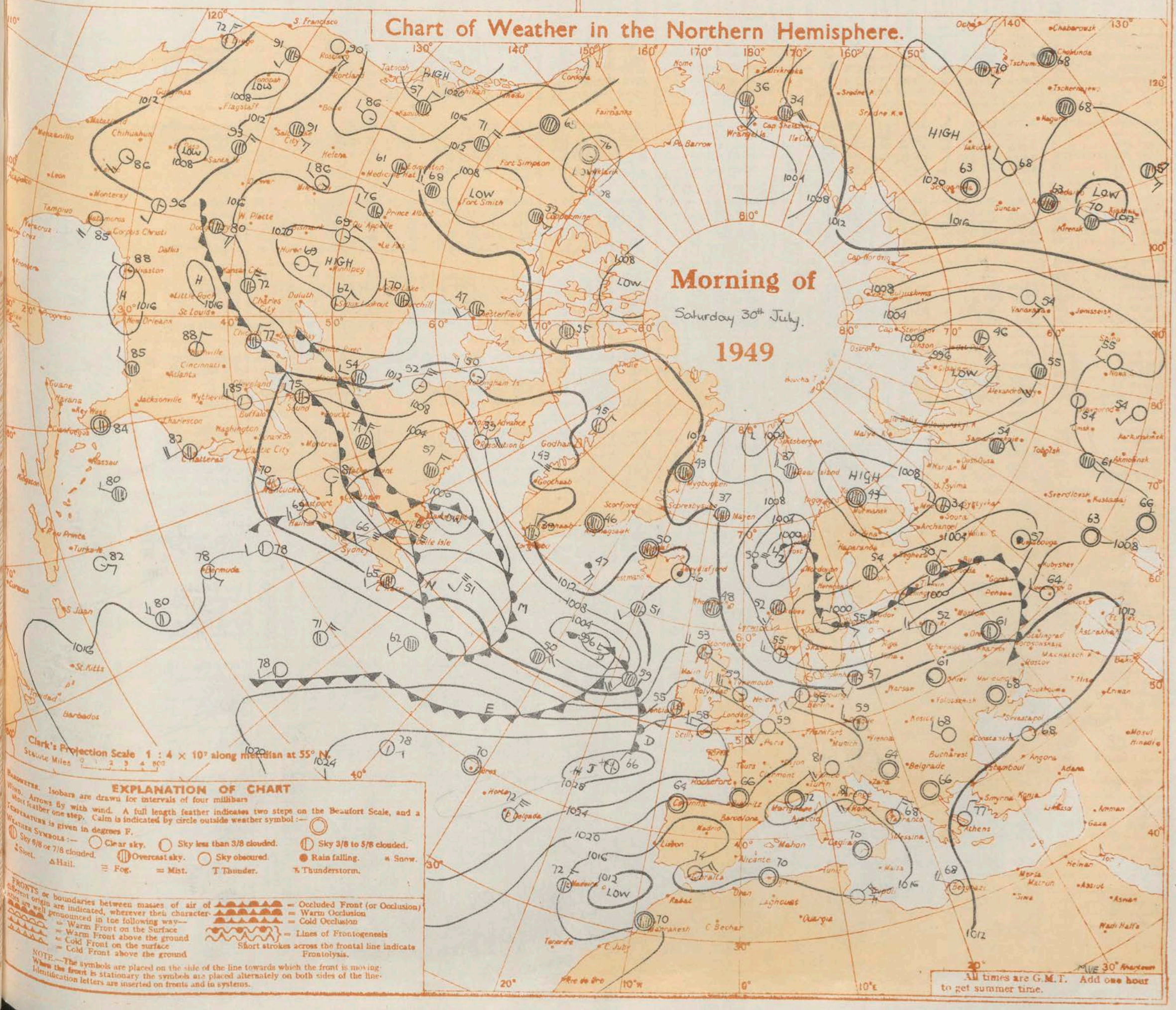

STATION MODEL
High Cloud
Medium cloud
Temperature °F.
Present weather
Visibility
Dew Point °F.
Low cloud
Amount of Low cloud
Height of Low cloud in hundreds of feet
Total Amount of cloud.
Wind
Barometer mb.
Bar. change in past 3 hours in tenths mbs
Weather in past hour
Past weather
Scale 1 : 5,000,000
6h Saturday 30th July, 1949
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–15h Regents Park Westminster 09h–21h at other stations.
Stations | Weather: Morning, Afternoon, Night | Temperature: Day Max. °F., Night Min. °F., Min. on grass °F. | Rainfall: Day mm., Night mm. | Sunshine to sunset hrs. Yesterday | Humidity: 15h % Yesterday, 9h % Today
Kew ... cbcy bcby bywc 72 56 46 – – 9·3 • •
London Airport cbcbvy bwyc 74 51 45 – – * 40 58
Greenwich ... cy cbcy by 74 53 43 – – 8·0 36 52
Westminster • • • 75 54 . – • 68 83
Regents Park • • • 73 54 50 – – 47 60
Camden Square c b • 75 55 48 – – • • 58
Kensington ... bc bc • 75 54 49 – – • 48 61
Hampstead ... bc bc bc 72 52 40 – – • • 70
Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 30th Max. 40. Time wholesale period.
LOW
HIGH
LOW
D

GENERAL INFERENCE

The depression to northwest of Ireland is expected to cross Southern Scotland during the night. Rain will spread from the west to most areas. Rain amounts in the southeast may be small.

FURTHER OUTLOOK

A cloudy westerly airstream with occasional drizzle mainly in western districts.



BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Saturday 30th July 1949

No. 32027.

OBSERVATIONS at 00hr G.M.T. 30th July

District	Stations	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb. (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form. Low (9)	Cloud: Form. Medium (10)	Cloud: Form. High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer Amt 0-8 (13)	Cloud: Main layer Ht. (14)	Cloud: Lowest layer Amt 0-8 (15)	Cloud: Lowest layer Ht. (16)
0	Kew ...	18	•	•	•	•	•	•	60	•	•	•	•	•	•	•	•	—
	London Airport	82	270	08	80	b	21.1	+06	55	46	–	–	–	0	0	0	–	—
1	Lympne ...	341	310	05	80	b	20.6	+12	55	46	—	—	—	0	0	0	—	—
	Tangmere ...	53	290	05	81	b	21.9	+10	57	51	—	—	—	0	0	0	—	—
	Calshot ...	8	280	10	80	b	21.9	+04	58	53	—	—	—	0	0	0	—	—
	Boscombe Down	414	270	03	81	b	22.1	+08	54	52	—	—	—	0	0	0	—	—
2	Felixtowe ...	10	300	12	81	b	19.2	*08	61	47	—	—	—	0	0	0	—	—
	Gorleston ...	5	290	05	81	b	17.9	+09	58	48	—	—	—	0	0	0	—	—
	West Raynham	250	260	12	80	b	18.5	+04	54	47	—	—	—	0	0	0	—	—
	Mildenhall ...	15	260	03	80	b	19.3	+05	53	48	—	—	—	0	0	0	—	—
3	Cranfield ...	340	250	05	80	b	19.5	+02	56	48	—	—	—	0	0	0	—	—
	Elmdon ...	328	290	09	80	b	20.5	+07	56	50	5	—	—	2	2	50	—	—
	Wittering ...	236	270	09	64	b	19.6	+08	53	49	—	4	—	1	1	53	—	—
	Watnall ...	366	270	08	60	b	19.4	+08	55	52	5	—	—	2	2	30	—	—
4	Little Rissington	740	290	07	83	b	21.3	+02	55	47	—	4	—	1	1	80	—	—
	Ross-on Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Shawbury ...	235	290	08	81	b	21.1	+10	54	48	—	3	—	1	1	80	—	—
5	Bristol ...	209	250	07	81	b	22.2	+05	57	50	—	—	—	0	0	0	—	—
	Exeter ...	100	—	0	81	b	23.3	+03	53	50	—	—	—	0	0	0	—	—
	Portland Bill	32	310	09	81	b	23.0	+04	61	54	—	—	—	0	0	0	—	—
	Plymouth ...	90	310	02	64	b	23.6	-01	57	53	—	—	—	0	0	0	—	—
	Chivenor ...	20	290	05	82	b	23.4	+02	57	52	—	—	—	0	0	0	—	—
	St. Eval ...	336	320	08	82	b	24.5	+04	58	52	1	—	—	1	1	25	—	—
	Lizard ...	240	350	02	72	b	24.5	+03	55	53	5	—	—	1	1	25	—	—
	Scilly, St. Mary's	163	300	07	83	b	24.7	+02	58	54	1	—	—	1	1	21	—	—
	Guernsey ...	340	330	07	82	b	24.3	+02	57	53	—	—	—	0	0	0	—	—
	Aberporth ...	375	270	05	81	bc	22.9	+06	56	54	5	—	—	3	3	35	—	—
6	Pembroke ...	142	300	16	81	b	23.2	+08	58	52	4	—	—	1	1	25	—	—
7	Holyhead (Valley)	32	290	13	81	b	20.6	+05	56	52	5	—	—	1	1	25	—	—
8	Manchester ..	230	300	07	80	c	19.7	+08	57	54	8	—	—	7	7	50	2	26
	Squires Gate...	33	300	16	81	bc	15.7	+14	58	54	5	—	—	5	5	25	—	—
	Silloth ...	25	270	16	81	bc	17.8	+13	57	50	5	—	—	3	3	30	—	—
9	Finningley ...	52	250	07	64	b	18.4	+08	57	51	5	—	—	1	1	49	—	—
10	Spurn Head ...	29	270	20	64	b	17.9	+08	59	53	2	—	—	1	1	25	—	—
	Leeming ...	105	270	10	82	b	17.2	+13	57	51	5	—	—	1	1	45 30	—	—
	Tynemouth ...	108	310	09	80	bc	15.6	+17	56	49	3	—	—	3	3	28	—	—
11	St. Abb's Head	280	270	19	71	bc	13.5	+17	56	50	5	—	—	3	3	35	—	—
	Leuchars ...	36	250	07	82	b	14.0	+16	55	49	5	—	—	1	1	30	—	—
12	Eskdalemuir...	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Prestwick ...	30	270	19	80	c/pr	17.9	+11	56	52	8	—	—	7	7	27	2	15
	West Freugh...	52	290	07	80	o	19.3	+08	55	51	2	3	—	8	7	24	—	—
	Ronaldsway ...	55	280	16	83	b	19.9	+05	55	51	2	—	—	1	1	25	1	12
13a	Tiree ...	29	290	11	80	c	16.8	+03	56	53	5	—	—	7	7	37	—	—
13b	Benbecula ...	16	290	16	82	c	15.2	+05	57	51	5	—	—	7	7	35	3	29
	Stornoway ...	10	290	06	81	b	14.1	+10	54	51	8	—	—	2	2	30	—	—
	Cape Wrath ...	367	310	09	82	pr	12.6	+15	53	51	8	—	—	8	8	15	—	—
	Sule Skerry ...	43	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	Loch Rannoch	680																
15	Dyce ...	234	280	06	82	bc	12.8	+15	54	49	3	—	—	3	2	30	2	20
	Lossiemouth...	21	250	14	81	c	12.9	+12	56	51	5	—	—	7	7	26	—	—
	Wick ...	119	280	07	81	c	12.0	+15	53	52	6	—	—	7	7	25	4	08
16	Lerwick ...	269	310	11	82	o	09.2	+13	51	48	5	—	—	8	8	24	—	—
17	Blacksod Point	18	280	09	78	pr	21.6	-07	57	49	9	—	—	8	8	21	—	—
18	Malin Head ...	84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aldergrove ...	220	280	10	80	c	20.0	00	54	50	8	—	—	6	5	31	3	14
	Castle Archdale	225	340	03	81	c	20.6	-02	55	50	5	—	—	7	7	30	—	—
19	Birr Castle ... •	187	290	05	81	c	22.1	-02	54	49	4	—	—	7	7	35	—	—
	Colbinstown ... •	226	260	07	82	c	22.0	-06	52	48	5	—	1	6	5	40	—	—
	Rineanna ... •	10	260	09	82	c	22.9	-03	55	51	5	2	—	7	4	83	3	40
20	Valentia ... •	30	180	05	81	c	23.9	-12	55	51	8	—	—	7	6	35	1	23
	Mideton ... •	30	—	0	81	b	23.6	-03	51	48	—	3	—	1	1	85	—	—

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 30th July

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb. (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form. Low (25)	Cloud: Form. Medium (26)	Cloud: Form. High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer Amt 0-8 (29)	Cloud: Main layer Ht. (30)	Cloud: Lowest layer Amt 0-8 (31)	Cloud: Lowest layer Ht. (32)	9 h. State of ground (33)	OBSERVATIONS Friday NIGHT: Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h.: Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
Kew ...	250	02	72	b	22.0	+07	57	49	5	–	1	2	2	58	–	–	0	bybwbcy	56	46	–
London Airport	280	07	81	b	22.7	+11	52	49	–	3	1	2	1	81	–	–	0	bybwbcy	51	45	–
Lympne ...	310	07	81	b	21.4	+06	55	48	5	–	2	1	1	60	–	–	0	bwbbcy	50	42	–
Tangmere ...	290	06	81	b	22.2	+03	58	52	–	–	1	1	–	–	–	–	0	b	48	43	–
Calshot ...	340	07	80	b	22.7	+07	58	54	–	–	3	1	–	–	–	–	0	b	56	52	–
Boscombe Down	280	04	40	bc	22.5	+04	52	51	–	3	8	4 5	5	–	–	–	0	bcbcwbwfybc	49	37	TV
Felixtowe ...	290	14	81	bc	20.5	+11	57	49	–	3	1	3	2	81	–	–	0	bybb-c	55	56	–
Gorleston ...	290	10	80	bc	19.0	+09	54	50	–	4	–	3	1	80	–	–	0	bcblb-c	53	48	–
West Raynham	270	11	80	c	19.3	+08	55	51	–	3	–	7	7	–	–	–	0	bbcc	52	47	–
Mildenhall ...	260	05	64	c	20.6	+13	54	51	–	3	1	7	7	–	1	–	0	bbcc	50	43	–
Cranfield ...	240	02	81	c	21.0	+10	53	49	–	3	–	6	6	83	–	–	0	bcbbccc	48 ~~43~~	40	–
Elmdon ...	250	06	64	c	21.1	+03	55	49	5	4	–	7	6	50	–	–	0	cb-c	51	42	–
Wittering ...	250	09	72	c	20.6	+10	54	50	5	3	–	7	7	84	1	35	0	bc	52	47	–
Watnall ...	270	06	80	o	20.3	+06	55	52	–	3	1	8	7	60	–	–	0	bcbbcc	53	50	–
Little Rissington	270	08	83	c	21.8	+04	53	49	–	3	5	6	1	83	–	–	0	~~cyvbcyc~~ cyvbcfc	52	52	–
Ross-on Wye	260	05	81	c	22.1	+00	57	50	5	7	1	7	1	20	–	–	0	cvbcc	53	•	–
Shawbury ...	250	03	82	c	21.0	-01	55	49	5	7	–	7	7	80	1	50	1	cbccfo	51	44	TV
Bristol ...	250	03	81	c	22.4	+03	56	53	–	3	2	6	4	–	–	–		bbcc	55	39	–
Exeter ...	–	0	81	b	23.4	+01	50	49	–	3	–	2	–	06	–	–	0		48	39	–
Portland Bill	330	05	81	bc	23.1	+03	61	54	–	4	–	3	3	80	–	–	0	bcbcbcbc	58	•	–
Plymouth ...	090	02	64	b	23.5	+01	52	50	5	7	1	2	1	20	–	–	0	bcbcwb	46	46	–
Chivenor ...	110	02	82	b	23.1	+00	53	51	5	–	–	2	2	50	–	–	0	cbcbw	52	44	–
St. Eval ...	–	0	82	c	23.7	+00	57	53	5	–	–	6	6	35	–	–	0	bc	54	41	–
Lizard ...	–	0	80	bc	24.0	-01	56	56	2	3	–	4	2	20	–	–	0	bc	54	•	–
Scilly, St. Mary's	270	06	83	c	23.9	-05	56	53	5	3	–	7	2	21	–	–	0	bwbc	55		–
Guernsey ...	350	03	82	b	24.0	+00	59	55	1	4	9	2	1	15	–	–	0	bcbbc	55	50	—
Aberporth ...	300	05	81	bc	12.4	+03	57	53	5	–	–	5	5	36	–	–	0	bcc	54	45	–
Pembroke ...	310	04	81	bc	22.3	-00	56	50	–	7	–	3	3	65	–	–	0	bcqbcc	54	•	–
Holyhead (Valley)	280	09	81	c	20.0	-08	57	50	5	7	–	7	7	60	1	22	0	bcbcbcido	53	49	TV
Manchester ..	270	07	64	c	20.1	+00	56	52	8	3	–	7	5	30	1	20	0	cprcirc	55	52	0.5
Squires Gate...	300	12	81	c	19.9	-01	57	49	8	–	–	7	6	20	–	–	0	cprobccirc	57	55	0.1
Silloth ...	280	11	81	c	18.1	-02	56	50	8	3	–	7	6	30	1	25	0	bcc	54	51	–
Finningley ...	250	08	48	c	19.4	+07	56	51	–	3	1	6	6	–	–	–	0	bcbcmoc2oc	53	48	–
Spurn Head ...	290	17	32	bc	18.5	+07	57	52	5	–	–	4	4	35	–	–	0	bbcbcMoO	55		–
Leeming ...	160	02	82	c	18.1	+04	56	48	5	–	7	7	7	26	2	35	0	bcbbcc	54	48	–
Tynemouth ...	270	12	80	c	16.8	+06	55	49	3	4	5	6	3	28	–	–	0	bccccc	54	50	–
St. Abb's Head	270	13	81	bc	15.1	+08	55	47	5	–	–	5	5	34	–	–	0	bc	50	•	–
Leuchars ...	250	00	82	bc	15.0	+06	55	49	5	–	9	5	2 3	30	–	–	0	bcbbcc	53	45	–
Eskdalemuir...	180	06	81	o	17.5	+01	52	48	5	–	–	8	8	18	–	–	1	ccprocidc	52	50	0.1
Prestwick ...	250	12	81	o	17.7	-03	56	51	5	2	–	8	7	25	1	17	1	cprogpccrc	55	53	TV
West Freugh...	270	07	82	o	18.6	-05	54	49	5	7	–	8	5	30	–	–	0	bccprc	53	50	TV
Ronaldsway ...	260	11	82	o	19.6	-04	55	51	8	7	7	8	6	40	2	20	0	cbccirc	54	49	TV
Tiree ...	270	07	81	o	16.5	-06	54	52	5	7	–	8	5	20	–	–	1	ccrc	53	52	0.2
Benbecula ...	290	16	80	o/d	14.9	-07	55	52	5	7	–	8	8	26	2	10	1	cdodomoc	52	50	0.5
Stornoway ...	250	07	83	c	14.2	-04	54	52	8	–	9	7	4	30	3	20	1	bbcpro	53	46	0.5
Cape Wrath ...	310	02	83	c	13.8	+13	53	49	5	–	–	7	7	25	–	–	1	prc	52	52	1
Sule Skerry ...	310	09	80	o	13.2	+05	52	52	5	–	–	8	8	10	–	–	1		51	51	0.4
Loch Rannoch																					
Dyce ...	270	08	82	c	14.2	+03	56	50	5	4	2	6	2	50	3	20	1	bgpbcc	49	45	–
Lossiemouth...	280	12	81	c/o	14.2	+03	55	51	7	–	–	7	7	30	3	22	0	cprcirc	55	53	TV
Wick ...	270	06	82	c/pr	13.3	+03	53	52	5	3	2	7	7	25	–	–	0	cpro	51	48	0.2
Lerwick ...	310	14	40	dodo	11.0	+10	51	50	7	2	–	8	8	38	2	09	1	cdodomoc	50	49	1
Blacksod Point	180	27	40	dr	15.8	-33	57	54	7	–	–	8	8	09	–	–	1	prr	55	45	5
Malin Head ...	180	09	81	c	17.6	-14	55	43	6	3	–	7	4	83	–	–	0	c	54	•	0.2
Aldergrove ...	220	04	80	o	19.1	-10	54	50	5	1	–	8	4	20	–	–	1	cprocdo	53	50	0.1
Castle Archdale	180	08	81	r/o	18.4	-22	52	49	5	7	–	8	8	80	3	15	1	cr/r	51	51	0.5
Birr Castle ... •	250	05	80	o/r	20.0	-16	53	51	6	7	–	8	8	50	–	–	0	cr	52	50	0.2
Colbinstown ... •	240	07	82	c/o	21.0	-07	52	49	–	7	–	8	8	83	–	–	0	bcr	51	50	0.1
Rineanna ... •	170	13	81	c/o	20.4	-15	55	50	5	2	–	8	4	65	4	30	1	cr	54	51	TV
Valentia ... •	180	15	46	dr	19.3	-24	58	54	6	7	–	8	5	18	–	–	0	cr	54	49	0.1
Mideton ... •	–	0	81	c	21.8	-13	51	50	5	3	–	7	7	45	–	–	0	bcb	48	42	–

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BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 31st July 1949

No. 32028

OBSERVATIONS at 12h. G.M.T. 30th July

District	Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Pressure Bar at M.S.L. mb. (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low (9)	Cloud Form Medium (10)	Cloud Form High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt 0-8 (13)	Cloud Main layer Ht. (14)	Cloud Lowest layer Amt 0-8 (15)	Cloud Lowest layer Ht. (16)
0	Kew ...	250	10	81	c	21·2	-12	70	45	5	3	-	6	5	51	2	31
	London Airport	260	15	83	c	21·1	-12	72	45	1	7	-	7	7	84	3	27
1	Lympne ...	210	12	82	bc	21·5	-05	66	51	1	-	9	5	4	25	-	-
	Tangmere ...	240	16	81	b	22·3	-07	71	48	5	-	-	2	2	25	-	-
	Calshot ...	130	11	82	b	22·2	-07	71	51	1	-	-	2	2	30	-	-
	Boscombe Down	230	09	82	bc	21·3	-11	70	57	1	3	9	5	3	-	5	25
2	Felixtowe ...	280	07	82	c	20·7	-03	70	52	2	7	-	7	5	30	-	-
	Gorleston ...	290	10	80	c	19·5	+00	65	48	5	1	-	7	7	80	3	25
	West Raynham	260	18	81	c	19·3	-04	65	47	1	5	8	7	6	-	4	25
	Mildenhall ...	270	08	81	bc	20·0	-07	70	47	1	-	2	5	5	-	3	35
3	Cranfield ...	270	07	81	o	20·0	-09	68	47	5	7	7	8	5	83	2	20
	Elmdon ...	240	08	80	o/r	20·5	-09	63	48	4	1	-	8	8	83	2	25
	Wittering ...	250	12	80	c	20·0	-07	64	48	5	7	-	7	5	84	2	30
	Watnall ...	260	10	81	o	20·1	-06	60	48	5	7	-	8	8	83	2	25
4	Little Rissington	270	13	82	c	20·7	-13	64	45	1	7	-	7	7	81	1	30
	Ross-on-Wye	250	09	81	c	21·5	-04	66	48	8	7	-	7	2	25	-	-
	Shawbury ...	230	10	81	ir	20·8	-06	60	50	5	7	-	8	8	83	2	28
5	Bristol ...	270	15	82	c	21·5	-06	69	49	1	3	-	6	4	25	-	-
	Exeter ...	180	08	82	bc	22·2	-11	71	53	1	3	-	4	4	25	-	-
	Portland Bill	260	09	81	bc	23·7	-02	63	55	2	3	-	3	2	30	-	-
	Plymouth ...	220	08	81	bc	23·3	-03	66	59	1	3	-	3	3	25	-	-
	Chivenor ...	280	18	82	bc	22·2	-10	69	53	2	3	5	5	3	25	-	-
	St. Eval ...	240	10	82	bc	23·1	-05	65	54	5	3	5	4	1	80	2	20
	Lizard ...	270	05	80	c	23·5	-08	65	52	5	-	-	7	7	18	-	-
	Scilly, St. Mary's	250	10	82	o	23·3	-06	66	53	5	-	-	8	8	24	-	-
	Guernsey ...	200	10	82	bc	24·2	-03	66	52	8	4	9	4	2	20	1	25
	Aberporth ...	220	12	81	o	20·7	-10	62	52	5	-	-	8	8	40	6	25
6	Pembroke ...	200	12	81	o	21·5	-11	61	55	5	7	-	8	5	20	-	-
7	Holyhead (Valley)	210	19	80	ir	19·3	-12	59	52	1	2	-	8	1	30	-	-
8	Manchester ...	250	09	81	ir	20·3	-03	60	49	5	2	-	8	8	80	6	20
	Squires Gate...	250	14	81	ir	19·6	-03	62	53	2	7	-	8	5	20	-	-
	Silloth ...	260	20	81	c	17·6	-06	61	52	2	7	9	7	3	25	1	20
9	Finningley ...	230	10	56	ir	19·4	-02	64	49	5	7	-	8	5	45	-	-
10	Sparn Head ...	290	08	64	c	18·9	+00	64	50	5	-	-	7	7	16	-	-
	Leeming ...	270	09	82	c	18·0	-02	63	50	5	3	8	7	3	-	5	30
	Tynemouth ...	270	13	80	c	16·8	-03	65	46	3	-	-	6	6	24	-	-
11	St. Abb's Head	270	13	81	c	15·0	-04	61	45	5	-	-	6	6	30	-	-
	Leuchars ...	220	11	82	c	15·0	-04	63	50	8	7	-	7	5	40	4	20
12	Eskdalemuir...	210	12	82	c	15·9	-10	60	49	8	3	-	7	6	22	-	-
	Prestwick ...	240	14	81	c	16·2	-15	61	51	8	7	-	7	5	55	2	18
	West Freugh...	230	13	80	o	17·0	-15	58	50	5	7	-	8	2	40	2	15
	Ronaldsway ...	200	14	81	o/d	18·6	-10	58	52	5	7	-	8	8	83	2	18
13A	Tiree ...	180	18	80	o	13·2	-25	57	53	5	7	-	8	6	18	1	10
13B	Benbecula ...	150	15	81	o/pr	11·9	-21	58	54	8	7	-	8	8	-	1	30
	Stornoway ...	170	15	82	c	12·4	-12	59	52	2	7	6	7	4	20	-	-
	Cape Wrath ...	230	05	83	c	12·4	-06	56	52	8	-	-	7	7	25	-	-
14	Sule Skerry ...	130	02	82	o	13·2	-01	58	50	5	-	-	8	8	20	-	-
15	Loch Rannoch																
	Dyce ...	170	10	81	pr	14·2	-07	59	49	8	6	-	7	6	28	1	12
	Lossiemouth...	270	08	82	c	13·5	-07	63	49	8	7	9	7	5	30	-	-
16	Wick ...	160	04	81	dod	13·4	+02	56	52	5	3	-	7	6	30	3	15
	Lerwick ...	310	06	82	c	11·9	+03	55	47	5	-	-	7	7	22	-	-
17	Blacksod Point	240	18	32	dro	11·5	-06	61	60	7	-	-	8	8	07	-	-
18	Malin Head ...	230	09	11	rr	12·5	-35	53	52	6	2	-	8	4	21	4	09
	Aldergrove ...	180	14	32	rofo	16·0	-22	55	53	6	-	-	8	8	18	6	08
	Castle Archdale	180	12	80	rofo	13·2	-30	53	51	5	-	-	8	8	12	-	-
19	Birr Castle ... *	180	05	35	rr	14·6	-31	57	55	7	2	-	8	5	25	-	-
	Collinstown ... *	160	12	48	rofo	16·8	-23	55	53	6	-	-	8	12	2	10	-
	Rineanna ... *	200	20	80	o/r	15·0	-26	61	58	6	-	-	8	6	09	-	-
20	Valentia ... *	320	17	36	ir	16·5	-11	63	62	6	-	-	8	8	07	-	-
	Midleton ... *	200	09	32	rr	18·8	-13	59	58	7	2	-	8	6	11	-	-

* Rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 30th July

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Pressure Bar at M.S.L. mb. (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low (25)	Cloud Form Medium (26)	Cloud Form High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt 0-8 (29)	Cloud Main layer Ht. (30)	Cloud Lowest layer Amt 0-8 (31)	Cloud Lowest layer Ht. (32)	21h State of ground (33)
Kew ...	240	13	81	bc	18·6	-07	72	48	5	3	-	5	5	-	3	51	0
London Airport	240	15	81	bc	18·3	-09	73	49	1	7	-	4	3	35	-	-	0
Lympne ...	240	09	82	bc	19·5	-06	66	49	-	3	2	5	3	-	-	-	0
Tangmere ...	270	12	81	b	19·7	-16	67	50	-	4	1	1	-	-	-	-	0
Calshot ...	250	15	81	b	20·1	-13	67	54	1	4	-	2	1	30	-	-	0
Boscombe Down	230	10	82	bc	20·1	-04	67	59	1	7	2	5	4	83	2	25	0
Felixtowe ...	310	06	81	rofo	18·0	-08	71	52	2	7	-	8	8	83	2	50	0
Gorleston ...	070	08	72	pro	18·5	-02	65	56	7	7	-	8	8	80	3	35	1
West Raynham	310	07	48	ir	18·7	+01	61	53	5	7	-	8	8	80	1	25	1
Mildenhall ...	360	01	81	o/r	17·9	-10	65	53	5	2	-	8	8	-	6	60	1
Cranfield ...	250	13	81	c	17·8	-14	67	49	-	7	2	7	6	83	-	-	0
Elmdon ...	210	06	64	ir	17·7	-14	62	53	-	7	-	7	8	80	-	-	1
Wittering ...	270	08	81	o	17·9	-05	63	61	5	7	-	8	8	80	1	25	0
Watnall ...	240	07	64	c/r	17·54	730	59	55	-	2	-	8	8	60	-	-	1
Little Rissington	290	17	81	c	18·3	-17	65	50	8	7	-	7	7	80	3	50	0
Ross-on-Wye	260	12	81	c	18·7	-19	64	52	5	7	-	7	5	25	-	-	1
Shawbury ...	180	10	82	c	17·1	-25	61	54	5	7	-	7	6	60	4	25	1
Bristol ...	250	14	82	c	19·4	-10	67	52	5	7	-	6	6	83	2	25	0
Exeter ...	250	11	82	bc	19·7	-12	69	54	1	4	-	4	3	25	-	-	0
Portland Bill	250	19	81	bc	20·9	-12	63	54	-	3	-	3	3	80	-	-	0
Plymouth ...	250	15	82	b	20·8	-13	64	56	1	3	2	2	1	83	1	20	0
Chivenor ...	260	18	83	c	20·4	-13	65	55	5	7	-	7	4	30	-	-	0
St. Eval ...	250	18	82	bc	21·1	-11	63	54	5	3	1	4	2	-	1	40	0
Lizard ...	290	08	81	bc	21·2	-14	64	56	2	-	9	3	3	20	-	-	0
Scilly, St. Mary's	260	16	82	bc	20·7	-18	67	56	8	4	1	5	2	60	3	20	0
Guernsey ...	310	07	82	b	22·3	-11	64	55	1	-	1	1	1	15	-	-	0
Aberporth ...	210	17	81	dd	17·2	-21	59	58	6	-	-	8	8	08	4	08	1
Pembroke ...	230	22	34	ir	18·3	-20	60	58	5	-	-	8	8	12	-	-	1
Holyhead (Valley)	210	24	56	ido	13·9	-21	59	58	-	-	-	8	8	06	-	-	1
Manchester ...	180	09	40	rofo	17·1	-21	57	55	5	2	-	8	6	25	4	16	1
Squires Gate...	170	14	20	rofo	15·9	-26	58	56	6	2	-	8	6	06	4	03	2
Silloth ...	200	16	32	id	13·3	-28	57	55	6	-	-	8	8	10	-	-	1
Finningley ...	180	10	56	c/r	17·2	-19	61	52	-	7	-	7	7	35	-	-	1
Sparn Head ...	250	12	56	b	17·6	-07	62	51	5	-	-	8	8	15	-	-	0
Leeming ...	180	05	80	c	15·3	-21	58	53	5	7	-	7	4	40	1	18	1
Tynemouth ...	230	12	32	c/pr	14·8	-11	58	49	5	7	-	7	5	23	-	-	0
St. Abb's Head	230	13	80	ir	12·6	-11	54	50	5	-	-	7	7	35	-	-	1
Leuchars ...	200	08	81	ir	11·8	-13	55	48	5	7	-	8	8	-	2	25	1
Eskdalemuir...	180	13	32	id	12·7	-26	53	52	7	-	-	8	8	02	-	-	2
Prestwick ...	170	12	64	o/d	10·6	-32	57	55	5	2	-	8	6	20	1	10	1
West Freugh...	230	13	36	o/r	11·1	-35	58	57	6	1	-	8	7	03	-	-	1
Ronaldsway ...	200	25	24	ir	12·4	-36	58	57	6	-	-	8	8	05	2	02	1
Tiree ...	190	17	64	o/r	06·4	-30	57	56	5	-	-	8	8	04	-	-	1
Benbecula ...	150	20	24	rofo	04·3	-36	55	55	7	2	-	8	8	22	7	02	2
Stornoway ...	160	15	32	rr	07·2	-31	54	52	7	2	-	8	7	10	2	05	2
Cape Wrath ...	090	13	82	pr2	08·3	-31	53	53	8	-	-	8	8	15	-	-	2
Sule Skerry ...	130	09	82	c	09·7	-20	56	50	5	-	-	7	7	10	-	-	1
Loch Rannoch																	
Dyce ...	220	10	80	rofo	11·0	-14	60	49	5	2	-	8	8	81	3	30	1
Lossiemouth...	100	08	81	c	09·1	-37	59	54	7	2	-	7	7	80	4	21	1
Wick ...	120	08	81	rofo	10·0	-20	55	54	5	2	-	8	8	-	4	25	1
Lerwick ...	—	0	82	o	11·6	-04	54	44	5	-	-	8	8	25	-	-	1
Blacksod Point	240	16	78	o	09·9	-11	62	59	6	-	-	8	8	21	-	-	1
Malin Head ...	230	05	81	ir	08·1	-12	61	59	6	-	-	8	8	20	-	-	2
Aldergrove ...	190	10	56	ir	10·7	-21	61	61	6	-	-	8	8	12	7	06	1
Castle Archdale	270	14	82	c	09·2	-16	65	59	5	-	-	7	7	15	-	-	1
Birr Castle ... *	220	09	50	o	11·9	-12	64	62	7	2	-	8	6	25	-	-	1
Collinstown ... *	230	17	82	ido	12·1	-11	64	59	6	-	-	7	6	16	-	-	1
Rineanna ... *	230	12	80	id	13·1	-09	65	63	6	-	-	8	6	06	-	-	1
Valentia ... *	230	7	20	o	14·4	-11	63	62	6	-	-	8	8	03	-	-	1
Midleton ... *	220	12	44	ido	15·1	-17	63	61	6	-	-	8	7	06	-	-	1

OBSERVATIONS during DAY (30th)

Stations	Weather 09 to 21 h. (34)	Max. Temp. (09h. 21h.) °F (35)	Sunshine (36)	Rain (09h. 21h. mm.) (37)
Kew ...	bcybc	74	9·3	-
London Airport	bcyyc	76		-
Lympne ...	bcybc	71	12·5	-
Tangmere ...	bbybc	73	13·8	-
Calshot ...	pcbcybybc	71	14·1	-
Boscombe Down	bcbcybc	75	11·6	-
Felixtowe ...	cl rofoc	73	7·2	TR
Gorleston ...	cy cpro c.	69	3·5	TR
West Raynham	cy iro rofomo	66	3·0	0·4
Mildenhall ...	cybcy cirocyc	73	2·4	TR
Cranfield ...	ccycirocc	77	2·0	TR
Elmdon ...	ccirc	65		TR
Wittering ...	cy ciroy cciro	65	3·6	TR
Watnall ...	circ crro cmo	61	1·5	TR 1
Little Rissington	cyc	67	4·8	-
Ross-on-Wye	ccycepo	69	1·0	TR
Shawbury ...	cirrofoc	62	0·1	2
Bristol ...	cbcyc	73	9·4	-
Exeter ...	pcybc	74	12·0	-
Portland Bill	bc	65	•	+
Plymouth ...	bc cbcbbc	66	13·5	-
Chivenor ...	bbcy cirocc	71	10·0	TR
St. Eval ...	bcc, cybc bbcc	67	11·3	-
Lizard ...	cbcc	66		-
Scilly, St. Mary's	bcc	70	0·0	-
Guernsey ...	bcb	67	13·6	-
Aberporth ...	cirocrrccidodo	62	1·1	2
Pembroke ...	cciro crroirom	64	3·2	3
Holyhead (Valley)	cirocrrmz cidom	60	0·0	9
Manchester ...	cirofo crr	60	0·0	3
Squires Gate...	cirorrmoc	62	0·0	13
Silloth ...	bcciro rofo dodom	61	•	0·6
Finningley ...	coyc iro ccirom	66	1·2	TR
Sparn Head ...	ocomo oc	66	1·6	-
Leeming ...	cciroc	68	3·3	0·3
Tynemouth ...	ceprmocmo	68	•	0·1
St. Abb's Head	cciro	66	•	1
Leuchars ...	oy iroido	67	3·8	0·1
Eskdalemuir...	cciido iro odd.	61	1·1	5
Prestwick ...	cido cro crr ciro	62	1·2	3
West Freugh...	cerrmoiroc	60		7
Ronaldsway ...	cciro rrido c	58	0·0	7
Tiree ...	cerrdoc	59	0·0	6
Benbecula ...	proorrm	58	1·0	7
Stornoway ...	crofo	61	1·0	6
Cape Wrath ...	prr	58	•	2
Sule Skerry ...		58	•	1
Loch Rannoch				
Dyce ...	procrofo	63	2·9	0·4
Lossiemouth...	ciro	63	4·3	2
Wick ...	cdorofo	61	3·2	0·5
Lerwick ...	c	58	1·7	-
Blacksod Point	r.d.	63	0·8	12
Malin Head ...	r.r.	62		9
Aldergrove ...	cirorofomocido	63	0·0	7
Castle Archdale	crorocciro	65	0·0	8
Birr Castle ... *	r.r.	65	0·0	5
Collinstown ... *	r.r.	65	0·8	5
Rineanna ... *	r.r.	65	0·0	8
Valentia ... *	r.r.	64	0·0	16
Midleton ... *	r.r.	64	0·0	5

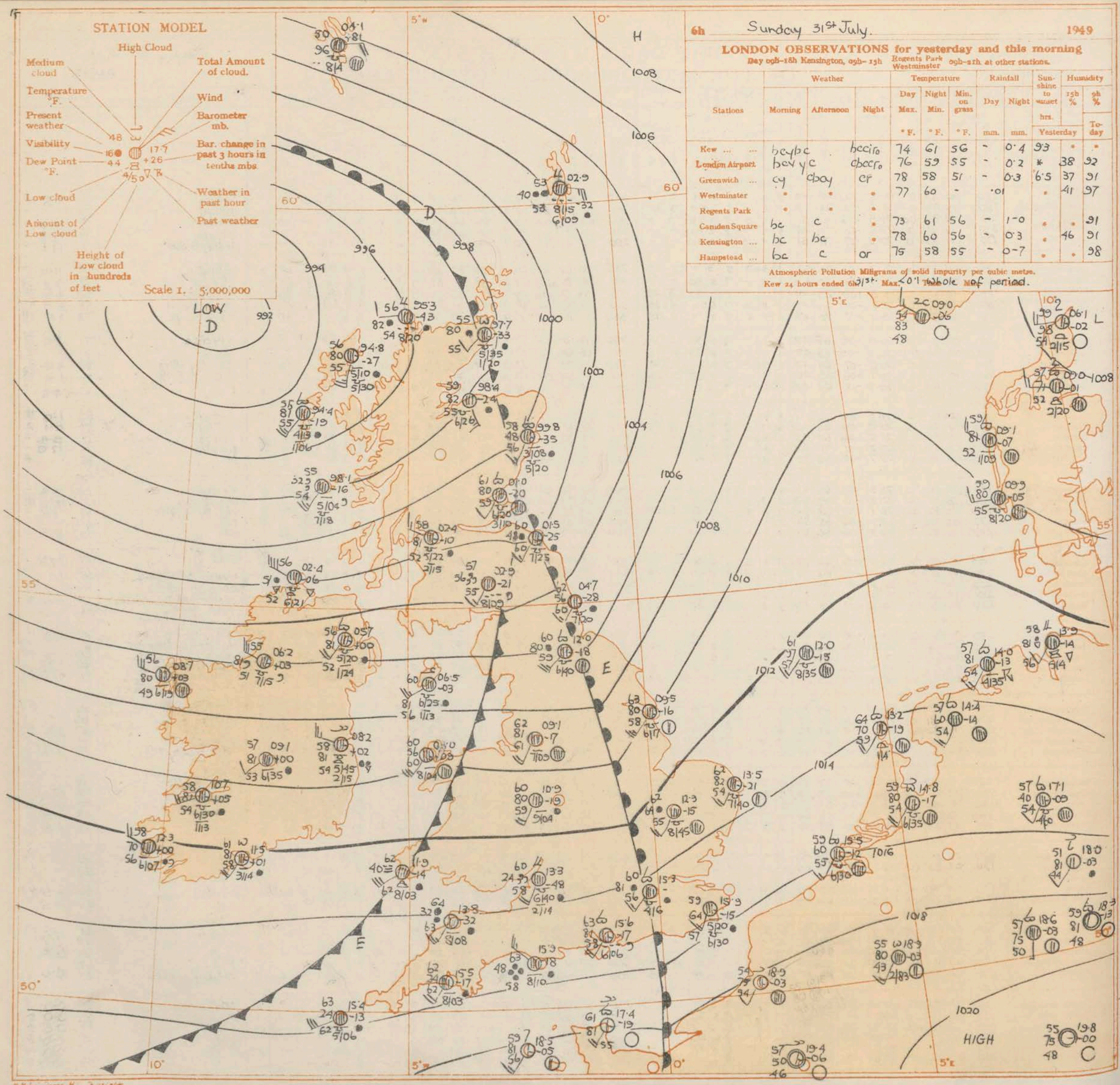
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 15, 28, 29 and 31).

Amount is expressed in eighths of the sky covered ("Oktas"). "Trace" is included in figure 1. "Overcast but with openings" is included in figure 7. Figure 9 is used when sky is obscured or amount cannot be estimated owing to darkness.

* * Cloud heights are in hundreds of feet

* Information not usually received.

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



6h Sunday 31st July. 1949

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–13h Regents Park Westminster 09h–21h at other stations.

Stations	Weather Morning	Weather Afternoon	Weather Night	Temperature Day Max. °F.	Temperature Night Min. °F.	Temperature Min. on grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 9h % To-day
Kew	bcybc		bcciro	74	61	56	-	0·4	9·3	•	•
London Airport	bcvyc		cbccro	76	59	55	-	0·2	*	38	92
Greenwich ...	cy	cbcy	cr	78	58	51	-	0·3	6·5	37	91
Westminster	•	•	•	77	60	-	·01		•	41	97
Regents Park	•	•	•								
Camden Square	bc	c	•	73	61	56	-	1·0	•	•	91
Kensington ...	bc	bc	•	78	60	56	-	0·3	•	46	91
Hampstead ...	bc	c	or	75	58	55	-	0·7	•	•	98

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 31st. Max. <0·1 Whole of period.

GENERAL INFERENCE

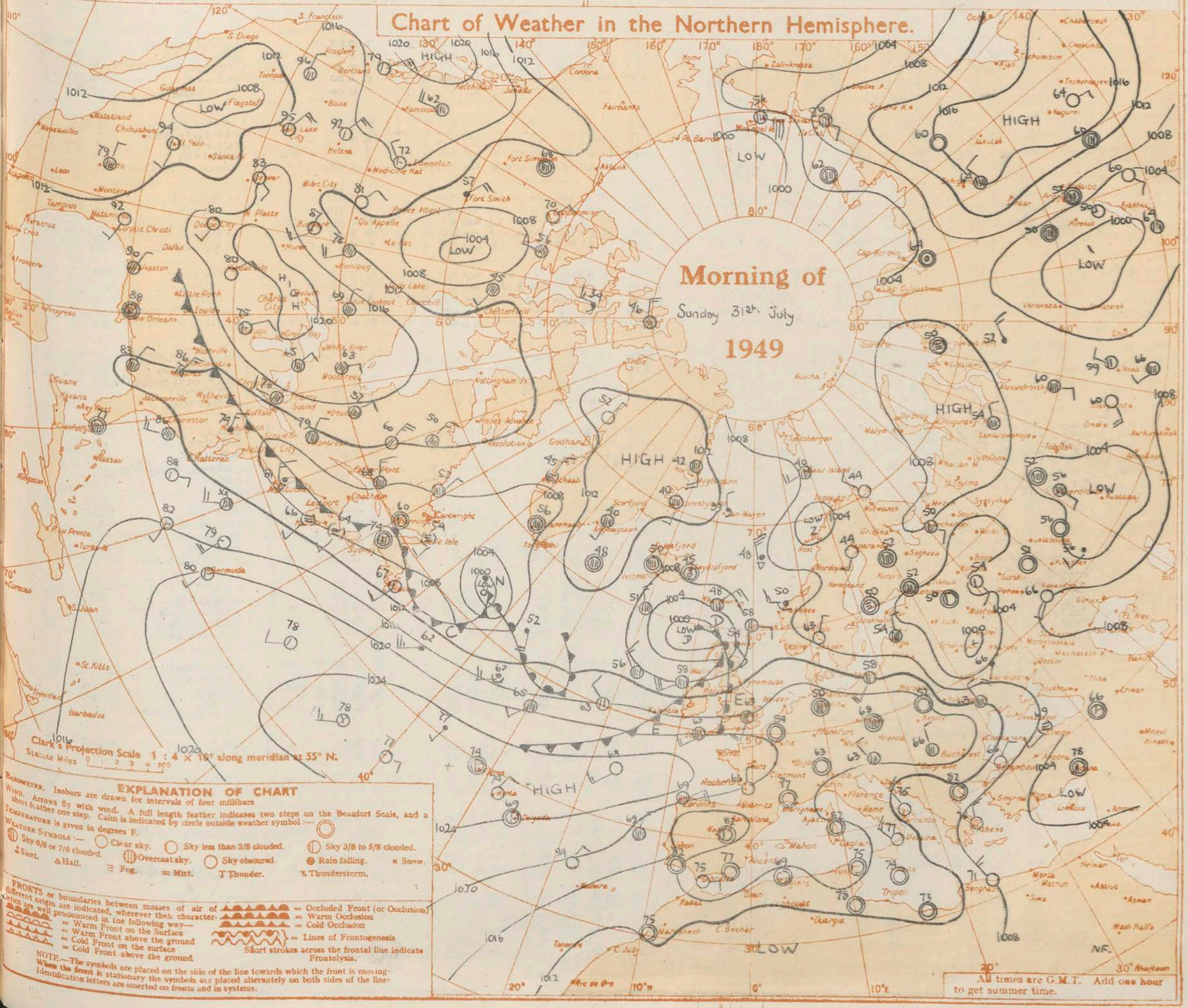
A depression near North West Scotland is moving East and an associated trough of low pressure is crossing the country. There will be some occasional mainly slight rain or drizzle in England and Wales at first but a temporary improvement will spread across most districts from the West. Tomorrow morning, however, more general rain or drizzle is likely to spread to parts of South West England and Wales from the Atlantic. Over Scotland it will be mainly cloudy with rain or showers at times today but the weather will improve in most places tomorrow morning. It will be close over much of England and Wales today but otherwise temperatures will be below normal.

FURTHER OUTLOOK

Rain or drizzle spreading eastwards to most parts of the British Isles tomorrow afternoon and evening.

Gale Warning

North Cones are flying on West Coast from River Dee to Whiten Head and in North Ireland from Howth to Loch Foyle.



Page 4.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 31st July 1949

No. 32028.

OBSERVATIONS at 00hr G.M.T. 31st July

District	Stations	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility (Code figures) (3)	Present Weather (4)	Bar at M.S.L. mb. (5)	Change in 3 hrs. (6)	Dry Bulb °F. (7)	Dew point °F. (8)	Cloud Form Low (9)	Medium (10)	High (11)	Total amount 0-8 (12)	Main layer Amt 0-8 (13)	Main layer Ht. (14)	Lowest layer Amt. 0-8 (15)	Lowest layer Ht. (16)
0	Kew	18	*	*	*	*	*	*	64	*	*	*	*	*	*	*	*	
	London Airport	82	230	08	60	c	17·9	-07	63	53	-	7	-	6	6	80	-	-
1	Lympne ...	341	220	07	80	bc	18·6	-06	57	55	5	-	-	3	3	30	-	-
	Tangmere ...	53	260	02	80	bc	18·5	-10	60	56	-	4	1	3	1	-	-	-
	Calshot ...	8	260	04	81	b	18·8	-09	61	54	5	-	-	1	1	30	-	-
	Boscombe Down	414	240	05	81	bc	18·9	-00	58	55	5	-	-	3	3	30	-	-
2	Felixtowe ...	10	220	09	72	c	16·7	-08	63	56	5	-	-	7	7	51	-	-
	Gorleston ...	5	180	10	72	o	16·3	-12	64	56	-	2	-	8	8	-	-	-
	West Raynham	250	190	13	48	c	15·6	-20	57	55	5	-	-	7	7	50	-	-
	Mildenhall ...	15	240	06	64	b	16·1	-08	64	55	5	-	-	2	2	60	-	-
3	Cranfield ...	340	230	12	81	o	16·9	-07	62	52	-	7	-	8	8	80	-	-
	Elmdon ...	326	190	09	36	o	15·3	-14	60	55	5	-	-	8	7	23	-	-
	Wittering ...	236	230	10	40	bc	15·1	-14	61	52	5	-	-	5	5	30	-	-
	Watnall ...	366	230	06	56	iro	14·5	-18	59	55	5	-	-	8	8	21	-	-
4	Little Rissington	740	230	15	82	o	16·8	-14	59	52	5	-	-	8	8	15	-	-
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Shawbury ...	235	220	16	81	c	13·7	-17	62	57	6	7	-	6	5	21	4	15
5	Bristol ...	209	230	10	81	o	17·7	-11	62	54	6	-	-	8	8	19	-	-
	Exeter ...	100	230	05	80	b	18·5	-11	62	55	4	4	-	2	2	36	-	-
	Portland Bill	32	260	19	81	bc	19·5	-04	63	54	5	-	-	4	4	30	-	-
	Plymouth ...	90	250	15	80	o	19·3	-08	63	58	5	-	-	8	8	21	-	-
	Chivenor ...	20	200	15	81	iro	18·0	~~xx~~ -11	63	59	5	7	-	8	8	81	5	25
	St. Eval ...	396	240	17	81	o	18·8	-13	62	57	5	-	-	8	8	17	-	-
	Lizard ...	240	290	10	80	c	19·7	-08	60	58	6	-	-	6	8	12	-	-
	Scilly, St. Mary's	163	250	17	82	o	18·6	-10	63	60	5	-	-	8	8	15	-	-
	Guernsey ...	340	250	06	82	b	21·1	-04	59	56	-	-	-	0	0	0	-	-
	Aberporth ...	375	210	20	16	dodo	14·5	-14	61	61	-	2	-	8	8	05	-	-
6	Pembroke ...	142	230	20	22	iro	15·6	-11	61	61	5	-	-	8	8	03	-	-
7	Holyhead (Valley)	32	230	20	06	o	10·8	-16	60	60	6	-	-	8	8	-	-	-
8	Manchester ...	230	180	12	48	o	13·5	-14	59	57	6	-	-	8	6	20	-	-
	Squires Gate...	33	230	24	64	o	12·4	-12	63	61	5	7	-	8	3	25	-	-
	Silloth ...	25	220	20	32	iro	09·8	-15	59	59	6	-	-	8	3	04	-	-
9	Finningley ...	52	200	12	48	bc/d	13·4	-16	58	55	5	-	-	3	3	20	-	-
10	Spurn Head ...	29	200	11	56	o/pr	13·9	-15	59	55	6	-	-	8	8	15	-	-
	Leeming ...	105	190	05	81	o	11·2	-18	60	57	6	-	-	8	8	20	7	16
	Tynemouth ...	108	180	07	56	c	10·1	-25	58	53	5	-	-	7	7	19	-	-
11	St. Abb's Head	280	230	13	80	c	07·0	-28	56	54	5	-	-	7	7	30	-	-
	Leuchars ...	36	-	0	32	ido	06·2	-30	57	55	5	-	-	8	8	15	3	10
12	Eskdalemuir...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Prestwick ...	30	210	19	40	iro	06·5	-20	63	60	6	-	-	8	8	20	3	15
	West Freugh...	52	230	12	48	c	07·6	-16	59	59	5	7	-	6	6	18	-	-
	Ronaldsway...	55	200	16	56	iro	09·2	-15	59	59	6	-	-	8	8	14	-	-
13A	Tiree ...	29	200	18	80	c/d	02·3	-28	58	58	5	7	-	7	5	15	-	-
13B	Benbecula ...	16	190	18	80	c/r	99·6	-31	59	58	6	-	-	7	5	09	-	-
	Stornoway ...	10	170	15	56	o	00·7	-33	57	57	-	2	-	8	8	25	-	-
	Cape Wrath ...	367	090	13	81	rr	12·8	+09	58	54	-	2	-	8	8	15	-	-
	Sule Skerry ...	43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	Loch Rannoch	880																
15	Dyce ...	234	180	10	40	iro	07·0	-20	54	52	6	-	-	8	8	06	-	-
	Lossiemouth...	21	130	06	80	o/r	04·4	-27	55	52	6	-	-	8	8	16	-	-
	Wick ...	119	160	09	81	iro	04·5	-22	54	52	5	2	-	8	8	44	5	25
16	Lerwick ...	269	110	05	82	c	08·7	-15	52	47	5	7	-	7	7	-	-	-
17	Blacksod Point	18	260	30	81	c	08·4	-04	58	54	9	-	-	6	6	19	-	-
18	Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove ...	220	210	13	48	o/d	07·4	-16	62	60	6	-	-	8	8	16	6	10
	Castle Archdale	225	250	15	81	bc	06·4	-16	60	58	5	-	-	8	5	05	-	-
19	Birr Castle ... *	187	220	09	50	o/r	09·7	-09	63	62	7	2	-	8	5	25	-	-
	Collinstown ... *	226	230	16	81	iro	09·5	-14	63	60	6	-	-	8	6	14	2	10
	Rineanna ... *	16	250	16	81	o/r	11·1	-08	63	61	6	-	-	8	6	09	-	-
20	Valentia ... *	30	260	10	20	o/d	12·9	-05	62	60	6	-	-	8	8	05	-	-
	Midleton ... *	30	220	11	48	o/d	12·8	-14	63	62	6	-	-	8	8	06	-	-

* Rainfall read at 0600.

OBSERVATIONS at 06hr G.M.T. 31st July — OBSERVATIONS Saturday NIGHT

District	Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility (Code figures) (19)	Present Weather (20)	Bar at M.S.L. mb. (21)	Change in 3 hrs. (22)	Dry Bulb °F. (23)	Dew point °F. (24)	Cloud Form Low (25)	Medium (26)	High (27)	Total amount 0-8 (28)	Main layer Amt 0-8 (29)	Main layer Ht. (30)	Lowest layer Amt. 0-8 (31)	Lowest layer Ht. (32)	9 h. State of ground (33)	Weather 21 h.-09 h. (38)	Temperature 21 h.-09 h. Min. °F. (39)	Min. on Grass °F. (40)	Rain mm. (41)
0	Kew	230	15	72	o	14·3	-06	62	56	7	2	-	8	8	25	-	-	1	bcccirororcro	61	56	0·4
	London Airport	220	14	80	iro	14·4	-14	61	56	7	-	-	8	8	30	4	17	1	cbccromoc	59	55	0·2
1	Lympne	230	07	64	c/r	15·9	-15	59	57	6	-	-	7	6	30	5	20	0	bbcwcdoc	56	51	TV
	Tangmere	260	16	81	o	16·0	-12	62	58	5	7	-	8	6	20	1	12	1	bcccrr	55	50	2
	Calshot	250	15	81	c/d	15·6	-17	63	58	7	7	-	7	6	06	-	-	1	bcidooroiro	60	57	2
	Boscombe Down	210	11	80	iro	15·6	~~-15~~ -16	60	59	5	-	-	8	8	15	6	06	1	bcirocrorooc	57	52	5
2	Felixtowe	230	16	64	o	14·1	-13	64	56	5	-	-	8	8	40	-	-	1	cccrorooc	61	55	0·5
	Gorleston	230	09	82	c	13·5	-21	62	54	5	-	-	7	7	40	-	-	1	coorrmo	61	55	TV
	West Raynham	220	17	80	iro	12·3	-8	60	54	5	7	-	7	7	-	6	40	1	cmociro	56	54	0·1
	Mildenhall	220	08	64	iro	12·3	-15	62	55	5	-	-	8	8	45	-	-	0	cbccciirocido	61	58	TV
3	Cranfield	230	15	81	iro	14·0	-13	59	56	5	7	-	8	5	10	-	-	1	ccrorocciro	59	58	0·5
	Elmdon	180	12	80	c	10·9	-19	60	59	-	6	2	7	7	04	-	-	1	cciro RRc	60	58	3
	Wittering	230	16	48	iro	10·3	-23	60	57	5	4	5	6	5	80	4	18	1	cirobcciro rrrom	59	52	4
	Watnall	230	12	64	iro	10·6	-13	61	59	6	-	-	8	8	20	5	06	1	cmoirocirocidocir	58	56	[illegible]
4	Little Rissington	200	12	81	o/r	12·9	-13	57	~~57~~ 56	6	-	-	8	8	10	-	-	1	ccrorodd mo	57	57	0·6
	Ross-on-Wye	210	15	34	ido	12·2	-20	62	60	7	1	-	8	7	08	-	-	0	ccido o	60	*	0·1
	Shawbury	210	11	80	iro	09·4	-18	64	61	6	7	-	7	6	30	4	10	1	ccrodoc	60	56	1
5	Bristol	200	16	24	dd	13·3	-23	60	58	5	2	-	8	6	40	2	14	1	crodd	59	57	3
	Exeter	230	10	81	rr	14·7	-15	62	60	7	-	-	8	8	15	-	-	1	bcbwcrrcdocido	60	54	2
	Portland Bill	~~290~~ 250	19	48	R	15·9	-18	63	58	6	-	-	8	8	10	-	-		bcoRdo	61		
	Plymouth	250	13	24	o/r	15·5	-17	62	62	6	-	-	8	8	03	-	-	d	bccciirocrorom	61	59	6
	Chivenor	230	21	3	r r˙r˙	13·8	-32	64	63	6	-	-	8	8	08	-	-	1	crororrido	59	59	4
	St. Eval	240	20	06	dodo	15·4	-11	63	63	6	-	-	8	8	-	-	-	1	cciroocirocidooR	60	59	6
	Lizard	290	17	40	rr	16·0	-16	62	62	6	-	-	8	8	10	-	-	1	orrmoir	59	*	2
	Scilly, St. Mary's	250	22	24	o/r	15·4	-13	63	62	5	-	-	8	8	06	-	-	1	ccidirido	60	*	0·5
	Guernsey	230	09	81	bc	18·5	-05	59	56	-	-	4	3	-	-	-	-	1	bbcc	57	54	-
	Aberporth	230	20	64	c	11·0	-20	62	62	7	3	-	7	7	05	-	-	1	ododomocroc	59	59	6
6	Pembroke	260	25	40	o/f	11·9	-10	62	62				8	8	03	-	-	1	oirocirooc	60	*	3
7	Holyhead (Valley)	230	23	56	o	08·0	-09	60	60	6	-	-	8	8	04	-	-	1	cidomoodoodofidoc	58	55	TV
8	Manchester	190	12	81	o	09·1	-17	62	61	6	-	-	8	7	09	-	-	1	ciro	57	56	1
	Squires Gate	240	22	64	c	08·2	-16	63	61	6	-	-	7	6	35	4	08	0	cirooidc	60	57	0·6
	Silloth	240	25	80	o	05·2	-18	62	58	6	7	-	8	6	15	-	-	1	ciromo roroc	58	50	0·1
9	Finningley	200	15	80	c	08·7	-23	6-	58	5	8	-	7	6	-	3	40	2	cidobcmoccdocmo	57	55	1
10	Spurn Head	230	17	80	c	09·5	-16	63	58	5	-	-	6	6	17	-	-	1	coproc	58		0·1
	Leeming	180	06	28	dodo	06·3	-18	62	61	6	-	-	8	8	18	6	10	1	cciroccdodomoc	60	58	1
	Tynemouth	230	07	56	c/r	04·7	-28	62	60	6	-	-	7	7	20	-	-	1	cmoorrcirc	53	52	5
11	St. Abb's Head	230	09	48	iro	01·5	-25	60	60	5	-	-	7	7	25	-	-	2	ccirocciroc	58	*	6
	Leuchars	200	05	80	o	01·0	-20	61	59	5	7	-	8	6	20	3	10	1	cidoccdodocpro	56	54	5
12	Eskdalemuir	210	10	56	dd	02·9	-21	57	55	-	-	-	8	8	09	-	-	1	oddodo doc	56	52	7
	Prestwick	240	21	81	c	03·7	-01	58	53	5	3	8	7	6	25	2	18	1	rorocdocciro	56	56	4
	West Freugh	280	13	81	jp	05·1	-02	57	54	2	7	2	7	5	83	4	20	1	cidocproc	56	49	0·3
	Ronaldsway	240	20	81	c	06·5	-03	60	56	5	-	8	6	6	25	1	13	0	cirocidobcc	57	54	0·1
13A	Tiree	230	18	32	dd	98·1	-16	55	54	6	-	-	8	7	18	5	04	1	cccido	55	53	2
13B	Benbecula	210	19	81	o	94·4	-19	55	55	5	7	-	8	4	13	1	06	2	orrdd	55	54	5
	Stornoway	180	20	80	c	94·8	-27	56	55	6	7	-	7	5	30	5	10	2	crorocrcirodrmo	55	53	3
	Cape Wrath	270	05	82	iro	95·3	-43	56	54	7	2	-	8	8	20	-	-	2	rriro	55	51	5
	Sule Skerry	130	19	80	o/pr	98·0	-20	55	53	7	-	-	8	8	10	-	-	1		54	54	2
14	Loch Rannoch																					
15	Dyce	190	08	48	c	99·8	-35	58	56	6	7	8	7	5	20	3	08	1	crorocirocmoc	53	52	3
	Lossiemouth	170	07	82	c	98·4	-24	59	55	5	7	-	6	6	26	-	-	1	rocbc	56	55	2
	Wick	~~260~~ 160	05	80	iro	97·7	-33	55	55	5	3	-	7	5	35	1	20	1	cirobc	53	53	2
16	Lerwick	110	18	40	roro	02·9	-32	53	53	7	2	-	8	8	15	6	09	1	cprocirodododroro	51	49	2·4
17	Blacksod Point	270	27	80	c	08·7	+03	56	49	6	-	-	7	6	19	-	-	1	prc	54	45	0
18	Malin Head	290	33	51	pr	02·4	-06	56	52	8	-	-	6	6	21	-	-	1	pr	54	*	1
	Aldergrove	230	16	81	c	05·7	+00	56	52	5	7	-	7	5	20	1	14	1	cidoiromocpromoc	53	52	0·3
	Castle Archdale	290	25	81	ido	06·2	+03	55	51	5	-	-	7	7	15	-	-	1	ccidocpro	54	53	0·2
19	Birr Castle *	270	05	81	c	09·1	+00	57	53	5	-	-	6	6	35	-	-	1	r	56	54	2
	Collinstown *	270	18	81	c/pr	08·2	+02	58	54	8	-	2	7	5	45	2	15	1	r	57	56	0·7
	Rineanna *	260	15	81	c/r	10·7	+05	58	54	5	-	-	7	6	30	1	13	1	r	56	55	0·6
20	Valentia *	280	11	70	o/d	12·3	+00	58	56	6	-	-	8	6	07	-	-	1	dr	57	57	1
	Midleton *	230	11	81	c	11·5	-01	61	58	6	3	-	7	3	14	-	-	1	dr	60	58	0·1

* Information not usually received.

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