M.O. Form 2373

THE DAILY WEATHER REPORT

E6936

BRITISH SECTION

1st October to 31st December

1947

METEOROLOGICAL OFFICE
LONDON, W.C.2

INTRODUCTION

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

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

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

Barometer Readings.—The readings are in millibars and tenths with the initial 9 or 10 omitted. Thus readings of 989·4 and 1021·5 are printed as 89·4 and 21·5 respectively.

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

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

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

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

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

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

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

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

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

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

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

Cloud Form Abbreviations

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

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

	Objects not visible at
0 Dense fog	55 yards
1 Thick fog	220 ,,
2 Fog	550 ,,
3 Moderate fog	1,100 ,,
4 Mist or haze	1¼ miles
5 Poor visibility	2½ ,,
6 Moderate ,,	6½ ,,
7 Good ,,	12½ ,,
8 Very good ,,	31 ,,
9 Excellent ,,	beyond 31m.

Code for State of Sea (S)—

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

Rainfall—Columns 38 43.
Tr: = rain has fallen, but amount less than 0·1 m.m.

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

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog ,, less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent
h(r), "hail" or "rain and hail."
jf, fog in the vicinity but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s_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).
$\mathcal{P}$, gale.
⊕ Solar halo. ☽ lunar halo. ⌓ Aurora.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions thus: bc/r, fair weather after rain; —, has decreased; +, has increased.

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

GALE WARNINGS

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

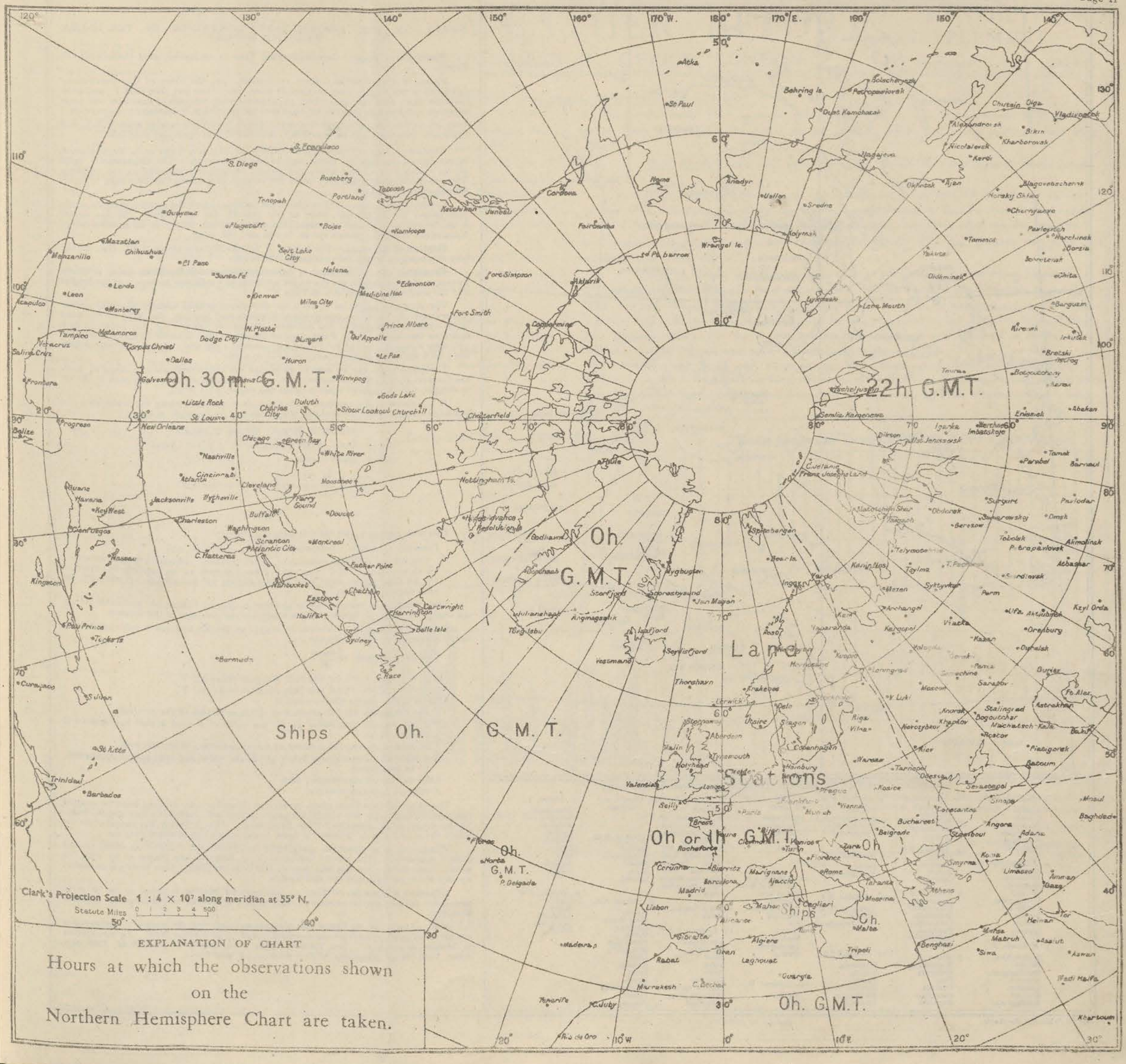
The *North Cone* (point upwards) is hoisted for gales commencing from a Northerly point.

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

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

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

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



EXPLANATION OF CHART

Hours at which the observations shown on the Northern Hemisphere Chart are taken.

FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND

Scale 1 : 5,000,000

FORECAST DISTRICTS and the Counties comprised within them

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.

13B. *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 measurements at all the London stations where rain gauges are maintained, refer to two periods, day and night. The day period is 9h. to 21h. G.M.T. and the night period 21h. to 09h. G.M.T. at all stations except Kensington where the periods are 9h. to 18h. and 18h. to 9h.

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

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

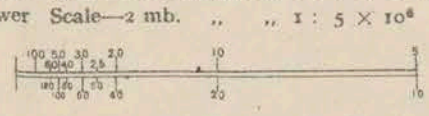
The wind at a height of 1,500–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of the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

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

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

GEOSTROPHIC WIND SCALES

Upper Scale—8 mb. isobars on 1 : 4×10^7 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.

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

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

$x = f - \cdot 444\,(t - t')$ for wet bulb readings above 32° F.
$x = f - \cdot 400\,(t - t')$ for wet bulb readings below 32° F.
where x is the vapour pressure in mb.
F the saturation vapour pressure at the temperature of the dry bulb;
For air temperatures below 32° F. the value of F used is that appropriate to an ice surface.
f the saturation vapour pressure at the temperature of the wet bulb;
For wet bulb temperatures below 32° F. the value of f used is that appropriate to an ice surface.
t the dry bulb temperature; and
t' the wet bulb temperature.

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

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

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

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

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

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT,

DECEMBER 1947 No. 372.

Mainly dull and rather mild; wintry at the close.

The cold weather at the end of November lasted into the beginning of December with fog and frost in many districts, but by the 3rd temperature was rising slowly generally. A deepening depression approached our Southwest coasts on the 4th and crossed Wales on the 5th; pressure falling to 973 mbs. at Pembroke. Considerable rain fell in most districts and there was some thunder near the South coast. The depression filled up rapidly and moved southeast on the 6th, but a smaller depression moved east southeast over the country on the 8th. A developing ridge of high pressure moved southeast in its rear and by the morning of the 11th there was a large anticyclone over the English Channel and Belgium. Subsequently this system moved west and was centred not far from West Ireland from 12th till 22nd, giving a spell of mainly dull and rather mild weather over the British Isles with drizzle at times. Pressure reached 1045 mbs. at Blacksod Point at noon on 17th. After 22nd the anticyclone moved south and collapsed and an unsettled Southwest to West type spread southeastwards across the country. Thunderstorms occurred locally on Christmas day while Boxing day was the sunniest day for some weeks in Eastern England. A deep depression moved eastward across North Scotland on 27th (Pressure fell to 966 mbs at Wick) giving gales at exposed places throughout the country. The northwest current in its rear was of Arctic origin and brought wintry weather in the last three days of the month with snow in most districts; heavy locally as far south as the North Midlands and Wales. Temperature fell to 13°F. at Dalwhinnie early on 30th and to 19°F. at Honiley (Midlands) early on 31st.

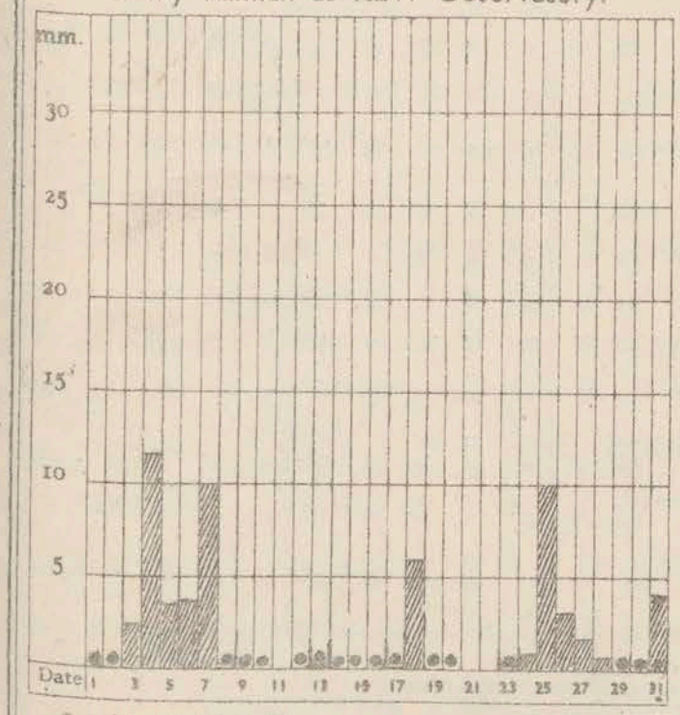
Mean pressure was well above average for the month especially to the North and West.

Mean temperature was above average for the 9th consecutive month in most of England. In Scotland it was around average or a little above, but in West Ireland was somewhat below.

Sunshine. Over the greater part Britain only 75% to 80% and in Ireland only 50% to 60% of the average was recorded. Aldergrove's total of 20hrs. was only 1hour more than the total for December 1941 – the dullest on record there.

Rainfall. Except in the Southeast there was a marked deficiency of rain, more especially in Scotland, North Ireland and Southwest England. At Eskdalemuir and Aldergrove less than half the average rainfall was recorded. Only slight excesses occurred locally in the Southeast.

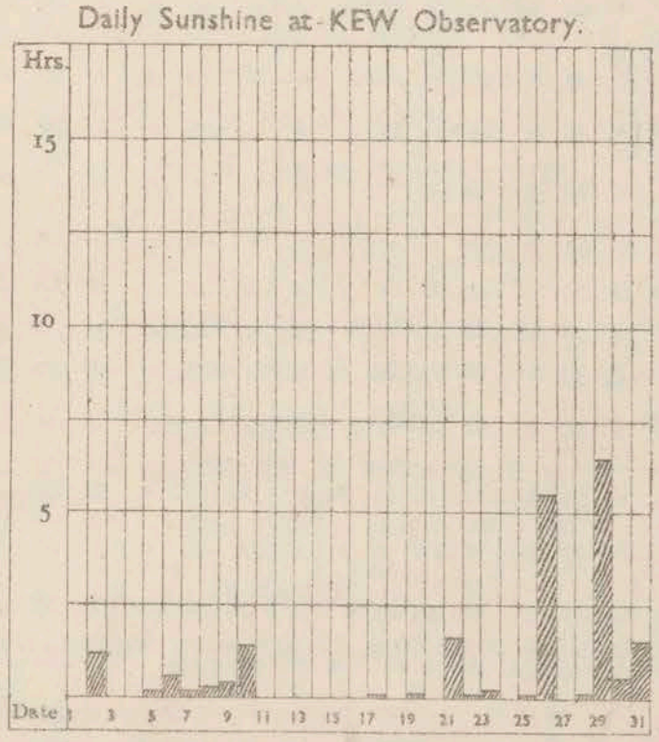
Daily Rainfall at KEW Observatory.



* = less than 0·5 mm.

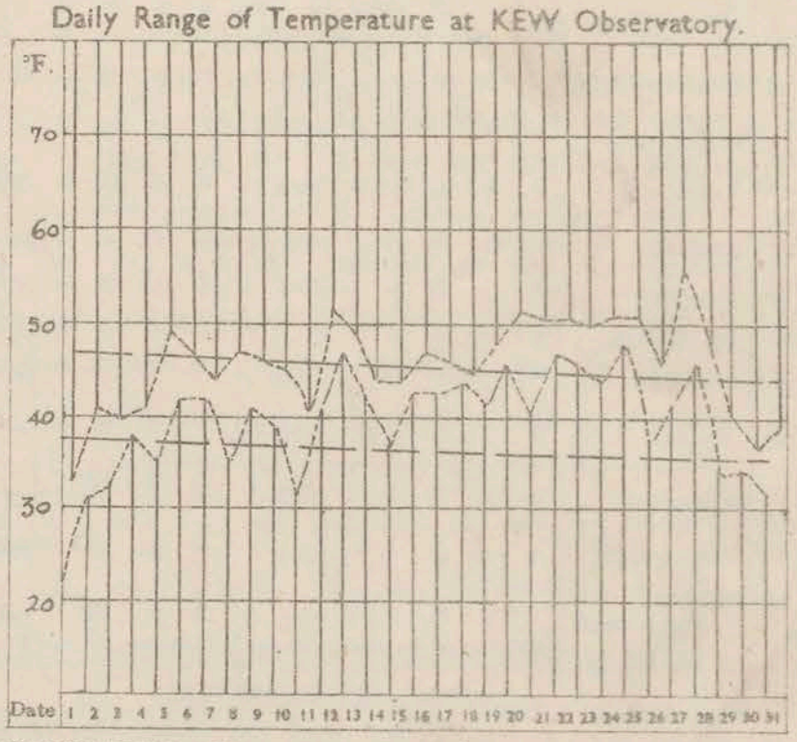
RAINFALL. Total for Month. 59 mm.

Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 21 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	1015·8	+2·1	42·7	+1·3
Aberdeen	1012·1	+5·2	40·8	+0·7
Valentia	1017·7	+7·0	45·4	−0·7

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

WIND FREQUENCIES at 6 hr.

Kew	Aberdeen	Valentia
1	2	1

Forces 1–3 ——— ; forces 4–7 ═══ ; force 8 or above ▬▬ . Scale: ——10 mm.—— 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 ...	6592
Aberdeen ...	5794
Lerwick ...	11779

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

†TEMPERATURE.

District	Stations	Number of daily readings within fixed limits. Maximum. 32° or below	33° – 41°	42° – 50°	51° – 59°	60° – 68°	Average Maximum. °F.	Minimum. 23° or below	24° – 32°	33° – 41°	42° – 50°	51° – 59°	Average Minimum. °F.	Extremes—Warmest and Coldest. Days. Highest Max. °F.	Date.	Lowest Max °F.	Date.	Nights. Highest Min. °F.	Date.	Lowest Min. °F.	Date.	Number of Ground Frosts.
1	London (Kew Obsy).	0	8	16	7	0	44·8	1	4	11	15	0	38·0	56	27	33	1	48	25	22	1	11
1	Croydon	0	5	21	5	0	44·4	1	7	12	11	0	37·5	56	27	37	30	47	{13 25	21	1	9
1	Calshot	0	1	25	5	0	46·2	0	5	12	14	0	38·9	54	27	39	30	48	{25 28	26	1	6
1	Lympne	0	5	25	1	0	43·4	1	6	16	8	0	36·3	53	27	37	1	46	{13 28	21	1	8
2	Shoeburyness	1	4	22	4	0	44·7	0	5	14	12	0	36·1	54	27	31	1	47	13	25	1	9
2	Gorleston	0	4	24	3	0	44·1	0	4	12	15	0	37·6	56	27	37	30	48	25	27	1	*
2	Waddington ‡	1	8	17	5	0	42·7	1	6	17	7	0	35·2	53	{12 24 27	31	2	46	{20 23	18	2	9
3	Birmingham (Edgbaston)	0	7	22	2	0	42·6	0	6	14	11	0	36·3	56	27	34	30	47	{13 20	25	3	7
4	Ross-on-Wye	0	6	19	6	0	44·7	1	3	15	12	0	37·3	55	{20 27	36	{1 2	48	{13 20	21	1	10
5	The Lizard	0	0	21	10	0	*	0	0	9	22	0	*	55	12	44	30	49	{22 25 28	37	{1 30	*
7	Holyhead (Valley	0	5	20	6	0	46·9	0	5	9	17	0	42·5	52	{12 20 24	39	2	49	{12 13 20 24	28	2	10
8	Hawarden ‖	0	6	17	8	0	45·2	4	1	13	13	0	37·5	55	{24 25 27	34	2	49	{12 24	20	1	10
10	Tynemouth	0	6	20	5	0	44·4	1	6	11	13	0	38·4	54	24	35	{1 31	49	{12 24	22	2	6
11	Leuchars	1	5	17	8	0	43·5	3	4	17	7	0	35·6	55	12	30	2	47	12	19	{3	11
12	Renfrew	3	7	14	7	0	43·6	3	6	13	9	0	36·8	54	12	22	2	49	12	17	1	11
12	Eskdalemuir	2	11	15	3	0	40·7	6	2	18	5	0	33·5	53	12	29	30	46	12	15	1	9
13B	Stornoway	0	7	21	3	0	44·9	0	7	10	14	0	38·5	51	{11 12 22	35	31	49	12	24	1/3	8
15	Aberdeen	2	7	16	6	0	43·4	5	3	8	15	0	36·9	56	12	26	3	50	23	17	2	10
18	Aldergrove	0	6	22	3	0	43·9	1	5	8	14	0	36·7	55	22	34	29	48	12	22	30	8
19	Birr Castle ††	0	6	21	4	0	45·8	1	5	12	13	0	37·8	54	24	37	30	48	24	19	1	8
20	Valentia †† (Cahirciveen)	0	1	18	12	0	49·1	0	3	9	18	1	43·0	54	24	41	2	51	24	29	1	3

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

LOW CLOUD.

Number of observations within fixed limits.

District	Stations	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.
1	London (Kew Obsy).	1	24	0	2	24	0	4	20	0
1	Croydon	1	24	0	3	26	1	6	14	1
1	Calshot	3	27	0	2	27	0	2	24	0
1	Lympne	13	13	0	12	16	1	5	20	0
2	Shoeburyness	5	21	1	3	25	0	1	23	0
2	Gorleston	4	25	0	4	25	1	2	25	3
2	Waddington ‡	8	17	1	5	21	2	4	16	1
3	Birmingham (Edgbaston)	13	17	1	6 (12h)	23	0	4	23	0
4	Ross-on-Wye	2	29	0	3	27	0	3	26	0
5	The Lizard	0	30	0	0	30	0	1	30	0
7	Holyhead (Valley	3	28	0	3	27	0	1	28	0
8	Hawarden ‖	6	25	0	4	26	0	4	23	0
10	Tynemouth	0	31	0	0	31	0	0	30	0
11	Leuchars	1	26	0	3	24	0	2	20	1
12	Renfrew	5	24	1	5	24	0	3	25	2
12	Eskdalemuir	5	26	0	4	24	0	3	26	0
13B	Stornoway	3	28	0	8	22	0	1	29	0
15	Aberdeen	3	24	3	6	18	2	3	23	2
18	Aldergrove	10	18	0	5	24	0	2 + 24	5	0
19	Birr Castle ††	0	27	0	0	27	0	1	23	0
20	Valentia †† (Cahirciveen)	3	27	0	2	28	0	2	28	1

FOG, MIST and GOOD VISIBILITY.

Number of observations within fixed limits.

District	Stations	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	0	7	2	3	1	0	4	4	1
1	Croydon	0	1	5	10	1	0	0	5	12	1
1	Calshot	0	0	0	3	12	0	0	0	1	14
1	Lympne	0	0	0	6	14	0	0	1	4	12
2	Shoeburyness	1	1	1	3	5	0	1	0	5	10
2	Gorleston	0	0	0	1	12	0	0	0	1	18
2	Waddington ‡	1	4	1	8	5	2	0	3	5	7
3	Birmingham (Edgbaston)	0	3	3	6	6	0 (12h)	1	3 (12h)	10	7
4	Ross-on-Wye	0	1	0	4	21	0	0	0	2	18
5	The Lizard	0	0	0	1	29	0	0	0	0	27
7	Holyhead (Valley	0	0	0	0	23	0	0	0	0	25
8	Hawarden ‖	0	0	4	4	11	0	0	0	8	15
10	Tynemouth	0	0	1	3	10	0	0	2	1	9
11	Leuchars	0	0	0	2	21	1	0	0	2	19
12	Renfrew	0	2	8	8	10	2	1	1	4	12
12	Eskdalemuir	0	0	1	0	21	0	0	2	0	24
13B	Stornoway	0	0	0	0	29	0	0	0	0	26
15	Aberdeen	0	0	4	2	12	0	0	4	5	11
18	Aldergrove	0	0	2	1	20	0	0	0	1	22
19	Birr Castle ††	0	0	0	0	31	0	0	0	0	31
20	Valentia †† (Cahirciveen)	0	0	0	0	29	0	0	0	0	29

UPPER AIR TEMPERATURE.

Pressure mb.	Icao Height. feet	†BIRCHAM NEWTON (..... Reports) (06h) Normal Temp. °F	Mean Temp. °F	ALDERGROVE (..... Reports) (06h) Normal Temp. °F	Mean Temp. °F	PENZANCE (31) (06h) Mean Temp. °F	LARKHILL (31) (06h) Mean Temp. °F	DOWNHAM MARKET (31) (06h) Mean Temp. °F	LIVERPOOL (.....) (06h) Mean Temp. °F	LERWICK (31) (06h) Mean Temp. °F	VALENTIA (31) (06h) Mean Temp. °F
Surf.						46·3	39·1	39·3	not available.	40·6	47·1
900	3,240	33·6		33·2		35·2	33·3	33·0		32·8	35·0
800	6,390	26·4		28·5		30·4	28·9	27·3		25·5	31·6
700	9,870	16·8		18·2		20·8	19·1	18·4		15·2	21·9
600	13,792	3·7		+8·9		7·6	5·8	5·0		1·6	07·7
500	18,278	-12·7		-10·5		-8·9	-11·2	-12·7		-15·3	-9·2
400	23,561	-34·1				-29·4	-32·3	-33·5		-36·4	29·8
300	30,049					-55·2	-56·9	-57·5		-60·1	-53·9
200	38,640					-74·1	-75·3	-74·1		-74·6	-64·7

UPPER WINDS.

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

Pressure mb.	LARKHILL (..31. Reports) (06h) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	DOWNHAM MARKET (..21. Reports) (06h) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	LIVERPOOL (23 Reports) (06h) 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) (06h) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	>95 knots	Pressure mb.
Surf.	25	6	0	0	0	0	16	5	0	0	0	0	18	5	0	0	0	0	17	14	0	0	0	0	Surf.
900	7	18	6	0	0	0	2	14	5	0	0	0	6	13	4	0	0	0	6	19	6	0	0	0	900
800	8	14	9	0	0	0	2	12	7	0	0	0	6	11	6	0	0	0	7	17	7	0	0	0	800
700	7	14	9	1	0	0	1	10	9	1	0	0	7	9	6	1	0	0	6	17	6	2	0	0	700
600	4	13	13	0	1	0	2	6	10	3	0	0	5	11	5	2	0	0	6	15	7	1	2	0	600
500	5	12	9	4	0	1	2	6	6	6	1	0	1	14	5	2	1	0	8	10	8	3	0	2	500
400	6	8	9	3	4	1	2	4	6	4	4	1	2	9	7	3	2	0	7	6	11	3	2	2	400
300	3	7	9	4	3	5	1	5	8	1	3	2	2	3	7	2	0	2	4	8	11	3	1	3	300
200	1	11	9	5	2	0	4	10	2	2	0	0	1	3	5	1	1	0	3	8	11	4	2	0	200

† 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).

‡ Langham

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

SUNSHINE, RAINFALL, AND HUMIDITY — DECEMBER, 1947

District	Stations	SUNSHINE: 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	Difference from average	Total for Month	Difference from average	Highest and Lowest Totals on record for Month: First year of record.	Highest.	Year	Lowest.	Year.
									Hours.	Hours.	Hours.	Hours		Hrs.		Hrs.	
1	London (Kew Obsy).	13	16	1	1	0	6·4	29	1399	-70	21	-16	1880	72	1886	0	1890
1	Croydon ...	17	10	3	1	0	6·1	29	1617	+92	30	-8	1922	58	1929 / 1936	19	1930 / 1934
1	Calshot ** ...	10	12	7	2	0	6·3	29	1752	+6	61	+3	1881	89	1946	35	1927
1	Lympne ...	13	12	3	3	0	7·1	29	1921	+156	45	-9	1921	85	1926	19	1934
2	Shoeburyness ...	13	14	4	0	0	5·6	26	1677	-39	31	-18	1919	77	1936	20	1934
2	Gorleston ...	11	11	9	0	0	5·2	23	1866	+223	~~30~~ 52	+9	1908	67	1936	20	1934
2	Waddington §..	11	15	4	1	0	6·1	1	1568	+30	34	-13	1921	70	1946	30	1934
3	Birmingham (Edgbaston) ...	17	11	3	0	0	5·9	29	1199	-105	26	-9	1887	90	1891	5	1890
4	Ross-on-Wye ...	14	11	6	0	0	5·4	29	1392	-93	36	-12	1915	73	1929	30	1915 / 1927
5	Falmouth (Observatory) ...	14	12	4	1	0	6·6	8	1498	-212	41	-12	1891	91	1946	19	1890
7	Holyhead (Valley)	12	15	4	0	0	4·6	1	1541	-9	33	-8	1914	71	1916	15	1931
8	Hawarden ℙ ...	14	13	4	0	0	5·1	1	1426	+50	36	-5	1923	76	1929	23	1927
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	31	*	1935	*	*	*	*
11	Lerchers ...	12	15	4	0	0	5·8	1	1436	-34	40	-4	1922	66	1929	16	1934
12	Renfrew ...	20	8	3	0	0	4·9	29	1112	-81	20	-7	1921	46	1938	9	1939
12	Eskdalemuir ...	15	12	4	0	0	4·5	2	1142	-59	26	-6	1910	60	1935	3	1912
13B	Stornoway ..	17	12	4	0	0	5·7	5	1282	+67	21	-1	1881	54	1935	6	1884
15	Aberdeen ...	12	15	4	0	0	5·5	1	1360	+31	27	-10	1881	68	1891	7	1903
18	Aldergrove ...	16	14	1	0	0	4·7	1	1280	-46	20	-21	1927	70	1935	19	1941
19	Birr Castle ...	16	13	2	0	0	4·0	30	1085	-221	25	-18	1881	68	1881	22	1884 / 1939
20	Valentia (Cahirciveen) ...	15	16	0	0	0	2·9	5 / 6	1288	-80	22	-17	1880	76	1938	14	1931

District	Stations	RAINFALL: ‡Number of days with amount: 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hours: mm.	Date.	Total for past 12 months	Difference from average	Total for Month ‡‡	Difference from average	Highest and Lowest Totals on record for Month: First year of record	Highest.	Year	Lowest.	Year	Days with Thunder.	Days with Snow or Sleet.
										mm.	mm.	mm.	mm.		mm.		mm.			
1	London (Kew Obsy).	16	5	6	4	0	0	11	4	505	-101	~~53~~ 54	+1	1856	162	1914	6	1926	1	2
1	Croydon ...	15	5	6	4	1	0	17	25	537	-142	68	-1	1921	174	1929	8	1926	1	1
1	Calshot ** ...	20	1	4	5	1	0	23	5	608	-38	88	+14	1871	217	1934	10	1926	1	0
1	Lympne ...	11	6	7	7	0	0	12	25	556	-168	76	-6	1920	181	1929	14	1932	1	2
2	Shoeburyness ...	13	7	9	1	1	0	15	25	468	-35	52	+5	1920	94	1937	5	1932	0	2
2	Gorleston ...	13	6	10	2	0	0	8	8	358	-264	~~43~~ 45	-19	1871	151	1914	12	1932	0	1
2	Waddington §..	15	5	6	5	0	0	8	27	420	-170	54	-2	1917	105	1938	9	1933	0	2
3	Birmingham (Edgbaston) ...	17	4	5	5	0	0	11	25	717	+43	~~37~~ 58	-11	1893	155	1914	11	1926	0	4
4	Ross-on-Wye ...	19	4	2	6	0	0	11	4	709	-8	48	-28	1859	196	1926	11	1926	0	2
5	Falmouth (Observatory)	14	3	6	7	1	0	16	31	1070	-37	95	-64	1871	280	1915	21	1926	0	0
7	Holyhead (Valley)	13	5	10	3	0	0	9	26	849	-38	54	-52	1871	241	1934	21	1926	0	1
8	Hawarden ℙ ...	13	8	6	4	0	0	13	5	666	+28	52	-11	1922	114	1926	13	1933	0	2
10	Tynemouth ...	15	3	12	1	0	0	9	4	588	-33	37	-18	1915	186	1937	7	1941	0	4
11	Lerchers ...	15	9	6	1	0	0	7	5	673	+20	30	-33	1922	95	1929	8	1926	0	2
12	Renfrew ...	19	4	4	4	0	0	12	26	1076	+137	52	-61	1921	230	1929	15	1933	0	2
12	Eskdalemuir ...	15	4	4	8	0	0	13	26	1380	-49	~~75~~ 70	-29	1910	339	1932	37	1933	0	10
13B	Stornoway ..	13	0	11	5	2	0	21	9	1013	-188	102	-49	1870	378	1898	30	1927	0	2
15	Aberdeen ...	14	4	8	4	1	0	16	6	667	-81	~~80~~ 58	-22	1871	227	1876	20	1905	0	2
18	Aldergrove ...	17	~~5~~ 6	~~7~~ 8	~~2~~ 3	0	0	13	5	829	-9	~~47~~ 42	-44	1926	145	1929	28	1926	0	4
19	Birr Castle ...	14	6	7	3	1	0	18	26	1042	+215	72	-12	1862	165	1929	24	1885	0	1
20	Valentia (Cahirciveen) ...	11	3	7	8	0	2	37	2	1471	+57	163	-6	1866	345	1934	37	1926	1	0

MINIMUM SURFACE HUMIDITY.

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

Stations	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew) ...	0	1	7	11	10	2	0	0	0	0
Ross-on-Wye ...	0	2	6	10	12	1	0	0	0	0
Falmouth (Obsy.)	1	6	6	10	6	2	0	0	0	0
Renfrew ...	3	4	11	11	2	0	0	0	0	0
Eskdalemuir ...	0	6	5	14	5	1	0	0	0	0
Aberdeen ...	0	1	8	9	10	3	0	0	0	0
Valentia ...	0	0	7	13	9	4	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)...	0	29	0	2	0	0	0	0	0	0
Ross-on-Wye ...	0	30	0	1	0	0	0	0	0	0
Renfrew ...	11	16	0	4	0	0	0	0	0	0
Eskdalemuir ...	1	23	0	0	2	2	0	1	2	0
Aberdeen ...	0	24	0	0	1	0	0	2	4	0
Valentia (at 18h)..	2	28	1	0	0	0	0	0	0	0

CODE for State of Ground.

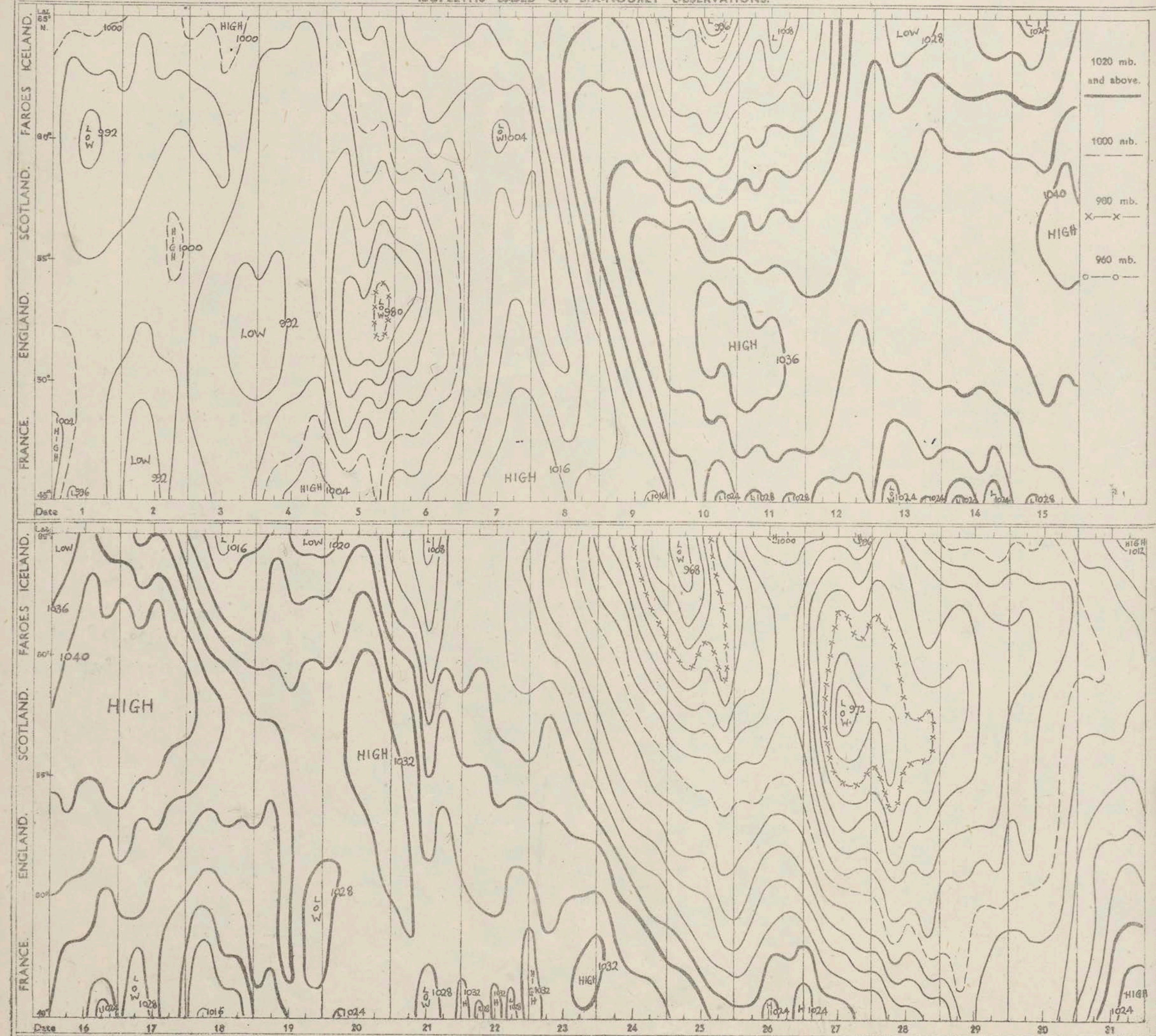
0 Dry
1 Wet
2 Flooded.
3 Frozen hard and dry
4 Partly covered with snow or hail.
5 Covered with ice or glazed frost
6 Covered with thawing snow
7 Covered with snow, less than 6 in., but ground not frozen
8 Covered with snow, less than 6 in., and ground frozen
9 Covered with snow, greater than 6 ins. deep.

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

‡‡ Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0·1 mm.

PRESSURE : ICELAND TO GULF OF LIONS ..... DECEMBER, ... 1947

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 0h., 6h., 12h. and 18h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.

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

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

Monday 1st December 1947

No. 31420

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0-9 (12)	Amount. Low. A. 0-9 (13)	Amount. Low. B. 0-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	29.4	+2	W	2	m	34	31	4	5	-	-	8	8	-	18	-
	Croydon	29.3	0	N	1	fg	32	30	3	5	-	-	8	8	-	5	-
	S. Farnborough	29.3	-6	NNW	1	fg	34	29	4	-	4	6	6	3	5	1	-
	Boscombe Down	29.3	-6	WNW	2	fg	35	27	6	5	-	2	5	1	5	15	-
	Calshot	00.5	+2	NW	3	fg	34	33	3	5	-	-	9	9	-	0	-
	Tangmere	28.9	0	N	2	mo	38	34	6	-	3	-	3	3	-	-	-
	Lympne	28.3	+2	NW'N	3	m	34	32	4	5	7	-	7	6	7	1	-
	Manston	28.3	+4	WNW	2	mo	35	34	5	5	-	-	7	7	-	5	-
2	Shoeburyness	28.2	+6	NW'W	2	mo	35	32	6	5	-	-	7	7	-	8	-
	Felixstowe	27.6	+6	NW	4	mo	34	32	5	5	3	-	7	5	3	5	-
	Gorleston	25.8	0	NW'W	4	bc	40	37	7	3	7	-	4	3	3	20	72
	Mildenhall	28.2	-2	W'S	3	mo	34	28	6	5	-	2	5	5	4	8	-
	West Raynham	27.3	+2	NW	3	mo	36	34	5	5	4	-	4	4	2	10	-
	Waddington	28.2	-6	NNW	3	mo	35	30	6	-	-	-	4	4	-	-	-
3	Cranfield	29.3	-2	W	1	fg	29	29	2	-	-	-	9	9	-	0	-
	Honiley	29.2	-2	-	0	fg	33	30	3	-	-	2	1	1	-	-	-
4	Little Rissington	29.0	-6	NW'W	3	bc	34	30	7	-	4	-	3	2	3	-	-
	Defford	29.9	-2	-	0	2o	36	28	6	-	-	1	8	1	-	-	-
5	Bristol	29.9	-2	WNW	1	mo	37	32	6	-	3	-	4	4	-	-	-
	Hartland Point	29.2	-4	NE	2	bc	41	33	8	-	6	-	4	2	3	-	-
	Yeovilton																
	Portland Bill	01.6	-12	NNE	3	bc	41	33	6	5	-	-	4	4	-	20	-
	Exeter	00.2	-6	N	1	mo	33	28	3	5	-	-	1	1	-	-	-
	Plymouth	29.8	-10	NW	1	fg	38	33	5	5	-	-	2	2	-	4	-
	St. Eval	00.2	-14	SE	2	bc	43	35	6	2	6	-	3	2	2	25	-
	Lizard	29.7	0	ESE	2	bc	43	36	8	2	-	-	3	3	-	25	-
	Guernsey	28.8	0	NE'N	2	bc	42	32	8	8	-	-	4	2	4	15	25
	Scilly, St. Marys	29.8	-2	ENE	3	dpr	44	36	8	8	-	-	6	6	-	24	-
6	Fairwood	00.2	0	N	1	c	35	31	7	7	-	-	6	-	6	15	40
	Pembroke	00.2	-4	NE	2	bc	41	39	7	7	-	-	4	2	3	30	57
	Aberporth	00.1	-6	SW	1	c	34	32	8	8	3	-	6	2	5	15	57
7	Holyhead (Valley)	29.6	-6	-	0	c	40	36	8	5	-	-	6	6	-	35	-
	Hawarden	00.6	-2	SE	1	mo	37	33	6	2	-	-	1	-	-	25	-
8	Manchester	29.8	-4	SW	1	f	26	23	5	-	-	1	9	9	-	0	-
	Squires Gate	29.3	-10	-	0	-	39	32	5	-	-	-	0	-	-	-	-
	Carlisle	28.7	-6	N	1	mo	30	28	5	5	-	-	5	0	-	25	-
9	Finningley	28.9	+4	NNW	1	2o	36	29	6	-	-	-	0	0	0	-	-
10	Spurn Head	27.3	-2	WNW	4	mo	37	36	6	5	-	-	4	4	-	-	-
	Leeming	27.5	-14	NNW	2	b	36	30	8	-	7	-	3	3	-	-	-
	Tynemouth	27.8	-4	NW	3	mo	34	29	6	8	-	-	5	5	-	20	-
	Acklington	27.9	-6	WNW	2	cbc	34	29	7	4	-	-	5	5	-	20	-
11	St. Abb's Head	27.0	-4	NNW	2	cf	36	36	7	5	-	-	8	8	-	18	-
	Leuchars	28.8	-10	NNW	2	bc	36	32	6	5	3	1	4	2	4	20	-
	Bell Rock	27.8	-8	NNE	3	cbcjp	40	31	8	5	4	6	5	4	-	15	-
12	Renfrew	29.3	-6	-	0	mb	37	32	6	-	4	-	1	1	-	-	-
	Prestwick	29.2	-8	SE	2	mo	34	27	6	7	-	1	2	1	2	25	40
	Wigtown	29.7	-10	W	1	b'bc	38	24	9	2	4	2	3	2	1	30	-
	Eskdalemuir	28.5	-8	N'W	2	bc	33	30	7	8	3	-	4	4	3	25	-
	Point of Ayre	29.0	-8	NNW	2	bc	42	25	8	-	-	9	4	3	3	20	-
13A	Tiree	01.0	-10	NE	2	bc	39	33	9	3	-	8	4	3	3	20	-
	Benbecula	01.2	-14	NE	2	bc	37	34	9	3	3	5	4	3	1	18	-
13B	Stornoway	01.4	-8	E	1	cbqpr	37	35	8	3	6	-	5	5	3	25	-
15	Cape Wrath	00.3	-10	N	3	bc	39	34	9	3	-	-	4	4	-	25	-
	Dalwhinnie																
	Aberdeen	29.1	-2	NW'N	2	cbc	33	30	7	8	7	3	5	1	3	20	40
	Rattray	27.7	-8	NE	2	cbc	35	34	7	8	-	-	5	5	-	25	-
	Leuchars	00.7	+10	SW	3	cbc	33	33	6	5	-	-	5	5	-	20	-
	Wick	29.7	-12	WSW	2	cbqps	33	31	8	2	6	-	5	4	3	17	-
16	Hatston	29.4	-14	NNE	3	bcjp	38	29	9	2	3	-	4	3	2	20	-
	Lerwick	29.6	-16	W	3	pso	33	32	6	3	-	-	7	4	4	8	15
17	Blackadd Point †	27.8	-14	ESE	1	bc	44	40	8	8	9	-	7	4	4	15	-
18	Malin Head †	00.7	-8	NW	2	phr	39	37	8	8	9	-	5	4	-	25	-
	Aldergrove	00.6	-2	WSW	1	bc	36	32	8	8	-	1	4	3	3	30	40
	Cat Archdale	01.3	-14	SW	2	bjf	33	31	8	2	-	-	1	1	1	25	40
19	Birr Castle †	02.0	-8	N	1	c	28	27	3	-	-	-	9	9	-	0	-
	Collinstown †	01.4	-6	W'N	3	b	35	31	9	8	-	3	9	9	-	40	-
20	Rineanna †	03.3	-4	-	0	-	30	30	9	-	-	-	9	-	-	0	-
	Valentia †	02.0	-2	ENE	2	bbc	38	30	9	1	-	2	9	1	-	25	-
	Roches Point †	01.8	0	NW	3	b	37	35	8	-	4	-	2	-	-	-	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0-9 (28)	Amount. Low. A. 0-9 (29)	Amount. Low. B. 0-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0-9 (33)
1	Kew	29.2	+4	W	1	bf	34	30	2	-	-	-	0	0	0	-	-	3
	Croydon	29.8	+10	-	0	bf	29	28	2	-	-	-	0	0	0	-	-	3
	S. Farnborough	29.9	+10	W'N	1	m	28	27	4	-	-	-	0	0	0	-	-	3
	Boscombe Down	30.5	+6	W	1	m	31	30	6	-	3	-	-	-	-	-	-	3
	Calshot	00.4	+6	NW	1	m	33	32	4	-	-	-	0	0	0	-	-	3
	Tangmere	29.9	+12	-	0	mo	31	30	6	-	-	-	0	0	0	-	-	3
	Lympne	29.5	+10	NW'N	3	bf	31	31	3	-	-	-	0	0	0	-	-	1
	Manston	29.2	+8	W'N	2	bdf	32	32	2	-	3	-	4	4	-	-	-	1
2	Shoeburyness	29.1	+10	W'N	1	m	31	29	4	-	-	-	0	0	0	-	-	0
	Felixstowe	28.7	+10	NW'W	3	mo	35	32	6	-	3	-	-	-	-	-	-	1
	Gorleston	28.0	+16	WNW	3	mo	33	30	6	2	-	-	5	5	-	25	-	3
	Mildenhall	29.1	+6	WSW	2	m	31	30	4	-	-	-	0	0	0	-	-	3
	West Raynham	28.7	+16	WSW	2	m	31	30	4	-	4	-	3	2	2	-	-	3
	Waddington	28.6	+2	SW	2	m	30	30	4	-	-	-	0	0	0	-	-	3
3	Cranfield	29.4	+8	-	0	bf	26	26	2	-	-	-	0	0	0	-	-	3
	Honiley	29.2	+6	SW	2	m	30	29	4	5	-	-	2	2	-	25	-	3
4	Little Rissington	29.3	+4.8	WNW	2	b	32	27	7	-	4	-	2	2	-	-	-	3
	Defford	29.7	+2	-	0	mo	28	27	5	-	-	-	0	0	-	-	-	3
5	Bristol	29.7	-2	-	0	m	32	26	4	-	4	-	1	-	-	-	-	3
	Hartland Point	29.0	0	SE	2	b.bc	38	30	8	2	4	-	3	3	2	-	-	3
	Yeovilton																	0
	Portland Bill	01.7	-4	NE'N	2	bc	36	33	6	2	-	-	4	4	-	10	-	1
	Exeter	00.0	+6	-	0	mo	33	32	6	4	-	-	3	3	-	50	-	3
	Plymouth	29.7	+4	NW	1	f	38	34	7	-	3	-	4	3	-	-	-	0
	St. Eval	00.2	+2	-	0	bc	39	33	7	2	7	-	4	3	4	25	-	1
	Lizard	29.6	+4	-	0	c-bc	39	31	7	5	-	-	5	5	-	20	-	0
	Guernsey	29.4	+6	-	0	b.bc	38	31	8	8	-	-	3	3	3	18	40	1
	Scilly, St. Marys	29.8	+4	WSW	1	cbqpr	41	35	8	8	-	-	5	5	-	-	-	1
6	Fairwood	29.6	+6	NNE	1	c	35	30	6	5	-	-	6	6	-	50	-	3
	Pembroke	00.2	+8	N	3	c	39	39	7	8	-	-	7	7	-	34	-	1
	Aberporth	29.5	0	SSW	3	qpk	35	34	8	8	3	-	5	3	3	15	40	1
7	Holyhead (Valley)	29.1	+6	N	2	b.bc	35	32	8	5	-	-	3	3	-	20	-	1
	Hawarden	29.4	-2	E	1	mo	30	29	6	5	-	-	8	8	-	25	-	3
8	Manchester	28.5	+2	SSE	2	f	29	27	3	1	-	2	5	5	-	-	-	3
	Squires Gate	28.5	0	ESE	1	mo	28	27	5	5	-	-	2	2	-	25	-	3
	Carlisle	28.4	+2	-	0	m	27	24	4	5	-	-	3	3	-	30	-	3
9	Finningley	28.2	+6	W	2	f	31	27	3	-	-	-	0	0	0	-	-	3
10	Spurn Head	27.4	+2	W'N	4	mo	36	35	5	-	-	-	0	0	0	-	-	3
	Leeming	28.7	+10	W	2	b.bc	28	25	8	-	7	-	3	3	0	-	-	5
	Tynemouth	28.1	+8	WNW	3	iso	34	30	4	8	-	-	5	5	-	20	-	7
	Acklington	27.9	+2	NW	2	bdjp	32	31	7	4	-	-	4	4	-	8	-	4
11	St. Abb's Head	27.1	+2	NNW	2	cbc	39	34	7	5	-	-	5	5	-	30	-	4
	Leuchars	28.1	-6	NW	1	b	29	27	7	2	4	-	2	2	1	20	-	4
	Bell Rock	26.4	0	NW'N	4	bc	37	29	8	2	3	-	4	1	-	25	-	5
12	Renfrew	28.7	+6	NNW	1	bf	26	25	3	-	-	-	0	0	0	-	-	3
	Prestwick	28.4	+2	E	1	mo	25	22	5	5	-	-	3	3	-	25	-	3
	Wigtown	29.1	+2.8	-	0	b	25	24	7	-	4	-	1	1	-	-	-	3
	Eskdalemuir	28.7	+4	NW'N	1	b	26	22	7	8	4	-	1	1	1	26	-	5
	Point of Ayre	28.0	-2	N	2	b	39	28	8	2	-	-	2	2	-	20	-	0
13A	Tiree	29.2	-4	-	0	b	33	27	9	2	-	8	7	1	2	25	-	3
	Benbecula	28.6	-12	NE	2	cbc	35	32	9	3	7	2	5	3	3	20	-	3
13B	Stornoway	29.1	-12	-	0	bc	34	33	8	3	-	3	4	4	3	20	-	1
15	Cape Wrath	28.6	0	SW	2	bc	35	32	9	3	-	-	4	4	-	25	-	4
	Dalwhinnie		-8	NW	1	bc	26	22	7	7	-	-	4	4	-	14	-	8 3"
	Aberdeen	27.5	-4	WNW	3	b	32	29	7	2	4	1	2	1	1	20	-	8
	Rattray	26.7	-6	WNW	2	bc	31	29	7	5	-	-	4	4	-	30	-	8
	Leuchars	25.8	-6	WSW	3	bc	33	32	7	8	-	-	4	3	-	20	-	3
	Wick	27.2	-6	W	2	c-bc	28	27	8	2	3	8	5	1	-	25	-	4
16	Hatston	27.7	0	NE	4	qps	38	34	8	3	7	8	7	4	7	17	-	1
	Lerwick	26.7	-12	N'W	3	L	33	30	7	8	-	-	6	6	-	12	-	8
17	Blackadd Point †	00.8	-2	W'S	2	bc	36	32	8	8	-	-	4	4	-	15	-	1
18	Malin Head †	28.8	-6	W	2	cbc	39	37	8	8	-	-	5	5	-	25	-	1
	Aldergrove	29.8	+4	W	1	bc	28	27	7	5	7	2	4	3	3	35	-	3
	Cat Archdale	29.6	-2	-	0	bbc	35	33	8	4	3	1	3	2	1	30	-	3
19	Birr Castle †	00.7	-2	N	1	f	28	28	3	-	-	-	9	9	-	0	-	1
	Collinstown †	00.5	+2	W'S	3	mo	31	29	6	2	-	-	9	2	1	25	-	3
20	Rineanna †	00.1	-2	-	0	cf	28	28	-	-	-	-	9	9	-	0	-	3
	Valentia †	00.4	0	NE'E	2	bbc	33	29	8	1	-	1	9	3	2	25	-	3
	Roches Point †	00.9	0	N	2	mo	35	31	6	-	-	-	0	0	0	-	-	1

OBSERVATIONS during DAY (30th)

District	Stations	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	cfxm	bcmbfx	36	0.9	Tr
	Croydon	cmxcf	cfbf	33	0.0	-
	S. Farnborough	bccfxcm	cm	37	3.0	-
	Boscombe Down	ofxcmbc2o	bcmobmo	37	4.7	-
	Calshot	f	fbcmo	37	2.6	-
	Tangmere	bmobcmo	bcmobmo	40	6.5	-
	Lympne	bcmoxcmo	cmbfx	37	1.5	-
	Manston	cmo	cmo bcf	37	0.4	-
2	Shoeburyness	bcmoxcmo	cmobm	36	1.4	-
	Felixstowe	cmoxcmo	cmobmo	37	1.2	-
	Gorleston	cprobc	cbcc	42	2.9	4
	Mildenhall	fbcmo	cmobcmbm	37	1.9	-
	West Raynham	cmcprbc	cxxbcmob	38	4.2	-
	Waddington	bc2oXzo	bc2obm	36	4.9	-
3	Cranfield	bfofof	ofxbcmofx	33	0.8	-
	Honiley	ofxcmxbf	bfxbcm	35	1.9	-
4	Little Rissington	bcmobc	bcb	36	5.9	-
	Defford	bcfxbmo	b2obcbmo	39	4.2	-
5	Bristol	bcmoxbcmo	bcfbmx	39	5.2	-
	Hartland Point	bc	bc	43	6.0	-
	Yeovilton					
	Portland Bill	bcbc	bcbc	42	*	-
	Exeter	cmobc	bmobcmo	37	4.4	-
	Plymouth	bcmoxbfx	bfxzobcfx	43	5.2	-
	St. Eval	bxbcbmo	cjprobc	43	3.7	Tr
	Lizard	bc	bcyc	44	6.6	-
	Guernsey	bc	b	45	3.8	-
	Scilly, St. Marys	bcpc	bcp	50	4.2	2
6	Fairwood	bcxmoc	cbzocmo	39	4.2	-
	Pembroke	bcprobc	bcprbcpr	43	4.0	Tr
	Aberporth	bccxc	cbccjpcphoc	38	2.0	0.3
7	Holyhead (Valley)	cbccbc	fcirbcbc	42	1.6	1
	Hawarden	bxbmox	bcmoxcnox	43	5.1	-
8	Manchester	bof	ofbcmcf	32	0.0	-
	Squires Gate	moxby2o	bc2omobcbx	40	6.7	-
	Carlisle	bcxmo	cxbcxm	33	*	-
9	Finningley	bcmoxb2o	b2obbf	37	5.1	-
10	Spurn Head	bcmo	bcmobmo	38	5.6	-
	Leeming	bcxcbx	bxb	38	6.0	-
	Tynemouth	bcmocmo	cmocisom	36	*	1
	Acklington	bbc	bccphc	34	2.3	Tr
11	St. Abb's Head	cqmsocq	cqbhcq	40	*	0.1
	Leuchars	cirsosoc	cbc	39	5.1	Tr
	Bell Rock	prsc	cbc	*	*	*
12	Renfrew	bxbcxbmox	bxmobfx	41	4.1	-
	Prestwick	bcmoxb2o	bcb2omox	39	*	-
	Wigtown	bcxlxy	bybbx	39	*	-
	Eskdalemuir	bbcxbc	bcb	35	2.7	-
	Point of Ayre	bbc	bcb	42	6.5	-
13A	Tiree	cbc	bcbx	42	9.6	-
	Benbecula	bcjpbc	bcjpbc	40	*	-
13B	Stornoway	hccproc	cptpbc	40	3.2	1
15	Cape Wrath	cbc	cbc	39	*	Tr
	Dalwhinnie		b	32	1.9	-
	Aberdeen	cphdbcc	cpsobcb	34	0.9	0.5
	Rattray	cphsc	c	41	*	2
	Leuchars	rrsosocrs	cpsc	36	0.4	4
	Wick	ropsh.	bcbc.	35	2.2	3
16	Hatston	bccpsh.bc	cprrsosoc	40	3.7	Tr
	Lerwick	cxcpsh	bcpscpsbcx	36	0.1	4
17	Blackadd Point †	bc	bc	45	*	!
18	Malin Head †	pr	bc	44	1.3	0.2
	Aldergrove	bcxfgbc	bc	39	1.8	-
	Cat Archdale	cxbxbc	bcc	41	6.2	-
19	Birr Castle †	fb	fb	30	0.0	-
	Collinstown †	bf	fbc	38	2.0	-
20	Rineanna †	bc	b.	30	0.0	Tr
	Valentia †			43	6.4	Tr
	Roches Point †			40	*	Tr

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

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

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

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL

Scale 1. : 5,000,000

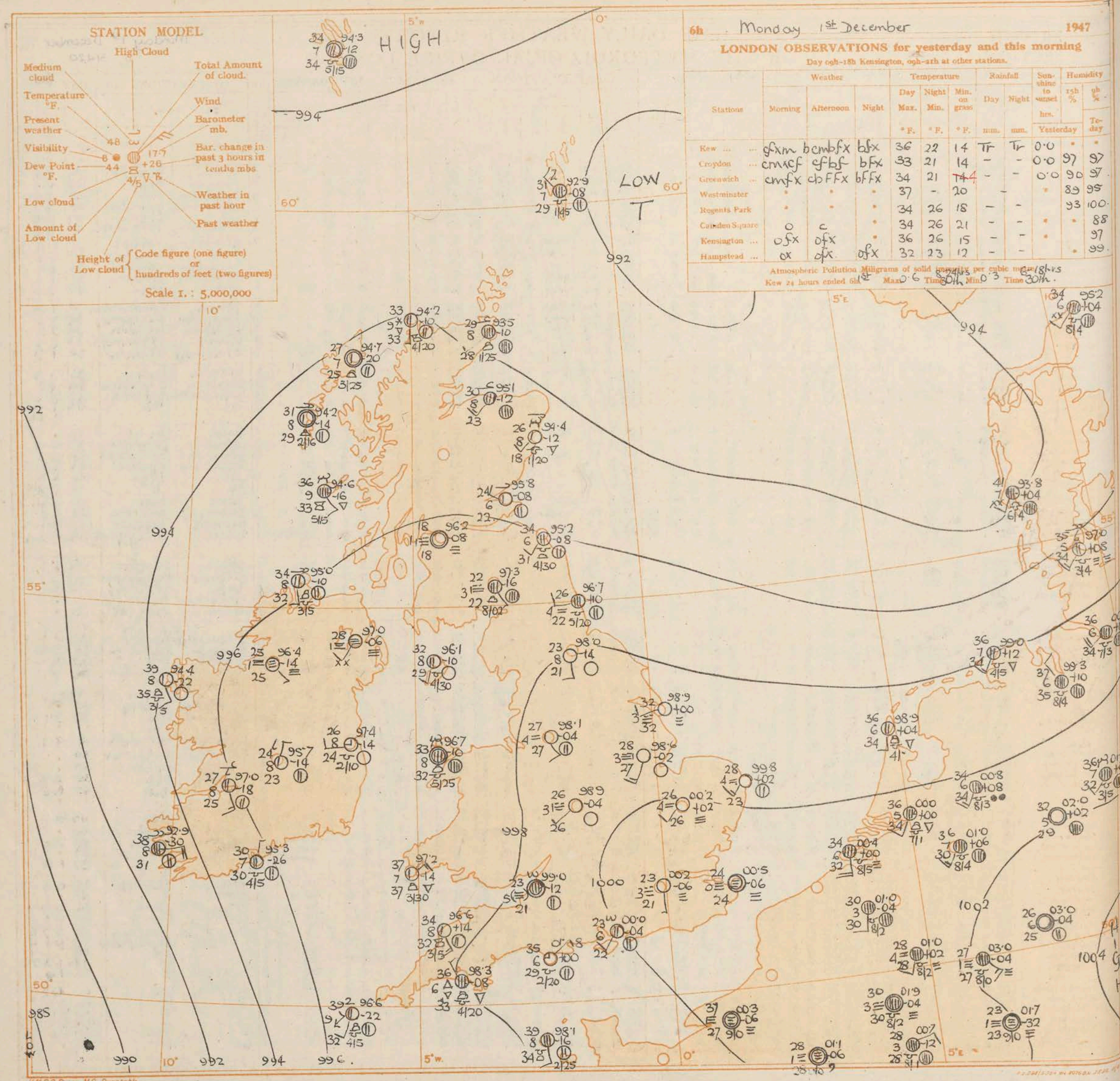
6h . Monday 1st December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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: 09h % (Yesterday)	Humidity: 09h % (To-day)
Kew ...	gfxm	bcmbfx	bfx	36	22	14	Tr	Tr	0·0	*	*	*
Croydon ...	cmxcf	cfbf	bfx	33	21	14	–	–	0·0	97	97	97
Greenwich ...	cmfx	cbFFx	bFFx	34	21	14	–	–	0·0	90	97	97
Westminster	*	*	*	37	–	20	–		*	89	95	
Regents Park	*	*	*	34	26	18	–	–		93	100	
Camden Square	0	c	*	34	26	21	–	–	*	*	88	
Kensington ...	ofx	ofx	*	36	26	15	–	–	*		97	
Hampstead ...	ox	ofx	ofx	32	23	12	–	–		*	99	

Atmospheric Pollution Milligrams of solid impurity per cubic metre/grs
Kew 24 hours ended 6h 1st Max 0·6 Time 8.24hrs Min 0·3 Time 30th.



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

GENERAL INFERENCE

A ridge of high pressure is moving eastwards across the country while a deep depression due west of Ireland at 0600 is moving south-east, two frontal troughs moving eastwards in its circulation. Weather will be fair in most districts but with occasional wintry showers at first in the extreme north and the south west and with widespread frost and fog inland over South Scotland and Central England and East Wales. It will become cloudy in west and southwest districts with sleet or snow later today and tonight.

OUTLOOK

Probably continuing cold in ~~most~~ places

Chart of Weather in the Northern Hemisphere.

Morning of Monday 1st December 1947

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

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

Identification letters, are inserted on fronts and in systems.

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

Monday 1st December 1947 — No. 31420

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16		*	*	*	*	24	*	*	*	*	*	*	*	*	*	
	Croydon	217	00·9	+6	SSW	1	f	27	25	3	–	–	1	3	3	–	–	–
	S. Farnborough	226	01·1	+6	–	0	f	19	19	2	–	–	–	0	0	0	–	–
	Boscombe Down	417	01·0	0	W	1*	f	22	20	3	–	–	–	0	0	0	–	–
	Calshot	8	01·4	+4	NE	1	f	31	31	2	–	–	–	0	0	0	–	–
	Tangmere	53	00·6	+6	–	0	mo	24	24	5	–	–	–	0	0	0	–	–
	Lympne	341	00·7	+6	NNW	2	F	24	23	1	–	–	–	0	0	0	–	–
	Manston	140	00·5	+10	W	1	F	29	29	1	–	–	–	9	–	0	–	–
2	Shoeburyness	11																
	Felixstowe	10	99·7	+6	W'N	3	mo	32	30	5	–	–	–	0	0	0	–	–
	Gorleston	5	99·7	+8	WNW	3	m	30	29	4	5	–	–	3	3	–	05	–
	Mildenhall	15	00·0	+4	SW	2	f	26	26	1	–	–	–	0	0	0	–	–
	West Raynham	250	99·1	+4	SW	2	f	27	27	3	–	4	–	1	1	–	–	–
	Waddington	235	98·9	+2	SW'S	2	m	28	26	4	5	–	–	5	5	–	50	–
3	Cranfield	340	00·5	+2	–	0	m	25	25	4	–	–	1	2	2	–	–	–
	Honiley	427	99·3	−2	SW	2	m	27	27	4	–	3	–	2	2	–	–	–
4	Little Rissington	731	99·8	0	W	2	mo	29	25	6	–	4	–	2	2	–	–	–
	Defford	58	99·9	0	S	2	m	25	25	4	–	8	–	3	3	–	–	–
5	Bristol	209	00·6	+4	–	0	mo	24	22	5	–	–	–	0	0	0	–	–
	Hartland Point	299	99·0	0	W	2	c	40	36	8	8	–	–	7	7	–	–	–
	Yeovilton	50																
	Portland Bill	32	01·8	+2	ENE	2	mo	35	29	6	5	–	–	3	3	–	20	–
	Exeter	100	00·8	+2	NE	1	mo	25	25	5	–	–	–	3	0	0	–	–
	Plymouth	86	00·3	+2	–	0	f	34	29	3	–	5	–	5	5	–	–	–
	St. Eval	345	00·5	+2	–	0	fc	38	35	8	5	–	–	6	3	5	20	40
	Lizard	240	99·3	0	–	0	bc	39	36	7	8	–	–	4	4	–	02	–
	Guernsey	340	00·4	+2	–	0	b-bc	38	31	8	8	–	–	3	3	–	25	–
	Scilly, St. Marys	163	99·7	−4	NW'W	2	bc	40	36	8	8	–	–	4	4	–	–	–
6	Fairwood	268	99·7	−2	NE	1	m	32	30	4	5	–	–	7	7	–	30	–
	Pembroke	142	99·6	0	SE	2	c-bc	38	38	7	2	3	–	5	4	4	25	–
	Aberporth	425	99·4	−4	SSW	3	c-bc	33	32	6	5	–	–	5	5	–	25	–
7	Holyhead (Valley)	32	98·5	−6	ENE	3	bc	33	33	8	8	3	–	4	3	4	25	–
	Hawarden	15	99·7	+2	SE	1	b	29	26	7	3	–	–	1	1	–	–	–
8	Manchester	230	98·5	−4	SSE	2	f	29	28	3	4	–	–	5	5	–	30	–
	Squires Gate	33	98·7	+2	E	1	f	23	23	1	5	–	–	2	2	–	25	–
	Carlisle	100	97·8	−6	–	0	m	29	28	4	5	–	–	6	6	–	25	–
9	Finningley	28	98·3	0	SSW	1	f	28	25	3	5	–	–	5	5	–	30	–
10	Spurn Head	29	98·2	+2	NW	3	mo	34	31	5	8	–	–	8	0	0	–	–
	Leeming	105	98·6	+4	WNW	1	b	28	24	6	–	3	–	1	1	–	–	–
	Tynemouth	108	97·7	−4	W	3	mo	30	29	6	2	–	–	3	3	–	20	–
	Acklington	138	98·1	0	W	3	b	29	27	7	5	–	–	4	4	–	20	–
11	St. Abb's Head	280	96·2	−4	SW'W	2	mo	34	34	5	2	–	–	0	0	–	30	–
	Leuchars	31	97·4	0	–	0	b	26	25	7	–	–	–	4	4	–	–	–
	Bell Rock	—	96·5	−4	W'N	4	b	36	29	8	–	–	1	0	0	–	–	–
12	Renfrew	35	97·9	−6	–	0	f	22	21	2	–	–	–	0	0	0	–	–
	Prestwick	30	97·5	−6	ESE	2	mo	22	21	6	–	–	–	0	0	0	–	–
	Wigtown	19	98·7	−2	–	0	b	19	19	7	2	–	–	2	2	–	25	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	97·9	−4	–	0	b	25	21	8	2	–	–	1	1	–	30	–
13A	Tiree	44	97·1	−14	WSW	1	bc	34	31	9	3	–	3	4	4	1	20	–
	Benbecula	27	96·7	−10	SSW	2	bc	31	28	9	2	–	2	4	3	3	20	–
13B	Stornoway	12	97·4	−10	–	0	b	28	28	7	2	–	–	2	2	–	25	–
	Cape Wrath	307	96·1	−16	SW	2	bc	35	32	9	2	–	–	4	4	–	25	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						29										
	Rattray	46	95·8	−10	WNW	3	bc	31	30	7	6	–	–	4	4	–	30	–
	Lossiemouth	21	97·1	−12	SW	2	c-bc	29	26	8	2	1	–	5	1	3	25	–
	Wick	114	95·4	−14	WSW	1	c	28	27	8	2	3	–	7	1	3	31	–
16	Hatston	45	95·4	−10	WNW	3	c	35	32	9	2	3	2	6	2	4	18	–
	Lerwick	269	94·6	−10	NE	1	c-bc	29	28	7	8	–	3	5	5	3	12	–
17	Blacksod Point †	18	98·4	−12	S'E	1	b	40	36	8	8	–	–	2	2	–	25	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	98·5	−6	SE	2	f	31	29	2	–	–	–	9	9	–	0	–
	Cas. Archdale	225	98·7	−4	SE	2	mo	28	28	6	–	–	–	0	0	0	–	–
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Coilinstown	220	99·6	−6	W'S	3	f	28	28	2	–	–	–	0	0	0	–	–
20	Rineanna †	13	00·5	−10	SE'E	3	F	26	26	1	–	–	–	9	9	0	–	0
	Valentia †	30	98·5	−14	NE	2	b-bc	30	30	8	4	–	2	3	1	–	25	–
	Roches Point †	22	99·8	−10	N	2	m	31	31	4	–	–	–	0	0	0	–	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0–9 (33)
00·0	−2	–	0	F	24	23	0	–	–	–	9	9	–	0	–	3
00·2	−6	S	1	bf	23	21	3	–	–	–	0	0	0	–	–	3
00·1	−2	SSE	1	bf	17	15	3	–	–	–	0	0	0	–	–	3
00·8	−6	ENE	2	bf	20	19	3	–	–	–	0	0	0	–	–	3
00·6	−6	–	0	b/f	28	28	5	–	–	–	0	0	0	–	–	0
00·0	−4	SW	2	mo	23	22	6	–	3	–	4	4	–	–	–	3
00·4	−6	–	0	bjf	21	19	7	–	–	–	0	0	0	–	–	3
00·5	−6	–	0	F	24	24	0	–	–	–	9	9	–	0	–	3
00·1	0	–	0	F	23	23	0	–	–	–	9	9	–	0	–	3
00·0	−2	W'N	2	m	27	26	4	–	–	–	0	0	0	–	–	3
99·8	+2	WSW	3	m	28	23	4	–	–	–	0	0	0	–	–	3
00·2	+2	SW	2	m	26	26	4	–	–	–	0	0	0	–	–	3
99·1	−2	SSW	3	bbf	26	25	3	5	–	–	3	3	–	50	–	3
98·6	−2	SSW	3	bf	28	27	3	–	–	–	0	0	0	–	–	3
99·8	−2	WSW	1	m	23	23	4	–	–	–	0	0	0	–	–	3
98·9	−4	SW	1	bf	26	26	3	–	–	–	0	0	0	–	–	3
98·9	−10	WSW	3	mo	27	24	5	–	–	–	0	0	0	–	–	3
99·2	−6	–	0	m	20	20	4	–	–	–	0	0	0	–	–	3
99·0	−12	–	0	cjf	23	21	5	–	3	–	6	6	–	–	–	3
96·6	+14	SE	3	bbc	39	32	8	2	–	–	3	2	–	25	–	1
98·8	−4	–	0	mo	19	–	6	–	–	1	1	1	–	–	–	3
01·8	0	ENE	1	mo	35	29	6	5	–	–	2	2	–	30	–	1
98·9	−10	NE	1	mo	25	25	5	5	–	–	6	6	–	30	–	3
98·3	−8	NNW	1	phr	36	33	6	8	–	–	6	4	6	20	–	4
98·5	−14	SE	2	bc	36	34	8	–	–	5	4	4	–	–	–	1
97·1	−2	ESE	2	ch/pr	39	36	7	8	–	–	5	5	–	20	–	4
98·1	−16	SW	2	cbc	39	34	8	7	–	–	5	2	4	25	40	1
96·6	−22	SW	2	c	39	32	9	8	–	5	4	4	3	25	–	1
97·5	−14	–	0	m	32	31	4	5	–	–	4	1	4	20	25	1
97·2	−14	ENE	3	bbc	37	37	7	2	–	–	3	3	–	30	–	4
97·4	−16	SSW	3	b	31	29	8	–	–	1	1	1	–	–	–	3
96·7	−10	–	0	cbc	33	32	8	8	6	–	3	5	4	25	–	3
99·2	−4	SSE	1	b	23	22	7	–	–	–	0	0	0	–	–	3
98·1	−4	SSE	2	m	27	27	4	–	–	–	0	0	0	–	–	3
98·0	−4	E	3	F+	24	24	1	–	–	–	9	8	2	–	0	–
96·7	−6	–	0	mo	22	20	5	5	–	–	2	2	–	25	–	3
97·9	−2	–	0	bf	22	20	2	–	–	–	0	0	0	–	–	3
98·9	0	WSW	2	bf	32	32	3	–	–	–	0	0	0	–	–	8
98·0	−14	S	2	b	23	21	5	–	–	–	0	0	0	–	–	5
96·7	−10	W	2	m	26	22	4	5	–	–	5	5	–	20	–	4
96·6	−10	WNW	2	b	24	21	8	–	–	–	0	0	0	–	–	4
95·2	−8	SW'W	2	mo	34	31	6	7	–	–	4	4	–	30	–	4
95·8	−8	WNW	2	mo	29	22	7	–	–	1	3	2	–	15	–	5
95·8	−8	W	4	bc	35	26	9	4	–	–	8	1	0	–	–	4
96·2	−8	–	0	bF+	18	18	1	–	–	–	0	0	0	–	–	3
95·6	−12	ESE	2	bbc	25	24	8	8	–	–	3	2	3	25	40	4
96·9	−10	WSW	1	bbc	19	19	7	2	3	–	3	2	3	20	–	4
97·3	−16	SE	1	cf+	22	22	3	2	–	–	8	8	–	2	–	6
96·1	−10	SSW	2	bc	32	29	8	5	–	–	9	9	–	30	–	3
94·6	−16	SSE	2	c	36	33	9	3	6	–	6	5	3	15	–	1
94·2	−14	–	0	bbc	31	29	9	2	–	2	3	2	1	16	–	3
94·7	−20	–	0	bbc	27	25	7	2	–	–	3	3	–	25	–	5
94·2	−10	S	1	pso	32	33	9	2	–	–	9	4	–	20	–	4 8 3″
94·4	−12	SW	2	bbc	26	18	8	4	6	3	3	1	1	20	–	8
94·6	−10	W	2	c	30	29	7	8	–	–	7	7	–	25	–	
95·1	−12	WSW	3	cbc	30	23	8	–	–	8	5	5	1	7	25	4
93·5	−10	WSW	1	c	23	23	8	2	–	8	7	1	2	25	–	4
93·5	−8	W	3	bbc	34	31	9	2	4	–	3	2	2	18	–	3
92·9	−8	NNW	2	c	31	29	7	5	–	6	6	1	6	45	–	8
94·4	−22	SSE	2	bbc	35	35	8	8	–	–	4	2	–	25	–	3
95·0	−10	S	1	Lc	34	32	8	8	–	–	2	1	–	25	–	1
97·0	−16	SW'W	2	F	28	–	1	–	–	–	9	9	–	0	–	3
96·9	−14	SE	1	F	25	25	1	–	–	–	9	8	–	0	–	3
95·7	−14	N	1	bbc	24	23	8	–	4	–	3	2	–	10	–	3
97·4	−14	W	2	b	26	24	8	5	–	–	4	2	–	–	–	3
97·0	−18	ESE	3	bc	27	25	8	–	–	5	4	0	–	–	–	3
92·9	−30	E	4	c	38	31	5	–	–	2	6	0	–	–	–	3
95·3	−26	N	1	bc	30	30	7	5	–	–	4	4	–	25	–	5

OBSERVATIONS Sunday NIGHT

Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (42)	Temperature 21h.–09h. Min. on Grass °F. (43)	Rain mm. (43)
bfFx	oFx	22	14	Tr
bFx	bFx	21	14	–
bfx	bfx	14	6	–
bmoxfx	bfxFx	15	8	Tr
bmocfbfx	bfoFbx	26	24	Tr
bmox	bmoxcox	21 19		–
oFoFx	bFbfb	21	17	–
bcoF	oFbFoFx Fx	18 25	18 15	– Tr
bmox	bmox	23	13	Tr
bcxm	bcmx bmx	27	x	Tr
bmxFx	bFxbmx	23	15	–
bmxbffx	bcffxcffbfx	24	19	–
mbxbcxcmxbmxbcmx		26	21	–
bfbbcmx	bmx	21	16	–
bmxbcbmbmcmfgbfx		20	14	–
bmobcmo	bmo bcmxbmx	25	19	–
bmobcmx	bcmxbmx	18	9	–
bmfmx	bbcmofx	20	14	Tr
bcc	prlbc bcmo	33 14	32 10	– –
bcmo	bcmo	33	*	–
bcmobmox	bmoxFomx	21	11	*
02xbcfbcfcxcfxbcmpm		31	23	1
bcc	ccprbcx	35	28	0·5
cirobc	cpr	37	*	10
bc	bc	32	28	–
bc	xlbc	38	*	2
cmoxcm	cirbmbcm	31	22	1
cirobc	bcphrbc	35	*	8
cbccprbcx	cbcbx	31	25	–
bc	bbephc	29	24	Tr
cmozbemoz	bx	20	14	–
bcfcf	bcmsm	22	15	–
bmomffb	bFFFx	19	15	–
bcmxcmx	bmxbmox	21	16	–
bfcfx	omolf	20	13	–
bmo	cfxbfx	30	*	–
bbccb	bx	20	17	–
cmisbcm	bcmocm	25	21	–
b	b	22	15	–
bbcmo	bc	24	*	2
bc	bbc	23	18	–
bc	bc	*	*	*
bFx	bffx	17	17	–
bmox	bmobcx	21	18	Tr
bx	bxbcx	16	13	0·2
bbcx	bccx	15	10	–
bbx	bxbcx	24	*	–
bbccpsm	cpsbc	23	14	1
cphsbc	cpisc	*	*	*
bcc	cbcc	24	20	–
c	co	25	20	Tr
c	cbcjpb	32	28	–
bccpsx	cxcbxcx	28	17	0·5
b	bbc bc	33 32	*	– –
bfgbcmofx	fxFx	25	10	Tr
cx	bxfx	23	17	–
bf	bc b	19 23	13 19	– Tr
bc	bcc	24	23	0·1
bm	bc	29	*	Tr

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

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

Tuesday 2nd December 1947 — No. 31421

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. Low. A. (15)	Height of Base Hundreds of feet. Low. B. (16)
1	Kew	99·5	-8	-	0	F	27	26	0	-	-	-	-	-	-	-	-
	Croydon	99·3	-10	-	0	fjf	36	28	4	-	4	-	3	3	-	1	-
	S. Farnborough	99·1	-10	ESE	1	m	34	27	4	-	-	-	0	0	-	-	-
	Boscombe Down	99·4	-8	NE'E	3	mb	33	28	5	-	3	6	4	1	4	-	-
	Calshot	98·9	-12	W'N	3	2o	39	31	5	8	-	9	5	5	4	20	-
	Tangmere	98·3	-14	-	0	2o	38	31	5	5	-	-	6	6	-	30	-
	Lympne	00·1	-2	E'S	3	mo	34	29	6	2	-	-	4	4	-	12	-
	Manston	00·1	-8	-	0	2o	40	30	5	2	-	-	1	1	-	20	-
2	Shoeburyness	00·1	-2	-	0	F	28	28	0	-	-	-	9	9	-	0	-
	Felixstowe	00·4	-2	NW'N	1	bf	28	27	1	-	-	-	0	0	0	-	-
	Gorleston	99·8	-4	SW	3	2o	37	29	5	-	-	-	0	0	0	-	-
	Mildenhall	99·9	-6	-	0	mo	38	32	5	-	4	-	1	1	-	-	-
	West Raynham	99·2	-2	SSW	3	2o	34	26	5	-	-	-	0	0	0	-	-
	Waddington	98·6	-6	SSW	1	m	37	20	4	-	-	-	-	-	-	-	-
3	Cranfield	99·2	-6	SE	2	b	35	26	7	-	-	-	1	1	-	-	-
	Honiley	98·2	-10	SE	3	mo	33	29	5	-	3	-	5	4	-	-	-
4	Little Rissington	98·2	-10	SSE	3	mo	33	27	6	-	4	-	3	3	-	-	-
	Defford	98·5	-6	-	0	m	32	28	4	-	3	-	2	2	-	-	-
5	Bristol	97·5	-14	SE	2	2o	36	29	6	6	-	6	5	4	5	35	-
	Hartland Point	94·3	-18	SE	3	cbc	41	35	8	2	4	6	5	2	2	-	-
	Yeovilton	97·0	-16	SE	3	mo	37	32	6	-	7	8	4	4	4	-	-
	Portland Bill	00·7	-2	ESE	4	c	44	39	6	2	-	-	6	6	0	10	-
	Exeter	96·3	-20	-	0	cjf	36	35	6	8	-	6	6	-	2	30	25
	Plymouth	95·8	-14	-	0	pc	40	37	4	3	-	1	6	6	-	5	-
	St. Eval	94·9	-24	SE	3	c	42	38	8	8	-	-	8	8	-	30	-
	Lizard	94·0	-20	S	4	c	45	35	7	8	2	-	6	4	4	20	40
	Guernsey	97·5	-10	SSE	5	bbc	43	36	8	8	3	2	5	4	4	15	25
	Scilly, St. Marys	91·8	-28	SE	5	c	46	34	8	8	-	-	8	8	-	20	-
6	Fairwood	95·8	-18	ESE	4	mo	38	33	6	2	-	-	5	3	4	12	-
	Pembroke	94·7	-28	SSE	5	cbc	43	36	8	2	4	-	4	3	-	35	-
	Aberporth	95·5	-14	S	4	cbc	35	32	7	2	7	6	5	1	1	25	-
7	Holyhead (Valley)	95·5	-12	SE	3	bbc	40	36	8	8	6	-	3	3	-	25	-
	Hawarden	97·3	-16	SE	2	mo	35	30	5	5	-	-	3	3	-	54	-
8	Manchester	97·6	-6	SSE	1	2o	38	21	5	-	4	-	1	-	-	-	-
	Squires Gate	97·0	-10	E	3	bf	31	29	3	3	-	3	-	-	-	-	-
	Carlisle	96·2	-6	SE	2	mo	34	27	5	8	-	-	3	3	-	30	-
9	Finningley	98·0	-2	SSW	1	bf	32	26	2	-	-	-	0	0	0	-	-
10	Spurn Head	98·6	-4	SW	2	m	37	34	4	-	-	-	0	0	0	-	-
	Leeming	97·5	-6	SE	1	m	29	25	4	-	-	-	0	0	0	-	-
	Tynemouth	97·0	-4	W	2	bcf	31	26	2	5	-	-	4	4	-	15	-
	Acklington	97·0	-4	WNW	2	b	33	27	7	-	-	-	0	0	0	-	-
11	St. Abb's Head	95·8	0	SW'W	3	bbc	29	29	6	5	-	-	3	3	-	20	-
	Leuchars	95·8	+4	WSW	1	mo	34	31	6	-	4	-	2	2	-	-	-
	Bell Rock	95·0	0	W	4	b	35	26	8	2	-	-	2	1	-	25	-
12	Renfrew	95·8	-6	-	0	F	21	20	1	-	-	-	9	9	-	0	-
	Prestwick	95·1	-6	SE	3	bbc	38	30	8	3	-	3	3	3	2	25	40
	Wigtown	96·3	-6	-	0	mo	33	29	6	3	6	-	3	3	1	25	-
	Eskdalemuir	96·4	-2	-	0	c	29	28	7	5	-	-	8	6	2	3	15
	Point of Ayre	95·4	-2	SSW	2	bbc	44	29	8	3	-	-	3	3	-	20	-
13A	Tiree	93·7	-6	-	0	dph	38	36	8	3	7	3	6	5	1	15	-
13B	Benbecula	93·2	-6	ESE	1	c	40	38	8	3	6	2	5	4	3	17	-
	Stornoway	93·6	-6	-	0	bbc	33	31	7	3	3	-	3	3	1	25	-
15	Cape Wrath	93·8	-2	S	1	bc	36	30	9	3	-	-	4	4	2	30	-
	Dalwhinnie																
	Aberdeen	94·8	0	NW'W	1	m	28	20	4	3	6	3	1	1	1	20	-
	Rattray	93·4	+6	W	2	bc	28	27	8	-	-	-	4	4	-	30	-
	Lossiemouth	95·3	-4	SSW	3	bc	29	26	8	-	6	3	4	2	4	-	-
	Wick	93·4	-2	WSW	2	bc	30	27	9	3	3	-	4	2	2	21	-
16	Hatston	93·2	-6	W	3	cbcjp	35	32	9	3	-	-	5	4	4	20	-
	Lerwick	91·4	-14	NNW	4	rs	34	32	6	5	-	-	8	4	6	16	25
17	Blacksod Point †	92·6	-6	SE	3	bc	41	33	8	8	-	-	4	3	-	25	-
18	Malin Head *	93·9	-4	S	2	bbc	37	26	8	8	-	-	6	3	-	25	-
	Aldergrove	95·1	-12	-	0	b	33	29	7	-	-	-	0	0	0	-	-
	Cas Archdale	94·4	-10	-	0	mo	28	27	6	5	3	-	2	2	1	25	-
19	Birr Castle †	92·6	-22	S	1	cbc	37	29	8	-	-	5	5	-	-	-	-
	Collinstown †	94·9	-18	NNE	2	b	34	32	7	8	-	-	2	1	-	25	-
20	Rineanna †	92·6	-24	E'S	4	cbc	36	28	7	-	4	-	5	2	-	-	-
	Valentia †	87·3	-34	E'S	5	c	43	32	9	-	-	-	2	1	-	25	-
	Roches Point †	89·3	-34	SE	5	c	46	38	8	3	-	5	6	4	-	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. Low. A. (31)	Height of Base Hundreds of feet. Low. B. (32)
1	Kew	97·5	-6	E'N	2	fj	31	31	6	-	-	-	6	3	-	0	-
	Croydon	97·5	-6	E	1	m	34	31	4	5	-	-	8	8	-	16	-
	S. Farnborough	97·0	-10	E'S	3	bcf	33	30	5	5	-	-	4	4	-	20	-
	Boscombe Down	97·2	0	ENE	4	bbcfr	31	30	6	-	-	5	3	2	3	-	-
	Calshot	97·1	-4	SE	5	bbc	42	36	7	4	-	-	3	2	2	25	-
	Tangmere	96·8	-6	SE	3	m	35	34	4	2	3	-	4	4	2	25	-
	Lympne	98·4	-2	E'N	3	mo	34	32	5	5	-	-	4	4	-	10	-
	Manston	98·5	-6	SE'E	3	mo	35	34	5	5	-	-	4	4	-	12	-
2	Shoeburyness	98·5	+4	-	0	F	30	29	1	-	-	-	9	9	-	0	-
	Felixstowe	98·8	-2	N'E	1	bff	31	29	5	-	-	-	0	0	0	-	-
	Gorleston	99·7	0	SW	1	mo	34	28	6	-	-	-	0	0	0	-	-
	Mildenhall	99·1	-4	SSW	1	m	29	28	4	-	4	-	1	1	-	-	-
	West Raynham	98·7	+2	SSE	3	mo	31	28	5	-	-	-	0	0	0	-	-
	Waddington	98·9	+14	SE	2	f	27	19	2	-	-	-	0	0	0	-	-
3	Cranfield	97·6	-6	E'S	3	bcf	30	25	3	-	7	6	4	3	4	-	-
	Honiley	97·1	-2	E	3	m	29	26	4	-	4	6	4	-	4	-	-
4	Little Rissington	96·4	-6	ESE	3	2o	32	23	5	5	7	-	8	5	8	14	-
	Defford	96·5	-4	ENE	3	mo	33	25	6	-	-	8	2	2	-	-	-
5	Bristol	95·0	-6	ESE	2	mo	35	31	5	5	-	-	8	8	-	3	-
	Hartland Point	90·6	-14	SE	4	c	39	36	7	8	2	-	8	4	4	-	-
	Yeovilton	93·8	-8	ESE	2	mo	37	35	6	-	7	-	8	8	4	-	-
	Portland Bill	96·0	-10	SSE	4	bc	45	38	7	5	-	-	4	4	-	20	-
	Exeter	92·7	-12	SE'S	4	c	42	34	7	8	7	-	6	3	4	15	-
	Plymouth	91·2	-16	SE	4	2o	46	32	6	2	7	-	8	4	8	12	-
	St. Eval	90·1	-12	SSE	3	c	43	33	7	5	7	-	8	2	-	20	40
	Lizard	88·3	-18	SE	6	c	45	38	7	8	7	-	8	5	3	15	40
	Guernsey	93·6	-16	SSE	4	bc	39	35	8	2	7	2	4	4	4	20	-
	Scilly, St. Marys	85·5	-18	SE	6	rr	42	40	7	5	-	-	8	8	-	15	-
6	Fairwood	92·8	-8	ESE	4	pro	37	35	5	8	-	-	8	3	8	25	40
	Pembroke	91·3	-6	SE	6	6ro	43	43	6	6	-	-	8	8	-	22	-
	Aberporth	92·8	-8	SSE	4	c	37	29	7	-	7	7	6	4	6	90	-
7	Holyhead (Valley)	94·2	-2	ENE	3	bc	33	31	7	4	-	8	4	2	4	25	-
	Hawarden	97·1	-2	SE	2	blf	31	29	4	-	-	-	0	0	0	-	-
8	Manchester	96·2	-2	SSE	2	m	35	25	4	-	-	-	0	0	0	-	-
	Squires Gate	96·2	0	ESE	3	m	28	26	4	-	-	-	0	0	0	-	-
	Carlisle	95·9	+4	NE	1	mo	28	25	5	-	-	-	0	0	0	-	-
9	Finningley	97·7	+6	SE	1	bf	27	26	3	-	-	-	0	0	0	-	-
10	Spurn Head	98·5	+2	S	3	m	35	34	4	-	-	-	0	0	0	-	-
	Leeming	97·8	+4	SSE	1	f	23	23	0	-	-	-	9	9	-	0	-
	Tynemouth	97·1	+2	W	2	bcf	31	27	2	5	-	-	4	4	-	15	-
	Acklington	97·0	+4	W	2	b	25	23	7	-	-	-	0	0	0	-	-
11	St. Abb's Head	95·4	+4	SWW	3	mo	30	30	5	2	-	-	2	2	-	40	-
	Leuchars	96·0	+6	WSW	1	mo	28	27	5	-	-	-	0	0	0	-	-
	Bell Rock	95·4	+2	W	3	b	37	32	7	-	-	-	0	0	0	-	-
12	Renfrew	96·0	+6	-	0	b-bcf	23	23	2	-	-	-	0	0	0	-	-
	Prestwick	95·4	+8	ESE	3	mo	30	27	6	5	-	-	2	2	-	25	-
	Wigtown	95·7	+4	ESE	3	mo	36	32	6	2	6	-	5	4	5	20	-
	Eskdalemuir	97·0	+6	-	0	bbc	22	20	7	5	-	-	3	3	-	21	-
	Point of Ayre	94·1	-2	SE'S	4	cbc	41	37	7	5	-	-	5	5	-	20	-
13A	Tiree	93·6	+2	SW	3	bbc	40	29	8	7	-	-	3	1	3	20	40
13B	Benbecula	93·0	+2	ESE	1	bbc	34	32	8	3	6	3	3	2	2	18	-
	Stornoway	94·0	0	-	0	bc	27	22	7	3	-	6	4	3	3	25	-
15	Dalwhinnie	94·0	-4	WSW	2	bc	34	29	9	2	-	-	4	4	-	30	-
		96·0	+8	SW	1	bbc			7	1	-	-	3	3	-	14	-
	Aberdeen	95·5	+8	WSW	1	m	25	19	4	6	4	3	1	1	1	20	40
	Rattray	93·9	-8	W	2	bc	22	18	7	-	-	-	4	4	-	30	-
	Lossiemouth	94·7	-2	S	2	b	23	23	8	-	-	-	0	0	0	-	-
	Wick	93·7	+2	WSW	2	b	26	25	9	3	4	-	1	1	-	25	-
16	Hatston	93·2	+6	WSW	3	bbcjp	35	32	8	3	-	3	3	3	-	18	-
	Lerwick	88·8	-6	NNW	3	cbc	37	34	8	9	-	-	5	2	4	9	15
17	Blacksod Point †	91·1	+2	SE	4	b	38	30	8	5	-	-	1	1	-	40	-
18	Malin Head *	93·5	+6	S	1	b-bc	33	25	8	-	-	-	0	0	0	-	-
	Aldergrove	93·7	-2	E	3	mo	28	27	5	5	-	-	3	3	-	15	-
	Cas Archdale	92·9	-2	-	0	bbc	28	27	7	5	-	6	8	3	3	-	-
19	Birr Castle †	90·5	-8	SSE	1	b	33	29	8	-	-	-	0	0	0	-	-
	Collinstown †	92·8	-2	ESE	1	c	35	31	7	8	3	6	6	4	-	25	-
20	Rineanna †	89·8	-2	ENE	3	bc	37	33	8	5	3	2	4	3	-	35	-
	Valentia †	84·6	-4	NEE	3	rbfg	43	25	8	1	2	-	7	5	-	23	-
	Roches Point †	86·4	-10	SE	6	rbfg	44	42	7	6	2	-	8	4	-	8	-

OBSERVATIONS during DAY (1st)

District	Stations	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	0fx	0fgfx	33	0·0	Tr
	Croydon	bmx	mx2oycm.	42	4·3	-
	S. Farnborough	bfxm	cfxbcfx	37	2·3	Tr
	Boscombe Down	bfxm	bcz0cmo1o	35	2·2	0·4
	Calshot	bcmoxcmo	cmojo	44	1·7	-
	Tangmere	bcmoxcmo	cmobcm.	39	1·3	0·2
	Lympne	bxbcmo	bcmobc	37	2·3	-
	Manston	Fbmo	bbcmo	42	1·4	-
2	Shoeburyness	Fx	fx	31	0·0	0·1
	Felixstowe	bmxofexbfx	bfxbmox	36	0·9	-
	Gorleston	bxzbz	bz	39	4·7	0·2
	Mildenhall	bmox	b2obmobmx	41	1·9	-
	West Raynham	bcfxbmx	bcxbmo	37	5·0	-
	Waddington	bfxbmz	p2omff	38	6·1	-
3	Cranfield	bmxbfgxb	bbcz0bcf	37	6·2	-
	Honiley	bfxbcmo	bcz0m	35	4·5	-
4	Little Rissington	pxbc	bcz0cmo	36	4·4	-
	Defford	bmxbcmxbm	bmcz0bmo	37	1·6	-
5	Bristol	cmojfxbcc2o	c	36	1·5	0·1
	Hartland Point	bcc	cpre	41	1·7	0·1
	Yeovilton	bcmo	c			
	Portland Bill	bac	cbc	47	*	-
	Exeter	cprojfmo	ccrsc	42	1·4	1
	Plymouth	cphrot	cphrsz0y	46	0·3	12
	St. Eval	bcxcxc	c	44	1·4	-
	Lizard	cphrc	cq	46	0·5	0·3
	Guernsey	c	cbc	44	3·6	-
	Scilly, St. Marys	c	crr	46	0·0	6
6	Fairwood	cprcmobc	c2ocprmo	39	0·2	1
	Pembroke	bcphbc	cgirscgmir6	45	0·3	2
	Aberporth	bbcxc	c	37	2·4	0·2
7	Holyhead (Valley)	cbcjpbc	bec	41	4·4	
	Hawarden	bxbcmox	bcmoxbfxbm	39	4·5	-
8	Manchester	bmbz	b2oybc	39	0·0	-
	Squires Gate	Fbcfbfx	bfmx	34	4·1	-
	Carlisle	bcmoxbcx	bcmxbmx	36	*	-
9	Finningley	bcfxbf	bf	32	0·0	-
10	Spurn Head	bm	bm	39	5·5	-
	Leeming	bbmox	bmoxof	30	5·0	-
	Tynemouth	bcff	bcff	35	*	-
	Acklington	b	b	36	5·0	-
11	St. Abb's Head	bc	bbmo	33	*	-
	Leuchars	bcmobmo	bmo	34	5·9	-
	Bell Rock	bc	bcb	*	*	-
12	Renfrew	bFxofx	bcffx	28	0·0	-
	Prestwick	bbcbcpso	bbcmox	39	*	Tr
	Wigtown	cpholbmo	bbccmo	37	*	-
	Eskdalemuir	conifcx	cbcpsob	30	0·0	-
	Point of Ayre	bcxb	bcjpc	45	3·7	-
13A	Tiree	cxcphrc	cphrcb	41	0·6	7
13B	Benbecula	bxibc	cbx	41	0·0	-
	Stornoway	b	bbc	36	0·0	-
15	Dalwhinnie	bc	bc	40	*	-
			b		0·0	
	Aberdeen	bcb2	b2	32	5·5	-
	Rattray	bcbc	bcbc	37	*	-
	Lossiemouth	cbc	bcb.	35	5·5	-
	Wick	cbc	bcb	34	4·0	-
16	Hatston	bbcpjp	cpsoprabc	38	1·6	Tr
	Lerwick	prsoirs	clrsoc.	38	0·0	5
17	Blacksod Point †	bc	b	41	*	-
18	Malin Head *	b	bc	38	6·4	-
	Aldergrove	fxbxbmo	bbcjpbm	35	4·7	-
	Cas Archdale	fxbx	bx	33	2·9	-
19	Birr Castle †	c	b	38	2·7	-
	Collinstown †	c	c	39	6·0	-
20	Rineanna †	c	r	39	2·9	-
	Valentia †	c	r	44	0·5	Tr
	Roches Point †	c	r	48	*	3

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

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

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

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL

Scale 1. : 5,000,000

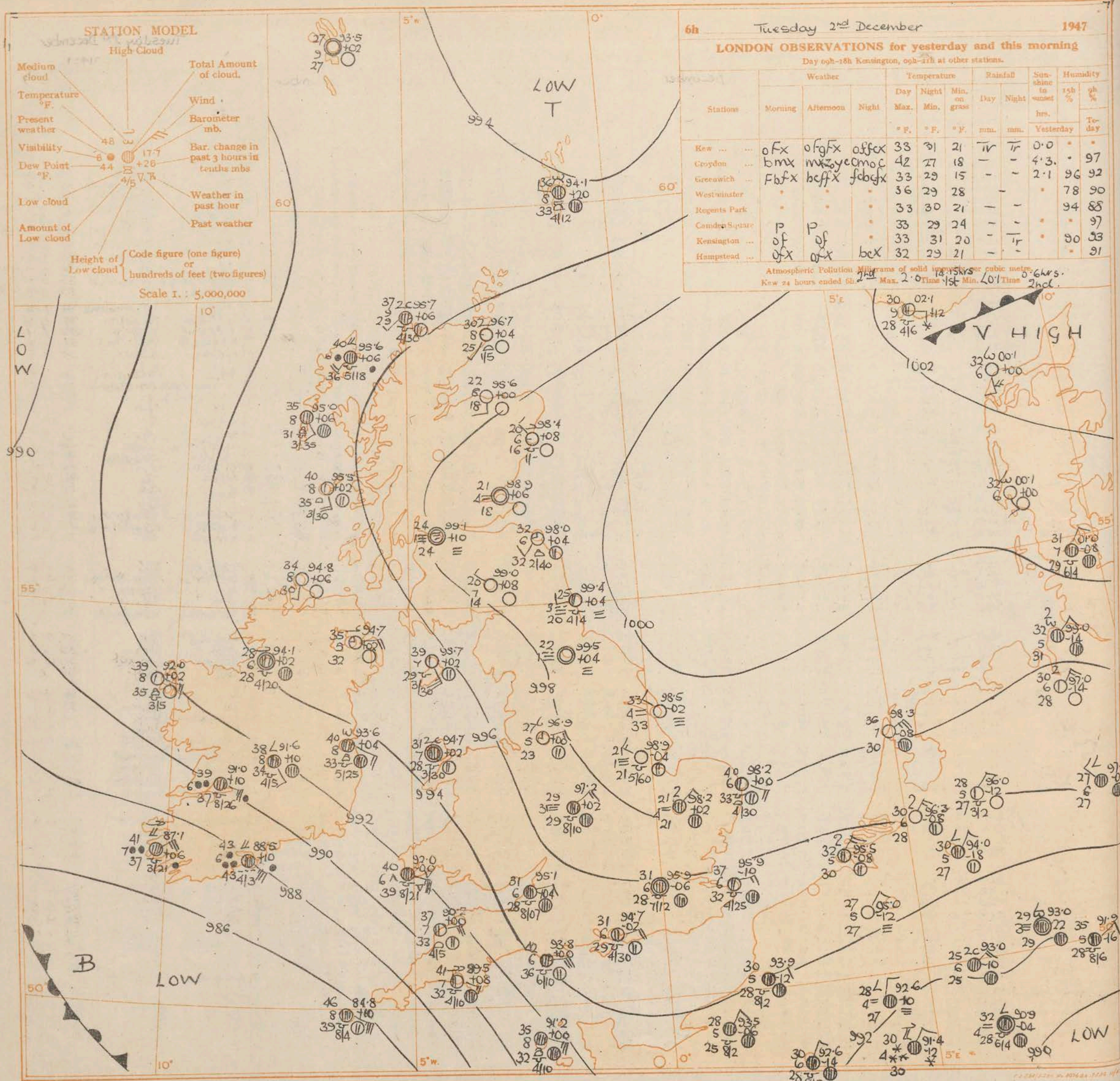
6h Tuesday 2nd December **1947**

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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	oFx	ofgFx	offcx	33	31	21	Tr	Tr	0·0	•	•
Croydon ...	bmx	mkzoyccmoc		42	27	18	—	–	4·3.	•	97
Greenwich ...	Fbfx	bcffx	fcbcfx	33	29	15	–	–	2·1	96	92
Westminster	•	•	•	36	29	28		–	•	78	90
Regents Park	•	•	•	33	30	21	—	–		94	88
Camden Square	p	p	•	33	29	24	–	–	•	•	97
Kensington ...	of	of	•	33	31	20	–	Tr	•	90	33
Hampstead ...	ofx	ofx	bcx	32	29	21	–	–		•	91

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 2nd Max. 2·0 Time 14–15hrs. Min. 0·1 Time 0·6hrs. 2nd.



GENERAL INFERENCE

A complex trough of low pressure extends from Greenland to the Gulf of Lyons, whilst a feeble ridge of high pressure moves slowly northwards over England and the North Sea.
There will be rain in Southwest districts and persistent fog in South Scotland and North England. Elsewhere it will be fair but fog will form again locally tonight in Central and Southeast England. It continues cold, though temperature will generally be slightly higher in the southeast, and frosts will occur again in many areas tonight.

FURTHER OUTLOOK

Continuing cold in most districts. Fog in places.

Warnings of Southerly gales are in operation for land areas west of a line Cardiff to Weymouth

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 2nd December

1947

Clark's Projection Scale 1 : 4 × 10^7 along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 2nd December 47

No. 3142

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

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

OBSERVATIONS Monday NIGHT

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. (33)	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 12h.–09h. Min. °F. (41)	Temperature 12h.–09h. Min. on Grass °F. (42)	Rain. mm. (43)
1	Kew	16						32											995.9	−4	ENE	2	mo	32	29	6				5	5	–	–	–	3	offcmx	cmo x	31	21	
	Croydon ...	217	97.1	−2	E	1	hio	32	30	6	5	–	–	8	8	–	07	–	995.9	−6	ENE	2	mo	31	28	6	5	–	–	7	7	–	12	–	3	cmcmo	cmobmo	27	18	
	S. Farnborough	226	96.1	−6	E	3	mo	33	31	5	5	–	–	5	5	–	20	–	995.6	−6	ENE	3	mo	30	28	6	5	–	–	7	7	0	–	–	3	bcfxcmo	cmobmo	29	20	
	Boscombe Down	417	95.7	−10	NE	4	mo	30	30	5	–	3	–	–	–	–	–	–	995.5	−6	NE	4	mo	30	27	5	5	–	–	8	8	–	4	–	3	bcmox	cmobcmox	27	24	
	Calshot ...	8	96.0	0	E	5	bbc	38	35	7	1	7	–	3	3	2	25	–	995.8	−2	ENE	5	mo	33	32	6	5	–	–	8	8	–	–	–	3	bc	bcmocmo	32	29	
	Tangmere ...	53	96.3	−14	SE	4	mo	33	33	6	5	–	–	3	3	–	30	–	994.7	−2	E	4	mo	31	29	6	5	–	–	4	4	–	30	–	3	cmobcmo	bcmobmocmo	30	26	
	Lympne ...	341	96.5	−14	ENE	3	mo	32	31	5	5	–	–	7	7	–	03	–	995.5	−6	NE	3	mo	32	30	5	5	–	–	5	5	–	8	–	1	cmo	cmcmo	31	26	
	Manston ...	140	97.9	−2	ESE	2	mo	35	33	5	5	–	–	6	8	–	–	–	995.9	−10	E	3	mo	37	32	6	6	–	–	4	4	–	25	–	1	cmo	obcmo	33	30	
2	Shoeburyness	11																	997.0	−4	E	3	cbc	39	35	7	8	–	–	5	5	–	15	–	1	Fxcmo	cmoc	31	30	
	Felixstowe ...	10	97.8	−6	SE	3	mo	38	32	6	5	–	–	7	7	–	21	–	996.6	−8	E'S	3	2o	40	32	6	2	–	–	4	4	–	25	–	3	bmoxczo	bcmobczo	31	25	
	Gorleston ...	5	98.7	−10	S	4	bc	40	34	7	2	–	–	4	4	–	30	–	998.2	0	ESE	4	mo	40	33	6	7	–	–	4	4	–	30	–	3	bcz obc	bczo	31		
	Mildenhall	15	98.7	−2	NE	1	m	21	19	4	–	–	–	0	0	0	–	–	998.2	+2	NE	1	m	21	21	4	–	–	6	5	5	–	–	–	3	bfxbmx	bcmxcmx	19	15	
	West Raynham	250	98.8	−2	ENE	1	f	25	24	3	5	–	–	3	3	–	50	–	998.2	+2	ENE	2	mo	28	27	5	5	–	–	4	4	–	25	–	3	bmoxbmxbfxbcffxbmx		24	15	
	Waddington	235	99.1	0	E	2	f	23	23	2	5	–	–	7	7	–	–	–	998.9	−4	NW	3	bf	21	21	3	5	–	–	5	5	–	60	–	3	bfcfbcfbfxofx		18	11	
3	Cranfield ...	340	97.6	−2	E'S	3	mo	32	30	5	5	–	–	7	7	–	06	–	997.4	−2	ENE	2	blf	26	26	3	5	–	–	2	2	–	20	–	3	bcfmxpfpmcmocfpfx		23	15	
	Honiley ...	427	96.8	−2	E	3	F	33	33	1	–	–	–	9	9	–	–	–	997.2	+2	ENE	3	cfo	29	29	3	5	–	–	8	8	–	10	–	3	bcmemofxofbocmofx		26	22	
4	Little Rissington	731	96.4	+2	ESE	3	F	29	29	1	–	–	–	9	9	–	0	–	995.8	−6	E	3	m	31	29	4	5	–	–	7	7	–	10	–	3	cmobfof	cfmcm	27	23	
	Defford ...	58	96.5	+2	NE	2	m	30	27	4	–	–	–	8	8	–	–	–	996.5	−2	ESE	3	mo	33	30	5	5	–	–	8	8	–	10	–	3	cmobcm	cmcmo	30	25	
5	Bristol ...	209	95.0	+2	E	2	mo	33	31	5	–	–	–	8	8	–	–	–	995.1	+4	E	2	mo	31	28	6	7	–	–	8	8	–	7	–	3	cmoprosmo	cmocmox	29	25	
	Hartland Point	299	89.7	−10	E	5	c	40	38	7	5	2	–	8	4	4	–	–	996.2	0	E	5	bc	37	33	7	7	–	–	4	4	–	25	–	3	c	bc	33	32	
	Yeovilton	50																	993.3	0	E	5	bc	31	29	6	7	–	–	0	0	0	–	–	3		bcmo	30	14	
	Portland Bill	32	94.9	−10	SE	5	2o	45	35	6	1	–	–	6	6	–	10	–	993.8	0	E	6	mo	42	37	6	5	–	–	6	6	–	10	–	1	czo	bccmo	37		
	Exeter ...	100	92.1	−2	SE'S	3	cbc	41	33	7	8	3	–	5	4	4	21	–	992.2	+2	NNE	3	mo	32	31	6	5	–	–	1	1	–	20	–	1	c	cmobcmox	31	25	
	Plymouth ...	86	89.1	−18	E	4	bc	42	34	7	8	7	8	4	3	1	20	–	~~89.5~~ 990	+8	ESE	3	bc	41	33	7	5	–	2	4	4	3	10	–	1	czoycz obczo	bccbc	41	23	
	St. Eval ...	345	89.1	−4	ESE	4	c	43	34	8	5	–	–	8	4	3	30	–	993.3	+2	E	4	c	40	34	8	5	7	–	8	8	3	25	–	1	ccproc	c	33	34	
	Lizard ...	240	87.3	−3	SE	6	cbcpr	45	36	8	8	–	–	5	5	3	15	–	987.1	+2	SE	6	c	44	37	7	8	–	–	8	4	4	20	40	0	cprqc	cq	42		
	Guernsey ...	340	92.0	−2	SE	5	bc	37	34	8	2	–	–	4	3	4	18	25	991.2	0	ESE	5	c	35	32	6	8	–	–	8	4	4	10	25	1	bc	c	34	33	
	Scilly, St. Marys	163	84.1	+2	SE	6	rr	46	44	7	5	–	–	8	8	–	–	–	984.8	+10	SE'S	7	c	46	39	8	5	–	–	8	8	–	15	–	1	crr	c	45		3
6	Fairwood ...	268	92.3	−6	E	4	mo	39	34	6	–	2	–	8	8	–	61	–	992.8	0	ESE	4	mo	35	31	6	5	–	–	8	8	–	10	–	1	cprmocmocmo		32	30	
	Pembroke ...	142	91.5	0	ESE	6	1r	41	41	6	–	–	–	8	8	–	22	–	992.0	0	E'S	7	cq	40	39	6	5	–	–	8	8	–	21	–	1	ogrrogmirogmprogm		28		
	Aberporth ...	425	92.4	−4	SE'S	3	mo	36	32	6	–	2	–	8	8	–	–	–	993.5	+2	SE	3	mo	36	29	6	5	2	–	8	4	8	12	25	1	cirobccmo	cmo	33	30	
7	Holyhead (Valley)	32	93.9	−6	E	3	cbc	33	31	7	5	7	–	5	3	5	25	–	994.7	+2	–	0	c	31	28	7	5	–	7	8	3	8	30	–	0	bcc	cbc	28	24	
	Hawarden	15	97.5	−2	SE	3	f	27	26	3	4	–	–	7	7	–	45	–	998.1	+4	SE	3	m	27	27	4	5	–	2	8	8	–	–	–	3	bfxcfx	cfxbcmcm	23	16	
8	Manchester	230	96.8	−2	ENE	3	fm	27	24	4	4	–	–	4	4	–	–	–	996.9	0	E	3	mo	27	23	5	5	–	4	2	2	–	–	–	3	bzcmbcm	bcmbmo	24	15	
	Squires Gate	33	96.8	0	E	3	m	24	22	4	5	–	4	1	1	–	–	–	997.6	+6	E	3	m	22	19	4	5	–	–	0	0	0	–	–	3	bbcmxb	bbcbmb	20	12	
	Carlisle	100	97.1	+4	NE	4	mo	23	21	5	–	–	1	2	2	–	–	–	997.7	+4	NE	2	mo	22	20	6	6	–	–	0	0	0	–	–	3	bmox	bmox	21	16	
9	Finningley	28	98.5	+4	–	0	F	21	20	1	–	–	–	9	9	–	0	–	998.8	0	NNW	1	F	25	23	1	6	–	–	9	8	–	0	–	3	bfoFx	oFx	18	17	
10	Spurn Head	29	98.8	0	SW	2	mo	34	31	6	–	–	–	9	9	–	0	–	998.5	−2	NW	2	m	33	33	4	5	–	–	9	8	–	0	–	3	bmo	bm	31		
	Leeming	105	98.9	+6	–	0	F	25	23	6	–	–	–	9	9	–	0	–	999.5	+4	–	0	bf	22	–	1	5	–	–	0	0	–	0	–	5	ofofx	ofx	16	15	
	Tynemouth	108	98.3	+4	SW	2	f	25	21	2	5	–	–	4	4	–	14	–	999.4	+4	W	2	bcf	25	20	3	5	–	–	4	4	–	14	–	3	bcff	bcfffff	22	5	
	Acklington	138	98.0	+4	W	1	mo	20	19	5	–	–	–	0	0	–	–	–	999.1	+8	W	1	2o	28	16	5	5	–	–	0	0	0	–	–	4	bmo	bmo	17	15	
11	St. Abb's Head	280	96.8	+4	W'S	3	mo	30	30	6	–	2	–	2	2	–	45	–	998.0	+4	SW	2	mo	32	32	6	5	2	–	2	2	–	40	–	4	bmo	b	30		
	Leuchars ...	31	97.5	+6	–	0	m	25	23	4	–	–	–	2	2	–	–	–	998.9	+6	–	0	m	21	18	4	5	–	–	2	2	–	–	–	5	bmom	bmfm	19	15	
	Bell Rock ...	–	96.6	+6	WSW	2	bbc	36	26	8	5	–	1	3	1	–	25	–	997.8	+4	WNW	1	mo	36	33	6	5	–	–	2	2	–	15	–	5	bcc	bczo	19	15	
12	Renfrew	35	97.7	+6	–	0	F	24	24	1	–	–	–	9	9	–	0	–	998.1	+10	–	0	F	24	24	1	5	–	–	3	3	–	0	–	3	cffx	offw	19	19	
	Prestwick ...	30	96.1	0	E'S	3	mo	29	26	6	5	–	–	1	1	–	56	–	997.3	+6	E	3	mo	25	23	5	–	–	–	0	0	0	–	–	3	bcbmox	bmox	20	15	
	Wigtown ...	19	96.3	+2	ESE	3	2o	35	28	5	2	–	–	4	4	–	25	–	997.2	+6	ENE	3	mo	30	24	6	–	3	–	2	2	–	–	–	3	cmobcz o	bcbzo	29	24	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	999.0	+8	NW	1	b	20	14	7	–	–	–	2	0	0	–	–	5	bxx	bx	19	12	
	Point of Ayre	30	95.1	+2	SSE	4	mo	40	35	6	5	–	–	3	3	–	25	–	995.7	+4	SSE	5	bbc	39	29	7	5	–	–	3	3	–	30	–	0	cbmo	bcmob	27	*	
13A	Tiree ...	44	94.7	+2	SSE	4	bbc	41	33	8	1	–	–	3	3	–	35	–	995.5	+4	SSE	4	bbc	40	35	8	1	–	–	3	3	–	30	–	1	bbxbbc	bccbc	38	32	
	Benbecula ...	27	93.8	+2	S	1	c	35	30	8	2	6	7	7	2	2	20	–	995.0	+6	SSE	2	cbc	35	31	8	8	–	–	3	3	1	35	40	3	bbccx	bccbcx	34	27	
13B	Stornoway ...	12	94.6	+20	SSW	4	c	38	35	7	3	1	–	6	3	5	25	–	995.6	+6	SW	4	ir	40	36	6	5	2	–	8	5	1	12	–	4	bcc	bccmoro	33	31	
	Cape Wrath	367	94.0	+6	S	1	bc	34	29	9	2	–	–	4	4	–	30	–	995.7	+6	SW	1	c	37	29	8	5	–	7	6	4	6	30	–	8 3/4	bbc	bcc	33	30	
15	Dalwhinnie	1176																																			6	2	
	Aberdeen ...	79						21											998.4	+8	NW	2	mo	20	16	6	5	–	1	1	1	–	–	–	8	b2x	b2ox	17	13	
	Rattray ...	46	95.7	+10	WSW	2	b	23	20	7	8	1	–	2	2	–	35	–	996.8	+8	SW	2	b	19	18	7	8	–	–	1	2	0	–	35	–	7	bcbc	bcbc	15	*	
	Lossiemouth	21	95.1	+2	SW	2	b	24	21	8	2	–	–	2	0	1	0	–	995.6	0	S	2	b	22	18	8	8	–	–	1	2	0	–	–	3	b	b	16	13	
	Wick ...	114	95.6	+10	W	1	b	23	22	8	8	2	–	8	1	1	25	–	996.7	+4	SW	1	b	30	25	8	8	–	2	5	2	1	–	–	4	b	b	20	15	
16	Hatston ...	45	95.0	+10	SW	3	bc	36	32	8	3	–	–	3	4	3	2	15	–	996.4	+8	SW	3	b	39	32	8	8	–	2	2	1	2	4	1	3	bcc	bcb	32	26	
	Lerwick ...	269	90.2	+10	WNW	4	cbc	36	36	7	8	3	–	5	6	–	12	–	994.1	+20	WNW	2	cbc	36	33	4	8	–	6	1	1	1	3	12	2	cbccpbc	cpcbc	33	31	6
17	Blacksod Point †	18	91.4	+2	SE	4	b	39	35	8	5	–	–	2	2	–	40	–	992.0	+2	ESE	3	bbc	35	35	6	8	–	–	5	3	0	–	25	3	b	bc	31	*	
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	994.8	+6	S	1	b	39	30	5	–	–	–	–	–	–	–	–	3		b	30		
	Aldergrove	294	94.1	+2	E	3	mo	26	26	6	5	–	1	1	1	1	30	–	994.7	+2	E'S	4	mo	35	32	5	–	–	8	2	2	–	–	–	3	bcfgbcmo	bcmox	25	20	
	Cas. Archdale	225	93.6	−2	–	0	mo	27	27	6	–	–	1	1	1	–	–	–	994.1	+2	–	0	mo	28	28	6	5	–	–	5	4	3	20	–	3	bxmo	bcxmo	25	19	
19	Birr Castle ... †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	991.6	+10	SSE	2	c	38	34	8	8	–	–	8	8	–	25	–	1		e	33	30	
	Collinstown †	220	92.9	−2	ESE	3	c	40	36	8	8	7	–	7	5	–	25	–	993.6	+9	SE'E	4	c	40	33	7	7	–	–	5	4	–	25	–	1	c	c	25	25	
20	Rinnanna ... †	13	92.7	−2	NE	4	c	38	36	8	8	7	–	7	5	–	27	–	991.0	+10	E'S	5	rob	39	37	8	7	–	–	8	8	–	25	–	1	croromo	croromo	32	*	4
	Valentia ... †	30	85.7	+2	NE	5	cir	43	36	8	8	5	2	–	8	4	–	23	987.1	+6	ENE	5	rob	41	37	7	7	–	–	8	8	–	21	–	1	circ	cro	40	38	3
	Rochas Point †	22	86.6	+4	ESE	6	ir	44	42	7	6	2	–	8	4	–	08	–	988.5	+10	ESE	7	rr	43	43	6	6	–	–	8	8	–	8	–	1	oir.	croromo	43	*	12

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

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

Wednesday 3rd December 1947 — No. 31422

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12a)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (25)	Height of Base Hundreds of feet. B. (26)
1	Kew	95·8	−2	NE	2	bf	38	31	3	-	-	-	0	0	0	-	-
	Croydon	95·6	−6	ENE	1	bf-	36	30	3	5	-	-	1	1	-	20	-
	S. Farnborough	95·7	−2	-	0	bf-	34	29	4	-	-	-	0	0	0	-	-
	Boscombe Down	95·9	0	NE	3	mo	36	31	5	-	-	-	1	-	-	-	-
	Calshot	96·0	0	ENE	4	mo	41	35	6	-	-	-	0	0	0	-	-
	Tangmere	94·6	−4	E	3	2o	40	32	5	-	-	-	0	0	0	-	-
	Lympne	95·0	−2	NE'E	4	b'bc	41	32	6	-	-	5	3	2	3	15	-
	Manston	95·6	−2	ENE	4	2o	43	33	6	5	-	8	4	4	3	25	-
2	Shoeburyness	95·7	−2	ENE	3	cbc	42	34	8	5	-	-	5	5	-	30	20
	Felixstowe	96·4	−2	E	4	cbc	44	33	7	5	3	-	5	4	1	20	-
	Gorleston	97·9	−2	E	5	bc	42	32	7	-	-	-	4	4	-	20	-
	Mildenhall	97·7	−6	NE	1	2o	37	24	5	-	-	-	0	0	0	-	-
	West Raynham	98·1	0	NE	2	m	38	33	6	-	-	-	2	2	-	25	-
	Waddington	99·6	+2	NNW	2	bc	24	24	-	5	-	-	4	0	-	25	-
3	Cranfield	97·0	0	ENE	4	mf	34	27	4	-	-	-	0	0	0	-	-
	Honiley	97·3	+2	ENE	3	mo	34	28	5	5	-	-	5	5	0	30	-
4	Little Rissington	96·4	0	ENE	4	mo	33	29	5	-	-	-	0	0	0	-	-
	Defford	97·2	+2	ENE	3	mo	34	29	6	5	-	-	4	0	4	30	-
5	Bristol	95·8	0	ENE	2	mo	34	32	5	-	-	-	1	1	0	-	-
	Hartland Point	92·3	+10	E	5	c	36	32	7	8	7	-	8	4	4	-	-
	Yeovilton	94·4	−2	E'N	3	mo	37	33	6	5	-	-	2	2	-	25	-
	Portland Bill	94·1	0	E'N	6	c	41	38	6	5	-	-	6	6	-	10	-
	Exeter	93·6	+2	E'N	3	mo	36	31	6	4	-	2	5	2	5	25	-
	Plymouth	91·9	+6	E	4	m	42	37	5	5	7	-	6	4	6	15	-
	St. Eval	91·8	+8	ESE	4	c	41	37	5	5	7	-	8	3	8	16	-
	Lizard	88·9	+8	SE	6	c	44	37	7	8	7	-	7	7	-	15	-
	Guernsey	92·2	−2	ESE	4	mo	38	33	6	5	6	-	4	2	3	5	-
6	Scilly, St. Marys	87·5	+8	SE'E	7	cbc	47	39	8	8	7	-	5	4	4	18	40
	Fairwood	95·4	+8	ES	4	mo	35	29	6	5	-	-	6	4	4	15	-
	Pembroke	94·2	+8	ESE	7	mo	37	34	6	5	-	-	7	7	-	22	-
	Aberporth	94·8	+10	ESE	3	2o	36	28	6	5	2	2	6	3	5	18	-
7	Holyhead (Valley)	95·7	+2	ESE	2	mo	35	30	6	-	7	-	7	7	-	-	-
8	Hawarden	98·6	−2	SE	1	m	31	29	4	5	7	-	8	4	8	45	-
	Manchester	98·3	+4	SE'E	2	mo	39	39	5	-	3	-	4	4	-	-	-
	Squires Gate	99·2	+6	ENE	3	mo	30	26	5	-	-	9	4	4	-	-	-
	Carlisle	99·1	+2	NE	2	mo	28	23	5	-	1	6	3	3	3	-	-
9																	
10	Finningley	99·2	+2	NW	1	bf-	26	25	2	-	-	-	0	0	0	-	-
	Spurn Head	98·9	+2	ESE	3	mo	41	36	6	1	-	-	2	2	-	-	-
	Leeming	99·8	−2	N	1	m	24	26	4	-	7	-	8	8	-	-	-
	Tynemouth	00·3	0	NW	2	bcf	32	26	3	5	-	-	4	4	-	14	-
11	Acklington	00·4	+4	WNW	1	mo	29	24	5	-	-	-	0	0	0	-	-
	St. Abb's Head	99·5	+4	SE	2	mo	36	33	6	2	3	-	2	1	2	45	72
	Leuchars	00·7	+8	-	0	bf-	25	21	4	-	-	-	0	0	-	-	-
	Bell Rock	00·4	+2	W'N	1	mo	31		6	5	-	-	2	2	-	15	-
12	Renfrew	99·9	−2	-	0	f	22	22	2	-	-	-	9	9	-	0	-
	Prestwick	98·4	−2	E	1	mo	34	28	6	-	-	6	4	4	-	-	-
	Wigtown	99·0	+2	E	3	bc	33	29	8	-	3	6	4	1	4	-	-
	Eskdalemuir	99·6	+2	N'W	2	b'bc	30	27	7	-	3	1	3	1	3	-	-
	Point of Ayre	97·5	+8	SE	4	c	39	29	8	5	-	2	8	3	8	25	-
13A	Tiree	97·2	+4	SSE	4	2o	42	33	6	-	-	-	2	2	-	30	-
	Benbecula	96·9	+10	S	2	cbc	40	34	7	5	-	2	5	3	4	16	-
13B	Stornoway	96·8	+6	SW	4	c	41	36	7	5	1	-	8	3	7	20	40
	Cape Wrath	97·2	+6	SSW	1	cbc	38	26	8	5	-	-	5	5	-	30	-
15	Dalwhinnie																
	Aberdeen	99·9	+2	WSW	1	bf	27	23	2	-	-	-	0	0	0	-	-
	Rattray	99·7	+16	SW	2	b'bc	26	23	7	1	-	-	3	3	-	35	-
	Lossiemouth	94·5	−10	S	3	b	33	31	7	-	-	-	0	0	0	-	-
	Wick	97·9	+4	SSW	1	c	36	31	9	-	3	8	7	1	7	-	-
16	Hatston	98·2	+8	SW	3	c	37	32	9	3	-	-	6	1	6	18	-
	Lerwick	96·8	+10	SW	4	bcjp	38	33	8	2	6	8	4	4	2	18	-
17	Blacksod Point †	03·7	+6	SE	4	c	41	37	7	-	-	-	7	-	-	25	-
18	Malin Head *	95·6	+4	SSE	3	bc	38	32	7	-	-	1	4	-	-	-	-
	Aldergrove	96·6	+8	ESE	4	mo	37	32	5	-	-	6	5	5	-	-	-
	Cas Archdale	95·4	+2	ESE	2	mo	33	31	6	-	7	7	8	1	8	-	-
19	Birr Castle †	92·6	+2	S	1	c	40	32	8	5	-	-	8	8	-	25	-
	Collinstown †	95·3	+6	SE'E	3	c	41	30	7	7	-	-	8	4	-	60	-
20	Rineanna †	92·8	+6	E	5	rore	39	37	6	5	-	-	8	8	-	11	-
	Valentia †	88·9	−6	E	4	rr	41	37	8	6	2	-	8	8	-	29	-
	Roches Point †	89·7	+6	ESE	6	ir	43	39	7	6	2	-	8	4	-	8	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
1	Kew	96·6	+8	NE'N	3	m	37	32	4	-	-	-	0	0	0	-	-	1
	Croydon	96·2	+6	NE	2	bf-	35	32	3	-	-	-	0	0	0	-	-	3
	S. Farnborough	96·3	+4	NNE	2	bf	34	32	3	-	-	-	0	0	0	-	-	3
	Boscombe Down	96·9	+12	NE'N	3	mo	33	30	5	-	-	-	0	0	0	-	-	3
	Calshot	96·5	+8	NE'E	3	bf	37	34	3	-	-	-	0	0	0	-	-	0
	Tangmere	95·6	+8	E	2	mo	35	32	6	-	-	-	0	0	0	-	-	1
	Lympne	95·4	+6	NE	3	c	38	32	5	-	-	7	8	5	8	20	-	1
	Manston	95·8	+4	NE	4	cbc	41	34	7	5	-	-	5	5	-	25	-	1
2	Shoeburyness	95·9	+4	ENE	3	bc	40	33	7	5	-	-	4	4	-	30	-	1
	Felixstowe	96·5	+2	E'N	4	c	42	33	7	5	-	-	6	6	-	37	-	1
	Gorleston	97·8	+2	E'N	4	c	42	33	7	5	-	-	7	7	-	20	-	1
	Mildenhall	98·0	+2	ENE	1	mo	32	31	5	5	-	-	3	3	-	25	-	1
	West Raynham	98·2	+4	E'S	3	mo	33	30	6	5	-	-	2	2	-	25	-	0
	Waddington	99·4	0	NNW	2	bf	26	26	1	-	-	-	0	0	0	-	-	3
3	Cranfield	97·5	+6	NE	3	m	33	30	4	-	-	-	0	0	0	-	-	3
	Honiley	97·8	+6	NE	3	bf	29	28	5	-	-	-	0	0	0	-	-	3
4	Little Rissington	97·0	+8	ENE	3	mo	33	29	5	-	4	-	3	3	-	-	-	3
	Defford	97·6	+6	-	0	m	31	29	4	-	-	-	0	0	0	-	-	3
5	Bristol	96·6	+8	-	0	mlf	30	29	4	-	-	-	0	0	0	-	-	3
	Hartland Point	92·6	+10	E	4	bc	37	34	7	5	-	-	4	4	1	-	-	0
	Yeovilton																	
	Portland Bill	94·3	0	E'S	5	2o	42	34	6	5	-	-	4	4	-	10	-	1
	Exeter	94·3	+10	NE'E	3	mo	36	31	5	-	7	-	2	2	-	-	-	1
	Plymouth	92·6	+6	ESE	4	2o	43	33	5	-	8	-	5	4	3	30	40	0
	St. Eval	91·7	+10	ESE	4	bbc	43	34	5	-	4	-	3	3	-	-	-	1
	Lizard	89·7	+4	SE	6	c	45	36	7	-	7	8	7	5	3	15	40	0
	Guernsey	93·8	+12	ESE	2	mo	38	35	6	5	6	-	4	2	3	3	8	0
6	Scilly, St. Marys	88·4	+2	SE	5	ir	46	42	8	5	-	-	8	8	-	14	-	1
	Fairwood	94·3	+4	E	4	mo	37	32	6	5	7	-	4	4	-	-	-	1
	Pembroke	93·4	0	ESE	7	mo	41	39	6	5	-	-	8	8	-	25	-	1
	Aberporth	94·6	−2	SE'E	2	mo	35	29	6	-	2	8	6	4	6	60	-	1
7	Holyhead (Valley)	96·3	+2	E	3	cbc	34	29	7	-	7	8	5	4	4	-	-	0
8	Hawarden	99·1	+6	SSW	1	m	27	25	4	-	-	-	0	0	0	-	-	3
	Manchester	98·4	0	E	2	mo	31	28	5	-	-	-	2	2	-	-	-	3
	Squires Gate	98·9	0	E	3	mo	32	30	5	-	7	-	6	6	-	-	-	3
	Carlisle	99·7	+4	-	0	mo	26	22	5	-	-	6	3	3	-	-	-	3
9																		
10	Finningley	99·1	+2	NW	1	bf-	24	23	2	-	-	-	0	0	0	-	-	3
	Spurn Head	99·3	−2	E'N	3	b	41	35	7	-	-	-	0	0	0	-	-	3
	Leeming	00·0	+4	NNW	3	bf	28	28	3	5	-	-	8	8	-	50	-	5
	Tynemouth	00·3	+4	WSW	2	bf	34	29	2	5	-	-	8	8	-	14	-	3
11	Acklington	00·5	−2	WNW	1	mo	25	22	5	-	-	-	0	0	0	-	-	4
	St. Abb's Head	00·0	+6	-	0	mo	34	31	6	2	-	-	2	2	-	45	-	4
	Leuchars	01·5	+2	-	0	m	21	21	4	5	-	-	1	1	-	40	-	5
	Bell Rock	00·7	+6	-	0	b	38	33	6	-	-	-	0	0	0	-	-	*
12	Renfrew	00·8	+8	-	0	f	21	21	0	-	-	-	9	9	-	0	-	3
	Prestwick	99·6	+10	ESE	3	mo	27	24	6	-	-	1	2	2	-	-	-	3
	Wigtown	99·2	+4	ENE	4	bc	34	29	7	5	-	7	4	4	4	25	-	3
	Eskdalemuir	00·5	+4	N	2	b	25	21	7	-	-	7	0	0	0	-	-	3
	Point of Ayre	97·3	+2	SE	5	bc	41	33	8	5	-	-	4	4	-	15	-	0
13A	Tiree	98·0	+6	SSE	5	2o	39	27	6	-	-	5	2	2	-	-	-	1
	Benbecula	97·6	+6	SSE	1	b	35	32	7	1	-	2	2	2	2	25	-	3
13B	Stornoway	97·9	+6	SSW	4	bc	39	36	7	5	-	-	4	4	-	25	-	1
	Cape Wrath	97·8	+4	SW	3	c	39	28	8	5	1	-	7	5	7	20	-	6
15	Dalwhinnie	00·5	0	SW	1	bbc	20	13	7	1	-	-	3	3	-	14	-	8
	Aberdeen	01·1	+6	-	0	mx	24	19	2	-	-	-	0	0	0	-	-	8
	Rattray	00·8	+14	SW	2	bc	21	18	7	5	-	-	4	4	-	30	-	7
	Lossiemouth	00·6	+6	S	3	b	27	22	7	-	-	4	1	1	-	-	-	3
	Wick	99·0	+6	-	0	c	35	30	7	-	1	-	7	7	-	-	-	4
16	Hatston	98·7	+4	SSW	3	c	39	32	7	-	2	-	8	8	-	-	-	3
	Lerwick	98·7	+10	SSW	3	b	36	33	8	2	4	8	2	1	1	18	-	4
17	Blacksod Point †	93·1	−2	SE	4	rir6	39	34	7	6	2	-	8	4	-	15	-	3
18	Malin Head *	96·3	+6	SSE	3	b	37	29	7	-	-	-	0	0	0	-	-	3
	Aldergrove	96·4	0	ES	4	mo	37	32	5	5	7	-	4	3	3	25	-	3
	Cas Archdale	95·2	+2	ENE	4	mo	34	32	6	5	-	-	8	8	-	25	-	3
19	Birr Castle †	93·4	+4	S	1	c	37	33	8	5	2	-	8	5	-	25	-	1
	Collinstown †	95·2	0	SE'E	1	c	39	31	7	5	2	-	8	8	-	25	-	1
20	Rineanna †	92·5	−2	E	4	ir2	39	34	6	5	2	-	8	8	-	25	-	1
	Valentia †	89·2	+2	NE	2	rr	40	38	8	5	2	-	8	6	-	49	-	1
	Roches Point †	88·6	−10	ESE	6	c	47	43	8	6	1	-	8	4	-	15	-	1

OBSERVATIONS during DAY (2nd)

District	Stations.	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	bcbffx	bcbmx	41	1·1	-
	Croydon	bmxfx	bczbf	41	3·0	-
	S. Farnborough	bmoxfxbm	bmbfbzbf	39	0·0	-
	Boscombe Down	bmq	bmo2obmo	38	4·9	-
	Calshot	cmobcmo	bf	*	6·4	-
	Tangmere	bmoxbmo	bzobmo	42	6·3	-
	Lympne	cmob	c	42	6·2	-
	Manston	bc2o	c	43	4·0	-
2	Shoeburyness	c	cbc	44	4·1	-
	Felixstowe	bc	c	44	3·6	-
	Gorleston	bc	c	43	4·1	-
	Mildenhall	bmxbzox	bzobccmo	40	3·5	-
	West Raynham	bcmobxbzo	bzobcmo	39	4·8	-
	Waddington	bcfbffx	bcfbf	31	0·0	-
3	Cranfield	bcfxcfxbf	bmbcm	36	4·7	-
	Honiley	ofcmx	bmbcfx	34	3·7	-
4	Little Rissington	cmo	bmo2o	36	4·3	-
	Defford	cmobcmo	bzobmob	37	3·3	-
5	Bristol	cmoxbmo	bbcmof	37	3·8	-
	Hartland Point	bc	cbc	39	0·7	-
	Yeovilton	bcmo				
	Portland Bill	c	bcbcz	44	*	-
	Exeter	bcmocmo	cmobmo	39	2·7	-
	Plymouth	bccm	c	47	1·5	-
	St. Eval	c	cbcb	45	0·2	-
	Lizard	cq	c	46	1·5	-
	Guernsey	c	bc	41	3·0	-
6	Scilly, St. Marys	c	cbir	47	1·5	3
	Fairwood	cmoc2o	c2obc2o	39	0·0	-
	Pembroke	cmo	c	41	0·0	-
	Aberporth	cmoc2o	c2occ2o	36	1·3	-
7	Holyhead (Valley)	bccmo	cmoc	39	0·0	-
8	Hawarden	cmx	cmxbcfxbc	34	0·0	-
	Manchester	bmqcmobzo	bzoc2ocm	39	1·8	-
	Squires Gate	bmbcmo	cbcbcmx	35	0·5	-
	Carlisle	bmoxbcmo	bcmobcmoX	34	*	-
9						
10	Finningley	ffx	bcfxbfx	29	0·0	-
	Spurn Head	bcmo	b	43	4·5	-
	Leeming	ofbcm	cmxshf	31	0·0	Tr
	Tynemouth	bcff	bcff	38	*	-
11	Acklington	bmo	bmo	31	2·8	-
	St. Abb's Head	bcmobmo	bbmo	36	*	-
	Leuchars	bffm	bmfbm	30	0·0	-
	Bell Rock	fcbcbmo	2ombo	*	*	-
12	Renfrew	ofx	ofx	22	0·0	-
	Prestwick	bbcmo2ox	bcc2obx	38	*	-
	Wigtown	bmobbc	cbc	37	*	-
	Eskdalemuir	bmox	bcox	33	4·5	-
	Point of Ayre	bc	cbc	41	1·0	-
13A	Tiree	bc2obzo	bbcbzo	42	3·1	-
	Benbecula	bcxcbc	bcb	41	*	-
13B	Stornoway	cirrnic	cmocbc	41	0·0	-
	Cape Wrath	c	cirsc	42	*	2
15	Dalwhinnie		b	27	0·0	-
	Aberdeen	2obff	bfbzf	36	3·2	-
	Rattray	bcbc	bcbc	37	*	-
	Lossiemouth	bbcb	bbc	34	3·2	-
	Wick	bc	c	37	4·4	-
16	Hatston	bbcc	c	39	2·9	-
	Lerwick	bccbcjp	bccxbx	41	1·7	-
17	Blacksod Point †	fbc	r	41	*	0·6
18	Malin Head *	bcmobcmo	cmobcmo	39	0·0	1
	Aldergrove			38	0·0	-
	Cas Archdale	bmoxcmox	cmo	36	0·0	-
19	Birr Castle †	c	c	40	0·0	-
	Collinstown †	c	c	41	0·0	-
20	Rineanna †	r	r	40	0·0	5
	Valentia †	r	r	41	0·0	22
	Roches Point †	r	c	47	*	8

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

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

‡ See footnote p. 4.

* Information not usually received.

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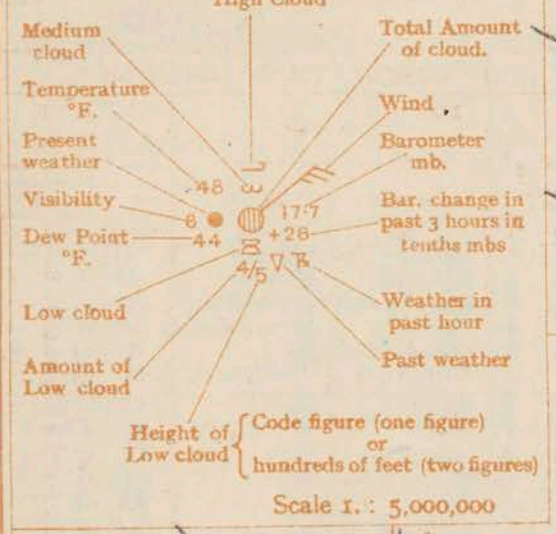
STATION MODEL



Scale 1. : 5,000,000

6h Wednesday 3rd December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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 % Today	Humidity 9h % Today
Kew ...	bcbffx	bcbmx	cfx	41	32	21	-	Tr	1·1	•	•
Croydon ...	bmxfx	bczbf	bfmx	41	28	21	-	0·1	3·0	95	90
Greenwich ...	bcbxf	bm	bcrcfx	41	33	24	-	Tr	2·4	73	89
Westminster	•	•	•	42	33	31	-		•	72	82
Regents Park	•	•	•	41	33	27	-	-		73	83
Camden Square	0	c	•	41	30	25	-	-	•	•	91
Kensington ...	bc	bc	•	41	32	24	-	-	•	76	91
Hampstead ...	bc	bc	of	39	33	23	-	-		•	95

Atmospheric Pollution Milligrams of solid impurity per cubic metre 13-14hrs
Kew 24 hours ended 6[illegible] Max 0·5 Time 2nd. Min 0·2 Time 2nd.

HIGH

LOW

HIGH

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

GENERAL INFERENCE

A trough of low pressure from central Ireland across southwest England is moving slowly northeastwards while a ridge of high pressure extending across Scandinavia and the North Sea is weakening. Over North Scotland it will be cloudy with local rain or drizzle, but precipitation will be in the form of sleet or snow over high ground in the north at first.
Improved conditions with mainly fair weather, apart from scattered showers, now over southwest England will spread slowly across Wales and into the southwest midlands during today and tonight.
It will be generally somewhat less cold than of late and frost is likely to occur tonight only in parts of Northern Scotland

FURTHER OUTLOOK

Continuing less cold than of late. Probably cloudy at first in the north and east with local rain but fair conditions apart from some scattered showers already occurring in remaining districts expected to continue to spread northeast.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 3rd December

1947

Clark's Projection Scale 1 : 4 × 10^7 along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

All times are G.M.T.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 3rd December 1947

No. 31422

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. o-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total o-9 (12)	Amount. Low. A. o-9 (13)	Amount. Low. B. o-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16		*	*	*	*	34	*	*	*	*	*	*	*	*	*	
	Croydon	217	95.6	-10	-	0	m	30	29	4	-	-	-	0	0	0	-	-
	S. Farnborough	226	96.2	- 2	WIN	1	f	23	20	3	-	-	-	0	0	0	-	-
	Boscombe Down	417	96.4	- 2	NNE	2	mo	29	28	5	-	-	-	3	3	1	-	-
	Calshot	8	96.0	-6	E/S	2	mo	35	34	5	5	-	1	3	3	2	30	-
	Tangmere	53	95.0	-6	NE	3	mo	35	33	5	-	-	2	4	4	-	-	-
	Lympne	341	95.2	-2	-	0	mo	37	35	6	5	-	-	8	8	-	08	-
	Manston	140	95.6	0	ESE	2	ir.	41	39	7	5	-	-	8	8	-	25	-
2	Shoeburyness	11																
	Felixstowe	10	96.2	-6	ENE	4	c	43	24	7	5	-	-	8	8	-	24	-
	Gorleston	5	97.7	0	ENE	4	c-bc	44	37	7	5	-	-	8	5	-	25	-
	Mildenhall	25	97.6	-6	-	0	mo	31	30	6	5	-	-	7	7	-	25	-
	West Raynham	250	97.6	-6	NE	2	b	33	29	7	5	3	-	7	2	-	-	-
	Waddington	235	99.1	-6	E	2	f	28	27	3	5	-	-	7	7	-	30	-
3	Cranfield	340	97.0	-8	NE	3	m	31	29	4	5	-	-	7	3	-	35	-
	Honiley	427	97.5	-2	N	1	F	21	21	0	-	-	-	9	9	-	0	-
4	Little Rissington	731	96.3	-8	ENE	3	mo	29	28	5	-	-	-	0	0	0	-	-
	Defford	58	96.9	-8	NE	1	m	21	20	4	-	-	-	0	0	0	-	-
5	Bristol	209	95.9	-4	ESE	1	mo	30	29	5	-	-	-	7	7	-	15	-
	Hartland Point	299	90.1	-8	E	5	c	37	35	8	5	-	-	6	4	-	-	-
	Yeovilton	50																
	Portland Bill	32	93.9	-8	E/S	4	mo	43	38	6	5	-	-	4	4	-	10	-
	Exeter	100	93.2	-14	ESE	4	co	38	30	5	5	5	-	4	4	4	35	-
	Plymouth	86	91.6	-16 -08	ESE	4	co	45	37	6	5	7	-	8	4	5	20	-
	St. Eval	345	90.7	-2	SSE	3	c	44	36	8	5	7	-	8	8	-	-	-
	Lizard	240	89.7	0	SE	3	c/r	43	43	6	5	-	-	8	8	-	12	-
	Guernsey	340	93.5	-6	SE/S	4	mo	39	36	6	5	-	-	7	4	6	08	15
	Scilly, St. Marys	163	89.2	+2	W	4	c-bc/pr	46	42	8	8	-	-	5	5	-	-	-
6	Fairwood	268	93.2	-12	ESE	6	mo	37	33	6	-	7	-	4	4	-	-	-
	Pembroke	142	91.9	-14	SE/S	7	mo	40	40	6	-	2	-	7	7	-	-	-
	Aberporth	425	93.3	-14	SE	3	mo	35	29	6	5	-	6	6	1	6	56	-
7	Holyhead (Valley)	32	95.3	-6	E	2	mo	32	28	6	-	7	-	7	7	-	-	-
	Hawarden	15	98.7	+2	SSW	1	f	25	25	2	-	-	7	7	7	-	-	-
8	Manchester	230	97.6	-6	E	2	mo	30	26	5	-	-	6	4	4	-	-	-
	Squires Gate	33	97.6	-10	E	3	mo	29	28	5	-	-	7	4	4	-	-	-
	Carlisle	100	98.5	- 8	E	2	mo	32	28	5	5	7	-	8	7	8	30	-
9																		
	Finningley	28	98.4	-6	-	0	f	26	24	2	-	-	-	0	0	0	-	-
10	Spurn Head	29	98.8	-2	ESE	4	c	43	38	7	3	-	-	7	0	-	-	-
	Leeming	105	99.1	-6	NW	1	f	21	21	3	-	-	-	7	0	-	-	-
	Tynemouth	108	99.7	-6	SE	3	c-bc	42	32	7	8	-	-	5	5	-	18	-
	Acklington	138	99.9	-6	W	1	mo	30	28	5	5	-	-	5	4	-	25	-
11	St. Abb's Head	280	99.6	-4	-	0	mo	37	34	5	5	-	-	4	4	-	25	-
	Leuchars	31	01.0	-6	NNW	1	bc/f	22	19	4	5	-	-	4	4	-	30	-
	Bell Rock	—	99.8	-4	N/E	2	b	39	34	7	5	3	-	2	-	-	72	-
12	Renfrew	35	00.0	-10	-	0	f	23	22	2	-	-	-	9	9	-	0	-
	Prestwick	30	98.3	-8	E	2	mo	27	24	6	-	-	2	6	6	-	-	-
	Wigtown	19	99.2	-4	E	4	mo	34	31	6	-	7	8	7	5	3	-	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	96.6	-6	SE	5	c	41	33	7	5	2	-	8	2	8	15	-
13A	Tiree	44	97.4	-6	SE	5	c	39	31	7	5	-	7	8	1	8	35	-
	Benbecula	27	97.9	0	SSE	1	b	35	27	8	-	-	-	0	0	0	-	-
13B	Stornoway	12	98.5	+2	SSW	2	b	36	32	7	-	4	-	1	1	-	-	-
	Cape Wrath	367	98.1	+2	SW	3	bc	38	28	9	2	-	-	4	4	-	30	-
15	Dalwhinnie	1176																
	Aberdeen	79						22										
	Rattray	46	99.5	0	SW	2	b-bc	22	20	7	1	-	-	3	3	-	30	-
	Lossiemouth	21	00.7	0	S	3	b	21	16	7	-	-	-	1	0	0	-	-
	Wick	114	99.3	+2	SW	1	bc	34	26	7	-	3	8	4	2	4	-	-
16	Hatston	45	98.8	0	SSW	3	c	38	31	7	5	2	-	7	4	7	35	-
	Lerwick	269	98.8	0	S/W	5	c/r	37	32	7	5	7	-	8	3	6	22	-
17	Blacksod Point †	18	90.7	-12	SE	5	c	39	35	7	5	-	-	8	8	-	08	-
18	Malin Head †	84																
	Aldergrove	294	94.5	-14	ESE	4	co	39	32	6	5	-	-	8	5	8	25	40
	Cas. Archdale	225	93.4	-18	ENE	3	mo	35	30	6	5	7	-	8	4	8	30	-
19	Birr Castle †	173																
	Collinstown †	220	93.2	-14	SE/E	5	co	40	29	6	5	1	-	8	4	-	28	-
20	Rinnanna †	13	87.8	-34	ENE	5	ir.	40	38	6	5	-	-	8	8	-	17	-
	Valentia †	30	86.3	-22	N	3	r/o	39	37	6	5	2	-	8	8	-	45	-
	Roches Point †	22	83.0	-34	ESE	7	c/o	46	44	7	6	2	-	8	4	-	08	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. o-9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total o-9 (28)	Amount. Low. A. o-9 (29)	Amount. Low. B. o-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0-9 (33)
93.5	-18	NNE	1	Cf	32	29	2	5	-	-	7	7	-	25	-	5
98.8	-14	-	0	m	32	31	4	-	-	-	8	8	-	15	-	1
93.6	-14	NE	2	cf	29	28	4	-	-	-	8	8	-	18	-	3
93.7	-18	ENE	3	mo	31	30	5	-	-	-	8	5	-	30	-	3
93.6	-16	E	3	mo	39	37	5	-	-	-	6	6	-	30	-	1
92.6	-10	ENE	3	mo	38	36	6	5	-	-	7	7	-	30	-	0
94.2	-6	SE/E	2	ro.	37	35	6	-	2	-	8	8	-	6	-	1
94.2	-6	S	2	ro.	38	38	6	-	-	-	8	8	-	5	-	1
93.8	-4	S/W	1	mo	40	38	6	-	-	-	8	8	-	13	-	1
94.0	-12	E/S	4	c	45	35	7	-	-	-	6	6	-	35	-	0
95.5	-16	NE	5	0	44	34	7	5	-	-	8	8	-	25	-	0
95.9	-10	ENE	2	mo	35	31	6	5	-	-	8	8	-	30	-	1
95.5	-14	E	2	c	37	32	7	-	-	-	8	8	-	20	-	3
96.5	-14	NNE	3	mo	39	36	5	-	-	-	8	8	-	30	-	2
94.9	-12	NE	2	mo	32	30	5	-	-	-	8	8	-	45	-	1
94.3	-18	ENE	3	cf	31	30	2	-	-	-	8	8	-	15	-	3
93.8	-14	ENE	3	mo	31	29	5	-	-	-	7	7	-	35	-	3
92.9	-22	NE	3	m	27	26	4	-	-	-	4	4	-	30	-	3
92.7	-18	SSE	2	mo	30	29	6	-	-	-	4	4	-	44	-	3
88.4	-22	E	4	c/r	38	37	7	8	7	-	5	4	3	-	-	1
91.0	-20	E	3	mo	35	33	6	5	-	-	8	4	8	10	15	1
92.9	-12	SE/S	3	mo	46	39	6	5	-	-	8	8	-	10	-	1
89.3	-26	ESE	4	ro.	41	39	7	5	-	-	7	7	-	32	-	1
87.8	-20	W	2	b	41	41	7	5	-	-	2	2	-	30	-	1
88.8	-12	S	2	mo	37	36	6	5	-	-	34	4	-	20	-	1
88.2	-6	-	0	c-bc/pr	42	41	7	5	-	-	5	5	-	15	-	1
90.4	-20	SSE	4	c/pr	42	42	8	5	-	-	8	5	8	4	8	1
88.0	-10	W/S	4	c-bc	46	42	8	5	-	-	5	5	-	25	-	1
90.0	-18	SE	5	ro/o	38	34	6	-	-	-	8	8	-	40	-	1
89.1	-18	SE/E	7	rr	42	42	5	-	-	-	8	8	-	13	-	1
85.3	-20	SE	5	mo	36	32	6	5x	-	-	7	4	5	35	40	1
92.2	-22	E	4	mo	38	29	6	-	4	-	2	2	-	-	-	0
95.7	-18	SSE	1	cf	24	24	3	5	-	-	7	7	-	25	-	3
95.0	-14	E/N	2	mo	31	29	5	5	-	1	5	5	2	25	-	3
94.9	-16	E	3	mo	30	28	5	5	-	-	4	4	-	25	-	3
96.7	-8	ME	2	mo	32	30	5	5	8	-	8	5	8	35	-	3
96.0	-14	-	0	CF	26	24	1	5	-	-	7	7	-	50	-	3
96.1	-2	E	4	C	43	39	7	5	-	-	6	6	-	25	-	3
96.8	-10	NW	1	f	31	31	3	7	-	-	7	7	-	-	-	5
97.3	-12	ESE	4	C	43	34	7	8	-	-	6	6	-	18	-	1
98.4	-4	ESE	3	mo	38	32	6	5	-	-	4	4	-	18	-	1
97.7	-10	-	0	mo	38	35	6	-	-	-	7	7	-	14	-	1
98.8	-10	NW	1	c/r	25	24	6	-	-	-	7	7	-	30	-	1
98.2	-10	SE	4	bc	43	29	6	7	-	2	4	4	-	25	-	*
97.1	-14	-	0	cf	26	25	2	-	2	-	8	8	-	-	-	3
95.5	-16	ENE	3	C	35	30	7	5	-	-	6	3	6	30	40	3
96.5	-12	E	4	mo	37	31	5	5	7	-	7	8	2	5	30	-	3
97.3	-14	E/N	2	c	26	23	6	8	-	-	6	8	4	8	22	-	5
92.4	-18	SE	6	C	41	35	7	5	-	-	7	8	3	8	30	-	0
95.4	-10	ESE	5	co	39	32	6	5	-	-	7	6	4	6	45	-	1
97.4	-6	SSE	2	C	36	30	8	-	-	-	6	6	6	0	-	-	3
97.9	-6	-	0	b	26	23	7	-	-	-	1	1	1	0	-	-	3
98.0	0	S	2	c-bc	37	25	9	1	-	-	5	3	-	25	-	6 8 3"
98.8	-2	WSW	1	bf	20	15	3	5	4	-	1	1	1	15	-	8
99.4	-6	SW	2	c-bc	31	28	7	5	-	-	5	5	-	30	-	8
99.9	-4	S	2	b	19	16	8	-	-	-	0	0	0	-	-	3
98.8	0	SW	3	b	32	23	8	-	-	-	0	0	0	-	-	4
98.0	-6	SW	3	c-bc/r	36	33	8	5	3	-	5	2	4	30	-	3
97.0	-10	SW/S	4	ro/o	38	32	7	5	1	-	8	3	5	12	15	1
85.6	-26	SSE	5	ro/o	40	36	7	6	2	-	8	4	-	8	-	1
91.9	-10	SSE	3	c	41	34	7	5	-	-	6	6	-	15	-	3
91.5	-18	ESE	5	c	35	32	6	5	-	-	7	5	6	25	40	1
87.9	-34	ENE	4	mo	36	30	6	5	7	-	8	4	6	30	-	3
83.0	-6	S	3	C	41	39	8	5	2	-	8	5	-	15	-	1
89.0	-22	ESE	6	ro/o	40	33	6	5	2	-	8	5	-	22	-	1
78.3	-26	SE/S	5	c/r	40	38	6	5	2	-	8	8	-	11	-	1
82.2	-10	W/S	4	c/r	44	40	8	5	-	-	8	8	-	16	-	1
83.8	0	WSW	4	ro/o	42	40	8	6	2	-	6	4	-	15	-	1

OBSERVATIONS Tuesday NIGHT

Weather. 18h.-00h. (39)	Weather. 00h.-06h. (40)	Temperature 21h.-09h. Min. °F. (41)	Temperature 21h.-09h. Min. on Grass °F. (42)	Rain mm. (43)
b/o cc-r/f x	c/f/f x	32	21	Tr
bf bmc mx	bm x cm x	28	21	0.1
bf x	c/o x	22	13	-
bm. x	bcm. x cm. x	26	20	-
bf bc m.	bc x	34	30	-
bm. bcm.	bm. cm.	21	30	Tr
c2. bm x cm.	cm. c/r s.m.	36	33	3
bc c/r.	c/r o/r o	37	37	0.4
		34	31	0.2
c	c	42	29	-
c	co	43	*	-
cm. bcm. cm.	cm.	29	18	-
bm. c2. b	bc bc	32	20	-
bf/c f	c/s x m.	23	19	-
bm x bcm x cm. x	cm. x cm. x	28	24	Tr
bm. m OF x	bf x c/f x	19	15	-
bm.	bm. c m.	28	24	-
bm x	cm x c/f x bc m.	20	14	-
bm. x cm. x	c/o x bc m. x	26	16	-
bc bb c	cm. c	35	34	4
		29	24	Tr
bcz	co	42	*	-
bc cm. w	bc cm. r/o r/o g	36	28	5
c2. bcc	c/r o/r. m. d x	37	31	2
bb cc	c/r o/r. c/o bc	37	33	1
c/y o/r r	d o c c/p r	41	*	5
c	o/p r o	38	33	2
iri R x	bc/p b c	43	*	4
bc2. bcm.	bcm. o r/o r/o	36	31	3
c/y m	cm/r. o m/r	40	*	2
c2. bc2.	c2.	33	28	0.6
cm.	cm. o bm.	31	24	-
bc f x b x o f	bc f x c f x	20	13	-
bm. bcm.	bcm.	27	17	-
cm. b cm.	bm. o bcm. x	28	21	-
bcm. x	bcm. x cm. x	23	23	Tr
bF	bc f x cF x	22	14	-
c	c	42	*	-
cf x bf x	bf x cf x	25	21	-
cff imc	c	31	31	1
mc m. cm.	cm. b cm.	26	23	0.1
b	bj f am.	31	*	1
bm bif m	c/o 2 gj f m.	18	15	Tr
bc	bc	*	*	*
OF x	OF x cf x	20	18	-
bz. cm.	cm. x c	25	20	-
bb cc m.	cm. 20	31	26	-
#bb c x	bc a a	23	15	-
bc	bcc	41	*	-
bz. bbc	ob c c2.	37	34	-
b	c	30	25	-
	b	23	15	-
bc	b	32	30	-
		9	6	-
bff	bff	18	16	-
bc bc	cc	17	*	-
b	bb	14	15	-
cbc	bcb	31	24	-
c/r o c	c/r o c	35	31	0.4
c/r o/r o	c/r o/r - c c/r o/r o	35	29	3
c	r	37	*	1
	c	36	*	-
bcm. cm.	c2. bc2.	34	34	-
cm.	cm. o	33	30	-
c	c	36	35	-
c	r	38	33	-
c	r c	36	30	0.2
r	r	38	37	1.5
c/r. r. o	r	42	*	4

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

Page 1.

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

Thursday 4th December 1947 — No. 31423

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (2)	Change in 3 hours. (2a)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	31·7	-12	E'N	3	rs	39	38	3	5	-	-	8	8	-	11	-
	Croydon	32·0	-4	NE	2	qf	37	35	3	5	2	-	8	4	8	10	25
	S. Farnborough	31·6	-6	E	2	rf	35	34	2	5	-	-	8	8	-	5	-
	Boscombe Down	31·7	-2	NE'E	4	ido	35	34	4	5	-	-	8	4	8	9	40
	Calshot	31·3	-6	SSE	3	cjf	43	38	6	5	7	-	6	4	3	25	-
	Tangmere	31·4	-4	E	2	mo	40	39	6	5	-	-	8	8	-	25	-
	Lympne	32·3	-6	ESE	1	iro	38	36	6	5	7	-	8	4	8	8	-
	Manston	32·6	-6	SE	2	iG	40	38	6	5	-	-	8	5	8	8	25
2	Shoeburyness	32·5	-6	-	0	dd	40	38	5	5	-	-	8	8	-	13	-
	Felixstowe	32·6	-8	SE	3	c/r	41	40	6	5	-	-	8	3	8	20	40
	Gorleston	32·6	-18	ENE	5	cbc	44	34	7	5	7	1	5	4	3	30	72
	Mildenhall	33·2	-10	ENE	3	c	41	34	7	5	7	-	7	4	7	40	-
	West Raynham	33·8	-10	NE	2	cjp	39	34	7	5	7	-	7	5	7	25	-
	Waddington	34·4	-16	NNE	3	mo	39	34	6	5	7	-	7	4	5	50	57
3	Cranfield	33·4	-4	E'N	1	ido	34	33	4	5	-	-	8	8	-	50	-
	Honiley	32·5	-6	ENE	3	sso	35	32	5	5	-	-	8	4	8	12	25
4	Little Rissington	31·7	-6	ESE	4	rf	34	33	2	5	-	-	8	8	-	-	-
	Defford	31·9	-6	NE	3	mo	36	34	6	5	-	-	8	8	-	25	-
5	Bristol	30·4	-6	ESE	2	rs	35	34	4	5	2	-	8	8	-	11	-
	Hartland Point	87·3	0	SE	3	c	42	40	7	8	-	-	7	7	-	-	-
	Yeovilton	29·5	-4	E	3	rr	38	36	5	5	-	-	8	8	-	10	-
	Portland Bill	31·7	-2	SSE	5	rr	45	42	7	5	-	-	8	8	-	10	-
	Exeter	28·0	+8	SE	3	c	43	38	7	8	7	8	7	3	10	25	
	Plymouth	28·3	-2	W	2	qf	42	40	2	-	-	-	8	8	-	-	-
	St. Eval	28·1	+2	SW	3	pnD	45	38	7	8	7	-	8	4	4	5	15
	Lizard	27·4	0	NW'N	3	c	47	40	8	8	2	-	8	4	4	15	40
	Guernsey	29·3	-6	SE'S	4	rr	43	42	5	5	-	-	8	4	8	-	4
6	Scilly, St. Marys	27·3	-2	WNW	4	bc	49	41	9	3	6	-	4	4	2	20	-
	Fairwood	28·6	-6	SSE	4	c/r	39	36	6	5	-	-	8	4	8	10	15
	Pembroke	28·2	-6	ESE	6	mo	42	42	5	5	-	-	8	8	-	15	-
	Aberporth	28·6	-2	SSE	5	mo	37	34	6	5	7	-	8	5	8	45	-
7	Holyhead (Valley)	30·4	-4	SE	3	c	40	38	7	5	7	-	7	3	7	30	-
8	Hawarden	33·0	-12	S'W	2	cf	34	32	3	5	-	-	8	8	-	40	-
	Manchester	32·6	-12	E	3	2o	40	32	5	5	7	-	7	5	7	40	-
	Squires Gate	32·6	-16	E	4	mo	38	33	5	5	7	-	8	4	8	25	-
	Carlisle	34·3	-10	NE	3	mo	36	33	5	5	7	-	7	4	7	25	-
9	Finningley	33·7	-14	ENE	2	c/r	35	31	4	5	7	-	7	4	7	40	-
10	Spurn Head	34·8	-10	E	4	c	44	39	7	5	-	-	8	6	-	-	-
	Leeming	34·9	-10	E	2	c	38	31	8	5	-	-	7	7	-	40	-
	Tynemouth	35·7	-4	SE	4	PR	42	33	7	8	-	-	7	7	-	18	-
	Acklington	35·8	-12	ESE	3	cbc	43	34	8	5	-	6	5	3	4	25	40
11	St. Abb's Head	35·8	-8	SE	4	iro	40	40	6	7	-	-	7	7	-	15	-
	Leuchars	37·0	-12	E	1	cbc	37	21	7	5	7	2	5	4	3	30	-
	Bell Rock	36·6	-6	ESE	5	c.bc	44	31	8	2	4	6	5	4	-	25	-
12	Renfrew	35·4	-8	ESE	1	cf	33	33	3	5	-	6	6	6	-	35	-
	Prestwick	33·9	-8	E	4	c	37	32	7	5	7	-	6	3	6	31	-
	Wigtown	33·4	-20	E	4	c sh	39	31	7	8	7	-	8	3	3	15	40
	Eskdalemuir	35·3	-6	NE'E	4	~~plc~~	32	31	7	5	-	-	8	8	-	22	-
	Point of Ayre	31·8	-6	SE	6	c	43	34	8	5	7	-	8	2	3	25	40
13A	Tiree	33·7	-10	ESE	5	c	42	31	8	8	7	-	7	2	4	15	25
	Benbecula	35·1	-2	ESE	3	c	39	35	8	-	7	6	6	4	5	79	-
13B	Stornoway	37·1	-8	ESE	2	bbc	40	30	8	5	-	1	3	1	3	30	-
15	Cape Wrath	38·0	+2	S	1	cbc	39	24	9	5	3	-	5	4	1	25	-
	Dalwhinnie																
	Aberdeen	38·3	-10	WNW	2	cbf	23	18	3	5	-	6	5	4	5	40	-
	Rattray	37·8	-6	-	0	cbc	37	25	7	5	-	-	5	5	-	30	-
	Lossiemouth	38·5	-12	S	1	mo	27	25	6	5	-	5	3	3	-	-	-
	Wick	38·5	-2	W	1	bbc	33	27	7	-	3	5	3	3	2	-	-
16	Hatston	38·3	+2	SW	3	c.bc	38	31	8	5	-	-	5	5	-	35	-
	Lerwick	35·6	-4	SSW	6	rs/s	38	38	6	6	-	-	8	5	8	8	15
17	Blacksod Point †	31·4	-14	E	6	rs/s	42	40	7	6	-	-	8	8	-	-	-
18	Malin Head †	29·4	-10	SSE	5	cbc	43	32	8	5	-	-	4	4	-	25	-
	Aldergrove	30·1	-8	SE'E	5	c	42	32	7	7	3	6	7	3	4	15	25
19	Cas. Archdale	26·9	-4	E	5	iro	38	34	7	5	7	-	7	5	7	8	-
	Birr Castle †	33·8	+2	SW	1	c	46	39	8	8	-	-	6	6	-	15	-
20	Collinstown †	28·4	-2	SE'E	5	iro	41	37	7	5	-	-	6	6	-	12	-
	Rineanna †	33·7	+18	S'E	4	rr	41	39	8	5	2	-	8	8	-	20	-
	Valentia †	34·1	+14	SWW	5	rr	41	37	7	5	-	-	8	8	-	16	-
	Roches Point †	35·4	+6	W	3	cbc	45	41	8	3	-	3	5	4	-	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
30·9	0	[illegible]	2	cfo	39	3		5	-	-	8	8	-	11	-	1
31·0	+2	-	0	do	38	36	3	-	2	-	8	8	-	12	-	1
30·6	-2	E'N	2	cf	37	36	3	5	-	-	8	8	-	4	-	1
30·0	-4	ENE	3	rsro	35	35	4	5	-	-	8	8	-	15	-	1
29·8	-6	ESE	5	dodo	43	40	7	5	-	-	8	4	8	12	25	1
30·1	0	E	3	rso	40	38	5	5	-	-	8	8	-	15	-	1
31·1	-6	NE	2	ldo	37	37	5	6	-	-	6	6	-	11	-	1
31·3	-2	-	0	mo	38	37	5	5	2	-	8	3	8	25	-	1
31·4	0	-	0	o	39	38	5	5	-	-	8	8	-	18	-	1
31·3	-2	NE	2	rsro	40	39	6	5	-	-	8	8	-	22	-	1
32·4	4	E	4	rsro	42	38	6	5	-	-	8	8	-	25	-	1
32·2	-4	-	0	rsrp	36	34	5	5	-	-	8	8	-	23	-	1
32·4	-4	ENE	2	c/d	39	37	6	5	-	-	7	4	7	15	40	1
32·8	-2	NNE	3	mo	36	34	6	5	-	-	8	8	-	35	-	1
32·1	-4	ENE	3	dp	35	35	2	5	-	-	8	8	-	5	-	1
31·9	-2	E	2	rsro	35	35	5	6	2	-	8	3	8	6	15	1
30·4	-2	ESE	4	F	34	34	1	-	-	-	3	9	-	-	-	1
30·6	-6	ENE	4	c/d	36	35	4	5	-	-	8	4	8	15	25	1
29·5	+2	E	1	rp	36	36	3	5	2	-	8	4	8	8	15	1
27·3	+4	E	3	c/r	42	38	7	8	-	-	7	7	-	-	-	1
29·9	-6	NE	3	rr	42	37	6	5	-	-	8	8	-	8	-	1
28·3	+6	NE	2	ido	39	38	4	5	7	-	8	4	5	10	25	1
28·2	+2	-	0	m	41	39	4	8	-	-	4	4	-	10	-	1
28·5	+2	NW	2	pro	40	39	6	8	-	-	8	8	-	10	-	1
28·0	+6	WNW	3	bc	44	37	8	2	-	-	4	4	-	25	-	1
29·4	+4	W'S	2	c	43	39	8	5	7	-	8	3	5	6	15	1
28·2	+6	W'N	5	bc	45	35	8	3	-	-	4	4	-	-	-	1
28·1	0	ESE	4	rso	39	37	6	5	-	-	8	5	8	8	15	1
27·6	+4	NE	3	RP	41	41	6	5	-	-	8	8	-	20	-	1
28·2	+2	S'E	4	rso	37	34	6	5	7	-	7	3	5	16	25	1
28·8	-2	-	0	rso	38	37	5	5	7	-	8	4	8	20	-	1
29·2	0	SE	3	c/r	36	34	5	5	-	-	8	4	8	15	15	1
29·3	+2	ESE	3	2o	39	32	6	5	-	-	8	8	-	60	-	1
29·0	-2	ESE	3	rso	38	33	6	-	2	-	8	8	-	25	-	1
29·9	-4	NE	3	mo	36	32	5	5	3	-	5	4	4	45	-	1
29·6	-4	ENE	2	mo	36	33	6	5	-	-	8	8	-	49	-	1
29·7	-4	ESE	3	c	42	42	7	5	-	-	8	8	-	29	-	0
29·4	-6	E	3	c	38	30	8	5	-	-	8	8	-	40	-	1
29·3	-4	ESE	4	pro	43	33	7	8	-	-	8	8	-	18	-	1
29·0	-4	E	4	c	40	38	7	5	-	-	7	7	-	20	-	1
29·3	-4	ESE	3	c	42	42	7	5	-	-	8	8	-	25	-	0
29·4	-6	E	3	c	38	30	8	5	-	-	8	8	-	40	-	1
29·3	-4	ESE	4	pro	43	33	7	8	-	-	8	8	-	18	-	1
29·0	-2	E	4	c	40	38	7	5	-	-	7	7	-	20	-	1
29·3	-8	SE	3	c	42	32	7	5	2	-	7	4	6	55	-	1
29·5	-6	[illegible]	3	c	39	31	7	5	-	-	8	8	-	40	-	3
29·8	-6	[illegible]	2	c.bc	34	31	7	5	-	-	5	5	-	22	-	4
30·5	-6	SE	6	c	45	34	8	5	7	-	8	5	8	15	-	0
29·7	-2	ESE	5	c	42	32	7	8	7	-	8	2	4	15	40	1
29·7	-10	E	4	c	40	31	7	8	7	-	8	3	6	25	-	0
29·1	-2	SE	3	b.bc	37	29	8	-	-	-	8	3	-	-	-	5
29·9	-6	S	1	b.bc	37	22	9	4	-	-	3	3	-	35	-	9
29·0	0	SE	1	c	32	29	7	5	-	-	6	6	-	10	-	83"
27·8	-2	WNW	2	cf	25	21	3	5	-	6	6	4	6	40	-	8
26·9	0	-	0	c	37	32	7	8	-	-	7	7	-	30	-	7
28·2	-2	S	1	b	20	18	7	-	-	8	2	2	-	-	-	7
27·8	-2	-	0	b.bc	27	25	7	-	-	-	2	2	-	-	-	4
28·0	-2	SW	3	b	33	32	8	5	-	-	8	8	-	40	-	3
26·9	-6	SW	3	c/pr	38	34	8	7	-	-	6	6	-	16	-	1
27·8	+10	S'E	6	rs/s	44	40	7	6	2	-	6	4	-	8	-	1
28·6	+2	SE	5	c	43	35	7	5	-	-	6	6	-	25	-	0
28·6	-6	ESE	5	c/ro	41	35	7	5	2	-	8	4	8	12	-	1
26·9	+4	ESE	4	mo	39	36	6	5	-	-	7	5	7	11	15	1
25·4	+10	S	1	c.bc	40	34	8	8	-	-	8	5	-	15	-	1
28·1	0	SE'E	3	c	42	38	7	8	-	-	8	8	-	14	-	1
26·0	+14	ESE	2	c.bc	38	38	8	8	-	-	8	8	-	25	-	2
26·3	+20	WNW	5	prs/s	44	40	6	8	-	-	5	7	-	14	-	2
25·9	+6	W'S	2	c.bc/pr	43	41	8	3	7	-	5	4	-	15	-	1

OBSERVATIONS during DAY (3rd)

State of Ground. 0–9 (33)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	cfrxro	c/s/rf	40	0·0	0·3
1	cmxfdo	cfrorododo	39	0·0	0·4
1	cffcmzcf	cfrorocf	37	0·0	0·4
1	cmoxfbcm	cmidorolo	37	0·0	1·2
1	cmoidocmc	cdocdd		0·0	5
1	ododomcmo	cmororo	44	0·0	0·4
1	crorocro	omocdomo	40	0·0	Tr
1	cdodomo	irocmo	40	0·0	0·1
1	ododomo	omo	41	0·0	0·2
1	crorocmo	croromo	42	0·0	3
1	c	crorozo	45	0·0	4
1	c2omoc2o	crromo	41	0·4	0·8
1	ccmocjp	cjprocdomo	40	0·0	0·3
1	cmo	cjcmo	39	0·0	Tr
1	cmoido	crorocdof	35	0·0	2
1	cfmoso X	odoromo	36	0·0	5
1	cmo8fof	orrfof	35	0·0	1
1	cmo	cdorfodcfbo	37	0·0	Tr
1	cfrosomx	crodororolf	37	0·0	7
1	c	rrrorc	45	0·0	15
1	11grr	rr rr	46	•	14
1	e	gcdom	44	0·0	0·2
1	bcm	frorocmo	44	0·0	2
1	bcmzkq	clrqocpr	43	0·3	5
1	ephrc	bcbc	47	2·1	9
1	r		45	0·0	25
1	cpqbc	pqcbc	49	2·0	2
1	crorombcmo	cusidorromo	39	0·0	2
1	cm	cmirocrr	42	0·0	9
1	ocirrsoic	cmocirromo	38	0·0	1
1	bmobcc	crromo	41	0·7	2
1	cffx	fcrorom	38	0·0	1
1	bcmocmo	c2o	40	0·0	-
1	bcmocmo	cmowcroc	39	0·0	Tr
1	cmox	cmo	39	•	-
1	cfcromcm	cmo	37	0·0	1
1	o	o	44	0·0	-
1	cbcmocx	cbcc	39	0·0	-
1	cphrcpr	cprcpr	44	*	1
1	cprmophc	cprc	43	0·4	2
0	cmoirc	bcmoc	43	•	0·4
6	cjfffrbc	bccprorymo	42	0·3	0·2
*	bcc	cbc	*	*	*
1	oFxpso	cfccm	38	0·0	Tr
1	cmobcc	bccmoc	39	•	-
3	b2obcc	ccmo	40	•	-
4	exshishx	cibxc	35	0·0	1
0	c	c	44	0·0	-
1	c2oc	c	43	0·0	-
0	exc	c	40	•	-
5	b	bcb	42	3·3	-
9	cbc	b	38	•	-
83"	.	c	33	0·0	-
8	bbcff	bccfffphffff	26	0·0	0·3
7	bcc	c	40	•	-
7	b2o	cmocbc	30	-	-
4	bbc	bcb	37	4·7	-
3	bcc	cbcb	39	0·3	-
1	crsrsccsrs	crorormopro	41	0·0	6
1	r		44	•	0·6
1	c	c	44	0·0	-
1	c2o	r	42	0·0	Tr
1	cmocirs	crrbccmo	40	0·0	0·2
1	pr	c	46	1·2	0·6
1	r	r	42	0·0	11
1	pr	pr	42	0·0	8
2	r	pr	45	0·0	20
1	c	pr	47	•	0·6

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

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

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

‡ See footnote p. 4.

* Information not usually received.

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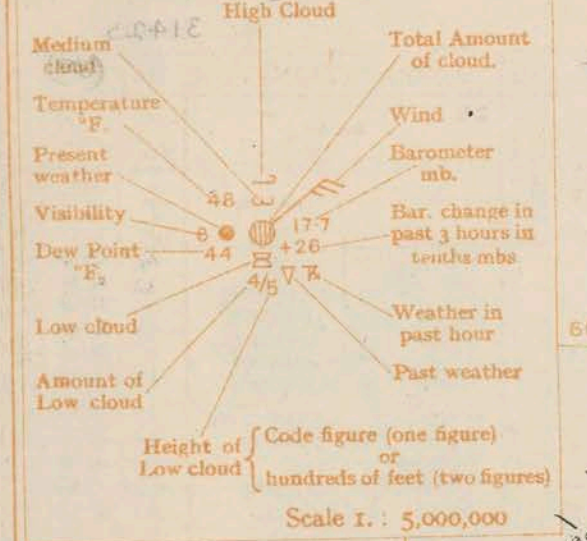
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

STATION MODEL



Scale 1. : 5,000,000

6h Thursday 4th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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	cf fw 0	cv o ff	cv o f c fr o m	40	38	35	0·3	2	0·0	*	*
Croydon	cm o f c lo	cf r o d d o	cf r o m	39	36	34	0·4	2	0·0	81	95
Greenwich	cv o f m	cv o c l o m	cv o n f	39	37	35	0·3	2·3	0·0	91	97
Westminster	*	*	*	41	38	37	1·6		*	87	96
Regents Park	*	*	*	40	37	35	Tr	2·0		91	95
Camden Square	0	0	*	42	37	35	0·5	1·5	*	*	96
Kensington	o f	o f	*	40	38	34	Tr	2·0	*		94
Hampstead	o d	o d m	o r m	39	35	32	0·9	1·5		*	96

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

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

HIGH

LOW

LOW

LOW

HIGH

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

GENERAL INFERENCE

A trough of low pressure from Northern Ireland to the Isle of Wight is drifting very slowly northeastwards. A polar low to the Southwest of Ireland is moving eastward into the English Channel. Scattered showers and bright periods will occur in Southwest England today and will gradually spread into all Southern districts of England. Over the rest of England and Wales it will be dull with occasional rain or drizzle and with considerable fog during morning and night especially near large towns and industrial districts. In Southern Scotland and Northern Ireland it will be rather cloudy with local rain or showers and in North Scotland it will be mainly fair. It will be rather cold or cold generally.

FURTHER OUTLOOK

Doubtful in Southern districts of England and Wales but probably less cold than of late. Elsewhere little change.

Chart of Weather in the Northern Hemisphere.

Morning of Thursday 4th December 1947

LOW 1012 · LOW · LOW 1008 · HIGH · HIGH · HIGH · HIGH · LOW 980 M · LOW 984 G · LOW · LOW

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

Statute Miles 0 1000

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

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

Thursday 4th December 1947 — No. 31423

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. Low. A. (15)	Height of Base Hundreds of feet. Low. B. (16)
1	Kew	18	*	*	*	*	*	38	*	*	*	*	*	*	*	*	*	*
	Croydon	217	89·7	−6	–	0	rofo	37	36	4	5	–	–	8	8	0	9	–
	S. Farnborough	226	89·2	−8	ENE	3	m/f	37	36	4	5	–	–	8	8	0	30	–
	Boscombe Down	417	88·3	−6	NE	3	rofo	37	36	5	6	2	–	8	5	8	5	4
	Calshot	8	89·0	−6	ENE	2	dd	41	41	7	5	–	–	8	4	8	8	25
	Tangmere	53	88·3	−12	ESE	3	rofo	41	41	5	5	–	–	8	8	0	10	–
	Lympne	347	90·1	−6	SSW	2	c/d	39	37	6	5	–	–	8	8	0	13	–
	Manston	140	90·4	−6	SSW	2	mo	39	39	5	5	2	–	8	5	8	5	15
2	Shoeburyness	11																
	Felixstowe	10	90·0	−8	N'E	3	c/r	39	37	6	5	–	–	8	3	8	37	40
	Gorleston	5	90·8	−8	NNW	2	rofo	41	39	6	6	2	–	8	5	3	10	40
	Mildenhall	15	91·2	−6	–	0	rofo	34	34	5	5	2	–	8	4	8	4	40
	West Raynham	250	90·9	−10	ENE	2	rofo	37	36	6	5	–	–	8	4	8	16	25
	Waddington	235	92·0	−6	NNE	3	rofo	36	36	5	5	–	–	8	8	0	10	–
3	Cranfield	340	90·7	−6	NE	1	rofo	36	34	4	10	–	–	9	9	0	–	–
	Honiley	427	90·5	−2	NE	2	rofo	35	34	4	6	2	–	8	3	8	5	15
4	Little Rissington	731	89·6	−6	ENE	2	df	35	35	1	–	–	–	9	9	0	–	–
	Defford	58	90·5	−2	–	0	m	35	35	4	5	–	–	8	8	0	8	–
5	Bristol	209	89·5	−2	E	1	cf	35	34	3	6	2	–	8	3	8	5	15
	Hartland Point	299	98·1	+4	SW	3	b-bc	41	37	8	2	4	–	3	3	2	–	–
	Yeovilton	50																
	Portland Bill	32	90·1	0	NE	2	c	41	36	6	5	–	–	6	6	0	10	–
	Exeter	100	89·3	+6	NE	1	f	35	35	1	–	–	–	9	9	0	–	–
	Plymouth	86	89·2	+2	–	0	mo	37	35	5	5	–	–	3	3	0	15	–
	St. Eval	345	88·9	0	–	0	b	39	36	8	–	–	–	8	0	0	–	–
	Lizard	240	89·0	+4	NW'W	4	ir	45	38	7	5	–	–	8	8	0	15	–
	Guernsey	340	90·0	+6	NW'W	4	c/pr	42	37	8	8	6	–	6	4	5	12	25
	Scilly, St. Marys	163	89·2	+6	WNW	5	bc	45	39	9	3	–	–	4	4	0	–	–
6	Fairwood	268	89·0	+6	SE	3	mo	38	37	5	–	2	–	8	8	0	10	–
	Pembroke	142	88·1	+4	E	3	ir	41	41	6	5	–	–	5	5	0	15	–
	Aberporth	425	88·4	+2	SSE	3	c	37	34	6	–	7	–	7	7	0	–	–
7	Holyhead (Valley)	32	89·1	+2	E	3	mo	39	36	6	5	–	–	6	6	0	28	–
	Hawarden	15	92·0	0	–	0	m/f	34	34	4	5	–	–	8	4	8	16	40
8	Manchester	230	91·0	−4	E'N	2	ir	37	36	6	5	–	–	8	8	0	12	–
	Squires Gate	33	91·5	−2	E	3	rofo	37	33	5	5	–	–	8	8	0	19	–
	Carlisle	100	90·7	−6	ENE	3	mo	37	34	5	5	1	–	8	6	8	20	–
9	Finningley	28	91·8	−2	SE	2	rofo	38	34	6	5	–	–	8	8	0	27	–
10	Spurn Head	29	91·7	−4	E	5	rofo	43	43	7	8	–	–	8	8	0	–	–
	Leeming	105	92·6	−4	N	1	c	34	33	7	5	1	–	8	1	8	35	–
	Tynemouth	108	93·4	−2	E	4	c	41	35	7	8	–	–	7	7	0	18	–
	Acklington	138	94·2	−2	E	5	ir	40	35	7	5	–	–	8	3	8	27	40
11	St. Abb's Head	280	94·6	+2	E	4	mo	41	36	7	5	–	–	8	5	8	30	–
	Leuchars	31	95·1	−8	E	4	c	40	32	7	5	1	–	6	3	6	30	–
	Bell Rock	–	95·2	0	ESE	5	bc	42	32	8	7	–	–	4	4	–	25	–
12	Renfrew	35	93·8	−4	ESE	3	ir	37	34	6	5	7	–	7	4	7	35	–
	Prestwick	30	92·2	−6	ENE	4	c	37	32	7	5	1	–	8	2	5	38	40
	Wigtown	19	92·3	0	E	3	mo	37	33	6	5	1	–	5	3	5	22	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	90·5	0	SE	5	c	43	37	8	6	2	–	8	4	8	10	–
13A	Tiree	44	92·0	−2	ESE	6	c	43	34	8	5	7	–	8	1	4	12	25
	Benbecula	27	93·2	−2	E	3	bc	37	29	8	5	4	–	4	3	2	25	–
13B	Stornoway	12	95·3	−4	SE	4	b	38	32	8	–	–	–	0	0	0	–	–
	Cape Wrath	367	96·3	−8	SE	2	b	38	26	9	4	–	–	2	2	0	35	–
15	Dalwhinnie	1176																
	Aberdeen	79						25										
	Rattray	46	95·8	−8	ESE	3	bc	39	31	7	5	–	–	4	4	0	30	–
	Lossiemouth	21	97·2	0	S	1	mo	22	19	7	5	–	–	0	0	0	–	–
	Wick	114	96·7	−6	–	0	b	25	23	7	5	–	–	2	2	0	35	–
16	Hatston	45	97·4	−2	–	0	b	31	27	7	5	3	–	2	2	1	30	–
	Lerwick	269	97·2	−4	WSW	3	c	37	35	8	8	–	–	7	4	5	18	40
17	Blacksod Point †	18	84·7	+10	S'E	4	c/r	44	40	7	6	–	–	8	8	–	8	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	89·6	+8	E'S	5	c	40	36	6	5	–	–	8	4	8	22	25
	Cas. Archdale	225	87·3	+4	E	3	mo	39	37	6	5	–	–	8	8	0	25	–
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	88·5	+6	E'N	2	cr	39	37	6	5	2	–	8	8	–	14	–
20	Rineanna †	13	88·1	+10	SW	2	rofo	40	40	7	8	–	–	8	8	–	37	–
	Valentia †	30	87·8	+6	N	3	c-bc	46	38	8	8	6	3	5	4	–	17	–
	Roches Point †	22	87·9	+14	W'N	2	ir	43	43	8	6	2	–	6	4	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. Low. A. (31)	Height of Base Hundreds of feet. Low. B. (32)	State of Ground. 0–9 (33)
1	Kew																	
	Croydon	29·4	−2	NNE	2	mo	39	35	5	5	–	–	8	8	–	21	–	1
	S. Farnborough	30·0	+6	NE	2	rofo	37	36	5	5	–	–	8	8	–	30	–	1
	Boscombe Down	29·8	+6	NE'N	2	rofo	38	37	4	5	–	–	8	8	–	–	–	1
	Calshot	31·0	+14	WNW	2	dd	35	34	6	5	–	–	8	4	8	12	15	1
	Tangmere	30·8	+10	WNW	3	mo	39	38	5	5	–	–	8	8	–	10	–	1
	Lympne	29·3	+10	–	0	mo	39	39	5	5	–	–	8	8	–	10	–	1
	Manston	29·7	0	NE'E	3	ir	38	37	5	5	–	–	7	7	–	10	–	1
	Shoeburyness	30·0	0	–	0	ido	38	38	5	5	2	–	8	4	8	11	–	1
2		30·1	0	–	0	o	38	36	5	5	–	–	8	8	–	18	–	1
	Felixstowe	30·6	+6	–	0	iro	39	37	6	5	2	–	8	8	–	62	–	1
	Gorleston	30·4	+2	NW	2	dodo	40	38	6	–	2	–	8	8	–	20	–	1
	Mildenhall	30·9	0	–	0	rf	34	34	2	–	–	–	9	9	–	0	–	1
	West Raynham	30·5	−4	–	0	rofo	36	36	6	5	2	–	8	4	8	20	–	1
	Waddington	31·2	−2	N	3	rofo	36	36	5	5	–	–	8	8	–	15	–	1
3	Cranfield	30·8	+2	NE'N	1	rF	35	34	0	–	–	–	9	9	–	0	–	1
	Honiley	30·7	+2	–	0	Ft	35	35	1	–	–	–	9	9	–	0	–	1
4	Little Rissington	30·4	+6	–	0	rF	34	34	1	–	–	–	9	9	–	0	–	1
	Defford	31·0	+4	–	0	m	35	35	4	5	–	–	8	8	–	10	–	1
5	Bristol	31·0	+10	SW	1	cf	35	35	3	–	2	–	8	8	–	8	–	1
	Hartland Point	28·7	0	WNW	2	ir	43	41	8	8	–	–	7	7	–	–	–	1
	Yeovilton	30·2	+10	–	0	m	35	35	4	5	–	–	8	8	–	–	–	1
	Portland Bill	31·1	+10	NW	3	c	39	36	6	1	–	–	6	6	–	10	–	1
	Exeter	31·3	+14	NW	1	fft	36	36	2	–	–	–	9	9	–	0	–	1
	Plymouth	30·5	+4	–	0	cbc/pr	35	35	5	5	–	–	5	5	–	18	–	1
	St. Eval	30·8	+10	WNW	4	cbc	45	39	8	2	–	–	5	5	–	20	–	1
	Lizard	29·9	+2	NW	4	c/pc/pr	43	41	8	5	–	–	5	5	–	15	–	1
	Guernsey	31·6	+8	WNW	5	cbc/pr	44	38	7	8	–	–	5	3	4	8	15	2
	Scilly, St. Marys	31·5	+8	W'N	4	pr	45	40	9	3	–	–	5	5	–	–	–	1
6	Fairwood	29·8	+6	ESE	2	mo	37	35	5	5	3	–	4	3	3	12	–	1
	Pembroke	29·1	+6	E	1	rr	42	42	7	8	–	–	6	6	–	20	–	2
	Aberporth	29·5	+8	S'E	4	bc	35	32	6	5	–	–	4	4	–	45	–	1
7	Holyhead (Valley)	29·7	+2	E	3	mo	37	35	5	5	–	–	8	8	–	30	–	1
	Hawarden	31·9	0	–	0	m	34	34	4	5	–	–	8	8	–	12	–	1
8	Manchester	30·9	0	–	0	mo	34	34	5	5	–	–	8	8	–	40	–	1
	Squires Gate	31·5	+2	E	3	c	36	35	7	5	2	–	8	3	8	30	–	1
	Carlisle	32·1	+2	ENE	3	c/r	37	36	6	5	2	–	8	4	8	18	–	1
9	Finningley	31·2	−2	NW	1	rf	34	34	3	5	2	–	8	2	8	15	–	1
10	Spurn Head	30·9	−2	ENE	3	c	42	40	7	8	–	–	7	7	–	–	–	1
	Leeming	32·4	−2	–	0	c	34	33	7	–	1	–	8	8	–	–	–	1
	Tynemouth	32·6	−4	E	4	dpr	41	35	7	8	–	–	7	7	–	18	–	1
	Acklington	33·8	0	ENE	3	c	39	31	7	5	–	–	8	6	8	15	40	1
11	St. Abb's Head	33·5	−4	E	2	c	40	35	7	7	–	–	7	7	–	30	–	1
	Leuchars	34·7	−2	E	4	cbc	40	29	7	5	–	–	5	5	–	30	–	1
	Bell Rock	35·0	−4	ESE	5	c	42	31	8	8	2	–	7	3	–	25	–	1
12	Renfrew	33·2	−2	SE	3	c	38	32	7	5	2	–	8	3	8	35	–	1
	Prestwick	32·1	−2	ENE	3	c	38	33	7	5	–	–	7	3	6	25	40	1
	Wigtown	32·2	0	E	4	c	38	35	7	5	7	–	6	3	6	30	–	0
	Eskdalemuir	33·0	−2	NE'E	2	dodo	34	33	6	5	–	–	8	8	–	19	–	4
	Point of Ayre	30·6	0	SE	3	c	43	38	8	5	2	–	8	5	8	10	–	0
13A	Tiree	91·2	−6	ESE	5	c	41	33	7	5	7	–	8	4	4	20	–	1
	Benbecula	92·0	−8	E	3	c	40	32	8	5	1	–	7	4	6	22	–	1
13B	Stornoway	94·5	−6	SE	5	cbc	39	31	7	5	–	–	5	3	4	40	–	3
	Cape Wrath	95·7	−2	SE	2	b	37	21	9	–	–	–	0	0	0	–	–	4
15	Dalwhinnie																	8
	Aberdeen	96·3	−2	–	0	2o	38	24	5	5	–	–	8	8	–	40	–	6
	Rattray	95·0	−4	ESE	3	c	39	29	7	8	–	–	7	7	–	30	–	4
	Lossiemouth	96·4	−4	S	2	b	26	23	6	5	–	–	2	2	–	35	–	3
	Wick	96·2	−2	–	0	c	32	29	8	5	–	–	7	7	–	21	–	4
16	Hatston	96·6	−4	–	0	bc	33	31	7	5	–	–	4	4	–	30	–	3
	Lerwick	97·1	−6	SW	1	bc	36	32	8	–	3	–	4	2	4	21	–	3
17	Blacksod Point †	85·9	+4	SSE	3	c	43	41	7	6	–	–	7	7	–	8	–	2
18	Malin Head †	88·6	−2	SE	3	iv	42	38	7	5	2	–	8	4	–	15	–	1
	Aldergrove	89·4	−2	SE	3	iro	40	39	5	5	–	–	8	4	6	13	15	1
	Cas. Archdale	88·2	+2	SE	2	mo	38	36	6	5	–	–	7	7	–	11	–	1
19	Birr Castle †	88·6	+10	S	1	bc	36	34	8	5	–	–	4	4	–	25	–	1
	Collinstown †	89·3	+2	E'S	2	cbc	37	37	8	8	3	–	5	4	–	20	–	2
20	Rineanna †	89·3	+2	E'S	2	pro	37	37	8	8	6	–	7	5	–	25	–	1
	Valentia †	88·6	+2	S	1	b-bc	39	35	8	8	3	–	3	3	–	25	–	1
	Roches Point †	89·7	+10	NNW	2	b	39	37	8	5	–	–	2	2	–	25	–	1

OBSERVATIONS Wednesday 9 h. NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 22h.–06h. Min. °F. (41)	Temperature 22h.–06h. Min. on Grass °F. (42)	Rain mm. (43)
1	Kew					
	Croydon	cr cr fr fr cr m	cir cir mo	38	35	2
	S. Farnborough	cf cf cr m	ci cr cr mc	36	34	2
	Boscombe Down	cf cm cr fr cm	cr cr fo	36	33	2
	Calshot	cm cr o	cr cr cr c	33	33	4
	Tangmere	cd d d o	cd d cm o	37	37	4
	Lympne	cm o cr cr m o	cir cir mc	33	29	5
	Manston	cir d m o cm o	cm o cir o	37	36	0·5
	Shoeburyness	cm o cir o o m	cm o ido	35	30	0·3
2		o	m o	35	32	Tr
	Felixstowe	cr cr m fr m o	cm o cir o	37	34	0·6
	Gorleston	cr cr z	o d o z o	39	··	1
	Mildenhall	cr o cr m	cr cr m f	33	31	2
	West Raynham	cir d cr fr m o	cr cr ff	36	33	3
	Waddington	cm cr cr o	cm o cir o	35	33	6
3	Cranfield	cir o m cr ff	cr f	34	33	1
	Honiley	cr o cr m o	o cr cr f	34	32	1
4	Little Rissington	~~cf cd f~~ f d f o f	f r f	34	33	3
	Defford	o m o i r m o m	cir m o f	35	33	1
5	Bristol	ors m z f	cir m o f	34	32	1
	Hartland Point	c d c	cp ir	38	37	7
	Yeovilton		c m	32	30	4
	Portland Bill	cc	c	37	*	0·1
	Exeter	cir d m b f f	f f	34	26	2
	Plymouth	cm o r b m o	b c m o x p h r	33	27	2
	St. Eval	pr m o b c b	b c p r c	39	38	2
	Lizard	b c c i r	c p r	40	*	2
	Guernsey	cr o	c p r o	39	32	11
	Scilly, St. Marys	ph pq u b c	c q p	40	*	4
6	Fairwood	cr o r p m o	cm o b c m o	36	31	3
	Pembroke	cm b c m i r	cr r cr r	40	*	7
	Aberporth	cir o r o f m o	cm o b c m o	34	30	Tr
7	Holyhead (Valley)	cir m o	cm o	34	30	Tr
	Hawarden	cr m o f c m	o m	33	31	0·5
8	Manchester	cm o cir o m o	cir o m o c	34	31	2
	Squires Gate	id o d d f o r m o	k b v m o c c	35	32	0·6
	Carlisle	cb c c m o w	cp r o cir o	35	31	0·2
9	Finningley	o r o r o	cr o r o m	34	32	3
10	Spurn Head	o r o r o	o	40	*	8
	Leeming	c	cir o c	33	30	Tr
	Tynemouth	c p r c	c e p r c	40	37	2
	Acklington	c p r e cir o	cir o cm o	37	33	4
11	St. Abb's Head	c	b c c	36	*	Tr
	Leuchars	b c c	c	38	35	0·2
	Bell Rock	b c	b c, c	*	*	*
12	Renfrew	cir s o r o m	cir o c	35	31	0·1
	Prestwick	c	c	35	33	Tr
	Wigtown	b f b f s s s c z o	cm o c	35	32	Tr
	Eskdalemuir	cr o i o c	cp i o c	32	31	0·5
	Point of Ayre	c	c	41	*	*
13A	Tiree	c	c	40	38	-
	Benbecula	c b c	b c c	37	34	-
13B	Stornoway	b	b b c	36	30	-
	Cape Wrath	b	b	38	30	-
15	Dalwhinnie			24	20	-
	Aberdeen	eff b c m	b c m o c m	23	20	-
	Rattray	b c b c	c	28		-
	Lossiemouth	b c m		16		-
	Wick	b b c b x	b x c	21	16	Tr
16	Hatston	b	b b c	30	21	-
	Lerwick	c p r o m b x c	c p r o b c x	34	19	0·3
17	Blacksod Point †	c r r c	c	39	*	9
18	Malin Head †			40	*	3
	Aldergrove	c r o r c m o	cir o r m o	38	37	6
	Cas. Archdale	o m o cir o c d o	cm o	37	31	-
19	Birr Castle †		p r	33	25	2
	Collinstown †	r r	c	35	29	11
20	Rineanna †	c	c	35	32	1·6
	Valentia †		b c	36	30	
	Roches Point †	c i r o	b.	39	*	1

The DAILY WEATHER REPORT is issued in three Sections:– British, International, Upper Air.
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* Information not usually received.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

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

Friday 5th December 1947 — No. 31424

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. (12)	Amount. Low. A. (13)	Amount. Low. B. (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	93·0	+10	W'N	2	c/f	40	38	5	5	–	–	8	8	–	21	–
	Croydon	92·8	+4	SW	2	c/f	39	38	5	5	–	–	7	4	6	4	25
	S. Farnborough	93·5	+14	WSW	1	c/f	38	37	4	5	–	–	8	8	–	7	–
	Boscombe Down	94·0	+10	SSW	2	Mo	36	36	5	2	–	–	7	8	4	18	25
	Calshot	94·7	+16	NW	1	20	40	28	5	5	2	–	8	3	8	25	–
	Tangmere	93·5	+26	–	0	mo	41	38	5	5	–	–	8	8	–	10	–
	Lympne	92·3	+16	–	0	Ao	41	39	6	5	–	–	7	4	7	9	15
	Manston	92·2	+12	NW	2	do	40	40	5	5	–	–	8	4	8	10	25
2	Shoeburyness	92·4	+2	NW	1	do	41	39	5	–	7	4	7	7	–	–	–
	Felixstowe	92·0	+10	NW	2	m	40	38	4	5	1	2	7	5	2	25	–
	Gorleston	91·7	+4	W	2	c-bc	42	39	7	3	7	–	5	4	3	20	40
	Mildenhall	92·8	+8	–	0	cf	38	38	3	–	–	–	9	9	–	–	–
	West Raynham	91·7	+6	WSW	5	cf–	39	39	5	5	–	–	8	8	–	6	–
	Waddington	92·4	+12	NW	2	cf–	37	37	5	5	1	–	9	5	8	20	–
3	Cranfield	93·3	+10	W	1	F	37	36	2	–	–	–	9	9	–	–	–
	Honiley	93·0	+10	SW	1	cf–	36	36	3	5	–	–	8	8	–	4	–
4	Little Rissington	93·2	+10	–	0	c/f	36	35	4	5	–	–	8	8	–	3	–
	Defford	93·6	+6	S	1	f–	37	36	3	5	–	–	9	9	–	–	–
5	Bristol	93·6	+10	SSE	1	Mo	37	35	5	5	–	–	7	4	7	7	15
	Hurtland Point	91·7	+6	NW	3	c-bc	47	41	8	3	4	–	5	4	3	–	–
	Yeovilton	93·1	+6	–	0	mo	39	39	5	5	–	–	8	8	–	8	–
	Portland Bill	93·3	+6	SW	2	bc/f	47	43	6	1	–	–	4	4	–	10	–
	Exeter	93·1	+4	–	0	b/pr	44	41	5	8	4	–	2	1	2	15	25
	Plymouth	93·4	+2	SSW	1	mo	49	43	6	9	2	5	3	3	–	20	–
	St. Eval	93·0	+4	SW	4	c-bc/f	47	42	8	10	–	–	5	5	4	25	–
	Lizard	92·7	0	W'S	3	c	49	40	8	8	2	–	6	3	4	20	40
	Guernsey	95·2	+10	W'S	3	c-bc	45	40	8	8	6	–	5	3	3	8	25
	Scilly, St. Marys	92·1	-4	SW	3	c	50	39	9	8	–	–	7	4	4	19	57
6	Fairwood	92·4	+4	ESE	2	mo	48	37	5	5	–	0	4	2	4	10	25
	Pembroke	91·3	+4	W'N	1	mo	47	46	6	–	–	9	4	3	2	25	–
	Aberporth	91·7	+6	S'E	3	Mo	40	37	6	5	7	–	3	3	2	35	–
7	Holyhead (Valley)	91·5	+2	E	3	c-bc	36	34	7	–	3	2	5	4	4	–	–
	Hawarden	93·8	+6	S SE	1	c/f	38	36	7	5	–	–	8	8	–	20	–
8	Manchester	92·6	+4	–	0	m/f	39	37	4	5	–	–	8	4	8	15	40
	Squires Gate	93·1	+12	E	2	c/d	39	38	4	5	–	–	7	6	8	28	–
	Carlisle	93·5	+6	N E	3	c/b	39	36	6	5	1	–	6	6	4	20	–
9	Finningley	92·3	+2	NW	1	cf–	38	36	3	5	2	–	7	4	7	20	–
10	Spurn Head	92·0	+6	NE	2	c	43	43	5	8	–	–	7	6	–	15	–
	Leeming	93·2	+2	NNW	2	c/so	37	36	7	8	–	–	6	6	–	35	–
	Tynemouth	93·6	+2	E	4	c/pr	42	36	7	6	7	–	8	5	3	12	40
	Acklington	94·0	+2	E	4	c/r	41	37	8	5	–	–	8	3	8	20	25
11	St. Abb's Head	93·9	-4	E	3	9	41	36	6	5	–	–	8	7	8	30	–
	Leuchars	95·3	+2	SE	3	c	41	31	8	5	7	–	8	4	–	50	–
	Bell Rock	95·3	0	ESE	5	c	45	39	8	5	2	–	6	4	–	15	–
12	Renfrew	93·9	-2	SE	2	m	37	32	4	5	7	–	7	4	8	35	–
	Prestwick	93·0	0	ENE	3	c	40	32	7	5	9	8	6	3	4	25	40
	Wigtown	93·0	0	ENE	4	c/r	40	35	7	5	7	–	7	3	4	12	40
	Eskdalemuir	93·9	+2	NE	2	So So	34	32	7	6	2	–	5	5	8	19	25
	Point of Ayre	91·6	+4	SE'S	4	p/b	43	39	8	6	1	–	8	5	8	10	–
13A	Tiree	91·5	+2	ESE	8	c	43	32	8	5	3	6	6	4	4	15	–
	Benbecula	92·1	-2	ESE	3	c	42	29	8	5	2	2	7	3	4	22	–
13B	Stornoway	94·2	-6	SE	5	c	41	29	8	5	4	2	6	4	6	40	–
	Cape Wrath	94·3	0	SE	5	c-bc	39	24	9	–	–	6	5	5	–	–	–
15	Dalwhinnie																
	Aberdeen	96·2	-2	E'S	3	c	41	27	7	5	–	–	7	7	3	7	35
	Rattray	95·7	+2	ESE	3	c	40	30	7	8	–	–	7	7	4	4	35
	Lossiemouth	96·9	0	SE	1	c-bc	33	31	7	5	–	–	8	5	4	35	–
	Wick	96·8	+2	ESE	3	c	41	26	8	5	–	–	8	7	6	–	28
16	Hawston	97·3	+6	SSE	3	c	40	29	8	5	–	–	7	7	3	7	25
	Lerwick	97·7	0	–	0	b-bc	34	29	9	5	–	–	7	3	5	–	25
17	Blackpool Pt. †	96·6	-2	SE	4	c-bc	43	39	8	8	–	–	5	5	–	15	–
18	Malin Head *	89·2	+4	SSE	2	c-bc	41	37	8	5	–	–	5	5	–	25	–
	Aldergrove	90·4	0	SSE	2	Mo	40	38	6	5	–	–	7	5	7	20	–
	Cas. Archdale	89·4	+10	ESE	1	c-bc	40	37	7	5	–	–	5	4	4	4	–
19	Birr Castle ... †	88·5	+10	S	1	c-bc	44	36	8	5	–	–	5	3	–	25	–
	Collinstown †	90·6	-2	NNE	1	bc	39	37	7	8	–	–	4	3	–	40	–
20	Rineanna †	88·9	-10	ESE	3	c-bc	40	36	8	–	–	–	–	–	–	–	–
	Valentia †	85·7	-14	S'E'E	4	c/b	45	41	7	6	–	–	8	–	–	18	–
	Roches Point †	88·3	-18	S'E	3	c	47	39	8	6	7	5	8	6	4	–	15

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. (28)	Amount. Low. A. (29)	Amount. Low. B. (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ‡‡ (33)
1	Kew	94·5	+4	–	0	mo	40	38	5	5	–	–	8	8	–	21	–	1
	Croydon	95·1	+10	–	0	m	39	35	4	5	–	–	8	8	–	13	–	1
	S. Farnborough	94·8	+2	S'W	2	mo	38	37	5	5	–	–	8	8	–	12	–	1
	Boscombe Down	94·6	+2	E'N	2	mo	37	36	5	5	–	–	4	4	–	8	–	1
	Calshot	95·2	0	E	3	b-bc/f	40	39	5	–	–	2	3	3	–	–	–	1
	Tangmere	94·4	0	–	0	bf	32	32	3	–	–	–	0	0	0	–	–	2
	Lympne	95·6	+14	S'W	1	m	37	36	4	5	–	–	3	3	–	10	–	1
	Manston	95·9	+20	SSW	1	m	40	38	4	5	–	–	8	4	8	10	25	1
2	Shoeburyness	95·0	+14	W S W	2	o	41	37	3	5	–	–	8	8	–	15	–	1
	Felixstowe	94·9	+16	W'N	3	m	37	37	4	–	–	–	0	0	0	–	–	1
	Gorleston	94·2	+20	NW	2	Mo	40	36	6	5	2	–	7	4	4	10	57	1
	Mildenhall	95·0	+12	W S W	1	cf	39	35	3	5	–	–	8	8	–	20	–	1
	West Raynham	93·8	+12	W S W	3	m	37	37	4	5	–	–	8	8	–	1	–	1
	Waddington	93·8	+10	S S W	3	F	36	36	4	5	–	–	9	9	–	–	–	1
3	Cranfield	94·8	+8	–	0	f	36	36	2	–	–	–	9	9	–	–	–	1
	Honiley	94·0	+2	S E	2	cf	35	35	1	5	–	–	8	8	–	15	–	1
4	Little Rissington	93·89	+4	S S E	3	m	34	32	4	5	–	–	8	8	–	8	–	1
	Defford	94·1	+2	S E	2	cf	36	34	3	5	–	–	8	8	–	10	–	1
5	Bristol	92·8	-6	E S E	2	mo	37	37	5	5	–	–	8	8	–	2	–	1
	Hurtland Point	89·0	-18	S E	3	c	43	40	8	5	–	–	6	6	–	–	–	1
	Yeovilton	92·3	-4	E S E	2	mo	35	35	5	5	–	–	3	3	–	–	–	1
	Portland Bill	92·4	-12	S W	3	o	50	46	7	5	–	–	8	8	–	10	–	1
	Exeter	91·5	-10	S E'S	2	c/r	45	42	7	5	2	–	8	4	5	15	25	1
	Plymouth	90·4	-14	S	5	r/o	48	44	7	5	–	–	8	8	–	12	–	1
	St. Eval	89·4	-20	S	5	r/do	45	43	7	5	–	–	8	4	8	12	40	1
	Lizard	88·2	-26	S'W	3	vr	49	47	7	5	–	–	8	7	–	10	–	1
	Guernsey	93·2	-14	S	6	r/o r/o	46	44	8	5	2	–	8	6	8	10	–	2
	Scilly, St. Marys	86·4	-24	S'W	4	c	50	48	8	8	–	–	8	8	–	–	–	1
6	Fairwood	90·8	-10	E S E	4	mo	39	37	5	5	–	–	5	4	3	2	15	1
	Pembroke	88·6	-8	S S E	6	q	49	45	7	5	–	–	–	7	4	–	35	1
	Aberporth	89·6	-14	S E	3	mo	39	35	6	–	7	2	4	4	4	100	–	1
7	Holyhead (Valley)	90·0	-10	S E	2	mo	37	35	6	5	7	–	4	3	4	20	–	0
	Hawarden	93·7	+4	S'E	3	m	37	34	4	5	–	–	8	8	–	13	–	1
8	Manchester	93·4	+6	S	2	c/f	37	35	5	5	–	–	8	8	–	5	–	1
	Squires Gate	93·0	+2	S E	3	mo	38	35	5	5	–	–	8	8	–	35	–	1
	Carlisle	92·8	0	E N E	3	mo	35	34	6	5	4	–	4	4	1	30	–	1
9	Finningley	93·3	+4	W N W	1	c/f	35	33	2	5	–	–	8	8	–	30	–	1
10	Spurn Head	93·3	+10	N W	3	F	35	30	1	5	–	–	8	8	–	–	–	1
	Leeming	93·5	+2	N N W	1	m	34	33	4	5	–	–	7	7	–	43	–	5
	Tynemouth	93·5	-2	S E	4	c/r	43	38	7	6	–	–	8	8	–	15	–	1
	Acklington	93·8	+2	E	4	b-bc/r	39	36	8	5	–	–	3	3	–	20	–	1
11	St. Abb's Head	94·0	0	E	3	r/o r/o	41	39	6	5	–	–	3	3	–	30	–	1
	Leuchars	94·8	-4	E	3	c	41	30	7	5	–	–	8	4	8	25	40	1
	Bell Rock	94·6	+2	E'S	4	c-bc	43	31	8	8	7	–	5	4	–	25	–	*
12	Renfrew	93·6	0	E'S	3	m	37	34	4	5	7	–	5	4	5	60	–	1
	Prestwick	92·1	-4	E N E	3	b	36	32	7	5	–	–	2	2	–	35	–	1
	Wigtown	92·0	-6	E	4	mo	39	34	6	5	7	–	7	4	7	20	–	1
	Eskdalemuir	93·4	0	N E	1	c-bc/s	35	32	7	5	7	–	7	5	4	15	–	4
	Point of Ayre	90·9	-4	S S E	5	c	43	39	8	5	–	–	6	4	6	10	15	0
13A	Tiree	91·1	-2	S E	6	c	42	34	8	5	7	–	7	5	3	25	–	0
	Benbecula	91·6	0	S S E	4	c-bc	41	30	8	5	7	–	5	3	3	25	–	0
13B	Stornoway	93·8	+2	S E	4	b-bc	40	39	8	5	–	–	3	3	–	40	–	3
	Cape Wrath	95·4	+6	S E	3	b-bc	34	29	9	5	–	–	3	3	–	35	–	4
15	Dalwhinnie	94·0	0	E S E	1	bc	34	31	7	5	–	–	4	4	–	10	–	83"
	Aberdeen	96·3	+2	E N E	2	c	40	27	6	5	–	–	7	6	5	35	–	4
	Rattray	95·3	-6	E S E	3	c	39	29	6	5	–	–	8	5	2	30	–	4
	Lossiemouth	96·9	0	E S E	2	mo	30	25	7	5	–	–	8	5	2	25	–	4
	Wick	96·8	+6	S E	3	c	42	27	8	5	–	–	8	7	5	39	–	4
16	Hawston	97·5	+2	S E	3	c-bc	39	29	8	5	–	–	5	5	–	30	–	3
	Lerwick	99·1	+6	–	0	bc	31	29	8	5	–	–	5	5	–	34	–	3
17	Blackpool Pt. †	83·7	-14	S S E	4	c/r	42	38	7	6	–	–	4	4	–	–	–	1
18	Malin Head *	88·4	-6	S S E	3	bc	42	38	8	5	–	–	4	4	–	25	–	1
	Aldergrove	89·0	-4	E S E	5	c	41	37	6	5	7	–	8	4	5	15	–	1
	Cas. Archdale	87·5	-8	S S E	3	c	37	36	7	5	7	–	8	4	7	10	15	1
19	Birr Castle ... †	84·7	-18	S	2	c/r	42	38	7	5	–	–	8	8	–	15	–	1
	Collinstown †	83·4	-24	S E'E	4	r/o r/o	43	41	7	5	–	–	8	8	–	22	–	1
20	Rineanna †	88·5	-12	S E'S	2	c	38	34	8	5	7	–	6	2	–	18	–	1
	Valentia †	82·0	-4	S	2	r	42	38	8	5	–	–	3	3	–	25	–	1
	Roches Point †	82·6	-22	S'E	5	bc	48	46	8	3	–	–	4	4	–	15	–	1

OBSERVATIONS during DAY (24h.)

District	Stations. (For heights see p. 4.)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	c mo r/o f	c f mo	41	0·0	0·6
	Croydon	v o mo f-d o d o F	c f m	41	0·0	0·3
	S. Farnborough	c m c f b r/o c m	c m c m o	39	0·0	Tr
	Boscombe Down	c m o c f c m o	c m o b c m o	38	0·0	Tr
	Calshot	f	c m o	42	1·3	0·6
	Tangmere	o m o c f c m o	c m o b f	42	0·8	0·5
	Lympne	c m o	c m b m	42	0·0	–
	Manston	c d o d o m o	c d o c m o	42	0·0	0·6
2	Shoeburyness	b c m c d o m o	b c m o f	45	0·0	0·1
	Felixstowe	c v o m o f c m	b f o m	42	0·8	–
	Gorleston	c d o m c	c d o m b o m o	42	0·0	Tr
	Mildenhall	o v o h f	a f c m c f	40	0·0	0·1
	West Raynham	e r o v o m f f	c f f r s o m	40	0·3	0·6
	Waddington	c r o m o d o f	c b c m o o F	38	0·0	0·1
3	Cranfield	o d o F o f	o F b m o c f o f	37	0·0	0·1
	Honiley	o F o f e	a f m o f F	37	0·0	Tr
4	Little Rissington	o v f o m o f	c m o m	36	0·0	0·4
	Defford	a d o m f	o f	37	0·0	–
5	Bristol	c m o	c m b o m o	39	0·0	–
	Hurtland Point	c p h v c	c	49	3·0	0·6
	Yeovilton	F F c d o c m o	b c m o			
	Portland Bill	c r o b c f	c o	51	*	1
	Exeter	c F F H p r o b m o	b c m o c c c r o	48	3·5	2
	Plymouth	b c m o f b c	b c m o c r r o m o	51	3·2	1
	St. Eval	b c d c	b c c r o d o	49	2·3	2
	Lizard	b c c	c r r r q	51	2·2	1
	Guernsey	p r	c r o r o	50	1·9	3
	Scilly, St. Marys	c	p r o c	51	0·2	1
6	Fairwood	c d o d o m c m o	b c m o c m b o b c m o	41	2·8	0·1
	Pembroke		c a c q	50	2·0	1
	Aberporth	c b c m o	b c m o	44	3.6	–
7	Holyhead (Valley)	c b c m o c	c b c m o	44	3·6	–
	Hawarden	o m o f	c m	40	0·4	–
8	Manchester	c b m i o	c d o d o m c f	39	0·0	0·2
	Squires Gate	c d o d o m o r	c m d o d o f f b c c	40	0·0	0·2
	Carlisle	m o c l o u d e d o v o	c r o v o m o c m o	40	*	Tr
9	Finningley	c r o r o f f	c m b b c f c f	39	0·0	0·1
10	Spurn Head	c	b f	43	0·0	0·2
	Leeming	c r o c s o m o	c r o s o m o	40	0·9	0·1
	Tynemouth	c p r o	c r r c r	43	*	7
	Acklington	c r c r o c	c c r o b c	42	0·0	2
11	St. Abb's Head	c r c q	o r o r o	42	*	3
	Leuchars	c	c	42	0·0	Tr
	Bell Rock	c	c	*	*	*
12	Renfrew	c 2 o c m	c m c b c m	39	0·0	Tr
	Prestwick	c r o m o c	c b c b	40	*	–
	Wigtown	c r o r o	c b c c m o	42	*	Tr
	Eskdalemuir	c o s s o r o s o	c i s o	36	0·0	Tr
	Point of Ayre	c p r o	c	43	0·2	0·3
13A	Tiree	c q	c	44	0·1	–
	Benbecula	c c y	c y b c	43	*	–
13B	Stornoway	b c f	c b	42	0·5	–
	Cape Wrath	b b c	b	44	*	–
15	Dalwhinnie		b	35	0·0	–
	Aberdeen	c 2 o	c y c 2 o	41	0·1	–
	Rattray	c c y	c c	41	*	–
	Lossiemouth		c m o	41	0·0	–
	Wick	c c y	c y	42	0·0	–
16	Hawston	b c c	c	41	0·1	–
	Lerwick	b c b o c	b z b c c	37	1·0	–
17	Blackpool Pt. †	b	b	43		0·2
18	Malin Head *	c	c	42	0·0	0·1
	Aldergrove	c r o r o m o	c r o c m o	43	0·0	0·4
	Cas. Archdale	c m o c o c	c	40	0·0	–
19	Birr Castle ... †		c	45	2·4	0·1
	Collinstown †		c	43	3·8	–
20	Rineanna †		c	43	1·5	3
	Valentia †		r	47	0·3	7
	Roches Point †		r c	50	*	5

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

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

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud. ‡‡ See footnote p. 4.

* Information not usually received.

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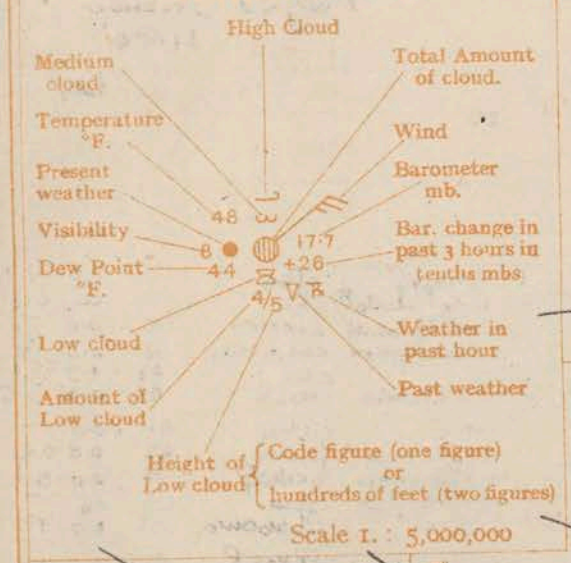
STATION MODEL



Scale 1. : 5,000,000

6h Friday 5th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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	cbcbcox	cbovmo	cmofq	35	41	28	0·6	11	0·0	*	*
Croydon	cmfbcm	cbovmo	fmodo	32	41	27	0·3	12	0·0	92	92
Greenwich	cfgF	Fcbcb	cbcvRc	40	34	27	0·03	0·28	*	91	85
Westminster	*	*	*	50	37	32	0·37		*	85	83
Regents Park	*	*	*	48	37	33	Tr	0·30	*	91	88
Camden Square	o	c	*	40	37	28	0·01	0·32	*	*	89
Kensington	bcqfpvc	cbcc	*	41	35	26	0·01	0·33	*	89	95
Hampstead	o	bcm	bcov	39	36	27	—	0·37		*	93

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 5th Max 0·5 22hrs 4th Min 0·0 24hrs 6th

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

GENERAL INFERENCE

A deep depression centred over the Bristol Channel is moving slowly North North East and later turning North. It will give periods of rain and strong winds in England and South Scotland. Rain will extend to North Scotland later. Temperatures will be higher than of late in all districts.

FURTHER OUTLOOK

Continuing unsettled.

Gale Warning.

↑ Cones are flying on coasts of Cornwall

↓ Cones are flying on all other coasts of Britain except East and North Scotland from Stonehaven to Whiten Head including Orkneys and Shetlands.

Chart of Weather in the Northern Hemisphere.

Morning of Friday 5th December 1947

Clark's Projection Scale 1 in. = 10⁷ along meridian at 55° N.

Statute Miles 0 1 2 3 4 5

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis
- Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 5th December 1947

No. 31424

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force (4)	Weather (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility 0–9 (8)	Cloud Form. Low (9)	Cloud Form. Med. (10)	Cloud Form. High (11)	Cloud Amount. Total 0–9 (12)	Cloud Amount. Low A 0–9 (13)	Cloud Amount. Low B 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16						38										
	Croydon	217	31·8	-26	ESE	3	r$_o$	42	39	6	5	–	–	8	8	0	31	–
	S Farnborough	226	31·2	-26	E'S	3	r$_o$	37	36	4	5	–	–	8	8	0	28	–
	Boscombe Down	137	29·3	-30	E'N	4	rr	40	40	4	5	–	–	8	8	0	12	–
	Calshot	8	30·9	-26	SSE	6	rr	47	45	6	5	–	–	8	8	0	11	–
	Tangmere	53	31·3	-24	SW	4	r$_o$r$_o$	46	46	5	5	–	–	8	8	0	16	–
	Lympne	341	29·7	-14	S'E	4	c	45	42	7	5	–	–	7	7	0	15	–
	Manston	140	29·3	-20	SSE	4	c/r	43	42	6	5	3	8	6	3	5	20	40
2	Shoeburyness	11																
	Felixstowe	10	29·6	-8	S'E	2	m$_o$	41	38	6	–	–	–	0	0	0	–	–
	Gorleston	5	29·3	+2	SSW	2	z$_o$	46	35	5	5	–	–	5	5	0	10	–
	Mildenhall	15	29·5	-8	E	2	m	35	33	4	–	–	–	0	0	0	–	–
	West Raynham	240	29·0	-6	ESE	2	bf	31	31	2	–	–	–	0	0	0	–	–
	Waddington	235	29·4	-4	ESE	2	f	31	31	1	–	–	–	9	9	0	–	–
3	Cranfield	340	29·0	-14	ESE	5	m$_o$	35	34	5	5	–	–	8	8	0	45	–
	Honiley	427	30·9	-22	ESE	3	m$_o$	34	33	5	5	–	–	5	5	0	8	–
4	Little Rissington	731	29·9	-32	ESE	5	cf	35	35	2	5	–	–	8	8	0	1	–
	Defford	58	29·5	-34	ENE	4	r$_o$	37	32	5	5	–	–	8	5	8	4	4
5	Bristol	200	28·0	-32	ESE	4	rr	40	39	5	5	–	–	8	8	0	–	–
	Hartland Point	299	30·1	-52	SE	4	rr	46	46	7	5	–	–	8	8	0	–	–
	Yeovilton	50																
	Portland Bill	32	28·5	-30	S	6	rr	51	49	6	5	–	–	8	8	0	10	–
	Exeter	100	29·9	-44	SSE	5	r$_o$r$_o$	49	47	7	5	–	–	8	4	8	14	40
	Plymouth	86	29·6	-36	S	5	r$_o$r$_o$	50	47	5/6	6	–	–	8	8	0	10	–
	St. Eval	345	30·1	-50	SSE	3	c/r	48	47	8	5	1	–	6	4	5	17	–
	Lizard	240	29·8	-46	S'W	5	c-bc/r	50	48	7	8	–	–	5	5	0	15	–
	Guernsey	340	26·2	-38	SSE	6	c/r	49	47	8	5	–	–	8	4	5	16	25
	Scilly, St. Marys	163	27·7	-46	S	5	f	50	47	8	8	–	–	8	8	0	–	–
6	Fairwood	268	28·2	-44	SE	6	rr	41	41	6	5	–	–	8	8	0	4	–
	Pembroke	142	28·3	-40	SE'E	7	r$_o$r$_o$	45	45	5	5	–	–	8	8	0	11	–
	Aberporth	425	28·1	-30	SE	4	c	40	37	6	–	2	–	8	8	0	14	–
7	Holyhead (Valley)	32	29·4	-18	NE	3	c	38	34	7	5	7	–	8	4	8	25	–
	Hawarden	15	30·0	-30	E	3	m$_o$	36	33	5	5	–	–	8	8	0	11	–
8	Manchester	230	29·3	-26	E	4	m$_o$	35	32	5	5	–	–	8	4	0	13	–
	Squires Gate	33	29·8	-24	ESE	3	m$_o$	33	31	5	–	1	–	5	5	0	–	–
	Carlisle	100	29·6	-16	ENE	4	m$_o$	36	34	6	–	1	–	3	3	0	–	–
9	Finningley	28	32·5	-10	–	0	f	33	33	0	–	–	–	9	9	0	–	–
10	Spurn Head	29	33·8	-2	WSW	2	f	36	36	2	–	–	–	9	9	0	–	–
	Leeming	105	32·3	-12	–	0	m	33	33	4	5	–	–	7	7	0	40	–
	Tynemouth	108	32·5	-12	ESE	3	c-bc	42	37	7	9	–	–	5	5	0	15	–
	Acklington	138	33·0	-6	E	3	bc	40	36	7	5	–	–	4	4	0	25	–
11	St. Abb's Head	280	33·3	-2	SE	4	rr	40	38	6	3	–	–	4	4	0	22	–
	Leuchars	31	34·3	-6	E	4	c/pr	40	35	7	5	–	–	8	8	0	31	–
	Bell Rock	—	33·2	-6	ESE	4	pr$_o$	42	37	8	–	2	–	7	7	–	25	–
12	Renfrew	35	31·4	-10	ESE	4	m$_o$	37	34	6	–	3	–	3	3	0	–	–
	Prestwick	30	29·9	-16	ENE	4	c	36	33	7	5	3	2	6	3	3	40	–
	Wigtown	10	30·2	-14	E	3	m$_o$	38	32	6	5	7	–	8	5	8	20	–
	Eskdalemuir	794																
	Point of Ayre	30	28·5	-14	SE/S	6	z$_o$	41	37	6	5	–	–	8	8	0	20	–
13A	Tiree	44	30·0	-6	ESE	7	c	43	33	7	5	–	–	8	4	8	10	25
	Benbecula	27	31·7	-2	ESE	3	b-bc	39	29	8	5	–	–	3	3	0	22	–
13B	Stornoway	13	29·4	+4	ESE	6	bc	40	30	7	5	4	5	4	2	3	40	–
	Cape Wrath	367	29·9	+4	E	2	b-bc	37	21	9	4	–	–	3	3	0	35	–
15	Dalwhinnie	1176																
	Aberdeen	79	29·5	-2	ESE	3	bc	40 41	31	7	5	–	–	4	4	0	30	–
	Rattray	46	29·2	-2	E	2	b	30	24	7	5	–	–	2	2	0	25	–
	Lossiemouth	21	29·2	-2	SE	3	phr	41	34	8	3	–	–	5	5	0	19	–
	Wick	114	29·0	-8														
16	Hatston	43	29·4	0	ESE	3	b-bc	39	33	8	5	–	–	3	3	0	45	–
	Lerwick	269	29·2	+2	NW	2	b-bc	34	29	8	5	–	–	3	2	3	35	–
17	Blacksod Point †	18	31·8	-10	SE	4	bc	41	41	8	5	–	–	4	4	–	15	–
18	Malin Head †	84																
	Aldergrove	294	28·3	-20	SSW/E	5	m$_o$	41	36	6	5	–	–	8	3	8	15	25
	Cas. Archdale	225	24·3	-10	ENE	4	r$_o$r$_o$	41	39	6	–	2	–	8	8	0	50	–
19	Birr Castle †	173																
	Collinstown †	220	23·8	-22	E/S	4	rr	42	38	7	–	2	–	8	8	–	25	–
20	Rineanna †	13	31·9	-6	NNW	2	f	34	34	3	–	–	–	9	9	0	–	–
	Valentia †	30	31·4	-2	–	0	c/pr	41	39	8	3	–	–	7	7	–	22	–
	Roches Point †	22	29·3	-22	W'N	3	c	47	47	8	6	2	–	8	4	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

OBSERVATIONS at 06hr. G.M.T. 5th December

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind Direc. (19)	Wind Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud Form. Low. (25)	Cloud Form. Med. (26)	Cloud Form. High. (27)	Cloud Amount. Total. 0–9 (28)	Cloud Amount. Low A. 0–9 (29)	Cloud Amount. Low B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 9 h. (33)
31·7	-32	SE	4	rr	46	45	6	5	2	–	8	5	8	18	25	1
32·6	-52	SE	4	rr	47	45	5	5	–	–	8	4	5	8	15	1
30·3	-56	SE/E	4	rr	48	46	5/4	5	–	–	8	8	–	20	–	1
27·8	-70	ESE	6	rr	47	46	5/4	5	–	–	8	8	–	6	–	1
29·8	-54	S	7	rr	49	47	6	5	–	–	8	4	8	6	15	1
31·1	-54	SW	7	clr	50	49	6	5	–	–	8	8	–	20	–	1
36·5	-42	SE/S	6	rr	45	45	6	5	–	–	8	8	–	5	–	1
37·2	-38	SE	5	r$_o$r$_o$	44	44	5	5	2	–	8	5	8	5	8	1
35·8	-42	SE	5	rr	39	37	6/4	6	–	–	8	8	–	15	–	1
38·8	-34	S/E	4	r$_o$r$_o$	40	38	6	6	–	–	8	8	–	10	–	1
30·1	-44	SE	6	r$_o$r$_o$	45	43	6	–	2	–	8	8	–	30	–	1
37·2	-36	ESE	4	r$_o$r$_o$	44	42	6	5	–	–	8	5	8	7	15	1
38·7	-46	SW/S	4	r$_o$d$_o$	40	39	5	5	–	–	8	3	8	6	15	1
37·1	-52	E	6	r$_o$r$_o$	39	38	4	5	–	–	8	8	–	7	–	1
33·4	-58	ESE	5	rr	43	41	5	6	–	–	8	8	–	6	–	1
30·9	-48	ESE	5	rr	41	41	5	–	2	–	8	8	–	5	–	1
29·0	-58	ESE	5	rr	42	42	4	5	–	–	8	8	–	4	–	1
29·1	-64	E	5	rr	44	42	4	–	2	–	8	8	–	12	–	1
28·2	-50	SE	5	clr	47	46	7	6	2	–	8	7	8	18	25	1
24·0	-36	SE	4	r$_o$r$_o$	47	46	8	5	–	–	8	8	–	–	–	1
26·0	-12	SSE	3	d$_o$d$_o$	48	46	7	5	–	–	8	4	8	15	25	1
28·2	-54	SW	6	m$_o$	51	47	6	5	–	–	8	8	–	10	–	1
25·0	-34	SSW	4	i$_o$	48	46	7	5	–	–	8	4	8	15	25	1
24·0	-42	S	4	p$_o$	48	44	6	8	–	–	8	8	–	6	–	1
23·7	-56/-40	S	2	c	45	44	6	8	–	–	6	4	5	15	40	1
23·7	-32	NW	7	PR	50	49	6	8	–	–	7	7	–	10	–	1
28·9	-16	S	7	clr	49	48	8	5	–	–	8	8	8	8	15	2
26·8	+32	NW	8	clr	43	39	7	8	–	–	6	6	–	–	–	1
24·4	-40	ESE	4	r$_o$r$_o$	45	45	6	5	–	–	8	4	8	9	15	2
23·7	-24	SE/E	4	iR	48	48	7	6	–	–	8	8	–	20	–	2
25·4	-30	ESE	4	i$_o$	43	42	6	–	2	–	8	8	–	20	–	1
28·3	-32	NE	5	rr	39	38	6	6	–	–	8	8	–	10	–	1
30·0	-40	ENE	4	rr	39	37	4	5	–	–	8	8	–	12	–	1
30·1	-30	ENE	5	i$_o$	38	35	6	6	–	–	8	8	–	9	–	1
33·4	-30	E/N	7	m$_o$	36	33	5	5	1	–	8	4	8	20	–	1
37·3	-18	NE	3	m$_o$	37	34	5	–	1	–	8	8	–	–	–	0
36·4	-40	E	3	m$_o$	34	34	5	5	–	–	8	8	–	10	–	1
39·7	-36	SSE	5	m$_o$	41	40	5	5	–	–	8	8	–	–	–	1
39·4	-18	N	2	F	32	32	1	–	–	–	9	9	–	0	–	1
30·0	-14	SE	3	c	44	38	7	8	–	–	7	7	–	19	–	1
30·3	-20	E	4	c	42	39	8	5	–	–	7	7	–	25	–	1
29·9	-14	SE	4	bc	42	42	7	5	–	–	4	4	–	30	–	1
28·8	-14	E	4	bc	41	37	7	8	–	–	4	1	4	25	40	1
31·2	-16	E	6	c	43	36	8	9	3	–	6	4	–	15	–	*
28·7	-18	ESE	5	m$_o$	38	35	6	5	1	–	8	3	8	30	–	1
26·9	-18	ENE	4	c	38	34	8	5	7	7	6	1	3	34	–	3
25·5	-26	E	5	m$_o$	39	35	6	5	–	–	8	8	–	30	–	1
28·5	-20	ENE	3	c	34	33	7	5	1	–	6	4	5	20	–	1
23·3	-20	ESE	6	c	43	38	8	5	2	–	8	4	8	20	–	0
28·7	-14	ESE	4	c	41	31	8	5	7	7	8	3	4	20	–	0
30·3	-8	E	3	b-bc	37	29	8	5	–	2	3	1	3	40	–	0
33·6	-20	E	6	b	39	29	7	4	–	1	1	–	–	–	–	3
33·5	-6	E	5	bc	40	36	9	5	–	–	4	4	–	25	–	8 3"
33·4	-16	E/N	3	c	41	30	7	5	–	8	7	5	4	35	–	4
33·8	-8	ESE	3	c-bc	40	30	7	5	–	–	5	5	–	30	–	4
34·4	-8	NNW	2	b-bc	27	23	8	–	3	–	3	3	–	–	–	3
34·9	-8	ESE	5	bc	41	29	8	5	5	–	4	4	–	25	–	1
36·3	-8	ESE	3	bc	39	36	8	8	–	8	4	3	4	25	–	1
38·5	+4	E/S	3	c	39	36	8	8	–	–	7	7	–	25	–	1
32·0	0	SE	2	b-bc	40	38	8	8	–	–	3	3	–	25	–	1
34·8	-6	SE	6	c	44	40	8	5	2	–	8	4	–	15	–	1
32·3	-22	ESE	3	bc	40	38	8	5	–	–	8	4	8	15	25	1
31·8	-14	ENE	4	r$_o$r$_o$	39	37	5	5	–	–	8	8	–	12	–	2
28·8	-6	S	1	ir	33	37	7	5	–	–	8	8	–	15	–	1
27·5	-30	E/N	5	rr	42	40	6	6	–	–	8	8	–	8	–	2
30·7	-2	NW	4	m/f	38	38	4	5	–	–	7	7	–	5	–	1
31·6	+6	NW	4	c-bc	42	38	8	2	–	2	5	4	–	21	–	2
28·2	-4	WNW	5	c	43	41	8	5	1	–	8	4	–	15	–	1

OBSERVATIONS Thursday NIGHT

Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (42)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain mm. (43)
dbcbwx	crormo	35	28	11
cmfr$_o$m	cr$_o$r$_o$rmo	32	27	12
pcmcmr	cmo$_o$r$_o$locmrr	35	31	12
bcmcmr	cmor, cmr	34	34	19
bccerr	cr$_o$r$_o$rr	40	40	10
bfcdr$_o$d$_o$m$_o$	crrmoimo	35	34	10
bmcr$_o$r$_o$c	cr$_o$r$_o$mo	31	27	8
ir$_o$cm$_o$	or$_o$mo	33	26	4
omorr	bmocmorr	33	29	0·2
Om$_o$bm$_o$	cr$_o$r$_o$mocmo	37	30	6
cfcz.	cr$_o$or$_o$r$_o$z	36	·	3
cfcmbm	bm, cr$_o$r$_o$mo	34	28	5
ofomcmof	bpbmcm	31	28	5
cFoFe	ofcr$_o$r$_o$m	31	28	7
cfcmbm$_o$	cmocr$_o$r$_o$mo	33	30	7
offcmcmo	cmoomopr	33	30	4
off	offf, orrm	33	33	7
omcir$_o$m$_o$	cromocrm	34	31	2
odorr$_o$r	errmoc	37	37	8
crorr	errr$_o$r$_o$	43	41	5
	emorrrodoc	33	30	17
irorr	rro	48	*	9
cr$_o$r$_o$cirr$_o$	cr$_o$r$_o$c	44	38	10
cir$_o$cmcir$_o$	cprmo	48	43	14
cidcir$_o$c	ccirfmoc	43	40	8
cphrc	cprq	43	*	3
orrc	orre	46	42	11
irtlrcL	bpRRo	42	*	3
bcmcmrr	orrmocr$_o$	40	36	12
	omqir	45	*	15
cm$_o$cm$_o$w	cmo ir$_o$	39	36	4
bcm$_o$cm$_o$	ccir$_o$morr	35	30	9
cmcmo	cmrr	35	31	7
cFm$_o$	bcmoido	34	31	1
bcm$_o$bm$_o$	bcmo, cmo	32	29	1
cm$_o$	bbcmocmo	34	31	·
cfoF	oFcmo	32	31	2
oF	omo	36	*	–
cm	cmof	31	31	Tr
cprc	cprc	41	37	2
bcbc	c	38	35	1
crrbcrr	bc	38	*	4
cpRc	prbc	38	36	2
cpr	prc	*	*	*
cir$_o$mbcm$_o$	bcmoc	35	30	Tr
bcbm$_o$c	c	33	30	–
cm$_o$cz$_o$	cmoxcz$_o$	37	34	–
cir$_o$	c	33	32	0·2
com$_o$	omo c	41	*	–
bbcc	c	39	36	–
bcbbc	bccb	37	29	–
bbc	bcib	38	32	–
D	bbc	34 30	31 25	–
bcbz$_o$y	bccpfoc	28	26	0·4
bc	cc	28	*	–
mocbc	bcbbc	26	25	–
bcyocphr	cphrcbc	37	34	2
cbbc	cphcr$_o$bc	38	31	1
bcx bx	cpr$_o$bc	31	17	0·4
bc	bbc	38	*	0·1
	c	41	*	–
bcm$_o$cm$_o$	emo ir$_o$	40	39	10
cm$_o$ir$_o$m$_o$z	cr$_o$r$_o$mo	38	35	11
	ir	38	36	5
r	r	37	31	25
f	f	32	31	Tr
pr	cbc	32	32	4
c	c	42	*	2

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

Page 1.

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

Saturday 6th December 1947 — No. 31425

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather (5)	Temp °F. (6)	Dew Point °F. (7)	Visibility 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0-9 (12)	Amount. Low. A. 0-9 (13)	Amount. Low. B. 0-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	78·5	-16	S	5	c.	48	42	7	5	-	-	8	8	-	15	-
	Croydon	79·0	-14	SSE	6	c/pr	48	42	6	8	-	3	6	3	6	6	8
	S. Farnborough	77·5	-14	SSE	4	cdo	47	43	6	5	7	-	7	5	3	10	-
	Boscombe Down	76·6	-6	SSW	6	pro	46	44	6	9	-	-	5	5	-	6	-
	Calshot	80·0	+8	NNW	6	c/pr	48	42	6	6	2	1	6	5	6	8	-
	Tangmere	80·5	0	WSW	8	c/r	48	43	6	5	-	-	6	6	-	20	-
	Lympne	84·5	0	S'W	6	c	47	43	7	9	-	-	5	5	5	10	15
	Manston	84·3	-2	S'E	6	rovo	47	44	7	5	-	-	8	5	8	6	25
2	Shoeburyness	82·3	-6	S	7	cro	48	42	6	5	7	-	7	5	-	10	-
	Felixstowe	84·0	-8	S'W	6	mo	46	44	6	5	2	-	8	6	8	18	-
	Gorleston	84·4	-26	SSE	7	rovo	45	42	6	5	2	-	8	5	3	15	25
	Mildenhall	81·7	-16	SE	4	c	48	43	7	5	-	-	8	5	8	8	25
	West Raynham	82·7	-26	SE	5	mo	45	43	5	5	-	-	8	5	8	10	25
	Waddington	80·3	-26	SE	4	cdo	43	42	5	6	2	-	8	5	8	6	8
3	Cranfield	78·7	-10	SE	4	pro	48	43	7	2	-	-	7	7	-	20	-
	Honiley	76·1	-14	SSE	4	bc/d	47	45	6	8	7	3	4	1	4	20	25
4	Little Rissington	75·6	-10	SSE	5	c	45	43	7	5	-	-	7	5	6	3	15
	Defford	75·7	-6	SE	4	c	47	43	8	5	-	-	8	6	8	13	40
5	Bristol	75·5	-04	SSW	3	vv	45	42	6	5	-	-	8	4	8	8	15
	Hartland Point	77·7	+48	NW	8	rovo	46	42	7	8	-	-	7	7	-	-	-
	Yeovilton	77·1	+30	W'N	6	wo	46	42	6	8	-	-	8	4	8	6	8
	Portland Bill	79·3	+28	W'N	8	mo	48	45	6	5	-	-	8	8	-	10	-
	Exeter	79·5	+56	W'S	6	c/ph	46	40	8	8	7	-	7	1	4	3	40
	Plymouth	93·5	+94	WNW	6	pro	48	39	7	8	-	-	5	5	8	12	-
	St. Eval	83·0	+46	WNW	6	c/pr	48	41	8	2	-	2	5	5	8	10	-
	Lizard	83·1	+38	NW	7	c-bc/pr	49	40	8	2	-	2	5	4	3	20	-
	Guernsey	85·2	+30	WSW	7	c/ph	49	40	7	5	6	3	7	4	5	6	15
	Scilly, St. Marys	84·0	+34	W	7	bc	51	38	8	5	-	5	4	4	2	14	-
	Fairwood	76·1	+22	W	6	RR	42	41	6	5	-	-	8	4	8	8	15
	Pembroke	75·4	+18	WNW	8	rr	45	43	6	6	-	-	8	8	-	8	-
	Aberporth	73·9	0	W	6	rr	45	44	7	5	8	-	8	5	8	6	8
7	Holyhead (Valley)	75·2	-14	E	4	rovo	41	40	6	5	-	-	8	5	8	10	40
	Hawarden	76·1	-12	ESE	4	rovo	43	42	6	5	-	-	8	8	-	10	-
8	Manchester	77·0	+26	E	5	dodo	43	41	6	6	2	-	8	5	8	20	-
	Squires Gate	78·1	-6	ENE	6	rovo	40	38	5	5	2	-	8	5	8	9	15
	Carlisle	83·4	-26	ENE	4	mo	41	38	6	5	-	-	8	8	-	8	-
9	Finningley	79·5	-34	ESE	5	rovo	44	42	6	-	2	-	8	8	-	8	-
10	Spurn Head	81·8	-40	ESE	5	vv	45	45	4	3	-	-	8	8	-	15	-
	Leeming	83·4	-25	ESE	4	cR	42	39	5	6	2	-	8	4	8	2	15
	Tynemouth	86·0	-24	SE	5	c	45	40	7	8	-	-	7	7	-	18	-
	Acklington	87·9	-10	E	5	c	43	38	7	5	-	-	8	8	-	15	-
11	St. Abb's Head	88·5	-8	E	5	q	44	42	7	5	-	-	7	7	-	30	-
	Leuchars	90·0	-6	E	4	pro	44	39	8	5	-	-	8	3	5	8	15
	Bell Rock	89·6	-10	E'N	6	c/pr	46	39	8	8	-	-	6	6	-	15	-
12	Renfrew	87·0	-10	ENE	5	mo	42	38	6	5	7	6	6	2	4	16	57
	Prestwick	85·1	-10	NE'E	4	c	41	37	8	5	7	7	8	5	6	40	-
	Wigtown	82·9	-18	E'N	6	c	42	36	7	5	7	-	8	6	8	12	-
	Eskdalemuir	85·3	-16	NE'E	4	c	37	34	7	5	7	-	8	8	-	18	-
	Point of Ayre	80·3	-14	E'N	6	rv	43	41	7	-	2	-	8	8	-	18	-
13A	Tiree	88·6	+2	ENE	..	c	43	30	9	5	7	6	6	2	5	20	-
	Benbecula	91·5	+8	E	3	bc	40	30	9	5	7	-	6	4	3	28	-
13B	Stornoway	93·6	+2	ENE	5	b-bc	42	33	8	5	7	-	3	2	3	30	-
	Cape Wrath	93·3	+4	E	6	b-bc	33	30	9	2	-	-	3	3	-	30	-
15	Dalwhinnie																
	Aberdeen	92·1	-6	E'N	3	c/pr	43	39	7	8	-	8	7	5	6	12	40
	Rattray	92·6	-8	E	4	c	44	39	7	5	-	-	6	6	-	30	-
	Lossiemouth	93·5	-4	E	3	c-bc	41	37	7	5	-	-	5	4	3	25	57
	Wick	94·9	0	ENE	4	bc	42	36	8	3	-	-	4	4	-	25	-
16	Hatston	96·3	+2	ENE	4	bc	41	35	9	8	4	-	4	1	4	10	15
17	Lerwick	98·5	+2	E	4	c	40	32	8	6	3	5	6	4	4	21	-
18	Blacksod Point †	82·5	+6	NE	5	cro	..	..	6	8	8	-	8	8	-	8	-
	Malin Head †	84·7	+4	E'N	7	c	45	41	7	5	2	-	7	5	4	25	-
	Aldergrove	82·2	+10	NE'E	6	c	42	37	7	5	2	-	8	4	8	6	40
19	Cas Archdale	82·2	+12	ENE	4	rovo	40	37	7	5	2	-	8	3	8	12	25
	Birr Castle †	80·5	+14	N	1	c	37	35	8	6	-	-	8	8	-	25	-
20	Collinstown †	78·1	+10	ENE	4	vv	42	42	6	5	-	-	8	8	-	10	-
	Rineanna †	83·1	+10	NNW	2	c-bc	41	39	7	5	-	-	8	4	-	8	-
	Valentia †	83·5	+6	WNW	2	c/pr	48	38	8	8	6	-	6	6	-	26	-
	Roches Point †	82·3	+16	NW	4	c/bc	45	41	8	5	-	1	6	4	-	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility 0-9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0-9 (28)	Amount. Low. A. 0-9 (29)	Amount. Low. B. 0-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0-9 (33)
1	Kew	86·1	+30	SW'S	5	20	46	30	6	5	-	-	4	4	-	21	-	1
	Croydon	86·5	+32	S	5	20	46	36	6	5	-	-	4	4	-	60	-	1
	S. Farnborough	86·3	+32	SW'S	4	bc	46	35	7	-	7	-	4	4	-	-	-	1
	Boscombe Down	85·8	+36	SSW	6	c-bc	45	37	8	9	-	-	5	5	-	25	-	1
	Calshot	87·9	+32	SW	5	bc	49	38	7	5	7	-	4	3	4	20	-	1
	Tangmere	87·4	+28	WSW	4	c-bc	46	40	7	-	-	2	3	3	-	-	-	1
	Lympne	89·4	+34	SW	4	c-bc	45	37	7	3	9	-	5	4	4	10	-	1
	Manston	89·3	+38	SSW	4	bc	46	42	7	8	6	-	4	4	4	20	-	1
2	Shoeburyness	87·2	+46	SSW	5	b	47	38	7	5	-	-	4	4	-	15	-	1
	Felixstowe	87·1	+30	SW	6	b-bc	46	41	7	5	3	3	3	2	2	25	-	1
	Gorleston	86·3	+40	S	6	mo	45	43	6	5	-	-	3	3	-	20	-	1
	Mildenhall	84·6	+38	SSE	4	bc	47	35	7	6	-	-	4	4	-	20	-	1
	West Raynham	83·7	+26	SSE	5	20	45	37	6	5	-	-	8	8	-	200	-	1
	Waddington	78·6	+2	SSE	5	mo	41	38	6	5	-	-	8	3	8	12	15	1
3	Cranfield	82·0	+34	SSW	7	rovo	43	35	7	5	-	-	8	8	-	23	-	1
	Honiley	78·6	+32	SSW	7	vv	38	37	7	6	2	-	8	4	8	-	8	1
4	Little Rissington	81·3	+44	SW	6	c/r	43	36	7	5	-	-	8	4	8	8	25	1
	Defford	80·6	+38	SW	6	vv	44	38	7	5	-	-	8	8	-	25	-	1
5	Bristol	83·4	+38	SSW	5	c	46	40	7	6	2	-	8	4	8	10	57	1
	Hartland Point	83·0	+20	W	6	c/pr	48	42	8	3	-	-	4	4	-	-	-	1
	Yeovilton																	
	Portland Bill	86·3	+22	W'N	7	0	51	47	7	5	-	-	8	8	-	10	-	1
	Exeter	86·5	+28	SSW	5	r/dr	45	38	8	4	6	-	4	3	4	35	-	1
	Plymouth	86·4	+26	W	6	pro	48	40	8	9	-	-	7	4	5	8	15	1
	St. Eval	85·8	+6	W	4	c	46	44	8	2	-	-	6	5	4	20	-	1
	Lizard	85·9	+2	W	5	c-bc	40	40	8	8	-	-	5	5	-	15	-	1
	Guernsey	86·8	+20	SW	6	pro	50	41	8	8	-	8	6	3	5	8	15	1
	Scilly, St. Marys	85·2	+2	WSW	4	c/ph	45	42	8	8	-	-	6	6	-	-	-	1
	Fairwood	82·3	+30	W	6	c	45	39	7	5	2	-	8	4	8	7	-	1
	Pembroke	81·1	+20	WNW	7	q	48	44	7	6	-	-	8	5	8	28	72	1
	Aberporth	79·2	+28	W	6	c	42	40 38	6	5	2	-	8	5	8	8	25	1
7	Holyhead (Valley)	76·8	+18	E	2	mo	41	41	5	5	-	-	8	4	8	20	40	1
	Hawarden	76·6	+8	ENE	2	cdo	43	41	5	5	-	-	8	8	-	16	-	1
8	Manchester	76·3	+2	ENE	2	mo	42	41	5	5	-	-	8	8	-	25	-	1
	Squires Gate	77·5	+6	NNE	3	mo	44	42	5	5	7	-	8	5	8	11	-	1
	Carlisle	80·5	-10	ENE	5	cro	43	40	5	5	2	-	8	5	8	5	-	1
9	Finningley	77·4	-8	SSE	4	c/r	43	38	7	6	2	-	8	5	8	12	40	1
10	Spurn Head	80·3	-4	SSE	6	q	45	43	7	5	-	-	8	8	-	15	-	1
	Leeming	79·5	-4	E	3	mo	45	42	5	5	-	-	8	5	8	15	25	1
	Tynemouth	82·1	-12	E	6	rv	46	44	6	6	-	-	8	8	-	15	-	1
	Acklington	83·8	-18	ENE	6	vv	44	43	5	5	-	-	8	8	-	8	-	1
11	St. Abb's Head	85·9	-8	E	7	rovo	44	44	5	5	-	-	8	8	-	15	-	1
	Leuchars	88·5	-6	E	4	c	44	39	7	5	2	-	8	4	8	10	-	1
	Bell Rock	88·0	-6	E	7	c	47	40	8	6	2	-	8	4	-	25	-	1
12	Renfrew	85·7	0	ENE	6	cro	43	39	6	5	2	-	8	4	8	20	-	1
	Prestwick	83·8	+4	NE'E	5	c/r	44	39	6	5	-	-	8	5	8	22	40	1
	Wigtown	81·5	+10	NE	5	cro	43	39	6	5	2	-	8	5	8	10	57	1
	Eskdalemuir	82·8	-4	NE	6	rovo	39	36	6	5	-	-	8	4	8	8	15	1
	Point of Ayre	78·9	+4	E'N	6	vv	45	43	7	6	2	-	8	5	8	10	15	1
13A	Tiree	89·2	+4	NE'E	5	c	43	34	8	5	7	7	7	3	4	30	-	0
	Benbecula	92·7	+10	ENE	4	bc	41	34	9	5	7	-	5	1	3	25	-	0
13B	Stornoway	94·7	+6	ENE	6	bc	43	38	8	5	-	-	4	4	2	25	-	1
	Cape Wrath	95·2	+10	E	6	c-bc	43	36	9	8	-	-	5	5	-	25	-	6
15	Dalwhinnie	91·0	0	NE	1	c	34	31	7	5	-	-	8	8	-	10	-	62"
	Aberdeen	92·1	+2	ENE	5	c	45	39	7	8	-	-	6	4	6	10	40	1
	Rattray	92·6	+2	E	5	c	45	40	7	5	-	-	8	8	-	20	-	1
	Lossiemouth	93·5	0	NE	3	b-bc	43	40	7	7	-	-	3	3	-	25	-	1
	Wick	94·8	0	ENE	4	pro	44	40	7	9	2	-	8	3	6	15	25	1
16	Hatston	96·5	+6	NE	4	c-bc	42	41	8	5	-	-	5	5	-	30	-	1
17	Lerwick	99·4	+10	ESE	4	vovo	41	39	7	6	3	-	8	4	8	12	25	1
18	Blacksod Point †	85·9	+22	E'S	3	vv	39	37	6	6	2	-	8	4	-	8	-	2
	Malin Head †	85·5	+8	E	7	c	46	42	8	5	2	-	8	4	-	25	-	2
	Aldergrove	81·0	+2	NE'N	6	cv	43	40	5	6	2	-	8	4	8	10	25	1
19	Cas Archdale	83·1	+8	NE	4	cro	41	38	6	5	2	-	8	4	8	15	40	1
	Birr Castle †	82·1	+10	N	1	cv	38	36	7	5	-	-	8	8	-	15	-	1
20	Collinstown †	78·8	+6	WNW	4	vovo	41	41	6	6	-	-	8	8	-	10	-	2
	Rineanna †	84·7	+16	N'W	1	b-bc	34	34	7	5	-	3	5	3	-	25	-	1
	Valentia †	84·6	+14	NNE	2	b-bc	42	35	7	3	-	-	3	3	-	28	-	1
	Roches Point †	83·6	+4	NW	3	b	43	39	8	5	-	1	2	2	-	25	-	1

OBSERVATIONS during DAY (5th)

District	Stations (For heights see p. 4.)	Weather. 06h.-12h. (34)	Weather. 12h.-18h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.-21h. mm. (38)
1	Kew	cRvomc	cvobcmo	49	0·2	0·3
	Croydon	evmopro	b	48	0·3	1
	S. Farnborough	cmovvocmodo	cdoshc	49	0·3	1
	Boscombe Down	evvvoPvmo	cprocbc	46	0·3	2
	Calshot	cprcpdo	cpvcbc		1·8	5
	Tangmere	cvovvocvvmo	cprobc	51	1·3	0·5
	Lympne	cmovvo	cprobc	48	0·0	10
	Manston	cvcvvo	cprmobc	49	0·0	5
2	Shoeburyness	cmovvo	cjpc	48	0·1	*
	Felixstowe	cvvmocmo	cprocmobc	47	0·0	0·3
	Gorleston	prv2prvro2o	bc2o	47	0·1	0·5
	Mildenhall	vvcmoc	ccivc	49	0·0	0·2
	West Raynham	cvovvvcmo	cvvmo	47	0·1	2
	Waddington	cdomo	evvmcmo	45	0·0	4
3	Cranfield	cvovocmopr	ckqcvR	48	0·6	2
	Honiley	omo	evvmovomo	47	0·3	8
4	Little Rissington	vvvmmoc	cvovmoovv	46	0·3	6
	Defford	cvomoc	cvovmo	48	0·0	7
5	Bristol	cpvocvvm	evvvovophvc	47	0·1	7
	Hartland Point	cvovo	cvoqbc	49	0·0	1
	Yeovilton	ivc			*	
	Portland Bill	co	eo	53	*	-
	Exeter	cphvmoc	cpbbcvqlp	48	0·3	5
	Plymouth	cmocpvomopvo	cvvopvvpvvvv	51	2·2	2
	St. Eval	cpvomopvoc	cpvopvc	49	1·2	5
	Lizard	cpvq	cqcvp	52	*	1
	Guernsey	pr	cpvo	51	1·6	1
	Scilly, St. Marys	cpbc	Pqpmb	51	4·3	6
	Fairwood	evvRRmo	cRRmoc	46	0·0	12
	Pembroke	cvvcqmvv	cqivq	49	0·0	4
	Aberporth	evvomovvvv	evvmocmo	45	0·0	18
7	Holyhead (Valley)	ovvmocmovvomo	cvovocmo	41	0·0	2
	Hawarden	cvvvcvom	cvovomcm	46	0·0	8
8	Manchester	cvovomodododmo	cdodomocmo	47	0·0	2
	Squires Gate	vovovvmoc	vovvmoc	45	0·0	7
	Carlisle	cmo	cdocmovvo	45	*	0·4
9	Finningley	cmocvovomo	cvovopvoc	46	0·0	7
10	Spurn Head	ovevo	oqvovo	45	0·0	5
	Leeming	pfcmovv	cmodvmo	45	0·0	6
	Tynemouth	c	covvmo	46	*	4
11	St. Abb's Head	c	cvvvcmovvvmo	46	0·0	7
	Leuchars	bcqcq	cqvovo	45	*	2
	Bell Rock	bccvovopvomo	cpvoc	46	0·0	3
12	Renfrew	prjp	pvc	*	*	*
		cdocmo	cmocmovvo	44	0·0	Tr
	Prestwick	c	cvvocmo	45	*	Tr
	Wigtown	cmoc	vomvvmo	44	*	2
	Eskdalemuir	c	cdovo	40	0·0	5
	Point of Ayre	ovv	vv	45	0·0	9
13A	Tiree	c	c	44	0·0	-
	Benbecula	bc	bc	43	*	-
13B	Stornoway	bc	bc	44	5·7	-
	Cape Wrath	bc	cpvoc	52	*	Tr
15	Dalwhinnie		c	35	0·0	-
	Aberdeen	pvpvoc	pvpvomc	45	0·5	1
	Rattray	c	e	46	*	0·2
	Lossiemouth	bcc	cpvobc	44	0·7	Tr
	Wick	bc	bccpvo	45	2·8	1
16	Hatston	bccbc	bccpvoc	44	0·7	Tr
17	Lerwick	cpvoc	cvvovovo	42	0·0	5
18	Blacksod Point †	v	ovvvmo	41	*	3
	Malin Head †	c	c	46	0·0	-
	Aldergrove	cvovovovmoc	evvovovvvmo	47	0·0	7
19	Cas Archdale	evvmocvovomo	cvovomocvomo	43	0·0	13
	Birr Castle †	c	ccr	39	0·0	1
20	Collinstown †	v	ovovomo	43	0·0	16
	Rineanna †	c	bc	44	3·0	-
	Valentia †	gp	cbc	49	2·9	-
	Roches Point †	ovvmo	bcb	48	*	-

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

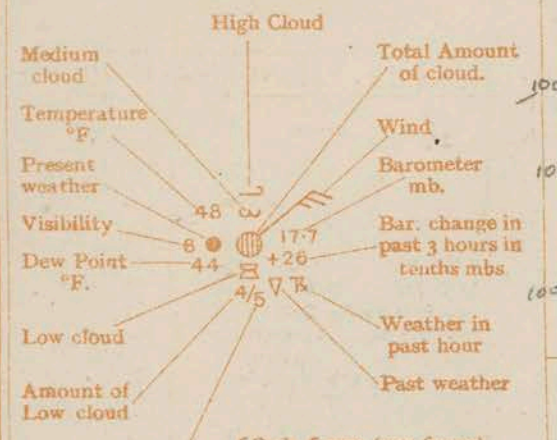
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.
See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Saturday 6th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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	cRv0mc	cv0bcm0	bcpv0	49	42	38	0·3	3	0·2	*	*
Croydon	cvm0pv0	b	cvm0m0	48	41	39	1	1	0·3	65	97
Greenwich	cpc	cbc	~~bcpv~~ bcclear	48	41	36	0·3	5·6	0·4	67	97
Westminster	*	*	*	50	42	39		5·8	*	65	85
Regents Park	*	*	*	49	42	38	Tr	3·7		67	84
Camden Square	c	c	*	49	42	37	–	3·6	*	*	91
Kensington	bcclpbc	c	*	50	42	35	0·3	3·6	*	76	89
Hampstead										*	

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 6th Max. [illegible] mm. [illegible] Whole of Period

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

GENERAL INFERENCE

An almost stationary depression over North England and a trough of low pressure moving East over Wales and Southern England are filling. It will be cloudy with occasional showers in most districts and with moderating winds. Tonight it will become fair or fine in many inland areas and fog will develop locally early tomorrow morning. Rather cold.

FURTHER OUTLOOK

Changeable weather: fair periods at first but further rain probably spreading from West with a renewal of disturbed conditions.

Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 6th December

1947

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

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 6th December 1947

No. 31425

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16			*	*	*	42	*	*	*	*	*	*	*	*	*	
	Croydon	217	30·6	+14	SE	3	c/r	41	39	6	7	-	-	8	4	8	16	40
	S. Farnborough	226	29·5	+8	SE	3	c/r	42	40	6	5	-	-	8	8	0	15	-
	Boscombe Down	417	28·2	+2	SE	4	c/pr	41	40	7	5	-	-	7	2	6	4	25
	Calshot	8	29·5	-4	ESE	6	bc	48	39	7	5	-	-	4	4	0	4	-
	Tangmere	53	30·0	-10	SE	6	r$_o$	47	45	6	3	-	-	3	3	0	25	-
	Lympne	341	33·0	+10	S'W	5	c-bc	46	42	7	5	2	-	5	4	5	20	-
	Manston	140	33·5	+18	SSE	3	c/pr	43	41	7	8	-	-	6	3	5	20	40
2	Shoeburyness	11																
	Felixstowe	10	32·3	+26	WSW	5	r$_o$	44	39	7	-	7	-	7	7	0	100	-
	Gorleston	5	31·3	+28	SSW	6	bc	46	40	7	5	-	-	4	4	0	30	-
	Mildenhall	15	30·3	+32	S'E	5	z$_o$	45	36	6	-	2	-	5	5	0	80	-
	West Raynham	250	29·4	+30	S	5	z$_o$	44	37	6	-	4	-	4	4	0	-	-
	Waddington	235	28·8	+34	S'E	5	m$_o$	44	39	6	-	7	-	8	8	0	-	-
3	Cranfield	340	28·2	+26	S'E	5	bc	43	37	7	-	7	-	4	4	0	-	-
	Honiley	427	25·4	+28	SSE	4	c	42	38	7	5	-	-	8	8	0	26	-
4	Little Rissington	731	26·4	+16	S	5	b-bc	41	36	8	5	-	-	3	3	0	15	-
	Defford	58	25·5	+18	S	3	bc	43	38	7	5	-	-	4	4	0	30	-
5	Bristol	209	26·0	+2	S	4	bc	42	39	7	5	-	-	4	4	0	29	-
	Hartland Point	299	24·1	0	S	3	bc/pr	43	41	8	3	-	-	4	4	0	-	-
	Yeovilton	50																
	Portland Bill	32	26·9	-6	SW	6	rr	50	46	6	5	-	-	8	8	0	10	-
	Exeter	100	25·5	-12	SSE	1	bc	39	38	7	5	7	-	4	3	0	30	-
	Plymouth	86	24·3	-18	W	1	r$_o$	45	44	7	-	-	-	8	8	0	12	-
	St. Eval	345	25·1	-24	-	0	bc	43	42	8	5	-	-	4	4	0	22	-
	Lizard	240	25·2	-10	NW	3	c-bc/pr	48	43	7	8	-	-	5	5	0	15	-
	Guernsey	340	29·4	-10	SW'S	7	r$_o$	49	42	8	5	-	-	8	4	8	10	25
	Scilly, St. Marys	163	25·3	+14	W'SW	3	rr	46	43	8	5	-	-	7	7	0	-	-
6	Fairwood	268	24·1	+4	W	1	c	45	43	7	5	-	-	6	6	0	30	-
	Pembroke	142	22·4	+2	W	1	q	47	43	7	8	-	-	3	3	0	25	-
	Aberporth	425	23·2	+10	WSW	4	c-bc	43	40	7	3	6	-	5	4	2	24	-
7	Holyhead (Valley)	32	30·5	+18	N	1	m$_o$	41	41	6	5	7	-	5	4	5	25	-
	Hawarden	15	22·2	+34	W	3	r$_o$r$_o$	42	38	8	-	-	-	8	8	0	29	-
8	Manchester	230	21·8	+58	SSW	5	rr	41	38	6	-	-	-	8	8	0	12	-
	Squires Gate	33	30·1	+14	SSW	2	rr	42	41	5	5	-	-	8	4	8	5	25
	Carlisle	100	21·1	+10	NE	3	m$_o$	43	41	6	5	-	-	8	8	0	19	-
9	Finningley	28	23·1	+38	S	4	r$_o$r$_o$	42	38	6	5	-	-	8	8	0	21	-
10	Spurn Head	29	25·4	+26	SSW	7	c/pr	42	42	7	6	-	-	8	8	0	-	-
	Leeming	105	21·2	+18	ESE	2	r$_o$r$_o$	39	38	5	5	-	-	8	8	0	13	-
	Tynemouth	108	22·2	+6	SE	4	c/pr	44	39	7	8	-	-	8	8	0	15	-
	Acklington	138	23·7	+2	E	5	c/r	44	41	7	5	-	-	8	8	0	30	-
11	St. Abb's Head	280	24·7	0	NE	7	q	46	44	6	5	-	-	8	8	0	15	-
	Leuchars	31	27·7	-12	E	5	r$_o$r$_o$	44	42	7	6	-	-	8	5	8	13	25
	Bell Rock	—	27·2	-6	ENE	7	c	46	43	8	6	2	-	8	4	-	15	-
12	Renfrew	35	25·9	+2	NE	5	r$_o$r$_o$	43	40	7	5	7	-	7	4	6	20	-
	Prestwick	30	24·6	+4	NE/N	4	c/r	43	39	7	5	-	-	8	6	8	21	57
	Wigtown	19	22·7	+8	N	4	r$_o$r$_o$	43	40	7	5	-	-	8	6	8	12	25
	Eskdalemuir	794																
	Point of Ayre	30	21·1	+12	NE	5	c	46	44	8	5	-	-	6	6	0	18	-
13A	Tiree	44	30·7	+6	NE	6	b-bc	45	35	8	5	7	-	3	3	1	30	-
	Benbecula	27	24·7	+10	NNE	3	bc	41	37	8	5	7	-	4	2	3	24	-
13B	Stornoway	12	25·8	+6	NE	5	b-bc	45	40	8	5	7	-	3	3	0	25	-
	Cape Wrath	367	25·7	+4	ENE	5	bc	44	39	9	2	-	-	4	4	0	25	-
15	Dalwhinnie	1176																
	Aberdeen	79						43										
	Rattray	46	21·8	-4	SSW	1	c/pr	44	41	7	6	-	-	8	8	0	20	-
	Lossiemouth	21	24·0	0	NE	5	r	45	39	7	5	-	-	5	3	5	20	25
	Wick	114	26·1	+4	ESE	5	c-bc	45	41	8	8	-	-	5	3	5	22	40
16	Hatston	45	27·7	+6	ENE	4	b	44	40	8	5	-	-	4	4	0	30	-
	Lerwick	269	20·9	+10	NE	3	bc	39	38	8	5	-	-	4	4	0	35	-
17	Blacksod Point †	18	30·0	+26	N'W	6	c	46	42	7	6	-	-	7	7	-	8	-
18	Malin Head †	84																
	Aldergrove	294	23·8	+14	NE/N	5	r$_o$r$_o$	43	40	6	6	2	-	8	4	8	25	40
	Cas. Archdale	225	26·5	+20	NE	4	c	43	37	7	5	-	-	8	8	0	25	-
19	Birr Castle †	173																
	Collinstown †	220	22·4	+18	N'W	4	rr	44	44	6	6	-	-	8	8	-	9	-
20	Rineanna †	13	26·9	+8	NW'W	3	r$_o$r$_o$	41	39	7	5	-	-	8	7	-	13	-
	Valentia †	30	28·5	+18	N'W	5	pr$_o$	45	37	8	5	-	-	7	7	-	25	-
	Roche's Point †	22	25·7	+18	WNW	4	b	41	41	8	5	-	-	3	3	-	25	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

OBSERVATIONS at 06hr. G.M.T. 6th December ..... 9 h.

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ‡‡ 0–9 (33)
1	Kew	29·7	+2	SE	3	bc	45	42	7	8	-	-	4	4	-	25	-	1
	Croydon	30·3	+6	SSE	3	c/bc/r	46	43	6	5	-	-	5	5	-	26	-	1
	S. Farnborough	29·2	+2	SE	3	r/c	46	40	6	5	-	-	5	5	-	20	-	2
	Boscombe Down	27·5	0	E/S	4	r/c	42	41	7	5	-	-	7	7	-	24	-	1
	Calshot	29·1	+4	S	5	rr	46	43	7	8	-	-	8	5	8	18	25	1
	Tangmere	29·6	-2	SW	5	c/bc/pr	47	45	6	5	-	-	5	5	-	25	-	1
	Lympne	32·9	+2	S/E	4	c	45	41	7	5	-	-	7	7	-	14	-	1
	Manston	33·5	+4	S/E	5	c/pr	43	42	7	5	-	-	6	3	6	12	25	1
2	Shoeburyness	32·0	+2	SSE	4	r/m$_o$	45	41	6	5	-	-	4	3	4	12	15	1
	Felixstowe	33·0	+6	SW	5	c/pr	45	41	7	5	-	-	8	8	-	27	-	1
	Gorleston	34·1	+10	SSE	6	bc	46	43	7	-	4	-	4	4	-	56	-	1
	Mildenhall	31·2	+6	SE	4	c/bc/r	45	42	7	-	7	-	5	5	-	-	-	1
	West Raynham	31·3	+8	SSE	5	bc	43	40	7	-	7	-	4	4	-	-	-	1
	Waddington	28·6	+10	SSE	5	c	42	40	7	5	-	-	8	5	8	13	15	1
3	Cranfield	29·0	+6	SSE	4	c/bc	44	39	7	5	4	-	5	4	3	30	-	1
	Honiley	27·0	+8	SSE	3	rr	41	40	7	6	2	-	8	4	8	7	15	1
4	Little Rissington	27·2	+10	SSE	3	c/bc	40	40	7	5	7	-	5	4	5	15	25	1
	Defford	26·9	+8	SSW	2	c	42	39	7	5	7	-	6	6	-	-	-	1
5	Bristol	26·8	+12	-	0	c	42	41	8	5	8	-	6	6	-	25	-	1
	Hartland Point	26·0	+8	NW	4	c	46	39	8	8	-	-	7	7	-	-	-	1
	Yeovilton																	
	Portland Bill	27·3	+8	NW	4	c	48	46	7	2	-	-	6	6	-	10	-	1
	Exeter	27·5	+16	NNW	1	m$_o$	39	39	6	5	3	-	4	4	4	40	-	1
	Plymouth	28·1	+20	-	0	bc	42	39	7	5	7	-	4	2	4	30	-	1
	St. Eval	28·2	+12	WNW	4	c/bc	46	40	9	5	-	-	5	5	-	30	-	1
	Lizard	28·3	+28	NW	4	c/bc/pr	47	40	7	8	-	-	5	5	-	15	-	1
	Guernsey	29·1	+2	W.S	4	r/c	45	43	8	5	-	-	8	4	8	12	25	2
	Scilly, St. Marys	28·6	+10	WNW	5	bc/pr	47	43	9	8	-	-	4	4	-	-	-	1
6	Fairwood	26·1	+10	-	0	c	41	39	7	5	-	-	8	8	-	28	-	1
	Pembroke	25·6	+8	WNW	5	rr	45	45	6	5	-	-	8	8	-	9	-	1
	Aberporth	25·2	+10	SSW	3	p/r	41	39	8	2	7	6	6	4	5	36	-	1
7	Holyhead (Valley)	24·6	+28	NW	1	m$_o$	42	42	6	8	3	-	5	4	5	20	-	1
	Hawarden	26·1	+18	S	3	r/c	41	39	7	5	-	-	8	8	-	31	-	1
8	Manchester	26·3	+10	SSE	4	c	42	38	7	5	1	-	7	3	7	20	-	1
	Squires Gate	24·9	+24	SSE	4	c	41	39	7	5	-	-	8	8	-	18	-	1
	Carlisle	25·3	+28	E	2	c	40	38	7	5	-	-	8	4	5	10	15	1
9	Finningley	27·7	+14	SSE	3	r/c	42	40	6	5	2	-	8	6	8	12	25	1
10	Spurn Head	29·4	+10	SSE	5	p/c	43	41	7	6	-	-	6	6	-	-	-	1
	Leeming	27·4	+28	SSE	4	r/c	41	39	6	5	-	-	4	4	-	20	-	1
	Tynemouth	27·3	+34	SSW	5	m$_o$	43	39	6	8	-	-	6	6	-	17	-	1
	Acklington	26·5	+24	S	3	m$_o$	40	39	5	5	-	-	8	8	-	12	-	1
11	St. Abb's Head	28·0	+18	ESE	5	o	42	42	5	5	-	-	8	8	-	20	-	1
	Leuchars	28·3	+4	E	4	ir	45	45	7	5	-	-	5	5	-	28	-	1
	Bell Rock	27·5	+18	E	6	rr	45	42	8	7	2	-	8	8	-	15	-	*
12	Renfrew	27·7	+12	NNE	3	p/c	44	42	7	8	-	-	8	4	8	20	25	1
	Prestwick	26·9	+12	N	4	r/c	43	40	7	5	-	-	7	5	6	24	40	1
	Wigtown	25·2	+18	NE	2	p/c	42	40	7	8	-	-	8	5	8	20	25	1
	Eskdalemuir	25·4	+44	E	2	l/d$_o$	39	37	7	5	2	-	8	4	8	18	-	1
	Point of Ayre	24·5	+22	N/E	4	c	45	42	8	5	1	-	8	5	8	20	-	0
13A	Tiree	22·0	+8	NNE	6	bc	46	38	8	5	4	-	4	1	4	35	-	0
	Benbecula	25·8	+8	NNE	3	b/bc	41	36	8	5	-	-	3	3	-	24	-	0
13B	Stornoway	26·0	+4	NE	5	c/bc	45	42	8	8	-	-	5	5	-	23	-	1
	Cape Wrath	25·6	-6	NE	6	bc	45	40	9	2	-	-	4	4	-	25	-	2 6"
15	Dalwhinnie																	
	Aberdeen	21·4	+6	E/N	4	c	45	40	7	8	-	-	7	5	5	15	40	1
	Rattray	22·4	+6	E	7	c/bc	46	43	7	8	-	-	7	5	-	25	-	2
	Lossiemouth	23·4	-4	ENE	4	l/c	45	43	6	5	-	-	7	3	5	15	25	1
	Wick	25·2	-6	ESE	5	r	44	41	7	5	2	-	8	4	8	11	25	1
16	Hatston	27·6	-2	ENE	5	l/c	44	42	7	5	-	-	8	3	8	12	25	1
	Lerwick	01·6	+4	ESE	5	c/pr	43	38	7	2	-	-	8	3	8	22	-	1
17	Blacksod Point †	24·5	+22	NW/N	6	c/bc	46	38	7	6	-	-	5	5	-	15	-	1
18	Malin Head †	30·4	+14	NE	7	c/bc	47	43	8	5	-	-	5	5	-	25	-	0
	Aldergrove	27·6	+22	NW	3	c	44	39	7	5	7	-	8	5	6	33	-	1
	Cas. Archdale	30·0	+16	N	5	bc	44	37	8	5	7	-	4	3	2	25	-	1
19	Birr Castle †	31·6	+42	NW	1	bc	42	38	8	5	-	-	4	4	-	25	-	1
	Collinstown †	27·5	+26	NNW	5	bc	43	39	8	5	-	-	4	4	-	25	-	1
20	Rineanna †	33·1	+36	NW	4	c	45	41	8	5	-	-	8	8	-	41	-	1
	Valentia †	34·8	+38	N/W	6	pr$_o$	48	40	8	3	-	-	7	6	-	21	-	1
	Roche's Point †	30·2	+32	WNW	4	c	41	39	8	5	-	-	8	8	-	15	-	1

OBSERVATIONS Friday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	bc p r r r	c p r b c	42	38	3
	Croydon	c r r m	c i r s m$_o$	41	39	7
	S. Farnborough	b c m$_o$ i r$_o$	m o r a	41	36	6
	Boscombe Down	c e p r$_o$ c	c r a b c i r$_o$	39	37	5
	Calshot	b c p r	c p r	42	41	18
	Tangmere	b c c T L r b m$_o$	b m$_o$ c p r$_o$	43	38	6
	Lympne	b c H r a p r$_o$	c b c	43	40	1
	Manston	L q p r$_o$	b c p r$_o$	41	35	0·3
2	Shoeburyness	c r r m$_o$	c r r b c m$_o$	43	38	2
	Felixstowe	b j l c i r$_o$	b c i b c	43	40	0·5
	Gorleston	b c	b c	44		-
	Mildenhall	c i r$_o$ m z$_o$	c z$_o$ i r s c	42	40	0·2
	West Raynham	c m c r c z	b c z b z b c b	42	37	-
	Waddington	c r o r$_o$ m$_o$	c m b c c	40	37	1
3	Cranfield	c r$_o$ r$_o$ c b c	c r r m o c i r$_o$	42		5
	Honiley	c r r m$_o$ r$_o$ c	c b c c k r	39	34	1
4	Little Rissington	c i r$_o$ c b c	b c r o r s c	38	35	2
	Defford	c r r e i r$_o$ b c	b c c	39	37	1
5	Bristol	c b c	b c c	40	33	-
	Hartland Point	b c p r	c b c c	42	40	1
	Yeovilton			37	31	1
	Portland Bill	p h r r r	i r c	47	*	6
	Exeter	b e b b c	e p r a c m$_o$	37	33	2
	Plymouth	c m b e i r$_o$ c	c r o r b c	39	32	1
	St. Eval	c i d$_o$ r b c	b c c p r c	42	37	3
	Lizard	c p r c	c p r	43	*	4
	Guernsey			43	40	8
	Scilly, St. Marys	c i r i r	c p g b c	45	*	2
6	Fairwood	c b c c	c c r b c c	39	27	0·6
	Pembroke	b c q	c q r r c q	44	*	4
	Aberporth	c m$_o$	b c c p r$_o$	39	35	2
7	Holyhead (Valley)	c m$_o$	c m o p r a m$_o$	39	29	tr
	Hawarden	c r o r$_o$	c r a r i r$_o$	39	38	5
8	Manchester	c m g l c r r m$_o$	c r r m o c	40	36	4
	Squires Gate	c m o d r r r c$_o$	c r r m o c	40	39	5
	Carlisle	c i r$_o$ b m$_o$	c i r c m o	39	37	0·6
9	Finningley	c i r o m d r$_o$ r$_o$	c r o r m$_o$	39	37	5
10	Spurn Head	c a p r$_o$	c p r$_o$	41	*	3
	Leeming	r o m f o r$_o$	c r r m o	38	29	3
	Tynemouth	o p r o	o p r c h$_o$	41	39	1
	Acklington	c m o l r$_o$ c m$_o$	c i r s m o c	39	37	1
11	St. Abb's Head	c a m d r$_o$ c a	a d r o	39	*	1
	Leuchars	c h r o m$_o$	c r a r c	42	40	4
	Bell Rock	r r c	c r	*	*	*
12	Renfrew	c r$_o$ r$_o$ r$_o$	c p h a p r s	42	38	2
	Prestwick	i d r o m c	c i m i r$_o$	41	37	1
	Wigtown	d r o r o m$_o$	r a m o p r	41	40	0·6
	Eskdalemuir	c r$_o$ b r r m$_o$	c r a r i d o	37	36	3
	Point of Ayre	r r c	r r i m o c	44	*	-
13A	Tiree	c b	b b c	43	40	-
	Benbecula	b	b c b	40	38	-
13B	Stornoway	b c b	b b c	43	38	-
	Cape Wrath	c p r b c	c p r b c	43	41	2
15	Dalwhinnie			34	32	-
	Aberdeen	c P R r r	r r p r c	43	41	5
	Rattray	c p r c p r	c	43	*	4
	Lossiemouth	i r o b d i r	i r a r r i r$_o$	40	38	4
	Wick	c p r c	p r o r r	43	39	2
16	Hatston	b e b	b c c p r a i r$_o$	43	38	3
	Lerwick	c r o r$_o$ b c	b c c p h o d r	39	34	2
17	Blacksod Point †	c	b c c	37	*	6
18	Malin Head †	c	c	46	*	tr
	Aldergrove	c r$_o$ r o m$_o$	c i r s m o c	42	40	5
	Cas. Archdale	c i r o m$_o$ c	d b c	43	37	-
19	Birr Castle †			37	37	4
	Collinstown †	r r	r c	43	38	13
20	Rineanna †	c	c p r	33	29	2
	Valentia †	c	c	41	33	3
	Roche's Point †	b c	c	39	*	tr

* Information not usually received.

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

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

Sunday 7th December 1947 — No. 31426

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direct. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. o-9 (12)	Cloud. Amount. Low. A. o-9 (13)	Cloud. Amount. Low. B. o-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	92.3	+12	ESE	3	vv	44	41	6	6	2	-	8	4	8	21	25
	Croydon	91.8	-2	ESE	4	c/pr	44	40	6	9	-	-	8	4	8	10	25
	S. Farnborough	91.5	+10	NE	2	mo	45	43	6	2	-	-	8	2	6	10	40
	Boscombe Down	91.8	+16	SW	2	c	45	42	7	5	-	-	6	4	4	18	25
	Calshot	92.3	+20	WNW	1	mo	48	45	6	5	-	-	6	3	4	30	-
	Tangmere	92.3	+14	S	4	mo	47	45	6	5	-	3	5	3	4	15	25
	Lympne	94.1	+6	SSE	4	c/f	45	42	8	9	-	-	7	4	7	5	8
	Manston	95.2	+10	SE'S	5	c	43	42	7	5	-	-	8	8	-	10	-
2	Shoeburyness	94.2	+14	SW	4	mo	44	41	6	8	-	-	8	8	-	15	-
	Felixstowe	95.4	+18	S	5	vrpo	44	42	6	5	-	-	8	4	8	15	25
	Gorleston	96.8	+14	S	6	mo	44	42	6	5	7	-	8	4	4	20	67
	Mildenhall	94.5	+14	ESE	4	c	45	42	7	5	-	-	8	5	8	6	25
	West Raynham	95.3	+18	SE	4	dodo	43	41	6	5	-	-	8	6	8	8	15
	Waddington	93.5	+22	SE	5	mo	45	42	6	5	-	-	7	3	7	7	15
3	Cranfield	92.7	+16	SE	4	c/tcu	49	41	6	2	6	2	7	5	3	10	-
	Honiley	91.6	+18	SE	2	cdo	43	41	7	5	-	-	8	8	-	20	-
4	Little Rissington	91.5	+18	SSE	3	c/r	41	40	7	5	-	-	6	4	6	8	25
	Defford	91.8	+22	-	0	c	45	42	7	5	-	-	7	1	7	6	15
5	Bristol	91.3	+20	SSW	2	cvo	43	40	7	5	-	-	8	1	7	15	25
	Hartland Point	92.3	+36	NNW	3	c/pr	47	44	8	8	-	-	7	1	7	-	-
	Yeovilton	91.0	+22	-	0	c	43	40	8	5	-	-	8	4	8	20	40
	Portland Bill	91.5	+18	W	4	c	40	45	7	5	-	-	8	8	-	10	-
	Exeter	92.2	+26	SW	2	c/f	44	42	6	5	7	-	8	1	4	15	40
	Plymouth	92.8	+22	NW	3	pro	46	43	6	5	-	-	6	6	-	8	-
	St. Eval	94.3	+32	NW	6	c	48	44	7	2	6	-	6	3	5	15	25
	Lizard	93.7	+34	NW	4	c-bc	48	46	8	8	6	-	5	5	-	20	-
	Guernsey	94.0	+22	W'S	5	c/pr	49	42	8	8	6	3	6	3	4	8	15
6	Scilly, St. Marys	95.0	+40	NW'N	5	c	48	44	8	8	-	-	7	5	-	14	-
	Fairwood	91.9	+20	NW	1	mo	45	42	6	5	-	-	7	4	5	18	40
	Pembroke	92.3	+44	NNW	5	pro	48	44	7	8	-	-	5	5	5	10	-
	Aberporth	91.8	+32	NW'N	3	c/pr	46	43	8	8	6	-	7	4	5	12	40
7	Holyhead (Valley)	91.4	+22	NW	5	c	47	43	7	8	7	-	6	4	6	20	-
8	Hawarden	91.9	+28	S	2	mo	46	43	6	5	7	2	5	4	4	15	40
	Manchester	91.8	+26	SE	3	bc/pr	45	41	6	5	6	2	5	2	4	15	40
	Squires Gate	91.1	+30	ESE	4	mo	45	43	6	5	5	3	5	1	3	40	-
	Carlisle	92.8	+38	NE	3	mo	44	40	6	5	4	2	5	1	4	25	-
9	Finningley	93.1	+24	SE	2	c	45	41	7	5	-	-	8	2	-	20	-
10	Spurn Head	94.8	+24	S'E	5	pro	44	44	7	5	-	-	8	6	8	15	-
	Leeming	94.1	+34	ESE	2	mo	44	42	5	5	2	-	8	5	8	10	15
	Tynemouth	94.0	+24	SSE	3	c	45	40	7	5	-	-	7	7	-	14	-
11	Acklington	94.6	+36	S	3	mo	44	43	6	5	-	-	6	6	-	15	-
	St. Abb's Head	93.8	+34	SE	1	dodo	46	41	5	5	-	-	7	7	-	15	-
	Leuchars	95.0	+30	SE	1	mo	48	42	6	5	-	-	8	8	-	20	-
	Bell Rock	94.3	+30	SE'S	4	c	47	44	7	9	-	-	8	4	-	15	-
12	Renfrew	94.1	+36	ENE	3	mo	41	39	5	5	3	-	4	4	4	35	-
	Prestwick	93.2	+32	NE'E	5	mo	42	38	6	5	-	-	7	4	7	25	40
	Wigtown	93.6	+42	NE	2	c	42	39	7	5	-	-	8	8	-	25	-
	Eskdalemuir	93.1	+32	E'N	3	-	41	38	8	5	3	-	7	2	4	-	15
	Point of Ayre	91.6	+34	E	3	vc	45	43	7	5	2	-	8	5	8	10	-
13A	Tiree	95.6	+12	NNE	4	bc	48	40	8	8	7	5	4	3	2	20	25
13B	Benbecula	98.1	+12	NNE	3	c-bc	43	39	8	5	3	-	5	4	3	12	-
	Stornoway	98.1	+8	NNE	5	c/pr	44	43	8	8	-	-	7	5	7	12	-
15	Cape Wrath	97.0	+8	NE	5	pro	45	45	8	6	2	-	8	5	8	20	57
	Dalwhinnie																
	Aberdeen	96.5	+30	SE	3	pro	46	44	5	8	7	-	7	1	3	10	15
	Rattray	96.0	+22	E	5	c-bc/pr	46	43	7	8	-	-	5	5	-	20	-
	Lossiemouth	97.4	+26	ESE	3	mo	42	39	6	5	2	-	7	4	7	18	-
	Wick	97.9	+6	ESE	2	cvo	43	41	6	5	-	-	8	7	-	15	-
16	Hatston	99.0	+14	E	3	c/r	43	42	8	5	-	-	8	3	8	12	25
17	Lerwick	02.6	+10	SE	4	c/r	45	43	7	9	-	-	8	5	4	8	25
18	Blacksod Point †	00.1	+24	NW'N	5	c	49	41	7	8	-	-	6	1	5	15	-
	Malin Head †	99.9	+20	N'E	5	c-bc	48	44	7	8	5	-	7	1	4	25	-
	Aldergrove	99.8	+30	NW'W	3	c-bc	45	41	8	7	7	-	5	2	5	15	40
	Cas Archdale	95.9	+26	N	4	c	46	41	8	5	-	5	6	3	5	18	40
19	Birr Castle †	97.3	+26	NW	2	c	46	42	8	5	-	-	8	3	-	20	-
20	Collinstown †	94.5	+32	NW	4	b-bc	45	41	8	7	4	3	6	3	2	42	-
	Rineanna †	99.9	+34	NW'W	4	c-bc	48	40	8	8	3	6	5	4	-	40	-
	Valentia †	01.9	+34	NW'N	5	c-bc/pr	49	41	8	8	-	-	6	4	-	28	-
	Roches Point †	98.7	+38	E'	4	c	47	43	8	5	-	-	5	5	-	-	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1300.

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

Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. o-9 (28)	Cloud. Amount. Low. A. o-9 (29)	Cloud. Amount. Low. B. o-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ o-9 (33)
Kew	96.0	-24	SW'W	2	f	44	43	3	5	-	-	5	5	-	20	-	1
Croydon	95.9	+28	SSW	2	fm	42	40	4	4	-	-	4	4	-	50	-	1
S. Farnborough	96.2	+30	W'S	2	zo	39	38	5	-	-	-	0	0	0	-	-	1
Boscombe Down	96.9	+26	W'N	2	mo	40	39	6	5	7	-	5	4	3	20	-	1
Calshot	97.7	+36	WNW	1	mo	43	41	6	5	7	-	4	3	4	20	-	1
Tangmere	96.2	+26	-	0	f	44	44	3	5	-	-	7	7	-	25	-	1
Lympne	96.6	+18	SSW	1	RR	44	43	6	6	-	-	8	8	-	33	-	1
Manston	97.0	+18	SSE	2	bc	45	45	7	6	7	-	4	4	3	20	-	1
Shoeburyness	96.4	+22	SSW	2	mo	43	42	6	5	-	-	5	5	-	35	-	1
Felixstowe	97.2	+14	S	5	c/r	45	42	6	5	-	-	6	3	5	25	40	1
Gorleston	98.3	+12	SSE	4	c	45	42	7	5	2	-	8	4	4	20	57	1
Mildenhall	96.6	+18	E'N	2	ro	44	42	7	5	-	-	8	8	-	13	-	1
West Raynham	97.6	+18	E	3	mo	42	40	6	5	-	-	8	8	-	30	-	1
Waddington	98.1	+30	ENE	3	mo	42	41	5	5	-	-	8	8	-	17	-	1
Cranfield	96.0	+22	N	2	do	43	41	5	5	-	-	8	8	-	19	-	1
Honiley	96.3	+30	NNE	1	mo	41	41	6	5	-	-	7	7	-	34	-	1
Little Rissington	96.3	+30	WNW	2	bc	40	38	7	5	-	-	3	3	-	25	-	1
Defford	97.1	+30	-	0	mo	37	36	5	5	-	-	3	3	-	40	-	1
Bristol	97.4	+32	W	1	m	39	38	7	5	7	-	5	5	-	-	-	1
Hartland Point	99.0	+36	NNW	4	c	48	43	8	8	7	-	6	4	3	-	-	1
Yeovilton																	
Portland Bill	97.1	+36	NNW	4	zo	49	40	6	5	-	-	5	5	-	10	-	1
Exeter	98.8	+36	NW	3	bc/pr	45	40	8	7	4	-	4	4	4	30	-	1
Plymouth	00.2	+38	NW	3	mo	47	42	6	5	-	-	6	6	-	25	-	1
St. Eval	01.8	+38	NW	6	c	48	44	8	5	-	-	8	3	8	15	25	1
Lizard	98.2	+28	NW	6	c	49	40	7	4	-	-	5	5	-	15	-	1
Guernsey	00.1	+46	NNW	6	c	48	45	8	8	6	-	6	4	4	12	25	1
Scilly, St. Marys	03.3	+44	NW'N	6	bc	49	40	8	8	-	-	4	4	-	-	-	1
Fairwood	98.9	+38	NNW	2	c/r	43	41	6	5	-	-	8	8	-	37	-	1
Pembroke	99.1	+36	NW'N	6	bc	48	44	7	8	-	-	4	4	-	25	-	1
Aberporth	98.2	+30	NW'N	4	pro	45	44	6	8	-	-	8	4	6	04	15	1
Holyhead (Valley)	97.9	+34	N	3	mo	45	43	6	5	7	-	3	3	2	25	-	1
Hawarden	98.0	+30	W	1	m	40	39	4	5	-	-	8	8	-	28	-	1
Manchester	97.3	+30	ENE	2	c/r	43	41	5	5	-	-	8	4	5	19	28	1
Squires Gate	98.0	+34	ENE	2	mo	43	41	5	5	-	-	7	7	-	35	-	1
Carlisle	98.1	+28	NE	2	pro	42	39	5	5	-	-	7	7	-	20	-	1
Finningley	97.7	+24	E	2	c	43	40	7	5	-	-	8	8	-	32	-	1
Spurn Head	98.7	+24	SE	2	c	44	43	7	5	-	-	8	8	-	-	-	1
Leeming	98.9	+26	-	0	mo	43	41	5	5	-	-	7	7	-	57	-	1
Tynemouth	99.3	+24	SSE	2	c	46	42	7	5	-	-	7	7	-	14	-	1
Acklington	99.8	+24	SE	3	mo	44	43	6	5	-	-	8	4	8	15	25	1
St. Abb's Head	99.1	+26	SE	1	mo	44	44	6	5	-	-	8	8	-	20	-	1
Leuchars	99.8	+24	-	0	mo	41	41	5	5	-	-	8	4	8	08	15	1
Bell Rock	99.3	+20	S	3	c	47	45	8	8	2	-	8	3	-	25	-	*
Renfrew	99.1	+26	ENE	1	ldo	42	40	4	5	-	-	8	8	-	15	-	1
Prestwick	98.8	+28	-	0	mo	41	39	6	5	-	-	8	8	-	38	-	1
Wigtown	98.8	+34	WNW	2	c	41	39	7	5	4	-	8	3	6	20	25	1
Eskdalemuir	99.3	+34	-	0	c	40	37	8	5	-	-	7	7	-	12	-	1
Point of Ayre	98.2	+38	NE'N	2	bc	45	43	8	5	-	-	4	4	-	20	-	0
Tiree	99.0	+18	NNE	2	c-bc	43	39	8	8	7	-	5	3	4	20	40	1
Benbecula	99.5	+8	NNE	2	c	42	39	8	5	-	-	6	3	4	18	40	0
Stornoway	99.4	+6	NW	3	bc/d	43	43	7	8	-	-	4	4	4	15	25	1
Cape Wrath	98.8	+10	E	3	bc	43	41	9	8	-	-	4	4	-	20	-	1
Dalwhinnie	99.0	+14	SW	1	c	35	32	7	5	-	-	8	8	-	10	-	6
Aberdeen	00.8	+30	SE'S	3	mo	47	45	5	8	7	-	7	5	3	15	25	1
Rattray	00.4	+28	S	5	c/pr	46	45	7	8	-	-	8	8	-	20	-	1
Lossiemouth	00.1	+16	E	2	bc	40	38	7	7	1	-	4	4	-	-	-	1
Wick	99.8	+12	SSE	3	c	46	44	7	5	-	-	7	7	-	21	-	1
Hatston	00.9	+10	SSE	3	ir	45	44	6	5	-	-	8	3	8	15	25	1
Lerwick	04.2	+12	SE	5	mo	46	45	6	5	-	-	8	4	-	05	-	1
Blacksod Point †	04.3	+28	NW	4	bc/pr	45	41	6	8	-	-	8	4	-	08	-	1
Malin Head †	99.0	+20	NNW	3	ir	46	42	8	8	2	-	5	4	-	25	-	1
Aldergrove	99.6	+34	-	0	c	39	37	7	5	-	-	7	4	6	25	72	1
Cas Archdale	01.2	+28	NNW	3	pro	43	42	8	-	-	-	7	4	7	15	25	1
Birr Castle †	01.4	+28	NW	2	b	43	41	8	8	-	-	7	0	7	0	-	1
Collinstown †	00.2	+32	WNW	4	c	45	41	8	8	-	-	8	4	8	-	45	1
Rineanna †	04.7	+24	W'N	4	bc	44	40	8	8	-	-	4	4	-	45	-	1
Valentia †	06.9	+30	NW'N	4	b-bc	46	39	8	8	-	-	3	3	-	27	-	1
Roches Point †	04.2	+36	N	4	b-bc	46	42	8	5	-	-	3	3	-	25	-	1

OBSERVATIONS during DAY (6th)

Stations	Weather. 06h.-12h. (34)	Weather. 12h.-18h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.-21h. mm. (38)
Kew	cvormo	crrsmf	47	0.6	3
Croydon	cvrmocpr	cmobcm	46	0.5	6
S. Farnborough	cmopro	cmoldocmo	46	0.6	2
Boscombe Down	crvroc	crrocmo	46	0.9	1
Calshot	crvcmobc	bcmo	-	1.3	1
Tangmere	cprocmo	cmocrrocf	49	1.6	4
Lympne	cvroc	clrobccR	47	0.0	7
Manston	cvomoc	clrocbc	45	0.0	5
Shoeburyness	cldocmo	cmo	45	0.2	2
Felixstowe	crovomo	crorocldocmo	46	0.4	1
Gorleston	ozo	olrozo	46	0.0	1
Mildenhall	c	cbccrro	46	0.0	1TR
West Raynham	bcvrocdodo	cmocbcm	44	0.0	0.5
Waddington	cvomocmo	cmo	45	0.7	-
Cranfield	bccprpro	cpromodddcmo	46	0.8	3
Honiley	cvrbcodo	cldoc	44	0.4	0.3
Little Rissington	crocmoc	cbcfgbc	43	1.0	0.3
Defford	clvoc	cocdfgmo	47	0.9	TR
Bristol	ccfgcvo	irobccm	45	0.4	TR
Hartland Point	clvopr	c	49	0.5	3
Yeovilton	clvoc			*	
Portland Bill	co	czo	50	*	-
Exeter	crovofbgmo	bccpr.bc	48	1.2	1
Plymouth	cprormo	cprmocmo	49	1.4	2
St. Eval	cbccpromoc	c	49	0.0	9
Lizard	cvrc	cg	49	1.6	TR
Guernsey	v	cprc	50	0.8	2
Scilly, St. Marys	pcvrc	bc	50	1.1	0.2
Fairwood	cvvomoc	crromo	45	0.2	4
Pembroke	cqlvrspro	cbc	49	1.4	1
Aberporth	cprobccpropvc	cprcPrcpr	47	0.1	9
Holyhead (Valley)	cmoc	ccirobcmo	47	0.3	TR
Hawarden	cmobcmo	cmoom	46	0.4	0.5
Manchester	cbccpromo	cmocirmo	48	0.9	0.2
Squires Gate	cmobcmcmo	bcmocmc	47	2.3	-
Carlisle	bccmobccmo	bcmcmo	45	*	TR
Finningley	cvrvomoc	ccromoc	46	0.5	0.6
Spurn Head	cpro	o	45	0.0	TR
Leeming	cvvmo	cimodo	45	0.0	2
Tynemouth	cmoovvmoc	cprC	45		1
Acklington	cmoccvomocmo	cmo	45	0.0	1
St. Abb's Head	ocvbcdodo	cmorrC	44	*	1
Leuchars	cvmobcc	cmoirocmo	45	0.0	0.4
Bell Rock	prvr	c	*	*	*
Renfrew	cvobcmo	cmocmido	45	0.0	0.2
Prestwick	rorocro	cmo	43	*	TR
Wigtown	cprvoc	cc	42	*	-
Eskdalemuir	cdoc	cc	43	0.1	-
Point of Ayre	cvro	cbc	45	0.0	-
Tiree	bccbc	bcbcw	48	3.6	2
Benbecula	bcc	c	44	*	-
Stornoway	cpr	cldoc	46	0.5	4
Cape Wrath	cvvocpr	cprobc	47	*	3
Dalwhinnie		c	40	0.0	-
Aberdeen	cPrvhpro	cPrhcm	47	0.0	9
Rattray	cprcpr	cprcpr	47	*	4
Lossiemouth	c	cprbc	45	0.0	2
Wick	cvro	crorrc	47	0.0	6
Hatston	cvrodovvmo	cciromo	47	0.0	9
Lerwick	crorMoC	crsmo	46	0.0	3
Blacksod Point †	c	cprbc	48		2
Malin Head †	bc	cir	48	0.0	0.2
Aldergrove	cbcc	cypbcc	46	0.6	TR
Cas Archdale	bcc	ccpro	46	0.2	1
Birr Castle †	c	b	47	0.1	-
Collinstown †	b	c	46	3.6	TR
Rineanna †	c	bc	49	4.0	TR
Valentia †	pr	bc	51	2.9	0.1
Roches Point †	c	bc	49	*	-

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

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

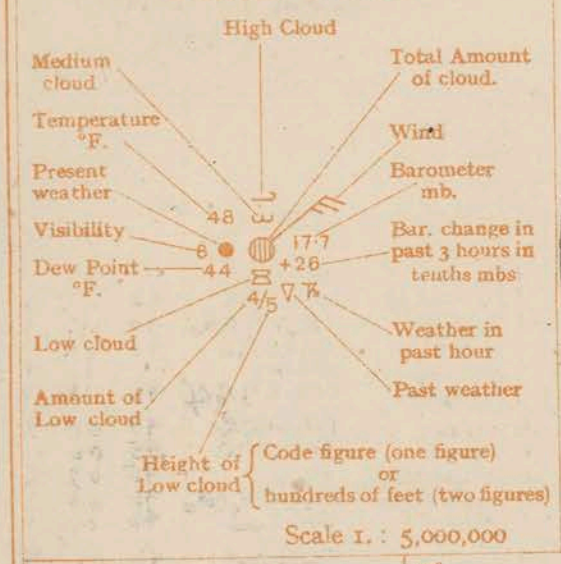
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Sunday 7th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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.	Humidity 15h % Yesterday	Humidity 9h % Today
Kew ...	cr,o,rm,o	cf,rm,f	cf,r,o,cm,o	47	42	39	3	0·4	0·6	*	*
Croydon ...	cor,m,o,cpr	cm,o,bcm	bcmd,o,m	46			6			92	93
Greenwich ...	cirg	cr,o,r,o,cb	bcm	46	42	30	6·9	–	0·1	88	91
Westminster ...	*	*	*	47	42	40	4·3		*	92	87
Regents Park ...	*	*	*								
Camden Square ...	cr	odc	*	47	43	40	4·6	0·3	*	*	92
Kensington ...	orc	cdc	*	48	42	38	6·3	0·3	*	93	91
Hampstead ...	or	om	or	45	41	37	0·9	0·5		*	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·4 Time 18th 6th. Min. 0·1 Time 6–9h. 6th.

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

1947

morning

Sunshine to sunset hrs.	Humidity 15h %	Humidity gh %	Yesterday	To-day
0·6			•	•
	92	93		
0·1	88	91		
•	92	87		
			•	•
		92		
•	93	91		
	•	97		

9h. 6th.

GENERAL INFERENCE

A feeble ridge of high pressure is moving eastwards from western districts and is followed by weak troughs of low pressure affecting western districts. It will be mainly fair in eastern and central districts apart from local fog persisting in some industrial areas in the midlands and north, but fog will become fairly general tonight and thick in many places and will be slow to clear tomorrow morning. It will be fair at first in western districts but cloudy conditions with some rain will soon spread into Northern Ireland and to remaining western districts later this afternoon and evening reaching the west midlands later tomorrow morning. It will be generally rather cold.

FURTHER OUTLOOK

Rain spreading to Ireland from the west and thence quickly eastwards to all districts.

Chart of Weather in the Northern Hemisphere.

Morning of Sunday 7th December 1947

Clark's Projection Scale 1 : 4 × 10⁷ along meridian at 35° N.

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

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

Sunday 7th December 1947 — No. 31426.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc (3)	Wind. Force (4)	Weather (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16		*	*	*	*	41	*	*	*	*	*	*	*	*	*	
	Croydon	217	02·0	+32	WSW	2	m	41	40	4	5	–	–	8	8	0	5	–
	S. Farnborough	226	02·5	+28	WSW	3	m_o	37	36	5	–	–	–	0	0	0	–	–
	Boscombe Down	417	03·2	+28	N'W	3	m_o	41	40	6	5	–	–	4	4	0	22	–
	Calshot	8	03·2	+26	WNW	3	c	43	41	7	5	–	–	6	6	0	30	–
	Tangmere	53	02·4	+26	NW	3	m	42	41	4	5	–	–	4	4	0	25	–
	Lympne	341	00·4	+18	WNW	2	m_o	41	40	6	6	–	–	3	3	0	20	–
	Manston	140	00·6	+16	W'N	2	m_o	42	42	6	5	–	–	7	4	7	4	15
2	Shoeburyness	11																
	Felixstowe	10	01·0	+18	–	0	$r_o r_o$	44	42	6	5	–	–	8	8	0	21	–
	Gorleston	5	00·7	+4	SE	4	b	45	43	7	–	–	–	0	0	0	–	–
	Mildenhall	15	01·5	+26	ESE	1	m_o	41	40	5	5	–	–	8	8	0	27	–
	West Raynham	250	01·5	+14	ENE	3	m_o	42	41	6	5	–	–	4	4	0	40	–
	Waddington	235	03·0	+28	N	3	ld_o	41	40	5	5	2	–	8	5	8	10	57
3	Cranfield	340	01·2	+36	NW	2	d	42	41	5	5	–	–	8	8	0	05	–
	Honiley	427	02·2	+30	NW	3	c	41	41	5	5	–	–	8	8	0	4	–
4	Little Rissington	731	01·2	+30	W	3	c/r	39	38	5	5	–	–	6	6	0	25	–
	Defford	58	02·6	+28	—	0	m	40	39	6	5	2	–	8	4	8	9	40
5	Bristol	209	03·7	+36	W	3	m_o	40	39	6	5	–	–	4	4	0	30	–
	Hartland Point	299	05·6	+30	NW	5	c-bc	49	44	8	8	–	–	5	5	0	–	–
	Yeovilton	50																
	Portland Bill	32	03·4	+34	NNW	5	c-bc/pr	48	41	6	5	–	–	5	5	0	10	–
	Exeter	100	05·6	+24	WNW	3	c-bc	46	43	7	4	7	–	5	4	5	33	–
	Plymouth	86	06·9	+30	W	3	z_o	48	41	6	5	–	–	4	4	0	40	–
	St. Eval	345	08·5	+32	WNW	4	pr	48	43	7	8	–	–	6	5	3	20	57
	Lizard	240	09·1	+34	NW	5	bc	49	40	7	5	–	–	4	4	0	20	–
	Guernsey	340	06·4	+24	NW'N	6	b-bc	49	42	8	2	–	–	3	3	0	20	–
	Scilly, St. Marys	163	09·4	+30	NW	5	b/pr	48	41	8	8	–	–	4	4	0	–	–
6	Fairwood	268	05·2	+34	NNW	5	r_o	45	43	7	5	–	–	6	4	6	47	–
	Pembroke	142	05·9	+30	NW	6	bc	48	46	7	8	–	–	4	4	0	20	–
	Aberporth	425	05·0	+38	NNW	4	c	47	42	8	2	–	–	6	6	0	39	–
7	Holyhead (Valley)	32	04·8	+32	NNW	2	r_o	43	41	5	5	–	–	7	7	0	20	–
	Hawarden	15	04·2	+26	NW	1	b	40	39	5	–	–	–	9	9	0	–	–
8	Manchester	230	04·7	+42	N'E	1	f	42	30	0	4	–	–	9	8	0	35	–
	Squires Gate	33	03·5	+32	—	0	m_o	42	40	5	5	–	–	8	8	0	–	–
	Carlisle	100	03·9	+8	–	0	m_o	39	38	5	–	1	–	3	3	0	–	–
9	Finningley	28	03·0	+30	–	0	m	41	39	4	5	–	–	8	8	0	32	–
10	Spurn Head	29	02·8	+14	E'S	2	b	43	43	7	–	–	–	8	0	0	–	–
	Leeming	105	03·9	+26	N	2	m_o	40	39	5	5	–	–	6	6	0	12	–
	Tynemouth	108	03·5	+20	SE	2	c/r	44	42	7	5	–	–	8	8	0	14	–
	Acklington	138	04·4	+22	SSE	1	$r_o r_o$	43	43	5	5	–	–	8	8	0	10	–
11	St. Abb's Head	280	04·2	+26	SE	2	m_o	44	44	6	5	–	–	8	8	0	20	–
	Leuchars	31	04·6	+22	–	0	c	43	41	7	5	–	–	8	8	0	40	–
	Bell Rock	—	04·2	+24	S'W	5	rr	46	42	7	–	2	–	8	8	–	15	–
12	Renfrew	35	04·2	+30	–	0	cf	38	38	3	5	–	–	8	8	0	25	–
	Prestwick	30	04·2	+26	E	2	c	37	37	5	5	–	–	6	6	0	35	–
	Wigtown	19	04·3	+24	W	2	o	39	38	7	5	–	–	8	8	0	18	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	03·8	+28	SW'W	1	c	43	41	8	5	2	–	8	5	8	15	–
13A	Tiree	44	04·0	+26	NNW	1	c-b/pr	44	41	8	8	–	–	5	4	3	12	25
	Benbecula	27	04·4	+26	N	1	b-bc	42	40	8	5	3	–	3	2	2	25	–
13B	Stornoway	12	03·0	+22	SSW	2	bc	40	40	7	8	–	–	4	4	2	15	25
	Cape Wrath	367	02·5	+16	S	1	b-bc	41	39	9	5	–	–	3	3	0	30	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						46										
	Rattray	46	04·4	+26	SSE	4	c	46	44	7	5	–	–	6	6	0	25	–
	Lossiemouth	21	05·2	+22	ENE	2	c-bc	40	38	6	5	–	–	5	5	0	25	–
	Wick	114	04·5	+26	SSE	4	bc	46	43	8	5	–	–	4	4	0	15	–
16	Hatston	45	05·0	+22	SSE	3	r_o	44	42	7	5	–	–	8	8	0	28	–
	Lerwick	269	07·4	+12	SE	6	bc	45	41	7	8	–	–	4	4	0	15	–
17	Blacksod Point †	18	08·1	+18	WNW	2	b-bc	44	40	8	8	–	–	3	3	–	15	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	04·7	+24	WSW	1	c	41	39	7	5	–	–	7	3	7	30	5
	Cas. Archdale	225	06·7	+14	W	3	b-bc	41	39	8	5	–	–	3	3	0	25	–
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	06·5	+26	W'N	4	bc	40	36	8	5	3	–	4	3	–	40	–
20	Rinesanna †	13	09·6	+22	W	2	b/pr	40	38	8	8	–	–	4	1	–	29	–
	Valentia †	30	10·9	+16	W'N	3	b	47	36	8	8	–	–	2	2	–	27	–
	Roche's Point †	22	10·0	+30	N	4	b	43	41	8	5	–	–	2	2	–	25	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
06·6	+32	NW'N	3	m_g	43	41	5	–	–	–	8	8	–	31	–	1
06·0	+22	WNW	4	cld	43	41	4	–	–	–	8	8	–	4	–	1
07·0	+24	WNW	3	m_o	42	40	6	–	–	–	8	8	–	18	–	1
07·7	+18	WNW	3	m_o	40	38	6	5	–	–	8	4	8	16	25	1
08·4	+30	NW	2	b-bc	42	39	7	5	–	–	8	3	–	30	–	1
06·6	+22	NW	3	m_o	42	40	5	5	–	–	8	3	–	15	–	1
04·6	+20	W'N	3	df	41	41	2	–	–	–	9	9	–	–	–	1
04·7	+22	WNW	3	df	42	42	2	–	–	–	9	9	–	–	–	1
06·1	+22	NW	2	clr	43	41	5	–	–	–	8	8	–	30	–	1
04·3	+18	NNE	2	$r_o r_o$	44	42	6	5	–	–	8	8	–	15	–	1
05·2	+28	NE	3	c	44	42	7	5	–	–	7	7	–	25	–	1
05·7	+26	NNW	1	m_o	38	38	5	5	–	–	7	3	–	40	–	1
05·7	+22	NNW	2	m	37	36	4	–	–	–	10	4	–	–	–	1
06·7	+18	NNW	3	m_o	40	40	5	5	–	–	8	8	–	18	57	1
06·8	+32	NW	3	m	41	40	6	5	–	–	8	8	–	03	–	1
07·6	+26	WNW	2	bf	35	35	3	1	–	–	0	0	–	–	–	1
07·6	+26	NW	4	b	38	36	6	–	–	–	9	0	–	–	–	1
08·3	+26	–	0	f	31	28	2	–	–	–	9	3	–	–	–	1
08·5	+24	NW	3	m_o	41	39	6	5	–	–	9	3	–	35	–	1
10·0	+24	NW	5	b-bc	48	41	8	5	–	–	9	3	–	–	–	1
07·9	+20	NNW	5	c	48	41	6	5	–	–	5	5	–	10	–	1
10·1	+30	NW	3	b	43	40	7	–	4	–	5	1	–	–	–	1
11·3	+22	WNW	3	b	45	41	7	5	–	–	5	1	–	25	–	1
12·1	+20	NW	4	bc	46	42	7	5	–	–	5	4	–	20	–	1
11·8	+20	NW	3	bc	46	38	7	5	–	–	8	3	–	20	–	1
10·7	+18	N'W	6	bc	48	41	8	8	–	–	4	1	4	15	25	1
12·0	+10	WNW	4	b-bc	47	40	9	1	–	–	3	3	–	–	–	1
09·7	+26	NW	4	bc	42	40	7	5	–	–	4	4	–	20	–	1
10·1	+18	NW	6	b	47	45	7	2	–	–	2	2	–	30	–	0
09·3	+22	NW'W	4	bc	45	41	8	2	6	–	4	4	1	14	–	1
08·5	+18	NNW	2	bc	43	41	5	5	3	–	4	4	3	20	–	1
08·1	+20	–	0	cf	38	38	2	5	–	–	8	8	–	18	–	1
07·7	+18	S'E	1	cf	34	34	0	1	–	–	9	9	–	–	–	1
07·5	+20	E	1	f	38	37	3	–	–	–	9	9	–	–	–	1
08·9	+14	–	0	bF	31	31	3	–	7	–	4	4	–	–	–	1
06·5	+18	–	0	cf	40	39	3	5	–	–	8	8	–	30	–	1
06·3	+24	N'W	2	bc	44	44	7	5	–	–	8	4	–	–	–	1
06·9	+14	NW	2	r_o	40	40	4	5	–	–	8	8	–	10	–	1
06·9	+12	SW	2	c-bc	44	41	7	8	–	–	5	5	–	14	–	1
07·2	+12	NW	1	m_o	41	41	6	5	–	–	8	4	8	10	40	1
06·7	+12	SE	2	$r_o r_o$	42	42	6	5	–	–	8	8	–	15	–	1
07·1	-14	–	0	rr	40	40	7	5	7	–	6	4	6	30	–	1
07·8	+26	–	0	c	46	44	8	–	2	–	6	6	–	25	–	*
07·2	+14	–	0	f	37	37	3	–	–	–	9	9	–	–	–	0
07·2	+12	E	1	c	37	37	6	5	–	–	8	4	5	22	40	1
07·6	+12	–	0	o	38	37	7	5	–	–	8	8	–	25	–	1
07·4	+20	NW	1	m_o	35	34	5	5	–	–	4	3	4	3	15	1
06·8	+14	W'S	1	c	41	40	8	5	–	–	7	7	–	25	–	0
06·6	+10	NNW	2	bc/r	42	39	8	5	–	3	4	3	3	30	–	1
06·0	+10	–	0	b-bc	42	40	8	5	–	3	4	3	–	–	–	1
05·3	+12	WSW	3	bc	40	39	7	5	–	–	4	3	–	25	–	1
05·0	+12	S	2	b-bc	42	37	9	4	–	–	3	3	–	35	–	0
07·6	+14	SE'S	2	m_o	46	42	5	5	–	2	5	5	4	20	–	1
07·0	+8	SSW	3	b-bc	43	41	7	5	–	–	5	5	–	35	–	0
07·3	+10	SW	2	c-bc	37	36	7	5	–	–	5	5	–	25	–	1
06·2	+6	SSE	4	c-bc	45	40	8	5	5	–	5	5	–	–	–	1
06·8	+6	SSE	3	b-bc	44	42	8	5	3	–	4	3	2	40	–	1
08·5	+6	SSE	3	bc	44	41	7	5	–	–	4	2	–	18	–	1
08·2	0	–	0	b	41	37	8	5	–	–	4	1	–	25	–	0
06·4	+8	SW	2	pho	41	37	8	8	–	–	4	4	–	25	–	1
07·7	+10	SE	2	b	36	35	7	5	–	–	3	1	2	30	–	1
08·9	+12	–	0	b-bc	40	38	8	–	–	–	3	3	–	–	–	1
09·8	+4	NW	1	b-bc	32	32	8	8	–	–	4	3	–	–	–	3
09·4	+12	W'S	1	bc	35	33	8	8	–	–	5	2	–	40	–	1
10·6	+2	ESE	2	b	36	34	8	8	–	–	5	5	–	25	–	1
10·4	-10	NE'N	2	c	42	38	8	8	–	–	5	5	–	32	–	1
11·8	+4	N'W	3	b	41	39	8	8	–	–	7	7	–	25	–	1

OBSERVATIONS Saturday NIGHT

Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain mm. (43)
cfrorms	cms	42	39	0.4
bcmc	omcdoom	40	39	0.1
bmxbmw	cmow	35	24	–
cm_o	bcmocmo	36	33	–
$bcm_o cm_o c$	cbc	41	37	–
bimsm	bcmbmcmo	39	39	–
$cpr_o cmbm_o$	o Focdaf	38	34	0·3
$r_o r_o cm_o$	cmaf	40	39	3
	$cr_o mocmo$	42	39	8
$bccr_o m_o$	$cr_o vo mocmb$	42	40	0·3
bcb	c	43		
$cr_o r_o bcm_o$	cm_o	35	35	0·1
cldcdd bm	bcmccmbm	35	28	0·1
$cm_o ldo$	$-mfcm_o$	39	37	0·5
[illegible]	[illegible]	40		0·1
	$cm_o ldcm_o$ $cmobf$	34	28	Tr
$bcm_o sr_o c$	$ro_o fm_o o$	37	35	Tr
$cm_o cm$	cmbmof	36	25	–
$cmm_o bm_o$	$bccbcmb$	38	30	–
bcc	bc	45	44	–
$o pr$	cc	46		0·2
bclbjfc	clbcffb	40	29	Tr
$cm_o pr_c z_o$	$bc_2 obcb$	41	33	0·1
cpr_o	$cpr_o bc$	45	40	Tr
bc9	bc	44		Tr
bc	b	42	42	0·3
prbc	bcbpb	46		0·2
$cr_o dm_o cir_o$	$cr_o bmo bc$	40	35	0·1
$bcq_o bcq$	$bcqbc$	46		–
$cprpmr_o c$	cbc	44	39	0·2
$cm_o ir_o$	$cr_o cmo bcmo$	39	29	2
$omofbf$	bFoF	37	31	–
bcmff	bcfF	46	26	Tr
$mo c$	cmoff	34	30	–
$cm_o pr_o bcm_o$	$bumofbm$	30	28	0·3
$cm_o cm$	$cmo cf$	37	30	–
b	bc	46		–
$cidom_o$	cmomcro	38	37	0·6
cprcirc	ocvocprc	41	32	3
$cm_o rom_o r_o$	$cr_o mocmo$	38	31	11
$cm_o rom_o$	$cr_o vcr_o vo$	44		5
$cid_o mo c$	$bccvro$	37	34	0·1
prr	vvc			
$cidoff$	cmoff	35	31	–
cm_o	cm_o	34	30	–
c	c	35	31	–
c	$cbcm_o$	33	31	–
c	c	39		–
bccrpr$_o$	bccclro	36	30	3
cbc	bbcw	35	28	–
crc	ccdtbc	38	34	2
bc	b	40	39	2
		32	29	3
$cpr_o cm_o$	$cbccpr_o hcm_o$	43	41	7
cc	bcbc	30		0·2
bcc	c	33	31	Tr
cir_o	bccbcc	44	40	0·3
$cr_o r_o ir_o$	$cr_o bc$	43	39	14
$cm_o bc$	bccbc	41	39	3
bc	b	37		–
	pr	40		4
cbcc	$cr_o sprocb$	33	29	0·1
bcprbc	bcb	35	26	0·1
	b	31	23	–
bc	b	34	30	Tr
a	b	31	28	Tr
b	c	37	33	0·2
b	b	40		

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 8th December 1947

No. 31427

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

Dist.	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind Direc. (3)	Wind Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud Form. Low. (9)	Cloud Form. Med. (10)	Cloud Form. High. (11)	Cloud Amount. Total. 0–9 (12a)	Cloud Amount. Low. A. 0–9 (13)	Cloud Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	12.2	+18	NW'N	2	mo	44	39	5	5	–	–	8	2	7	21	25
	Croydon	12.0	+20	WNW	3	m	43	39	4	5	–	–	8	8	–	06	–
	S. Farnborough	12.6	+22	NW'N	2	mo	41	39	5	5	–	–	7	5	7	07	25
	Boscombe Down	12.9	+14	WSW	3	mo	44	42	6	–	–	1	3	3	–	–	–
	Calshot	12.9	+16	N'W	2	mo	45	42	6	–	–	2	4	4	–	–	–
	Tangmere	12.0	+22	WNW	3	mo	46	42	5	–	–	2	4	4	–	–	–
	Lympne	10.0	+23	NW	3	mo	44	44	6	5	7	–	7	5	7	06	–
	Manston	10.3	+26	NNW	3	mo	44	44	5	5	–	–	6	4	6	07	15
2	Shoeburyness	11.2	+26	NW	2	mo	44	42	6	5	–	–	5	4	3	10	40
	Felixstowe	10.3	+24	NNW	2	mo	45	43	6	5	6	–	4	3	3	30	–
	Gorleston	09.5	+20	NNE	2	m	48	45	4	5	7	–	4	3	3	08	72
	Mildenhall	10.8	+18	NW	1	F	43	43	1	–	–	–	9	9	–	0	–
	West Raynham	10.6	+20	NW	2	f	43	43	2	5	–	–	8	8	–	10	–
	Waddington	10.9	+14	NW'N	2	F	41	41	1	–	–	–	9	9	–	0	–
3	Cranfield	12.2	+22	W	1	f	39	38	3	–	–	–	9	9	–	–	–
	Honiley	11.8	+16	–	0	f	40	40	2	5	–	–	6	6	–	40	–
4	Little Rissington	11.9	+16	W	3	mo	41	38	5	5	–	8	4	1	4	35	–
	Defford	12.4	+10	SW	2	mo	41	40	6	5	–	6	5	3	4	30	–
5	Bristol	12.7	+10	W	2	mo	47	42	6	5	–	2	3	3	2	30	–
	Hartland Point	13.3	+12	WNW	3	bc	50	49	8	2	–	–	4	3	3	–	–
	Yeovilton																
	Portland Bill	12.3	+16	NNW	4	2o	50	42	6	5	–	–	4	4	–	15	–
	Exeter	14.1	+12	WSW	1	b	51	44	8	7	7	–	8	1	1	15	40
	Plymouth	14.6	+10	WNW	1	m	50	42	8	7	3	–	6	1	4	20	–
	St. Eval	15.0	+8	W	3	c	51	42	8	8	–	–	6	2	4	20	–
	Lizard	14.5	+6	W	2	c	50	43	8	7	3	–	6	4	3	20	40
	Guernsey	14.9	+14	NW'W	5	bc	50	42	8	2	–	1	4	3	4	16	25
	Scilly, St. Marys	14.2	+2	SW'S	3	c	51	45	8	5	7	–	7	5	3	30	40
6	Fairwood	13.6	+16	WNW	3	bc	47	43	7	5	8	–	4	3	3	25	–
	Pembroke	11.9	0	W	3	c	49	42	7	2	–	–	6	3	3	30	–
	Aberporth	12.7	+10	W	2	cbc	48	41	8	8	–	–	5	4	4	20	–
7	Holyhead (Valley)	11.5	+10	WSW	2	cbc	48	45	8	8	–	–	5	4	4	20	–
8	Manchester	11.8	+12	NNW	2	mo	45	41	5	5	–	3	6	4	2	25	–
	Squires Gate	11.4	+12	SE	1	F	39	39	1	–	–	–	9	9	–	0	–
	Carlisle	11.9	+22	ESE	2	f	38	38	0	–	–	–	9	9	–	0	–
		10.6	+12	–	0	f	37	36	3	–	3	–	4	4	–	–	–
9	Finningley	10.7	+14	–	0	m	42	41	4	5	–	–	6	6	–	35	–
10	Spurn Head	10.6	+16	W'N	3	m	43	42	4	5	–	–	5	5	–	–	–
	Leeming	11.0	+18	–	0	mo	41	40	5	–	3	–	6	6	–	–	–
	Tynemouth	10.8	+12	W	1	f	43	42	2	8	–	–	7	7	–	13	–
	Acklington	10.8	+14	WSW	1	mo	42	41	6	5	3	–	5	4	3	15	–
11	St. Abb's Head	10.1	+16	SE	2	cjf	43	43	6	5	–	–	6	6	–	20	–
	Leuchars	10.5	+10	–	0	+	36	36	3	5	5	8	6	3	–	30	–
	Bell Rock	09.9	+10	S'W	4	cbc	47	43	8	8	3	–	5	3	–	15	–
12	Renfrew	10.4	+8	–	0	f	38	38	2	–	–	–	9	9	–	0	–
	Prestwick	09.8	+8	ENE	1	mo	40	39	6	5	–	–	6	5	3	35	40
	Wigtown	11.0	+10	SE	2	mo	41	39	6	5	–	–	8	8	–	22	–
	Eskdalemuir	10.5	+10	–	0	mo	36	34	6	5	3	–	4	3	4	–	–
	Point of Ayre	10.2	+12	WSW	1	cbc	45	44	8	5	–	2	5	3	3	20	40
13A	Tiree	08.6	+4	SSE	1	c	45	42	7	8	–	7	7	2	2	20	40
13B	Benbecula	07.9	+8	SSE	1	cbc	40	37	9	8	–	6	5	2	1	22	40
	Stornoway	07.7	+6	SW	2	cbc	42	41	8	8	3	5	5	3	3	30	–
15	Cape Wrath	07.5	+10	S	3	c	42	40	8	5	–	–	6	6	–	20	–
	Dalwhinnie																
	Aberdeen	10.5	+10	S	2	mo	46	42	5	8	7	–	7	3	4	25	40
	Rattray	10.8	+24	S	3	bbc	45	42	7	5	–	–	3	3	–	35	–
	Lossiemouth	10.0	+12	–	0	bc	44	39	7	5	–	–	4	4	–	30	–
	Wick	09.1	+19	SE	3	c	45	40	7	–	7	–	7	7	–	–	–
16	Hatston	08.8	+6	S	4	c	46	44	7	8	3	–	7	2	5	12	15
17	Lerwick	10.1	+6	S'E	5	bc	45	43	7	2	4	–	4	4	1	12	–
18	Blacksod Point †	05.5	+22	S'E	3	rr	44	42	7	6	2	–	8	5	–	08	–
	Malin Head †	07.5	+2	S	1	cbc	44	40	8	8	–	–	7	5	3	25	–
	Aldergrove	09.9	+6	SE	2	c	40	38	7	5	7	–	7	7	1	20	–
	Cas Archdale	09.3	-4	SSE	1	cjf	37	35	7	5	4	6	7	1	1	–	–
19	Birr Castle †	08.5	-14	SSW	2	c	40	36	8	5	–	–	8	–	–	25	–
	Collinstown †	10.9	-6	SW'S	2	2o	46	38	6	–	4	6	5	8	–	–	–
20	Rineanna †	08.6	-18	ESE	4	ro	10	40	7	5	6	8	8	8	–	35	–
	Valentia †	06.5	-26	SSE	4	rr	50	50	7	6	2	–	8	6	–	08	–
	Roches Point †	10.7	-12	SW	4	ro	48	48	7	6	2	–	8	4	–	8	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

Dist.	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind Direc. (19)	Wind Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud Form. Low. (25)	Cloud Form. Med. (26)	Cloud Form. High. (27)	Cloud Amount. Total. 0–9 (28)	Cloud Amount. Low. A. 0–9 (29)	Cloud Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
1	Kew	14.0	+6	N	1	bf	38	37	2	–	–	–	9	9	–	–	–	1
	Croydon	14.5	+6	–	0	bf	37	36	2	–	–	–	10	10	0	–	–	1
	S. Farnborough	14.3	+2	S'W	1	bf	36	34	2	–	–	–	10	10	0	–	–	1
	Boscombe Down	14.7	+12	SW	2	mo	39	37	6	–	–	3	4	4	–	–	–	1
	Calshot	14.7	+6	SW	1	mo	41	39	6	5	–	–	3	3	–	50	–	0
	Tangmere	14.1	+10	–	0	mo	35	35	5	–	–	2	2	2	–	–	–	1
	Lympne	14.3	+24	NW	1	mo	42	40	5	5	–	–	8	8	–	12	–	1
	Manston	13.9	+18	NW'W	2	m	43	43	4	5	–	–	8	4	8	8	25	1
2	Shoeburyness	14.1	+18	–	0	mo	45	41	6	5	–	–	8	8	–	15	–	1
	Felixstowe	13.2	+14	N'W	2	mo	44	41	5	–	–	–	8	8	1	–	–	1
	Gorleston	12.6	+18	NW	2	bf	43	41	5	–	–	–	9	9	–	–	–	1
	Mildenhall	13.4	+14	W'N	1	bf	40	40	2	–	–	–	9	9	–	–	–	1
	West Raynham	12.7	+10	WSW	3	f	39	38	1	–	–	–	9	9	–	–	–	1
	Waddington	12.6	+10	S	2	F	36	36	0	–	–	–	9	9	–	–	–	1
3	Cranfield	13.6	+6	WSW	1	OF	39	38	1	–	–	–	9	9	–	–	–	1
	Honiley	13.0	+6	SE	3	OF	35	35	0	–	–	–	9	9	–	–	–	1
4	Little Rissington	13.5	+10	SSW	3	mo	39	37	6	–	–	–	10	–	–	–	–	1
	Defford	13.4	+8	SW	3	mo	36	35	6	5	–	–	10	1	0	30	–	1
5	Bristol	13.6	+6	S	1	mo	42	38	6	5	7	–	5	1	4	15	–	1
	Hartland Point	11.6	-3	S	3	ro	46	44	7	8	–	–	8	8	–	–	–	1
	Yeovilton																	
	Portland Bill	13.4	+12	NW	3	c	50	41	7	5	–	–	6	6	–	10	–	1
	Exeter	13.9	-2	SE'S	2	ro	45	40	7	5	2	–	8	1	8	20	57	1
	Plymouth	14.9	+4	S	2	ro	49	46	7	6	–	–	8	5	8	15	–	1
	St. Eval	12.9	-16	SSE	3	ro	47	46	7	6	2	–	8	4	4	20	40	1
	Lizard	12.6	-10	SW	4	rr	50	50	7	5	–	–	8	8	–	10	–	1
	Guernsey	15.8	+10	WSW	3	rr	49	45	8	5	7	–	8	4	8	20	–	1
	Scilly, St. Marys	10.7	-18	SSW	5	jp	52	49	7	5	–	–	8	8	–	19	–	1
6	Fairwood	11.9	-10	SSW	2	ro	46	44	7	5	–	–	8	8	–	16	–	1
	Pembroke	10.3	-10	S'W	6	rr	49	49	6	5	–	–	8	8	–	25	–	1
	Aberporth	10.6	-14	S	3	ro	44	41	8	5	2	7	8	3	6	14	–	1
7	Holyhead (Valley)	09.7	-10	S	3	c	46	44	8	7	7	–	8	4	6	25	–	1
8	Manchester	12.1	+2	–	0	bf	35	35	3	–	–	–	10	–	–	–	–	1
	Squires Gate	11.7	+2	SE	2	bf	41	40	3	–	–	2	4	4	0	–	–	1
	Carlisle	11.5	-2	SE	3	bf	37	36	0	–	–	–	10	–	–	–	–	1
		10.4	+2	E	2	m	39	37	4	5	–	–	4	4	–	14	–	1
9	Finningley	12.1	+10	SE	1	F	31	30	1	–	–	–	9	9	–	–	–	1
10	Spurn Head	12.4	+10	W	1	F	37	37	0	–	–	–	10	9	–	–	–	0
	Leeming	12.1	+8	–	0	OF	35	35	0	–	–	–	10	9	–	–	–	1
	Tynemouth	11.2	0	W	1	cf	42	41	2	5	–	–	8	8	–	18	–	1
	Acklington	11.4	+2	WSW	1	bcf	36	35	2	5	–	–	4	4	–	15	–	1
11	St. Abb's Head	09.7	+2	SE	2	cjf	42	42	6	5	–	–	6	6	–	20	–	0
	Leuchars	10.8	+4	WSW	1	F	36	36	1	–	–	–	9	9	–	–	–	0
	Bell Rock	10.4	+2	W	1	F	43	41	1	–	–	–	9	9	–	–	–	0
12	Renfrew	10.0	-2	–	0	f	37	37	2	–	–	–	9	9	–	–	–	0
	Prestwick	09.0	-2	ESE	3	mo	40	38	5	5	–	7	8	4	8	30	–	1
	Wigtown	10.0	-6	SE	3	mo	41	41	6	5	–	–	4	4	–	20	–	1
	Eskdalemuir	10.3	0	–	0	mo	39	37	5	5	–	–	8	3	8	9	15	1
	Point of Ayre	09.2	-6	S'W	2	c	44	42	8	5	7	–	7	4	7	20	–	0
13A	Tiree	07.3	-2	S'E	3	c	47	41	7	5	7	–	8	4	8	20	–	1
13B	Benbecula	06.7	+2	SE	1	c	44	40	8	5	–	–	8	4	8	22	40	1
	Stornoway	07.7	+2	–	0	bc	35	35	8	5	7	–	4	4	3	30	–	1
15	Cape Wrath	08.4	-4	S	2	cbc	43	36	9	5	–	–	5	5	–	25	–	0
	Dalwhinnie	09.0	0	SW	1	c	37	34	7	5	–	–	6	6	–	10	–	1
	Aberdeen	10.8	+2	SSE	2	mo	45	43	5	8	2	–	8	3	4	15	25	1
	Rattray	11.2	+2	o	3	mo	41	39	6	5	–	–	4	4	–	35	–	0
	Lossiemouth	10.2	0	SSE	2	mo	33	31	6	–	–	–	0	0	0	–	–	1
	Wick	09.5	+2	–	0	b	44	40	7	–	–	–	0	0	0	–	–	1
16	Hatston	09.6	+6	SSE	4	b-bc	43	42	8	5	–	–	3	3	–	30	–	1
17	Lerwick	10.6	0	S'E	5	bc	44	39	8	8	–	–	4	4	–	15	–	1
18	Blacksod Point †	06.4	+16	WNW	3	bc	46	42	8	9	–	–	4	4	–	15	–	1
	Malin Head †	05.7	-2	S'E	1	rr	42	38	7	–	2	–	8	8	–	15	–	1
	Aldergrove	07.4	-10	SE	3	ro	42	37	7	–	2	–	8	8	–	50	–	1
	Cas Archdale	05.7	-8	SSE	3	ro	40	40	6	5	2	–	8	4	8	8	25	1
19	Birr Castle †	06.0	+2	N	2	bc	43	41	8	–	–	5	4	–	–	–	–	1
	Collinstown †	06.7	-22	SE'S	4	rr	45	43	7	6	2	–	8	8	–	21	–	1
20	Rineanna †	08.5	+24	W	2	b-bc	42	38	8	2	–	–	3	3	–	25	–	1
	Valentia †	09.7	+14	WSW	2	bc	49	41	8	2	–	–	4	4	–	25	–	1
	Roches Point †	08.8	+18	W'N	3	b	46	44	8	3	–	–	2	2	–	15	–	1

OBSERVATIONS during DAY (7th)

Dist.	Stations (For heights see p. 4.)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	cmo	cbcmq	44	0.2	Tr
	Croydon	omidom	ombf	43	0.0	–
	S. Farnborough	cmo	cbccmocF	44	0.6	–
	Boscombe Down	cmobmo	bmobc2ob2	48	4.5	–
	Calshot	cbcmo	bcmo	46	5.9	–
	Tangmere	cbcmo		48	5.7	–
	Lympne	cidobmo	cmo	46	1.6	0.1
	Manston	dfcmo1rcmo	cmocm	45	0.0	Tr
2	Shoeburyness	cmo	cmo	45	0.0	*
	Felixstowe	cirocmojf	cmofom	45	0.5	–
	Gorleston	cfbcm	cff	49	2.8	0.1
	Mildenhall	bcmoof	omof	43	0.0	Tr
	West Raynham	f	fcmoF	44	0.0	–
	Waddington	of	cmbcmoF	43	0.0	–
3	Cranfield	cmocaf	afoF	42	0.0	–
	Honiley	bfFecf	cfbcmocmfg	40	0.0	Tr
4	Little Rissington	bmobcmcm	bcmo	45	3.2	–
	Defford	ofcfcmo	bczobcb	50	3.3	–
5	Bristol	bcmocbmo	bcmo	49	4.3	Tr
	Hartland Point	oc	rorroe	50	2.8	3
	Yeovilton				*	
	Portland Bill	cbc	bcc	51	*	0.1
	Exeter	bbccjfb	bffccro	51	4.8	0.1
	Plymouth	bcmoocz	bcmocrorromo	52	4.7	2
	St. Eval	bcc	ccrorromoc	51	3.0	2
	Lizard	c	crrcrr	51	2.9	2
	Guernsey	cprbc	crr	51	4.2	1
	Scilly, St. Marys	bcc	crorroo	52	0.0	3
6	Fairwood	bbc	bcccrorro	49	4.5	5
	Pembroke	bcc	crrocrr	50	2.7	8
	Aberporth	cbcc	cbcrro	48	3.6	2
7	Holyhead (Valley)	bcmobc	bcc	49	3.0	2
8	Manchester	cfcmcmo	cbcmobf	51	2.7	–
	Squires Gate	Fe	oFebcf	42	0.0	–
	Carlisle	cfbcfF	Fobcfmb	43	0.0	–
		bcfcf Febcmfh	bcfcmo	40	*	–
9	Finningley	cfbmcm	cmcfbfcf	42	0.0	Tr
10	Spurn Head	bcm	F	44	3.3	–
	Leeming	ciromof	bmocmoof	*	1.1	–
	Tynemouth	cbcmoff	cffFf	44		–
	Acklington	cmo	cmobcfbFbcff	44	0.0	0.5
11	St. Abb's Head	cjf	cjf	44	*	Tr
	Leuchars	cirocmf	of	45	0.0	0.1
	Bell Rock	c	bcF	*	*	*
12	Renfrew	off	oFf	39	0.0	–
	Prestwick	cmo	cmo	43	*	–
	Wigtown	cmo	cmobcmo	45	*	–
	Eskdalemuir	bfcmo	bccmo	39	0.5	–
	Point of Ayre	c	c	48	0.3	–
13A	Tiree	bcxc	c	48	0.7	0.4
13B	Benbecula	c	c	44	*	5
	Stornoway	cdobc	bc	42	2.3	–
15	Cape Wrath	C	C	47	*	–
	Dalwhinnie		C	38	2.0	–
	Aberdeen	cbccmo	crocmo	46	0.0	0.3
	Rattray	bbc	cm	47	*	–
	Lossiemouth	c	cbcmo	45	2.6	–
	Wick	croc	cb	45	0.2	Tr
16	Hatston	bcc	c	46	0.0	–
17	Lerwick	bwcpRmo	bbc	46	1.1	–
18	Blacksod Point †	r	cprobc	47	*	3
	Malin Head †	c	orr	44	0.0	1
	Aldergrove	bccmoc	ccro	44	0.4	2
	Cas Archdale	bbcc	ccrromo	41	0.1	4
19	Birr Castle †	c	crobc	45	0.2	4
	Collinstown †	cr	crr	47	3.7	2
20	Rineanna †	r	bc	48	0.0	4
	Valentia †	r	cprbc	51	1.5	7
	Roches Point †	orro	crrb	50	*	6

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

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

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.
‡ See footnote p. 4.

* Information not usually received.

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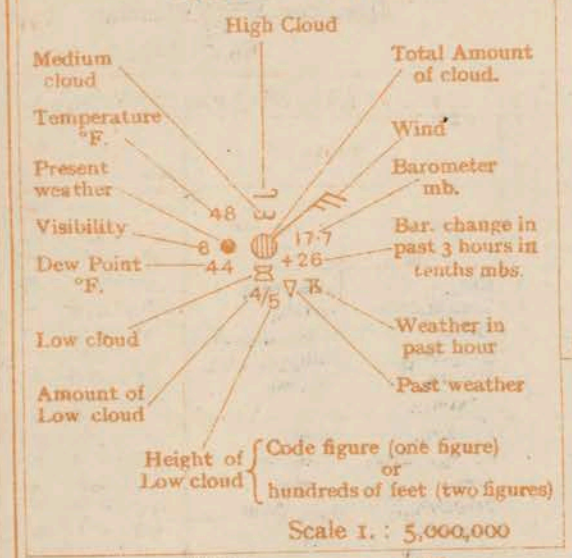
STATION MODEL



Scale 1. : 5,000,000

6h Monday 8th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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 ...	cmo	cbcmcf	afcrm	44	35	33	Tr	10	0.2	*	*
Croydon ...	omcbcomcmbf	cmbcf		43	33	33	–	5	0.0	89	93
Greenwich ...	cm	cmf	cfcrcf	45	36	30	–	7.6	–	88	90
Westminster	*	*	*	44	37	33		9.9		83	93
Regents Park	*	*	*	44	39	35	–	11.6	*	91	91
Camden Square			*	45	39	36	–	10.4	*	*	90
Kensington ...	o	o	*	45	39	36	–	10.4	*		90
Hampstead ...	cmbcc	afecafe		45	38	33	–	10.4		92	95
	o	of	orbe	42	38	33	–	11.8		*	95

Atmospheric Pollution Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. 8th Max. 0.7 2200hrs on 7th Min. 0.1 0500–0600 hrs on 8th

H.M.S.O. Press, M.O., Dunscable.

GENERAL INFERENCE

Small depressions are moving southeast across England and a developing ridge of high pressure is advancing from the west. A small depression over Denmark is moving west. Weather will be cloudy or dull in East and North England and the northeast Midlands with fog or mist in many places and occasional rain. Some improvement is probable in the northwest. Over the rest of England and in Wales and Northern Ireland it will be mainly fair, with showers locally. Fog may occur locally tonight. It will be cloudy or dull in South Scotland, with local rain at first and persistent fog locally. It will be fair in North Scotland. Rather cold generally.

FURTHER OUTLOOK

Fair in the west and north. Doubtful in eastern districts, but probably cloudy or dull, with local fog, and occasional rain.

Chart of Weather in the Northern Hemisphere.

Morning of

Monday 8th December

1947

Clark's Projection Scale 1 : 4×10^7 along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 8th December 1947

No. 31427

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16			*	*	*	35			*	*	*	*	*	*	*	
	Croydon	217	12·7	-14	SSW	3	m/f	37	37	4	–	7	–	4	4	–	–	–
	S. Farnborough	226	12·3	-16	SE	2	m	38	37	4	–	1	–	8	8	–	–	–
	Boscombe Down	417	12·0	-20	SE	3	r/o	40	40	6	5	–	–	8	8	–	18	–
	Calshot	8	12·0	-20	E	3	f	42	42	3	–	–	–	9	9	–	0	–
	Tangmere	53	12·7	-14	–	0	m/f	40	39	4	5	–	–	8	8	–	40	–
	Lympne	341	13·7	-6	–	0	mo	37	37	6	–	–	–	0	0	0	–	–
	Manston	140	14·1	-2	SE	2	m	37	37	4	–	–	–	0	0	0	–	–
2	Shoeburyness	11																
	Felixstowe	10	13·3	0	–	0	mo	41	38	6	5	–	–	8	8	–	7	–
	Gorleston	5	12·7	-4	WSW	2	f–	40	39	2	–	–	–	9	9	–	0	–
	Mildenhall	15	12·5	-10	N	1	cf	37	37	2	5	–	–	8	8	–	3	–
	West Raynham	250	12·4	-2	SSE	3	f	36	36	1	–	–	–	9	9	–	0	–
	Waddington	235	11·8	-8	SE/S	2	f	35	35	0	–	–	–	9	9	–	0	–
3	Cranfield	340	11·9	-14	SSE	2	f	35	35	4	–	–	–	0	0	–	–	–
	Honiley	427	10·7	-12	SSE	2	f/o	35	35	4	–	2	–	8	8	–	24	–
4	Little Rissington	731	11·1	-16	SSE	3	f/o	37	35	5	5	–	–	8	8	–	25	–
	Defford	58	09·7	-22	SSE	3	rr	41	39	6	–	2	–	8	8	–	31	–
5	Bristol	209	10·2	-18	SSE	2	f/o	44	44	6	5	–	–	8	4	8	8	8
	Hartland Point	299	10·2	+18	NW	4	bc	45	38	8	2	–	–	4	4	–	–	–
	Yeovilton	50																
	Portland Bill	32	10·2	-24	SW	4	rr	51	47	6	5	–	–	8	8	–	10	–
	Exeter	100	10·4	-14	WNW	4	b/r	47	46	7	6	1	–	2	1	2	18	–
	Plymouth	86	11·3	-2	NW	2	b	47	42	7	–	–	–	0	0	–	–	–
	St. Eval	345	12·5	+12	NW	4	bc	47	42	9	5	–	–	4	4	–	25	–
	Lizard	240	12·0	+4	NW	4	b-bc	49	42	7	5	–	–	3	3	–	20	–
	Guernsey	340	12·9	-16	SW	5	c/r	50	49	7	5	–	–	8	5	4	12	25
	Scilly, St. Marys	163	12·3	+10	WNW	5	b	49	43	8	1	–	–	2	2	–	–	–
6	Fairwood	268	09·7	+4	NNW	3	b	43	40	7	5	–	–	1	1	–	10	–
	Pembroke	142	09·4	+12	NW	4	bc	49	45	7	1	–	–	3	3	–	30	–
	Aberporth	425	09·0	+16	WNW	4	bc	45	39	7	5	–	–	4	4	–	20	–
7	Holyhead (Valley)	32	09·9	-6	WNW	5	b/r	45	43	6	5	–	–	4	4	–	17	–
	Hawarden	15	09·6	-14	SSE	4	f/o	40	39	5	5	–	–	8	8	–	36	–
8	Manchester	230	09·2	-16	SSE	3	f/o	42	39	5	5	2	–	8	4	8	12	–
	Squires Gate	33	09·5	-8	ESE	4	ir	41	39	4	6	2	–	8	5	8	5	25
	Carlisle	100	08·4	-10	ENE	2	m	36	34	5	–	1	–	8	8	–	–	–
9	Finningley	28	10·7	-10	SSE	1	F	35	34	1	–	–	–	9	9	–	0	–
10	Spurn Head	29	11·7	-6	SSW	3	F	36	36	0	–	–	–	9	9	–	0	–
	Leeming	105	10·6	-10	SSE	2	F	35	35	0	–	–	–	9	9	–	0	–
	Tynemouth	108	10·4	-6	S	1	F	37	37	1	–	–	–	9	9	–	0	–
	Acklington	138	10·3	-4	SSW	1	F	37	37	0	–	–	–	0	0	0	–	–
11	St. Abb's Head	280	09·6	-6	SSE	4	F	38	36	0	–	–	–	9	9	–	0	–
	Leuchars	31	10·3	-4	W	1	F	34	34	0	–	–	–	9	9	–	0	–
	Bell Rock	—	10·2	-6	ESE	1	mo	46	45	6	5	–	–	8	8	–	15	–
12	Renfrew	35	08·8	-4	NE	2	mo	38	36	5	5	–	–	8	8	–	30	–
	Prestwick	30	07·9	-4	ESE	3	ir/o	41	39	6	5	2	–	8	5	8	26	40
	Wigtown	19	08·1	-6	E	3	f/o	43	41	6	5	–	–	8	4	8	18	40
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	06·2	-10	SE/S	5	f/o	45	44	6	–	2	–	8	8	–	20	–
13A	Tiree	44	07·6	+6	SSE	4	ir/o	44	39	7	5	2	–	8	5	8	15	–
	Benbecula	27	07·4	+10	SE	1	c	42	38	8	5	2	–	8	4	8	18	–
13B	Stornoway	12	08·3	+6	–	0	c	44	40	7	5	–	–	8	4	8	20	40
	Cape Wrath	367	09·3	+10	S	1	b-bc	44	34	9	4	–	–	3	4	–	30	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						43										
	Rattray	46	10·6	-8	S	3	c/pr	43	41	7	5	–	–	8	8	–	25	–
	Lossiemouth	21	10·4	+2	S	3	c	38	35	7	5	2	–	8	3	6	25	–
	Wick	114	10·1	+2	SE	2	c	44	40	7	5	–	–	8	3	8	14	40
16	Hatston	45	10·6	+6	S	2	c	48	41	8	5	–	–	7	4	5	45	72
	Lerwick	269	11·1	+4	S/W	4	c	44	41	8	5	–	–	8	8	–	25	–
17	Blacksod Point †	18	09·7	+22	SW	3	b-bc	45	41	8	8	–	–	8	8	–	15	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	06·8	+6	ENE	3/1	mo	41	40	6	5	2/5	–	8	4	8	30	–
19	Cas. Archdale	225	08·0	+10	WSW	1	b	39	39	7	5	–	–	1	1	–	25	–
	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	08·1	+14	W/S	4	b	37	35	8	–	–	–	0	0	0	–	–
20	Rineanna †	13	11·5	+18	W/N	3	b-bc	42	42	8	8	8	–	3	3	–	27	–
	Valentia †	30	13·6	+22	W	4	b	47	40	8	3	–	–	1	1	–	25	–
	Roches Point †	22	11·9	+14	WNW	4	bc	43	41	8	3	–	–	4	4	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
07·6	-20	WNW	1	m	43	42	5	5	–	–	4	4	0	31	–	1
07·1	-26	WSW	2	o/r	43	41	5	5	–	–	8	8	0	7	–	1
08·1	-10	W	2	m	40	40	4	5	–	–	8	8	0	10	–	2
10·0	+2	WSW	3	bc	38	37	7	5	–	–	4	4	0	30	–	1
09·8	+8	WNW	3	bc	42	37	7	–	7	–	4	4	–	–	–	1
08·8	-8	SW	3	m	44	42	4	5	–	–	4	4	0	15	–	1
08·2	-36	S	4	RR	46	45	3	6	–	–	8	8	0	8	–	1
08·3	-38	SE/S	4	r/o	45	45	4	6	2	–	8	4	8	7	40	1
07·3	-18	SE/E	4	rr	44	43	5	6	2	–	8	5	8	6	8	1
09·0	-28	SW	3	r/o	44	42	6	5	–	–	8	5	8	22	40	1
10·1	-10	SSW	2	mo	40	40	5	5	–	–	8	8	0	5	–	1
08·6	-18	S	1	rr	38	38	5	5	–	–	8	8	0	19	–	1
09·1	-14	SE	3	f	35	35	2	–	–	–	9	9	0	–	–	1
05·5	-18	SE	3	rF	36	36	1	–	–	–	9	9	0	–	–	1
08·0	-14	S/O	1		40	39	4	4	1	–	8	8	–	09	1	1
07·5	-6	WSW	3	mo	38	38	5	–	1	–	3	3	0	–	–	1
08·4	0	W	3	b	38	35	7	–	–	–	0	0	0	–	–	1
08·4	+2	SW	3	b	39	34	7	–	3	–	1	1	0	–	–	1
10·1	0	W	3	b-bc	40	39	7	–	7	–	3	3	0	–	–	1
11·6	+10	WNW	5	ir	44	40	7	5	–	–	8	8	0	–	–	1
10·1	+2	NW/N	6	r/o	48	41	6	5	–	–	8	8	0	10	–	1
12·1	-14	NW	4	id/o	42	40	7	6	2	–	8	3	7	10	40	1
12·4	+10	NW	1	b-bc/r	43	36	6	–	–	–	3	3	0	–	–	1
13·5	+10	NW	5	c-bc/r	46	42	9	9	–	–	5	4	5	25	40	1
13·9	+12	NW	5	b-bc	48	39	8	8	–	–	3	3	0	10	–	1
12·3	0	WNW	6	c-bc	48	44	8	8	–	–	5	4	5	16	25	1
14·4	+16	NW/W	6	b-bc	48	41	9	1	–	–	3	3	0	–	–	1
10·7	+8	NNW	4	b-bc	42	41	7	5	–	–	3	3	0	35	–	1
10·7	+6	NW	6	q	47	45	7	8	–	–	3	3	0	30	–	1
10·2	+10	WNW	5	b	45	42	8	5	–	–	2	2	0	15	–	1
08·6	+16	NW	4	mo	45	43	6	6	5	–	4	3	3	20	–	1
06·9	-8	NW	6	ir	46	39	6	5	–	–	7	7	0	27	–	1
05·9	-10	SSE	3	r/o	41	40	5	5	2	–	8	3	5	15	15	1
05·1	-12	ESE	4	id/o	42	39	5	5	–	–	8	8	0	21	–	1
07·4	-2	NE	3	r/o	36	35	4	5	2	–	8	7	8	15	15	2
07·8	-12	SE	2	rf	36	36	3	5	–	–	8	8	0	20	–	1
09·2	-12	S	4	F	38	38	0	1	–	–	9	9	0	–	–	1
08·4	-6	–	0	rF	34	34	1	4	–	–	9	9	0	–	–	1
08·7	-6	NW	1	m	40	39	4	5	–	–	8	8	0	15	–	1
08·9	-6	W	1	F	36	36	0	1	4	6	5	–	–	–	–	1
08·9	-2	SSE	2	F	38	38	0	1	4	6	5	–	–	–	–	1
09·8	+2	SSW	1	m	37	37	0	1	4	6	5	–	–	12	–	1
09·0	-4	S/W	1	m/o	45	40	6	5	5	–	8	8	0	15	–	1
09·8	+10	–	0	r/o	37	36	5	5	–	–	8	8	0	25	–	1
09·3	+10	NE	2	r/o	39	38	5	5	–	–	8	8	6	18	40	1
09·0	+8	N	3	rr	38	36	6	5	–	–	8	8	0	12	–	1
08·7	0	NNE	1	r/o	36	35	6	6	–	–	8	8	0	7	–	1
07·3	+10	N/E	4	r/o	42	40	7	5	2	–	8	8	0	15	–	1
08·9	+10	SE	3	c	43	40	7	5	7	–	6	4	5	20	–	1
08·9	+2	SE	1	c	42	40	8	5	2	–	8	4	8	18	–	1
10·5	+14	NW	1	c	39	39	7	5	–	–	8	8	0	25	40	1
09·9	+4	–	0	b	42	37	8	1	–	–	8	8	0	–	–	0/4
10·5	-2	NW/N	2	mo	40	39	6	5	–	–	8	4	8	8	25	1
10·8	+4	–	0	c/pr	43	42	7	7	–	–	7	7	8	25	–	1
11·3	+10	S	3	c	33	33	7	8	2	–	8	5	6	25	–	1
10·5	+6	SE	1	c-bc	43	40	7	5	7	–	5	5	0	–	–	1
11·4	+10	SSE	2	b-bc	42	40	7	5	–	–	3	3	0	45	–	1
12·5	+10	SW	2	c/d	43	41	8	5	–	–	3	3	0	18	–	1
07·7	-12	W	7	c-bc/pr	47	43	8	7	–	–	5	5	0	8	–	1
07·3	+4	S	1	bc	38	34	8	8	–	–	5	4	3	25	–	1
09·0	+10	S	2	mo	35	34	6	5	–	–	3	3	0	30	–	1
09·2	+4	SW	3	b	36	36	8	8	–	–	0	0	0	–	–	1
10·4	+6	NW	1	bc	38	36	8	8	–	–	4	4	0	25	–	1
10·4	+10	W/SW	3	b	35	33	8	5	–	–	3	3	0	25	–	1
12·9	+4	SW/W	3	b-bc/pr	42	38	8	5	–	–	3	3	0	35	–	1
14·8	+4	W/N	3	c-bc/pr	48	41	8	2	–	–	5	5	0	24	–	1
14·0	+6	NW	3	b	41	39	8	5	–	–	2	2	0	25	–	1

OBSERVATIONS Sunday NIGHT

Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain mm. (43)
o f f e	o f c r r m	35	33	10
b g o F c m	c m r r i r o	33	33	5
o f x b g f b m x	c m f o r c m	31	24	6
b c c r o f o m o	c r r R R b E	33	33	12
b c m o f	f r r c b c	40	34	4
b m o w f c m	c r o r o b c m	32	31	8
b m o	o f o r r f	36	29	8
b c m o	b f c r o r o m	34	30	13
	c r r m o	38	34	13
o m o	o m o f c r o r o m o	44	44	9
o f	o m	38	*	–
o f F	o f c r r m o	36	35	0·2
g f e b g e g f e	b f e	35	34	1
o f e	o f o r r o F	34	34	4
o a f o f b m	b m c r r m c	34	*	8
o f i r o m	o r r m b c m o	33	30	6
b m o c r o f o m o	o m o	36	34	4
b m o o r r m o	o r r m b	34	26	5
c r R i r o m o	i r o m o b c b	37	30	6
c o 6 6 c b c	c r o r o b i r	41	40	6
		34	29	6
i r o r r	b e r r z o	45	*	6
c r o c r r b	b b e r r i c d o	38	27	8
c m o R R b c	b e r r d d o m	41	34	7
c f o 6 m o b c	p h r o b p r o	46	39	1
o c b c	c p r c b c	47	*	5
c 6 c	c r o c	44	42	3
b c b	b e	47	*	0·1
c f o f p r r m o	b b c	38	30	6
b x q b c q	b c q p r b c q	45	*	1
c i r o f o m o i r	b c b	44	41	2
c i r o f o r c r r	c i r o b e r o b c	43	36	3
c f m o i r o	c i r z o q	39	37	1
b c m o c i r o	e r f o m o	35	33	7
b F g m i r c	r o r o l d m o c	39	31	5
b b c c m	c m r c r o r o m	36	35	7
o f	o F o f r o r o	31	31	4
F F	F e	34	*	0·6
o F	o r o r f	33	34	5
o f f F F	F F o m	37	35	Tr
b c f f F F	o F F	34	33	–
c j f	F	36	*	–
F	F o m	33	32	0·1
f f z o	z o	*	*	*
o f f c m o	c m o r o r o	36	34	2
c c i f o m o	i r o r o r o m o	38	36	6
c c r o f o m o	r o o r r m o	34	34	13
c m o	c r o r o	33	33	7
c f o f o m o	r o r o	41		9
c c i r o	c i r o c	41	38	Tr
c f f r o f o c	c p r c	39	36	3
b c i c	c	35	29	0·1
c b c	b	40	34	–
		30	29	–
p r o c m o	c m o r r i r o m o	39	35	3
c p r , c p r	c p r c p r	29	*	3
b m o b c c	c c	30	26	–
b c	c b c	37	33	–
b c c	c c	40	33	–
b c i c	c b b c	40	36	Tr
b c	c p r c	43	*	1
	b c	35	*	3
i r o f o r o c m o	o o F b m	33	30	0·5
c b c b	b b p r o b	34	27	0·2
b	b c	36	31	0·3
c b c	b	34	30	3
b	c p r b c	38	35	2
c b c	c p r c	44	38	3
	b c b	40	*	1

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

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

Tuesday 9th December 1947 — No. 31428

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (2)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	09.7	+8	WNW	3	2o	45	38	6	–	3	6	5	4	5	–	–
	Croydon	09.1	+4	W	3	mo	43	39	5	5	–	6	6	4	5	57	–
	S. Farnborough	09.6	+6	W'N	3	b-bc	45	40	7	5	–	4	3	3	2	50	–
	Boscombe Down	10.1	+6	W	3	bc	46	40	7	5	–	4	3	2	1	20	–
	Calshot	11.2	+6	WNW	3	bc	46	40	7	1	1	2	4	1	4	25	–
	Tangmere	09.7	0	W	3	2o	47	40	6	–	7	–	2	2	–	–	–
	Lympne	07.1	+10	NW'W	5	mo	44	38	5	5	–	7	8	3	5	5	–
	Manston	06.5	0	NW'W	3	m	43	43	4	5	–	7	8	4	8	6	25
2	Shoeburyness	07.5	+10	NWN	3	c/r	43	41	4	6	2	–	8	5	–	10	–
	Felixstowe	07.8	+4	ESE	3	rr	43	43	5	5	–	–	8	5	8	7	25
	Gorleston	08.5	–2	SE	2	ro ro	44	42	6	6	2	–	8	4	4	15	57
	Mildenhall	08.5	+2	E	1	m	41	41	4	5	–	–	8	7	8	10	15
	West Raynham	08.5	–2	ME	2	df	39	39	2	1	–	–	8	8	–	–	–
	Waddington	09.0	+6	NNE	3	df	39	39	3	–	–	–	8	8	–	5	–
3	Cranfield	08.4	–2	W	3	C	42	39	8	–	–	–	8	3	5	20	40
	Honiley	08.5	+6	WNW	5	2o	44	36	6	8	7	–	8	7	8	15	15
4	Little Rissington	09.5	+8	WNW	4	b-bc	44	36	7	5	4	8	5	1	2	35	–
	Defford	09.9	+8	WNW	3	bc	48	39	8	5	–	1	5	4	3	30	–
5	Bristol	11.5	+8	WNW	3	mo	46	42	6	4	–	3	5	4	2	15	–
	Hartland Point	13.2	+6	NW	5	bc	48	39	8	5	–	–	4	4	–	–	–
	Yeovilton	11.6	+8	NW	4	b-bc	48	42	7	8	7	8	8	2	3	15	25
	Portland Bill	11.4	+8	NW	5	2o	48	41	6	–	–	–	4	4	–	10	–
	Exeter	13.4	+6	WNW	5	bc/pr	48	42	8	2	6	3	4	3	2	25	40
	Plymouth	14.7	+6	NW	3	c/pr	50	39	7	8	–	–	6	3	5	10	15
	St. Eval	15.9	+10	NW	4	pr o	49	40	8	2	–	–	4	4	–	20	–
	Lizard	15.8	+8	NW	5	c-bc	50	39	8	2	–	–	5	5	–	–	–
	Guernsey	14.6	+10	NW	6	c-bc	48	44	7	2	–	–	5	3	4	12	15
	Scilly, St. Marys	16.7	+6	WNW	5	bc	51	42	9	8	–	–	4	4	–	25	–
6	Fairwood	12.7	+8	WNW	4	b-bc	46	42	7	2	2	–	3	2	2	25	–
	Pembroke	13.4	+10	NW	4	b-bc	48	45	7	8	–	–	4	2	2	30	–
	Aberporth	12.6	+10	NW'W	4	c-bc	47	41	8	8	3	–	5	4	4	18	40
7	Holyhead (Valley)	11.4	+14	NW	3	c-bc/pr	47	43	8	8	6	1	5	4	3	25	–
8	Hawarden	10.5	+20	NW	5	c/o	43	40	8	5	–	–	6	5	2	10	25
	Manchester	09.1	+14	N'W	4	r/f	39	39	2	–	–	–	9	–	–	–	–
	Squires Gate	10.5	+22	NE'E	3	c/o	39	37	5	5	2	–	8	4	8	10	9
	Carlisle	10.9	+14	–	0	do do	38	36	6	6	2	–	8	8	4	8	12
9	Finningley	08.8	+10	NE	2	df	38	37	3	5	–	–	8	8	–	10	–
10	Spurn Head	09.5	+4	NE	2	mo	41	41	5	5	–	–	8	8	–	–	–
	Leeming	10.5	+14	N	2	do do	37	37	4	5	–	–	8	4	8	8	15
	Tynemouth	10.9	+14	E	2	mo	44	40	6	5	–	–	8	8	–	20	–
11	Acklington	11.5	+16	NNW	1	m	41	41	4	5	–	–	8	8	–	7	–
	St. Abb's Head	11.4	+14	NE	4	ro ro	42	42	5	5	–	–	8	6	4	12	–
	Leuchars	12.9	+18	ESE	1	ro	42	40	5	5	–	–	8	7	6	14	25
	Bell Rock	12.7	+20	ENE	3	c	45	43	6	8	7	4	8	5	7	25	–
12	Renfrew	13.1	+16	–	0	f	39	39	3	5	–	–	8	8	–	35	–
	Prestwick	12.6	+20	–	0	m	40	39	4	5	–	–	8	8	–	12	–
	Wigtown	12.2	+18	NE	1	dd	40	38	4	5	–	–	8	2	4	14	25
	Eskdalemuir	12.2	+32	ENE	2	c/r	38	37	6	5	5	–	7	4	8	–	15
	Point of Ayre	11.4	+12	NE'N	4	ro ro	41	36	8	6	2	–	8	5	8	15	15
13A	Tiree	14.2	+30	NE	1	c	44	39	8	8	7	–	6	2	5	20	25
13B	Benbecula	15.0	+38	N	1	c-bc	42	41	8	8	–	6	5	1	3	13	25
	Stornoway	15.1	+18	NE	1	bc	41	37	7	8	7	–	4	4	5	25	40
15	Cape Wrath	15.0	+22	–	0	c-bc	43	36	8	7	–	–	5	5	–	35	–
	Dalwhinnie																
	Aberdeen	14.0	+18	NW	1	f	42	41	3	8	7	7	8	2	5	20	40
	Rattray	13.1	+12	–	0	mo	41	40	6	8	–	–	8	3	5	25	–
	Lossiemouth	15.2	+24	SSW	2	mo	35	35	6	5	–	–	8	3	5	40	40
	Wick	15.1	+22	W	1	mo	39	37	6	8	7	–	8	6	2	25	40
16	Hatston	15.6	+22	NE	1	c	43	42	7	5	–	–	7	4	7	25	40
	Lerwick	16.0	+20	SW	2	c	43	41	8	5	7	6	7	2	4	28	–
17	Blacksod Point †	11.7	+10	WNW	5	bc/pr	50	46	7	–	–	–	4	4	–	8	–
18	Malin Head †	11.1	+20	NNE	1	bc	46	42	8	2	–	2	4	3	1	25	–
	Aldergrove	12.2	+18	–	0	mo	41	39	6	5	7	2	5	4	5	20	–
19	Cas Archdale	11.6	+20	SSE	1	c-bc	39	37	9	5	7	1	5	4	3	25	–
	Birr Castle … †	11.0	–2	W	2	c-bc	48	44	8	8	4	–	5	5	–	15	–
20	Collinstown †	11.8	+6	W'S	2	c	43	39	8	8	–	–	5	5	–	35	–
	Rineanna †	13.8	+8	W'N	4	p/o	45	41	8	8	–	–	5	5	–	21	–
	Valentia †	16.8	+10	WNW	6	b-bc	50	39	8	8	6	–	5	3	4	26	–
	Roches Point †	15.5	+10	W	3	bc	45	41	8	3	–	–	4	4	–	15	–

† Birr Castle reports at 1300. – Maximum temperature and rainfall read at 1300.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)
1	Kew	12.0	+20	NNW	3	ro	43	38	6	5	–	–	8	4	8	15	25
	Croydon	11.8	+22	WNW	4	mo	43	39	5	5	–	–	8	5	8	17	40
	S. Farnborough	12.0	+18	NW	4	c	44	38	7	4	–	–	6	6	–	22	–
	Boscombe Down	12.7	+12	W'N	3	mo	41	39	6	–	3	–	2	2	–	–	–
	Calshot	13.1	+14	WNW	4	bbc	43	39	7	5	–	–	3	3	–	20	–
	Tangmere	11.6	+10	NW	3	mo	44	40	6	5	–	–	4	4	–	36	–
	Lympne	10.0	+16	NNW	3	do do	41	40	7	5	–	–	8	8	–	2	–
	Manston	10.2	+20	N	3	ir	41	40	6	5	–	–	8	4	8	5	25
2	Shoeburyness	10.5	+20	NNW	2	ido	42	40	4	5	–	–	8	8	–	10	–
	Felixstowe	10.5	+18	N	2	ro ro	42	41	5	–	2	–	8	8	–	22	–
	Gorleston	10.2	+16	N'E	3	bbc	43	41	7	5	–	–	3	3	–	20	–
	Mildenhall	11.5	+22	NNE	1	cf	41	41	3	5	–	–	7	7	–	40	–
	West Raynham	11.5	+24	N	3	m	41	41	4	5	–	–	8	3	8	15	40
	Waddington	13.3	+26	NNW	2	rf	39	39	2	–	–	–	9	9	–	0	–
3	Cranfield	12.3	+28	NW	3	df	40	40	2	–	–	–	9	9	–	0	–
	Honiley	13.0	+26	N	3	do do	39	38	4	5	–	–	8	8	–	1	–
4	Little Rissington	12.0	+30	NW	3	c	40	35	7	7	–	–	8	4	8	8	15
	Defford	13.6	+26	NNW	3	c	43	38	7	5	–	–	8	8	–	20	–
5	Bristol	13.8	+18	W	1	bc	39	38	7	5	–	–	4	4	–	25	–
	Hartland Point	13.4	+14	NW	5	bc/r	48	41	8	3	–	–	4	4	–	15	–
	Portland Bill	12.5	+6	NNW	5	2o	47	40	6	5	–	–	4	4	–	10	–
	Exeter	14.7	+14	SSE	1	c/pr	41	40	7	8	–	8	5	4	4	15	25
	Plymouth	15.0	+12	WNW	3	pr o	43	41	6	8	–	–	7	4	5	12	25
	St. Eval	16.0	+12	NW	5	pr o	46	44	7	8	–	–	8	8	–	28	–
	Lizard	15.6	–2	NW	5	pr o	43	42	8	8	–	–	8	8	–	20	–
	Guernsey	15.1	0	NW'N	5	bc	48	41	8	8	–	–	4	3	4	10	15
	Scilly, St. Marys	17.0	+2	WNW	6	c	49	43	8	5	–	–	7	4	–	15	–
6	Fairwood	13.8	+6	NW	2	b/pr	40	39	7	2	–	–	2	2	–	20	–
	Pembroke	13.3	+2	NW	5	c/r	48	46	7	3	–	–	5	5	–	30	–
	Aberporth	14.2	+20	NNE	3	bc/pr	43	41	7	2	–	–	4	4	–	28	–
7	Holyhead (Valley)	15.5	+30	NNE	3	c	43	40	8	5	7	–	8	5	8	15	–
8	Hawarden	15.2	+32	NNW	3	pr o	40	37	5	5	–	–	8	8	–	8	–
	Manchester	14.3	+30	NE'N	2	r/f	39	38	3	–	–	–	9	9	–	0	–
	Squires Gate	15.8	+34	N	3	mo	41	38	5	5	2	–	8	5	8	23	–
	Carlisle	16.7	+36	N	3	mo	39	37	5	5	1	–	8	3	8	20	–
9	Finningley	14.1	+32	N	2	r/f	39	38	3	5	–	–	8	4	8	10	40
10	Spurn Head	13.3	+30	NE	5	b	41	41	7	–	–	–	8	0	0	–	–
	Leeming	15.9	+36	NE	2	r/f	41	39	2	5	–	–	8	9	–	06	–
	Tynemouth	16.3	+30	E	3	c	44	39	7	8	–	–	6	6	–	18	–
11	Acklington	17.1	+26	NNW	2	c	41	39	7	5	–	–	8	8	–	20	–
	St. Abb's Head	17.5	+10	NE'E	3	o	44	39	7	5	–	–	6	6	–	30	–
	Leuchars	18.3	+26	NNW	1	do do	41	40	6	5	7	–	8	5	8	25	–
	Bell Rock	18.5	+32	ENE	3	c	45	40	8	5	–	–	6	5	–	15	–
12	Renfrew	18.9	+32	–	0	mo	40	36	6	5	–	–	3	3	–	25	–
	Prestwick	18.5	+34	ENE	2	m	42	40	4	5	–	–	8	8	–	21	–
	Wigtown	17.8	+38	NNW	2	mo	38	35	6	5	4	–	4	4	–	25	–
	Eskdalemuir	17.7	+38	NNE	2	ro ro	39	37	6	5	2	–	8	4	8	12	25
	Point of Ayre	16.4	+30	NE'E	4	pr	44	42	8	5	–	–	8	3	–	18	–
13A	Tiree	19.7	+28	NE	1	b	39	37	7	2	4	–	2	1	1	20	–
13B	Benbecula	20.8	+38	NNE	2	b	41	38	8	2	–	–	1	1	–	22	–
	Stornoway	21.1	+34	N	2	bc	45	43	7	5	–	–	4	4	–	25	–
15	Cape Wrath	21.5	+42	NE	1	c	43	41	8	2	3	–	7	4	3	25	–
	Dalwhinnie	19.5	+16	–	0	bc	33	30	7	5	3	–	4	3	3	10	–
	Aberdeen	19.5	+30	NNW	2	mo	41	41	5	6	2	–	8	1	5	10	15
	Rattray	17.6	+28	E	2	c/pr	43	41	7	8	–	–	8	8	–	20	–
	Lossiemouth	21.4	+36	SW	2	mo	35	34	6	5	7	–	9	3	4	35	–
	Wick	20.9	+32	–	0	mo	35	34	6	–	–	–	9	0	0	–	–
16	Hatston	20.8	+28	N	3	ir o	44	43	7	5	–	–	8	8	–	26	–
	Lerwick	20.5	+32	N	4	c	42	41	8	5	–	–	8	3	8	18	25
17	Blacksod Point †	20.3	+40	N	3	bbc	46	41	8	8	–	–	3	3	–	25	–
18	Malin Head †	18.8	+30	NNE	2	bbc	46	39	8	8	–	–	3	3	–	25	–
	Aldergrove	18.6	+36	N	2	bc	36	36	7	5	3	–	4	4	3	20	–
19	Cas Archdale	19.9	+38	NE	1	bc	40	38	8	5	–	–	4	4	–	25	–
	Birr Castle … †	16.8	+52	W	1	bbc	40	39	8	5	–	–	3	2	–	15	–
20	Collinstown †	17.4	+38	NW	4	bbc	40	36	7	2	–	–	3	3	–	18	–
	Rineanna †	19.2	+46	NW	4	bc	43	41	8	5	–	–	4	4	–	17	–
	Valentia †	19.8	+24	NNW	5	bbc	43	42	8	2	–	–	3	3	–	25	–
	Roches Point †	16.1	+8	NNW	6	bbc	45	44	8	3	4	–	3	2	–	15	–

OBSERVATIONS during DAY (8th)

District	Stations	State of Ground. 0–9 (33)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	1	bcmo	cmo	47	0.3	0.1
	Croydon	1	cmcmoc	cmo Como	46	0.6	Tr
	S. Farnborough	1	cmbcmocbc	~~cpcc~~ bcc	45	3.7	Tr
	Boscombe Down	1	bcmobc	bCbmo	48	5.9	–
	Calshot	1	b	bCbpc	–	6.0	–
	Tangmere	0	bcmo mbmo	cmo bcmo	49	5.6	0.1
	Lympne	1	ORRcmo	cmododom	46	1.2	0.6
	Manston	1	cvrcm	cmor	44	0.0	~~7.3~~
2	Shoeburyness	1	cvrmoddm	Cidlom	44	0.0	.1
	Felixstowe	1	cvrmocvrm	Crmo oromo	45	0.0	9
	Gorleston	1	ororo2o	roro2obc	45	0.0	5
	Mildenhall	1	orrmoom	Omororof	41	0.0	1.4
	West Raynham	1	oforoff	ororofdodcm	42	0.0	4
	Waddington	1	prorofomdof	oofcmoirof	40	0.0	1
3	Cranfield	1	cmocfcmoc	cmocidomodf	43	0.1	1
	Honiley	1	bcc2o	c2oododom	44	0.9	Tr
4	Little Rissington	1	bcb	bbrc	45	5.4	0.3
5	Defford	1	bc	bccvc	48	5.0	–
	Bristol	1	bbccbcmo	bcmo bc	48	4.9	–
	Hartland Point	1	bc	cirobc	49	2.0	0.2
	Yeovilton	1	bc			•	
	Portland Bill	1	cbc2o	bc2o	51	•	0.2
	Exeter	1	bcbcpro	bccprmo	49	5.9	2
	Plymouth	1	cvrovobc2ocpr	cprbcjppo	51	5.7	1
	St. Eval	1	cbcpro	bcprpcpk	50	4.7	3
	Lizard	1	bccy	bcybpr	50	7.0	1
	Guernsey	1	bc	cprcbc	50	4.7	3
	Scilly, St. Marys	1	bc	phrqbc	52	5.4	3
6	Fairwood	1	bc	bccprb	48	4.9	1
	Pembroke	1	bcqbcq	bcqbcqc	49	2.8	1
	Aberporth	1	bbcc	cprcpk	47	2.4	1
7	Holyhead (Valley)	1	bccpr	cprspc	47	1.2	1
8	Hawarden	1	cvrogrovomo	ciromof	44	0.0	1
	Manchester	1	cvrmofc	crfdff	43	0.0	2
	Squires Gate	1	cdovofvbc	rororomoc	41	0.0	0.2
	Carlisle	1	cvomvm	cirmocm	41	•	3
9	Finningley	1	cfvovo mododdof	cdodofirof	39	0.0	1
10	Spurn Head	1	omo	cmorrbcb	43	0.0	2
	Leeming	1	orvfcm	cdodo ofrr	–	0.0	2
	Tynemouth	1	omo	omopre	45	*	1
11	Acklington	1	cFFom	cmoc	43	0.0	0.4
	St. Abb's Head	1	Fcmovvof	pref	44	•	3
	Leuchars	1	omocvrmo	ciromoc	43	0.4	0.3
	Bell Rock	1	prc	c	•	•	•
12	Renfrew	1	cvovcF	cfomcmobc	43	0.0	Tr
	Prestwick	1	cvovofm	cmfcm	42	•	~~0.2~~
	Wigtown	1	cvovo	dcmo	43	•	1
	Eskdalemuir	1	cvocmo	cmororomo	40	0.0	0.6
	Point of Ayre	0	rovo	cirobc	44	0.0	2
13A	Tiree	1	c	c bbx	47	1.8	–
13B	Benbecula	0	c	cbcb	42	•	–
	Stornoway	1	c	cbc	46	0.0	–
15	Cape Wrath	2	bcc	cproc	48	•	4
	Dalwhinnie	4		bc	37	0.0	–
	Aberdeen	1	cmocmcff	frrocmo	43	0.0	2
	Rattray	1	cmocm	cpr	44	•	2
	Lossiemouth	1	cmo	mo	33	0.0	Tr
	Wick	1	ccmo	cmobmo	40	0.0	–
16	Hatston	1	bccmoc	cirb	45	0.0	0.3
	Lerwick	1	cbcc	ccw	44	0.0	–
17	Blacksod Point †	1	cprbc	bc	49	•	1
18	Malin Head †	1	bc	bc	47	1.3	–
	Aldergrove	1	bcmobccmo	cmocbc	44	1.9	–
19	Cas Archdale	1	bbcc	cbc	42	3.4	–
	Birr Castle … †	1	cprbc	cprbc	48	1.8	–
20	Collinstown †	1	bcc	cprbc	44	2.3	0.4
	Rineanna †	1	cpr	bc	50	1.2	3
	Valentia †	1	bc	cprbc	51	1.9	1
	Roches Point †	1	bc	cprbc	43	•	0.1

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

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

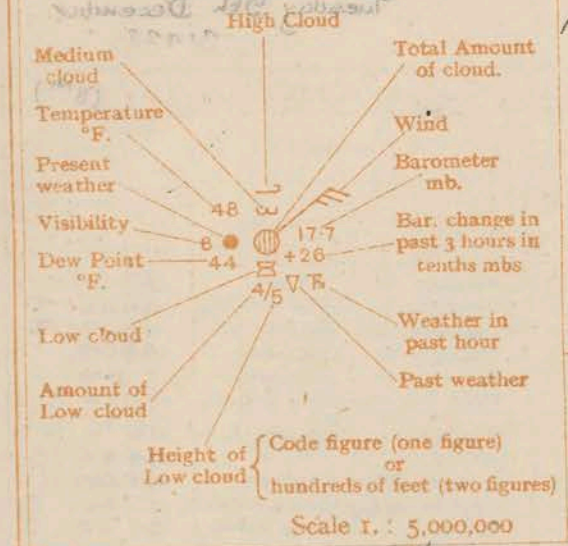
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

See footnote p. 4

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Tuesday 9th December **1947**

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
				°F.	°F.	°F.	mm.	mm.	hrs. Yesterday		To-day
Kew ...	bccmo	cmo	bcmo	47	41	36	0·1	Tr	0·3	*	*
Croydon ...	cmcmocmocmo		mo1do	46	41	39	Tr	0·1	0·6	100	87
Greenwich ...	cm	ocmo	orobcmo	46	41	36	Tr	Tr	0·0	74	85
Westminster	*	*	*	47	40	38	0·1	*	*	74	82
Regents Park	*	*	*	46	41	37	–	–	*	73	83
Camden Square	c	c	*	46	41	37	–	–	*	*	86
Kensington ...	cbcc	cc	*	47	41	35	–	Tr	*	83	87
Hampstead ...	bcor	o	o	44	38	32	Tr	–		*	89

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·3 Time 10/11 Min 0·1 Time 1/3h 9th

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

1947

morning

	Sunshine to sunset hrs.	Humidity Yesterday 15h %	Humidity Yesterday 9h %	Humidity To-day
	0·3	*	*	
	0·6	100	87	
	0·0	74	85	
	*	74	82	
		73	83	
	*	*	86	
	*	83	87	
		*	89	

1/3hrs 9m

GENERAL INFERENCE

An anticyclone covering Scotland and Ireland is moving south-east and intensifying. In the northeasterly air stream ahead of the anticyclone, the midlands and the east will have cloudy weather with local rain or showers but the fine conditions in the anticyclone will spread to most areas later. There will be local fog tonight. Cloudy conditions with local rain will spread into West Scotland and Northern Ireland tomorrow. It will be rather cold with slight to keen air frost in many parts of England and South Scotland tonight.

FURTHER OUTLOOK

Mainly fair over England: occasional rain in Scotland.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 9th December 1947

HIGH

LOW

HIGH

LOW

HIGH

HIGH

LOW

LOW

HIGH

Clark's Projection Scale 1 : 4 × 10⁷ along meridian at 55° 20'

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 9th December 1947

No. 3428

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind Direc (3)	Wind Force (4)	Weather (5)	Temp °F (6)	Dew Point °F (7)	Visibility 0–9 (8)	Cloud Form. Low (9)	Cloud Form. Med. (10)	Cloud Form. High (11)	Cloud Amount. Total 0–9 (12)	Cloud Amount. Low. A. 0–9 (13)	Cloud Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. Low. A. (15)	Height of Base Hundreds of feet. Low. B. (16)
1	Kew	16	*	*	*	*	*	41	*	*	*	*	*	*	*	*	*	*
	Croydon	217	17·4	+28	N	3	mo	42	39	5	5	–	–	7	7	–	23	–
	S. Farnborough	226	18·2	+32	NW	3	bc	40	39	7	5	–	–	4	4	–	12	–
	Boscombe Down	417	19·0	+34	NW	3	mo	40	38	6	5	–	–	3	3	–	35	–
	Calshot	8	18·3	+18	NNE	3	mo	42	39	6	5	–	–	7	7	–	20	–
	Tangmere	53	16·9	+26	NE	4	mo	42	39	5	–	–	–	0	0	0	–	–
	Lympne	341	14·6	+20	NW	4	mo	40	39	6	5	–	–	6	6	–	8	–
	Manston	140	14·9	+18	N	4	mo	43	41	6	5	–	–	5	3	5	8	15
2	Shoeburyness	11																
	Felixstowe	10	15·0	+22	N	3	bc	41	38	7	–	7	–	4	4	–	–	–
	Gorleston	5	15·0	+24	N	4	c-bc	44	43	7	5	–	–	5	5	–	20	–
	Mildenhall	15	16·8	+22	NW	3	c	41	39	7	5	–	–	8	3	8	15	25
	West Raynham	250	16·4	+30	NNW	4	c	42	40	7	5	–	–	8	4	8	10	15
	Waddington	235	19·2	+26	SW	4	b-bc/d	37	37	4	5	–	–	3	3	2	18	40
3	Cranfield	340	18·0	+26	N	3	mo	38	37	6	5	–	–	7	4	6	28	40
	Honiley	427	19·8	+30	NW	3	m	37	36	4	–	–	–	0	0	0	–	–
4	Little Rissington	731	19·4	+30	N	4	mo	38	36	5	5	–	–	8	3	–	10	–
	Defford	58	20·6	+36	NNW	3	mo	39	37	6	–	–	–	0	0	0	–	–
5	Bristol	209	19·9	+34	NNE	4	mo	41	39	5	5	–	–	8	8	–	9	–
	Hartland Point	299	19·5	+26	NE	5	b-bc	46	39	8	2	–	–	3	8	–	–	–
	Yeovilton	50						42										
	Portland Bill	32	17·3	+30	NE	3	mo	49	36	6	5	–	–	8	3	–	20	–
	Exeter	100	20·0	+34	N	3	b	38	37	7	–	–	–	0	0	0	–	–
	Plymouth	86	20·3	+28	–	0	mo	42	40	6	5	–	–	8	3	–	15	–
	St. Eval	345	20·4	+34	NNE	4	c	45	41	9	38	–	–	6	4	5	25	40
	Lizard	240	19·6	+24	NNE	2	bc	44	42	8	8	–	–	4	4	–	20	–
	Guernsey	340	17·6	+20	NE	4	b-bc	47	43	8	–	7	–	3	3	–	–	–
	Scilly, St. Marys	163	20·6	+32	NE	5	bc	49	45	9	8	–	–	4	4	–	–	–
6	Fairwood	268	21·2	+38	NNE	3	mo	40	37	6	5	–	–	1	1	–	21	–
	Pembroke	142	21·8	+42	NE	5	b	41	39	7	2	–	–	2	2	–	3	–
	Aberporth	425	22·2	+40	NE	4	bc	43	39	7	8	–	–	4	4	4	15	15
7	Holyhead (Valley)	32	23·4	+34	NNE	3	b	40	38	7	5	–	–	2	2	–	20	–
	Hawarden	15	22·7	+36	NNW	3	m	32	30	4	–	–	–	0	0	0	–	–
8	Manchester	230	21·3	+30	NW	2	m	36	35	4	–	–	–	0	0	0	–	–
	Squires Gate	33	22·6	+28	–	0	mo	38	36	6	–	–	–	0	0	0	–	–
	Carlisle	100	23·7	+32	–	0	mo	38	35	6	–	–	–	0	0	0	–	–
9	Finningley	28	20·2	+24	N	3	ido	40	37	4	5	–	–	8	8	–	13	–
10	Spurn Head	29	18·0	+22	NNE	6	b-bc	43	41	7	3	–	–	3	3	–	–	–
	Leeming	105	21·6	+26	N	4	if₀	41	39	6	5	–	–	8	8	–	15	–
	Tynemouth	108	22·2	+24	N	3	c/f	44	42	7	8	–	–	6	6	–	18	–
	Acklington	138	22·9	+28	NNW	4	c	42	38	7	5	–	–	8	8	–	25	–
11	St. Abb's Head	280	23·8	+32	NE	2	b-bc	42	42	7	5	–	–	3	3	–	34	–
	Leuchars	31	25·1	+26	NW	2	ido	41	39	7	5	–	–	8	8	–	45	–
	Bell Rock	–	23·4	+6	NNE	4	b-bc	44	39	8	5	–	–	3	3	–	15	–
12	Renfrew	35	25·6	+30	–	0	mo	35	34	5	5	7	–	7	4	7	30	–
	Prestwick	30	25·1	+30	E	2	mo	34	33	5	–	–	–	0	0	0	–	–
	Wigtown	19	24·9	+32	NE	1	mo	38	35	6	5	–	–	2	2	–	25	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	23·6	+32	NE·E	4	b	45	42	8	–	–	–	0	0	0	–	–
13A	Tiree	44	24·9	+20	E·N	1	b	36	35	8	–	–	–	0	0	0	–	–
	Benbecula	27	25·5	+16	NNE	1	b	35	33	8	–	–	–	0	0	0	–	–
13B	Stornoway	12	25·8	+14	ENE	2	b	43	40	7	5	–	–	2	2	–	25	–
	Cape Wrath	367	25·5	+20	NE	3	bc	45	38	9	2	–	–	4	4	–	25	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						38										
	Rattray	46	23·8	+28	NNE	3	b-bc	44	37	7	1	–	–	3	3	–	35	–
	Lossiemouth	21	26·4	+22	WSW	2	b/r	37	35	6	5	–	–	2	2	–	25	–
	Wick	114	26·1	+28	SW	2	b/pr	36	36	6	2	–	–	4	4	–	25	–
16	Hatston	45	26·3	+34	NNE	5	c-bc	45	40	7	5	–	–	5	5	–	33	–
17	Lerwick	269	25·7	+30	N	3	b	36	33	8	5	–	–	1	1	–	35	–
	Blacksod Point †	18	26·0	+24	W·N	1	b	37	37	7	5	–	–	1	1	–	25	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	25·6	+30	–	0	mo	34	33	6	–	–	–	0	0	0	–	–
19	Cas. Archdale †	225	26·2	+40	–	0	b	34	33	7	–	–	–	0	0	0	–	–
	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	25·3	+34	NNW	3	mo	38	36	6	5	–	–	3	3	–	30	–
20	Rineanna †	13	26·6	+30	NW·N	1	b	31	31	8	–	–	–	0	0	0	–	–
	Valentia †	30	26·4	+30	SW·S	2	b	40	36	8	5	–	–	1	1	–	35	–
	Roches Point †	22	25·3	+34	N	4	b-bc	43	39	8	5	–	–	3	3	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours (18)	Wind Direc (19)	Wind Force (20)	Weather (21)	Temp °F (22)	Dew Point °F (23)	Visibility 0–9 (24)	Cloud Form. Low (25)	Cloud Form. Med. (26)	Cloud Form. High (27)	Cloud Amount. Total 0–9 (28)	Cloud Amount. Low. A. 0–9 (29)	Cloud Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. Low. A. (31)	Height of Base Hundreds of feet. Low. B. (32)	State of Ground, +=+ 0–9 (33)
22·3	+24	N	4	mo	43	38	6	5	–	–	5	5	0	25	–	1
21·8	+20	NNW	6	mo	42	39	6	5	–	–	8	8	0	11	–	1
22·9	+22	N'W	4	c	41	38	7	5	–	–	8	8	0	16	–	1
24·0	+24	NW	4	c	40	35	7	5	–	–	8	4	8	15	40	0
23·6	+16	N	4	b	43	36	7	5	–	–	2	2	0	20	–	0
22·2	+22	NE	3	mo	43	39	5	5	–	–	8	8	0	17	–	1
19·1	+22	N'W	5	mo	42	40	6	5	–	–	8	8	0	6	–	1
19·0	+20	N'W	4	mo	44	42	6	5	–	–	7	7	0	16	–	1
20·2	+6	NNW	4	mo	43	40	6	5	–	–	6	6	0	15	–	1
19·4	+24	NNE	4	ro	42	40	7	5	–	–	8	8	0	12	–	1
19·3	+20	NNE	6	bc/pr	44	43	7	3	–	–	4	4	0	30	–	1
22·0	+24	NNW	4	c	43	41	7	5	–	–	8	5	0	20	–	1
21·5	+26	N	4	c	42	40	7	5	–	–	8	3	8	15	25	1
24·4	+26	NW	4	ro	39	39	7	5	–	–	8	8	0	30	–	1
23·3	+26	N	4	c	40	38	7	5	–	–	6	4	5	7	25	1
25·3	+28	N	3	mo	40	37	5	5	–	–	8	3	8	12	25	1
25·0	+30	NNW	4	mo	39	36	5	5	–	–	8	8	0	12	–	1
26·0	+24	NNW	3	mo	41	37	6	5	–	–	8	8	0	35	–	1
25·6	+22	NNW	3	mo	41	37	5	5	–	–	8	8	0	22	–	1
25·8	+24	NE	4	b-bc	43	37	7	2	–	–	3	3	0	–	–	1
24·8	+20	NW	2	mo	41	37	6	5	–	–	8	4	8	20	40	1
23·3	+26	NNE	3	zo	42	34	6	5	–	–	6	6	0	20	–	1
26·0	+24	NW	2	c	38	35	7	8	–	–	6	6	0	36	–	1
26·1	+24	N	1	mo	39	36	6	–	–	–	6	6	0	–	–	1
26·9	+28	–	0	mo	40	38	6	–	–	–	0	0	0	–	–	1
26·1	+26	NE	2	b	40	38	7	–	–	–	0	0	0	–	–	0
23·4	+34	NE	4	mo	45	39	6	5	–	–	5	5	0	10	–	1
26·4	+30	NE·E	4	c-bc	48	40	8	8	–	–	5	5	0	–	–	1
27·0	+24	N	1	mo	36	34	6	–	–	–	0	0	0	–	–	1
27·4	+20	NE	3	mo	40	40	6	–	–	–	0	0	0	–	–	1
27·3	+18	E	2	mo	40	37	6	–	–	–	0	0	0	–	–	1
28·2	+18	–	0	b-bc	37	36	7	5	–	1	3	3	2	20	–	1
27·2	+20	NW	3	mo	40	38	6	5	–	–	8	8	0	24	–	1
26·5	+20	NW'N	2	mo	41	38	6	5	–	–	4	4	0	17	–	1
27·0	+18	N	2	b	38	34	7	–	–	–	0	0	0	–	–	3
28·1	+18	–	0	mo	31	29	6	–	–	–	0	0	0	–	–	3
24·9	+22	N	4	do	41	38	6	5	–	–	8	8	0	20	–	1
23·9	+30	NNE	6	o	44	31	7	3	–	–	8	2	0	–	–	1
26·2	+18	N	4	mo	40	36	6	5	–	–	8	2	0	15	–	1
26·7	+16	NNE	4	o	46	39	7	8	–	–	8	2	0	18	–	1
27·2	+20	NNW	3	c	48	36	7	5	–	–	8	8	0	25	–	1
27·3	+12	NE	2	b-bc	44	34	7	5	–	–	3	3	0	30	–	3
29·4	+20	NW	2	b	36	33	7	5	–	–	3	3	0	–	–	3
28·0	+14	N'W	4	b	43	37	8	3	–	–	2	2	0	25	–	3
30·1	+24	WNW	1	mo	31	30	6	5	1	–	4	3	4	20	–	3
29·9	+26	–	0	m	31	30	4	–	–	–	0	0	0	–	–	3
29·8	+20	–	0	mo	28	27	6	5	–	–	2	2	0	25	–	3
28·3	+20	NNE	2	c	39	35	7	5	–	–	8	8	0	14	–	1
28·6	+20	NNE	3	b	43	39	8	–	–	–	0	0	0	–	–	0
28·5	+14	S'E	2	b	45	40	7	–	–	–	0	0	0	–	–	3
28·3	+8	–	0	b	38	36	8	–	–	–	0	0	0	–	–	0
28·3	+2	–	0	b	32	32	7	–	–	–	0	0	0	–	–	3
28·2	+6	E	2	b	42	37	8	–	–	–	0	0	0	–	–	0
29·2	+24	WNW	2	mo	36	35	6	–	–	–	0	0	0	–	–	1
27·0	+10	NNW	2	c	38	37	7	8	–	–	8	8	0	25	–	3
30·1	+10	SW	3	rr	39	37	7	5	–	–	8	8	0	20	–	3
29·4	+24	ENE	1	mo	35	34	6	–	–	–	0	0	0	–	–	3
29·4	+14	NE	3	b-bc	39	37	8	5	–	–	3	3	0	35	–	3
29·3	+26	NNW	2	b-bc	34	32	8	5	–	–	3	1	–	35	–	1
27·4	0	SSE	1	b	41	39	8	5	–	–	1	1	–	40	–	0
28·0	+12	S	1	b-bc	37	33	8	4	–	–	3	3	–	25	–	1
29·5	+34 22	ESE	2	f	30	30	3	1	–	–	9	9	0	–	–	3
30·0	+20	–	0	mo	29	29	5	–	–	–	0	0	0	–	–	3
29·4	+18	SSW	1	c	33	33	7	5	–	4	8	8	0	25	–	1
29·5	+20	W'N	2	mo	31	31	6	5	–	–	3	3	0	30	–	1
29·9	+14	SSE	2	f	32	32	8	–	–	–	9	9	0	–	–	1
28·6	+6	NE·E	2	b	32	30	8	–	–	–	1	1	–	35	–	3
28·6	+10	N	3	b	40	38	8	5	–	–	2	2	–	25	–	1

OBSERVATIONS Monday NIGHT

Weather 18h.–00h. (39)	Weather 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain mm. (43)
cdo bc bmo	bc cmo	41	36	Tr
mo ido cmo	cmo	41	39	0·1
cdo bc bc	bcc	39	35	Tr
bmo cmo	bc mo bc	35	32	–
cbc mo	cbm o	39	37	–
cmo bmo	bmo cbmo	40	36	–
cmo bmo cmo	cmo	39	37	1
cir₀ cmo	cir₀ bc cmo	40	39	1
cm o	b cmo	38	38	0·1
o r₀ r₀ mo	c i d₀ c r₀ r₀	40	38	1
o f₀ w c	cpr z₀ bc	43	*	3
cg bc mo c	c d d m bc	39	39	0·1
cmo bc c	c i d₀ m cir₀	41	37	0·4
ed f c d d m bc	cdo bc mc	37	*	0·1
do obm	bmc mi d cm	36	32	Tr
cmo do do bm	c i d₀ m cmo	37	35	Tr
cmo bmo	bmo cmo	37	33	–
bc c mo w	cmo w	37	32	Tr
bc	bc	43	41	–
	cmo	37	30	Tr
bcm₀	bc z₀	40	*	–
bc bmo b	bc bbc c	35	27	Tr
cpr bc mo	bcm₀ bm₀ bsm	37	31	0·3
c pr e bc c	cbc bm₀	37	30	0·3
cpr bc	bcb	39	*	Tr
cpr bc	cr₀ cm₀	43	39	Tr
pr q bc	c	46	*	Tr
b bc c bc	bm₀ bm₀ x	35	27	Tr
bc pr, bc	bcm₀ bm₀	38	*	~
bc p f c bc	bc b m₀ w	33	24	–
cbc	bc	34	29	0·1
cr₀ cmo	cm₀	34	31	–
cm bm	bm bc m₀ cm₀	37	29	0·2
cbm₀	b m₀ b	36	26	–
cmo bc mo	bm₀ bb m₀ x	29	22	–
cir₀ g cido	cm₀ cdo d₀ m₀	37	33	0·2
bb cpr o bc	opr	42	*	Tr
bc g i m₀ o	c i r₀ m₀ b	37	34	2
c i cpr c	cpr bco	43	40	0·4
pr	bcc	37	32	0·1
brr b	b	36	*	3
cdo d mo c	c i d₀ b	33	28	0·2
bc	bc	*	*	*
cmo ido	bm₀ bc m₀	28	22	Tr
cmb mo	bm₀ bm x	28	25	–
bc m₀ bmo	bm₀	27	21	–
c r f e	cpr o c	35	32	0·2
b	b	40		–
bx	bx b	33	21	–
b	b	35	21	–
b b	bx	31	24	–
bc	b	40	36	–
		26	24	–
Pr cm₀ bc	bc bx m₀	36	31	–
bc bc	c	24		–
mo i r d	m o r r	61	29	1
bmo bc p bc	c i d₀ bc bm₀	33	23	Tr
cir₀ i d o c	c bbc	38	28	1
c w b c w bx	bx	32	29	–
b	b	36	*	–
	bc	35	*	–
cbc bmo	bm₀ x f	26	22	–
bc b	b b m₀ x	28	20	–
	c	30	25	–
cbc m₀	bc bc m₀	30	28	Tr
b	p	26	25	–
b	b	31	26	Tr
bc	b	39	*	Tr.

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

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THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 10th December 1947

No. 31428

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

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

OBSERVATIONS during DAY (9th)

District	Stations (For heights see p. 4.)	12h. Barom. at M.S.L. mb. (1)	12h. Change in 3 hours. (2)	12h. Wind. Direc. (3)	12h. Wind. Force. (4)	12h. Weather. (5)	12h. Temp. °F. (6)	12h. Dew Point. °F. (7)	12h. Visibility. 0-9 (8)	12h. Cloud. Form. Low. (9)	12h. Cloud. Form. Med. (10)	12h. Cloud. Form. High. (11)	12h. Cloud. Amount. Total. 0-9 (12)	12h. Cloud. Amount. Low. A. 0-9 (13)	12h. Cloud. Amount. Low. B. 0-9 (14)	12h. Height of Base Hundreds of feet. A. (15)	12h. Height of Base Hundreds of feet. B. (16)	18h. Barom. at M.S.L. mb. (17)	18h. Change in 3 hours. (18)	18h. Wind. Direc. (19)	18h. Wind. Force. (20)	18h. Weather. (21)	18h. Temp. °F. (22)	18h. Dew Point. °F. (23)	18h. Visibility. 0-9 (24)	18h. Cloud. Form. Low. (25)	18h. Cloud. Form. Med. (26)	18h. Cloud. Form. High. (27)	18h. Cloud. Amount. Total. 0-9 (28)	18h. Cloud. Amount. Low. A. 0-9 (29)	18h. Cloud. Amount. Low. B. 0-9 (30)	18h. Height of Base Hundreds of feet. A. (31)	18h. Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0-9 (33)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	27.7	+20	N	4	ido	45	39	6	5	-	-	7	7	-	15	-	32.0	+28	N	3	mo	43	39	6	5	-	-	7	7	-	28	-	1	cmoido	cmo	46	0.4	Tr
	Croydon	27.2	+24	N	4	m	45	40	4	5	-	-	7	5	7	8	25	31.4	+34	N	4	m	44	41	4	5	-	-	8	8	-	9	-	1	cmom	rorodododcm	46	0.1	0.2
	S. Farnborough	27.7	+20	NNW	4	mo	44	39	6	5	-	-	8	5	8	17	40	32.1	+38	N'W	3	mo	44	40	6	5	-	-	8	8	-	30	-	1	ccmo	c2ocmo	45	0.1	Tr
	Boscombe Down	27.8	+16	NW	3	mo	42	37	6	5	7	-	8	5	8	12	-	32.4	+28	NNW	2	mo	41	38	6	5	-	-	8	8	-	25	-	0	cbcmocmo	cmobccmo	44	0.5	-
	Calshot	28.2	+24	N	4	c	45	38	7	5	-	-	6	6	-	25	-	32.1	+28	N	3	mo	44	39	6	5	-	-	6	6	-	31	-	0	bcc	ccmo	46	1.1	-
	Tangmere	26.8	+24	NNE	4	c	45	41	7	5	-	-	7	7	-	20	-	31.1	+28	N	3	mo	42	40	6	-	-	-	0	0	0	-	-	0	cmobcc	cmobcmo	45	0.5	-
	Lympne	23.7	+10	N'E	4	pro	42	40	6	9	-	-	7	5	7	5	15	29.8	+32	N'W	3	C	42	41	7	5	-	-	6	6	-	40	-	1	crrcprmo	oprmododoc	44	0.0	3
	Manston	25.2	+34	N'E	4	pro	44	43	6	8	7	-	7	4	5	8	15	29.9	+26	N	3	mo	44	44	6	5	-	-	6	6	-	14	-	1	cprbcpro	cproomo	44	0.0	7
2	Shoeburyness	25.9	+38	N	3	c	46	42	7	5	-	-	7	7	-	25	-	30.6	+28	NNW	3	cbc	43	41	7	5	-	-	5	5	-	20	-	1	cmo	bc	46	0.7	T
	Felixstowe	25.5	+26	NE'E	3	c/pr	45	42	7	5	7	-	8	6	8	40	-	30.1	+26	NNE	5	bbc	44	42	7	5	-	-	3	3	-	30	-	1	crorocprorombcjpbc		46	1.1	0.2
	Gorleston	25.7	+44	NE	4	bc/pr	47	43	7	5	7	-	4	4	3	30	72	30.3	+28	NNE	4	cbc/pr	44	43	6	3	-	-	5	5	-	30	-	1	cpozobc	opr2c2o	47	1.5	0.9
	Mildenhall	27.5	+24	N	4	ido	46	41	7	5	-	-	7	4	6	13	15	31.8	+26	NNW	3	C	44	39	7	5	-	-	8	5	8	14	25	1	ciroido	cidoc	46	0.2	Tr
	West Raynham	27.6	+24	NNE	4	c	45	40	7	5	-	-	7	7	-	20	-	31.6	+28	N	3	c/d	42	40	7	5	-	-	7	7	-	23	-	1	ccprmcm	ccidoc	45	0.9	Tr
	Waddington	29.0	+32	NNW	2	mo	42	41	5	5	-	-	5	3	7	15	25	32.3	+22	ENE	1	bbc/r	42	40	5	5	-	-	3	3	-	20	-	1	croromocidocmoiro		44	0.8	0.2
3	Cranfield	28.2	+22	N'E	3	ido	42	39	7	5	-	-	8	2	8	10	25	32.3	+28	N	1	mo	42	38	6	5	-	-	7	7	-	30	-	1	cmoc	cidoccmo	.3	0.5	Tr
	Honiley	28.9	+14	NNE	4	c/r	43	39	5	5	-	-	6	6	-	25	-	32.9	+22	N	2	c/r	42	38	5	5	-	-	8	8	-	25	-	1	cmoro	cmoiro	43	0.5	Tr
4	Little Rissington	28.9	+16	NNE	4	mo	41	37	6	5	-	-	8	4	8	8	15	32.8	+22	NNW	2	mo	40	38	6	5	-	-	8	4	8	12	15	1	cmommo	cmo	42	0.0	-
	Defford	29.8	+6	N	2	mo	43	38	6	5	-	-	8	8	-	20	-	33.3	+22	NNE	2	mo	43	38	5	5	-	-	8	8	-	26	-	1	cmo	cmo	45	0.0	-
5	Bristol	29.4	+18	NNE	4	mo	43	38	5	5	-	-	8	8	-	17	-	33.2	+24	N	2	mo	43	38	5	5	-	-	8	8	-	23	-	0	cmow	cmomcmo	43	0.1	-
	Hartland Point	30.2	+20	NE	2	c	45	37	8	5	-	-	7	7	-	25	-	33.0	+20	NE	3	C	45	38	8	5	-	-	8	8	-	25	-	0	bcc	c	46	0.7	-
	Yeovilton	28.9	+22	N'W	3	mo	44	37	6	5	-	-	8	4	8	25	40																		cmo				
	Portland Bill	27.4	+20	NNE	3	mo	44	37	6	5	-	-	8	8	-	10	-	30.5	+20	NE	3	mo	44	37	6	5	-	-	6	6	-	10	-	1	bc	bcc	46	*	-
	Exeter	30.1	+16	NE'E	3	c	45	37	8	5	-	-	7	7	-	30	33-40	33.2	+22	NNE	2	C	44	39	7	5	7	-	8	8	-	240	-	0	c	c	45	0.2	-
	Plymouth	30.2	+18	NE	3	bc	45	38	7	5	-	-	4	3	3	30	40	32.6	+14	NE	2	mo	43	35	6	5	-	-	7	7	-	25	-	0	bmoxbc	bccmo	47	2.1	-
	St. Eval	30.8	+14	NNE	4	mo	45	39	6	5	-	-	3	3	-	30	-	33.4	+18	NE	2	c	43	40	7	5	-	-	7	7	-	22	-	1	bmowbmo	bmobcc	46	3.4	-
	Lizard	29.7	+24	NE	1	bbc	45	38	7	2	-	1	3	2	2	20	-	32.4	+14	NE	2	c	42	37	7	5	-	-	7	7	-	15	-	0	bbc2	bcc	47	5.8	T
	Guernsey	27.0	+18	NNE	6	c	45	40	7	5	-	-	7	5	7	10	25	31.0	+20	NNE	4	C	47	43	8	5	-	-	6	4	4	15	25	1	c	c	47	0.0	-
6	Scilly, St. Marys	30.5	+18	NE	3	bc	49	40	7	1	-	-	4	4	-	22	-	32.5	+18	ENE	3	bc	45	41	8	1	-	-	4	4	-	25	-	1	cbc	bc	50	6.2	-
	Fairwood	31.1	+14	N'W	2	mo	42	37	6	5	-	5	6	5	3	43	-	33.6	+18	NE	1	mo	41	37	6	5	-	-	6	6	-	31	-	1	bmoxcmo	cbccmo	43	1.2	-
	Pembroke	31.9	+20	E'N	3	bbc	45	43	7	2	4	-	3	2	3	35	-	33.5	+14	ENE	3	b	41	41	7	1	-	-	2	2	-	35	-	1	bmbcbc	bc	45	6.7	-
	Aberporth	31.6	+14	E'N	1	bc	44	39	7	1	5	5	4	1	3	30	-	33.7	+18	-	0	cbc	38	36	8	5	3	8	5	4	4	31	-	1	bwmobxbc	bcc	46	5.6	-
7	Holyhead (Valley)	31.8	+12	ENE	2	bc	48	41	8	8	3	3	4	4	4	25	-	34.1	+12	ENE	1	bc	36	35	8	5	7	-	4	3	3	25	-	0	bccjfbc	bcbbc	49	8.2	-
8	Hawarden	31.0	+22	NW	3	mo	43	38	5	5	-	-	4	4	-	30	-	33.9	+18	NNW	1	m	41	39	4	5	-	-	5	5	-	30	-	1	cmobmmo	bcmocmbcm	43	2.9	-
	Manchester	30.4	+6	NNW	2	cf+	41	38	3	5	-	-	8	8	-	15	-	33.8	+22	NW	2	cf+	36	35	3	5	-	-	6	6	-	30	-	1	bcbmobcm	cfcmcf	44	0.0	-
	Squires Gate	31.2	+14	N	2	mo	43	37	5	5	3	1	5	4	3	35	-	34.3	+18	NE	2	m	41	39	4	5	-	-	4	4	-	30	-	3	bmofmmocffmffbcm		45	3.1	-
	Carlisle	31.8	+10	-	0	mo	36	33	5	1	4	-	3	2	2	30	-	33.8	+12	-	0	bf-	32	31	2	-	-	-	0	0	0	-	-	1	bmoxbcxf	boxmobcf	42	*	-
9																																							
10	Finningley	29.7	+14	N	3	mo	44	40	6	-	-	1	1	1	-	-	-	32.9	+18	NW	1	bcf	38	36	3	5	-	-	4	4	-	30	-	1	bcpro	bmocf	45	3.7	-
	Spurn Head	28.8	+22	NE'E	3	bc/pr	45	45	7	8	-	-	4	4	-	15	-	32.3	+20	NNE	3	b	43	42	7	-	-	-	0	0	0	-	-	1	cmobmo	b	46	1.1	-
	Leeming	30.7	+10	E	2	mo	42	40	6	5	7	-	7	5	3	25	-	33.5	+12	WNW	2	mo	39	36	8	5	-	-	7	7	-	17	-	1	bmo6obc	bcmocmo	44	0.4	0
	Tynemouth	30.7	+8	N	2	mo	45	38	6	5	-	-	4	4	-	18	-	33.4	+14	NW	2	mo	42	38	6	5	-	-	4	4	-	18	-	1	omobcmo	cbcmo	46	*	-
11	Acklington	31.0	+8	NW	2	bc	45	41	7	5	-	-	4	4	-	100	-	33.3	+10	WNW	2	b	36	34	7	5	-	-	2	2	-	25	-	1	bc	bcb	45	1.6	-
	St. Abb's Head	31.5	+12	NE	2	cbc	42	37	7	5	-	-	5	5	-	30	-	32.7	+8	NW'W	3	mo	42	37	6	2	-	-	3	3	-	30	-	0	bcc	bcmobmo	43	*	-
	Leuchars	32.0	+8	W'S	1	mo	38	35	6	-	-	-	3	3	-	-	-	33.1	+6	WSW	2	mo	36	34	5	4	-	-	1	1	-	-	-	1	bxbcmo	bcmocmob	42	3.5	-
	Bell Rock	31.7	+10	NW	2	bbc	42	37	7	7	-	-	2	2	2	25	-	33.8	+10	W	2	bc	43	38	7	5	-	-	4	4	-	15	-	*	bc	cbc	*	*	*
12	Renfrew	32.8	+14	-	0	f+	29	29	0	-	-	-	2	2	-	0	-	33.1	+16	-	0	F	31	31	0	-	-	-	9	9	-	0	-	3	bcmoffx	offx	32	0.0	-
	Prestwick	31.9	+8	-	0	mo	39	37	5	-	3	2	4	3	4	200	-	32.6	+6	ESE	3	mo	37	35	6	-	-	7	8	8	-	200	-	1	bcmxmo	obccmo	42	*	-
	Wigtown	32.5	+10	WSW	1	bc	39	37	8	5	-	-	2	4	3	3	30	33.7	+8	SE	2	b/bc	36	34	8	-	4	N	3	2	2	-	-	3	cxbx	bcfgb	43	*	-
	Eskdalemuir	31.9	+12	E	1	bc	40	37	8	5	-	-	3	4	1	15	-	34.2	+10	-	0	b	30	27	8	-	-	-	0	0	0	-	-	1	cbc	bcmocbx	44	4.1	-
	Point of Ayre	31.6	+12	E'S	2	b-bc	46	39	8	2	-	9	2	1	3	20	-	33.3	+10	-	0	b	35	34	8	5	-	-	1	1	-	25	-	0	bcb	bw	50	6.1	-
13A	Tiree	30.0	+6 +10	S	3	cbc	47	42	7	2	7	-	5	2	5	15	-	29.6	+2	S	6	C	46	41	7	5 7	-	8	4	8	30	-	1	bbcc	c	47	0.0	D
13B	Benbecula	28.5	0	S	3	c	45	40	8	5	2	-	7	2	7	15	-	27.1	-10 +4	S	4	c/r	45	41	7	5 7	-	8	4	8	25	-	1	c	cirbc	46	*	1
	Stornoway	28.6	+6 -6	S	5	cbc	46	39	7	5	7	-	5	5	1	30	-	27.5	-8	S	6	ir	41	39	7	5	7	-	8	4	8	25	-	1	bcb	c	47	0.0	2
15	Cape Wrath	29.8	+8	SE	2	cbc	43	36	8	5	3	-	5	3	4	25	-	28.1	-10	S	3	cbc	42	35	8	5	-	-	5	5	-	30	-	1	bcc	c	44	*	D
	Dalwhinnie																	31.0	0	SE	1	bc	37	33	7	5	-	-	4	4	-	10	-	4		b	38	0.7	-
	Aberdeen	31.8	+10	NW	2	m	40	38	4	5	-	5	5	5	2	30	-	32.6	+6	-	0	m/f	35	34	4	5	-	8	5	3	5	30	-	1	bxbcm	cmffbcm	41	0.1	-
	Rattray	31.4	+10	ENE	2	cbc	44	37	7	5	-	5	5	5	-	30	-	31.5	+2	S	2	bc	37	34	7	5	-	-	4	4	-	25	-	0	c	bcbc	52		-
	Lossiemouth	32.2	+8	SW	2	mo	38	37	6	5	-	6	6	4	2	25	-	31.7	-2	SSE	3	bc	35	32	7	-	1	-	4	4	-	-	-	1	broroc	cmocbc	38	0.3	-
	Wick	31.4	+6	-	0	c	38	35	7	-	5	8	6	4	6	-	-	30.0	-14	SSE	3	c	43	40	7	5	-	8	7	4	6	19	-	1	bmobccmo	cmoc	44	0.0	-
16	Hatston	31.4	+6	S	2	c	40	35	8	5	7	7	8	3	3	35	-	30.2	-8	S	3	cbc	43	41	7	5	7	-	5	4	4	30	-	1	bccbcc	cbcc	44	0.0	-
17	Lerwick	31.2	+8	-	0	c	38	36	8	5	-	7	7	4	7	35	-	30.6	-4	S'W	2	c	38	35	8	-	7	8	3	8	35	-	1	bxcx	cxcbcx	40	0.0	-
18	Blacksod Point†	29.1	+10	SSE	3	c	46	39	7	5	-	-	8	8	-	25	-	28.5	-2	S'E	4	C	47	43	7	5	-	-	7	7	-	25	-	0	c	c	47		-
	Malin Head †	29.4	+4	S	2	cbc	43	36	8	5	-	4	5	3	-	25	-	28.7	-6	S	4	bc	43	36	8	5	-	-	4	4	-	25	-	1	bc	c	44	0.3	-
	Aldergrove	32.5	+10	-	0	m/f	33	30	4	-	38	-	6	6	-	-	-	32.6	+2	SE	4	mo	39	38	6	-	7	-	3	3	-	-	-	1	bxfcm	cmobcmo	41	0.1	-
19	Cas Archdale	31.8	+6	-	0	f+	32	31	3	-	-	-	3	3	-	0	-	31.7	+6	SE	1	mo	34	33	5	-	7	-	5	5	-	-	-	1	bm(o)ff	cbc	35	0.0	-
	Birr Castle … †	31.4	+6	S	1	c	38	37	7	5	-	-	8	8	-	25	-	31.2	0	S	1	bc	37	35	8	5	-	-	4	4	-	25	-	1	of	bc	39	0.0	-
	Collinstown †	32.5	+10	WNW	2	cbgf	38	36	6	7	5	-	8	3	-	35	-	33.1	+6	SE'S	2	m	38	35	4	-	7	8	8	0	-	-	-	1	bcjf	e	41	2.5	-
20	Rineanna †	31.9	+2	SE	3	f	36	35	2	-	-	-	9	9	-	0	-	31.4	+2	ESE	3	mo	38	37	5	5	7	-	4	4	-	5	-	1	OFF	f	38	0.0	D
	Valentia †	31.2	+14	SE/E	3	c	45	41	8	5	3	-	7	1	-	100	-	30.8	+6	SE'E	3	C	46	42	7	5	-	2	7	2	-	25	-	1	C	c	48	2.3	D
	Roches Point †	32.0	+8	N	3	bc	37	36	7	5	-	5	4	2	-	25	-	32.2	+4	-	0	mo	41	40	5	5	-	-	4	4	-	15	-	1	bc	c	43	*	0.1

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

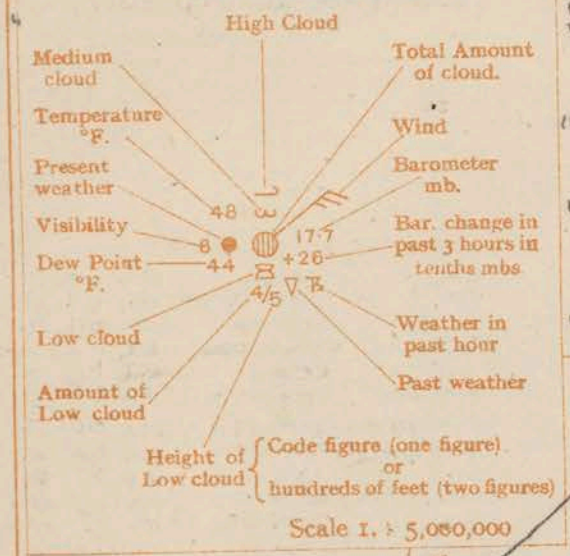
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.
‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,080,000

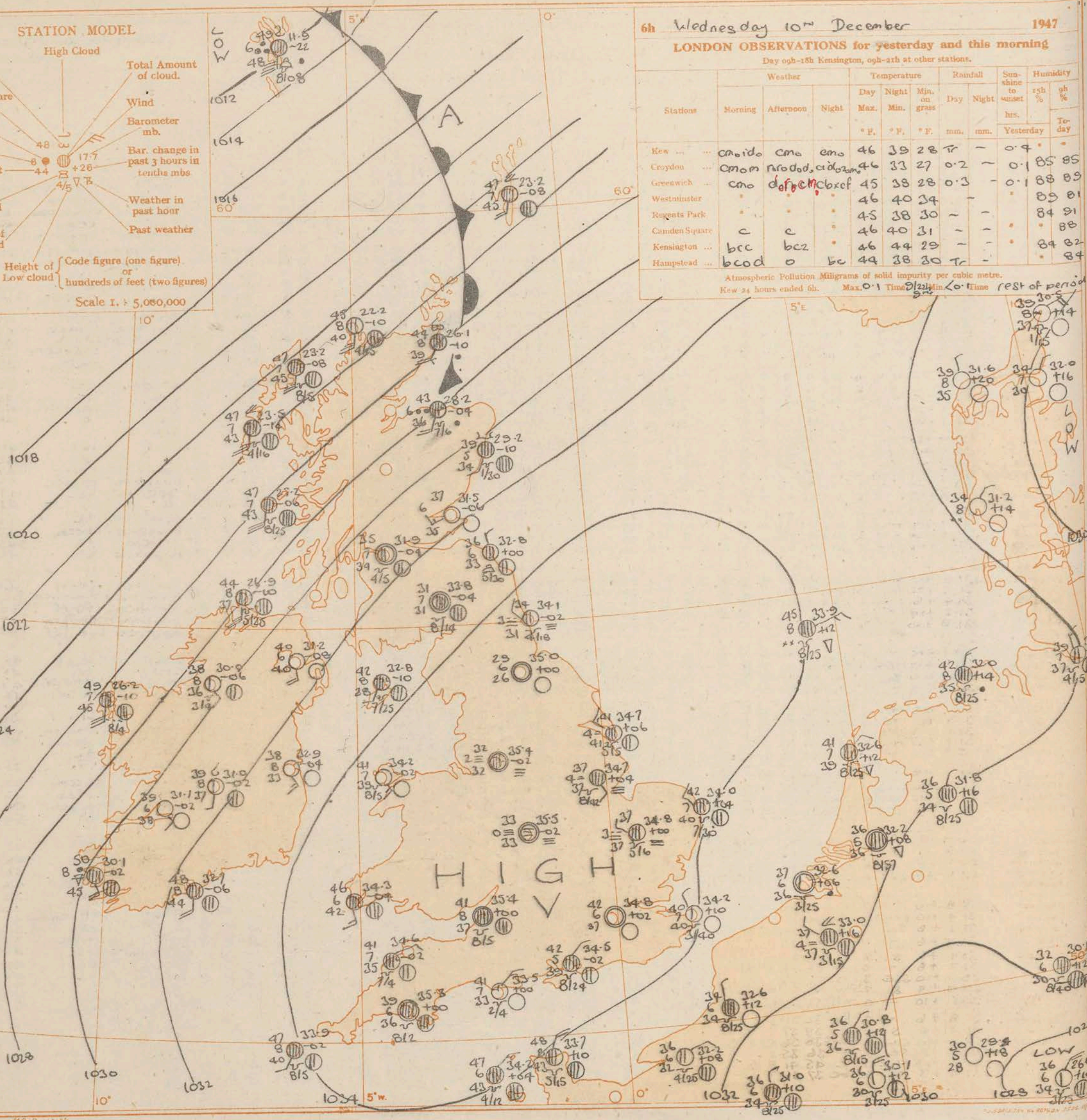
6h Wednesday 10th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h %	9h %
				°F.	°F.	°F.	mm.	mm.	hrs. Yesterday		To-day
Kew ...	cmoido	cmo	cmo	46	39	28	Tr	—	0·4	*	*
Croydon ...	cmom	nrodod, cidozom		46	33	27	0·2	—	0·1	85	85
Greenwich ...	cmo	dofbcm, cbxcf		45	38	28	0·3	—	0·1	88	89
Westminster	*	*	*	46	40	34		—	*	89	81
Regents Park	*	*	*	45	38	30	—	—	*	84	91
Camden Square	c	c	*	46	40	31	—	—	*	*	88
Kensington ...	bcc	bc2	*	46	44	29	—	—	*	84	82
Hampstead ...	bcod	o	bc	44	38	30	Tr	—		*	84

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 9/22 Min. <0·1 Time rest of period



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

1947

morning

Sunshine to sunset hrs.	Humidity 15h %	Humidity 9h %
Yesterday		To-day
0·4	•	•
0·1	85	85
0·1	88	89
•	89	81
	84	91
•	•	88
•	84	82
	•	84

rest of period

GENERAL INFERENCE

A large anticyclone corering England, Wales, the North Sea and Bay of Biscay is moving slowly Southeast and will give rise to extensive fog in the South East and Midlands. Vigorous disturbances South of Greenland and near Iceland moving Northeast will give rise to a mild southwesterly air stream over the Northwestern half of the country, which will extend slowly over all districts. There will be occasional rain in West Ireland, north and West Scotland, with winds of gale force at exposed places.

FURTHER OUTLOOK

Mainly fair to cloudy but occasional rain in extreme Northwest and North of British Isles: somewhat milder generally. Some fog in the South.

Gale Warning:

Gale warnings are in operation for land areas North of a line Clyde to Firth of Forth.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 10th December

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

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

Wednesday 10th December 1947 — No. 31429.

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16	*	*	*	*	*	43	*	*	*	*	*	*	*	*	*	
	Croydon	217	33.9	+6	N	2	mo	43	38	5	5	–	–	8	8	–	21	–
	S. Farnborough	220	34.0	+4	NtE	3	mo	43	37	6	5	–	–	8	8	–	26	–
	Boscombe Down	417	34.1	+4	NNE	2	mo	41	35	6	5	–	–	7	7	–	19	–
	Calshot ...	8	34.4	+10	NNE	3	c	44	38	7	5	–	–	8	8	–	35	–
	Tangmere ...	53	33.5	+10	NNE	3	mo	43	40	5	5	–	–	8	8	–	25	–
C	Lympne ...	341	33.0	+14	NtE	4	ido	42	41	8	5	–	–	8	4	8	8	15
	Manston ...	140	32.9	+12	N	4	ido	44	42	6	5	–	–	8	4	8	8	15
2	Shoeburyness	11																
	Felixstowe ...	10	32.9	+8	NE'E	2	c	43	41	7	5	–	–	8	8	–	26	–
	Gorleston ...	5	32.8	+6	NW	2	mo	43	41	6	5	–	–	3	3	–	25	–
	Mildenhall	15	33.9	+6	NW	1	clr	41	40	6	5	–	–	8	8	–	26	–
	West Raynham	250	33.7	+6	WNW	1	b-bcf+	36	36	3	5	–	–	3	3	–	30	–
	Waddington	235	33.8	+6	ENE	2	F	36	36	0	–	–	–	9	9	–	0	–
3	Cranfield ...	340	34.0	+6	NW	1	mo	41	39	6	5	–	–	8	8	–	25	–
	Honiley ...	427	34.5	+6	NNW	1	mo	37	37	4	5	–	–	3	3	–	21	–
4	Little Rissington	731	34.1	-4	ENE	1	mo	40	36	6	5	–	–	8	8	–	22	–
	Defford ...	58	34.7	+4	–	0	mo	41	38	5	5	–	–	8	8	–	29	–
5	Bristol ...	209	34.5	+6	ENE	1	c	41	37	7	5	–	–	8	8	–	24	–
	Hartland Point	299	34.4	+12	ENE	3	c	42	39	7	5	–	–	8	8	–	15	–
	Yeovilton	50																
	Portland Bill	32	32.3	+4	ENE	3	c-bc	44	37	7	5	–	–	5	5	–	20	–
	Exeter ...	100	34.9	+2	ESE	1	c	48	38	7	5	–	–	8	8	–	26	–
	Plymouth ...	86	34.5	+6	–	0	mo	40	36	6	–	–	–	0	0	0	–	–
	St. Eval ...	345	35.0	+6	–	0	bc	39	36	6	5	–	–	4	4	–	23	–
	Lizard ...	230	34.2	+10	NtE	2	c	46	38	7	5	–	–	7	8	–	10	–
	Guernsey ...	340	33.1	+4	NE'N	3	c	46	42	8	5	–	–	8	4	8	15	25
	Scilly, St. Marys	163	34.1	+2	SE	1	c	46	41	8	5	–	–	8	8	–	–	–
6	Fairwood ...	268	35.3	+10	–	0	mo	41	37	6	5	–	–	8	8	–	29	–
	Pembroke ...	142	30.4	+12	S	3	bc	46	41	7	1	–	–	4	4	–	35	–
	Aberporth ...	425	35.2	+10	S'W	2	Zo	47 37	34	6	5	–	–	4	4	–	21	–
7	Holyhead (Valley)	32	34.7	0	ENE	2	b	32	31	7	–	–	–	0	0	0	–	–
	Hawarden	15	34.9	+2	–	0	bf-	25	24	3	–	–	–	0	0	0	–	–
8	Manchester	230	34.9	+6	ESE	1	bF-	31	31	1	–	–	–	0	0	0	–	–
	Squires Gate	33	34.6	+2	–	0	m	30	29	4	–	–	–	0	0	0	–	–
	Carlisle	100	34.2	0	–	0	bf	27	27	3	–	–	–	0	0	0	–	–
9	Finningley	28	34.4	+6	WNW	1	bF+	35	34	1	–	–	–	0	0	0	–	–
10	Spurn Head	29	33.9	+4	WNW	3	mo	41	41	6	–	–	–	0	0	0	–	–
	Leeming	105	34.9	+6	NNW	2	mo	31	31	6	–	–	–	0	0	0	–	–
	Tynemouth	108	34.1	0	W	2	mo	37	32	6	5	–	–	4	4	–	18	–
	Acklington	138	34.1	+2	WSW	2	b	30	29	8	–	–	–	0	0	0	–	–
11	St. Abb's Head	280	33.0	+2	–	0	mo	38	38	6	2	–	–	4	4	–	30	–
	Leuchars ...	31	32.7	-8	WSW	5	mo	33	33	6	–	–	–	0	0	0	–	–
	Bell Rock ...	–	32.8	-2	SW'W	4	b	42	37	6	–	–	–	0	0	0	–	–
12	Renfrew	35	33.4	-6	–	0	f-	34	33	2	–	–	–	9	9	–	0	–
	Prestwick ...	30	32.6	-8	SE	2	b	36	34	7	5	–	–	1	1	–	30	–
	Wigtown	19	34.1	-6	SE	2	bc	38	32	8	5	3	–	4	3	3	40	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	33.8	+6	SW'W	2	b-bc	36	34	8	5	–	–	3	3	–	20	–
13A	Tiree ...	44	28.8	-8	S	6	c	47	40	7	5	2	–	8	4	8	20	–
	Benbecula ...	27	25.9	-10	S	4	c	46	42	7	5	2	–	8	4	8	18	–
13B	Stornoway ...	12	25.8	-2	S	7	c	47	43	7	5	–	–	8	8	–	25	–
	Cape Wrath	367	25.3	-26	S	4	ir	43	36	8	–	2	–	8	8	–	20	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79						39										
	Rattray ...	40	29.7	+18	S	2	bc	39	36	7	5	–	–	4	4	–	25	–
	Lossiemouth	21	30.2	-10	SW	2	c	39	33	7	–	7	–	7	7	–	–	–
	Wick ...	114	28.8	-10	~~SSW~~ SW	4	mo	42	36	8	–	2	–	8	8	–	55	–
16	Hatston ...	45	28.6	-8	SSW	2	c	42	39	7	5	–	–	8	4	8	20	40
	Lerwick ...	269	27.9	-22	S	5	c	43	38	8	5	7	7	8	4	4	22	–
17	Blacksod Point †	18	28.3	-6	S	4	c	48	44	7	5	–	–	8	8	–	16	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	32.6	+2	S'E	3	mo	39	36	6	–	–	2?	3	3	–	–	–
	Cas. Archdale	225	31.1	-8	SE	2	c	36	35	7	5	–	–	8	3	8	20	40
19	Birr Castle ... †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	33.7	0	SE'S	2	b	38	34	7	5	–	–	1	1	–	45	–
20	Rineanna ... †	13	31.9	-6	E'S	2	mo	38	38	8	5	–	–	–	0	0	–	–
	Valentia ... †	30	31.1	-6	SSE	4	bc	47	43	7	5	–	–	4	4	–	22	–
	Roches Point †	22	33.0	-2	S	3	bc	43	43	7	5	–	–	4	4	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
35.1	+4	N'W	1	mo	43	39	6	5	–	–	8	8	0	28	–	1
34.8	+2	–	0	mo	42	37	6	5	–	–	8	8	0	–	–	3
35.4	+6	WNW	1	mo	41	38	6	5	–	–	8	8	0	20	–	1
35.0	0	N'E	2	c	40	35	7	5	–	–	8	8	0	21	–	0
35.5	+2	N'E	3	mo	40	37	6	5	–	–	8	8	0	25	–	0
34.5	-2	NNE	2	mo	42	39	5	6	–	–	8	8	0	24	–	0
34.0	+6	N'W	3	bc	41	38	7	5	7	–	4	3	3	27	–	1
34.2	+10	N'W	2	b-bc	40	40	7	5	7	–	3	3	0	40	–	1
33.9	+8	NNW	2	bc	37	35	6	5	–	–	4	4	0	19	–	1
33.9	+6	NNE	3	mo	41	36	6	5	–	–	5	5	0	47	–	1
34.0	+4	NW	2	c	42	40	7	5	–	–	7	7	0	30	–	0
34.8	0	WNW	2	c-bcf	37	37	3	5	–	–	5	5	0	34	–	1
34.3	+10	NW	2	m	38	38	4	5	–	–	8	8	0	30	–	1
34.7	+4	SE	2	m	37	37	4	5	–	–	9	9	0	42	–	1
35.0	+2	WNW	1	F	37	37	1	–	–	–	9	9	0	–	–	1
35.5	-2	–	0	F	33	33	0	–	–	–	9	9	0	–	–	1
35.5	+4	–	0	Zo	40	33	5	5	–	–	8	8	0	23	–	1
35.5	-2	–	0	mo	39	38	5	5	–	–	8	8	0	29	–	1
35.4	0	–	0	c	41	37	8	5	–	–	8	8	0	22	–	1
34.6	-2	ENE	2	c	41	35	7	5	–	–	7	7	0	–	–	1
34.8	+4	–	0	mo	42	38	6	5	–	–	8	8	0	20	–	0
33.5	0	NE'E	3	b	41	33	7	5	–	–	2	2	0	20	–	1
35.9	+4	NE	1	c	35	34	7	5	–	–	8	8	0	28	–	0
35.3	0	–	0	mo	39	36	6	5	–	–	8	8	0	20	–	1
34.9	-4	–	0	c	41	38	7	5	–	–	8	7	0	24	–	1
33.9	-4	NE'E	2	c	44	39	7	5	–	–	7	7	0	10	–	1
34.2	+4	NE'N	3	mo	47	43	7	6	5	–	8	7	8	12	25	1
33.9	-2	SSW	2	c	47	40	8	5	–	–	8	8	0	–	–	1
35.3	-2	ENE	1	mo	41	37	6	5	–	–	8	8	0	26	–	1
34.3	-4	S'E	3	mo	46	42	6	5	–	–	8	8	0	28	–	1
34.7	-6	S'W	2	mo	39	36	6	5	–	–	8	8	0	18	–	1
34.2	-2	SE	3	c	41	39	7	5	–	–	8	8	0	27	–	0
35.0	-6	SSE	1	m	30	29	4	5	–	–	8	8	0	30	–	1
35.4	-2	–	0	mo	32	32	2	–	–	–	9	9	0	–	–	3
34.7	-2	ESE	2	F	30	30	1	–	–	–	9	9	0	–	–	1
33.4	-4	–	0	mo	30	28	5	–	–	–	9	9	0	–	–	1
35.1	+2	S	1	cf	38	36	2	5	–	–	8	8	0	37	–	1
34.7	+6	NW'W	3	m	41	41	4	5	–	–	5	5	0	–	–	1
35.0	0	–	0	mo	29	26	6	5	–	–	5	5	0	18	–	1
34.1	-2	NW	1	bcf	34	31	3	5	–	–	4	4	0	18	–	1
33.3	-2	W	2	bc	31	30	7	5	–	–	4	4	0	30	–	1
32.8	0	NNW	2	mo	36	33	6	2	–	–	5	5	0	30	–	1
31.5	-6	WSW	3	mo	37	35	6	–	–	–	0	0	0	–	–	1
21.4	-26	SW'W	4	b-bc	42	37	6	–	–	–	23	3	–	15	–	*
31.9	+4	–	0	bc	35	34	7	5	–	–	4	4	0	30	–	0
31.6	-4	SSE	2	c-bc	40	37	8	5	–	–	5	5	0	28	–	1
32.8	-6	SE	3	c	42	39	7	5	–	–	8	8	0	30	–	1
33.8	-4	–	0	c	31	31	7	5	–	–	8	8	0	14	–	1
32.8	-10	S'W	2	c	42	38	8	5	–	–	7	7	0	25	–	0
27.2	-6	S	6	c	47	43	7	5	–	–	8	8	0	25	–	1
23.5	-14	S	5	c	47	43	7	5	2	–	8	4	8	16	–	1
23.2	-8	S	6	c	47	45	7	5	–	–	8	8	0	25	–	1
22.2	-10	S	5	bc	45	40	8	5	–	–	4	4	0	15	–	0
29.2	-10	SSW	2	mo	39	34	5	5	–	7	8	1	8	30	–	1
28.7	-10	S	3	c	38	34	7	5	–	–	8	7	0	20	–	0
28.2	-4	SSW	4	ro	43	36	8	–	–	–	7	7	0	30	–	1
26.1	-10	~~WSW~~ SSW	4	c	44	39	8	7	–	–	7	7	0	80	–	1
25.3	-14	SSW	3	bc	43	41	7	5	–	–	8	4	0	30	–	1
24.5	-14	S'W	4	rr	44	42	7	5	2	–	8	8	0	21	–	1
26.2	-10	S	6	c	43	43	7	6	–	–	8	8	–	15	–	0
26.9	-10	S	5	c-bc	44	36	7	5	–	–	8	5	–	25	–	1
31.2	-8	S	4	b	40	38	6	–	–	–	5	0	0	–	–	1
30.0	-6	SE	2	b-bc	38	36	8	5	–	–	3	3	0	20	–	1
31.0	-2	S	1	b-bc	39	37	8	8	–	–	3	3	0	–	–	1
32.9	-4	SSE	3	b	38	34	8	8	–	–	0	0	0	–	–	1
31.1	-2	SE	2	mo	39	32	8	6	–	–	0	0	0	–	–	1
30.1	-6	S'E	4	PR	50	46	8	5	–	–	8	8	–	21	–	1
32.1	-6	S	4	c	48	44	8	5	–	–	8	8	–	15	–	1

OBSERVATIONS Tuesday NIGHT

9 h. Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 22h.–09h. Min. °F. (41)	Temperature 22h.–09h. Min. on Grass °F. (42)	Rain. mm. (43)
cmo	cmo	39	28	–
oidocm	cmfZobmo	33	27	–
cmoczo	czocmoc	36	27	–
cfmo	czocmoc	39	38	–
cmob	cbmobcmo	39	35	–
bmocmo	cmobmbmo	39	34	–
cido	bcmocbc	37	31	Tr
cmopfo	cido bcb	35	34	Tr
cmo	bcmo	36	34	Tr
bcciroc	cirocbcmo	40	35	Tr
bczo	c	41		–
ccifocmo	cmoFecf	35	29	Tr
ccmo bgff	cbcm, cm	36	27	–
bmoOF	oFcm	34	30	–
ccmo	cmoOF	36		–
ccmo	bcmbfeofe	31	25	–
cmo	cmo	39	37	–
cmo	cmo	38	36	–
cmoc	c	40	37	–
c	bcc	38	38	–
	cmo	39	38	–
cc	bcbc	39		–
c	bcxcx	34	30	–
cmo bcbmo	cmow	37	27	–
cbcmo	bccmoc	38	27	–
c	bc	43		Tr
bcc	cmo	44	40	–
bcc	bc	44		–
cmoczcmo	cmo	40	35	–
bc	cc	38		–
cbcbbcmo	bccmo	35	25	–
bcb	bc	31	28	–
bmomg	bFfbmg	23	21	–
oFbF	bFoFof	25	24	–
bmgmx	bmFmFx	25	21	–
bFx	bFxbmox	26	22	–
bF	cmoff	33	27	Tr
bmo	bccm	39		–
bcmo	bmox	25	21	–
bcmo	bcmobcs	31	29	–
bcb	bc	29	26	–
bmobcmo	bcmo	34		–
bmo	bmo	32	23	–
bcb	bc			–
oFgxoffx	bcmxbcm	31	31	
cmob	bcbc	34	32	–
bbcx	bcc	32	28	–
bxc	bbccx	22	18	–
bwbx	cwc	33	*	–
ccrofomoc	cbcc	45	43	–
ciroc	c	45	43	Tr
circyxrrc	c	45	39	1
cir	cbc	42	37	–
		35	33	–
	emo	37	27	–
cc	cc	23		–
cc	crorc	34	29	Tr
coir	bcmcmo	40	38	1
c	cirobc	41	39	0.5
cxbcx	crcr	39	34	1
c	c	46		–
c	c	42		–
bcbbcmo	bmo	38		Tr
bbcc	bbcb	39	32	–
	bc	36	33	–
b	bc	35	29	Tr
bmo	bc	35	33	–
bc	c	45	39	–
bc	c	40		Tr

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

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

Thursday 11th December 1947 — No. 31430

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. Low. A. (15)	Height of Base Hundreds of feet. Low. B. (16)
1	Kew	37.4	+6	NE'N	2	2o	45	29	5	5	–	–	4	4	–	31	–
	Croydon	37.1	+6	ENE	3	m/f	45	33	4	5	3	–	4	4	2	40	–
	S. Farnborough	37.2	+6	ENE	2	mo	45	43	5	7	–	–	3	2	3	25	40
	Boscombe Down	36.9	+6	–	0	bbc	45	35	8	1	–	–	3	3	–	25	–
	Calshot	37.3	+8	NE	1	2o	46	36	6	5	3	–	2	1	2	15	–
	Tangmere	36.6	+2	NE	4	mo	46	42	6	–	3	–	3	3	–	–	–
2	Lympne	36.1	+6	N	3	2o	43	36	6	–	7	–	6	6	–	–	–
	Manston	36.7	+8	N	3	c	45	40	8	8	7	–	7	3	7	20	–
	Shoeburyness	36.7	+8	NNE	1	2o	45	37	6	5	–	–	5	5	–	60	–
	Felixstowe	36.4	+6	NNE	2	mo	45	39	6	5	–	–	6	6	–	40	–
	Gorleston	36.4	+10	NW	2	m/f	44	41	4	5	–	–	7	7	–	8	–
3	Mildenhall	37.5	+10	W'N	1	cf	40	39	3	5	–	–	7	7	–	20	–
	West Raynham	36.7	+6	–	0	m	42	41	4	5	–	–	7	7	–	30	–
	Waddington	36.4	+4	SE	2	cf	40	40	3	–	2	–	7	7	–	–	–
	Cranfield	37.0	−2	–	0	m	41	39	4	5	–	–	6	6	–	50	–
	Honiley	37.5	+2	–	0	cf.	39	39	3	5	–	–	8	8	–	20	–
4	Little Rissington	37.6	+8	–	0	c	41	33	7	8	–	–	6	3	6	20	40
	Defford	37.6	+6	–	0	cf	41	39	3	5	–	–	8	8	–	30	–
5	Bristol	37.6	+6	–	0	mo	43	38	5	5	–	–	8	8	–	20	–
	Hartland Point	36.5	+4	ESE	2	c	42	36	7	5	–	–	8	8	–	15	–
	Yeovilton	37.2	+10	–	0	mo	42	38	6	5	–	–	8	4	8	20	40
	Portland Bill	36.3	+8	ENE	3	2o	44	37	6	5	–	–	8	6	–	10	–
	Exeter	38.2	+10	NE	2	mo	41	38	6	5	–	–	7	7	7	12	40
	Plymouth	37.0	+9	ENE	2	m	45	37	4	5	–	–	7	7	–	25	–
	St. Eval	36.7	+6	SE	3	c	44	39	7	5	–	–	8	8	–	37	–
	Lizard	36.4	+6	SSE	1	0	48	39	8	5	–	–	8	8	–	20	–
	Guernsey	36.6	+10	NE	1	c	47	43	7	5	–	–	8	3	5	18	40
6	Scilly, St. Marys	35.7	+10	S	2	c	48	41	8	5	–	–	8	8	–	20	–
	Fairwood	37.4	+4	S	1	c	43	36	7	5	–	–	8	4	8	12	25
	Pembroke	36.2	+6	SSW	4	c	47	44	7	5	–	–	8	8	–	25	–
	Aberporth	36.6	−6	S'E	2	c	47	37	7	5	–	–	8	8	–	30	–
7	Holyhead (Valley)	35.8	+2	SSE	5	mo	45	41	6	5	–	–	8	8	–	35	–
8	Hawarden	36.7	+16	S	4	mo	40	36	5	5	2	–	6	5	2	35	–
	Manchester	36.6	+2	SSW	2	cf+	39	37	5	5	–	–	7	5	–	20	–
	Squires Gate	36.1	+2	SE'S	3	m/f	41	36	4	–	–	6	5	5	–	–	–
	Carlisle	34.3	+2	SE	2	m	39	35	4	5	–	–	8	8	–	18	–
9	Finningley	36.7	+6	SW	1	m	41	39	4	5	4	–	7	6	3	35	–
10	Spurn Head	36.6	+8	NNW	2	m	41	41	4	5	8	–	3	3	2	25	–
	Leeming	36.2	+4	SSE	2	m	39	30	4	–	7	–	7	7	–	–	–
	Tynemouth	34.9	+2	SW	1	cf+	37	34	2	5	5	–	7	4	4	12	72
11	Acklington	34.1	−2	SSW	1	mo	37	32	6	–	5	–	4	4	–	–	–
	St. Abb's Head	31.3	−12	SW'S	6	clag	38	35	6	7	2	–	5	5	1	27	–
	Leuchars	31.3	−2	W	3	mo	40	37	5	7	–	–	7	7	–	–	–
12	Bell Rock	32.2	−30	SW'W	5	c	44	39	7	7	5	9	6	0	–	–	–
	Renfrew	32.1	−2	SSW	3	mo	45	41	6	5	7	8	7	4	7	25	–
	Prestwick	32.1	0	S'W	4	c	47	40	8	5	7	–	8	3	3	30	57
	Wigtown	34.0	+6	S'E	2	c	45	43	7	5	–	–	8	8	–	25	–
	Eskdalemuir	33.6	0	SSW	3	mo	38	35	6	5	–	–	8	8	–	12	–
	Point of Ayre	34.0	+4	SSW	4	c	46	43	8	5	–	–	8	8	–	25	–
13A	Tiree	26.9	0	S	6	clr	48	44	6	5	–	–	8	8	–	15	–
13B	Benbecula	22.6	−4	S'W	6	dd	47	47	3	5	2	–	8	7	8	6	40
	Stornoway	22.2	−2	SW	7	mo	48	48	6	5	7	–	8	5	8	10	–
15	Cape Wrath	20.4	−4	SSW	6	rr	47	43	8	–	2	–	8	8	–	30	–
	Dalwhinnie																
	Aberdeen	28.4	−2	SSW	3	mo	42	37	5	–	7	7	7	3	7	–	–
	Rattray	27.1	−10	S	3	mo	42	39	6	8	–	–	7	7	–	25	–
	Lossiemouth	27.1	+4	SSW	3	ir.	43	36	7	5	2	–	8	4	6	20	–
	Wick	24.5	0	SSW	6	clr	45	40	7	5	7	–	8	2	8	31	72
16	Hatston	23.8	−8	SSW	4	clr	45	42	7	5	2	–	8	4	8	35	–
	Lerwick																
17	Blacksod Point †	22.3	−12	S'W	5	mo	45	41	6	5	7	–	2	1	7	21	–
18	Malin Head †	22.1	+6	S	6	1d.	50	46	7	6	2	–	8	4	–	8	–
	Aldergrove	22.3	+4	S	5	cbc	46	42	8	5	–	–	5	5	–	25	–
		21.6	+2	S	5	c	45	38	7	5	7	5	6	1	4	35	–
19	Cas Archdale	30.9	+6	SE	2	c	42	29	7	5	–	–	8	8	–	35	–
	Birr Castle †	21.5	+2	S	1	bc	47	45	8	–	–	5	4	0	–	–	–
20	Collinstown †	23.5	+2	S	2	2o	46	35	6	5	4	–	5	2	–	4	–
	Rineanna †	21.7	+2	SE'S	4	cbc	47	43	7	5	4	6	5	1	–	40	–
	Valentia †	21.3	+6	S'E	5	c	51	44	8	2	–	–	8	8	–	28	–
	Roches Point †	22.6	+6	S'W	4	bc	50	46	8	5	–	–	5	4	4	25	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. Low. A. (31)	Height of Base Hundreds of feet. Low. B. (32)	State of Ground. 21h. + 0–9 (33)
37.7	+10	N'W	1	f	37	34	3	–	–	–	0	0	0	–	–	1
37.4	+10	–	0	f	34	31	3	–	–	–	0	0	0	–	–	0
37.2	+10	NW'W	2	c	42	34	7	5	–	–	7	7	–	25	–	1
37.5	+10	NE	1	m	43	35	4	5	–	–	5	5	–	35	–	0
37.2	+10	NNE	2	mo	35	33	5	–	–	–	0	0	0	–	–	0
37.0	+12	N'E	3	b	36	33	7	–	7	–	2	2	–	–	–	1
37.3	+10	N'W	2	mo	43	37	6	5	–	–	7	4	7	20	40	1
37.7	+10	N'E	1	b	36	32	7	5	–	–	2	2	–	40	–	1
37.1	+6	–	0	mo	40	36	6	5	–	–	5	5	–	40	–	0
37.3	+12	NW	2	mo	42	36	5	5	7	–	6	3	4	09	72	0
37.4	+8	–	0	f	39	38	3	5	–	–	8	8	–	29	–	1
36.8	+6	SSW	2	f	39	39	3	5	–	–	8	8	–	32	–	1
36.5	+6	SE	2	f	39	39	3	–	–	–	8	4	8	13	15	1
37.3	+30	–	0	mo	37	32	6	–	3	–	4	4	–	–	–	1
37.5	+10	WSW	2	2o	40	33	6	5	–	–	8	8	–	22	–	1
37.6	+8	–	0	c	40	32	7	5	–	–	8	8	–	23	–	1
37.7	+8	W	1	mo	41	37	6	5	–	–	8	8	–	26	–	1
37.6	+6	W	1	mo	41	37	6	5	–	–	8	8	–	20	–	0
36.1	+8	SSE	2	c	43	37	7	5	–	–	7	7	–	–	–	0
35.7	+4	N'E	2	2o	40	32	6	5	–	–	3	3	–	20	–	1
38.1	+14	ESE	1	mo	37	34	6	5	3	–	4	1	4	25	40	1
37.2	+8	E	2	m	43	37	4	5	3	–	7	7	–	–	–	1
36.9	+6	SE	2	c	45	41	7	5	–	–	8	8	–	29	–	1
35.3	0	SSW	1	c	48	41	7	5	–	–	8	8	–	15	–	0
36.7	+10	NNE	2	c	46	42	8	5	–	–	7	4	–	20	40	1
35.5	+6	SSW	2	c	49	40	8	5	–	–	8	8	–	–	–	1
37.2	+10	SSE	3	mo	41	36	6	5	–	–	8	8	–	20	40	1
34.8	0	SSW	4	c	50	46	7	5	–	–	8	8	–	25	–	1
36.0	+4	S	3	mo	42	37	6	5	–	–	8	8	–	31	–	1
34.9	+4	S	5	mo	46	43	6	5	–	–	7	3	7	8	40	0
36.5	+4	S'E	3	mo	40	36	6	5	–	–	5	5	–	31	–	1
35.8	0	S	3	m	38	33	4	5	–	–	3	3	–	20	–	1
35.6	+4	SSW	3	m	41	37	4	5	–	–	7	7	–	30	–	1
33.6	+4	S	1	m	40	36	4	5	–	–	8	8	–	20	–	1
36.2	+4	SW	2	mo	37	32	5	–	–	–	0	0	0	–	–	1
36.7	+6	WSW	2	f	40	38	3	–	–	–	0	0	0	–	–	0
35.1	0	SSE	2	m	35	33	4	–	7	–	4	4	–	–	–	1
33.4	−2	W	2	mo	39	33	6	5	–	–	4	4	–	14	–	1
33.0	+2	SSW	2	m	35	32	4	–	–	–	3	3	–	–	–	1
30.3	0	SW'S	6	mo	42	37	6	5	–	–	8	8	–	25	–	0
30.3	−2	W	3	ir.	44	40	6	5	–	–	8	8	–	28	–	1
29.5	−2	WSW	5	0	46	40	7	–	7	–	8	–	–	–	–	*
31.3	+2	SW	4	ir.	46	42	6	5	–	–	8	7	–	40	–	1
31.6	+4	SSW	3	c	47	40	7	5	7	–	8	4	5	30	–	1
33.6	−4	SSW	2	cbc	45	42	7	5	3	–	5	4	3	35	–	1
33.1	0	SSW	3	mo	41	39	6	5	–	–	8	8	–	–	–	1
33.6	+4	SW'S	2	b	42	41	8	5	–	–	2	2	–	20	–	0
27.2	+8	S'W	5	mo	49	46	6	5	–	–	8	8	–	15	–	1
23.3	+8	SSW	6	do.	49	49	4	6	–	–	8	8	–	02	–	1
22.6	+10	SSW	7	ir.	50	50	6	5	–	–	8	8	–	10	–	1
20.1	+22	SW	7	rr	49	47	8	6	–	–	8	8	–	–	–	1
27.0	0	SE	3	pr.	42	37	5	5	–	–	8	8	–	10	–	1
27.6	0	SSW	2	mo	46	40	5	5	2	–	8	2	8	35	–	1
26.6	+4	SSW	3	RR	43	41	6	6	–	–	8	8	–	10	–	1
26.4	+8	SW	4	c/r	46	43	7	6	–	–	8	6	–	25	–	1
23.8	+8	SSW	4	c/r	45	42	7	–	7	–	8	8	–	57	–	1
22.8	+2	SSW	4	c/r	46	45	7	5	2	–	8	8	–	23	–	1
19.7	−6	SSW	6	ir.	46	46	7	6	2	–	8	8	–	08	15	1
27.9	+6	S	6	1d.	51	49	7	6	–	–	8	8	–	8	–	1
27.5	+4	S	4	ir.	46	39	8	5	2	–	8	4	–	15	–	1
31.7	+4	SE	4	c	44	40	7	5	7	–	7	4	4	40	57	1
30.7	+4	SSE	3	c	45	42	7	5	–	–	8	3	8	25	40	1
31.7	+4	S	1	c	48	41	8	6	–	–	8	5	–	25	–	1
33.7	+6	SW'S	3	mo	42	38	6	5	2	–	4	4	–	–	–	1
31.9	+7	SE	4	c	47	43	7	5	–	–	7	7	–	36	–	1
31.2	+8	S'E	5	ir.	51	47	7	5	–	–	8	8	–	18	–	1
33.1	+4	SSW	4	c	51	47	8	5	–	–	6	6	–	15	–	1

OBSERVATIONS during DAY (10th)

Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
bfxbcmo	bmfx	45	1.3	–
bmofbcz	bczobf	45	3.6	–
cmobczo	bzbfx	45	2.9	–
cbcbzo	bbcc	46	2.6	–
bcmo	bmobcmocm	46	4.9	–
cmobcmo	bmo	46	5.7	–
bccmoczo	bcb	45	3.1	–
bcc	ccmo	46	0.8	–
czo	bcb	47	3.5	0.3
czo	cxzocmo	46	2.2	–
cmcb	bc	45	0.0	–
cf	cf	42	0.0	–
cmoofcm	cmocmcf	44	0.0	–
cmfbFcf	cf	41	0.9	–
ofom	cmbcmo	47	1.6	–
oFCf	cfmozo	41	0.0	–
cmofmo	ccmoc	42	0.1	–
cmof	cfcmccmo	43	0.0	–
cmo	czocmo	43	0.0	–
c	c	44	0.0	–
cmo			*	
bc	bczo	45	*	–
bcexcfgcmo	cogmojfbcmo	43	1.0	TR
cmowcz	czczocmo	45	2.7	–
ccmoc	c	45	0.6	–
co	co	49	0.0	–
c	c	48	0.0	–
c	c	49	0.0	–
cmocmo	ccmo	43	0.1	–
cfbm	cfbm	43	0.7	–
cfbcm	bf	43	0.7	–
bmoxcm	btm	37	0.6	–
cff	cffbcmo	41	*	–
bccbc	bcbcmo	41	0.0	–
bcmocgmo	cgmo	45	*	–
bmocmo	cmoir.	45	0.0	0.2
bcc	co	*	*	*
bcmowcmo	ciromo	47	0.0	0.5
c	c	48	*	TR
c	c	48	*	–
cmo	comocmo	42	0.0	–
f	cb	47	0.0	–
cciroc	cocmo	50	0.0	0.5
irorrmoddm	oddmoddm	49	*	7
cdocmo	cmocmor.	51	0.0	0.6
rr	rr	50	*	2
		43	0.0	2
cmo	cmo	46	0.1	1
cmo	cmrrrr	52	*	1
ciro	rrroc	47	0.0	TR
ciroc	croroirc	47	0.0	4
bcciroc	cciromoc	49	0.0	3
crcmo	cmociromo	48	0.0	1
ido	oid.	51	*	2
c	cir	46	0.0	2
bcmoc	c	47	0.8	–
bcmocmoc	c	48	0.0	–
bccbc	ccc	49	1.3	–
c	bc	48	4.9	–
bc	c	49	0.3	–
c	ciro	52	0.0	TR
bc	c	52	*	–

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

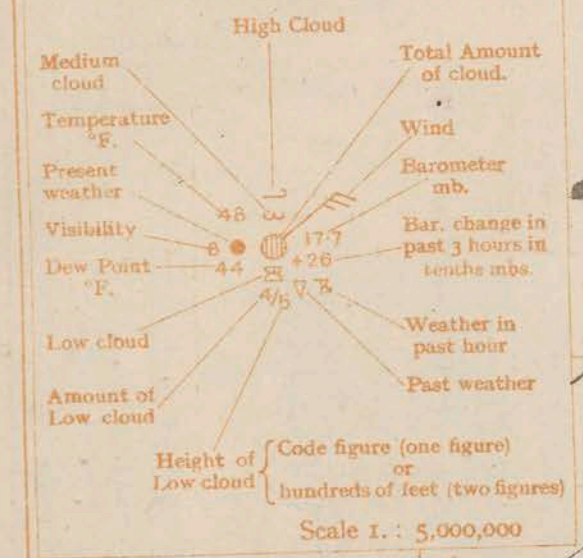
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud. ‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Thursday 11th. December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	9h %
				°F.	°F.	°F.	mm.	mm.	Yesterday		Today
Kew ...	bfxbcmo	bmfx	bFbfx	45	31	20	-	TR	1·3	*	*
Croydon ...	bmofbcz	bczobf	bfbf	45	29	24	-	-	3·6	75	97
Greenwich ...	cfzo	czob	cbxff	45	28	17	-	TR	0·5	66	98
Westminster	*	*	*	46	30	26	-	-	*	70	90
Regents Park	*	*	*								
Camden Square	c	c	*	44	31	24	-	-	*	*	94
Kensington ...	bc	bcf	*	45	31	21	-	-	*	73	96
Hampstead ...	bc	o	bcmx	43	31	24	-	-		*	89

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 8h. 11th. Max. 1·5 Time 20/22h 10th. Min. 0·1 Time 6/14h. 10th.

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

GENERAL INFERENCE

A large anticyclone will persist over the Southern part of the British Isles. There will be some fog in Southeast districts and the Midland, persistent locally, but elsewhere there will be much cloud, particularly in the North and West. Thick haze will occur near and to lee of large towns and industrial areas of Northern England and Southern Scotland. Local rain or drizzle will occur in the North and West of Scotland and in the West of North Ireland. It will be rather cold in the South and Southeast with local slight frost at night but milder in the North and West.

FURTHER OUTLOOK

Little general change.

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 11th December

1947

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

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

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

Thursday 11th December 1947 — No. 31430

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

District	Stations	Height above M.S.L. in feet (1)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16			*	*	*	36	*	*	*	*	*	*	*	*	*	
	Croydon	217	38.2	- 2	-	0	bf	32	30	2	.	-	-	0	0	0	.	-
	S. Farnborough	226	38.4	- 2	-	0	m	32	31	4	5	-	-	7	7	0	28	-
	Boscombe Down	417	38.0	- 2	NNW	1	c-bc	39	36	-	5	-	-	5	5	0	28	-
	Calshot	8	38.6	+4	N	1	mo	38	33	-	5	-	-	2	2	-	30	-
	Tangmere	53	37.4	- 6	N	2	m	31	30	4	-	-	-	0	0	0	-	-
	Lympne	341	37.5	+2	-	0	c	40	34	7	5	-	-	8	8	0	20	40
	Manston	140	38.2	+2	SE	1	mo	41	38	6	5	-	-	7	2	7	20	40
2	Shoeburyness	11																
	Felixstowe	10	37.1	- 6	-	0	mo	41	36	6	5	-	-	8	8	0	35	-
	Gorleston	5	37.7	- 4	W	2	zo	40	24	6	5	-	-	3	3	-	10	-
	Mildenhall	15	37.5	- 6	-	0	c-bf	35	35	2	5	-	-	5	5	-	31	-
	West Raynham	250	37.0	- 6	SSW	2	f-	36	35	3	5	-	-	8	8	-	31	-
	Waddington	235	36.2	- 6	SE	3	m	37	34	4	-	-	-	8	8	0	-	-
3	Cranfield	340	37.6	- 2	WSW	1	mo	37	32	6	5	-	-	8	8	-	32	-
	Honiley	427	37.2	- 6	S	2	mo	36	33	6	-	-	-	0	0	0	-	-
4	Little Rissington	731	37.8	- 6	SSW	1	mo	35	20	6	-	-	-	0	0	0	-	-
	Defford	58	37.9	- 4	-	0	mo	35	32	6	-	-	-	4	4	0	30	-
5	Bristol	209	37.7	- 6	ESE	1	b	36	33	7	-	-	-	8	8	1	-	-
	Hartland Point	299	36.4	0	SSE	3	c	42	36	7	5	-	-	8	8	1	-	-
	Yeovilton	50																
	Portland Bill	32	36.8	+4	E'N	2	bc	42	32	6	5	-	-	4	4	-	15	-
	Exeter	100	38.7	+8	ENE	1	mo	34	33	5	4	4	-	4	4	-	40	-
	Plymouth	86	37.9	+2	-	0	m	41	38	5	5	-	-	7	4	7	30	-
	St. Eval	345	37.7	+2	SE	3	c	44	41	7	5	-	-	8	8	-	36	-
	Lizard	240	36.8	+6	SE	1	c	48	40	7	5	-	-	8	8	-	15	-
	Guernsey	340	37.6	0	-	0	c	44	39	8	5	-	-	8	8	4	25	40
	Scilly, St. Marys	163	36.1	+2	SW	2	c	50	43	8	5	-	-	8	8	-	-	-
6	Fairwood	268	37.6	+2	SE	2	mo	41	37	6	5	-	-	8	8	-	30	-
	Pembroke	142	36.0	0	W	4	c	50	42	6	5	-	-	8	8	-	30	-
	Aberporth	425	36.4	- 2	S'W	3	mo	41	37	6	5	-	-	8	8	-	40	-
7	Holyhead (Valley)	32	34.9	- 2	SSW	4	o	47	44	6	5	-	-	8	3	8	10	15
	Hawarden	15	36.1	- 4	SE	2	mo	41	37	5	5	-	-	8	8	-	38	-
8	Manchester	230	35.9	0	S	4	mo	39	35	6	5	-	-	8	8	-	40	-
	Squires Gate	33	35.3	- 2	SSE	3	mo	41	38	6	5	-	-	8	8	-	35	-
	Carlisle	100	32.8	+2	S	2	m	40	37	4	6	-	-	3	3	-	30	-
9	Finningley	28	36.0	- 4	SSW	3	m	36	32	4	-	-	-	0	0	0	-	-
10	Spurn Head	29	36.0	- 8	SW'W	4	mo	38	35	5	4	-	-	4	4	0	-	-
	Leeming	105	34.8	- 6	S	2	m	34	32	4	-	-	-	0	0	0	-	-
	Tynemouth	108	33.2	- 4	W	2	m	37	34	4	5	-	-	7	7	-	12	-
	Acklington	138	32.4	- 2	W	4	mo	45	38	6	-	-	-	8	7	-	-	-
11	St. Abb's Head	280	29.8	- 6	SW'S	6	q	43	43	6	5	-	-	8	8	-	26	-
	Leuchars	31	29.5	- 6	SW	5	cvo	45	44	6	5	-	-	8	8	-	28	-
	Bell Rock	—	28.5	- 6	W'S	7	vr	46	42	6	5	2	-	8	8	-	25	-
12	Renfrew	35	31.5	+6	SW	4	cvo	47	44	6	5	-	-	8	3	8	25	40
	Prestwick	30	31.4	0	S'W	2	cvo	47	43	6	5	-	-	8	4	8	24	57
	Wigtown	19	33.0	- 2	SW	2	c	47	44	8	5	-	-	8	8	-	35	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	33.2	- 4	SSW	2	b	41	39	8	5	-	-	1	1	-	30	-
			27.4		SSW													
13A	Tiree	44	27.0	+2	~~NW~~	5	mo	50	46	6	5	-	-	8	6	8	12	25
	Benbecula	27	24.8	+6	SSW	5	dodo	49	49	6	6	-	-	8	8	-	3	-
13B	Stornoway	12	23.6	+2	SSW	5	cvr	51	51	6	5	-	-	8	8	-	15	-
	Cape Wrath	367	22.2	+8	SW	6	cR	49	49	1	-	-	-	9	9	-	-	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						43										
	Rattray	46	26.5	- 6	S	3	mo	44	42	6	5	-	-	8	8	-	20	-
	Lossiemouth	21	26.2	-10	SW	4	c	47	45	7	-	2	-	8	4	8	25	-
	Wick	114	25.0	+6	SSW	3	cv	48	45	7	-	2	-	8	8	-	41	-
16	Hatston	45	24.2	+10	SW	4	dodo	48	48	6	5	-	-	8	4	8	3	15
	Lerwick	269	20.9	+10	WSW	6	dodo	48	48	6	5	-	-	8	4	8	6	-
17	Blacksod Point †	18	28.3	+2	NNW	5	ido	52	50	6	6	-	-	8	8	-	8	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	31.5	- 2	S'W	4	c	45	42	7	5	-	-	8	8	-	31	-
	Cas. Archdale	225	30.5	- 6	SSE	3	c	46	43	7	5	-	-	8	8	-	25	-
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	33.6	- 2	S'W	3	c	47	39	7	5	-	-	8	8	-	30	-
20	Rineanna †	13	32.2	+2	SSE	3	c	47	45	7	5	-	-	8	8	-	38	-
	Valentia †	30	32.2	+6	S	4	½o	51	40	7	5	-	-	8	8	-	12	-
	Roches Point †	22	33.9	+4	SSW	4	c	51	49	8	5	-	-	8	8	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

OBSERVATIONS at 06hr. G.M.T. 11th December

Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
Kew	37.8	-4	SW	1	bf	32	31	2	-	-	-	0	0	0	-	-	3
Croydon	37.8	-2	S	2	bf+	30	29	2	-	-	-	0	0	0	-	-	3
S. Farnborough	37.9	-6	-	0	bf-	28	27	3	-	-	-	0	0	0	-	-	3
Boscombe Down	37.5	-2	ENE	2	b	31	30	7	5	-	-	2	2	-	40	-	0
Calshot	37.7	-6	-	0	mo	32	32	5	-	-	-	0	0	0	-	-	0
Tangmere	37.0	-2	NNE	2	m	30	30	4	-	-	-	0	0	0	-	-	0
Lympne	37.6	+2	NW'N	1	mo	33	32	6	-	-	-	0	0	0	-	-	1
Manston	37.8	0	W'S	1	mo	37	36	6	-	-	-	0	0	0	-	-	1
Shoeburyness	37.6	0	W'N	2	mo	37	29	6	-	-	-	0	0	0	-	-	3
Felixstowe	36.7	+2	NW'N	1	mo	37	34	6	-	-	-	0	0	0	-	-	0
Gorleston	36.2	-12	W	2	mo	35	33	5	5	-	-	3	3	-	5	-	0
Mildenhall	36.1	-10	W	1	mo	34	31	5	-	-	-	0	0	0	-	-	3
West Raynham	35.3	-14	SW	3	mo	34	32	5	-	-	-	0	0	0	-	-	1
Waddington	34.7	-12	SE	3	m	37	34	4	5	-	-	8	8	-	47	-	1
Cranfield	37.6	-6	WSW	2	mo	35	31	6	5	-	-	8	8	-	40	-	1
Honiley	36.3	-6	SSW	3	c	37	33	7	5	-	-	8	8	-	32	-	1
Little Rissington	37.2	-6	W'S	3	mo	37	31	6	5	-	-	6	6	-	26	-	1
Defford	36.7	-6	S	2	mo	38	34	6	5	-	-	8	8	-	40	-	1
Bristol	37.3	-2	SE	1	c	37	34	7	5	-	-	8	8	-	34	-	1
Hartland Point	36.1	-4	SSE	2	c	44	39	7	5	-	-	8	8	-	25	-	0
Yeovilton	37.1	-8	-	0	mo	32	32	6	5	-	-	8	8	-	-	-	0
Portland Bill	36.1	-8	E'S	2	bc	42	34	6	5	-	-	4	4	-	20	-	1
Exeter	37.9	0	NE	1	m	35	32	4	5	-	-	6	6	-	38	-	1
Plymouth	37.2	-6	-	0	m	41	39	4	5	-	-	8	8	-	30	-	1
St. Eval	36.9	-6	SSE	2	mo	45	42	6	5	-	-	8	8	-	38	-	1
Lizard	36.4	-4	SE'S	1	c	48	44	7	5	-	-	8	8	-	20	-	0
Guernsey	36.7	-10	NE	1	bbc	44	37	8	5	7	-	3	3	-	25	-	1
Scilly, St. Marys	35.9	-6	W	2	c	48	39	8	5	-	-	8	8	-	25	-	1
Fairwood	36.7	-8	E	1	mo	41	37	6	5	-	-	8	8	-	40	-	1
Pembroke	35.6	-6	SW'W	4	c	51	45	7	5	-	-	7	7	-	25	-	0
Aberporth	35.8	-4	S	3	mo	42	39	6	5	-	-	8	8	-	43	-	1
Holyhead (Valley)	34.2	-6	SSW	4	c	45	42	7	5	-	-	8	8	-	20	-	0
Hawarden	35.3	-2	S	1	mo	39	38	6	5	-	-	6	6	-	35	-	1
Manchester	34.5	-8	SW	3	mo	40	35	6	5	-	-	5	5	-	40	-	1
Squires Gate	34.6	-4	S	3	mo	40	38	6	5	-	-	3	3	-	40	-	1
Carlisle	31.3	-14	SW	3	mo	47	45	6	5	-	-	8	8	-	30	-	1
Finningley	34.4	-10	SW	3	bf+	39	35	3	-	-	-	0	0	0	-	-	0
Spurn Head	34.2	-14	W'S	4	mo	36	35	4	-	-	-	0	0	0	-	-	3
Leeming	33.0	-12	SE	3	m	34	32	4	-	-	-	0	0	0	-	-	3
Tynemouth	31.8	-10	W	2	mo	38	36	6	5	-	-	8	8	-	15	-	1
Acklington	31.0	-8	WSW	3	mo	45	41	6	5	-	-	8	8	-	33	-	1
St. Abb's Head	29.2	-4	W	3	bc	45	43	7	4	-	-	4	4	-	20	-	1
Leuchars	29.1	-6	SW	3	mo	45	43	6	5	-	-	4	4	-	20	-	1
Bell Rock	28.2	-4	W'S	5	c	47	43	7	7	-	-	6	4	-	25	-	*
Renfrew	30.2	-8	WSW	5	ido	47	45	6	5	-	-	8	4	8	35	40	1
Prestwick	30.7	-2	SW	4	mo	48	46	6	5	-	-	8	8	-	8	-	1
Wigtown	32.4	-4	WSW	3	ido	47	45	7	5	-	-	8	8	-	8	-	1
Eskdalemuir	31.4	-8	SW	3	mo	44	43	6	5	-	-	8	8	-	6	-	1
Point of Ayre	32.4	-8	WSW	4	bbc	47	43	8	5	-	-	3	3	-	25	-	1
Tiree	26.7	-6	SSW	4	dd	51	50	6	5	-	-	8	8	-	10	-	1
Benbecula	24.4	-6	SSW	5	dodo	49	49	5	5	-	-	8	8	-	2	-	1
Stornoway	23.7	-2	SSW	5	mo	50	50	6	5	-	-	8	8	-	20	-	1
Cape Wrath	23.3	+10	SW	6	rr	48	48	6	6	-	-	8	8	-	8	-	2
Aberdeen	27.1	-2	WSW	2	b	42	40	7	5	-	-	2	2	-	25	-	1
Rattray	26.0	-2	-	0	bc	41	39	7	5	-	-	4	3	-	30	-	0
Lossiemouth	26.1	-8	WSW	5	bbc	47	43	7	5	-	-	3	3	-	25	-	1
Wick	24.7	+2	SSW	2	ebc	48	45	8	5	4	-	5	4	4	21	-	1
Hatston	29.5	+6	WSW	5	ido	50	48	6	5	-	-	8	8	-	16	-	1
Lerwick	21.5	+2	WSW	4	dodo	48	48	2	5	-	-	8	8	-	2	-	1
Blacksod Point †	28.9	+2	SSW	2	ido	52	51	7	6	-	-	7	7	-	15	-	1
Malin Head †	29.3	+2	SSW	2	ebc	49	45	8	5	-	-	5	5	-	25	-	1
Aldergrove	31.4	+6	S	3	m	46	45	6	5	-	-	8	8	-	8	-	1
Cas. Archdale	30.8	+2	SSW	3	c	47	46	7	5	-	-	8	8	-	25	-	1
Birr Castle †	32.3	+2	S	1	c	48	46	7	5	-	-	8	8	-	15	-	1
Collinstown †	33.1	-6	SW	4	ido	47	45	8	5	-	-	8	8	-	10	-	1
Rineanna †	32.0	+2	SSE	2	c	48	46	7	5	-	-	8	8	-	25	-	1
Valentia †	32.9	0	SSE	3	dodo	51	49	7	5	-	-	8	8	-	9	-	1
Roches Point †	34.3	0	SSW	3	c	50	48	8	5	-	-	8	8	-	25	-	1

OBSERVATIONS Wednesday NIGHT

Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain mm. (43)
Kew	bfofx	bfx	31	20	Tr
Croydon	bfafbf	bfx	29	24	-
S. Farnborough	cfxxcmx	cfxbfx	25	17	-
Boscombe Down	ccmo	cbbcc	29	21	Tr
Calshot	bcmo	bmo	31	28	Tr
Tangmere	bfm	bmx	28	24	-
Lympne	bbcmoc	ccmobcbm	30	25	-
Manston	c2omo	cmobmo	33	28	-
Shoeburyness	bmo	b	30	26	Tr
Felixstowe	cmo	cmobmo	34	27	-
Gorleston	bc2o	bcmox	34	.	Tr
Mildenhall	cf	cfbcmbmo	32	24	Tr
West Raynham	cffbfff	cffbcffbm	33	27	-
Waddington	cfbcfbm	bmcm	25	31	-
Cranfield	cmdzmocmbcabbcmo		32	.	-
Honiley	c2obc2omo	cmoc	35	30	-
Little Rissington	cbcbmo	bmobcmo	35	26	-
Defford	cmobdmo	bcmocmo	34	26	-
Bristol	c2omobbc	bbccmo	33	27	-
Hartland Point	c	c	42	41	-
Yeovilton	c	cmo	28	24	-
Portland Bill	bcbcbcbc	bcbc	40	*	-
Exeter	cbcmow	bccmomo	33	28	Tr
Plymouth	cm	cm	38	37	-
St. Eval	ccmoc	ccmo	43	41	-
Lizard	o	o	47	*	-
Guernsey	bcc	bc	40	30	-
Scilly, St. Marys	c	c	48	*	-
Fairwood	cmo	cmo	40	25	-
Pembroke	cc	c	47	*	-
Aberporth	cmo	cmo	40	40	-
Holyhead (Valley)	cmoom	omocbcc	43	41	-
Hawarden	cmo	cmo	39	35	-
Manchester	bmcmcmo	cmo	38	24	-
Squires Gate	cmffmmo	cmobcmo	40	37	-
Carlisle	cmcfbm	bmcmcmo	39	35	-
Finningley	bcholbwo	bmcmbf	34	31	-
Spurn Head	bmo	bmo	38	33	-
Leeming	bwbcmx	bcmxbmx	33	31	-
Tynemouth	bcmocm	cmomo	36	34	-
Acklington	bcmom	bcmocmo	39	33	-
St. Abb's Head	cdmo	cmoidbc	35	*	0.5
Leuchars	crrmo	crrmobc	44	42	!
Bell Rock	orr	Rc	*	*	*
Renfrew	cmobbcmo	cirobcmo	46	44	Tr
Prestwick	ciromo	ciromo	46	42	Tr
Wigtown	bcc	bcoido	43	43	0.2
Eskdalemuir	c	cmo	41	39	Tr
Point of Ayre	b	cb	40	*	Tr
Tiree	cmo	odododmo	48	48	0.5
Benbecula	ocdoclomo	oddodmo	48	47	2.5
Stornoway	cycbcb	cidircc	48	46	1
Cape Wrath	rf	rfrr	46	43	5
Dalwhinnie			41	40	-
Aberdeen	rrorcmo	cmox	40	31	0.3
Rattray	cmcm	bbc	39	*	-
Lossiemouth	c	cbc	40	40	-
Wick	codo	oidodbc	46	43	0.2
Hatston	cvolvoddolle	cdoidmo	48	46	3
Lerwick	cvoodolloo	ododdoff	47	43	1
Blacksod Point †	d	d	48	*	3
Malin Head †		c	45	*	-
Aldergrove	coc	cidododcm	44	43	0.1
Cas. Archdale	c	c	45	43	-
Birr Castle †		r	45	44	1
Collinstown †	c	d	39	32	Tr
Rineanna †	c	c	44	43	0.1
Valentia †	r	d	50	48	4
Roches Point †	c	c	50	*	-

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

THE DAILY WEATHER REPORT.

BRITISH SECTION

OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 12th December 1947

No. 31431

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

Durrance.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp °F. (6)	Dew Point °F. (7)	Visibility. o-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. o-9 (12)	Amount. Low. A. o-9 (13)	Amount. Low. B. o-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	37·1	-6	SW'W	2	cf	39	34	2	5	-	-	7	7	-	31	-
	Croydon	37·4	-4	S	2	m	38	31	4	5	-	-	7	7	-	40	-
	S. Farnborough	37·4	-6	S	2	m_o	37	35	6	5	-	-	7	7	-	38	-
	Boscombe Down	37·1	-2	-	0	m	38	35	4	5	-	-	7	3	7	20	25
	Calshot	38·0	+2	-	0	f	40	38	3	-	3	-	7	7	-	-	-
	Tangmere	36·9	-4	NW	2	m	42	34	4	-	4	-	7	7	-	-	-
	Lympne	37·0	-4	WSW	2	m_o	38	33	6	-	7	2	6	3	6	-	-
	Manston	37·5	0	WSW	1	m_o	41	35	6	-	3	8	5	3	5	-	-
2	Shoeburyness	37·1	-6	-	0	m	39	36	4	-	5	-	5	5	-	-	-
	Felixstowe	36·4	-2	WNW	1	m	38	33	4	-	5	-	5	5	-	-	-
	Gorleston	34·9	-8	W	2	m_o	40	35	5	5	7	-	4	3	3	10	72
	Mildenhall	36·8	-6	W	2	m_o	39	35	5	5	-	-	8	8	-	35	-
	West Raynham	34·8	-6	SSW	3	m_o	37	35	5	5	-	-	8	8	-	35	-
	Waddington	34·2	-4	SW	3	m	39	37	4	-	7	2	6	3	3	-	-
3	Cranfield	36·0	-2	SW	2	7_o	40	33	5	5	-	-	7	7	-	40	-
	Honiley	35·6	+2	SW	2	m_o	41	37	6	5	-	-	8	4	5	35	-
4	Little Rissington	36·6	-2	SW'W	3	C	41	35	7	5	-	-	8	8	-	45	-
	Defford	36·5	-2	SSW	3	m_o	42	37	6	5	-	-	7	7	-	30	-
5	Bristol	37·1	-4	W	1	m_o/f	43	38	5	5	-	-	7	7	-	33	-
	Hartland Point	36·6	0	SW	3	C	47	40	7	5	-	-	7	7	-	28	-
	Yeovilton	36·9	0	-	0	m_o	39	37	6	5	-	-	8	8	-	35	-
	Portland Bill	36·3	-2	-	0	m_o	46	41	6	5	-	-	8	8	-	10	-
	Exeter	38·0	+2	E	1	C	40	39	7	5	-	-	8	8	-	40	-
	Plymouth	37·9	0	-	0	m	44	42	7	5	-	-	8	8	-	35	-
	St. Eval	37·6	+2	S	3	C	47	43	7	5	-	-	8	8	-	47	-
	Lizard	31·1	0	SS	2	C	49	41	8	5	-	-	8	8	-	20	-
	Guernsey	37·0	-6	NE'N	2	2_o	47	38	6	-	-	8	4	4	-	-	-
	Scilly, St. Marys	37·0	+2	SW'W	2	C	51	41	8	5	-	-	8	8	-	25	-
6	Fairwood	37·2	+2	-	0	m_o	43	40	5	5	-	-	7	7	-	25	-
	Pembroke	36·8	+10	W	4	C	51	49	7	5	-	-	8	8	-	25	-
	Aberporth	36·0	-4	SSW	3	C	45	41	7	5	2	-	8	4	8	40	-
7	Holyhead (Valley)	34·7	0	SSW	3	C-bc	51	49	7	5	-	-	5	5	-	40	-
	Hawarden	35·4	-6	WSW	2	C-bc	45	44	8	5	-	-	5	5	-	30	-
8	Manchester	34·6	0	S'W	2	m_o	44	40	5	5	-	-	8	8	-	40	-
	Squires Gate	34·3	-2	W'S	3	m_o	48	46	6	5	-	-	8	4	8	35	-
	Carlisle	32·2	+2	SW	3	$d_o d_o$	48	47	6	5	7	-	8	5	8	05	15
9	Finningley	34·0	-2	SW	2	m	44	39	4	5	7	-	7	5	3	35	-
10	Spurn Head	33·7	-6	WSW	4	m	41	40	4	5	-	-	4	4	-	-	-
	Leeming	32·7	-10	ESE	2	m	37	25	4	5	-	-	7	7	-	15	-
	Tynemouth	31·6	-2	W	2	m_o	50	44	6	5	3	-	6	4	3	18	57
	Acklington	30·8	-2	W	4	C-bc	49	45	7	5	3	-	5	5	2	15	-
11	St. Abb's Head	29·5	0	W	3	C	50	46	7	4	-	-	7	7	-	12	-
	Leuchars	28·7	+2	W	4	m_o	50	46	7	-	4	2	5	3	5	-	-
12	Bell Rock	28·6	-6	W'S	5	C-bc	48	45	7	-	4	6	5	-	-	-	-
	Renfrew	31·3	+6	WSW	3	m_o	50	48	5	5	-	-	8	4	8	12	25
	Prestwick	31·2	0	SW'S	3	m_o	49	47	6	5	-	-	8	4	6	07	15
	Wigtown	32·9	+4	W	2	C	49	48	7	35	-	-	8	6	8	07	25
	Eskdalemuir	31·4	+4	SW'S	4	m	46	45	4	5	-	-	8	8	-	-	-
	Point of Ayre	32·9	+6	W	4	C	50	49	7	5	-	-	7	4	7	10	15
13A	Tiree	28·5	+2	SW	3	id_o	51	51	6	5	-	-	8	8	-	02	-
	Benbecula	26·2	+10	SW	4	id_o	50	49	6	5	3	-	7	5	7	02	-
13B	Stornoway	25·2	+8	SSW	5	C-bc	49	48	7	5	3	1	5	3	4	06	15
15	Cape Wrath	23·2	+6	SW	6	C/P	48	48	7	6	-	-	8	8	-	08	-
	Dalwhinnie																
	Aberdeen	27·2	-2	SE	1	Cf+	46	43	2	-	-	-	7	7	-	-	-
	Rattray	26·0	+2	-	0	b-bc	44	41	7	-	-	-	3	3	-	35	-
	Leasiemouth	26·5	0	SW	4	bc	49	45	8	5	-	-	5	4	2	4	30
	Wick	25·0	0	SSW	3	bc	49	46	8	-	4	8	4	2	4	-	-
16	Hatston	23·9	-2	SW'W	4	C	51	49	8	6	-	-	8	4	5	20	40
	Lerwick	21·8	+6	W'S	3	m_o	48	48	6	5	-	-	8	8	-	04	-
17	Blacksod Point†	31·1	+16	SW'S	3	m_o	52	52	6	6	2	-	8	4	-	08	-
18	Malin Head †	29·5	+4	S	2	C	51	49	8	5	-	-	6	4	-	15	-
	Aldergrove	32·5	+2	SW	3	m_o	48	47	6	5	-	-	8	4	8	04	08
	Cas Archdale	32·3	+2	S	2	id_o	50	49	7	5	-	-	8	3	8	04	08
19	Birr Castle … †	33·2	-2	SW	1	C	50	48	7	6	2	-	8	5	-	15	-
20	Collinstown †	34·2	+6	SW'W	4	C	49	47	7	5	7	-	7	7	-	09	-
	Rineanna †	34·7	+14	S'W	2	C	50	48	7	5	7	-	7	7	-	22	-
	Valentia … †	34·9	+10	S'E	3	C/r	52	48	8	5	7	4	7	7	-	40	-
	Roches Point †	35·9	+6	WSW	2	1_o	51	49	8	5	7	-	6	3	-	15	-

† Birr Castle reports at 1500. Maximum temperature and rainfall read at 1800.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. o-9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. o-9 (28)	Amount. Low. A. o-9 (29)	Amount. Low. B. o-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. + o-9 (33)
36·2	+2	S'W	2	cf	41	36	3	5	-	-	8	8	-	25	-	1
35·4	-4	SSW	1	m_o	41	36	5	5	-	-	8	8	-	31	-	0
35·6	0	W'S	2	m_o	41	37	5	5	-	-	8	8	-	35	-	1
35·7	0	SSW	2	m_o	41	39	5	5	-	-	7	7	-	35	-	0
36·4	+2	WNW	1	m	42	38	4	5	-	-	8	8	-	45	-	0
35·4	-4	-	0	m	41	37	4	5	-	-	8	8	-	37	-	0
34·9	-14	NW'W	1	m_o	39	35	5	5	-	-	8	8	-	27	-	1
35·3	-6	SW	1	m	40	36	4	5	-	-	8	7	-	41	-	1
34·7	-6	W'S	2	m	41	36	4	5	-	-	8	8	-	30	-	1
33·9	-6	W'N	2	f	41	36	3	5	-	-	9	9	-	0	-	1
32·8	-2	W	2	m_o	41	38	6	5	-	-	6	5	-	10	-	0
33·6	-6	SW	2	m_o	41	38	5	5	-	-	8	8	-	30	-	1
33·0	-6	SW	3	m	41	39	4	5	-	-	6	6	-	25	-	1
32·4	-4	SSW	4	cf	42	40	3	5	-	-	8	6	4	19	-	1
34·3	-2	WSW	3	m_o	41	37	5	5	-	-	8	8	-	35	-	0
34·2	-2	SW	2	m_o	42	40	5	5	-	-	8	8	-	25	-	0
35·0	-4	W	3	m_o	43	38	6	5	-	-	6	4	8	30	40	1
35·0	0	S	2	m_o	43	40	5	5	-	-	8	8	-	40	-	1
35·5	-2	WNW	2	m_o	44	41	5	5	-	-	8	8	-	35	-	1
35·4	+2	NW	2	C	50	43	7	5	-	-	7	7	-	-	-	1
35·9	+2	-	0	m	35	35	4	-	7	-	2	2	-	-	-	
34·7	-2	WNW	2	2_o	47	40	6	5	-	-	8	8	-	10	-5	1
36·8	0	NE	1	m	42	40	4	5	-	-	8	3	8	30	40	0
37·0	+2	-	0	ft	46	43	2	-	-	-	9	9	-	0	-	0
36·9	+2	-	0	m_o	46	43	6	5	-	-	6	6	-	43	-	1
36·6	0	SW'W	1	c	48	43	7	5	-	-	8	8	-	15	-	1
36·7	+2	-	0	m_o	43	39	5	7	-	-	4	3	4	20	40	0
36·1	+2	-	0	C	48	39	8	5	-	-	7	7	-	-	-	1
35·9	-2	-	0	m_o	44	42	5	5	-	-	7	7	4	20	40	1
35·2	-4	W'N	4	C	51	51	7	5	-	-	8	8	-	30	-	0
35·3	+2	W'S	2	m_o	48	48	6	5	-	-	8	4	7	18	40	1
34·4	+4	SW	3	m	50	50	4	5	-	-	8	8	-	6	-	1
33·8	+2	WNW	1	m_o	50	46	5	5	-	-	8	4	8	13	15	1
33·7	-2	SSW	2	dd	45	44	2	5	-	-	8	8	-	-	-	1
33·4	+2	W	3	c/d	47	46	5	5	-	-	8	2	8	2	4	1
31·3	+2	W	3	id_o	48	47	5	5	-	-	8	5	8	4	40	1
32·8	-2	SW	1	m	46	43	4	5	-	-	8	8	0	12	-	0
32·0	-6	WSW	3	m	43	43	4	-	-	-	8	0	2	-	-	1
31·9	-2	SSW	1	m	46	44	4	5	-	-	2	2	-	15	-	1
30·9	-2	W	2	m_o	49	47	6	8	-	-	8	8	-	14	-	1
30·2	+4	W	2	C	48	45	7	5	-	-	6	5	-	15	-	1
28·7	+6	W	3	C	50	46	7	5	-	-	7	5	-	15	-	0
28·5	+2	SW	3	m_o	48	46	6	5	7	-	7	2	-	-	-	1
27·9	-4	W'S	5	m_o	49	45	6	5	-	-	3	3	-	40	-	
30·4	-2	W'S	3	m_o	50	48	5	5	-	-	5	4	4	11	25	1
30·7	0	SW	3	m_o	50	48	5	5	-	-	6	3	6	4	40	1
32·2	+2	W'S	2	m_o	49	48	6	5	2	-	8	5	8	10	-	1
30·6	-2	SW'W	3	df	46	46	3	5	-	-	8	8	-	1	-	1
32·27	+2	W'S	3	C	50	49	7	5	-	-	8	8	-	10	-	0
28·7	+6	WSW	3	$d_o d_o$	51	50	5	5	-	-	8	8	-	2	-	1
26·4	+6	SW	4	C	49	49	7	5	-	-	8	4	8	10	15	1
25·0	+4	SW	5	id_o	50	48	7	5	-	-	8	5	8	15	-	1
23·0	+2	SW	6	rr	48	48	7	5	7	-	8	8	-	10	-	1
27·5	0	SE	1	C-bc	48	40	7	5	-	-	5	5	-	-	-	2
26·6	-2	SW	1	bf	45	43	2	-	4	-	2	2	-	-	-	0
25·0	-12	S	2	C-bc	45	43	7	5	-	-	8	2	-	30	-	1
25·7	-4	WSW	3	ir_o	50	48	7	5	-	-	8	8	-	25	-	0
24·1	0	W	4	C-bc	50	46	8	-	7	-	5	5	-	-	-	1
23·0	-2	S'W	5	C	50	48	7	5	2	-	8	4	8	10	-	1
20·3	-10	WSW	6	$d_o d_o$	47	47	6	5	2	-	8	8	-	5	-	1
30·5	+6	SW'W	3	dd	52	52	6	5	2	-	8	8	-	8	-	1
29·4	+6	W	2	id_o	51	49	7	5	-	-	6	6	-	15	-	1
32·5	+6	SW	3	m_o	49	49	5	5	-	-	8	5	8	2	4	1
32·5	+6	SW	3	id_o	51	50	7	5	-	-	8	8	-	8	-	1
32·6	+4	SW	1	bc	48	48	7	5	-	-	8	4	-	25	-	1
33·8	+4	WSW	3	id_o	50	48	7	5	-	-	8	8	-	12	-	1
34·9	+10	SW	3	C	49	45	7	5	-	-	8	8	-	40	-	1
34·7	+6	SE'E	3	C	51	47	8	5	-	-	8	8	-	52	-	1
35·0	+2	SSW	1	C	50	48	8	5	7	-	8	4	-	15	-	1

OBSERVATIONS at 21h. + 24h.

OBSERVATIONS during DAY (11th.)

Weather. 06h.-12h. (34)	Weather. 12h.-18h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.-21h. mm. (38)
bxbccff	cff	41	0·0	-
bccfxm	cfzfz	42	0·0	-
bcfxcm$_o$	cm$_o$	42	*	-
cm$_o$c	cmm$_o$	42	0·0	-
bcm$_o$xcmcef	cfcm	·	0·7	-
bmxbcmcm	cmcm$_o$m$_o$	42	1·2	-
bm$_o$bcm$_o$xcm$_o$	cm$_o$om$_o$	43	2·5	-
cm$_o$	cm$_o$ch	43	2·1	-
cfcm	czcm	42	0·0	-
bm$_o$wxcm	cmcfof	41	0·0	-
czbcz	02cz	42	3·3	-
bm$_o$xcm$_o$	cm$_o$	43	0·0	-
bbccm$_o$	cm$_o$cm	43	0·0	-
cm	bcmcfbcf	43	0·8	-
cm$_o$	cm$_o$	42	0·0	-
cz$_o$	cm$_o$	45	0·4	-
cm$_o$c	ccz$_o$m$_o$	44	0·0	-
cm$_o$	cm$_o$	44	0·5	-
cm$_o$c-fcm$_o$	cm$_o$bz$_o$cm$_o$	46	2·0	-
C	C	50	0·0	-
CO	bcm$_o$		*	
coz.	0z$_o$	49	*	-
cmwjfc	ccm	43	0·0	-
cmcFcm	cmF	46	0·0	-
cm$_o$c	ccm$_o$	47	0·0	-
O	0ir$_o$0	49	0·0	TR
cbc	bcm$_o$	48	5·1	-
C	C	51	0·0	-
cm$_o$	cm$_o$	45	0·0	-
C	C	56	0·0	-
cm$_o$c	ccir$_o$cm$_o$	49	0·0	TR
cbc	cid$_o$m$_o$	51	0·0	1
cm$_o$	cm$_o$	52	0·0	TR
cm$_o$	cid$_o$m$_o$ofdd	46	0·0	2S
cm$_o$mm$_o$cid$_o$d$_o$d$_o$dfmc		49	0·0	1
cm$_o$cd$_o$d$_o$m$_o$	cd$_o$d$_o$m$_o$id$_o$	49	*	0·2
bmcm	cm	48	0·3	-
bmbcm	bcm	44	2·4	-
cfcm	cbcbm	48	1·4	-
cmcm$_o$	cm$_o$om$_o$	50	*	-
c	cbcc	49	0·0	-
c	c	51		
bccm$_o$	cm$_o$bm$_o$	51	2·4	TR
bcc	bc			
cd$_o$d$_o$cm$_o$	cm$_o$id$_o$	52	0·0	TR
cm$_o$id$_o$cm$_o$	cid$_o$cm$_o$	51	*	TR
cd$_o$d$_o$cm$_o$	cm$_o$	50	*	TR
fid$_o$cm	df	17	0·0	0·6
fid$_o$c	cd	53	0·0	TR
cod$_o$id$_o$m$_o$	od$_o$d$_o$m$_o$	51	0·0	0·4
d$_o$d$_o$oid$_o$	cid$_o$m$_o$c	50	*	0·4
cm$_o$c	cbccd$_o$	51	2·0	2
dfjp	cr$_o$rr	51	*	4
	c	49	0·0	-
bbcmcf	cbcbff	50	0·4	-
bc	c	48	*	-
cbc	bcir$_o$c	51	0·0	1
cbc	bcc	52	3·7	TR
cd$_o$d$_o$m$_o$c	cd$_o$d$_o$c	52	6·8	0·3
cd$_o$m$_o$	cm$_o$od$_o$m$_o$	50	*	3
d	odd m$_o$	53	*	0·3
c	cid$_o$	52	0·0	TR
cm$_o$cid$_o$m$_o$fcm$_o$cm$_o$ccid$_o$m$_o$cm$_o$		50	0·0	TR
ccid$_o$c	ccid$_o$	51	0·0	0·4
r	bc	51	0·0	2
roccr	oid$_o$	50	0·2	0·4
	c	51	0·0	TR
cr	cc	53	0·0	0·1
	c	52	*	1

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

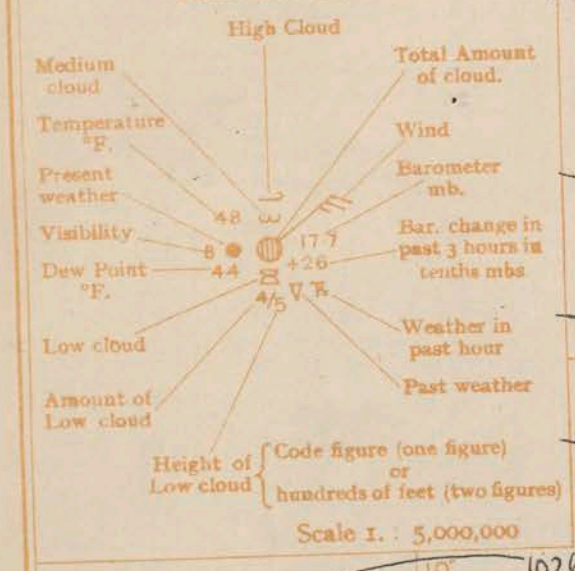
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 1/2; 5 = 7/10; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud. ‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Friday 12th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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.	Humidity 15h %	Humidity 21h %
									Yesterday		To-day
Kew ...	bxbccff	cff	qffcm₀	41	41	39	-	-	0·0	*	*
Croydon ...	bccfxm	cfxfz	cm₀cm	42	46	39	-	-	0·0	73	92
Greenwich ...	cff	cfff	cod₀fff	41	41	36	-	TR	0·0	73	88
Westminster	*	*	*	46	40	39	-		*	73	95
Regents Park	*	*	*	46	34	32	-	-		75	92
Camden Square	c	o	*	42	42	33	-	-	*	*	92
Kensington ...	cbcc	c	*	41	41	38	-	-	*	73	93
Hampstead ...	o	om	om	41	40	36	-	-	*	*	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·8 Time 9/11h Min. 0·2 Time 4/5h 12m

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

GENERAL INFERENCE

A large anticyclone centred over the Channel is drifting slowly Northwards. It will be cloudy in most places with local, mainly slight rain or drizzle, chiefly in western and northern districts. There will be some local mist or fog patches near industrial areas and hill fog over high ground.

It will be mild in northern and western districts and will become milder than of late in remaining districts.

FURTHER OUTLOOK

Continuing cloudy and mild generally. Light local rain or drizzle in northern and western districts, but mainly dry elsewhere.

Chart of Weather in the Northern Hemisphere.

Morning of

Friday 12th December,

1947

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

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— ◯ Clear sky. ◯ Sky less than 3/10 clouded. ◐ Sky 4/10 to 6/10 clouded. ◑ Sky 7/10 to 9/10 clouded. ◍ Overcast sky. ● Rain falling. * Snow. ‡ Sleet. △ Hail. ≡ Fog = Mist. T Thunder. ⅋ Thunderstorm.

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

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

- Warm Front in 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. Identifying letters are inserted on fronts and in systems.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 12th December 1947

No. 31431

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

Dist.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16		*	*	*	*	41	*	*	*	*	*	*	*	*	*	
	Croydon	217	34·5	- 4	SW	2	Mo	42	39	5	5	-	-	8	8	-	20	-
	S. Farnborough	226	34·6	-6	WSW	1	Mo	42	40	5	5	-	-	8	8	-	35	-
	Boscombe Down	417	34·6	-6	W	3	Mo	43	43	5	5	-	-	8	8	-	28	-
	Calshot	8	35·3	-4	W	1	M	46	40	4	-	-	-	8	8	-	45	-
	Tangmere	53	34·2	-10	-	0	M	41	40	4	5	-	-	8	8	-	40	-
	Lympne	341	33·8	-6	NW	2	Mo	40	37	5	5	-	-	8	8	-	35	-
	Manston	140	~~33·9~~	-6	WSW	2	M	41	38	5	5	-	-	8	8	-	40	-
2	Shoeburyness	11	33·9															
	Felixstowe	10	32	-10	NW	2	M	42	38	4	5	-	-	3	3	-	18	-
	Gorleston	5	31·8	-8	W	3	Mo	42	40	5	5	-	-	4	4	-	10	-
	Mildenhall	15	33·2	-2	WSW	2	Mo	43	41	5	5	-	-	8	8	-	16	-
	West Raynham	250	32·2	-4	WSW	3	Cf	44	42	5	5	-	-	8	8	-	34	-
	Waddington	235	32·6	0	S'W	2	Cf	42	42	7	5	-	-	8	8	-	12	-
3	Cranfield	340	33·7	-2	SW'W	1	Mo	43	40	6	5	-	-	8	8	-	10	-
	Honiley	427	34·2	+2	WSW	2	Mo	44	42	6	5	-	-	8	8	-	12	-
4	Little Rissington	731	34·0	-2	WNW	1	Mo	44	42	6	5	-	-	8	8	-	16	-
	Defford	58	34·7	-2	-	0	Mo	43	41	5	5	-	-	8	8	-	25	-
5	Bristol	209	35·3	-2	-	0	Mo	44	42	6	5	-	-	8	8	-	31	-
	Hartland Point	299	35·6	-4	NW	2	C	50	48	7	5	-	-	8	8	-	-	-
	Yeovilton	50																
	Portland Bill	32	34·8	-2	N'W	3	Mo	48	45	6	5	-	-	8	8	-	10	-
	Exeter	100	36·4	-2	-	0	Mo	44	42	5	5	-	-	8	8	-	45	-
	Plymouth	86	36·6	-4	-	0	Mo	44	42	5	5	-	-	8	8	-	30	-
	St. Eval	345	36·8	-6	-	0	Mo	45	43	5	5	-	-	8	8	-	47	-
	Lizard	240	36·6	0	N	0	C.bc	46	42	6	5	-	-	8	8	-	15	-
	Guernsey	340	35·9	-2	N'W	1	Mo	47	43	7	5	-	-	8	8	-	-	-
	Scilly, St Marys	163	36·6	-2	-	0	Mo	47	44	5	5	-	-	7	7	-	-	-
6	Fairwood	268	35·6	-4	-	0	Mo	46	45	6	5	-	-	8	7	-	35	-
	Pembroke	142	34·4	-12	-	0	C	51	51	7	5	-	-	8	8	-	25	-
	Aberporth	425	35·4	0	W'N'W	3	Cdo	48	42	6	5	-	-	8	8	-	10	-
7	Holyhead (Valley)	32	34·3	+2	SW	3	Cdo	50	50	5	5	-	-	8	8	-	15	-
	Hawarden	15	34·1	+2	NW	2	Mo	50	48	5	5	-	-	8	8	-	11	-
8	Manchester	230	33·4	0	[illegible]	2	Df	46	46	5	4	-	-	8	8	-	72	-
	Squires Gate	33	33·2	0	W	3	C	47	47	7	5	-	-	8	8	-	15	-
	Carlisle	100	31·2	-4	W	3	Mo	49	49	5	5	-	-	8	8	-	32	-
9	Finningley	28	32·2	-2	W	2	Mo	48	45	5	5	-	-	8	8	-	13	-
10	Spurn Head	29	31·5	0	W	4	M	45	45	5	5	-	-	8	8	-	-	-
	Leeming	105	30·9	-6	S	1	Mo	38	37	5	5	-	-	8	8	-	-	-
	Tynemouth	108	29·8	-8	NW	3	C.bc	50	47	7	8	-	-	8	8	-	14	-
	Acklington	138	29·6	-4	W	3	B	49	45	7	5	-	-	8	8	-	15	-
11	St. Abb's Head	280	28·4	+2	W	4	B	53	47	7	5	-	-	8	8	-	20	-
	Leuchars	31	28·0	+4	WSW	3	Mo	49	47	7	5	-	-	8	8	-	25	-
	Bell Rock	—	27·0	-4	WSW	5	C/O	49	46	7	5	-	-	8	7	-	25	-
12	Renfrew	35	30·2	+2	WNW	3	Cdo	51	49	6	5	-	-	7	3	-	12	-
	Prestwick	30	31·0	+2	SW'W	3	Cdo	50	50	4	5	-	-	8	8	-	8	-
	Wigtown	19	32·4	+4	W	3	B/d	51	49	5	5	-	-	4	4	-	10	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	32·6	+2	W'S	4	C	51	50	8	5	2	-	8	4	8	20	-
13A	Tiree	44	30·0	+8	WSW	3	C/d	50	50	5	6	-	-	8	8	-	16	-
13B	Stornoway	12	26·5	+10	SW	3	C.bc	51	50	7	5	-	-	8	8	-	15	-
	Cape Wrath	367	24·4	+12	SW	5	Rp	48	48	7	-	-	-	9	9	-	-	-
13	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	70						52										
	Rattray	46	24·7	-2	W	4	Cdo	49	44	7	8	-	-	8	8	-	15	-
	Lossiemouth	21	26·4	+6	WSW	5	Rdo	50	45	7	5	2	-	8	8	2	25	-
	Wick	114	24·4	+2	WSW	3	C	52	49	7	5	-	-	8	8	-	17	-
16	Hatston	45	22·9	+8	W	6	Rdo	50	50	5	5	-	-	8	8	-	24	-
	Lerwick	269	19·0	+8	W	6	Cdo	49	49	5	5	-	-	8	8	-	58	-
17	Blacksod Point †	18	34·0	+14	W	6	Df	51	51	6	5	2	-	8	8	-	-	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	32·2	+8	SW	3	C	49	49	6	5	-	-	8	4	8	20	8
	Cas. Archdale	225	33·5	+6	SW	3	C/d	49	40	7	5	2	-	8	4	8	10	25
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	34·5	+2	W'N	4	C	49	45	8	7	-	-	6	6	-	17	-
20	Rinesanna †	13	36·3	+8	SE'E	1	C	46	44	7	5	-	-	8	8	-	45	-
	Valentia †	30	36·0	+6	S'W	2	C	50	46	8	5	-	-	8	8	-	40	-
	Roches Point †	22	36·2	+6	SSW	1	C	50	50	8	5	7	-	8	4	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Dist.	Stations.	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0–9 (33)
1	Kew	32.7	-10	WSW	2	Mo	43	41	5	5	-	-	7	7	-	25	-	1
	Croydon	33.2	-6	WSW	2	M	45	43	4	5	-	-	8	8	8	8	8	1
	S. Farnborough	33.3	-8	WSW	1	M	44	43	4	5	-	-	8	8	-	14	-	1
	Boscombe Down	33.5	-6	WNW	2	Mo	44	43	5	5	-	-	8	7	-	49	-	0
	Calshot	33.9	-6	W	2	Mo	43	42	6	5	-	-	8	7	-	49	-	0
	Tangmere	32.9	-6	-	0	M	43	42	4	5	-	-	7	5	-	20	-	0
	Lympne	32.2	-8	NW'N	2	M	41	41	4	5	-	-	8	8	-	14	-	1
	Manston	32.3	-6	WNW	2	M	41	41	4	5	-	-	8	8	-	30	-	1
2	Shoeburyness	32.1	-4	WNW	2	Mo	46	43	6	5	-	-	8	8	-	15	-	1
	Felixstowe	31.0	-10	NW	2	Mo	44	43	5	5	-	-	8	8	-	13	-	1
	Gorleston	30.3	-2	NW	2	Mo	46	46	5	5	-	-	8	3	-	8	-	1
	Mildenhall	31.4	-10	WSW	3	Mo	45	45	5	5	-	-	8	8	-	21	-	1
	West Raynham	30.6	-8	WSW	3	Bcf	45	44	5	5	-	-	8	8	-	19	-	1
	Waddington	30.9	-6	SSW	3	Cf	45	45	5	5	-	-	8	8	-	12	-	1
3	Cranfield	32.0	-10	W'S	2	Mo	45	43	6	5	-	-	7	7	-	18	-	0
	Honiley	32.8	-6	W	3	Id.	47	45	6	5	-	-	8	8	-	7	-	1
4	Little Rissington	33.5	-7	WNW	2	C	46	44	7	5	-	-	8	5	8	7	15	1
	Defford	33.7	-2	SSW	1	Mo	44	42	5	5	-	-	8	8	-	22	-	1
5	Bristol	34.2	-4	-	0	Mo	45	45	5	5	-	-	8	8	-	43	-	1
	Hartland Point	34.6	-4	W	1	C	51	50	8	5	-	-	8	8	-	25	-	1
	Yeovilton	32.8	-10	-	0	Mo	43	43	6	5	-	-	8	8	-	20	-	1
	Portland Bill	33.1	-4	N'E	2	Rdo	50	43	6	5	-	-	4	4	-	20	-	1
	Exeter	35.0	-6	NW	2	Mo	45	44	5	5	-	-	6	6	-	45	-	1
	Plymouth	35.1	-8	NW	1	Mo	46	44	5	5	-	-	7	7	-	30	-	1
	St. Eval	35.7	-6	NW	2	Cdo	47	47	7	5	-	-	8	8	-	27	-	1
	Lizard	35.5	-10	N	2	C	47	45	7	5	-	-	8	8	-	15	-	1
	Guernsey	34.3	-10	N'E	3	C	50	48	7	5	1	-	8	5	8	30	-	0
	Scilly, St Marys	35.6	-6	N	2	C	49	45	8	5	-	-	8	8	-	25	-	1
6	Fairwood	34.9	-2	-	0	M	45	45	9	5	-	-	8	8	-	43	-	1
	Pembroke	35.1	0	NW	2	Cbc	51	51	7	5	-	-	8	8	-	26	-	1
	Aberporth	34.9	0	W'S	2	Mo	48	48	6	5	1	-	8	3	8	10	72	1
7	Holyhead (Valley)	33.9	0	S	1	Rdo	50	50	5	5	-	-	8	8	-	14	-	1
	Hawarden	32.9	-9	WNW	4	Id.	50	48	5	5	-	-	8	8	8	6	8	1
8	Manchester	32.3	-4	WNW	3	Dm	48	48	4	5	-	-	8	8	-	3	-	1
	Squires Gate	32.7	-2	WNW	4	Mo	47	47	5	5	-	-	8	5	8	7	15	1
	Carlisle	30.7	-4	W	3	Mo	48	48	5	5	-	-	8	8	-	11	-	1
9	Finningley	30.6	-6	WNW	3	Mo	50	46	6	5	-	-	8	8	-	13	-	1
10	Spurn Head	29.8	-6	W	4	Mo	45	45	6	-	-	-	8	8	-	-	-	1
	Leeming	30.2	-2	-	0	Mo	40	38	5	3	-	-	5	5	-	-	-	1
	Tynemouth	29.1	+2	W	4	C/d	51	49	7	5	-	-	8	8	5	15	45	1
	Acklington	28.7	-4	W	3	C	52	47	7	5	-	-	8	8	-	43	-	1
11	St. Abb's Head	27.9	0	W	6	Ir.	52	46	7	4	-	-	7	7	-	20	-	1
	Leuchars	28.6	+4	W	2	Ir.	49	47	7	5	2	-	8	8	-	55	-	1
	Bell Rock	27.8	+2	W'S	5	O	50	43	9	-	-	-	8	5	0	-	-	1
12	Renfrew	30.8	0	WNW	2	C	51	48	7	5	-	-	8	6	4	18	25	1
	Prestwick	31.2	+2	WSW	3	Id.	50	50	4	5	-	-	8	5	8	3	15	1
	Wigtown	32.4	+2	NW'W	3	C/d	51	50	6	5	-	-	8	8	-	12	-	1
	Eskdalemuir	30.4	0	NW'W	3	Id.	50	47	7	5	-	-	8	8	-	11	-	0
	Point of Ayre	32.4	0	W'N	4	O	50	50	8	5	-	-	8	8	-	20	-	0
13A	Tiree	30.8	+6	WSW	4	Id.	49	49	6	5	-	-	8	8	-	3	-	1
13B	Stornoway	29.1	+8	WSW	3	O	49	47	7	5	-	-	8	8	-	12	-	1
	Cape Wrath	27.9	+6	SSW	5	Id.	50	50	7	5	-	-	8	8	-	15	-	1
13	Dalwhinnie	25.4	+4	SW	5	Df	49	49	1	-	-	-	9	9	-	0	-	1
	Aberdeen	26.5	+4	W'N'W	3	Rdo	49	49	7	6	2	-	8	1	6	15	-	1
	Rattray	23.7	-2	W	4	C	52	49	7	8	-	-	8	6	-	20	-	1
	Lossiemouth	28.8	0	WSW	5	C/r	52	49	7	5	-	-	7	7	4	50	-	1
	Wick	25.1	+10	W	4	C	49	48	7	5	-	-	7	4	4	16	-	1
16	Hatston	24.1	+10	WNW	6	Cdo	48	48	5	5	-	-	8	8	-	7	-	1
	Lerwick	19.2	+12	W'N	7	C/d	48	48	6	5	-	-	8	8	-	15	-	1
17	Blacksod Point †	33.9	-2	W	7	C	50	48	6	5	-	-	8	8	-	15	-	1
18	Malin Head †	32.1	+4	W	2	Id.	50	49	6	5	-	-	8	8	-	15	-	1
	Aldergrove	33.0	-2	WSW	2	Mo	49	48	6	5	-	-	8	8	-	12	-	1
	Cas. Archdale	34.2	+2	WSW	3	Id.	49	49	7	5	-	-	8	8	-	15	-	1
19	Birr Castle †	25.2	+4	SW	1	C	46	46	7	5	-	-	8	8	-	25	-	1
	Collinstown †	34.8	+2	W'S	4	Cdo	49	48	6	5	-	-	8	8	-	7	-	1
20	Rinesanna †	36.3	+2	ESE	1	Mo	46	45	6	5	-	-	8	8	-	37	-	1
	Valentia †	35.3	-2	ENE	1	O	49	49	8	5	-	-	8	8	-	25	-	1
	Roches Point †	35.5	-6	SW	1	C	50	49	8	5	-	-	8	8	-	15	-	1

OBSERVATIONS Thursday NIGHT

Dist.	Stations.	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	Cdo	Cdo	41	39	-
	Croydon	Cdo	Cdo Cm	41	39	-
	S. Farnborough	Cdo	Cdo	42	~~39~~ 41	-
	Boscombe Down	Cdo	Cdo	42	41	-
	Calshot	Cm	Cdo Do	41	40	Tr
	Tangmere	Cdo	Dbcm	39	39	-
	Lympne	O Mo Cdo	Cdo Cm	38	36	-
	Manston	Cdb Dcm	Cm	40	35	-
2	Shoeburyness	Cdo W	Cdo W	41	37	Tr
	Felixstowe	Af Cdb W	O Mo W	40	36	-
	Gorleston	Bcz	Ombo Cdo W	40	*	-
	Mildenhall	Cdo	Cdo	42	40	Tr
	West Raynham	Cdb Dcf	Cff Dcf	42	39	-
	Waddington	Bcf Cf	Dbc Cf	41	35	-
3	Cranfield	Cdo	Cdo	42	*	-
	Honiley	Cdo Cdo W	Cdo Id.	43	42	Tr
4	Little Rissington	Cdo Bcdo	C	42	40	-
	Defford	Cdo	Cdo	42	34	-
5	Bristol	Cdo	Dbc Cdo W	40	30	-
	Hartland Point	C	C	43	41	-
	Yeovilton		Cdo	34	29	-
	Portland Bill	Od	Dbc	48	*	-
	Exeter	Cdo Cdo	Cdo W	42	37	-
	Plymouth	Cf Cdo	Cdo Cdo	43	40	-
	St. Eval	Cdo Dbc Cdo	Cdo Cd.	45	41	0·2
	Lizard	Oc	O	45	*	-
	Guernsey	Bcdo	C	43	37	-
	Scilly, St Marys	C	C	46	*	-
6	Fairwood	Cdo	Cd. Dcm	40	30	0·6
	Pembroke	Cbcc	Bc	50	*	-
	Aberporth	Cd. Dbc Cdo	Cdo	47	44	0·3
7	Holyhead (Valley)	Cd. Dcd. Cdo	Cdo Id.	49	47	0·6
	Hawarden	Cdo Do	Cdo Rd. Dm	49	47	0·2
8	Manchester	Af Dd. Dd. Do	Cf Do D.	45	37	1
	Squires Gate	Cd. Do Df. Dbc	Cd. Do	46	45	2
	Carlisle	Cd. Do Dcd.	Cdo	47	45	Tr
9	Finningley	Cdb Dbc Cdb	Cdo	44	35	-
10	Spurn Head	Bm	Bdo	43	*	-
	Leeming	Bdb Dbc Dbo	Bdo Bdo Cdo	37	28	-
	Tynemouth	Dbc Dbc	Cgr Id Fg	49	46	Tr
11	Acklington	Cbc	Bbcc	47	42	-
	St. Abb's Head	Bc	Cgi Ir.	49	*	0·1
	Leuchars	Bdo Cdo Cdo	Cdo Cir.	47	45	*
12	Bell Rock	Cir.	Ir. C			
	Renfrew	Cdb Dcd. Dbc	Cd. Do Dc	49	48	Tr
	Prestwick	Cdo Dcd	Cd. Do Dm	48	47	Tr
	Wigtown	Cdb Dcd. Dx	Dbo Id. Do	48	48	Tr
	Eskdalemuir	Do Cdb Dc	Id. Do C	46	44	Tr
	Point of Ayre	Bcd Dcd Dc	O	49	*	Tr
13A	Tiree	Cd. Dcd. Dcd. Dbo	Cc Id. Do	49	48	0·1
13B	Stornoway	Cd. Dcd. Do	C	48	46	Tr
	Cape Wrath	Bcc Dcd. Dbc	Bcc Cd.	48	46	0·6
13	Dalwhinnie	Vp	Ff Df	47	45	2
	Aberdeen			46	44	-
	Rattray	Cf Dcf Dcf	C Cf Cf	45	32	2
	Lossiemouth	Cf Dcf Dcf	Cc Rdp	40	*	-
	Wick	Cf Dcf Dcf	Cc Rdp	40	39	-
16	Hatston	Cf Dcf Dcf	Bbcc	48	46	Tr
	Lerwick	Cdo Dcd Do	Cd. Do	49	48	0·5
17	Blacksod Point †	Cd. Do Dcd.	Cd. Do Om. Om.	48	46	1
18	Malin Head †	Cd. Do Dcd.	C	49	*	1
	Aldergrove	Cd. Do Dcd.	D	49	*	0·2
	Cas. Archdale	Cdo Cdo	Cdo Id.	48	47	-
19	Birr Castle †	Cdo Dcd Dbc	Cc Id.	47	41	0·5
	Collinstown †		C	44	15	-
20	Rinesanna †		Dd	47	43	0·1
	Valentia †		Dc	43	41	-
	Roches Point †		Cc	48	45	-
			Cc	49	*	Tr

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 13th December 1947

No. 31432

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb (1)	Change in 3 hours (2)	Wind Direc. (3)	Wind Force (4)	Weather (5)	Temp °F (6)	Dew Point °F (7)	Visibility 0–9 (8)	Cloud Form. Low. (9)	Cloud Form. Med. (10)	Cloud Form. High. (11)	Cloud Amount. Total. 0–9 (12)	Cloud Amount. Low. A. 0–9 (13)	Cloud Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. Low. A. (15)	Height of Base Hundreds of feet. Low. B. (16)
1	Kew	32·2	-8	W	2	cf	48	46	3	5	–	–	8	8	–	25	–
	Croydon	32·4	-6	W	2	df	47	44	2	5	–	–	8	8	–	04	–
	S. Farnborough	32·8	-6	W	3	mo	49	47	6	5	–	–	8	8	–	08	–
	Boscombe Down	33·4	-2	WNW	4	mo	49	46	5	5	–	–	8	6	8	09	15
	Calshot	33·7	-4	WNW	2	mo	48	46	5	5	–	–	8	8	–	35	–
	Tangmere	33·0	-2	NW	2	df	48	47	4	5	–	–	8	8	–	08	–
	Lympne	31·4	-8	W'N	2	m	47	45	4	5	–	–	8	8	–	20	–
	Manston	31·4	-8	WNW	3	m	47	45	4	5	–	–	8	2	8	12	25
2	Shoeburyness	31·5	-4	WNW	1	m	49	46	4	5	–	–	8	8	–	28	–
	Felixstowe	30·3	-6	WNW	3	m	48	46	4	5	–	–	8	8	–	25	–
	Gorleston	29·8	-2	NW	3	mo	49	48	6	5	7	–	7	4	4	10	57
	Mildenhall	30·6	-6	WNW	2	mo	51	49	5	5	7	–	7	5	7	56	–
	West Raynham	30·2	-6	WSW	3	ro	49	47	5	5	–	–	7	5	–	30	–
	Waddington	30·8	+2	W	2	m	50	49	4	5	–	–	8	8	–	20	–
3	Cranfield	31·7	-2	WNW	2	mo	50	47	6	5	–	–	8	8	–	18	–
	Honiley	32·3	+2	NW	4	do	50	48	4	5	–	–	7	7	4	03	25
4	Little Rissington	33·1	-2	NW	4	do	48	45	6	5	–	–	8	4	8	03	08
	Defford	33·4	-2	–	0	c	51	48	7	5	–	–	8	8	–	25	–
5	Bristol	34·0	-2	W	1	mo	49	47	5	5	–	–	7	5	–	28	–
	Hartland Point	35·1	+2	NW	2	c-bc	52	49	7	–	3	–	5	5	–	–	–
	Yeovilton	34·0	-4	N'W	1	mo	50	48	5	5	–	–	5	4	5	25	40
	Portland Bill	33·1	+2	N'E	3	mo	52	48	6	5	–	–	6	6	–	10	–
	Exeter	35·2	-2	WNW	4	mo	51	49	6	5	2	2	4	3	3	06	40
	Plymouth	35·1	-2	–	0	mo	52	48	6	5	4	–	4	4	–	–	–
	St. Eval	35·8	-6	N	2	mo	52	50	6	5	–	–	8	4	8	04	40
	Lizard	35·5	0	NE'E	2	c	52	50	7	5	–	–	7	6	7	15	40
	Guernsey	34·3	-2	N'W	2	c	51	49	7	5	–	–	7	5	7	15	40
	Scilly, St. Marys	35·9	+2	N'E	2	c	52	49	8	5	5	–	8	3	8	14	25
6	Fairwood	34·9	-4	NW'N	2	mo	49	49	6	5	5	–	8	5	5	18	–
	Pembroke	35·9	+2	–	1	c-bc	53	52	7	5	–	–	5	5	–	30	–
	Aberporth	35·3	+2	NW	2	df	49	49	7	5	–	–	8	8	–	–	–
7	Holyhead (Valley)	34·9	+2	NW	3	c	52	50	7	5	–	–	7	4	7	05	25
	Hawarden	33·9	+4	NW	4	do	51	49	52	5	–	–	8	5	8	06	15
8	Manchester	32·8	+2	WNW	3	m/d	50	50	4	5	–	–	8	8	–	01	–
	Squires Gate	33·4	+4	WNW	4	mo	48	48	5	5	–	–	8	5	8	01	04
	Carlisle	31·7	+2	W	3	c	51	49	7	5	7	–	7	4	5	20	40
9	Finningley	30·8	-6	WNW	3	mo	53	49	6	5	–	–	6	5	5	15	25
10	Spurn Head	29·8	0	WNW	4	m	47	47	4	5	–	–	7	5	2	–	–
	Leeming	30·2	-2	WNW	3	c-bc	56	50	9	5	4	–	7	2	3	25	40
	Tynemouth	29·8	+4	NW	3	mo	53	48	6	5	–	–	7	7	–	18	–
	Acklington	29·3	+2	W	4	c	55	49	7	–	–	–	7	7	–	40	–
11	St. Abb's Head	29·0	+8	–	0	c	54	48	7	2	–	–	7	4	3	40	–
	Leuchars	29·5	+6	WSW	3	c	51	49	8	5	7	5	6	7	5	50	–
	Bell Rock	28·9	+10	W'N	4	c-bc	50	47	8	5	–	–	5	5	–	25	–
12	Renfrew	32·3	+2	WNW	2	mo	51	50	6	5	3	–	5	2	4	12	15
	Prestwick	32·8	+6	W	2	mo	51	48	49	5	–	–	7	3	5	02	10
	Wigtown	33·7	+2	NW	4	mo	52	50	6	5	–	–	7	4	7	05	15
	Eskdalemuir	30·9	-2	S	2	c	51	46	8	5	9	1	7	3	4	10	15
	Point of Ayre	33·8	+8	NW'W	4	c/d	51	50	7	5	–	–	8	8	–	20	–
13A	Tiree	33·3	+10	W'N	2	do do	51	51	4	5	–	–	8	8	–	02	–
	Benbecula	31·8	+18	SW	3	df	48	48	3	5	–	–	8	8	–	02	–
13B	Stornoway	30·5	+16	SW	5	c	50	49	7	5	7	–	6	3	6	–	–
	Cape Wrath	28·8	+20	W	5	df	47	44	1	–	–	–	9	9	–	0	–
15	Dalwhinnie																
	Aberdeen	28·1	+8	NW	3	c-bc	56	48	8	5	7	–	5	1	5	40	–
	Rattray	27·5	+20	WNW	5	c-bc	51	50	8	8	–	–	6	5	4	25	–
	Lossiemouth	30·0	+18	W	5	bc	49	46	8	5	7	2	4	4	2	30	–
	Wick	28·1	+14	WNW	5	do	49	47	7	5	–	–	8	5	8	–	15
16	Hutton	26·7	+12	W'N	6	do do	49	48	6	5	–	–	8	8	–	05	–
	Lerwick	22·2	+20	W'N	6	do do	48	48	5	5	–	–	8	8	–	01	–
17	Blacksod Point †	36·1	+10	–	0	c	52	48	7	5	–	–	8	–	–	15	–
18	Malin Head †	34·8	+4	W	2	c-bc	51	49	8	5	–	–	5	–	–	15	–
	Aldergrove	35·2	+6	WSW	2	c	50	49	8	5	7	–	7	3	6	12	25
	Cas Archdale	36·0	+6	–	0	c	49	48	7	5	–	–	8	8	–	25	–
19	Birr Castle †	35·8	-2	SW	1	c	50	48	7	5	–	–	7	5	–	25	–
	Collinstown †	36·1	+4	WNW	3	c	49	47	7	5	–	–	7	5	–	30	–
20	Rineanna †	37·2	+2	SE'E	1	c	47	45	7	5	–	–	8	8	–	30	–
	Valentia †	36·5	+2	SE'E	1	c	49	47	8	5	–	–	8	8	–	25	–
	Roches Point †	36·8	+4	N	1	c	49	47	8	5	–	–	8	8	–	25	–

† Birr Castle reports at 1300. · Maximum temperature and rainfall read at 1300.

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

District	Stations	Barom. at M.S.L. mb (17)	Change in 3 hours (18)	Wind Direc. (19)	Wind Force (20)	Weather (21)	Temp °F (22)	Dew Point °F (23)	Visibility 0–9 (24)	Cloud Form. Low. (25)	Cloud Form. Med. (26)	Cloud Form. High. (27)	Cloud Amount. Total. 0–9 (28)	Cloud Amount. Low. A. 0–9 (29)	Cloud Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. Low. A. (31)	Height of Base Hundreds of feet. Low. B. (32)	State of Ground † 0–9 (33)
1	Kew	31·4	+2	NW'N	2	mo	51	47	5	5	–	–	8	8	–	25	–	1
	Croydon	31·3	+2	WNW	2	m	50	48	4	5	–	–	8	8	–	–	–	1
	S. Farnborough	31·8	+4	NW'W	3	c/d	51	48	5	5	–	–	8	8	–	22	–	1
	Boscombe Down	32·3	+6	WNW	3	mo	50	48	5	5	–	–	8	8	–	14	–	0
	Calshot	32·3	0	NW	3	mo	51	47	6	6	–	–	8	8	–	20	–	1
	Tangmere	31·2	+2	NW	2	mo	51	45	5	5	–	–	8	8	–	11	–	0
	Lympne	30·3	+8	NW	3	df	49	48	3	5	–	–	8	8	–	16	–	1
	Manston	30·5	+2	NW'N	3	df	48	48	2	5	–	–	8	9	–	0	–	1
2	Shoeburyness	30·5	+2	NW	1	m	51	48	4	5	–	–	8	8	–	18	–	1
	Felixstowe	29·7	+2	N'W	2	dd	49	49	7	5	–	–	8	8	–	06	–	1
	Gorleston	28·9	+4	NW	3	mo	50	49	5	5	7	–	7	4	4	08	57	1
	Mildenhall	30·5	+2	WNW	2	f	50	49	3	5	–	–	8	8	–	12	–	1
	West Raynham	29·7	+2	NW	3	f	49	47	3	5	–	–	8	8	–	10	–	1
	Waddington	30·8	+6	WNW	3	m	48	47	4	5	7	–	8	8	–	–	–	0
3	Cranfield	30·9	+2	NW	3	mo	50	47	5	5	–	–	8	8	–	25	–	1
	Honiley	32·3	+6	NNW	4	mo	50	47	6	5	–	–	8	8	–	10	–	1
4	Little Rissington	31·9	+2	NW	3	do	49	46	6	5	–	–	8	5	8	06	15	1
	Defford	32·9	+6	NNW	2	c/d	52	48	6	5	–	–	8	8	–	12	–	1
5	Bristol	32·9	+4	WNW	3	mo	49	47	5	5	–	–	7	7	–	20	–	1
	Hartland Point	34·2	+4	NW	3	do	50	49	7	5	–	–	7	6	–	–	–	1
	Yeovilton																	
	Portland Bill	31·8	+4	NNE	2	mo	52	48	6	5	–	–	6	6	–	10	–	1
	Exeter	34·1	+8	NW	3	c	50	48	8	5	7	–	7	5	6	36	–	1
	Plymouth	34·3	+4	–	0	mo	50	47	5	7	–	–	7	3	4	–	–	1
	St. Eval	35·0	+2	N	4	bc	50	49	7	5	–	–	7	6	–	25	–	0
	Lizard	34·5	0	N'E	2	c	50	48	7	5	–	–	7	4	3	20	–	1
	Guernsey	33·2	0	N	2	ir	50	49	7	5	–	–	8	4	5	10	25	1
	Scilly, St. Marys	35·5	+6	N'E	3	c	51	49	8	7	5	–	8	3	5	19	40	1
6	Fairwood	34·3	+4	NNE	3	c	50	48	7	5	4	–	7	4	3	09	20	1
	Pembroke	35·0	+2	N'W	4	bc	50	50	7	5	–	–	7	4	4	30	–	1
	Aberporth	34·6	+2	N'W	2	f	49	49	3	5	–	–	8	4	4	04	–	1
7	Holyhead (Valley)	35·3	+10	NW	3	mo	51	48	6	5	–	–	8	8	–	25	–	0
	Hawarden	33·5	+6	NNW	4	mo	51	48	33	5	–	–	8	6	8	06	15	1
8	Manchester	32·8	+6	NW	3	m	49	48	4	5	–	–	8	8	–	02	–	1
	Squires Gate	33·0	+2	NW'W	3	mo	47	46	6	5	–	–	8	4	–	30	–	1
	Carlisle	32·1	+8	W	3	bc	49	47	8	5	4	–	4	4	3	20	–	1
9	Finningley	31·0	+4	WNW	3	m	50	49	4	5	–	–	5	5	–	40	–	0
10	Spurn Head	30·3	+6	WNW	3	mo	45	45	5	5	–	–	8	8	–	–	–	1
	Leeming	31·2	+8	NW	3	c	52	46	8	5	–	–	8	8	–	60	–	1
	Tynemouth	30·8	+10	WNW	3	mo	52	47	6	8	–	–	6	6	–	18	–	1
	Acklington	29·8	+4	W	2	bc	50	43	7	5	–	–	4	4	–	35	–	0
11	St. Abb's Head	30·2	+14	NW	3	mo	52	46	8	5	–	–	4	4	–	20	–	0
	Leuchars	30·8	+10	WNW	4	b	47	40	8	4	–	–	2	2	–	–	–	1
	Bell Rock	30·3	+10	W'S	3	b-bc	49	44	8	5	–	–	3	3	–	40	–	1
12	Renfrew	33·3	+12	WNW	3	mo	50	48	6	5	–	–	3	3	–	23	–	0
	Prestwick	33·8	+8	WNW	2	c/d	50	48	6	5	–	–	8	3	4	04	08	1
	Wigtown	33·9	+6	NW'N	4	bc	50	48	7	5	4	–	3	3	1	10	–	1
	Eskdalemuir	31·2	+8	NW'W	3	c-bc	51	43	8	5	–	–	5	5	–	22	–	1
	Point of Ayre	34·1	+6	NW'W	3	c	50	48	8	5	–	–	6	6	–	30	–	0
13A	Tiree	34·5	+10	WNW	3	mo	50	49	6	5	7	–	8	4	6	15	–	1
	Benbecula	33·6	+10	W	2	mo	48	48	6	6	3	–	7	5	7	04	–	1
13B	Stornoway	32·6	+10	W	3	mo	49	49	6	6	7	–	8	4	8	06	–	1
	Cape Wrath	30·9	+6	W	4	do do	47	45	8	5	–	–	8	8	–	–	–	2
15	Dalwhinnie	31·0	+8	N	1	c	48	44	7	5	–	–	6	6	–	10	–	0
	Aberdeen	30·6	+16	NNW	1	c-bc	50	43	7	5	7	–	5	4	5	35	–	1
	Rattray	28·9	+8	WNW	5	c-bc	48	46	7	5	–	–	5	5	–	25	–	0
	Lossiemouth	31·9	+16	W	5	b-bc	47	46	8	5	4	–	5	3	–	–	–	0
	Wick	30·6	+18	NW	4	do do	47	47	7	5	–	–	8	4	8	02	08	1
16	Hutton	29·5	+18	W'N	5	do do	47	47	5	5	–	–	8	8	8	05	08	1
	Lerwick	28·1	+40	N'E	4	do do	43	43	4	5	–	–	8	8	–	06	–	1
17	Blacksod Point †	36·4	+2	–	0	c	50	48	7	5	–	–	8	8	–	15	–	1
18	Malin Head †	35·4	+6	W	1	c	51	47	7	5	–	–	8	8	–	15	–	1
	Aldergrove	35·7	+8	–	0	c	49	46	8	5	–	–	8	8	–	15	–	1
	Cas Archdale	36·3	+6	WSW	1	mo	47	47	6	5	–	–	8	8	–	35	–	1
19	Birr Castle †	36·4	+6	W	1	c	47	47	7	5	–	–	8	8	–	25	–	1
	Collinstown †	36·2	+6	W'N	3	c	49	45	7	5	–	–	8	8	–	40	–	1
20	Rineanna †	37·0	+4	SE'E	1	mo	46	46	6	5	–	–	8	8	–	40	–	0
	Valentia †	36·2	+2	–	0	c	47	45	8	5	–	–	8	8	–	45	–	1
	Roches Point †	36·0	0	N	2	mo	49	49	5	5	–	–	8	8	–	15	–	1

OBSERVATIONS during DAY (12th)

District	Stations	Weather 00h.–12h. (34)	Weather 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	cm o f i d o	cf m p m	52	0·0	TR
	Croydon	cm o d o d o f	od o d o f f o m	50	0·0	0·2
	S. Farnborough	cm cm o	cm d o d o cm	51	0·0	TR
	Boscombe Down	cm o	cm o	51	0·0	–
	Calshot	cm cm o	cm o	.	0·0	TR
	Tangmere	cm c f c d o d o	c d o d o m o	51	0·0	–
	Lympne	cm	c f cm c f	49	0·0	TR
	Manston	cm	cm f n d d o	48	0·0	0·4
2	Shoeburyness	c f cm	cm	51	0·0	0·1
	Felixstowe	o m o w p w	cm o o d d m	51	0·0	0·1
	Gorleston	c z o	o m cm	52	0·2	TR
	Mildenhall	cm o	cm o o d d o f	52	0·0	TR
	West Raynham	b c ff cm o i r o	i r o m o c f f d o d o	50	0·1	0·1
	Waddington	cm	cm cm o	53	0·0	–
3	Cranfield	cm o	cm o	51	0·0	–
	Honiley	c i d o m	cm o i d o i r o m o	51	0·0	TR
4	Little Rissington	c c i d o m o	c i d o m o	49	0·0	TR
	Defford	cm o c	c c i d o m o cm o	54	0·0	–
5	Bristol	cm o i f cm o	cm o	52	0·1	–
	Hartland Point	c	i d o c	53	0·7	TR
	Yeovilton	c f cm o				
	Portland Bill	cm o	c	53	•	–
	Exeter	cm f g b cm o	b cm o b c c	55	5·1	–
	Plymouth	cm o	b cm o	55	3·4	–
	St. Eval	c d o d o cm o	cm o b c	52	0·1	TR
	Lizard	c	c	55	0·9	–
	Guernsey	c	c	52	0·4	TR
	Scilly, St. Marys	c	c	52	0·0	–
6	Fairwood	cm o b cm f e b cm o	b cm o cm o c	53	1·1	–
	Pembroke	b c	c c b c	53	2·1	TR
	Aberporth	c i d o c d o d o f	o d o d o f o f	50	0·0	1
7	Holyhead (Valley)	o i d o m o cm o c	c c m o	52	0·0	TR
	Hawarden	c i d o m o	c i d o m o cm o	54	0·0	0·2
8	Manchester	a f d o d o m	o m c i d o m c m	50	0·0	0·4
	Squires Gate	c m o i d o	c d o d o m f m o b c	49	0·0	0·1
	Carlisle	c m o c	c	51	*	–
9	Finningley	cm o	cm o	53	0·0	–
10	Spurn Head	cm	o m o	47	0·4	–
	Leeming	o c m o c b c	c	57	*	–
	Tynemouth	o i d o cm o	cm o	53	*	–
	Acklington	c	c b c	55	0·0	–
11	St. Abb's Head	c	cm o b cm o	55	•	TR
	Leuchars	c r r o c	o b c	55	1·1	TR
	Bell Rock	i r o c	c b c	•	•	•
12	Renfrew	c b c m o	cm o b cm o	54	0·0	–
	Prestwick	i d o m c m o	i d o m o c n m	52	•	TR
	Wigtown	cm o	cm o b c	53	•	–
	Eskdalemuir	cm o c	c b c c	53	0·1	–
	Point of Ayre	o i d o	o c	51	0·0	TR
13A	Tiree	o d o d o m	o d o m c m o	51	0·0	0·2
	Benbecula	o d o d o f	p d o f c m o	49	•	1
13B	Stornoway	c b c c	c c m o	50	1·3	1
	Cape Wrath	o d f	d f d o d o	50	•	2
15	Dalwhinnie		c	50	0·5	–
	Aberdeen	r o r o m o b c	c	56	0·7	0·2
	Rattray	c	b c c	53	•	–
	Lossiemouth	c b c	o b c c	53	0·0	–
	Wick	c o i d o	o d o d o	49	0·0	0·6
16	Hutton	c d o d o m o	c d o d o m o	49	0·0	0·6
	Lerwick	a m o o d o d o m o	o d o d o	49	0·0	0·5
17	Blacksod Point †	c	c	52	•	–
18	Malin Head †	c	c	51	0·0	–
	Aldergrove	c m o c	c	51	0·0	–
	Cas Archdale	c i d o c	c m o	50	0·0	–
19	Birr Castle †	c	c	50	0·0	–
	Collinstown †	c	c	51	0·7	TR
20	Rineanna †	c	c	49	0·0	–
	Valentia †	c	c	50	0·0	–
	Roches Point †	c	c	50	•	TR

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

0 = Nil · 1 = Trace · 2 = 1/10 · 3 = 2/10 · 4 = 3/10 or 4/10 · 5 = 5/10 or 6/10 · 6 = 7/10 or 8/10 · 7 = More than 9 but with openings · 8 = Completely covered · 9 = Sky obscured by fog, etc.

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

‡ See footnote p. 4.

* Information not usually received.

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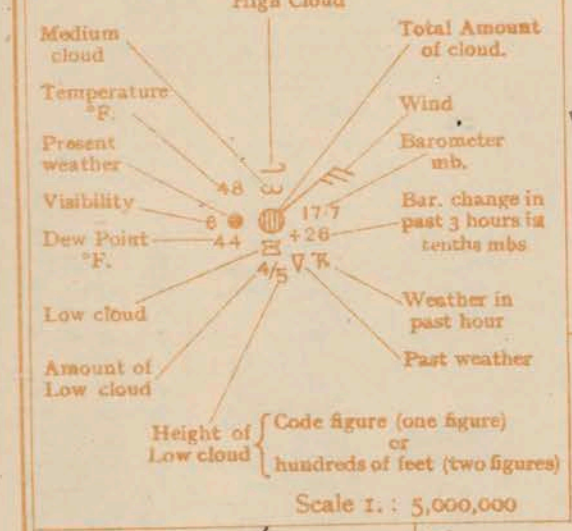
STATION MODEL



Scale 1. : 5,000,000

6h Saturday 13th. December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–15h Kensington, 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 18h % Today
Kew ...	cmofido	cfmom	cmocmom	52	47	40	TR	-	0·0	*	*
Croydon ...	cmodofo	odofdom	cmidcm	50	47	39	0·2	TR	0·0	96	96
Greenwich ...	cido	cfomo	cbcmo	51	48	43	TR	-	0·0	89	86
Westminster	*	*	*	52	45	44	0·1		*	89	90
Regents Park	*	*	*	51	46	43	-			89	85
Camden Square	0	0	*	51	47	42	0·2	-	*	*	86
Kensington ...	ofcof	of	*	52	47	41	TR	TR	*	94	92
Hampstead ...	od	0	0	50	45	37	0·3	-		*	90

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 13th. Max. 0·4 Time 9-10h 12th. Min. 0·1 Time 0-5h 13th.

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

GENERAL INFERENCE

An anticyclone is almost stationary over Ireland and another north of Scotland is moving southeastwards behind a weak cold front which will move into eastern districts during the next 24 hours. In these districts there will be some fair periods to-morrow and it will become slightly colder. For the rest it will continue mild and dull, with smoke fog near the large towns, and local drizzle and hill fog.

FURTHER OUTLOOK

Anticyclone over England: mainly fair but with much cloud in some areas: risk of fog developing at night.

Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 13th December,

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

Identification letters are inserted on fronts and in systems.

All times are G.M.T.

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

Saturday 13th December 1947 — No. 31432

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

Dist.	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Dirn. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Forms. Low. (9a)	Forms. Med. (10a)	Forms. High. (11a)	Amount. Total (12)	Amount. Low. A. (13)	Amount. Low. B. (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16			*	*	*	49		*	*	*	*	*			*	
	Croydon ...	217	32.2	+4	WNW	1	m	49	48	4	5	-	-	8	8	-	10	-
	S. Farnborough	226	32.4	+2	NW	1	c/d	49	48	5	5	-	-	8	8	-	7	-
	Boscombe Down	417	32.6	+2	NW	3	mo	49	46	5	5	-	-	8	8	-	13	-
	Calshot ...	8	32.8	+2	N	3	c	50	47	7	5	-	-	8	8	-	12	-
	Tangmere ...	53	32.1	+6	N	2	mo	50	50	6	5	-	-	8	8	-	10	-
	Lympne ...	341	30.7	+4	NNW	3	mo	49	49	5	5	-	-	8	8	-	10	-
	Manston ...	140	30.8	+2	NW	3	cf	47	47	5	5	-	-	8	8	-	28	-
2	Shoeburyness	11																
	Felixstowe ...	10	30.4	+6	NNW	2	mo	48	47	6	5	-	-	4	4	-	25	-
	Gorleston ...	5	30.5	+8	NW	3	mo	47	46	6	-	-	-	0	0	0	-	-
	Mildenhall	15	31.7	+4	NW	2	m	48	47	4	5	-	-	8	8	-	45	-
	West Raynham	250	31.6	+4	NNW	3	mo	47	45	5	5	-	-	8	5	8	16	40
	Waddington	235	31.8	+6	NW	3	m	47	46	4	-	-	-	-	-	-	-	-
3	Cranfield ...	340	32.2	+4	WNW	1	mo	48	47	5	5	-	-	8	8	-	27	-
	Honiley ...	427	33.1	+4	NNW	3	mo	48	47	5	5	-	-	8	8	-	6	-
4	Little Rissington	731	33.1	+6	NNW	4	mo	47	46	6	5	-	-	8	5	8	5	25
	Defford ...	58	33.4	+2	NNW	3	mo	51	47	6	5	-	-	8	8	-	12	-
5	Bristol ...	209	33.4	+2	N	2	mo	51	47	6	5	-	-	8	8	-	17	-
	Hartland Point	299	34.3	0	NW	3	c	50	49	7	5	-	-	8	8	-	-	-
	Yeovilton	50																
	Portland Bill	32	31.8	0	N'E	3	mo	51	47	6	5	-	-	8	8	-	10	-
	Exeter ...	100	34.0	0	NW	3	c	50	48	6	5	-	-	8	6	4	20	-
	Plymouth ...	86	34.5	0	-	0	mo	50	48	6	5	-	-	8	8	-	8	15
	St Eval ...	345	35.5	+2	N	4	mo	50	48	6	5	-	-	8	8	-	24	-
	Lizard ...	240	34.9	+2	NE'N	3	c	50	48	7	5	-	-	8	8	-	15	-
	Guernsey ...	340	32.9	-2	N	4	c	52	50	7	5	-	-	8	8	8	10	25
	Scilly, St. Marys	163	35.8	+4	NE	3	c	52	48	8	5	-	-	7	7	-	-	-
6	Pairwood ...	268	34.7	+2	NNE	3	c	49	47	7	5	-	-	6	6	-	13	-
	Pembroke ...	142	35.5	0	N	4	c	51	49	7	5	-	-	7	7	-	25	-
	Aberporth ...	425	35.2	+2	N	3	c	49	48	7	5	-	-	7	7	-	17	-
	Holyhead (Valley)	32	35.4	+2	NW	2	mo	50	48	6	5	-	-	4	4	-	25	-
7	Hawarden	15	34.33	+10	NNW	4	mo	50	48	32	5	-	-	8	5	8	10	15
8	Manchester	230	33.6	+6	SW	2	cf	47	46	2	5	-	-	8	8	-	-	-
	Squires Gate	33	33.5	+2	WNW	3	c	47	45	7	5	-	-	7	7	-	17	-
	Carlisle	100	33.0	+8	-	0	F+	40	40	0	-	-	-	0	0	0	-	-
9	Finningley	28	32.3	+8	WNW	3	cf	48	45	3	5	-	-	7	7	-	10	-
10	Spurn Head	29	31.7	+4	NW	3	mo	44	44	5	5	-	-	8	3	8	50	-
	Leeming	105	32.6	+8	NNW	2	b-bc	43	41	8	5	-	-	8	3	8	18	-
	Tynemouth	108	32.5	+8	NW	3	b.bc	47	44	7	5	-	-	8	3	8	18	-
	Acklington	138	32.3	+8	W	2	b	44	42	7	5	-	-	1	1	-	20	-
11	St. Abb's Head	280	31.4	+6	W	3	mo	50	46	6	5	4	-	3	2	-	30	72
	Leuchars ...	31	32.4	+10	-	0	b	48	43	7	4	4	-	2	-	-	-	-
	Bell Rock ...	—	31.8	48	NNW	1	b	49	45	8	-	-	-	2	-	-	-	-
12	Renfrew	35	33.5	+4	WNW	3	b	49	46	7	-	-	-	0	0	0	-	-
	Prestwick ...	30	33.8	0	WNW	3	mo	49	47	6	5	-	-	4	3	4	12	15
	Wigtown	19	34.1	0	N W	3	b-bc	48	47	7	5	-	-	3	3	-	20	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	34.4	+4	NNW	4	b	50	49	7	5	-	-	8	8	-	18	-
13A	Tiree ...	44	35.2	+4	WNW	2	mo	50	49	6	5	-	-	8	8	-	20	-
	Benbecula ...	27	34.8	+10	SW	2	c	49	48	7	5	7	-	8	5	8	8	-
13B	Stornoway ...	12	34.1	+6	-	0	c	49	49	7	5	-	-	8	8	-	15	-
	Cape Wrath	367	32.6	+8	SW	2	dF	48	48	*	*	*	*	8	*	*	*	*
15	Dalwhinnie	1176																
	Aberdeen ...	79						50 52										
	Rattray ...	46	31.8	+14	WNW	5	c	48	46	7	8	-	-	8	8	-	25	-
	Lossiemouth	21	33.3	+2	W	5	c	49	46	8	5	2	-	8	8	7	25	-
	Wick ...	114	33.3	+12	NW	4	c	47	46	7	5	-	-	8	6	7	3	25
16	Hatston ...	45	32.5	+18	NE	3	dldc	45	45	6	5	-	-	8	8	-	6	-
	Lerwick ...	269	31.4	+20	N'W	2	cc	36	32	8	5	-	-	8	8	-	25	-
17	Blacksod Point †	18	37.1	+2	-	0	c	50	50	7	5	-	-	8	8	-	15	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	264	36.5	+4	-	0	c	47	45	7	5	-	-	8	8	-	35	-
	Cas. Archdale	225	36.8	0	-	0	mo	47	47	6	5	-	-	8	8	-	25	-
19	Birr Castle ... †	170	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	36.7	+2	NW	2	c	48	44	7	5	-	-	8	8	-	29	-
20	Rineanna ... †	13	37.7	+6	SW	1	mo	45	45	6	5	-	-	8	8	-	40	-
	Valentia ... †	30	37.1	+6	-	0	0	45	43	8	5	-	-	8	7	-	40	-
	Roches Point †	22	36.9	+4	NE	2	f	47	47	3	-	-	-	0	0	0	-	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Dist.	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Dirn. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Forms. Low. (25a)	Forms. Med. (26a)	Forms. High. (27a)	Amount. Total (28)	Amount. Low. A. (29)	Amount. Low. B. (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	9 h. State of Ground. ++ (33)	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	32.7	+2	NW	2	m	48	46	4	5	-	-	8	8	-	31	-	1	cmo	cmom	47	40	-
	Croydon ...	32.6	+4	NNW	2	m	49	46	4	5	-	-	8	8	-	8	15	1	cmocdofom	cmom	47	39	-
	S. Farnborough	32.7	+6	NNW	2	mo	49	47	5	5	-	-	8	4	4	20	-	1	cmocdo	cmobcmo	46	42	Tr
	Boscombe Down	33.0	+4	NNW	3	mo	48	47	6	5	-	-	8	8	-	11	-	0	cmo	cmo	43	41	-
	Calshot ...	33.6	+10	NNW	3	mo	48	47	6	5	-	-	8	5	-	15	-	0	cmocdocmo	cmobcmo	46	40	-
	Tangmere ...	32.2	+8	NW	2	mo	49	48	5	5	-	-	8	7	-	15	-	1	cmocbdocmo	cmo	47	42	-
	Lympne ...	31.1	+6	N	4	mo	47	45	6	5	-	-	8	8	-	10	-	1	ororofcmo	cmo	46	45	Tr
	Manston ...	30.9	+2	NNW	4	mo	47	45	5	5	-	-	8	8	-	12	-	1	odofcf	bcfcm	46	45	-
2	Shoeburyness	31.5	+2	NNW	2	mo	49	46	5	5	-	-	8	5	-	25	-	1		cmo	47	41	-
	Felixstowe ...	30.9	+2	NE	3	mo	48	45	6	5	-	-	8	3	8	14	25	1	oddubcmo	bcmocmo	47	44	-
	Gorleston ...	30.8	+2	NNW	4	mo	47	46	6	5	-	-	8	8	-	10	-	1	b2o	o2	46	*	Tr
	Mildenhall	32.5	+8	NNW	2	m	46	44	4	5	-	-	8	8	-	19	-	1	afofom	cmoirm	45	41	Tr
	West Raynham	31.7	+4	NNW	4	mo	47	45	4	5	-	-	8	8	-	10	-	1	bfofom	cmo	45	43	Tr
	Waddington	32.8	+6	NW	3	m	43	43	4	5	-	-	8	8	-	21	-	1	bcmicmbm	bmcm	42	38	-
3	Cranfield ...	32.9	+2	NNW	2	mo	46	44	5	5	-	-	8	8	-	30	-	1	cdcmocmo	cmo	45	*	-
	Honiley ...	33.4	+2	NNW	3	m	47	46	4	5	-	-	8	8	-	9	-	1	cmo	cmo	44	42	-
4	Little Rissington	32.7	+6	NNW	3	mo	47	45	6	5	-	-	8	4	5	6	15	1	cdcmocmo	cmocmo	46	46	-
	Defford ...	32.0	+2	NNW	2	mo	50	46	6	5	-	-	8	8	-	22	-	1	cdocmo	cmo	48	43	Tr
5	Bristol ...	34.3	+2	N	1	c	49	46	7	6	-	-	8	8	-	22	-	1	cmocmo	cmoc	48	46	-
	Hartland Point	34.4	-2	NNW	3	c	50	47	8	8	7	-	8	4	4	15	-	1	c	bcc	48	48	-
	Yeovilton	33.3	+4	-	0	m	49	47	4	5	-	-	8	8	-	25	-	0		cmo	42	41	-
	Portland Bill	31.8	-2	NNE	3	mo	51	45	6	5	-	-	8	8	-	10	36	1	oo	oo	45	*	-
	Exeter ...	34.4	+2	NNW	3	cbc	49	46	7	5	-	-	8	4	4	19	20	1	c	c	47	44	-
	Plymouth ...	34.5	+2	-	0	mo	50	47	6	5	-	-	8	8	-	15	-	0	bcmocmo	cmo	48	46	-
	St Eval ...	34.7	-6	NNE	4	c	50	48	8	5	-	-	8	6	4	12	25	1	bccmocdo	cmobcc	48	40	0.2
	Lizard ...	34.5	-2	NE	4	c	50	46	7	5	-	-	8	7	4	15	-	1	c	c	47	*	Tr
	Guernsey ...	33.0	-2	NE	3	c	51	49	7	5	-	-	8	7	4	10	25	1	cfoc	c	50	48	Tr
	Scilly, St. Marys	35.5	-2	NW	3	c	52	51	8	5	-	-	8	8	-	15	-	1	c	c	51	*	-
6	Pairwood ...	34.6	0	NNE	3	bbc	47	45	7	5	-	-	8	3	4	20	-	1	cbcc	cbcb	46	41	-
	Pembroke ...	35.5	0	NE	4	bc	49	49	7	5	-	-	8	4	3	30	-	0	c	cbc	49	*	-
	Aberporth ...	35.2	+2	NW	3	c	49	47	7	5	-	-	8	8	-	10	40	1	bcc	c	48	44	Tr
	Holyhead (Valley)	33.6	0	NW	2	mo	49	47	6	5	-	-	8	8	-	25	-	0	cmobc	bcmocmo	49	46	-
7	Hawarden	34.7	+4	NNW	4	dcdc	48	47	82	5	-	-	8	5	8	9	15	1	cmo	cdocbmo	47	47	0.1
8	Manchester	34.1	+4	NNW	1	cf+	46	45	1	5	-	-	8	8	-	-	-	1	cmcfcf	ofF	45	44	0.1
	Squires Gate	34.2	+6	NW	2	c	47	45	7	5	-	-	8	3	8	9	15	1	bcbmoc	c	45	42	-
	Carlisle	34.0	+4	—	0	F	41	41	1	-	-	-	9	9	-	0	-	1	bcb	bFF	40	42	-
9	Finningley	32.5	+6	NNW	2	cf	46	44	2	5	-	-	6	6	-	20	-	0	cmcf	cfbcfcf	44	40	-
10	Spurn Head	32.4	+6	NW	4	mo	43	43	6	5	-	-	8	3	-	25	-	1	bmo	bcmo	42	*	-
	Leeming	33.1	+6	E	1	c	45	43	7	5	-	-	8	8	-	16	-	1	cb	bbcc	41	33	-
	Tynemouth	32.9	+10	NW	3	bc	48	45	7	8	-	-	8	4	-	18	-	1	cmobc	bc	45	42	-
	Acklington	33.6	+6	W	1	c	47	45	7	5	-	-	8	4	-	30	-	0	cbc	bcc	42	38	Tr
11	St. Abb's Head	32.8	+4	W	3	mo	50	46	5	5	-	-	8	4	-	20	-	1	bmo	cmo	47	*	-
	Leuchars ...	33.7	+10	W	1	Lc	45	43	7	7	-	-	8	4	-	-	-	0	fb	bbc	42	37	-
	Bell Rock ...	33.2	+24	—	0	c	51	43	8	7	-	-	8	8	-	25	-	1	bc	bc	*	*	-
12	Renfrew	34.4	+2	—	0	c	47	45	7	5	7	-	8	4	6	35	-	0	bmob	bbcc	47	44	-
	Prestwick ...	34.5	+4	NW	2	0	48	47	7	5	-	-	8	8	-	41	-	1	cdocbcmo	bccmo	47	42	Tr
	Wigtown	34.9	+2	NW	2	mo	44	44	6	5	-	-	8	3	-	30	-	1	bccmo	bbcbcmo	43	38	-
	Eskdalemuir	34.8	+4	—	0	c	36	33	8	5	7	-	8	5	5	15	-	1	c-bc	bcc	33	28	-
	Point of Ayre	34.7	0	NNW	3	c	48	48	8	5	-	-	8	7	-	20	-	0	co	oc	49	*	-
13A	Tiree ...	35.7	0	WNW	2	c	50	48	7	5	-	-	8	8	-	25	-	1	cmo	cmoc	48	47	-
	Benbecula ...	35.3	+2	W	3	c	47	47	7	5	7	-	8	4	8	12	-	0	cmoc	c	46	44	-
13B	Stornoway ...	34.7	+2	W	2	mo	47	42	6	5	-	-	8	4	-	15	-	1	ccdcmoc	cdombcm2	41	39	-
	Cape Wrath	33.5	+10	SW	2	dF	47	47	1	-	-	-	9	9	-	0	-	0	ocdodaf	df	46	45	1
15	Dalwhinnie																				43	41	-
	Aberdeen ...	33.7	+6	NNW	1	dd	47	46	6	6	2	-	8	3	8	20	-	1	bbcb	bbccd.d.mo	45	45	1
	Rattray ...	33.3	+10	NE	2	dd	45	44	6	8	-	-	8	8	-	15	-	1	c	omdd	41	*	02
	Lossiemouth	34.3	+4	WNW	4	c	48	46	7	5	2	-	8	8	8	25	-	1	bcc	cc	44	43	-
	Wick ...	33.8	+6	WSW	2	df	45	45	3	-	-	-	9	9	-	0	-	1	ocdodowoc	codof	43	42	2
16	Hatston ...	34.1	+10	ENE	3	fdd	42	43	6	5	-	-	8	8	-	9	-	1	cdowoc	cdomocmo	42	41	2
	Lerwick ...	33.7	+14	NNW	3	6	33	30	8	5	-	-	8	8	-	35	-	1	ccbcbc	bcbx	31	28	Tr
17	Blacksod Point †	36.8	0	&	2	c	49	45	7	5	-	-	8	4	6	15	-	0	c	c	47	*	-
18	Malin Head †	36.0	+22	NW	1	c	49	47	8	5	-	-	8	6	-	15	-	1		c	49	*	-
	Aldergrove	36.8	+2	—	0	o	47	48	7	5	-	-	8	8	-	39	-	1	c	o	46	43	-
	Cas. Archdale	37.3	0	WSW	1	mo	46	46	6	5	-	-	8	8	-	25	-	1	cmo	cmo	46	43	0.2
19	Birr Castle ... †	37.0	+9	SSW	1	c	44	43	7	5	-	-	8	8	-	25	-	1		c	44	42	-
	Collinstown †	36.9	0	NW	2	c	46	42	6	5	-	-	8	8	-	32	-	1	c	c	46	45	-
20	Rineanna ... †	37.7	0	ENE	1	mo	44	42	5	5	-	-	8	8	-	40	-	1	c	c	43	42	-
	Valentia ... †	37.2	+2	NE	2	c	43	41	5	5	-	-	7	7	-	31	-	1	c	c	42	39	-
	Roches Point †	37.0	0	NE	1	o	46	45	7	5	-	-	8	8	-	8	-	1	J	oc	46	*	Tr

OBSERVATIONS Friday NIGHT

Dist.	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew					
	Croydon ...					
	S. Farnborough					
	Boscombe Down					
	Calshot ...					
	Tangmere ...					
	Lympne ...					
	Manston ...					
2	Shoeburyness					
	Felixstowe ...					
	Gorleston ...					
	Mildenhall					
	West Raynham					
	Waddington					
3	Cranfield ...					
	Honiley ...					
4	Little Rissington					
	Defford ...					
5	Bristol ...					
	Hartland Point					
	Yeovilton					
	Portland Bill					
	Exeter ...					
	Plymouth ...					
	St Eval ...					
	Lizard ...					
	Guernsey ...					
	Scilly, St. Marys					
6	Pairwood ...					
	Pembroke ...					
	Aberporth ...					
	Holyhead (Valley)					
7	Hawarden					
8	Manchester					
	Squires Gate					
	Carlisle					
9	Finningley					
10	Spurn Head					
	Leeming					
	Tynemouth					
	Acklington					
11	St. Abb's Head					
	Leuchars ...					
	Bell Rock ...					
12	Renfrew					
	Prestwick ...					
	Wigtown					
	Eskdalemuir					
	Point of Ayre					
13A	Tiree ...					
	Benbecula ...					
13B	Stornoway ...					
	Cape Wrath					
15	Dalwhinnie					
	Aberdeen ...					
	Rattray ...					
	Lossiemouth					
	Wick ...					
16	Hatston ...					
	Lerwick ...					
17	Blacksod Point †					
18	Malin Head †					
	Aldergrove					
	Cas. Archdale					
19	Birr Castle ... †					
	Collinstown †					
20	Rineanna ... †					
	Valentia ... †					
	Roches Point †					

The DAILY WEATHER REPORT is issued in three Sections:– British, International, Upper Air.
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* Information not usually received.
‡ Second figure in col. (33) gives depth of snow in inches.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 14th December 1947

No. 31433

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

Station. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0-9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0-9 (12)	Cloud. Amount. Low. A. 0-9 (13)	Cloud. Amount. Low. B. 0-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1 Kew	34·1	+8	N'E	3	mo	49	44	6	5	-	-	8	4	8	15	25
Croydon	33·5	+4	N	4	m	48	44	4	5	-	-	8	5	8	08	15
S. Farnborough	34·3	+6	N'W	3	mo	49	45	6	5	-	-	8	-	-	08	-
Boscombe Down	34·2	+2	N'W	3	mo	49	46	6	5	3	-	7	4	6	08	15
Calshot	34·2	+4	NNE	4	mo	51	45	6	5	-	-	6	6	-	15	-
Tangmere	33·6	+2	NNE	5	mo	49	47	5	5	-	-	8	8	-	15	-
Lympne	32·2	+2	N'W	3 4	id.	47	45	5	5	-	-	8	8	-	05	-
Manston	32·3	+4	NW'N	3	d.d.	47	46	5	5	-	-	8	4	8	08	15
2 Shoeburyness	32·6	+6	NNW	2	mo	48	45	6	5	-	-	8	5	8	22	-
Felixstowe	32·1	+6	NE	4	mo	49	45	6	6	-	-	8	8	8	10	25
Gorleston	31·4	+6	NNE	5	c/r	47	45	7	5	-	-	6	6	-	20	-
Mildenhall	33·2	+6	NNW	3	mo	48	46	6	5	-	1	8	4	8	06	15
West Raynham	32·5	+6	N	4	c/r	46	46	5	5	3	-	7	2	7	02	-
Waddington	33·6	+2	SW	2	m/d	47	46	4	5	-	-	8	8	-	20	-
3 Cranfield	34·0	+6	NNW	3	c	48	43	7	5	-	-	8	2	8	10	25
Honiley	34·6	+4	N	2	m	48	46	4	5	-	-	8	8	-	10	-
4 Little Rissington	34·8	+4	NNW	3	m	47	45	4	5	-	-	8	5	8	06	08
Defford	35·0	+2	NNW	3	mo	49	46	6	5	-	-	8	8	-	08	-
5 Bristol	34·8	0	NNE	2	id.	49	47	5	5	-	-	8	4	8	10	15
Hartland Point	34·5	-2	N	3	c	50	47	7	8	6	-	7	3	4	-	-
Yeovilton	34·1	+2	NW	1	mo	50	46	6	5	-	-	8	4	8	15	25
Portland Bill	33·2	0	NNE	3	mo	51	45	6	1	-	-	6	6	-	10	35
Exeter	33·3	+2	NNE	3	c	52	46	7	5	-	-	7	1	7	15	40
Plymouth	35·1	+2	NNW	3	mo	51	47	7	5	3	-	5	3	4	35	50
St. Eval	35·5	-2	NNE	6	c	50	47	9	5	-	-	8	8	-	20	-
Lizard	35·0	0	NE'N	3	c	50	47	7	4	-	-	6	6	-	20	-
Guernsey	33·6	+4	NNE	3	d.d.	50	50	4	5	-	-	8	5	8	-	-
Scilly, St. Marys	35·8	-2	NNE	5	c	52	47	8	8	4	9	8	3	5	18	40
6 Fairwood	35·3	-6	N'W	2	bc	51	47	7	5	3	-	7	3	3	25	-
Pembroke	37·4	+6	N	4	c	51	49	7	5	-	-	7	1	3	28	-
Aberporth	35·8	+2	N	3	c	49	47	7	8	7	-	8	3	5	30	-
7 Holyhead (Valley)	36·2	-2	NNW	3	c	51	49	7	8	-	-	8	3	8	25	40
8 Hawarden	35·4	-2	NNW	3	m/d	49	48	8	8	-	-	8	8	-	08	-
Manchester	35·2	-2	-	0	f	46	46	1	8	-	-	8	-	-	-	-
Squires Gate	35·5	+2	WNW	2	f	47	45	2	5	-	-	8	5	7	08	40
Carlisle	35·1	+4	-	0	fr	43	43	4	5	1	-	8	5	8	10	-
9 Finningley	35·4	+4	NNW	2	mo	49	45	5	5	-	-	8	8	-	20	-
10 Spurn Head	33·7	+4	N	5	id.	47	47	6	3	2	-	8	8	-	~~20~~ 10	~~15~~
Leeming	35·0	+4	N	3	mo	49	45	6	5	-	-	8	5	8	10	~~15~~
Tynemouth	35·3	+4	NI	2	m/d	48	46	~~4~~ 5	5	7	-	7	4	3	15	57
Acklington	34·7	-2	NW	2	id.	48	47	9	5	-	-	8	8	-	20	-
11 St. Abb's Head	34·9	+8	NW	2	c/d	48	48	5	5	-	-	7	4	7	20	40
Leuchars	34·9	+2	SW	2	id.	48	46	6	5	-	-	7	4	7	20	40
Bell Rock	35·4	+10	W	2	c	49	42	7	.	7	-	7	0	-	-	-
12 Renfrew	35·9	+10	NW	1	mo	51	47	6	5	-	-	7	3	-	25	40
Prestwick	35·6	~~+10~~ +8	NNW	3	mo	50	47	6	5	-	-	8	6	8	40	40
Wigtown	36·2	+6	NW	2	c	50	47	8	5	-	-	8	7	-	30	-
Eskdalemuir	35·3	+6	-	0	d.d.	43	43	6	5	-	-	8	8	-	-	-
Point of Ayre	35·9	+4	NNW	4	c	51	48	8	5	-	-	8	2	8	15	25
13A Tiree	36·8	+2	WNW	2	c	50	47	8	5	-	-	8	8	-	30	-
Benbecula	37·0	+8	W	1	o	47	45	8	5	-	-	8	8	-	40	-
13B Stornoway	36·9	+6	NW	3	c	49	48	7	5	7	-	8	5	9	12	-
Cape Wrath	35·3	+10	W	1	df	47	47	1	-	-	-	9	9	-	0	-
15 Dalwhinnie																
Aberdeen	35·2	+4	E	1	df	45	45	2	-	2	-	8	8	-	01	-
Rattray	35·4	+8	NE	2	c	44	43	7	8	-	-	8	3	6	20	-
Leuchars	35·6	+4	W	4	c	48	47	7	5	-	-	8	3	6	20	40
Wick	34·7	0	-	0	dd	44	44	4	5	-	-	8	8	-	02	-
16 Hatston	35·4	+6	-	0	c/d	42	42	7	5	-	-	8	4	8	08	15
Lerwick	34·8	+8	NNW	2	c	35	31	8	5	-	-	8	4	7	48	-
17 Blacksod Point †	37·9	+2	SW	1	c	50	46	7	5	-	-	8	8	-	25	-
18 Malin Head †	37·2	+4	NW	2	c	50	46	8	5	-	-	8	6	-	25	-
Aldergrove	37·5	+6	-	0	c	47	44	8	5	-	-	8	1	8	20	40
Cap Archdale	38·3	+6	W	2	id.	45	45	7	5	-	-	8	8	-	25	-
19 Birr Castle … †	37·8	0	SW	1	c	46	46	7	5	2	-	8	6	8	25	-
Collinstown †	37·5	-2	NW	3	c	48	44	8	5	-	-	8	6	8	40	-
20 Rineanna †	38·9	+6	-	0	mo	46	46	6	5	-	-	8	5	8	25	-
Valentia †	38·5	+2	-	0	c	48	49	8	5	-	-	8	4	8	25	-
Roches Point †	37·8	0	N	2	c	49	47	7	5	-	-	8	8	-	08	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Station.	Barom. at M.S.L. mb. (17)	Change in 3 hours (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0-9 (28)	Cloud. Amount. Low. A. 0-9 (29)	Cloud. Amount. Low. B. 0-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0-9 (33)
1 Kew	33·4	0	N	3	mo	43	45	6	5	-	-	7	7	-	28	-	1
Croydon	33·4	+2	N	4	d.d.	48	46	4	5	-	-	8	8	-	11	-	1
S. Farnborough	33·8	+4	NNW	2	if.	48	45	5	5	-	-	8	8	-	14	-	1
Boscombe Down	33·9	+2	NNW	3	mo	48	44	5	5	-	-	8	4	8	8	15	0
Calshot	34·1	+4	NNE	3	c	49	44	7	5	-	-	8	8	-	21	-	0
Tangmere	33·2	+6	WSW	4	mo	49	48	5	5	-	-	8	8	-	15	-	0
Lympne	32·0	+4	NE	~~4~~ 5	mo	45	43	6	5	-	-	8	8	-	15	-	1
Manston	32·3	+4	NNE	5	c	45	41	8	5	7	-	8	6	2	17		1
2 Shoeburyness	32·7	+6	NNW	2	mo	47	41	6	5	-	-	8	8	-	15	-	1
Felixstowe	32·7	+10	NE'N	3	e	46	42	7	5	-	-	8	8	-	21	-	1
Gorleston	32·0	+2	NNE	5	id.	45	42	7	5	-	-	8	8	-	20	-	0
Mildenhall	33·8	+4	NW	2	d	44	42	7	5	-	-	8	3	8	8	25	1
West Raynham	33·3	+4	NNW	3	b/d	44	43	6	5	-	-	4	3	4	5	25	1
Waddington	33·9	+2	N	3	m	45	44	4	5	-	-	5	5	-	33	-	1
3 Cranfield	33·8	+2	N	2	b/d	46	44	5	5	-	-	4	4	-	27	-	1
Honiley	34·7	+2	N	2	mo	47	44	5	5	5	-	7	4	7	20	-	1
4 Little Rissington	34·7	+6	NNW	3	m	46	44	4	5	-	-	8	5	8	8	8	1
Defford	35·0	+2	N	2	mo	49	46	5	5	-	-	8	8	-	33	-	1
5 Bristol	34·7	+4	N	3	~~fo~~	49	46	5	5	-	-	8	8	-	28	-	1
Hartland Point	34·4	0	N	2	mo c	51	46	7	5	-	-	7	7	-	-	-	0
Yeovilton																	
Portland Bill	32·5	0	NE	2	o	50	46	6	5	-	-	8	8	-	10	-	1
Exeter	35·0	+6	N	2	mo	49	45	6	5	-	-	8	5	8	36	40	1
Plymouth	35·0	-2	NE'N	1	mo	48	45	5	5	-	-	8	8	-	18	-	0
St. Eval	35·5	+4	NNE	4	c	50	48	7	5	-	-	8	4	8	8	40	1
Lizard	34·7	+2	NE	2	c	49	47	7	5	-	-	7	7	-	20	-	0
Guernsey	33·3	+6	NE'N	3	mo	49	47	6	5	3	-	7	3	4	9	25	1
Scilly, St. Marys	35·4	0	NE'N	5	c	52	48	8	8	-	-	8	8	-	-	-	1
6 Fairwood	35·6	+6	N	2	mo	48	46	6	5	-	-	8	8	-	25	-	1
Pembroke	36·4	0	NNE	4	c	50	48	7	5	-	-	8	8	-	25	-	0
Aberporth	35·8	0	N	3	c	48	46	7	5	-	-	8	8	-	26	-	1
7 Holyhead (Valley)	36·5	+2	NNW	3	mo	49	46	6	5	-	-	8	8	-	40	-	0
8 Hawarden	35·8	+2	NW	1	m	47	47	~~4~~ 5	5	-	-	8	8	-	9	-	1
Manchester	35·2	+4	-	0	cF+	46	46	1	5	-	-	8	8	-	-	-	1
Squires Gate	35·8	+6	NNW	1	cf+	47	46	3	5	3	-	7	5	7	35	-	1
Carlisle	35·4	+6	-	0	df	44	44	3	5	-	-	8	8	-	7	-	1
9 Finningley	34·8	+6	N	1	mo	47	45	5	5	-	-	5	5	-	39	-	0
10 Spurn Head	34·0	+10	NNW	4	b-bc	44	44	7	5	-	-	5	3	-	-	-	1
Leeming	35·3	+4	-	0	id.	46	45	3	5	-	-	8	8	-	~~47~~	-	1
Tynemouth	35·5	-8	N	2	id	47	~~46~~	6	5	-	-	8	8	-	15	-	1
Acklington	35·2	+8	N	1	df	48	46	3	5	-	-	7	8	-	10	-	1
11 St. Abb's Head	34·7	+8	WIN	2	cF+	47	47	1	5	-	-	6	6	-	12	-	1
Leuchars	36·0	+8	-	0	id.	47	45	5	5	-	-	8	8	-	30	-	1
Bell Rock	35·4	+4	NIE	1	~~40~~	47	46	7	5	-	-	8	8	-	25	-	*
12 Renfrew	36·4	+8	W	1	mo	48	47	6	5	7	-	7	4	7	40	-	0
Prestwick	35·9	+4	-	0	mo	48	46	5	5	-	-	8	6	8	33	40	1
Wigtown	36·3	~~+2~~ +6	NW	3	c	48	~~42~~ 46	8	5	-	-	7	7	-	30	-	1
Eskdalemuir	35·2	+4	-	0	mo	45	45	6	5	-	-	8	8	-	16	-	1
Point of Ayre	35·9	0	NNW	3	c	49	47	8	5	-	-	8	8	-	25	-	0
Tiree	37·3	+4	WNW	2	c	49	49	8	5	-	-	8	4	8	20	40	1
Benbecula	37·2	+6	-	0	o	47	46	9	5	-	-	8	8	-	40	-	1
Stornoway	37·1	+6	-	0	c	48	48	7	5	-	-	6	5	6	25	-	1
Cape Wrath	36·4	+10	NW	1	c/f	47	47	8	5	-	-	8	8	-	9	-	1
Dalwhinnie	37·0	+10	N	1	c	44	42	7	5	-	-	8	8	-	10	-	0
Aberdeen	36·5	+10	NNE	1	c/d	44	44	5	-	2	-	8	8	-	1	-	1
Rattray	36·1	+4	NNE	2	mo	43	42	7	8	-	-	8	8	-	20	-	1
Leuchars	36·8	+12	NW	3	c	45	45	7	5	-	-	8	5	6	20	40	1
Wick	36·4	+6	-	0	id.	44	44	5	5	-	-	8	8	-	4	-	1
16 Hatston	36·2	+2	-	0	c	42	42	8	5	-	-	7	3	7	9	15	1
Lerwick	34·6	-4	NW	2	bc	33	31	8	5	-	-	4	4	-	28	-	1
17 Blacksod Point †	38·2	+4	-	0	c	48	44	7	5	-	-	8	8	-	25	-	0
18 Malin Head †	37·4	+6	NW	2	c-bc	49	47	8	5	-	-	5	5	-	25	-	1
Aldergrove	37·8	+6	NNW	1	c	46	44	7	5	-	-	8	3	8	18	40	1
Cap Archdale	38·2	+6	-	0	c	46	45	8	5	-	-	8	4	8	30	40	1
19 Birr Castle … †	37·7	+2	SW	1	c	45	45	7	5	-	-	8	8	-	25	-	1
Collinstown †	37·9	+2	NW	2	c	46	44	7	5	-	-	8	8	-	35	-	1
20 Rineanna †	38·9	+6	-	0	fs	45	45	6	5	-	-	7	7	-	40	-	1
Valentia †	38·2	+4	NE	1	c	47	43	8	5	-	-	8	8	-	45	-	1
Roches Point †	37·9	+2	NE	1	c	48	48	8	5	1	-	8	4	-	15	-	1

OBSERVATIONS during DAY (13th).

Station.	Weather. 06h.-12h. (34)	Weather. 12h.-18h. (35)	Max. Temp. 06h.-21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.-21h. ins. (38)
Kew	cmcmo	idocmo	49	0·0	Tr
Croydon	cm	cidofcdodo m.	49	0·0	Tr
S. Farnborough	cmo	cmo if.	49	0·0	Tr
Boscombe Down	cmo bccmo	cmo	51	0·0	-
Calshot	cmo	cmo	*	*	-
Tangmere	cmo	cmo	50	0·1	-
Lympne	cmo id. mo	cmo d.d.cmo	47	0·0	Tr
Manston	cmo id.o	d.d.moc	47	0·0	Tr
2 Shoeburyness	cmo	cmo	49	0·0	Tr
Felixstowe	cmo cid.mo	cmoc	49	0·0	~~Tr~~ 0·1
Gorleston	o.o2c	cido o	47	0·7	Tr
Mildenhall	cmo cmo id.	cmo ido cidoc	49	0·0	Tr
West Raynham	cid.ff.mo	cido.d.do cmo	47	0·0	0·5
Waddington	cmtid.m	cidomcm	48	0·0	Tr
3 Cranfield	cmo	cido mo	48	0·0	Tr
Honiley	cmo.o.mcm	cmcmo	48	0·0	-
4 Little Rissington	cmo cm	cm	47	0·0	-
Defford	cmo cid.mo.cmo	cmo	51	0·0	-
5 Bristol	ccmo id.	cmo.d.o.cmo	51	0·0	Tr
Hartland Point	C	c	50	0·0	-
Yeovilton	cmo			*	
Portland Bill	cmo	oo	53	*	-
Exeter	cbcc	ccmo	52	1·9	-
Plymouth	cm.bcmo	bcmoc	53	0·7	-
St. Eval	cbcc	c	51	0·1	-
Lizard	C	c	52	1·5	-
Guernsey	o.d.o.m	cmo	51	0·0	0·1
Scilly, St. Marys	C	poc	53	0·0	Tr
6 Fairwood	obc	bccmo	52	2·8	-
Pembroke	bcc	c	51	0·0	-
Aberporth	c	c	52	0·0	-
			49		
7 Holyhead (Valley)	C	cbcc	51	0·0	-
8 Hawarden	cd. mocm	cm.cmo	49	0·0	7
Manchester	QFoF	oFFido	47	0·0	-
Squires Gate	cfofc	cffc	48	0·0	-
Carlisle	bf.cmcm.	cf oidof	46	*	0·1
9 Finningley	cfcmo	cmo	50	0·0	Tr
10 Spurn Head	bcmomo	bcjfbcf	47	0·5	0·6
Leeming	cm.	cmo id. ef	49	-	0·3
Tynemouth	cmid.cmo	omo, cmo, id	49	*	0·6
Acklington	cm.cm.id.cm.id	cmid. cdf	49	0·0	0·4
11 St. Abb's Head	cmo	cmo cf	52	*	Tr
Leuchars	bccid.mo	cdocmo	49	0·0	0·0
Bell Rock	bcc	Xcpro	*	*	*
12 Renfrew	ccmo	cmo	51	0·0	-
Prestwick	ccmo	cmo	50	*	Tr
Wigtown	C	c	51	*	-
Eskdalemuir	cd.d.mo	cf.d.domo	46	0·0	!
Point of Ayre	C	c	50	0·0	-
Tiree	C	c	51	0·0	-
Benbecula	O	o	48	M *	-
Stornoway	bcmoc	o	50	0·0	-
Cape Wrath	df	cjf	49	*	0·6
Dalwhinnie		c	47	0·0	-
Aberdeen	d.rd.d.of	cf.d.d.o.d.o.m.o.m.o	45	0·0	!
Rattray	cmcm	cmcm	53	*	0·5
Leuchars	cm.c	cir.c	49	0·0	0·5
Wick	odd fid.o.m.d.d.m	o.d.d.m. d.o.d.o.m	44	0·0	3
16 Hatston	cid.mo.c	c	43	0·0	0·3
Lerwick	bxcx	cbcx	36	8·7	-
17 Blacksod Point †	c	c	50	0·0	-
18 Malin Head †	c	cbc	50	0·0	-
Aldergrove	OC	cifc	49	0·0	Tr
Cap Archdale	cm.id.m.o.	cido c	47	0·0	0·1
19 Birr Castle … †	c	c	48	0·0	-
Collinstown †	c	c	49	0·0	-
20 Rineanna †	cm.	c	47	0·0	-
Valentia †	c	c	49	0·0	-
Roches Point †	c	c	51	*	Tr

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

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

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

‡ See footnote p. 4.

* Information not usually received.

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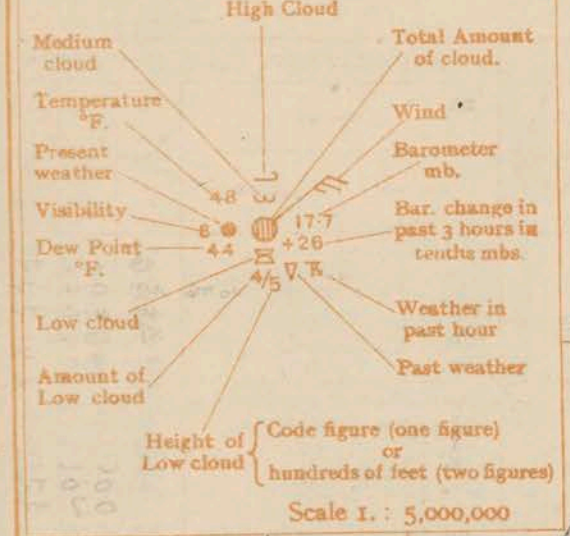
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

STATION MODEL



Scale 1. : 5,000,000

6h Sunday 14th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night		15h	9h
									hrs.	%	%
				°F.	°F.	°F.	mm.	mm.	Yesterday		To-day
Kew	cm cm$_0$	i$_0$ c m$_0$	cm$_0$	49	42	41	Tr	0·1	0·0	*	*
Croydon ...	cm	c i$_0$ d$_0$ f$_0$ d$_0$	c d$_0$ d$_0$	49	42	41	Tr	Tr	0·0	92	92
Greenwich ...	cm$_0$	c i$_0$ d m$_0$	c r m$_0$	49	42	39	Tr	Tr	0·0	92	85
Westminster	*	*	*	50	42	41		Tr	*	83	85
Regents Park	*	*	*								
Camden Square	c	c	*	50	42	39	–	–	*	*	87
Kensington ...	cz	cz	*	49	43	40	Tr	Tr	*	92	88
Hampstead ...	0	0	0	47	39	35	–	–		*	93

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 14th Max. 0·2 1st 19hrs 18th Min. Lost 0-6hrs 14th

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

GENERAL INFERENCE

An anticyclone centred over Ireland covers the British Isles. Weather will be mainly cloudy with some slight local drizzle and patches of fog or mist but some bright intervals locally It will be a little colder than of late in most districts more especially in the East and South

FURTHER OUTLOOK

Little Change

Chart of Weather in the Northern Hemisphere.

Morning of

Sunday 14th December

1947

Clark's Projection Scale 1 : 4 × 10⁷ along meridian 35°W.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Sunday 14th December 1947

No. 31433

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

District	Stations	Height above M.S.L. in feet.	Baroms. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility o-9 (8)	Cloud. Form. Low. (9a)	Cloud. Form. Med. (10a)	Cloud. Form. High. (11a)	Cloud. Amount. Total. o-o (12a)	Cloud. Amount. Low. A. o-9 (13)	Cloud. Amount. Low. B. o-o (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16					mo	46										
	Croydon	217	34.1	+8	N	2	do	45	41	6				8	5	8	14	15
	S. Farnborough	226	34.0	+6	NE'N	4	mo	46	41	5				8	8	-	16	-
	Boscombe Down	417	33.9	-2	NNW	3	mo	46	42	5				8	8	-	26	-
	Calshot	8	34.5	+6	NNE	2	mo	47	44	6				8	8	-	20	-
	Tangmere	53	33.7	+4	NE	3	mo	46	44	6				8	8	-	15	-
	Lympne	341	32.8	+4	N'E	4	do	42	40	6				8	8	-	21	-
	Manston	140	32.7	-2	N	4	c	44	42	7				7	7	-	16	-
2	Shoeburyness	11																
	Felixstowe	10	32.8	+2	N'E	3	do	44	42	6				8	8	-	22	-
	Gorleston	5	32.6	+8	N	4	o	44	38	7				8	8	-	25	-
	Mildenhall	13	34.0	+4	N	2	c	43	43	7				5	5	-	23	-
	West Raynham	250	33.6	+2	N	4	do	43	41	5				8	4	8	5	15
	Waddington	235	34.4	+4	NW	3	m	43	42	4				4	3	1	15	40
3	Cranfield	340	34.2	0	NNE	3	mo	43	41	6				4	3	4	15	40
	Honiley	427	35.0	0	N	2	do	46	45	4				8	8	-	6	-
4	Little Rissington	731	34.0	+2	N	2	m	44	42	4				8	8	-	8	-
	Defford	58	35.0	-2	N	2	mo	47	46	5				8	8	-	29	-
5	Bristol	209	35.0	0	NNE	2	mo	47	45	5				8	8	-	23	-
	Hartland Point	299	34.6	0	NE	2	c	48	48	7				8	8	-	-	-
	Yeovilton	50																
	Portland Bill	32	32.9	0	ENE	2	c	48	43	6				6	6	-	10	-
	Exeter	100	35.1	-2	NNE	1	mo	47	45	6				7	7	-	36	-
	Plymouth	86	34.9	-2	-	0	mo	48	46	5				8	5	8	15	25
	St. Eval	345	35.4	0	NNE	4	do	49	48	6				8	2	8	8	25
	Lizard	340	34.7	0	NNE	2	c	49	47	7				8	8	-	15	-
	Guernsey	340	33.3	0	NE	3	mo	49	45	6				8	4	4	15	25
	Scilly, St. Marys	163	35.3	-2	NE	4	c	52	48	8				8	8	-	-	-
6	Fairwood	268	35.4	-2	NNE	2	c	47	45	7				8	8	-	51	-
	Perubroke	142	35.9	-10	NE'N	2	c	49	49	7				8	8	-	25	-
	Aberporth	435	35.9	-2	NE'N	2	do	47	47	6				8	4	6	5	15
7	Holyhead (Valley)	32	36.3	-2	NNW	3	c/d	49	47	6				8	8	-	40	-
	Hawarden	15	35.8	0	NW	2	c/d	47	47	5				8	8	-	8	-
8	Manchester	230	35.4	+2	-	0	F	45	45	0				9	9	-	-	-
	Squires Gate	33	35.6	0	-	0	F	45	45	1				9	9	-	-	-
	Carlisle	100	36.0	+4	-	0	F	43	43	1				9	9	-	-	-
9	Finningley	28	35.3	+6	NE	2	c/d	45	44	5				8	8	-	7	-
10	Spurn Head	29	34.5	+4	N	4	do	45	43	7				8	8	-	5	-
	Leeming	105	35.8	+6	NNW	1	c	45	45	2				9	9	-	-	-
	Tynemouth	108	36.1	+2	NNE	2	c/d	45	44	7				8	8	-	12	-
	Acklington	138	36.2	+10	NNW	2	mo	45	45	5				8	4	-	13	-
11	St. Abb's Head	280	36.2	+4	NNW	2	bc	45	45	7				8	4	-	20	-
	Leuchars	31	37.0	+4	E	1	mo	44	44	5				4	4	-	29	-
	Bell Rock	—	36.4	+46	NNE	1	c	46	44	7				8	8	-	25	-
12	Renfrew	35	37.2	+6	-	0	mo	45	44	5				4	4	-	35	-
	Prestwick	30	36.7	+4	-	0	m	44	44	4				8	8	-	30	-
	Wigtown	19	37.0	+10	NW	3	c	47	45	8				8	4	8	22	25
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	35.9	0	NNE	2	c	49	47	8	2	-		8	5	8	20	-
13A	Tiree	44	37.7	-2	-	0	c	47	46	8				6	4	6	20	-
	Benbecula	27	37.8	0	-	0	c	46	45	8				8	8	-	30	-
13B	Stornoway	11	37.7	0	-	0	c	46	45	7				8	8	-	25	-
	Cape Wrath	367	37.1	0	NW	1	c	47	45	5				8	8	-	20	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						43										
	Rattray	46	36.4	+2	WNW	2	c	44	42	7				8	3	-	25	-
	Lossiemouth	21	37.3	0	N	3	c	45	45	7				7	3	5	8	15
	Wick	114	37.0	+6	N	3	c/d	45	44	4				8	4	8	2	15
16	Hatston	45	37.1	+4	-	0	do	43	43	5				8	8	-	04	-
	Lerwick	209	36.3	+2	-	0	bc	33	29	5				2	2	-	36	-
17	Blacksod Point †	18	38.7	+2	-	0	c	48	44	7				8	8	-	25	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	37.6	-6	WNW	1	mo	45	43	6				8	5	8	11	40
	Cas. Archdale	225	38.5	-2	-	0	c	43	43	8				8	4	8	20	25
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	37.6	-6	NW'W	3	do	45	41	8				8	8	-	32	-
20	Rinesanna †	13	38.8	+2	-	0	mo	43	43	6				8	8	-	43	-
	Valentia †	30	37.9	-2	-	0	o	45	41	8				8	8	-	42	-
	Roches Point †	22	38.1	-4	NNE	1	c	48	44	8				8	8	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

OBSERVATIONS at 06hr. G.M.T. 14 December

District	Stations	Baroms. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility o-9 (24)	Cloud. Form. Low. (25a)	Cloud. Form. Med. (26a)	Cloud. Form. High. (27)	Cloud. Amount. Total. o-o (28)	Cloud. Amount. Low. A. o-9 (29)	Cloud. Amount. Low. B. o-o (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. o-9 (33)
1	Kew	34.1	0	N	2	mo	44	41	6				8	3	6	18	25	1
	Croydon	34.0	-2	N	2	do	43	40	6				8	5	8	8	15	1
	S. Farnborough	34.4	+2	NE	3	c	44	40	5				9	6	-	23	-	1
	Boscombe Down	34.1	+2	N	2	c	44	40	7				8	5	-	23	-	1
	Calshot	34.5	-6	NE	1	c	45	40	8				8	8	-	28	-	0
	Tangmere	33.5	-4	N	3	mo	44	42	5				8	8	-	15	-	1
	Lympne	32.6	-4	N	3	mo	41	38	6				8	8	-	14	-	1
	Manston	32.8	-6	N'W	4	c	43	40	7				8	8	-	31	-	1
2	Shoeburyness	33.4	-4	NNW	2	c	42	40	6				7	7	-	15	-	1
	Felixstowe	32.8	-2	N	3	c	42	39	7				8	8	-	31	-	1
	Gorleston	32.9	+2	N	4	c	44	37	7				8	8	-	30	-	0
	Mildenhall	34.1	+4	NW	2	bc	41	40	7				4	4	-	16	-	1
	West Raynham	33.3	0	N	3	mo	41	40	6				8	8	-	17	-	1
	Waddington	34.6	+4	NNW	3	mo	41	40	5				8	4	-	15	-	1
3	Cranfield	34.1	0	NNE	2	do	42	41	6				8	8	-	10	-	1
	Honiley	35.0	+2	N	1	mo	43	42	6				8	8	-	20	-	1
4	Little Rissington	34.9	0	NNW	2	o	42	41	7				8	8	-	25	-	1
	Defford	34.9	0	NE	1	mo	45	44	5				8	8	-	17	-	1
5	Bristol	34.7	-2	N	3	c	46	46	7				8	8	-	3	-	1
	Hartland Point	34.2	-4	NE	2	mo	49	47	6				8	8	-	8	-	1
	Yeovilton																	
	Portland Bill	33.1	-2	E	4	mo	47	46	6				6	6	-	10	35	1
	Exeter	34.9	-4	-	0	mo	44	43	6				8	5	8	18	45	1
	Plymouth	34.4	-6	NE	1	c	47	43	7				8	6	-	30	-	0
	St. Eval	35.0	-2	NE	1	mo	47	45	6				8	8	-	40	-	0
	Lizard	34.4	-2	E	3	c	48	47	7				8	8	-	20	-	0
	Guernsey	33.7	0	NE	3	mo	47	42	6				8	4	4	16	25	1
	Scilly, St. Marys	34.5	-6	NE	3	c	51	47	8				8	8	-	25	-	1
6	Fairwood	35.1	-2	NNE	2	c	46	45	7				8	8	-	60	-	1
	Perubroke	35.6	-4	NNE	3	c	48	48	7				8	8	-	23	-	1
	Aberporth	35.1	-4	N'W	1	c	46	46	7				8	3	8	5	57	1
7	Holyhead (Valley)	35.9	-2	-	0	do	47	46	5				8	8	-	30	-	1
	Hawarden	35.6	+2	NNW	2	m	45	45	3				8	8	-	7	-	1
8	Manchester	35.4	+2	N	2	mlf	44	44	4				8	8	-	12	-	1
	Squires Gate	36.0	+2	NNE	3	mo	44	41	6				8	3	-	35	-	1
	Carlisle	36.3	0	-	0	m	40	40	4				7	7	-	12	-	1
9	Finningley	35.5	+2	N	2	mo	43	41	6				8	8	-	34	-	0
10	Spurn Head	34.5	0	NNE	5	do	42	41	7				8	8	-	8	-	1
	Leeming	35.8	0	N	3	mo	43	42	5				8	8	-	12	-	1
	Tynemouth	36.0	-2	NE	3	o	45	40	7				8	8	-	15	-	1
	Acklington	36.1	0	NNW	2	mo	43	42	6				5	5	-	20	-	1
11	St. Abb's Head	36.5	+2	NNW	2	mo	44	44	6				4	4	-	20	-	1
	Leuchars	37.1	+2	-	0	mo	43	43	5				8	8	-	20	-	1
	Bell Rock	36.5	+2	NW	2	o	45	43	6				8	4	-	25	-	*
12	Renfrew	37.4	+2	-	0	mo	37	37	5	5	3		4	4	2	40	-	0
	Prestwick	36.8	0	-	0	m	39	38	4				7	7	-	42	-	1
	Wigtown	37.2	-4	-	0	bc	47	45	8				3	3	-	25	-	1
	Eskdalemuir	36.1	0	-	0	c	40	38	8				8	8	-	6	-	1
	Point of Ayre	36.3	+2	ESE	2	c	47	44	8				6	3	4	20	40	0
13A	Tiree	37.8	+2	NNE	2	c	47	47	7				8	8	-	20	-	1
	Benbecula	37.5	-2	-	0	o	45	45	8				8	8	-	30	-	1
13B	Stornoway	37.7	0	NW	2	c	45	45	7	7			8	4	8	25	-	1
	Cape Wrath	37.2	0	W	1	o	46	42	9	7	2		8	8	-	20	-	1
15	Dalwhinnie																	0
	Aberdeen	37.1	+2	NW'N	1	c	43	43	7				7	7	-	10	-	1
	Rattray	36.3	-2	NNW	2	dd	44	43	6				8	8	-	20	-	1
	Lossiemouth	37.8	+6	WSW	4	c	45	43	8				8	6	-	30	-	1
	Wick	37.0	0	NW	3	dd	45	43	7				8	8	-	15	-	1
16	Hatston	36.6	0	WNW	4	c	45	44	7				8	8	-	26	-	1
	Lerwick	35.3	-10	W	2	c	38	35	8				8	8	-	25	-	1
17	Blacksod Point †	37.8	-6	-	2	c	49	47	8				8	8	-	25	-	0
18	Malin Head †	37.6	0	NNE	1	c	49	47	8				8	8	-	25	-	1
	Aldergrove	37.2	-2	N	1	c/d	46	45	6				8	4	8	9	25	1
	Cas. Archdale	37.9	-2	-	0	c	43	43	7				8	8	-	30	-	1
19	Birr Castle †	37.4	0	N	1	c	42	41	7				8	8	-	25	-	1
	Collinstown †	37.0	-2	NW	3	do	44	43	7				8	8	-	12	-	1
20	Rinesanna †	38.1	-4	NW'N	1	mo	43	42	6				8	8	-	43	-	0
	Valentia †	37.3	-6	E'N	2	c	46	39	8				8	5	-	45	-	1
	Roches Point †	37.1	-6	NE	1	c	46	42	8				8	5	-	15	-	1

OBSERVATIONS Saturday NIGHT

District	Weather. 18h.-00h. (39)	Weather. 00h.-06h. (40)	Temperature 21h.-09h. Min. °F. (41)	Temperature 21h.-09h. Min. on Grass °F. (42)	Rain 21h.-09h. mm. (43)
1	cmo	cmo	42	41	0.1
	acmo	cdodo	42	41	tr
	cmo	omoido	42	38	-
	cmo	mobcmo	bc40	36	-
	ccmo	cmoc	42	39	tr
	cmoldocmo	Cmo	40	40	tr
	cmocvdomo	cidocmo	41	40	tr
	c	c	42	42	-
		cmo	41	40	tr
	cmocdodomo	cidodoA.c	42	41	0.1
	o	o	43	-	-
	cddodoc	cidobc	40	35	0.3
	cdmo	cdmcm	41	38	1
	cmbcm	cmbcmo	40	35	tr
	bcmocmo	bcmo cm.	41	-	tr
	cmo dodomo	cdodmcmo	42	41	2
	cm	omdd.cm.	41	41	tr
	cmo	cmodcmo	44	42	1
	cmo cmowo	cmo odof	44	40	0.3
	c	c	47	47	-
	oo	bcc	45	*	-
	cmo	cmobccmo	44	40	-
	cbccmo	cmobcc	46	42	tr
	cmodomo	o.do.cmo	46	44	-
	c	o	46	*	-
	c	oc	47	45	-
	c	c	49	*	-
	cmoc	c	45	42	-
	c	corbc	47	*	tr
	ccdomo	cidomoomoc	46	44	0.1
	emoldomo	cmoidomo	46	43	0.3
	cmcdodomcdod.mcm		44	40	0.2
	of	bffm	43	41	-
	cofofido	fidfbcmb	41	37	tr
	ffF	fffbf	38	30	0.2
	cmodocmo	cmg	43	41	0.1
	bcprodddo	oido	42	*	tr
	cfidocmo	cfommoido	41	39	1
	owiddrfld	oido	43	41	1
	cFcmcmo	bcmocmobcm	41	40	1
	cmobc	bcv	40	*	2
	cdodobcmobcd.d.cmo		41	39	1
	cfo	o	*	*	-
	cdobcmo	offbc	37	33	tr
	ccdomcw	cbcmbffm	36	33	tr
	co	o	37	31	-
	cdomoc	c	39	33	0.2
	odoc	oc	45	*	tr
	ccw	cw	45	44	-
	oc	oeom	44	42	-
	c	c	43	41	-
	c	coroo	45	42	tr
			39	38	-
	cmo	cmoc	42	36	-
	cc	omdd	38	*	0.5
	cdoc	cmof	41	39	-
	ododo	fdd.	45	39	1
	cbccdomo	cdomoc	42	40	2
	bcxbx	bxbcxc	25	22	tr
	c	c	42	*	-
	c	c	47	*	-
	cdocmo	cmocdodomo	44	43	0.2
	c	c	43	40	-
	d	c	42	41	-
	c	d	43	42	0.2
	c	c	41	41	-
	c	c	45	43	-
	c	c	45	*	-

The DAILY WEATHER REPORT is issued in three Sections – British, International, Upper Air.
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* Information not usually received.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

THE DAILY WEATHER REPORT

BRITISH SECTION OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 15th December, 1947 — No. 31434

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

Dist.	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	35·1	+2	NNE	4	Z_o	44	35	5	8	–	–	8	5	8	18	25
	Croydon	34·9	+2	N	3	Z	43	35	4	8	–	–	8	5	8	18	25
	S. Farnborough	35·3	+2	NNE	3	m_o	43	38	6	8	–	–	7	2	4	12	15
	Boscombe Down	34·9	−2	NNE	3	c	44	40	7	5	–	–	8	4	8	13	25
	Calshot	35·2	+4	NE|E	3	id_o	44	40	7	6	–	–	6	4	6	12	40
	Tangmere	34·8	+2	NNE	3	Z_o	43	24	6	5	–	–	8	5	8	10	15
	Lympne	35·7	+3.2	NW	4	c	42	36	7	5	–	–	8	8	–	26	–
	Manston	33·8	0	N	5	c	43	39	7	5	–	–	8	4	8	15	40
2	Shoeburyness	34·2	−6	NNE	2	m_o	43	37	6	5	–	–	8	8	–	19	–
	Felixstowe	33·9	+2	NE	3	c	44	37	7	5	–	–	8	8	–	25	–
	Gorleston	33·8	+8	NE	5	o	44	38	7	5	–	–	8	8	–	30	–
	Mildenhall	35·0	+2	N	2	c	43	39	7	5	–	–	8	5	8	3	25
	West Raynham	34·5	+6	N	3	c	43	36	7	5	–	–	8	4	8	20	25
	Waddington	35·4	0	NNW	4	id_o	43	40	5	5	–	–	8	4	8	8	15
3	Cranfield	35·1	+2	NNE	3	c/d	42	38	7	5	–	–	7	4	7	4	25
	Honiley	35·7	−2	NE	3	m_o	43	39	6	5	–	–	8	5	7	8	15
4	Little Rissington	35·7	+2	NE	3	c	42	38	8	5	–	–	8	5	8	10	15
	Defford	36·2	+2	NE	2	m_o	46	40	6	5	–	–	8	8	–	20	–
5	Bristol	35·6	−2	ENE	2	m_o	46	42	6	5	–	–	7	6	7	18	40
	Hartland Point	34·8	0	NE	2	c	47	48	7	5	7	–	8	4	4	–	–
	Yeovilton																
	Portland Bill	33·9	+6	E|N	4	Z_o	47	40	6	5	–	–	6	6	–	10	–
	Exeter	36·0	+4	ENE	1	c/d	45	45	5	5	–	–	8	7	8	25	40
	Plymouth	35·3	+2	–	0	d_o	47	45	2	–	–	–	9	9	–	0	–
	St. Eval	36·4	+2	–	0	m_o	49	46	6	5	–	–	8	5	8	25	40
	Lizard	34·5	0	E|S	2	m_o	47	45	6	5	–	–	8	8	–	16	–
	Guernsey	33·9	+2	NE|N	4	c	47	42	8	8	–	–	7	4	7	12	25
6	Scilly, St. Marys	35·1	+4	E|N	3	c	50	47	7	8	–	–	8	8	–	16	–
	Fairwood	35·6	+4	ENE	1	m_o	47	45	5	5	–	–	8	8	–	35	–
	Pembroke	35·7	0	NNE	3	c	49	49	7	5	–	–	7	7	–	29	–
	Aberporth	35·8	+2	–	0	c	47	45	8	8	–	–	8	3	8	2	40
7	Holyhead (Valley)	37·0	+4	ENE	2	bc	49	45	8	8	–	9	4	3	4	35	–
	Hawarden	37·1	+4	NNE	2	m	46	42	4	5	–	–	8	8	–	11	–
8	Manchester	36·9	+6	NE|N	3	m	44	40	4	5	–	–	8	4	8	14	25
	Squires Gate	37·2	+6	NE	3	bbc	47	41	7	5	–	–	7	3	7	20	40
	Carlisle	37·4	+4	–	0	mo	44	42	6	5	3	–	7	1	6	8	15
9	Finningley	36·4	+2	N	2	id_o	44	40	7	5	–	–	7	5	6	10	25
10	Spurn Head	35·7	+8	E|N	4	c	43	40	7	3	–	–	7	7	–	–	–
	Leeming	37·0	+2	NW	2	c/d	43	42	5	5	–	–	7	7	–	10	–
	Tynemouth	37·1	+2	NE	3	c	45	41	7	8	–	–	6.3	6	–	18	–
11	Acklington	37·3	+2	NNE	2	id_o	44	43	5	5	–	–	6	5	6	7	15
	St. Abb's Head	37·0	+2	NW|N	2	c-bcjf	44	44	6	7	–	–	5	5	–	30	–
	Leuchars	37·9	+2	W	1	c^{jf}	44	43	7	5	–	–	8	8	–	30	–
12	Bell Rock	36·2	+4	WNW	2	c	45	43	8	7	–	–	7	0	–	–	–
	Renfrew	38·6	+6	WNW	1	c-bcfg	44	44	2	5	–	–	5	4	4	25	40
	Prestwick	37·8	+2	–	0	mo	44	44	6	5	7	2	7	4	5	25	–
	Wigtown	38·0	0	W|SW	1	c	47	45	8	5	3	2	6	1	3	20	40
	Eskdalemuir	37·1	0	NNE	2	c	44	41	8	8	3	2	7	5	3	18	–
	Point of Ayre	37·6	+4	E|N	1	c	47	44	8	5	7	–	7	1	4	18	25
13a	Tiree	38·6	+2	NE	1	c	48	47	9	5	–	–	8	1	8	25	40
13b	Benbecula	38·1	+4	–	0	c	47	46	8	5	–	–	8	8	–	35	–
13a	Stornoway	38·4	+2	–	0	c	46	44	7	5	7	–	8	5	8	25	–
	Cape Wrath	37·6	+4	SW	7	o	47	45	8	5	–	–	8	8	–	20	–
15	Dalwhinnie																
	Aberdeen	37·6	+2	NW|W	3	c-bc	45	43	7	5	–	–	5	1	5	10	25
	Rattray	37·6	+18	NNW	2	c	46	45	7	8	–	–	8	8	–	20	–
	Lossiemouth	38·5	+4	WSW	3	c-bc	45	44	6	5	3	8	5	3	4	25	–
	Wick	37·5	0	SW	2	c	44	43	7	5	–	–	6	1	6	25	–
16	Hatston	37·4	+6	–	0	c	46	44	8	5	–	2	7	7	1	30	–
	Lerwick	35·7	+2	NW	3	c	45	42	8	8	9	–	6	3	4	8	25
17	Blacksod Point †	38·2	+4	–	0	c	47	43	8	5	–	–	8	8	–	25	–
18	Malin Head †	38·0	+4	NE	1	c-bc	50	46	8	5	–	–	8	5	–	25	–
	Aldergrove	37·9	+2	E	1	c	47	45	7	5	–	–	8	3	8	18	40
19	Cas Archdale	38·0	+2	–	0	c-bc	46	45	8	5	–	–	5	5	–	60	–
	Birr Castle †	36·6	−10	N	1	c	45	43	7	5	–	–	8	8	–	25	–
	Collinstown †	37·4	+4	E|S	2	c	47	45	7	5	–	–	7	7	–	35	–
20	Rineanna †	37·3	−2	NNW	1	c	46	44	8	5	3	–	7	7	–	45	–
	Valentia †	36·9	−2	SE|E	1	c	47	46	8	5	–	–	7	7	–	50	–
	Roches Point †	36·7	−2	ENE	2	c	48	40	8	5	–	–	6	6	–	25	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Dist.	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	‡ State of Ground. 0–9 (33)
1	Kew	35·3	+4	NNE	3	Z_o	43	33	6	5	–	–	8	8	0	21	–	1
	Croydon	34·9	+6	NNE	4	z_o	42	35	6	5	–	–	8	4	8	18	25	1
	S. Farnborough	35·3	+8	NNE	3	z_o	42	33	6	5	–	–	8	8	0	20	–	1
	Boscombe Down	35·0	+2	NNE	3	c	42	35	8	5	–	–	7	7	0	20	–	0
	Calshot	35·3	+6	NE	3	z_o	43	36	6	5	–	–	8	8	0	33	–	0
	Tangmere	34·6	+4	NE	2	m_o	42	39	6	5	–	–	8	8	0	10	–	0
	Lympne	33·6	+6	N	4	$d_o d_o$	41	38	7	5	–	–	8	8	0	21	–	1
	Manston	33·8	+2	N	4	bc/d	41	40	7	5	–	–	4	4	0	15	–	1
2	Shoeburyness	34·4	+2	NNW	2	m_o	41	37	6	5	–	–	8	8	0	19	–	1
	Felixstowe	33·8	0	NNE	2	c	42	38	7	5	–	–	8	8	0	25	–	0
	Gorleston	34·2	+10	NE	5	o	43	37	7	5	–	–	8	8	0	20	–	1
	Mildenhall	35·0	+4	N|W	1	c	41	38	7	5	–	–	8	4	8	15	25	1
	West Raynham	34·4	+4	NNE	3	c	41	35	7	5	–	–	8	8	0	25	–	1
	Waddington	35·2	0	NNE	3	id_o	41	35	5	5	–	–	8	4	8	1:	15	1
3	Cranfield	35·2	+6	NNE	3	c	41	36	7	5	–	–	8	8	0	32	–	1
	Honiley	36·0	+4	NE	2	m_o	41	38	6	5	–	–	8	8	0	15	–	1
4	Little Rissington	35·9	+6	NNE	3	id_o	40	36	7	5	–	–	8	8	0	11	–	1
	Defford	36·4	+6	NNE	2	m_o	43	37	5	5	–	–	8	8	0	22	–	1
5	Bristol	35·8	+6	NE	2	m_o	43	38	5	5	–	–	8	8	0	22	–	1
	Hartland Point	34·6	+4	E	3	c	46	41	7	5	–	–	7	7	0	–	–	1
	Yeovilton																	
	Portland Bill	33·5	0	E|N	3	o	44	36	6	5	–	–	8	8	0	10	25	1
	Exeter	35·3	0	NNE	2	c/d	45	42	7	5	–	–	8	4	8	29	40	1
	Plymouth	35·3	+6	NE	2	c/f	46	41	3	5	–	–	8	5	8	10	15	1
	St. Eval	35·1	+2	E	2	m_o	45	45	6	5	–	–	8	3	8	15	40	1
	Lizard	34·3	0	E|S	2	c/r	48	46	7	5	–	–	8	8	0	12	–	1
	Guernsey	33·8	+6	NE|N	4	c	45	40	7	5	–	–	8	4	8	10	25	0
6	Scilly, St. Marys	34·5	+4	ENE	2	c	50	47	6	8	–	–	8	8	0	–	–	1
	Fairwood	35·6	+6	–	0	m_o	45	43	5	5	–	–	8	8	0	27	–	1
	Pembroke	35·4	+4	NE	2	c	46	46	6	5	–	–	8	8	0	25	–	0
	Aberporth	36·1	+8	ENE	3	m_o	44	39	6	5	7	–	7	5	5	31	–	1
7	Holyhead (Valley)	37·3	+6	NE	3	c	45	41	7	5	–	–	8	8	0	30	–	0
	Hawarden	37·2	+8	N	1	m	43	42	5	5	–	–	8	4	8	8	40	1
8	Manchester	36·7	+6	N|E	2	m_o	43	39	5	5	–	–	8	4	8	12	40	1
	Squires Gate	37·1	+4	–	0	m/f	45	42	4	5	–	–	8	4	8	25	40	1
	Carlisle	37·3	−2	–	0	m	43	42	4	5	–	–	8	8	0	5	–	1
9	Finningley	36·4	+6	N	2	m_o	42	39	6	5	–	–	7	7	0	21	–	1
10	Spurn Head	36·1	+14	NNE	4	$d_o d_o$	42	41	7	3	–	–	8	8	0	–	–	1
	Leeming	36·1	−6	N	2	id_o	42	41	4	5	–	–	8	8	0	13	–	1
	Tynemouth	37·8	+20	N	2	id_o	45	43	5	5	–	–	7	7	0	12	–	1
11	Acklington	37·5	+6	NNW	3	m_o	43	42	6	5	–	–	6	6	0	20	–	1
	St. Abb's Head	37·3	+6	NW|N	3	m_o	45	43	6	7	–	–	7	7	0	20	–	1
	Leuchars	38·0	+6	–	0	c	44	42	7	5	–	–	8	8	0	43	–	1
12	Bell Rock	36·1	+10	N|W	2	c	46	42	8	–	7	–	7	0	0	–	–	*
	Renfrew	38·5	+8	–	0	c-bc/f	43	42	4	5	7	–	5	3	4	25	40	0
	Prestwick	38·2	+8	–	0	m	45	43	4	5	–	–	8	8	0	18	–	1
	Wigtown	38·5	+8	–	0	m_o	42	42	6	5	7	–	8	4	8	25	–	1
	Eskdalemuir	37·5	+4	N	1	c	43	38	7	5	–	–	8	8	0	19	–	1
	Point of Ayre	38·0	+8	ENE	1	c	45	44	8	6	5	–	7	2	5	18	–	0
13a	Tiree	38·4	+4	–	0	c	46	45	9	5	–	–	8	8	0	40	–	1
13b	Benbecula	38·1	0	–	0	c	46	44	8	5	–	–	8	8	0	40	–	1
13a	Stornoway	38·3	+10	–	0	c	46	44	7	5	7	–	8	4	8	20	–	1
	Cape Wrath	37·6	0	SSW	2	o	47	45	8	5	–	–	8	8	0	20	–	0
15	Dalwhinnie	39·0	+4	SE	1	c	39	36	7	5	–	–	6	6	0	10	–	0
	Aberdeen	38·2	+6	NW|W	2	m_o	42	40	6	5	–	–	2	2	0	30	–	1
	Rattray	36·2	0	NNW	2	c-bc	42	41	7	5	–	–	5	5	0	25	–	1
	Lossiemouth	37·8	+18	W	3	c	44	42	7	5	–	–	7	7	0	30	–	1
	Wick	37·8	+6	–	0	c	43	41	8	5	–	–	8	8	0	42	–	1
16	Hatston	37·5	+10	W	3	c	48	47	8	5	–	–	8	3	8	7	40	1
	Lerwick	35·7	+6	W	3	c	45	45	7	5	3	1	8	3	4	25	–	1
17	Blacksod Point †	37·6	0	–	0	c	46	44	7	5	–	–	8	8	1	25	–	0
18	Malin Head †	37·7	+4	–	0	c	49	41	8	5	–	–	6	6	1	2$	–	1
	Aldergrove	38·2	+4	N	1	id_o	45	45	5	5	–	–	8	8	0	20	–	1
19	Cas Archdale	38·1	+6	–	0	c	45	45	8	5	7	–	7	5	7	40	–	1
	Birr Castle †	36·4	+2	N	1	c	45	45	7	5	–	–	8	8	–	25	–	1
	Collinstown †	37·9	+6	–	0	c	46	42	8	5	–	–	8	8	–	37	–	1
20	Rineanna †	37·0	+2	NNE	1	c	45	45	7	5	–	–	8	8	–	14	–	1
	Valentia †	35·9	0	E|N	2	c	45	41	7	5	–	–	8	8	–	32	–	1
	Roches Point †	35·7	0	NE	3	c	47	45	8	5	–	–	8	8	–	15	–	1

OBSERVATIONS during DAY (14th)

Dist.	Stations	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	cdo ido mo	cz_o	44	0·0	Tr
	Croydon	edo do mo cm	cz	43	0·0	Tr
	S. Farnborough	cm o ido cm o	cm_o	43	0·0	Tr
	Boscombe Down	c	c	44	0·1	–
	Calshot	cv-b cm cm o	$cid_o cm_o$	48	0·0	–
	Tangmere	cm o ido	cm_o	48	0·0	–
	Lympne	c	$cid_o d_o d_o$	42	0·0	Tr
	Manston	c	$cd_o d_o$	44	0·0	0·3
2	Shoeburyness	cz_o	cm_o	43	0·0	Tr
	Felixstowe	c	c id o c	44	0·0	Tr
	Gorleston	air_o	o	45	0·0	Tr
	Mildenhall	b c id o m o c	cdo c	43	0·0	Tr
	West Raynham	c m o c	c	43	0·0	–
	Waddington	c id o m o	$cid_o r_o d_o m_o$	43	0·1	0·5
3	Cranfield	c id o r, i do	c	43	0·1	Tr
	Honiley	c id c m o	cm_o	43	0·0	Tr
4	Little Rissington	cm o c id o c	e o id_o	42	0·0	Tr
	Defford	c do m o m o	cm_o	46	0·0	Tr
5	Bristol	f d o cm o	c m o	46	0·0	Tr
	Hartland Point	c	b c c	49	0·0	–
	Yeovilton					
	Portland Bill	cc	o o	48	*	–
	Exeter	e c id o m f cm o	$cm_o f g id_o g$ c	47	0·0	0·2
	Plymouth	cm o cm o f d o d o	$f_o d_o d_o c f$	49	0·0	0·4
	St. Eval	cm o	cm_o	49	0·0	–
	Lizard	cz	$pm_o lr_o$	50	0·0	0·3
	Guernsey			47	0·1	–
6	Scilly, St. Marys	c	c	51	0·0	–
	Fairwood	c m o	$cm_o om_o$	47	0·0	–
	Pembroke	c	cc	50	0·0	–
	Aberporth	z cm o cm ci cm o	cm_o	47	0·7	Tr
7	Holyhead (Valley)	$cid_o m_o d_o d_o c$	b c c j f c	50	2·6	–
	Hawarden	cm	cm_o j cm	46	0·0	–
8	Manchester	cm o	cm	44	0·0	Tr
	Squires Gate	c, cm o, m c	$cm_o mfff m$	47	0·0	–
	Carlisle	cm c d e d e cm o	cm_o cm	45	*	Tr
9	Finningley	cm o cid o	$ciq_o g cm_o$	44	0·2	0·1
10	Spurn Head	o id o p f o c	o d o d c	44	0·0	0·2
	Leeming	cm o d o	$cid_o m_o$	44	*	–
	Tynemouth	c	$eid_o m_o$	46	*	1
11	Acklington	cm o id o d	cm_o	46	0·0	2
	St. Abb's Head	Fr f o c jf	$cjf cm_o$	45	*	Tr
	Leuchars	cm o b c c	c	46	0·1	–
12	Bell Rock	cc	c	*	*	–
	Renfrew	c i d o m	c f f j cm	47	0·0	–
	Prestwick	cm cm o	$cm_o n$	48	*	–
	Wigtown	b c c	b c f g cm_o	49	*	–
	Eskdalemuir	c	c	45	0·0	–
	Point of Ayre	c	b c c w	48	0·7	–
13a	Tiree	c w c	c	48	0·0	–
13b	Benbecula	o	o	48	*	–
13a	Stornoway	c	c	47	0·0	–
	Cape Wrath	o	o	49	*	–
15	Dalwhinnie		c	43	0·0	–
	Aberdeen	c r o c b c	b c c b c b cm_o	47	1·0	Tr
	Rattray	c m c m	c c	47	*	–
	Lossiemouth	c d m c	c c	47	1·1	–
	Wick	b b c f g b	c c	45	1·5	Tr
16	Hatston	c i d m c	c	48	1·0	0·2
	Lerwick	c i d o, c	c c i r o c	46	0·0	0·4
17	Blacksod Point †	c	c	47	*	–
18	Malin Head †	c b c	c	50	0·0	–
	Aldergrove	c d o d o m o c	$cm_o m_o id_o$	47	0·0	Tr
19	Cas Archdale	c	c	47	0·0	–
	Birr Castle †	c c	c c	45	0·0	0·2
	Collinstown †	c c	c c d	48	0·0	Tr
20	Rineanna †	c c	d	48	0·2	Tr
	Valentia †	c c	c	48	0·0	Tr
	Roches Point †	c	c	49	*	–

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

0 = Nil; 1 = 1/10; 2 = 2/10; 3 = 3/10; 4 = 4/10; 5 = 5/10; 6 = 6/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.; z = Trace.

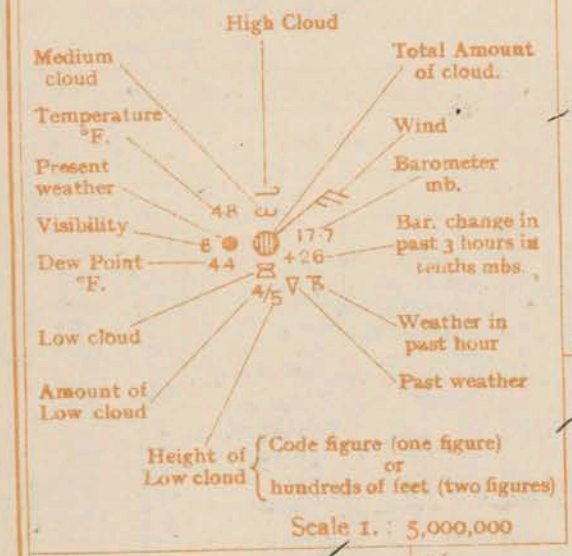
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Monday 15th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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 % Today
Kew	cc$_0$d$_0$d$_0$m$_0$	cz$_0$	ci$_0$c$_0$m$_0$	44	37	26	Tr	Tr	0·0	*	*
Croydon	cc$_0$d$_0$m$_0$cm	cz	ci$_0$ch$_0$m$_0$	43	35	30	Tr	Tr	0·0	71	95
Greenwich	cm$_0$	cm$_0$	cu$_0$b	43	37	30	–	Tr	0·0	71	90
Westminster	*	*	*	45	38	35	0·1	*	*	75	85
Regents Park	*	*	*	43	38	32	–	–	*	83	87
Camden Square	0	0	*	43	38	32	–	–	*	*	93
Kensington	c	cz	*	49	38	29	–	–	*	74	91
Hampstead	0	0	c	41	37	33	–	–	*	*	98

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 40·1 Time 21–22hrs Min. 40·1 Time 0–6hrs on 15th

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

GENERAL INFERENCE

A large anticyclone covers the British Isles.
It will continue mainly cloudy with very slight local drizzle. There will be local mist and fog patches chiefly near large towns.
It will be rather cold generally with temperatures in the Midlands, East and Southeast England a little higher than of late.

FURTHER OUTLOOK

Little Change.

Chart of Weather in the Northern Hemisphere.

Morning of

Monday 15th December

1947

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

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character-istics 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.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 15th December 1947

No. 31434

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

District	Stations	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16						40										
	Croydon	217	36·4	+4	NNE	2	mo	40	36	5	5	-	-	6	6	-	21	-
	S. Farnborough	226	36·6	+2	NNE	2	mo	40	37	6	-	-	-	8	8	0	-	-
	Boscombe Down	417	36·3	0	NNE	2	c	40	35	7	5	-	-	8	8	-	27	-
	Calshot	8	36·6	+2	NE	2	c	42	34	8	5	7	-	8	5	8	37	-
	Langmere	53	36·9	+14	NNE	2	mo	36	34	6	5	-	-	2	2	-	20	-
	Lympne	341	34·9	+2	NNE	3	bc	39	38	8	5	-	-	4	4	-	12	-
	Manston	140	35·4	+6	ENE	3	bc	41	40	7	5	3	-	4	3	4	15	-
2	Shoeburyness	11	35·1															
	Felixstowe	10	35·3	+4	N	3	b·bc	39	37	7	5	-	-	3	3	-	30	-
	Gorleston	5	35·9	+8	N	4	bc/pr	42	39	7	3	-	-	4	4	-	20	-
	Mildenhall	25	36·4	+6	NNW	1	bbc/d	40	39	7	5	-	-	3	3	-	15	-
	West Raynham	250	36·0	+6	N	2	id.	40	37	7	5	-	-	8	8	-	28	-
	Waddington	235	36·6	+4	N	2	id.	40	39	7	4	-	-	8	8	-	32	-
3	Cranfield	340	36·7	+2	NNE	2	id.	40	38	7	5	-	-	8	8	-	25	-
	Honiley	427	37·3	+2	NNE	2	mo	40	39	5	5	-	-	7	7	-	15	-
4	Little Rissington	731	37·1	+4	N	2	id.	38	37	6	5	-	-	8	5	8	4	15
	Defford	58	37·5	+2	NNE	1	mo	42	38	6	5	-	-	8	8	-	28	-
5	Bristol	209	37·1	+4	NE	3	c	41	38	7	5	-	-	8	8	-	25	-
	Hartland Point	299	35·7	+6	ENE	3	c	44	38	7	5	-	-	8	8	-	-	-
	Yeovilton	50																
	Portland Bill	32	35·1	+8	E'N	3	2o	44	33	6	5	-	-	8	8	-	10	27
	Exeter	100	37·2	+6	ENE	3	c	42	38	7	5	-	-	8	4	7	18	25
	Plymouth	86	36·3	+4	E	1	2o	44	37	5	5	-	-	8	4	8	10	25
	St. Eval	345	36·3	+6	E	1	mo	44	41	6	5	-	-	8	8	-	40	-
	Lizard	240	34·9	+4	E'S	3	0	47	43	7	5	-	-	8	8	-	15	-
	Guernsey	340	34·8	+2	NE	3	2o	45	38	6	5	-	-	8	4	8	12	25
	Scilly, St. Marys	163	34·7	+2	E'S	3	c	48	45	7	8	-	-	6	6	-	-	-
6	Fairwood	268	37·4	+8	ENE	2	mo	43	37	5	5	-	-	8	8	-	29	-
	Pembroke	142	37·2	+4	E	4	mo	45	41	6	5	-	-	8	8	-	20	-
	Aberporth	425	37·4	+4	ENE	2	c	43	37	7	5	-	-	8	8	-	22	-
7	Holyhead (Valley)	32	38·5	+4	NE	1	0	45	40	7	5	-	-	8	8	-	30	-
	Hawarden	15	38·2	0	NW	1	m	43	42	5	5	-	-	8	8	-	28	-
8	Manchester	230	37·7	0	NNE	2	mo	43	39	5	5	-	-	8	8	-	20	-
	Squires Gate	33	38·0	+6	NNE	1	mo	44	41	6	5	-	-	8	8	-	30	-
	Carlisle	100	38·1	0	-	0	m	42	41	4	5	-	-	4	4	-	30	-
9	Finningley	28	37·6	+6	N	1	mo	41	39	6	5	-	-	8	3	8	15	25
10	Spurn Head	29	36·7	+2	NE	4	c	43	38	7	2	-	-	8	8	-	-	-
	Leeming	105	37·9	0	-	0	ft	42	42	2	-	-	-	9	9	-	0	-
	Tynemouth	108	38·2	0	N	1	do	45	44	7	8	-	-	8	8	-	12	-
	Acklington	138	37·9	-2	NW	2	c	44	43	7	5	-	-	6	6	-	30	-
11	St. Abb's Head	280	38·0	+2	NW'N	2	F+	44	39	7	1	-	-	9	9	-	0	-
	Leuchars	31	38·7	0	-	0	c	42	40	7	5	-	-	8	8	1	43	-
	Bell Rock	—	37·0	+2	WNW	2	c	45	40	8	7	-	-	6	-	-	-	-
12	Renfrew	35	39·3	0	-	0	mo	41	41	6	5	-	-	7	7	-	40	-
	Prestwick	30	38·9	0	-	0	mo	43	42	5	5	-	-	8	8	-	42	-
	Wigtown	10	39·2	+6	-	0	c	42	41	8	5	-	-	7	3	7	25	40
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	38·8	+2	NE'E	2	0	47	44	8	5	-	-	8	8	-	25	-
13A	Tiree	44	38·9	-2	ESE	3	b·bc	45	37	8	5	-	-	3	3	-	40	-
	Benbecula	27	38·5	+2	-	0	0	46	42	8	5	-	-	8	8	-	40	-
13B	Stornoway	12	38·5	-2	-	0	c	46	44	7	5	7	-	8	5	8	20	-
	Cape Wrath	367	37·8	0	W	1	0	47	45	8	5	-	-	8	8	-	20	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						44										
	Rattray	46	37·6	+2	W	2	c	44	42	7	5	-	-	8	8	-	25	-
	Lossiemouth	21	38·6	0	W	3	c	45	41	7	5	-	-	7	7	-	30	-
	Wick	114	37·5	-2	W	2	c	44	43	8	5	-	-	8	8	-	44	-
16	Hatston	45	36·8	-4	WNW	4	bc	46	45	7	5	-	-	4	4	-	25	-
	Lerwick	269	35·0	-2	W	3	c	46	46	7	5	7	-	7	3	4	24	40
17	Blacksod Point †	18	37·8	+2	-	0	c	45	43	7	5	-	-	8	8	-	25	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	38·9	+2	E	1	mo	45	45	5	5	-	-	8	4	8	27	40
	Cas. Archdale	225	38·4	-2	-	0	mo	44	44	6	5	-	-	8	5	8	20	25
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	38·5	+2	E	0	c	44	42	8	5	-	-	8	8	-	35	-
20	Rineanna †	13	37·6	+2	E	2	c	46	44	7	5	-	-	8	8	-	40	-
	Valentia †	30	35·6	-2	E'N	4	c	48	40	8	5	-	-	7	7	-	37	-
	Roches Point †	22	36·2	+2	ENE	3	ic	47	47	8	6	2	-	8	4	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0–9 (33)	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	37·2	+6	NE	2	mo	38	35	5	5	-	-	5	5	-	31	-	1	cid. cm.	cm. w	37	26	TR
	Croydon	37·2	+6	N	2	mo	38	36	5	-	-	-	5	0	-	-	-	1	c id. m.	cbc bm.	35	30	TR
	S. Farnborough	37·1	+2	NW	1	mo	34	34	8	-	-	-	7	0	-	-	-	1	cbc bm.	bcm. bw	31	24	-
	Boscombe Down	37·1	+6	NW	3	mo	39	37	6	5	-	-	7	0	-	29	-	0	c	ccm.	37	36	-
	Calshot	37·2	+6	ENE	2	b	37	36	7	-	-	-	0	0	-	-	-	0	cm. c	cbcb	36	32	-
	Langmere	36·5	+6	NNE	4	mo	37	36	5	-	-	-	0	0	-	-	-	0	cm. bm.	bm.	34	30	-
	Lympne	35·5	+6	NW	4	b·bc	37	36	8	5	-	-	3	3	-	03	-	1	cdc do bc	bcbwbcw	35	32	TR
	Manston	36·0	+6	N	4	b·bc	40	39	7	5	-	-	3	3	-	15	-	1	cdc do bc	bcb	29	35	-
2	Shoeburyness	36·8	+12	NNW	2	b·bc	34	32	7	5	-	-	3	3	-	45	-	1		bbc	33	25	TR
	Felixstowe	35·7	+12 +6	N	3	bbc	38	37	7	5	-	-	3	3	-	15	-	0	bc id. bc	b	36	34	TR
	Gorleston	35·3	0	NE	4	b·bc	43	40	7	5	-	-	3	3	-	30	-	1	bcpr	cbc	40	.	0·5
	Mildenhall	36·6	+2	NW	2	c/d	40	40	6	5	-	-	8	7	8	25	40	1	o c do bc	od. do c	38	38	0·1
	West Raynham	36·3	+4	NNW	3	c/d	40	39	7	5	4	-	8	4	8	30	40	1	c id. o bcc	cid. mo cad. c	39	36	0·1
	Waddington	37·4	+6	NW	2	id.	40	39	7	5	-	-	8	8	-	25	-	1	c id. o fm	cid. o mm.	39	36	03
3	Cranfield	37·0	+2	N'E	2	id.	39	38	6	5	-	-	8	4	8	06	15	1	c c id. o	cid. o c mo	38	.	1
	Honiley	38·2	+6	NNE	2	mo	40	38	6	5	-	-	8	5	8	15	25	1	c i d. o cm. o	cid. o m. cm. o	39	.	TR
4	Little Rissington	37·8	+6	NNW	2	c/d	38	37	6	5	-	-	8	4	8	04	15	1	oid. o oc mo	od. o d. mid. o	38	38	TR
	Defford	38·4	+6	NNE	2	mo	41	39	5	5	-	-	8	8	-	22	-	1	cm. o	cm. o	41	39	-
5	Bristol	37·5	+2	NE	1	c	40	38	7	5	-	-	8	8	-	26	-	1	id. o cm. o c	ccm. o vc w	39	38	TR
	Hartland Point	36·4	0	ENE	2	c	42	35	7	5	-	-	8	8	-	-	-	1	c	c	41	40	-
	Yeovilton																	0			38	35	
	Portland Bill	35·5	+4	ENE	3	2o	41	33	6	5	-	-	3	3	-	20	-	1	0	obc	39	*	-
	Exeter	37·9	+2	ESE	1	c	41	38	7	5	-	-	8	8	-	40	-	1	c	cm. o c	40	37	0·1
	Plymouth	37·2	+4	NE	3	2o	42	35	6	5	-	-	8	8	-	20	-	1	bc m cm. o	cm. o	41	40	-
	St. Eval	37·6	+6	E	3	mo	41	37	6	5	-	-	8	8	-	17	-	1	cm. o	cm. o c	40	39	-
	Lizard	35·7	+6	E	3	c	45	39	7	5	-	-	8	8	-	15	-	0	o	c	44	*	-
	Guernsey	35·4	+4	NE	3	c	44	37	7	5	-	-	8	8	-	10	-	0	c	c	43	41	-
	Scilly, St. Marys	35·7	+6	E	3	c	47	43	8	8	-	-	8	8	-	-	-	1	c	c	46	*	TR
6	Fairwood	38·2	+6	E	2	2o	42	35	6	5	-	-	8	8	-	33	-	1	o m o	am. o zo.	41	39	-
	Pembroke	38·1	+2	E'N	2	c	44	42	7	5	-	-	8	8	-	25	-	0	cm. o cm	cm. c	43	*	-
	Aberporth	38·1	+4	ESE	2	c	42	36	7	5	-	-	8	8	-	24	-	1	cm. o	c	41	40	-
7	Holyhead (Valley)	39·0	+4	N	1	0	44	42	7	5	-	-	8	8	-	31	-	0	o	o	43	42	-
	Hawarden	38·9	+2	-	0	m	42	41	4	5	-	-	8	8	-	28	-	1	cm	cm	41	40	-
8	Manchester	38·3	+2	-	0	mo	42	39	6	5	-	-	8	4	8	13	15	1	cm o cm i d. o	cm. o	40	38	TR
	Squires Gate	38·8	+4	-	0	mo	42	41	6	5	-	-	8	8	-	45	-	1	cm i c.	cm. o	41	40	-
	Carlisle	38·7	+2	-	0	mo	40	39	5	5	-	-	8	7	-	33	-	1	cm.	bcm cm. o	40	37	-
9	Finningley	37·9	+2	N	2	mo	41	39	6	5	-	-	8	5	8	23	-	1	c i d. do m. o	cm. o	40	35	0·1
10	Spurn Head	36·9	+2	NNE	4	id.	43	41	7	-	-	-	8	8	-	-	-	1	o	oid. o	40	*	3
	Leeming	38·2	+4	NW	1	f	42	41	7	-	-	-	8	8	-	0	-	1	cm bm of a f d. o.		40	38	0·3
	Tynemouth	38·4	+2	NW	2	mo	44	41	6	5	-	-	8	8	-	12	-	1	c i d. o c d. o d. o	cm. o d. o m. o	44	41	0·3
	Acklington	38·2	+2	WNW	3	mo	43	41	6	6	-	-	7	7	-	30	-	1	cm o i r c	cm. o id. o c	41	39	0·4
11	St. Abb's Head	37·4	0	W	2	qf	45	38	6	5	-	-	8	8	-	20	-	0	bc m o F	c f e j f	43	*	-
	Leuchars	38·7	+2	-	0	mo	43	38	8	5	-	-	8	8	-	46	-	1	c	c	41	40	-
	Bell Rock	37·8	0	NW	4	0	45	39	8	5	2	-	8	8	-	40	-	1	c	c o	*	*	-
12	Renfrew	39·8	+4	-	0	mo	41	39	6	4	-	-	8	8	-	-	-	1	c m o w	cm. o w	39	31	-
	Prestwick	39·7	+6	ENE	0	mo	42	40	5	5	-	-	8	8	-	42	-	1	cm c m. o w	cm. o w	41	39	-
	Wigtown	39·9	+4	WNW	1	0	42	39	7	5	-	-	8	8	-	35	-	1	cm. o c	c o	40	40	-
	Eskdalemuir	38·5	0	N'E	1	c	41	33	8	5	-	-	8	8	-	21	-	1	c f. o f. o c	c o	39	37	0·1
	Point of Ayre	39·0	0	-	0	c	46	43	8	5	-	-	8	8	-	25	-	0	o	c o	44	.	-
13A	Tiree	39·3	0	E	2	c	44	41	8	5	-	-	7	7	-	33	-	1	cbcw	bcbwxc	38	29	TR
	Benbecula	39·2	+2	SSW	1	0	45	42	8	5	-	-	8	8	-	38	-	0	o	o	45	43	-
13B	Stornoway	38·4	0	WSW	2	c	45	42	8	5	7	-	8	5	8	15	-	1	c	c o	45	42	TR
	Cape Wrath	38·1	+2	W	2	0	48	41	8	5	-	-	8	8	-	20	-	0	c	c	45	32	-
15	Dalwhinnie																	0			36	33	
	Aberdeen	37·8	-2	ONO	2	c	45	40	7	5	-	-	8	8	-	40	-	1	bm. o cm. o	cm. o c	42	36	-
	Rattray	36·1	-2	NW	2	c	45	40	7	5	-	-	8	8	-	25	-	1	c	c	42	*	-
	Lossiemouth	38·9	0	W	3	c	45	42	7	5	-	-	8	8	-	30	-	1	c	c	41	40	-
	Wick	37·6	+6	W	3	c	45	44	8	5	-	-	8	8	-	44	-	1	c	c	42	41	-
16	Hatston	37·4	+4	W	3	c	47	44	7	5	-	-	8	8	-	25	40	1	c i r. b c	c b c c	45	42	-
	Lerwick	35·0	+4	W	3	c	46	44	8	5	-	-	8	8	-	25	-	1	c b w b c c	c	45	39	TR
17	Blacksod Point †	37·8	+2	ESE	2	c	47	43	7	5	-	-	8	8	-	25	-	1	c	c c	45	*	-
18	Malin Head †	38·7	+4	-	0	c	46	44	8	5	-	-	8	8	-	25	-	1		c c	45	*	-
	Aldergrove	39·2	+6	-	0	mo	43	42	6	5	-	-	8	8	-	40	-	1	o m o i d o	c m. o	43	41	-
	Cas. Archdale	39·4	+6	-	0	mo	43	43	6	5	-	-	8	8	-	20	-	1	cc m o	cm. o	42	40	-
19	Birr Castle †	37·7	+2	NNE	1	c	43	41	7	5	-	-	8	8	-	25	-	1	*	*	43	42	-
	Collinstown †	39·1	+4	E'S	1	id.	44	40	8	5	-	-	8	8	-	32	-	1			44	42	0·1
20	Rineanna †	37·9	-2	ENE	3	c	44	40	8	5	-	-	8	8	-	40	-	1	c c c r	c c c c	43	40	TR
	Valentia †	36·1	+2	E	3	c	48	40	8	5	-	-	7	7	-	28	-	1			44	43	TR
	Roches Point †	36·7	0	E	3	c	47	43	8	5	-	-	8	8	-	25	-	1		c	45	*	0·5

OBSERVATIONS Sunday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	c i d. o cm. o	cm. o w	37	26	TR
	Croydon	c i d. o m. o	c b c bm. o	35	30	TR
	S. Farnborough	c b c bm. o	bcm. bw	31	24	-
	Boscombe Down	c	c cm. o	37	36	-
	Calshot	cm. o c	c b c b	36	32	-
	Langmere	cm. o bm. o	bm. o	34	30	-
	Lympne	c d. o d. o b c	bcbwbcw	35	32	TR
	Manston	c d. o d. o b c	b c b	29	35	-
2	Shoeburyness		b b c	33	25	TR
	Felixstowe	b c i d. o b c	b	36	34	TR
	Gorleston	b c p r	c b c	40	.	0·5
	Mildenhall	o c d. o b c	od. o d. o c	38	38	0·1
	West Raynham	c i d. o b c c	c i d. m. o c a d. o c	39	36	0·1
	Waddington	c i d. o f m	c i d. o m m.	39	36	03
3	Cranfield	c c i d. o	c i d. o c m. o	38	.	1
	Honiley	c i d. o c m. o	c i d. o m. o c m. o	39	.	TR
4	Little Rissington	o i d. o o c m. o	od. o d. o mid. o	38	38	TR
	Defford	c m. o	c m. o	41	39	-
5	Bristol	i d. o c m. o c	c c m. o v c w	39	38	TR
	Hartland Point	c	c	41	40	-
	Yeovilton			38	35	
	Portland Bill	o	o b c	39	*	-
	Exeter	c	c m. o c	40	37	0·1
	Plymouth	b c m c m. o	c m. o	41	40	-
	St. Eval	c m. o	c m. o c	40	39	-
	Lizard	o	c	44	*	-
	Guernsey	c	c	43	41	-
	Scilly, St. Marys	c	c	46	*	TR
6	Fairwood	o m. o	a m. o z. o	41	39	-
	Pembroke	c m. o c m	c m. c	43	*	-
	Aberporth	c m. o	c	41	40	-
7	Holyhead (Valley)	o	o	43	42	-
	Hawarden	c m	c m	41	40	-
8	Manchester	c m o c m i d. o	c m. o	40	38	TR
	Squires Gate	c m i d.	c m. o	41	40	-
	Carlisle	c m.	b c m c m. o	40	37	-
9	Finningley	c i d. o b m. o	c m. o	40	35	0·1
10	Spurn Head	o	o i d. o	40	*	3
	Leeming	c m b m o f	a f d. o.	40	38	0·3
	Tynemouth	c i d. o c d. o d. o	c m. o d. o m. o	44	41	0·3
	Acklington	c m o i r c	c m. o i d. o c	41	39	0·4
11	St. Abb's Head	b c m o F	c f e j f	43	*	-
	Leuchars	c	c	41	40	-
	Bell Rock	c	c o	*	*	-
12	Renfrew	c m o w	c m. o w	39	31	-
	Prestwick	c m c m o w	c m. o w	41	39	-
	Wigtown	c m. o c	c o	40	40	-
	Eskdalemuir	c f. o f. o c	c o	39	37	0·1
	Point of Ayre	o	c o	44	.	-
13A	Tiree	c b c w	b c b w x c	38	29	TR
	Benbecula	o	c o	45	43	-
13B	Stornoway	c	c o	45	42	TR
	Cape Wrath	c	c	45	32	-
15	Dalwhinnie			36	33	
	Aberdeen	b m. o c m. o	c m. o c	42	36	-
	Rattray	c c	c c	42	*	-
	Lossiemouth	c	c	41	40	-
	Wick	c	c	42	41	-
16	Hatston	c i r. b c	c b c c	45	42	-
	Lerwick	c b w b c c	c	45	39	TR
17	Blacksod Point †	c	c c	45	*	-
18	Malin Head †		c c	45	*	-
	Aldergrove	o m o i d o	c m. o	43	41	-
	Cas. Archdale	c c m o	c m. o	42	40	-
19	Birr Castle †	*		43	42	-
	Collinstown †			44	42	0·1
20	Rineanna †	c c c r	c c c c	43	40	TR
	Valentia †			44	43	TR
	Roches Point †		c	45	*	0·5

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 16th December 1947

No. 31435.

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

District	Stations (For heights see p. 4)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. o-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. o-9 (12a)	Amount. Low. A. o-9 (13)	Amount. Low. B. o-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	38·5	+ 6	N'W	3	m$_o$	43	37	5	5	-	-	7	4	7	25	40
	Croydon	38·2	+ 6	NNE	2	10$_o$	42	40	4	5	-	-	8	5	8	8	15
	S. Farnborough	37·5	-6	N	3	c	44	33	7	5	-	-	8	5	7	20	25
	Boscombe Down	38·8	+6	N	3	c	41	35	7	5	-	-	7	4	7	15	25
	Calshot	38·8	+ 4	NNE	2	z$_o$	45	37	6	5	-	-	3	3	0	25	-
	Tangmere	37·7	+2	NNE	4	m$_o$	45	42	5	5	-	-	3	3	-	25	-
	Lympne	37·0	+8	N'W	3	m$_o$	41	39	6	5	-	-	7	7	-	5	-
	Manston	37·1	+6	N'W	4	c-bc	42	42	7	8	-	-	5	3	3	15	25
2	Shoeburyness	37·5	+2	N	3	c-bc	44	40	7	5	-	-	5	5	4	7	-
	Felixstowe	36·9	+2	NE	3	c	44	41	7	5	-	-	7	3	7	10	25
	Gorleston	36·1	+2	N	4	c-b/r	41	41	7	5	7	-	5	4	3	20	72
	Mildenhall	38·0	+4	NW	2	m	43	41	6	5	-	-	8	5	8	8	25
	West Raynham	37·3	+2	NW	3	d$_o$d$_o$	42	42	4	5	-	-	8	8	3	12	15
	Waddington	38·1	-4	NW	3	m	42	42	4	5	-	-	4	4	0	25	-
3	Cranfield	38·2	+2	N	2	c	42	37	7	5	-	-	8	8	0	25	-
	Honiley	39·1	+2	NNW	1	m	41	38	4	5	-	-	3	3	0	20	-
4	Little Rissington	39·5	+8	N'E	3	m$_o$	39	36	6	5	-	-	8	5	8	18	25
	Defford	39·8	+6	NNW	1	m$_o$	42	38	6	5	-	-	8	8	0	25	-
5	Bristol	39·6	+8	NE	3	m$_o$	41	36	6	5	-	-	8	4	8	18	25
	Hartland Point	39·2	+12	E	2	c	42	35	7	5	-	-	7	7	0	25	-
	Yeovilton	38·7	+8	NE	2	c	42	38	8	5	-	-	8	4	8	15	40
	Portland Bill	37·8	+16	ENE	3	bc	44	36	6	2	-	-	4	4	0	10	-
	Exeter	40·0	+12	NE'E	3	c	43	35	7	5	-	-	7	1	5	15	25
	Plymouth	39·3	+8	NE	3	z$_o$	43	34	7	5	-	-	8	8	0	20	-
	St. Eval	39·5	+6	NE	2	c	41	34	7	5	-	-	8	8	0	25	-
	Lizard	38·2	+12	NE'E	3	c	43	38	7	5	-	-	8	8	0	15	-
	Guernsey	37·4	+10	NE'N	3	c	46	40	7	5	-	-	8	4	8	16	25
6	Scilly, St. Marys	38·2	+16	E	4	c	46	42	7	8	8	-	8	8	0	15	-
	Fairwood	40·4	+14	NE	1	m$_o$	42	37	6	5	-	-	8	8	-	30	-
	Pembroke	40·3	+16	E'N	4	c	44	42	7	5	-	-	8	8	0	25	1
	Aberporth	40·6	+14	E'S	2	c	42	36	7	5	-	-	8	8	0	24	-
7	Holyhead (Valley)	40·8	+14	-	0	m$_o$	45	41	6	5	-	-	8	8	c	40	-
	Hawarden	40·2	+8	NW	1	m$_o$	43	41	5	5	-	-	8	4	8	14	25
8	Manchester	39·9	+6	W	2	c/f	42	40	3	5	-	-	8	8	0	12	-
	Squires Gate	40·1	+10	NW	2	m	45	42	4	5	-	-	8	8	0	15	25
	Carlisle	39·7	+8	-	0	m$_o$	42	41	6	5	-	-	8	8	0	35	-
9	Finningley	38·9	+2	NW	2	c/f	44	41	3	5	-	-	8	8	0	22	-
10	Spurn Head	38·2	+6	WNW	4	m	43	43	4	5	-	-	8	8	0	8	-
	Leeming	38·8	- 2	WNW	2	c	45	40	8	5	-	-	8	8	0	45	-
	Tynemouth	39·0	+6	NW	2	z$_o$	45	37	6	8	-	-	8	8	0	15	-
	Acklington	39·0	+8	WNW	3	c	45	38	7	5	-	-	8	8	0	40	-
11	St. Abb's Head	38·3	+4	NW	3	c/p	46	39	6	5	-	-	8	8	0	20	-
	Leuchars	39·6	+6	W	2	c	47	38	8	5	-	-	7	7	0	45	-
	Bell Rock	37·8	0	NW	4	o	47	38	8	5	-	-	8	8	0	40	-
12	Renfrew	40·8	+8	W	1	m	45	38	4	5	-	-	7	3	6	25	40
	Prestwick	40·5	+8	-	0	m	44	39	4	5	-	-	6	6	0	40	-
	Wigtown	40·9	+10	-	0	c	45	40	8	5	-	-	7	7	0	40	-
	Eskdalemuir	39·6	+6	NNE	1	c	43	36	8	5	-	-	8	7	0	32	-
	Point of Ayre	40·6	+12	NE'E	2	c	47	39	9	5	-	-	7	7	0	30	-
13A	Tiree	40·6	+6	-	0	c/d	45	41	9	5	-	-	8	3	8	25	40
	Benbecula	40·4	+10	S	1	c	47	40	9	7	-	-	8	6	3	35	40
13B	Skornoway	39·9	+6	WSW	3	c	47	42	8	5	-	-	8	8	0	30	-
	Cape Wrath	38·6	+4	W	3	o	47	45	8	5	-	-	8	8	0	20	-
15	Dalwhinnie																
	Aberdeen	38·8	+6	NW	2	c	46	40	7	5	-	-	8	8	0	60	-
	Rattray	37·7	+6	NW	3	c	47	40	7	5	-	-	8	8	0	25	-
	Lossiemouth	39·6	+2	WSW	3	c	45	39	7	5	-	-	8	7	4	30	-
	Wick	38·7	+6	WSW	2	c	45	44	7	5	-	-	8	4	8	25	40
16	Hatston	37·9	+4	WNW	3	bc	47	44	7	5	-	8	4	3	2	40	-
	Lerwick	35·0	+4	WNW	5	c	47	39	8	5	-	-	8	8	2	18	40
17	Blacksod Point †	39·8	+12	SE	2	c	46	42	7	5	-	-	8	8	0	25	-
18	Malin Head †	40·0	+10	S	1	c	47	45	8	5	-	-	6	6	0	25	-
	Aldergrove	41·1	+14	-	0	f/g	44	43	5	6	-	-	8	8	0	38	-
	Cas. Archdale	40·8	+8	-	0	c/p	44	44	5	5	-	-	8	3	8	8	40
19	Birr Castle ... †	39·6	+6	NNE	1	c	44	40	7	5	-	-	8	8	8	25	-
	Collinstown †	40·7	+10	N'W	2	c	46	38	7	5	-	-	8	8	0	30	-
20	Rineanna †	37·8	+6	E'S	2	m$_o$	45	41	6	5	-	-	7	7	0	50	-
	Valentia †	37·5	+10	E	4	c	49	45	7	5	-	-	8	8	0	45	-
	Roches Point †	39·2	+10	E	3	c	48	44	7	5	-	-	8	8	0	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. o-9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. o-9 (28)	Amount. Low. A. o-9 (29)	Amount. Low. B. o-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ‡ o-9 (33)
1	Kew	37·9	-4	NNW	2	m$_o$	43	38	5	5	-	-	8	8	0	25	-	1
	Croydon	37·6	-2	NW	2	m$_o$	43	39	4	5	-	-	8	8	0	20	-	1
	S. Farnborough	38·3	-2	W/N	2	m$_o$	42	38	6	5	-	-	8	8	0	30	-	0
	Boscombe Down	38·7	+2	NNW	2	c	40	35	7	5	-	-	5	5	0	19	-	0
	Calshot	38·7	+2	N	2	m$_o$	43	37	6	5	-	-	5	5	0	25	-	0
	Tangmere	37·3	0	N	2	m$_o$	43	40	6	5	-	-	8	8	0	28	-	0
	Lympne	36·2	-2	NNW	4	c	41	39	7	5	-	-	8	8	0	24	-	1
	Manston	36·5	-2	NW	3	c	43	42	7	5	-	-	8	8	0	12	-	1
2	Shoeburyness	36·8	-2	NNW	2	c	41	39	7	5	-	-	8	8	0	25	-	1
	Felixstowe	35·9	-2	NNW	3	m$_o$	44	42	6	5	-	-	4	4	0	25	-	0
	Gorleston	36·5	-2	WNW	3	m$_o$	45	43	5	5	-	-	8	8	0	10	-	1
	Mildenhall	37·0	-2	NW	2	c/r	43	41	6	5	-	-	8	4	8	5	40	1
	West Raynham	36·8	-2	NW	4	m$_o$	43	39	5	5	-	-	8	8	0	15	-	1
	Waddington	37·8	-2	WNW	3	m	43	39	4	5	-	-	8	8	0	48	-	1
3	Cranfield	31·6	+2	NW	2	m	42	39	4	5	-	-	8	8	0	47	-	1
	Honiley	38·8	+2	NNW	2	c/f	41	39	5	5	-	-	8	8	0	20	-	1
4	Little Rissington	38·9	+4	NNW	3	m$_o$	40	38	6	5	-	-	8	8	0	21	-	1
	Defford	38·4	+5	NNW	2	m$_o$	43	37	5	5	-	-	8	8	0	33	-	1
5	Bristol	38·9	+8	W	1	m$_o$	38	37	4	5	-	-	5	5	0	31	-	1
	Hartland Point	39·3	+2	NE	2	b	42	37	7	5	1	-	8	4	4	-	-	1
	Yeovilton																	
	Portland Bill	37·8	+2	NE'E	3	o	43	33	6	5	-	-	8	8	0	10	-	1
	Exeter	40·1	+2	NE	2	m$_o$	41	37	6	5	-	-	8	2	8	22	25	1
	Plymouth	39·9	+4	ENE	2	m$_o$	41	35	7	5	-	-	8	8	0	20	-	0
	St. Eval	39·8	+2	-	0	c	41	34	7	5	-	-	8	8	0	22	-	1
	Lizard	39·0	+8	NNE	2	c	41	36	7	5	-	-	8	8	0	15	-	0
	Guernsey	38·2	+6	NE'N	2	c	44	29	8	5	-	-	8	3	8	20	40	0
6	Scilly, St. Marys	39·2	+10	E'S	3	c	45	41	8	5	-	-	8	8	0	-	-	0
	Fairwood	40·8	+6	N	2	m$_o$	36	33	5	-	-	-	0	0	0	-	-	1
	Pembroke	40·4	+2	E'S	3	b-bc	41	40	7	5	-	-	3	3	0	30	-	1
	Aberporth	40·6	+2	-	0	m$_o$	40	37	6	5	-	-	6	2	6	21	40	1
7	Holyhead (Valley)	40·7	+4	ENE	2	c	45	39	7	5	-	-	8	8	0	35	-	0
	Hawarden	40·4	+6	NNW	2	m$_o$	42	39	5	5	-	-	8	8	0	38	-	1
8	Manchester	39·5	+2	WNW	3	m/f	43	39	4	5	-	-	8	8	0	33	-	1
	Squires Gate	40·4	+6	NW	3	m$_o$	45	40	6	5	-	-	8	8	0	35	-	0
	Carlisle	39·0	+6	-	0	m$_o$	42	40	5	5	-	-	8	8	0	35	-	1
9	Finningley	38·4	+4	NNW	3	m	45	39	4	5	-	-	8	8	0	40	-	1
10	Spurn Head	37·0	+2	NW'N	4	m$_o$	44	42	6	5	-	-	8	8	0	-	-	1
	Leeming	39·3	+10	NW	3	c	44	40	8	5	-	-	8	8	0	28	-	1
	Tynemouth	39·3	+8	NW	2	m$_o$	46	44	6	5	-	-	8	8	0	14	-	1
	Acklington	39·3	+10	NW	3	z$_o$	45	38	6	5	-	-	8	8	0	35	-	1
11	St. Abb's Head	38·5	0	NW	2	bc/f	45	40	6	5	-	-	4	4	0	20	-	0
	Leuchars	40·4	+6	WNW	1	c	45	39	7	5	-	-	8	8	0	45	-	1
	Bell Rock	38·5	+6	NW	4	o	47	38	7	5	2	-	8	8	0	40	-	1
12	Renfrew	41·6	+10	-	0	m$_o$	46	40	6	5	-	-	7	3	6	25	40	0
	Prestwick	41·1	+8	NNW	2	m$_o$	45	41	5	5	-	-	8	8	0	42	-	1
	Wigtown	41·6	+8	NW	1	c	43	36	8	5	-	-	7	7	0	40	-	1
	Eskdalemuir	40·6	+8	-	0	c	42	36	7	5	-	-	6	5	0	24	-	1
	Point of Ayre	40·9	+2	N	2	c-bc	46	36	8	6	-	-	5	5	0	30	-	0
13A	Tiree	41·2	+6	SSE	1	c	46	40	9	5	-	-	8	8	0	35	-	1
	Benbecula	41·1	+8	S	1	o	45	40	8	5	-	-	8	8	0	35	-	0
13B	Skornoway	41·1	+4	WSW	3	c	45	41	8	5	-	-	8	8	0	40	-	1
	Cape Wrath	38·9	+8	W	4	o	46	42	9	5	-	-	8	8	0	20	-	1
15	Dalwhinnie	40·0	+8	NW	1	c	41	34	7	5	-	-	8	8	0	10	-	0
	Aberdeen	39·2	+4	NW	2	c	46	39	7	5	-	-	8	8	0	40	-	1
	Rattray	38·1	+4	NW	4	c	46	43	7	5	-	-	8	8	0	20	-	1
	Lossiemouth	40·3	+6	W	3	c	45	42	7	5	-	-	8	6	0	30	-	1
	Wick	39·2	+6	WNW	3	c	45	42	7	5	-	-	8	8	0	36	-	1
16	Hatston	38·3	+4	NW	4	c	47	43	7	5	-	-	8	8	0	22	-	1
	Lerwick	35·0	0	WNW	5	c	46	41	7	5	7	7	8	2	1	16	40	0
17	Blacksod Point †	40·2	+2	SE	2	b	44	40	7	5	-	-	8	8	1	25	-	0
18	Malin Head †	41·8	+8	S	1	c	45	43	7	5	-	-	8	8	1	15	-	0
	Aldergrove	41·6	+4	-	0	m$_o$	44	41	5	5	-	-	8	8	3	20	40	1
	Cas. Archdale	41·4	+6	-	0	c/p	43	42	6	5	-	-	8	8	0	35	-	1
19	Birr Castle ... †	39·9	+2	NNE	1	c	44	40	7	5	-	-	8	8	8	25	-	1
	Collinstown †	41·1	+4	N'E	2	c	45	37	7	5	-	-	8	8	0	29	-	1
20	Rineanna †	40·8	+6	E	2	m$_o$	43	39	7	5	-	-	7	7	0	37	-	1
	Valentia †	39·1	+8	EIN	4	c	47	43	7	5	-	-	8	8	0	32	-	1
	Roches Point †	40·0	+6	EIN	3	bc	43	41	8	6	-	-	5	4	3	25	-	1

OBSERVATIONS during DAY (15th)

Stations	Weather. 06h.-12h. (34)	Weather. 12h.-18h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.-21h. mm. (38)
Kew	cm$_o$w$_m$	cm$_o$	44	0·0	-
Croydon	bm$_o$c d$_o$ f$_{ha}$	c d$_o$ f$_{hem}$	43	0·0	Tr
S. Farnborough	h m$_o$ w c m$_o$ c	c c m$_o$	44	0·1	-
Boscombe Down	c m$_o$ c	c	42	0·0	-
Calshot	b b c m$_o$	f c m$_o$ c b c m$_o$	45	1·8	-
Tangmere	b m$_o$	b m$_o$ c m$_o$	45	4·2	-
Lympne	c m$_o$	c m$_o$	42	1·1	Tr
Manston	b c c	c	44	1·1	-
Shoeburyness	l c c	c	44	0·4	-
Felixstowe	b c m$_o$ w c	c l c c m$_o$	45	1·3	Tr
Gorleston	c d f c	c o z	46	0·6	0·1
Mildenhall	c l d$_o$ m$_o$ c m$_o$	c m$_o$ d$_o$ f r o m	44	0·0	Tr
West Raynham	c d d g m	c c m$_o$ c m$_o$ c	44	0·0	0·2
Waddington	c l d$_o$ c f o m	r m	44	0·0	Tr
Cranfield	c l d$_o$ f m$_o$	c o m$_o$	43	0·3	-
Honiley	c m$_o$ b m	b m c m$_o$ f m$_o$	43	0·9	-
Little Rissington	c m$_o$ o l d$_o$ r	r$_o$ b t c m$_o$	41	0·9	-
Defford	c m$_o$	c m$_o$	45	1·3	-
Bristol	c w$_m$ m$_o$ j p c m$_o$	c m$_o$ c m	42	0·0	-
Hartland Point	c	c	43	0·0	-
Yeovilton	c				
Portland Bill	b b c j f c	o o	45		-
Exeter	c w j f c	c c m$_o$	43	0·0	-
Plymouth	c m$_o$ f z$_o$	c z$_o$	43	0·0	-
St. Eval	c	c	41	0·0	-
Lizard	c o	c	46	0·0	-
Guernsey	c	c	46	0·0	-
Scilly, St. Marys	d c	c	46	0·0	-
Fairwood	c z$_o$ c m$_o$	c m$_o$ b m o w	43	0·0	-
Pembroke	c	c b c	45	0·0	-
Aberporth	c	c	42	0·0	-
Holyhead (Valley)	c m$_o$ c	c m$_o$ c	46	0·0	-
Hawarden	c m c m$_o$	c m c m$_o$	44	0·0	-
Manchester	c m$_o$ c f	c m c f	43	0·0	Tr
Squires Gate	m$_o$ m c	c m m$_o$ c	46	0·0	-
Carlisle	c m$_o$	c m$_o$	43	•	-
Finningley	c m l r d$_o$ m c f	c z	46	0·0	-
Spurn Head	c m c	o m o	44	0·2	Tr
Leeming	b f c	c	45		-
Tynemouth	d m$_o$	c m$_o$	47		-
Acklington	c b c c	o c m$_o$	46	0·0	-
St. Abb's Head	c j f	c r b	46	•	-
Leuchars	c	c	47	0·0	-
Bell Rock	o	o			
Renfrew	c m o w	c m c m$_o$	46	0·0	-
Prestwick	c m$_o$ c m	c z$_o$ m$_o$	47	•	Tr
Wigtown	c o o c	c	46	•	-
Eskdalemuir	c	c	44	0·0	-
Point of Ayre	o c	c	47	0·0	-
Tiree	c w c l d$_o$ c	c	47	0·0	-
Benbecula	c	o b c c o	50	•	-
Skornoway	c z z	c z	47	0·0	-
Cape Wrath	o	c i r$_o$	49	•	0·6
Dalwhinnie			42	0·0	-
Aberdeen	c	c	46	0·0	-
Rattray	c	c c	47	4·2	-
Lossiemouth	c	c	47	0·0	-
Wick	c	c	47	0·0	Tr
Hatston	c b c	b c c	48	0·8	-
Lerwick	c	c r l d$_o$ c w	47	0·0	Tr
Blacksod Point †	c	b c	47		-
Malin Head †	c	c	48	0·0	-
Aldergrove	c m$_o$ m$_o$ f g	c f g m c m$_o$	44	0·0	
Cas. Archdale	c m$_o$ j f	c m$_o$	45	0·0	-
Birr Castle ... †	c	c c	44	0·0	-
Collinstown †	c	c c	46	0·0	-
Rineanna †	c	c r	46	0·1	-
Valentia †	c c c	c r c	49	0·0	0·1
Roches Point †	c		49	•	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

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

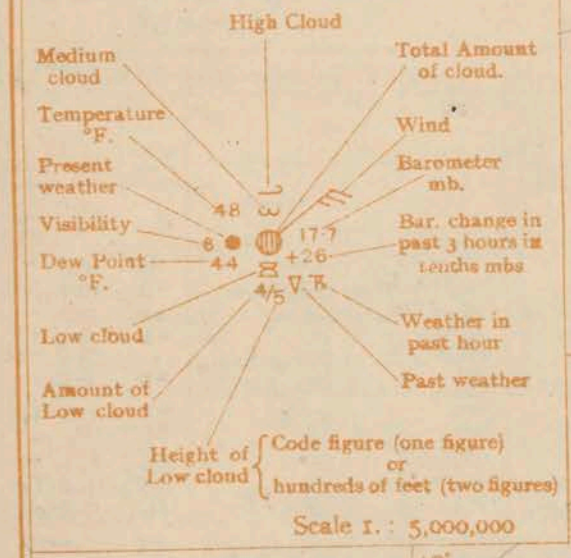
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

• Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Tuesday 16th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	09h %
				°F.	°F.	°F.	mm.	mm.	Yesterday		To-day
Kew	cm w m	cm$_0$	cm$_0$	44	43	39	–	Tr	0.0	*	*
Croydon ...	bm s i d m$_0$	cd$_0$ m cm	cm o f d$_0$	43	41	37	Tr	Tr	0.0	75	84
Greenwich ...	cm$_0$	cd$_0$ m	cd$_0$ m	43	43	37	Tr	Tr	0.0	80	81
Westminster	*	*	*	47	41	40	Tr		*	77	81
Regents Park	*	*	*	45	40	38	–	–		79	80
Camden Square	c	c	*	46	41	39	–	–	*	*	84
Kensington ...	c	c	*	45	43	38	–	–	*	*	81
Hampstead ...	c o d	o	o	41	40	34	Tr	–		*	81

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·3 Time 15th Min. 0·1 Time 0·6 hrs on 16th

H.M.S.O. Press, M.O., Duxbury

GENERAL INFERENCE

A large anticyclone covers the British Isles Weather will be generally cloudy or dull in all districts and with considerable smoke haze in some areas: there will be occasional drizzle locally. Little change of temperature.

FURTHER OUTLOOK

Similar.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 16th December,

1947

Clark's Projection Scale 1 : 4 × 10⁷ along meridian at 56°

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 5/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm.

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

Identification letters are inserted on fronts and on systems

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Tuesday 16th December 1947

No. 21435

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Wind. Force (4)	Weather (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total 0–8 (12)	Cloud. Amount. Low. A. 0–8 (13)	Cloud. Amount. Low. B. 0–8 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16						43										
	Croydon	217	37.1	-4	NNW	2	ido	44	40	4	5	–	–	8	4	8	12	25
	S. Farnborough	226	37.7	-2	NW'N	2	mo	41	38	5	5	–	–	5	5	–	40	–
	Boscombe Down	457	38.1	-6	NW	3	mo	41	38	5	5	–	–	8	8	–	34	–
	Calshot	8	38.1	-8	N	4	mo	43	38	5	5	–	–	8	1	–	30	–
	Tangmere	53	37.2	+2	NNW	3	mo	43	42	6	5	–	–	6	6	–	40	–
	Lympne	341	35.2	-6	NW	4	mo	42	40	5	5	–	–	6	5	8	8	40
	Manston	140	35.7	-6	NNW	4	mo	43	43	6	5	–	–	5	4	–	20	–
2	Shoeburyness	11																
	Felixstowe	10	35.3	-4	NNW	3	c	45	41	7	5	–	–	8	8	–	43	–
	Gorleston	5	34.1	-8	N	5	mo	46	44	6	5	–	–	8	8	–	30	–
	Mildenhall	15	36.6	-2	NW	3	mo	43	42	5	5	–	–	8	8	–	40	–
	West Raynham	250	36.1	+2	NNW	4	mo	44	43	5	5	–	–	8	8	–	7	40
	Waddington	235	37.7	+4	NNW	3	m	42	40	4	5	–	–	8	6	–	51	–
3	Cranfield	340	37.3	-2	N	2	mo	42	38	5	5	–	–	8	8	–	60	–
	Honley	427	38.0	+2	N	3	mo	42	39	5	5	–	–	8	4	8	15	40
4	Little Rissington	731	39.0	+2	NW	3	mo	41	36	5	5	–	–	8	8	–	27	–
	Defford	58	39.5	+2	NNW	2	mo	43	37	6	5	–	–	8	8	–	43	–
5	Bristol	209	39.4	0	NNW	2	mo	42	39	5	5	–	–	8	8	–	33	–
	Hartland Point	299	37.9	+2	NNE	2	c	44	39	7	5	–	–	8	8	–	•	–
	Yeovilton	30																
	Portland Bill	32	37.3	-6	NE	3	2o	43	36	6	5	–	–	8	5	–	10	–
	Exeter	190	40.1	-2	–	0	mo	39	37	5	5	–	–	8	8	–	41	–
	Plymouth	86	40.2	+2	NNW	1	mo	41	36	6	5	–	–	8	8	–	20	–
	St. Eval	345	40.5	+0	–	0	c	41	35	7	5	–	–	8	8	–	28	–
	Lizard	249	40.0	+4	N	1	c	44	38	7	5	–	–	8	8	–	15	–
	Guernsey	340	38.3	-4	NNE	3	c	45	40	7	5	–	–	8	4	8	20	40
	Scilly, St Marys	163	40.2	+6	E'N	3	c	44	38	8	5	–	–	8	8	–	–	–
6	Pairwood	268	40.5	-2	N	2	cbc	39	37	7	5	–	–	8	8	–	43	–
	Pembroke	142	41.0	0	ENE	3	c	42	42	7	5	–	–	8	8	–	24	–
	Aberporth	423	40.7	0	–	0	mo	41	39	6	5	–	–	8	5	–	53	–
7	Holyhead (Valley)	32	41.6	+4	–	0	c	42	37	7	5	–	–	8	8	–	31	–
	Hawarden	15	40.6	+2	NW	3	mo	44	40	6	5	–	–	8	8	–	38	–
8	Manchester	230	40.2	+6	NW	2	m	41	39	4	5	–	–	8	8	–	40	–
	Squires Gate	33	40.7	+6	N	1	mo	44	38	6	5	–	–	8	8	–	40	–
	Carlisle	100	40.9	+8	–	0	mo	41	39	5	5	–	–	8	8	–	40	–
9	Finningley	28	38.7	+2	N	3	mo	44	39	5	5	–	–	8	8	–	40	–
10	Spurn Head	29	37.0	0	NNW	4	mo	44	43	6	5	–	–	8	8	–	130	–
	Leeming	105	39.6	+2	NW	3	c	44	39	7	5	–	–	8	8	–	14	–
	Tynemouth	108	39.5	0	NNW	3	c	47	36	7	5	–	–	8	8	–	14	–
	Acklington	138	39.6	+2	NW	3	c	45	38	7	5	–	–	8	8	–	47	–
11	St. Abb's Head	280	39.7	0	NW	2	cjf	45	40	6	5	–	–	8	8	–	20	–
	Leuchars	31	40.7	+2	W	1	c	43	38	7	5	–	–	8	8	–	40	–
	Bell Rock	–	39.5	+4	NW'N	5	0	46	36	8	5	2	–	8	8	–	40	–
12	Renfrew	35	42.0	+2	–	0	mo	43	38	6	5	–	–	8	8	–	35	–
	Prestwick	30	41.9	+6	N	2	mo	44	37	6	5	–	–	8	8	1	35	2
	Wigtown	19	42.0	+4	NW	2	c	42	37	8	5	–	–	8	8	–	45	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	39	41.5	+4	NW	3	c	47	39	6	5	–	–	8	8	–	30	–
13A	Tiree	44	42.1	+6	–	0	c	46	39	9	5	–	–	8	0	–	35	–
	Benbecula	27	42.0	+6	–	0	0	45	41	8	5	–	–	8	8	–	35	–
13B	Stornoway	12	41.8	+4	–	0	c	44	39	7	5	–	–	8	8	–	30	–
15	Cape Wrath	367	40.4	+2	NW	3	o	46	39	9	5	–	–	8	8	–	25	–
	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	70						43										
	Rattray	48	37.1	-6	NW	4	dd	45	43	7	5	–	–	8	8	–	20	–
	Lossiemouth	21	41.3	+10	W	4	0	45	41	8	5	–	–	8	8	–	25	–
	Wick	114	39.8	+2	NW	3	dd.	44	43	7	5	–	–	8	4	8	10	15
16	Hatston	45	39.3	+4	NW'W	4	ido	45	44	7	5	–	–	5	4	5	20	40
	Lerwick	269	35.6	0	NW'W	5	c	46	41	7	5	–	–	8	5	8	18	–
17	Blacksod Point †	18	41.2	+6	SE	1	b	42	38	7	5	–	–	8	1	–	40	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	42.3	+4	–	0	mo	42	42	5	5	–	–	8	8	–	40	–
	Cas. Archdale	225	42.4	+2	–	0	c	43	37	7	5	–	–	8	8	–	25	–
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	42.1	+6	NE	1	0	45	38	7	5	–	–	8	7	–	35	–
20	Rinesanna †	13	42.0	+4	NW'W	2	mo	45	35	8	5	–	–	8	7	–	30	–
	Valentia †	30	40.1	+2	E'N	3	b	44	36	8	5	–	–	7	2	–	32	–
	Roches Point †	22	41.0	+4	E	3	c	47	43	8	5	–	–	8	8	–	15	–

† Minimum temperature and rainfall read at 0700. Burr Castle reports at 0700.

OBSERVATIONS at 06hr. G.M.T. 16th December.

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours (18)	Wind. Direc. (19)	Wind. Force (20)	Weather (21)	Temp. °F. (22)	Dew Point °F. (23)	Visibility (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total 0–8 (28)	Cloud. Amount. Low. A. 0–8 (29)	Cloud. Amount. Low. B. 0–8 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0–9 (33)
1	Kew	36.5	-4	N	2	2o	46	38	6	5	–	–	8	8	–	21	–	1
	Croydon	36.5	-4	NNW	2	ido	44	41	4	5	–	–	8	5	–	1	–	1
	S. Farnborough	37.0	-4	NW	3	mo	43	40	6	5	–	–	8	3	–	32	–	0
	Boscombe Down	37.8	-4	NW	4	mo	41	38	5	5	–	–	8	5	–	20	–	0
	Calshot	37.8	-2	N	4	mo	44	39	6	5	–	–	8	5	–	40	–	0
	Tangmere	38.6	-2	NNW	3	mo	43	42	6	5	–	–	8	8	–	40	–	0
	Lympne	34.2	-4	NNW	4	ido	42	41	6	5	–	–	8	3	8	13	40	1
	Manston	34.8	-2	NW'N	4	do do	44	41	6	5	–	–	8	4	8	15	40	1
2	Shoeburyness	35.4	-2	NNW	3	ido	43	42	6	5	–	–	8	8	–	25	–	1
	Felixstowe	34.7	-2	N	3	c/v	45	42	6	5	–	–	8	8	–	35	–	1
	Gorleston	34.11	<2	N	5	c/d	40	41	6	1	2	–	8	8	–	20	–	1
	Mildenhall	36.1	0	NW	2	do do	43	41	6	5	–	–	8	4	8	10	25	1
	West Raynham	35.6	–	NNW	3	do do	43	"	6	5	–	–	8	4	8	7	15	1
	Waddington	36.7	-6	NNW	4	mo	40	39	6	5	–	–	8	8	–	5	–	1
3	Cranfield	36.3	0	N	3	2o	44	37	6	5	–	–	8	8	–	33	–	1
	Honley	38.6	-2	N	3	2o	43	37	5	5	–	–	8	5	–	20	–	0
4	Little Rissington	38.3	-4	NE	3	2o	42	35	6	5	–	–	8	8	–	24	–	1
	Defford	38.5	+2	NNW	2	2o	40	37	6	5	–	–	8	8	–	40	–	1
5	Bristol	39.4	0	NNW	2	mo	42	39	6	5	–	–	8	8	–	31	–	1
	Hartland Point	39.5	0	NE	2	c	40	40	6	5	–	–	8	7	–	–	–	1
	Yeovilton	38.0	-2	NNW	2	mo	42	38	6	5	–	–	8	8	–	–	–	1
	Portland Bill	41.0	0	NE	2	2o	44	37	6	5	–	–	8	3	–	10	–	1
	Exeter	39.5	-2	NE	1	mo	41	39	6	5	–	–	8	2	8	25	40	1
	Plymouth	39.4	-2	N	3	mo	42	37	6	5	–	–	8	8	–	20	–	0
	St. Eval	39.0	-6	–	0	c	45	40	7	5	–	–	8	8	–	35	–	1
	Lizard	39.5	0	NNE	2	b-bc	39	34	7	5	–	–	8	5	–	15	–	0
	Guernsey	37.2	-2	NNE	3	c	46	42	7	5	–	–	8	4	8	20	40	0
	Scilly, St Marys	39.7	-2	S	3	c	44	39	8	8	–	–	6	6	–	–	–	0
6	Pairwood	40.4	+2	NNE	2	c	42	37	7	5	–	–	8	8	–	42	–	1
	Pembroke	39.8	-6	NNE	4	c	45	41	7	5	–	–	8	8	–	25	–	1
	Aberporth	4.05	-2	NE	2	c	44	39	7	5	–	–	8	8	–	39	–	1
7	Holyhead (Valley)	41.7	-2	NE	1	c	45	39	7	5	–	–	8	8	–	35	–	1
	Hawarden	40.6	0	NW	2	c	43	40	6	5	–	–	8	8	–	38	–	1
8	Manchester	39.8	0	NW	3	mo	43	38	6	5	–	–	8	8	–	35	–	1
	Squires Gate	40.7	+2	–	0	mo	44	39	6	5	–	–	8	8	–	32	–	1
	Carlisle	40.4	-4	–	0	mo	41	38	5	5	–	–	8	8	–	35	–	1
9	Finningley	38.5	-2	N	5	2o	45	38	6	5	–	–	8	8	–	37	–	0
10	Spurn Head	36.5	-4	N	5	ido	45	38	6	5	–	–	8	8	–	42	–	1
	Leeming	39.2	-2	NNW	4	2o	45	38	6	5	–	–	8	8	–	14	–	1
	Tynemouth	39.2	0	NNW	3	c	45	36	7	5	–	–	6	6	–	14	–	1
	Acklington	39.3	-2	NW	3	2o	45	37	6	5	–	–	8	5	–	45	–	0
11	St. Abb's Head	39.4	-2	NW	3	2o	45	38	6	5	–	–	8	5	–	20	–	0
	Leuchars	40.5	-2	W'N	4	c-bc	43	35	6	5	–	–	8	5	–	44	–	0
	Bell Rock	39.5	+6	NW'N	4	c	46	39	6	5	7	–	8	7	–	-	-	1
12	Renfrew	41.2	-2	–	0	mo	41	38	6	5	–	–	8	7	2	25	40	1
	Prestwick	41.6	-2	N	2	c	43	35	7	5	–	–	8	8	–	32	–	1
	Wigtown	41.8	-2	–	0	c	41	38	8	5	–	–	8	8	–	40	–	1
	Eskdalemuir	40.6	0	NNW	1	mo	40	33	6	5	–	–	8	8	–	22	–	1
	Point of Ayre	41.5	0	NNE	3	c	47	38	6	5	–	–	7	7	–	25	–	0
13A	Tiree	42.0	0	–	0	c	46	41	8	5	–	–	8	8	–	35	–	1
	Benbecula	41.7	0	–	0	0	45	42	8	5	–	–	8	8	–	40	–	1
13B	Stornoway	41.9	+2	W-SW	2	c	45	42	8	5	–	–	8	8	–	30	–	1
15	Cape Wrath	41.1	+4	NW	2	c	45	43	9	5	–	–	6	6	–	32	–	1
	Dalwhinnie																	0
	Aberdeen	39.5	-2	NW	4	b-bc	45	39	7	5	–	–	8	3	–	45	–	1
	Rattray	39.2	+4	NW	4	c-ci	45	43	7	5	–	–	8	8	–	20	–	1
	Lossiemouth	41.2	-14	W	4	c	45	40	8	5	–	–	6	4	–	30	–	1
	Wick	39.7	0	NW	3	bc	44	43	8	5	–	–	4	4	–	21	–	1
16	Hatston	39.3	+2	NW'N	4	x-ld	45	44	7	5	–	–	4	4	–	20	–	1
	Lerwick	36.2	+2	NW	4	c-bc	46	41	7	5	–	–	5	5	–	25	–	1
17	Blacksod Point †	41.5	0	SSE	2	b	43	39	7	5	–	–	8	8	–	25	–	1
18	Malin Head †	41.4	+2	W	1	c	46	42	7	5	–	–	8	8	–	25	–	1
	Aldergrove	42.1	-2	–	0	mo	42	41	6	5	–	–	8	8	–	25	–	1
	Cas. Archdale	42.7	+4	–	0	c	41	38	7	5	–	–	8	8	–	25	–	1
19	Birr Castle †	41.2	+2	NE	1	c	41	39	7	5	–	–	8	8	–	25	–	1
	Collinstown †	42.1	+2	NW	2	0	44	38	7	5	–	–	8	8	–	25	–	1
20	Rinesanna †	42.2	+2	ESE	1	mo	40	35	8	5	–	–	8	8	–	32	–	1
	Valentia †	40.1	-6	ENE	3	c	46	38	8	5	–	–	8	8	–	15	–	1
	Roches Point †	41.0	0	E'S	3	c	48	40	8	5	–	–	8	8	–	15	–	1

OBSERVATIONS Monday NIGHT

District	Stations	Weather. 15h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (42)	Temperature 21h.–09h. Min. on Grass °F. (44)	Rain 21h.–09h. mm. (41)
1	Kew	c mo	c mo	43	39	tr
	Croydon	c mo of do	c mc do	42	41	tr
	S. Farnborough	c mo	c bc c mo	40	35	–
	Boscombe Down	c mo	c mo	41	39	–
	Calshot	c mo	b mo c mo	42	38	–
	Tangmere	c mo	b c mo c mo	41	38	–
	Lympne	c bc i do c	c mo i do	40	38	0.2
	Manston	c bc mo	c mo i d	42	39	0.2
2	Shoeburyness	c mo	c mo	40	35	0.4
	Felixstowe	c mo b c mo	c mo i l o	42	38	0.1
	Gorleston	c 2 o 2 o	c d 2 o	45	*	
	Mildenhall	c b mo c	c mo i l d o	42	39	0.2
	West Raynham	c mo	c mo i d d o	43	41	0.2
	Waddington	c m	c mc mo	42	10	0.1
3	Cranfield	c 2	c mo c mo 2 o	42	*	
	Honley	c mo	c mo 2 o	42	40	–
4	Little Rissington	c mo	c mo 2 o	41	41	–
	Defford	c mo c 2 o	c 2 o	43	41	–
5	Bristol	c mc mo	c mo	39	39	–
	Hartland Point	c	c.	42	41	–
	Yeovilton		c mo	38	37	–
	Portland Bill	o 2 o	o 2 o 2	42	*	–
	Exeter	b c mo c mo	c mo	68	53	–
	Plymouth	c mo b c c 2 o	c mo	39	20	–
	St. Eval	c mo c		39	36	–
	Lizard	o	o b c	39	*	–
	Guernsey	c	c	43	41	–
	Scilly, St Marys	c	c	42	*	–
6	Pairwood	b mo w b mo b c		38	26	–
	Pembroke	c	c	39	*	–
	Aberporth	c b c	b c c	40	40	–
7	Holyhead (Valley)	c	c	41	38	–
	Hawarden	c mo	c mo c mo?	42	40	–
8	Manchester	c f c mc m	c mc f c mo	41	39	–
	Squires Gate	c mo 2 o	c mo	42	40	–
	Carlisle	c mo	c mo	39	38	–
9	Finningley	c 2 c mo	c 2 o	43	41	–
10	Spurn Head	c mo	c c d o	43	*	–
	Leeming	c	c mo	43	42	–
	Tynemouth	c mo	o c	43	40	–
	Acklington	c mo c	c mo c c mo	42	39	–
11	St. Abb's Head	o j f	o mc c mo	42	*	–
	Leuchars	c	c b c	40	36	–
	Bell Rock	o	c	*	*	–
12	Renfrew	c mo	c mo	40	35	–
	Prestwick	c mo 2 o w	c 2 o c c	42	40	–
	Wigtown	c	c	40	39	–
	Eskdalemuir	c mc	c mo	39	38	–
	Point of Ayre	o c	c	45		
13A	Tiree	c w c	c	44	41	–
	Benbecula	c	c	45	42	–
13B	Stornoway	c c	c	44	40	–
15	Cape Wrath	c c	c o b	44	41	0.5
	Dalwhinnie			37	37	–
	Aberdeen	c	c b c b	43	39	–
	Rattray	c mid.	c mid	43	28	–
	Lossiemouth	c c	c c	40	40	–
	Wick	c d d.	c d d b c	39	36	–
16	Hatston	c i s i d o	c d o d o u b c	44	41	1 TR
	Lerwick	c w c	c	45	44	–
17	Blacksod Point †	b	b	36	*	–
18	Malin Head †		c	44	*	–
	Aldergrove	c m o	c mo c mo	41	40	–
	Cas. Archdale	c m o c	c	40	39	–
19	Birr Castle †	*	*	41	40	–
	Collinstown †	c	c	43	41	–
20	Rinesanna †	c	c	32	29	–
	Valentia †	c	c	43	35	–
	Roches Point †	c	c	42	*	–

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

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 17th December 1947

No. 31436

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

Exposure	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. o-9 (8)	Cloud. Form. Low (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. o-9 (12)	Amount. Low. A. o-9 (13)	Amount. Low. B. o-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	37.2	+6	N	3	mo	46	41	5	5	–	–	7	5	7	15	25
	Croydon	36.9	+2	NNW	4	c/d	45	40	4	5	–	–	8	5	8	10	15
	S. Farnborough	37.1	+2	NNW	3	c/d	45	42	5	5	–	–	8	6	8	12	40
	Boscombe Down	38.1	+2	NW'N	4	zo	45	38	6	5	–	–	7	7	0	30	–
	Calshot	38.2	0	NNE	4	zo	47	38	6	5	–	–	7	7	0	40	–
	Tangmere	36.7	0	N	3	ido	45	43	5	5	–	–	8	3	8	15	25
	Lympne	34.5	-2	NNW	4	c/d	45	42	6	5	–	–	6	6	6	6	40
	Manston	34.8	0	NNW	4	ido	45	46	6	5	–	–	8	5	8	8	25
2	Shoeburyness	35.4	-2	NNW	3	mo	46	44	6	5	–	–	8	8	0	31	–
	Felixstowe	34.9	+2	N'W	4	ido	47	43	6	5	–	–	5	3	4	12	40
	Gorleston	34.1	-2	N	5	c	47	44	7	5	7	–	7	3	4	15	57
	Mildenhall	36.1	-4	NW	3	ido	45	44	6	5	–	–	6	5	4	8	25
	West Raynham	35.7	-2	NNW	4	c/d	45	43	6	5	–	–	7	5	7	4	40
	Waddington	36.9	-2	N'W	4	ido	44	41	5	5	–	–	8	4	5	10	40
3	Cranfield	37.2	+2	N'W	4	mo	44	40	6	5	–	–	8	4	8	12	40
	Honiley	38.2	-6	N	3	zo	49	36	6	5	–	–	8	8	0	30	–
4	Little Rissington	38.4	-4	NNW	3	ido	43	35	5	5	–	–	8	4	8	15	15
	Defford	39.1	-4	NNW	3	zo	46	37	6	5	–	–	8	8	0	40	–
5	Bristol	39.3	-8	N	3	m	45	37	4	5	–	–	8	8	0	30	–
	Hurtland Point	39.5	0	NE	2	c	47	38	7	5	7	–	8	4	4	–	–
	Yeovilton	39.4	+2	NNW	3	zo	45	38	6	5	–	–	8	3	8	25	25
	Portland Bill	37.4	+2	NE	3	zo	46	39	6	5	–	–	8	8	0	10	–
	Exeter	39.7	-6	N	2	zo	46	38	6	5	–	–	8	8	0	40	–
	Plymouth	40.2	+4	N	2	zo	46	39	5	5	–	–	8	8	0	35	–
	St. Eval	40.1	-2	ENE	2	c	45	39	7	5	–	–	8	8	0	35	–
	Lizard	39.6	+2	E'N	3	c	46	38	7	5	–	–	8	8	0	15	–
	Guernsey	37.6	0	NE'N	4	c	47	40	7	5	–	–	8	4	8	30	40
6	Scilly, St Marys	39.6	-2	E	4	c	47	40	8	5	–	–	7	7	0	12	–
	Fairwood	40.5	-4	–	0	zo	45	38	6	5	–	–	8	8	0	45	–
	Pembroke	41.0	-4	ENE	3	c	47	42	7	5	–	–	8	8	0	30	–
	Aberporth	40.6	-6	–	0	c	45	40	7	5	–	–	8	4	8	15	40
7	Holyhead (Valley)	41.4	-6	NNE	2	c	46	37	7	5	–	–	8	8	0	35	–
8	Hawarden	40.1	-10	N	1	c/f	45	39	3	5	–	–	8	8	0	30	–
	Manchester	39.6	-6	NW	2	m	44	37	4	5	–	–	7	7	0	30	–
	Squires Gate	40.5	-6	NW	2	zo	45	38	5	5	–	–	7	7	0	35	–
	Carlisle	40.2	-6	W	1	mo	43	39	6	5	–	–	8	8	0	40	–
9	Finningley	38.2	-6	N	4	zo	46	39	6	5	–	–	7	2	7	20	40
10	Spurn Head	36.3	-6	NNW	6	mo	45	45	8	8	–	–	8	8	0	–	–
	Leeming	39.0	-6	NNW	3	c	46	39	8	5	–	–	7	7	0	35	–
	Tynemouth	38.9	-8	N	3	c	46	37	7	8	–	–	7	7	0	16	–
	Acklington	38.8	-6	NW	4	c	46	38	7	5	–	–	7	7	0	25	–
11	St. Abb's Head	38.6	+4	NW	3	mo	44	39	6	5	–	–	7	4	7	21	–
	Leuchars	40.6	-6	W	2	c-bc	43	38	8	5	–	–	5	5	0	40	–
	Bell Rock	39.3	-4	NW'W	4	c-bc	46	36	8	5	–	–	5	5	–	40	–
12	Renfrew	41.7	-6	–	0	c	44	37	7	5	–	–	7	3	6	25	40
	Prestwick	41.4	-2	NNW	2	c	44	36	7	5	–	–	8	3	8	25	40
	Wigtown	42.0	-2	N	2	c	43	38	8	5	–	–	8	3	6	30	40
	Eskdalemuir	40.4	-6	NNW	2	c	43	35	8	5	–	–	7	7	0	32	–
	Point of Ayre	41.5	-2	NE	4	c	45	36	8	5	–	–	8	4	4	30	40
13A	Tiree	42.6	+4	W	1	c	46	42	9	5	–	–	8	1	8	25	40
	Benbecula	42.3	+2	NE	1	c	46	41	8	5	–	–	8	8	0	40	–
13B	Stornoway	41.9	+2	W	2	c	46	44	7	5	–	–	8	8	0	30	–
	Cape Wrath	41.2	0	W	3	c	47	43	9	5	–	–	8	8	0	30	–
15	Dalwhinnie																
	Aberdeen	39.7	-2	NW'N	3	c/d	45	42	8	5	7	–	7	1	6	10	15
	Rattray	39.5	0	NW	4	c-bc	45	44	7	8	–	–	5	5	0	30	–
	Leuchars	41.7	-2	W	4	c/d	45	43	7	5	–	–	8	4	8	25	40
	Wick	40.6	+4	NNW	3	ido	45	43	7	5	2	–	8	5	6	15	25
16	Hatston	40.2	+2	NW	3	ido	46	44	7	5	–	–	8	4	8	15	15
	Lerwick	37.1	+4	NNW	4	pro	44	40	7	3	–	–	5	5	4	23	–
17	Blacksod Point †	42.4	+4	SE	2	c	45	37	7	–	–	–	8	–	2	25	–
18	Malin Head	41.8	+4	NNW	2	c	48	40	8	5	–	–	8	–	2	5	–
	Aldergrove	42.6	+2	–	0	mo	43	42	5	5	–	–	8	8	0	30	–
	Cas Archdale	43.0	+6	–	0	c	42	40	8	5	–	–	8	8	0	40	–
19	Birr Castle ... †	41.7	+2	NE	1	c	44	40	8	5	–	–	8	8	0	25	–
	Collinstown †	42.3	+2	N'W	1	c	45	37	8	5	–	–	8	8	0	23	–
20	Rineanna †	42.8	+8	E'N	1	c	43	43	8	5	–	–	8	8	0	33	–
	Valentia †	41.1	+6	E	3	c	47	39	8	5	–	–	8	8	0	31	–
	Roches Point †	41.7	+2	ENE.	3	c	46	42	8	5	–	–	8	8	0	25	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

Exposure	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. o-9 (24)	Cloud. Form. Low (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. o-9 (28)	Amount. Low. A. o-9 (29)	Amount. Low. B. o-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ‡ (33)
1	Kew	36.2	-2	NNW	3	ido	45	39	6	5	–	–	8	8	0	28	–	1
	Croydon	35.6	0	NNW	3	do	45	41	4	5	–	–	8	8	0	9	–	1
	S. Farnborough	36.3	+2	NW'W	3	ido	44	40	5	5	–	–	8	4	8	19	40	1
	Boscombe Down	36.8	-2	NW	4	zo	43	36	5	5	–	–	8	3	8	25	25	0
	Calshot	37.0	+2	NNE	3	zo	46	39	6	5	–	–	8	8	0	33	–	0
	Tangmere	35.7	0	N	3	zo	44	43	6	5	–	–	8	8	0	40	–	0
	Lympne	33.1	-4	NNW	5	ido	43	41	6	5	–	–	8	8	0	13	–	1
	Manston	33.4	-2	NW	4	ido	44	43	6	5	–	–	6	4	6	10	15	1
2	Shoeburyness	34.1	-2	NNW	3	c-bc	44	41	6	5	–	–	5	5	0	12	–	1
	Felixstowe	33.3	+6	N	4	bc	46	41	7	5	–	–	4	1	4	15	40	1
	Gorleston	32.4	+2	NNW	4	ido	45	42	6	3	–	–	3	3	0	20	–	1
	Mildenhall	35.0	+2	NNW	3	do	44	42	5	5	–	–	8	5	8	4	15	1
	West Raynham	34.3	0	NNW	4	c	43	42	7	5	7	–	8	4	5	12	40	1
	Waddington	36.5	+6	NW	4	bc/d	43	41	5	5	–	–	4	4	0	21	–	1
3	Cranfield	36.1	-2	N	3	ido	44	39	6	5	–	–	8	4	8	20	25	1
	Honiley	37.8	0	NNW	3	mo	43	37	5	5	–	–	8	8	0	30	–	0
4	Little Rissington	37.7	-2	NNW	3	m	41	35	4	5	–	–	8	4	8	15	25	1
	Defford	38.7	+2	NNW	2	zo	44	36	6	5	–	–	8	8	0	33	–	1
5	Bristol	38.5	+2	NNW	4	zo	44	34	6	5	–	–	7	7	0	29	–	1
	Hurtland Point	38.7	-2	NE	2	c	45	36	7	5	–	–	8	8	0	–	–	1
	Yeovilton	37.7	0	NW'N	3	c	45	39	6	5	–	–	8	3	8	28	40	
	Portland Bill	36.5	+4	NNE	3	zo	46	36	6	5	–	–	8	8	0	10	–	1
	Exeter	39.0	+2	N'E	3	zo	45	35	6	5	–	–	8	8	0	38	–	1
	Plymouth	39.1	0	NE	1	zo	45	35	5	5	–	–	8	8	0	40	–	0
	St. Eval	39.5	-2	NNE	3	c	45	37	7	5	–	–	8	8	0	30	–	0
	Lizard	39.2	0	NE	2	zo	44	37	6	5	–	–	7	8	0	15	–	0
	Guernsey	36.4	+2	NNE	5	mo	47	43	6	5	–	–	8	4	8	20	40	0
6	Scilly, St Marys	39.4	+2	ENE	2	c	46	38	7	5	–	–	8	8	0	–	–	0
	Fairwood	39.7	-2	N	3	zo	43	36	6	5	–	–	8	8	0	43	–	0
	Pembroke	40.2	-4	NE'E	3	mo	46	44	6	5	–	–	8	8	0	26	–	0
	Aberporth	40.0	-2	N'E	3	c	44	37	7	5	–	–	8	8	0	24	–	1
7	Holyhead (Valley)	40.9	+2	NNE	2	c	45	38	7	5	–	–	8	4	8	20	40	0
8	Hawarden	40.2	+2	NNW	3	mo	43	38	5	5	–	–	8	8	0	35	–	0
	Manchester	39.1	+2	WNW	3	m	42	37	4	5	–	–	8	8	0	30	–	0
	Squires Gate	40.0	0	NNW	3	mo	44	39	6	5	–	–	8	8	0	35	–	0
	Carlisle	40.2	+6	NW	3	mo	43	37	6	5	–	–	8	5	8	30	40	1
9	Finningley	37.6	+2	N	5	ro	45	38	6	5	–	–	8	8	0	20	–	1
10	Spurn Head	35.7	+6	N'W	6	o	45	45	7	5	–	–	8	8	0	–	–	1
	Leeming	38.1	0	N	4	c	44	40	8	5	–	–	6	6	0	20	–	1
	Tynemouth	38.4	0	N	3	c/d	45	41	7	5	–	–	8	8	0	15	–	1
	Acklington	39.1	+2	NNW	4	do	45	40	7	5	–	–	8	4	8	9	40	1
11	St. Abb's Head	39.3	+10	NW	3	mo	46	42	6	5	–	–	8	8	0	25	–	0
	Leuchars	40.5	+2	W	2	c	45	37	7	5	–	–	8	8	0	38	–	1
	Bell Rock	39.6	0	NNW	4	o	46	42	8	5	–	–	8	8	–	40	–	*
12	Renfrew	41.4	-2	–	0	mo	39	36	5	5	–	–	4	4	0	50	–	0
	Prestwick	41.1	0	NW	1	mo	42	38	6	5	–	–	8	8	0	28	–	1
	Wigtown	42.2	+6	–	c	c	41	36	7	5	–	–	8	8	0	35	–	1
	Eskdalemuir	40.6	+4	–	0	c	40	35	7	5	–	–	8	8	0	32	–	1
	Point of Ayre	41.2	0	N	3	c	44	37	8	5	–	–	8	8	0	30	–	0
13A	Tiree	42.5	+2	N	2	c	47	40	9	5	–	–	8	3	8	30	40	0
	Benbecula	42.2	-2	NW	2	o	47	36	8	5	–	–	8	8	0	35	–	0
13B	Stornoway	42.1	+2	W	2	c	46	43	8	5	–	–	8	8	0	30	–	0
	Cape Wrath	41.3	+2	NW	3	o	48	37	9	5	–	–	8	8	0	30	–	0
15	Dalwhinnie	41.5	0	NW	1	c	42	36	7	5	–	–	8	8	0	10	–	0
	Aberdeen	39.7	0	NW'N	4	ro	44	42	6	8	–	–	8	6	8	15	25	1
	Rattray	39.4	0	N	4	pro	46	44	6	8	–	–	8	8	0	20	–	1
	Leuchars	41.2	-2	WNW	4	do	46	43	8	5	–	–	7	4	7	20	40	1
	Wick	40.4	+2	NW	4	do	46	44	8	5	–	–	8	3	8	21	40	1
16	Hatston	40.1	0	NNW	4	c	46	42	7	5	–	–	8	8	0	25	–	1
	Lerwick	38.1	+6	NW'N	4	ido	44	41	8	5	–	–	8	3	8	18	25	1
17	Blacksod Point †	42.6	+2	E	1	c	46	39	7	5	–	–	8	7	0	25	–	0
18	Malin Head	41.9	0	N	2	c	49	42	8	5	–	–	8	7	0	25	–	1
	Aldergrove	43.5	+2	–	0	mo	43	41	6	5	–	–	8	8	0	42	–	1
	Cas Archdale	42.8	+2	W	2	c	43	38	8	5	–	–	8	8	0	40	–	1
19	Birr Castle ... †	41.7	+2	NE	1	c	43	39	7	5	–	–	8	8	0	25	–	1
	Collinstown †	42.1	+2	NW	2	c	43	36	7	5	–	–	8	8	0	23	–	1
20	Rineanna †	42.5	+2	NE	2	c	43	39	7	5	–	–	8	8	0	35	–	1
	Valentia †	40.8	0	E	2	o	46	39	8	5	–	–	8	8	0	33	–	0
	Roches Point †	41.3	+2	ENE	2	c	45	41	8	5	–	–	8	8	0	15	–	1

OBSERVATIONS during DAY (16th)

Exposure	Stations. (For heights see p. 4.)	Weather. 06h.-12h. (34)	Weather. 12h.-18h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.-21h. ins. (38)
1	Kew	cmoido	cidomo	47	0.0	Tr
	Croydon	cdodomcm	cmbczcdodo	46	0.0	0.1
	S. Farnborough	cmoldocmo	cmoldo	46	0.0	Tr
	Boscombe Down	cmoczo	czo ido	46	0.0	–
	Calshot	cmozo	cmo ido	*	0.0	Tr
	Tangmere	cmocidomo	cmo ido	47	0.3	–
	Lympne	cido cmo	cidomo	42	0.5	0.1
	Manston	cidomo	cmoldo	46	0.2	Tr
2	Shoeburyness	cmoldocmo	cido bcmo	47	0.3	Tr
	Felixstowe	ccido	cidocirobc	47	0.0	0.3
	Gorleston	oirozoc	cprozobcido	48	0.2	–
	Mildenhall	cmocidomo	ddmddmo	46	0.0	/m
	West Raynham	cdmocmo	cmldo	47	1.0	0.2
	Waddington	cidommo	cidomocmo	45	0.1	0.3
3	Cranfield	czocidomozo	czocidozo	44	0.0	Tr
	Honiley	czo	czo	45	0.0	–
4	Little Rissington	czoido	cidozocz	44	0.0	Tr
	Defford	czo	czo	47	0.0	–
5	Bristol	cmofcm	czczo	46	0.0	–
	Hurtland Point	c	c	47	0.0	–
	Yeovilton	czo	cmo			
	Portland Bill	ozoz	ozozo	48	*	–
	Exeter	cmo	cczo	46	0.0	–
	Plymouth	cmoczo	czo	47	0.0	–
	St. Eval	c	ccmoc	46	0.0	–
	Lizard	bcc	cz	47	0.0	–
	Guernsey	c	cmo	47	0.0	–
6	Scilly, St Marys	cbcczoc	c	48	0.2	–
	Fairwood	cmomozze	cczo	45	0.0	–
	Pembroke	c	c	47	0.0	–
	Aberporth	c	c	46	0.0	–
7	Holyhead (Valley)	c	c	47	0.0	–
8	Hawarden	cmocf	cmcmo	45	0.0	–
	Manchester	cmoczo	czcm	45	0.0	Tr
	Squires Gate	mozfzoc	czomo	46	0.0	–
	Carlisle	cmo	cmo	44	*	–
9	Finningley	czo	cirmcmgio	46	0.0	Tr
10	Spurn Head	omo	orrmoo	46	0.0	2
	Leeming	c	cbcc	46	*	0.1
	Tynemouth	cidomoc	cido	46	*	0.5
11	Acklington	cmobcc	cicidomo	46	0.0	Tr
	St. Abb's Head	bcmo	bcmoomo	46	*	–
	Leuchars	cbc	bcc	47	2.5	–
12	Bell Rock	c	co	*	*	*
	Renfrew	cmoc	cbcmo	46	1.2	–
	Prestwick	czoc	cmo	45	*	–
	Wigtown	c	ccmoc	43	*	–
	Eskdalemuir	cmoc	c	44	0.0	–
	Point of Ayre	c	c	45	0.0	–
13A	Tiree	c	c	48	0.0	–
	Benbecula	o	o	47	*	–
13B	Stornoway	c	c	47	0.0	–
	Cape Wrath	co	o	49	*	–
15	Dalwhinnie		c	43	0.0	–
	Aberdeen	cidoc	ddocroro	46	0.6	0.4
	Rattray	oc	oprcmpr	48	*	1
	Leuchars	cido	cmddc	46	0.0	0.2
	Wick	credo	idododo	46	0.0	0.2
16	Hatston	ccidoc	ccidoc	45	0.0	0.2
	Lerwick	ccpro	ccido	45	0.1	0.4
17	Blacksod Point †	c	c	45	*	–
18	Malin Head	c	c	49	0.0	–
	Aldergrove	cfcmcmo	cmo	44	0.0	–
	Cas Archdale	c	c	43	0.0	–
19	Birr Castle ... †	c	c	44	0.0	–
	Collinstown †	c	c	45	0.0	–
20	Rineanna †	c	c	45	0.0	–
	Valentia †	c	c	47	0.0	–
	Roches Point †	c	c	47	*	–

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

0 = Nil; 1/10 = 2; 1/4 = 4; 1/2 = 5; 3/4 = 6; 9/10 = 7; X = Trace; 8 = Completely covered; 9 = Sky obscured by fog, etc.; 7 = More than 9 but with openings.

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

‡ See footnote p. 4.

* Information not usually received.

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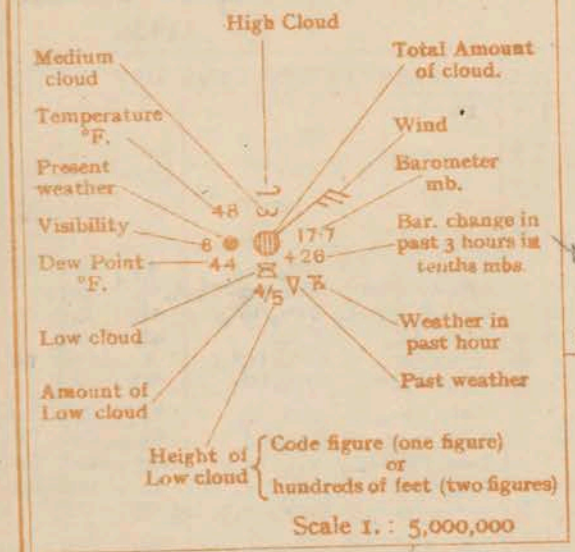
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

STATION MODEL



Scale 1. : 5,000,000

6h Wednesday 17th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	21h %
				°F.	°F.	°F.	mm.	mm.	Yesterday		To-day
Kew ...	cm$_0$ id$_0$	cid$_0$m$_0$	cid$_0$m$_0$	47	43	41	Tr	Tr	0·0	*	*
Croydon ...	cdd$_0$mcm	cmbzzd$_{01}$	ccid$_{08}$m$_0$	46	43	43	1	Tr	0·0	77	85
Greenwich ...	cm$_0$	cd$_0$m$_0$	cdd$_0$m$_0$	46	44	41	Tr	0·3	*	80	88
Westminster	*	*	*	47	43	41	Tr		*	81	89
Regents Park	*	*	*	46	43	41	Tr	Tr	*	81	87
Camden Square	c	c	*	47	44	41	Tr	Tr	*	*	92
Kensington ...	bccbc	cdbccd	*	47	44	41	Tr	Tr	*	93	92
Hampstead ...	6r	0	oor	44	41	37	0·3	0·1		*	96

Atmospheric Pollution Milligrams of solid impurities per cubic metre.
Kew 24 hours ended 6h. Max 0·2 Time 16th Min 0·1 Time 0-6hrs on 17th.

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

GENERAL INFERENCE

An intense anticyclone is almost stationary to the Northwest of Ireland. It will be cloudy or dull over the British Isles with occasional rain or drizzle in eastern districts. In east and southeast England and the east Midlands rain or drizzle may become more general tonight. There will be little change of temperature.

FURTHER OUTLOOK

Continuing cloudy or dull with little change of temperature. Occasional drizzle locally in the East with local rain or drizzle in the Southeast.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 17th December

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

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

Wednesday 17th December 1947 — No 31436

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

Dist.	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9a)	Form. Med. (10a)	Form. High. (11a)	Amount. Total. 0–10 (12a)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16						45										
	Croydon	217	34·9	-2	NW'W	5	id₀	45	41	6	5	-	-	8	8	-	9	-
	S. Farnborough	326	35·7	-6	NNW	3	id₀	44	40	5	5	-	-	8	8	-	12	-
	Boscombe Down	417	36·3	-2	NW	4	m₀	43	38	6	5	-	-	7	7	-	29	-
	Calshot	8	36·7	0	N	3	z₀	45	37	6	5	-	-	8	8	-	26	-
	Tangmere	53	35·1	-4	N	3	m₀	45	42	6	5	-	-	8	8	-	25	-
	Lympne	341	32·4	-8	N'W	5	fpr	43	42	6	6	-	-	8	8	-	13	-
	Manston	140	32·9	-4	N	4	d₀d₀	44	44	8	5	-	-	8	4	8	7	15
2	Shoeburyness	11																
	Felixstowe	10	33·0	+6	NNE	5	b·bc	45	41	7	5	-	-	3	3	-	17	-
	Gorleston	5	32·9	+10	N	6	d₀d₀	45	43	6	-	2	-	8	8	-	10	-
	Mildenhall	15	34·2	-2	N'W	3	c/d	45	44	6	5	-	-	8	4	8	10	25
	West Raynham	250	34·2	+2	NNW	5	c/d	45	44	5	5	-	-	8	4	8	8	15
	Waddington	235	36·2	0	NW	3	d₀d₀	42	42	4	5	-	-	8	4	8	5	15
3	Cranfield	340	35·5	-4	N	4	m₀	43	40	6	5	-	-	8	8	-	12	-
	Honiley	427	37·5	+2	NNW	3	m₀	43	39	5	5	-	-	8	8	-	30	-
4	Little Rissington	731	37·1	-2	N'W	3	m₀	41	36	5	5	-	-	8	8	-	22	-
	Defford	58	38·1	-2	NNW	3	z₀	44	37	6	5	-	-	8	8	-	35	-
5	Bristol	209	37·8	-4	N	4	z₀	43	36	6	5	-	-	8	8	-	28	-
	Hartland Point	299	38·9	+2	NE	2	c	45	37	7	5	-	-	7	7	-	-	-
	Yeovilton	50																
	Portland Bill	32	35·8	-8	NNE	3	0	45	35	6	5	-	-	8	8	-	10	-
	Exeter	100	38·6	-6	NW	2	c	43	36	7	5	-	-	8	8	-	36	-
	Plymouth	86	39·1	0	N	2	z₀	44	35	6	5	-	-	8	4	8	15	30
	St. Eval	345	39·6	+4	NE	3	c	43	37	7	5	-	-	8	8	-	26	-
	Lizard	340	39·2	0	NE	1	c	43	36	7	5	-	-	7	8	-	15	-
	Guernsey	340	36·4	-2	N	5	c	46	42	7	5	-	-	8	4	8	20	25
	Scilly, St. Marys	163	39·5	+2	NE'E	4	c	48	41	8	5	-	-	8	8	-	-	-
6	Fairwood	68	39·9	-2	N	1	m₀	42	36	6	5	-	-	8	8	-	13	-
	Pembroke	142	40·9	+6	NE'E	3	c	44	42	7	5	-	-	8	8	-	35	-
	Aberporth	425	40·8	+4	NNE	2	c	43	35	7	5	-	-	7	7	-	26	-
7	Holyhead (Valley)	32	41·2	0	N	3	m₀	43	37	6	5	-	-	8	8	-	20	-
	Hawarden	15	39·9	-6	NNW	4	c	44	39	7	5	-	-	8	8	-	35	-
8	Manchester	230	38·7	-2	WNW	3	m₀	43	38	6	5	-	-	8	8	-	24	-
	Squires Gate	33	40·3	+2	NW	3	c	44	40	7	5	-	-	7	7	-	40	-
	Carlisle	100	40·2	0	NW	1	m₀	41	39	6	5	-	-	8	8	-	39	-
9	Finningley	28	37·5	0	N	3	m₀	42	40	6	5	-	-	4	4	-	20	-
10	Spurn Head	29	35·3	0	N	6	b·bc	45	45	7	5	-	-	3	3	-	-	-
	Leeming	105	38·6	+4	N	4	c	43	41	8	5	-	-	8	8	-	20	-
	Tynemouth	108	38·8	0	N	4	DD	45	44	6	6	-	-	8	8	-	12	-
	Acklington	138	39·0	0	NNW	4	c	45	42	7	5	-	-	8	8	-	40	-
11	St. Abb's Head	280	39·1	-2	NW	3	m₀	45	45	6	5	-	-	8	8	-	25	-
	Leuchars	31	41·0	+4	W	2	c	45	38	7	5	-	-	8	8	-	36	-
	Bell Rock	—	39·6	+2	NW	4	0	46	42	8	7	-	-	7	-	-	-	-
12	Renfrew	35	42·0	+6	W	1	m₀	42	38	6	5	-	-	7	7	-	45	-
	Prestwick	30	41·6	+2	E	1	m₀	41	39	5	5	-	-	8	8	-	33	-
	Wigtown	19	42·3	+4	-	0	c	40	37	7	5	-	-	8	8	-	30	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	41·2	0	NNW	3	c	46	39	8	5	-	-	8	3	8	20	25
13A	Tiree	44	42·9	0	NE	2	c	47	40	9	5	-	-	8	8	-	40	-
	Benbecula	27	43·3	+6	N	2	0	47	38	8	5	-	-	8	8	-	35	-
13B	Stornoway	12	42·9	+2	WNW	2	c	45	43	7	5	-	-	8	8	-	30	-
	Cape Wrath	367	41·7	+2	NW	2	0	47	40	9	5	-	-	8	8	-	30	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						45										
	Rattray	46	39·0	+2	N	4	c	46	39	7	8	-	-	8	8	-	20	-
	Lossiemouth	21	42·2	+2	NW	4	c	45	43	8	5	-	-	7	7	-	30	-
	Wick	114	41·3	+4	NNW	2	id₀	44	42	7	5	-	-	8	8	-	28	-
16	Hazston	45	40·9	+2	NW'N	4	c	46	42	7	5	-	-	8	8	-	28	-
	Lerwick	200	38·5	+2	NNW	4	b·bc	42	40	8	5	-	-	3	3	-	28	-
17	Blacksod Point †	18	44·1	+6	—	0	c	45	37	7	5	-	-	8	8	-	25	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	42·9	+6	N	1	m₀	44	40	6	5	-	-	8	8	-	30	-
	Cas. Archdale	325	43·7	+10	NW	2	c	42	39	8	5	-	-	8	8	-	35	-
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	42·4	+2	N	2	0	44	40	8	5	-	-	8	8	-	21	-
20	Rineanna †	13	43·6	+6	NNE	1	0	41	38	7	5	-	-	8	8	-	33	-
	Valentia †	30	42·1	+4	NE'E	2	0	45	37	8	5	-	-	8	8	-	35	-
	Roche's Point †	22	42·7	+6	NE'N	2	c	43	39	8	5	-	-	8	8	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Dist.	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25a)	Form. Med. (26a)	Form. High. (27a)	Amount. Total. 0–10 (28a)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0–9 (33)
1	Kew	35·1	+2	N	3	m₀	45	42	6	5	-	-	7	7	-	28	-	1
	Croydon	34·9	+2	NNW	4	c/d	44	41	5	5	-	-	8	8	-	09	15	1
	S. Farnborough	35·6	+2	N'W	3	c/d	44	41	5	5	-	-	8	4	8	10	15	1
	Boscombe Down	36·3	0	NW	4	m₀	42	39	6	5	-	-	8	4	8	25	-	1
	Calshot	36·5	-8	N	4	m₀	45	40	6	5	-	-	8	8	-	25	-	0
	Tangmere	34·9	0	N	4	m₀	45	43	6	5	-	-	8	8	-	25	-	0
	Lympne	32·7	+6	N'E	4	rr	43	41	3	6	-	-	8	8	-	08	-	1
	Manston	33·1	+4	N	4	d₀d₀	44	44	6	5	-	-	8	8	-	13	-	1
2	Shoeburyness	33·9	+2	NNW	3	m₀	43	41	6	5	-	-	5	5	-	25	-	1
	Felixstowe	33·3	+2	NNE	4	id₀	45	43	7	5	-	-	8	8	-	12	-	1
	Gorleston	33·1	-4	N'E	5	c/pr	45	43	6	5	-	-	8	8	-	20	-	1
	Mildenhall	35·1	+6	NNW	3	c/d	44	43	6	5	-	-	8	4	8	07	15	1
	West Raynham	36·4	+6	NNW	3	c/d	43	43	6	5	-	-	8	5	8	05	08	1
	Waddington	36·2	-2	NW	3	m	41	40	4	5	-	-	8	4	8	18	-	1
3	Cranfield	35·6	+2	N	4	m₀	43	39	6	5	-	-	8	4	8	13	25	1
	Honiley	37·3	+2	NNW	3	m₀	42	38	6	5	-	-	8	8	-	27	-	0
4	Little Rissington	37·2	+2	N'E	4	m₀	41	37	6	5	-	-	8	8	-	15	-	1
	Defford	38·0	0	NNW	3	z₀	44	37	6	5	-	-	8	8	-	33	-	1
5	Bristol	37·6	0	NNE	4	m₀	43	37	6	5	-	-	8	8	-	25	-	1
	Hartland Point	37·7	-6	NE	3	c	46	40	6	5	-	-	8	4	8	-	-	1
	Yeovilton	36·9	-4	NNW	2	z₀	45	38	6	5	-	-	8	8	-	-	-	1
	Portland Bill	35·0	-8	NE'N	4	z₀	45	37	6	5	-	-	4	4	-	10	-	1
	Exeter	37·8	-4	N'E	3	c	45	38	7	5	-	-	8	8	-	33	-	1
	Plymouth	38·2	-6	N	2	z₀	44	37	6	5	-	-	6	3	6	20	35	0
	St. Eval	38·6	-8	NNE	3	c	45	37	7	5	-	-	8	8	-	31	-	1
	Lizard	38·7	-4	NE	2	c	43	36	7	5	-	-	8	8	-	20	-	0
	Guernsey	35·5	-4	NNE	5	m₀	46	42	8	6	-	-	8	6	8	20	25	0
	Scilly, St. Marys	38·5	-2	NE'E	4	c	47	39	8	5	-	-	8	8	-	-	-	0
6	Fairwood	39·4	-2	N	3	c	42	38	7	5	-	-	8	6	-	43	-	0
	Pembroke	39·8	-4	NNE	3	c	44	42	7	5	-	-	8	8	-	30	-	0
	Aberporth	39·6	-6	NNE	4	c	45	40	7	5	-	-	8	8	-	29	-	1
7	Holyhead (Valley)	40·8	-2	NNW	3	m₀	45	41	6	5	-	-	8	8	-	25	-	0
	Hawarden	39·4	-2	NNW	3	z₀	44	39	6	5	-	-	8	8	-	31	-	0
8	Manchester	38·8	+2	NW	3	m₀	43	39	6	5	-	-	8	8	-	29	-	0
	Squires Gate	39·9	-2	NNW	4	c	45	40	7	5	-	-	8	8	-	36	-	0
	Carlisle	39·9	-2	NW	3	m₀	42	39	6	5	-	-	8	8	-	28	-	1
9	Finningley	37·5	0	N	3	bc/d	44	42	6	5	-	-	4	4	-	20	-	1
10	Spurn Head	35·7	+4	N	5	bdpr	44	44	7	3	-	-	4	4	-	-	-	1
	Leeming	38·4	+2	N	4	c	44	41	7	5	-	-	6	3	6	15	25	1
	Tynemouth	38·5	-2	N	3	c/d	45	42	7	5	-	-	8	8	-	12	-	1
	Acklington	38·7	-2	NNW	5	c	44	42	7	5	-	-	8	8	-	32	-	1
11	St. Abb's Head	38·4	+2	NW	4	m₀	45	45	7	6	-	-	8	8	-	25	-	1
	Leuchars	40·3	-4	WNW	2	c/bc	44	37	7	5	-	-	5	5	-	32	-	1
	Bell Rock	39·2	0	NW'N	5	c	46	39	8	7	-	-	6	1	-	-	-	*
12	Renfrew	41·5	-2	W	1	c	42	40	7	5	-	-	8	8	-	40	-	0
	Prestwick	40·9	-6	SE	1	m₀	41	39	5	5	-	-	8	8	-	31	-	1
	Wigtown	41·5	-6	WNW	2	c	42	39	7	5	-	-	8	8	-	35	-	1
	Eskdalemuir	40·0	-2	N'W	1	m₀	42	35	6	5	-	-	8	8	-	18	-	1
	Point of Ayre	41·2	0	N	3	c	47	43	8	5	-	-	8	8	-	20	-	0
13A	Tiree	43·0	-2	N'W	2	c	46	38	9	5	-	-	8	8	-	35	-	0
	Benbecula	43·0	-4	N	1	0	45	38	8	5	-	-	8	8	-	35	-	0
13B	Stornoway	43·1	0	W	2	c	45	41	7	5	-	-	8	8	-	30	-	1
	Cape Wrath	42·0	-8	NW	2	0	47	38	9	5	-	-	8	8	-	30	-	0
15	Dalwhinnie	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
	Aberdeen	39·7	+2	NNW	3	bc	44	42	7	7	-	-	4	3	4	25	-	1
	Rattray	38·3	-12	N	6	c·bc	45	38	7	5	-	-	5	5	-	20	-	1
	Lossiemouth	42·9	+2	W	4	c	44	42	7	7	-	-	6	6	-	30	-	1
	Wick	40·9	0	NNW	4	c	45	40	7	5	-	-	8	8	-	33	-	1
16	Hazston	40·7	-2	NW'N	4	c	46	42	7	5	-	-	8	8	-	30	-	1
	Lerwick	38·1	0	NNW	4	c	44	41	8	5	-	-	8	4	8	25	-	1
17	Blacksod Point †	43·6	-6	—	0	c	43	39	7	5	-	-	8	8	-	25	-	0
18	Malin Head †	42·7	0	NNE	2	c	48	44	7	5	-	-	8	8	-	25	-	1
	Aldergrove	-	-	-	0	c	42	40	7	5	-	-	8	8	-	30	-	1
	Cas. Archdale	42·9	-6	-	0	c	43	40	8	5	-	-	8	8	-	25	-	1
19	Birr Castle †	42·5	+2	NE	1	c	43	39	7	5	-	-	8	8	-	25	-	1
	Collinstown †	43·2	+2	NNW	3	c	42	36	7	5	-	-	8	8	-	30	-	1
20	Rineanna †	43·0	+6	N'W	2	0	41	39	7	5	-	-	8	8	-	27	-	1
	Valentia †	41·8	-2	E'N	4	c	43	35	8	5	-	-	8	8	-	35	-	1
	Roche's Point †	41·7	-10	ENE	2	c	43	39	8	5	-	-	8	8	-	15	-	1

OBSERVATIONS Tuesday NIGHT

Dist.	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (42)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	c1d₀m₀	c1d₀m₀	43	41	TR
	Croydon	cc1d₀d₀c	c1d₀d₀m₀c	43	43	TR
	S. Farnborough	c1d₀d₀	c1d₀d₀	43	40	TR
	Boscombe Down	c2₀m₀z₀	c1m₀	43	41	TR
	Calshot	c1m₀	c1m₀	44	42	TR
	Tangmere	c1m₀r₀	c1m₀	44	42	-
	Lympne	c1m₀c1r₀	c1r₀m₀c1r	42	40	1
	Manston	c1d₀d₀	c1d₀d₀m₀	43	42	0·4
2	Shoeburyness	c1d₀	c1m₀	42	35	0·6
	Felixstowe	c1r·b	b·bc c d₀ d₀	43	41	1
	Gorleston	o d₀ d₀ z₀	o p r₀ o z₀	44	·	2
	Mildenhall	c d₀ d₀ c1m₀	c1d₀d₀c1m₀	43	43	2
	West Raynham	c1d₀m₀o d₀d₀m₀c1m₀		43	40	2
	Waddington	c1d₀d₀m	c1d₀d₀m₀bc1m	40	37	TR
3	Cranfield	c1d₀m₀	c1m₀	42	·	TR
	Honiley	c2₀c1d₀	c1m₀	41	38	TR
4	Little Rissington	c2₀i d₀ 2	c1m₀	41	~~40~~	0·2
	Defford	c2₀	c2₀	43	41	-
5	Bristol	c2₀	c2₀	42	39	-
	Hartland Point	c	c	43	43	-
	Yeovilton		c1m₀	41	37	-
	Portland Bill	0	o b c	44	*	-
	Exeter	c2₀c	c	42	39	-
	Plymouth	c2₀	c2₀	43	41	-
	St. Eval	c	c	42	40	-
	Lizard	c	c	42	*	-
	Guernsey	c	c	45	33	-
	Scilly, St. Marys	c	c	46	*	-
6	Fairwood	c2₀	c2₀c1m₀c	41	39	-
	Pembroke	c	c	43	*	-
	Aberporth	c	c	42	40	-
7	Holyhead (Valley)	c0, c1m₀	c1m₀c1m₀	41	38	-
	Hawarden	c1m₀c	c c1m₀	43	41	TR
8	Manchester	c1m₀	c1m₀	41	40	-
	Squires Gate	c1m₀c	c	43	42	-
	Carlisle	c1m₀	c1m₀	40	39	-
9	Finningley	c i r₀ m₀ b c	b c m₀ r₀	41	36	TR
10	Spurn Head	b c	c p r	44	*	0·4
	Leeming	c b c i r i d₀	c	42	39	0·6
	Tynemouth	o i d o d d.	o d d o i d₀	44	42	2
	Acklington	c i d₀ c	c i d₀ c1m₀c	43	41	0·1
11	St. Abb's Head	o m₀d₀m₀	o m₀	43	*	TR
	Leuchars	m c c	c	37	31	-
	Bell Rock	0	o c	*	*	-
12	Renfrew	b c m₀c m₀	c m₀ r₀ w	35	33	-
	Prestwick	c m₀ w	c m₀ w c m₀	40	38	-
	Wigtown	c	c	39	38	-
	Eskdalemuir	c m₀	c m₀	40	39	-
	Point of Ayre	c	o c	43	·	-
13A	Tiree	c	c	45	43	-
	Benbecula	0	0	45	43	-
13B	Stornoway	c	c z z	42	39	-
	Cape Wrath	0	0	42	40	-
15	Dalwhinnie			37	36	-
	Aberdeen	i r b c m₀	c m₀ r₀ c b c	43	41	0·6
	Rattray	c c	c	43	·	0·5
	Lossiemouth	c	d o d₀ c	40	31	0·5
	Wick	c i d d	o i d d c	43	41	0·1
16	Hazston	c i d₀ c	c i d₀ c	45	43	0·1
	Lerwick	c i d₀ b	b b c d₀ c	40	38	-
17	Blacksod Point †	c	c	41	*	-
18	Malin Head †		c	47	*	-
	Aldergrove	c m₀	c m₀ w c	42	40	-
	Cas. Archdale	c	c	40	40	-
19	Birr Castle †		c	41	36	-
	Collinstown †	c	c	41	36	-
20	Rineanna †	c	c	40	40	-
	Valentia †	c	c	42	39	-
	Roche's Point †	c	c	43	*	-

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

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

Thursday 18th December 1947 — No. 31437

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

Diagram	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–8 (12a)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	35.6	-2	N'W	4	m_o	46	40	6	5	-	-	7	5	6	15	40
	Croydon	35.2	-2	NNW	4	id_o	45	39	4	5	-	-	8	5	8	5	15
	S. Farnborough	36.1	-2	N'W	3	id_o	45	41	7	5	-	-	8	3	6	6	8
	Boscombe Down	36.6	-2	NNW	3	m_o	44	39	6	5	-	-	5	4	5	12	25
	Calshot	36.5	0	N	4	z_o	46	39	6	5	3	-	8	4	4	20	40
	Tangmere	36.5	+2	N	3	id_o	45	43	6	5	-	-	7	7	0	20	-
	Lympne	33.0	+2	NNW	5	c/d	44	42	7	5	-	-	7	7	5	6	~~7~~ 12
	Manston	33.1	-6	NNW	4	bc	44	44	7	8	-	-	4	3	4	8	25
2	Shoeburyness	33.8	-2	NNW	3	bc/d	46	42	6	5	-	2	4	3	3	8	40
	Felixstowe	32.7	-6	N'E	4	c/r	46	43	7	8	3	-	7	4	4	20	40
	Gorleston	32.1	-8	NNE	5	c-bc/r	46	43	6	5	7	-	5	4	3	20	72
	Mildenhall	34.4	-6	NNW	4	c/d	45	43	7	5	-	-	7	4	6	5	15
	West Raynham	34.1	-4	NNW	5	c/d	44	42	7	5	-	-	8	5	7	5	25
	Waddington	36.6	+2	NNW	4	m_o	44	42	5	5	-	-	8	4	7	10	25
3	Cranfield	35.8	-2	N'W	4	c/d	44	39	8	5	-	-	7	7	0	8	-
	Honiley	37.5	-2	NNW	3	m_o	44	39	6	5	-	-	8	6	8	20	25
4	Little Rissington	37.3	0	NNW	3	id_o	42	38	5	5	-	-	7	5	7	6	15
	Defford	39.4	+2	NNW	4	z_o	45	38	6	5	-	-	8	4	8	25	40
3	Bristol	38.0	0	N	2	m	44	39	4	5	-	-	8	4	7	20	25
	Hartland Point	38.5	+4	NE	3	c	47	40	8	-	7	-	7	3	5	-	-
	Yeovilton	37.4	0	N'W	3	z_o	46	38	6	5	-	-	8	4	8	30	40
	Portland Bill	36.0	+4	NE	3	z_o	46	39	6	5	-	-	8	8	0	10	-
	Exeter	38.9	+6	N'E	4	c	46	39	7	~~5~~ 7	-	-	8	3	8	25	40
	Plymouth	39.1	+8	NW	1	z_o	46	39	6	5	-	-	8	8	8	15	~~35~~ 30
	St. Eval	39.6	+6	NNE	4	c	47	41	8	5	-	-	8	2	8	15	30
	Lizard	38.9	+4	NE'N	2	c	46	39	7	5	-	-	8	8	0	20	-
	Guernsey	36.5	+2	NNE	5	c	46	42	7	5	-	-	8	4	4	16	25
	Scilly, St. Marys	39.8	+6	NE'N	4	c	48	40	8	5	-	-	8	8	0	22	-
6	Fairwood	40.0	+6	N'W	2	c	44	39	7	5	-	-	8	8	0	40	-
	Pembroke	40.7	+2	NE'N	3	c	47	45	7	5	-	-	8	8	0	28	-
	Aberporth	40.2	+4	NNE	3	c	46	39	8	5	-	-	8	3	8	18	40
7	Holyhead (Valley)	41.3	+6	NNW	3	c	47	38	8	5	-	-	8	2	8	30	40
	Hawarden	40.0	+14	N	3	z_o	46	39	6	5	-	-	8	8	0	30	-
8	Manchester	38.8	+2	NNW	5	z_o	45	37	5	5	-	-	7	4	7	16	25
	Squires Gate	40.2	+2	NW	2	c	46	39	5	5	-	-	7	4	7	25	25
	Carlisle	40.5	+2	NW	1	c	44	39	8	5	-	-	8	4	3	10	40
9	Finningley	37.4	-2	N	4	d	44	41	6	5	-	-	8	8	0	12	-
10	Spurn Head	35.6	-2	SW'W	5	c/r	46	45	7	3	-	-	8	8	0	-	-
	Leeming	38.5	0	N	4	c	45	41	7	6	-	-	8	8	0	15	25
	Tynemouth	38.5	~~-2~~ 0	~~NNW~~ N	4	c	~~46~~ 45	~~42~~ 41	7	8	-	-	7	7	0	14	-
	Acklington	38.9	-2	NNW	4	m_o	45	42	6	5	-	-	7	3	7	9	15
11	St Abb's Head	39.5	0	NW	4	m_o	46	42	6	5	-	-	8	5	7	25	-
	Leuchars	41.1	+2	WNW	2	c	43	38	8	5	3	-	7	6	4	30	-
	Bell Rock	40.0	+2	N'W	5	0	48	36	8	5	-	-	8	8	-	40	-
12	Renfrew	42.1	+2	W	1	m_o	41	39	6	7	3	9	5	3	5	-	-
	Prestwick	41.6	+4	-	0	m_o	45	42	5	-	3	2	5	4	5	150	-
	Wigtown	42.1	+2	WNW	1	c	45	40	8	5	-	-	5	6	6	0	35
	Eskdalemuir	41.6	+12	N	2	c	43	36	8	5	-	-	8	8	0	0	24
	Point of Ayre	41.5	+4	NNE	4	c	47	39	8	5	-	-	8	8	0	35	-
13A	Tiree	43.8	+2	N'E	3	c	48	36	9	5	7	-	7	7	1	35	-
	Benbecula	44.2	~~+12~~ +7	-	0	0	46	40	8	5	-	-	8	8	0	40	-
13B	Stornoway	42.9	-8	WNW	2	c	45	40	7	5	-	-	8	8	0	35	-
	Cape Wrath	42.9	+2	NW	2	c-bc	47	38	9	5	-	-	5	5	0	30	-
15	Dalwhinnie																
	Aberdeen	40.4	+2	NW	4	c	45	40	8	5	-	-	8	2	8	10	25
	Rattray	39.1	+10	NNW	5	c/r	46	43	7	8	-	-	8	8	0	15	-
	Lossiemouth	42.6	+2	W	3	c	46	42	8	5	-	-	8	3	7	25	40
	Wick	41.6	+6	NW	4	c	46	40	8	5	-	-	8	8	0	30	-
16	Hawston	41.2	+2	NNW	4	c	47	41	7	5	-	-	8	4	8	15	25
	Lerwick	38.2	-2	NNW	4	c	46	41	8	5	-	-	8	8	0	35	-
17	Blacksod Point †	45.0	+4	-	0	c	45	41	7	5	-	-	8	8	0	25	-
18	Malin Head †	43.7	+6	N'E	3	c	48	40	7	5	-	-	8	8	0	25	-
	Aldergrove	---	---	NNW	3	c	46	40	8	5	-	-	8	8	0	35	-
	Cas Archdale	44.4	+2	NNW	2	c	45	40	8	5	-	-	8	8	0	30	-
19	Birr Castle †	43.2	0	NE	1	c	45	41	8	5	-	-	8	8	0	25	-
	Collinstown †	42.6	-2	NNW	3	c	45	37	8	5	-	-	8	8	0	33	-
20	Rineanna †	44.6	+6	NNW	2	c	44	40	8	5	-	-	8	8	0	30	-
	Valentia †	43.5	+2	NE'N	3	c	46	38	8	5	-	-	8	7	1	27	-
	Roches Point †	43.4	+6	NNE	3	c-bc	45	41	8	5	-	-	5	5	-	25	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Diagram	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–8 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
1	Kew	33.3	-6	N	4	id_o	45	40	6	5	-	-	5	3	-	15	-	1
	Croydon	33.0	-6	NNW	4	m	45	40	4	5	-	-	8	8	-	12	-	1
	S. Farnborough	34.0	-8	NNW	3	do_o	45	41	6	5	-	-	8	4	8	14	15	1
	Boscombe Down	34.8	-6	WNW	4	z_o	44	37	5	5	-	-	8	8	-	29	-	0
	Calshot	34.7	-6	N	4	mo	48	42	6	5	-	-	8	8	-	18	-	0
	Tangmere	33.3	-10	NNW	4	m_o	45	43	6	5	-	-	8	4	8	16	25	1
	Lympne	30.8	-10	NNW	5	id_o	43	41	7	5	-	-	8	8	-	9	-	1
	Manston	30.7	-10	NNW	5	id_o	44	43	6	5	-	-	8	5	8	8	15	1
2	Shoeburyness	31.8	-10	NW	4	c/d	45	42	7	5	-	-	7	5	7	9	40	1
	Felixstowe	30.4	-12	N'E	4	id_o	46	42	7	5	-	-	8	8	-	9	-	1
	Gorleston	29.9	-12	N	5	p/o	44	42	6	3	-	-	5	5	-	15	-	1
	Mildenhall	32.3	-10	NNE	4	id_o	45	43	6	5	-	-	8	4	8	9	15	1
	West Raynham	32.1	-6	N	5	id_o	44	43	6	5	-	-	8	5	6	8	25	1
	Waddington	34.4	-2	N	4	dodo	44	41	5	5	-	-	8	1	8	13	40	1
3	Cranfield	33.8	-6	N	4	dodo	43	41	6	5	-	-	8	8	-	11	-	1
	Honiley	35.8	-6	NNW	3	c/d	43	38	5	5	-	-	8	8	-	30	-	1
4	Little Rissington	35.7	-2	NNW	4	c/d	42	37	4	5	-	-	8	4	8	8	15	1
	Defford	36.6	-2	NNW	3	z_o	45	38	6	5	-	-	8	8	-	39	-	1
3	Bristol	36.7	-2	N	4	z_o	45	37	5	5	-	-	8	8	-	29	-	1
	Hartland Point	37.2	-6	N	3	c	46	39	8	5	-	-	7	7	-	-	-	1
	Yeovilton	35.9	-6	NW	3	z_o	45	38	6	5	-	-	8	8	-	40	-	
	Portland Bill	34.3	-10	NE	4	z_o	46	39	6	5	-	-	8	8	-	10	-	1
	Exeter	37.3	+4	NW	3	c	45	38	8	5	-	-	8	5	8	~~52~~ 22	~~77~~ 4	0
	Plymouth	37.2	-8	NE	2	m_o	45	39	5	5	-	-	8	4	8	15	~~35~~ 30	0
	St. Eval	38.0	-6	NNE	5	c	45	39	8	5	-	-	8	8	-	32	-	1
	Lizard	38.0	-2	NNE	1	c	44	39	7	5	-	-	8	8	-	15	-	0
	Guernsey	34.7	-8	NNE	5	c	46	40	7	5	-	-	8	4	8	15	25	0
	Scilly, St. Marys	38.1	-8	NE	5	c	47	41	8	5	-	-	8	8	-	~~40~~ 40	-	0
6	Fairwood	38.~~40~~ 40	-2	NNW	~~4~~ 2	m_o	44	39	6	5	-	-	8	8	-	~~80~~ 40	-	0
	Pembroke	39.3	-6	NE	4	c	46	44	7	5	-	-	8	8	-	35	-	0
	Aberporth	38.9	+6	NNE	4	c	45	39	7	5	-	-	8	4	8	18	40	1
7	Holyhead (Valley)	39.9	-6	N	3	c	45	38	8	5	-	-	8	8	-	30	-	0
	Hawarden	38.8	+2	NNW	3	mo	45	40	5	5	-	-	8	3	8	23	40	0
8	Manchester	37.2	-6	NNW	5	z_o	45	38	5	5	-	-	8	8	-	20	-	0
	Squires Gate	38.8	-4	NW	2	mo	45	40	6	5	-	-	8	4	7	20	25	0
	Carlisle	39.2	0	NW	3	c	43	39	7	5	-	-	8	4	8	25	40	1
9	Finningley	36.9	0	NNW	4	mo	45	41	5	5	-	-	7	7	-	34	-	1
10	Spurn Head	33.5	-4	N	6	cq	45	45	6	5	-	-	8	8	-	-	-	1
	Leeming	36.9	-2	N	3	ido	44	42	6	5	-	-	8	4	8	18	40	1
	Tynemouth	37.0	-2	N	4	id_o	~~45~~ 46	43	7	~~6~~ 5	-	-	8	8	-	12	-	1
	Acklington	37.8	-2	NNW	5	mo	45	41	6	5	-	-	8	7	-	32	-	1
11	St Abb's Head	37.7	+2	NNW	6	cq	46	42	7	5	-	-	8	8	-	25	-	0
	Leuchars	39.6	-4	-	0	mo	39	36	6	5	3	2	4	2	2	35	-	1
	Bell Rock	39.0	+6	N	4	c	47	40	8	-	7	-	7	0	-	-	-	*
12	Renfrew	40.5	-6	-	0	mo	38	35	5	-	3	1	3	3	2	-	-	1
	Prestwick	40.5	-2	ENE	1	m	34	34	4	-	3	2	4	2	4	120	-	1
	Wigtown	40.6	-8	NW	1	b	37	34	7	5	-	-	2	1	-	35	-	1
	Eskdalemuir	39.4	-2	N'E	2	c-bc	42	34	8	5	-	1	5	4	2	~~24~~ 23	-	1
	Point of Ayre	40.2	-8	NW'N	3	b	45	39	8	5	-	-	2	1	1	25	40	0
13A	Tiree	42.4	-6	N	2	c	48	39	8	5	-	-	8	5	8	25	40	0
	Benbecula	42.4	-6	WNW	2	o	46	43	8	5	-	-	8	8	-	30	-	0
13B	Stornoway	41.6	-6	-	0	c	45	44	7	5	-	-	7	7	-	30	-	1
	Cape Wrath	40.9	-4	NW	3	c	46	42	9	5	-	-	7	7	-	30	-	0
15	Dalwhinnie	40.5	-4	NE	1	c	41	34	7	5	-	-	8	8	-	10	-	0
	Aberdeen	39.5	-2	NW	3	c	45	38	8	5	-	-	8	8	-	20	-	0
	Rattray	37.4	-6	NNW	6	c	45	40	7	8	-	-	8	8	-	15	-	0
	Lossiemouth	41.5	-2	W'N	4	c	45	42	8	5	-	-	8	3	6	25	40	0
	Wick	40.2	-6	NW	3	c	45	38	8	5	-	-	8	8	-	33	-	1
16	Hawston	40.1	-2	NW	4	c	46	42	7	5	-	-	8	5	8	20	40	1
	Lerwick	37.2	-10	NNW	4	c-bc	45	43	8	5	-	-	8	5	-	28	-	1
17	Blacksod Point †	44.3	-2	NW	1	c	46	42	7	5	-	-	8	8	-	25	-	0
18	Malin Head †	42.6	-6	NE	3	c	48	40	8	5	-	-	8	6	6	25	-	0
	Aldergrove	---	--	N	3	c	45	38	8	5	-	-	8	4	8	22	40	1
	Cas Archdale	42.9	-4	NNW	2	c	45	40	8	5	-	-	8	8	-	30	-	1
19	Birr Castle †	42.6	-2	NE	1	c	44	40	8	5	-	-	8	8	-	25	-	1
	Collinstown †	41.8	0	NNW	1	c	45	37	8	5	-	-	8	8	-	29	-	1
20	Rineanna †	43.8	+2	NW'N	2	c	43	41	8	5	-	-	8	8	-	25	-	1
	Valentia †	43.4	+2	NE'E	1	c	43	35	8	5	-	-	6	6	-	23	-	1
	Roches Point †	42.5	0	N'E	2	c	45	41	8	5	-	-	6	6	-	25	-	1

OBSERVATIONS during DAY (17th)

Diagram	Stations	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp 06h.–18h. °F. (36)	Sunshine Hrs. (37)	Rain 06h.–18h. ins. (38)
1	Kew	$cid_o m_o$	cmoido	46	0.1	Tr
	Croydon	$cm_o id_o m$	$cd_o do cm$	45	0.0	Tr
	S. Farnborough	cid_o	$cm_o dodo$	45	0.0	Tr
	Boscombe Down	$ccid_o s m_o$	$cm_o cm_o cm_o z_o$	44	0.0	-
	Calshot	cm_o	cz_o	48	1.2	-
	Tangmere	$cm_o cid_o m_o$	cme	46	0.1	-
	Lympne	$cr_o r_o cid_o c$	ecido	46	0.6	Tr
	Manston	$cd_o m_o bc$	$bc cm_o ido$	45	0.5	0.2
2	Shoeburyness	$cid_o m_o bc m_o$	$cido c$	48	0.7	0.1
	Felixstowe	$od_o d_o c i r_o c$	ccido	47	0.6	0.3
	Gorleston	$cp r_o z_o$	cr_o	47	0.0	0.0
	Mildenhall	cdd DD id_o	$cd_o do cm_o$	46	0.1	1
	West Raynham	$cd m_o c r m c$	$cido m cido m_o$	45	0.3	2
	Waddington	$bc cm_o$	$cm_o do ido$	45	0.1	0.5
3	Cranfield	$cm_o cid_o m_o$	cdodo...	46	0.0	0.7
	Honiley	cid_o	$cido m_o$	44	0.0	Tr
	Little Rissington	$cm_o id_o$	$cido m_o cx$	44	0.0	0.1
	Defford	cz_o	cz_o	46	0.0	-
3	Bristol	$cz_o cm_o cm$	cz_o	45	0.0	-
	Hartland Point	c	c	47	0.0	-
	Yeovilton	cm_o	cm_o		*	
	Portland Bill	oo	oo	47	*	-
	Exeter	c	c	46	0.0	-
	Plymouth	cz_o	cz_o	47	0.0	-
	St. Eval	c	c	47	0.0	-
	Lizard	c	c	47	0.0	-
	Guernsey	c	c	47	0.0	Tr
	Scilly, St. Marys	c	c	49	0.0	-
6	Fairwood	c	cm_o	45	0.0	-
	Pembroke	ccc	c	47	0.0	-
	Aberporth	c	c	46	0.0	-
7	Holyhead (Valley)	$om_o oc$	c	47	0.0	-
	Hawarden	cm_o	$cz_o mo$	46	0.0	-
8	Manchester	$cmcz_o$	$cz_o mmo$	46	0.0	-
	Squires Gate	$ccm_o z_o$	$z_o mo c$	47	0.1	-
	Carlisle	cm_o	c	45	*	-
9	Finningley	$cm_o do do$	$cdo do mo cm_o$	45	0.1	0.1
10	Spurn Head	cpr	$oq m_o$	46	0.4	2
	Leeming	cid_o	$cido m_o$	45	*	0.4
	Tynemouth	$ccid_o c$	cidoid	47	*	0.6
	Acklington	$cid_o m_o cm_o$	cm_o	47	0.0	1
11	St Abb's Head	$id_o cm_o$	oq	46	-	-
	Leuchars	cbcc	$cbc cm_o$	48	1.~~8~~ 8	*
	Bell Rock		oc	*	*	*
12	Renfrew	$cbc wem$	$cmbcm_o$	47	3.9	-
	Prestwick	$bcm cm_o$	$bcm_o bccm$	47	*	-
	Wigtown	c	c	46	*	-
	Eskdalemuir	$cm_o c$	cbc	45	1.0	-
	Point of Ayre	c	cb	48	0.0	-
	Tiree	c	c	48	0.0	-
	Benbecula	O	oco	47	*	-
13B	Stornoway	c	c	47	0.0	-
	Cape Wrath	c	c	49	*	-
15	Dalwhinnie		c	42	0.0	-
	Aberdeen	$bc pr_o c$	c	47	0.0	-
	Rattray	$cm ir$	cc	47	*	Tr
	Lossiemouth	c	c	46	0.0	-
	Wick	c	c	47	0.0	Tr
16	Hawston	c	c	48	0.0	-
	Lerwick	$cid_o c$	$cido c$	47	0.0	Tr
17	Blacksod Point †	c	c	46	0.0	-
18	Malin Head †	c	c	48	0.0	-
	Aldergrove	oc	c	46	0.0	-
	Cas Archdale	c	c	45	0.0	-
19	Birr Castle †	c	c	45	0.0	-
	Collinstown †	c	c	45	0.0	-
20	Rineanna †	c	o	45	0.0	-
	Valentia †	c	c	46	0.0	-
	Roches Point †	c	c	47	*	-

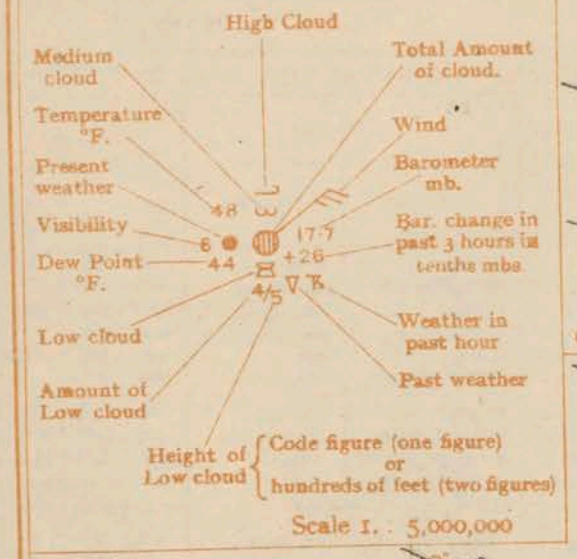
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud. ‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Thursday 18th December, 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	21h %
				°F.	°F.	°F.	mm.	mm.	Yesterday		To-day
Kew	cidomo	cmoido	cidomo	46	44	43	Tr	0·4	0·1	*	*
Croydon ...	cmoidom	cdodom	cdomo	45	43	42	Tr	0·2	0·0	84	86
Greenwich ...	cidomo	cidomo	crdomo	46	44	42	Tr	Tr	0·0	88	92
Westminster	*	*	*	48	44	43		Tr	*	80	91
Regent's Park	*	*	*	45	43	40	Tr	Tr	*	84	84
Camden Square	c	c	*	47	44	41	Tr	Tr	*	*	92
Kensington ...	cbcc	czc	*	46	41	41	Tr	Tr	*	84	91
Hampstead ...	od	od	od	44	41	37	Tr	Tr	*	*	96

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 18th. Max. 0·2 Time 14–20h. Min. 0·1 Time 0–6h. 18th

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

GENERAL INFERENCE

An anticyclone centred just northwest of Ireland is declining and moving slowly southwest. Weather will continue cloudy in most districts and there will be periods of rain or drizzle chiefly in the south and east. There is a possibility of fair periods in southeast districts this afternoon and tonight. There will be little change of temperature generally but it will be colder temporarily in the southeast this afternoon and tonight.

FURTHER OUTLOOK

Mainly cloudy: occasional slight rain or drizzle in many districts.

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 18th December

1947

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

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character intensity 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.

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

Thursday 18th December 1947

No. 31437

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours (2)	Wind. Direc. (3)	Wind. Force (4)	Weather (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility (8)	Cloud. Form. Low. (9a)	Cloud. Form. Med. (10a)	Cloud. Form. High. (11a)	Cloud. Amount. Total 0-8 (12a)	Cloud. Amount. Low. A. 0-8 (13)	Cloud. Amount. Low. B. 0-8 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16						45										
	Croydon	117	30.9	-8	NNW	4	dodo	45	41	6				8	5	8	11	15
	S. Farnborough	226	31.6	-10	N	4	c/d	44	40	6				8	8	-	15	15
	Boscombe Down	427	32.5	-10	NW	4	mo	43	37	6				8	8	-	35	-
	Calshot	8	32.5	-10	N	4	c	46	40	7				8	8	-	18	-
	Tangmere	53	30.8	-10	N	3	ido	45	44	6				8	8	-	22	-
	Lympne	341	28.6	-6	N	4	dodo	42	42	6				8	8	-	06	-
	Manston	140	28.7	-8	N	5	mo	43	43	6				8	8	-	10	-
2	Shoeburyness	11																
	Felixstowe	10	28.8	-10	NNE	5	b-bc	44	40	7				3	3	-	25	-
	Gorleston	3	28.5	-8	N	6	pro	45	41	6				7	7	-	15	-
	Mildenhall	15	30.7	-10	N	4	ido	45	43	7				8	8	-	10	-
	West Raynham	250	30.5	-8	NNW	5	c/d	43	42	7				8	8	-	05	-
	Waddington	335	32.7	-10	NNW	4	ido	43	42	5				8	4	8	14	25
3	Cranfield	350	31.8	-10	N	4	dodo	43	41	5				8	4	8	07	15
	Honiley	427	33.9	-10	NNW	4	c/d	43	41	6				8	5	8	11	25
4	Little Rissington	731	33.6	-10	N	4	ido	42	38	5				8	4	8	08	25
	Defford	58	34.5	-10	NNW	4	ido	45	39	6				8	8	-	24	-
5	Bristol	209	34.3	-14	NNW	3	zo	45	38	6				8	8	-	24	-
	Hartland Point	209	35.6	-10	NE	3	c	46	39	5				8	8	-	-	-
	Yeovilton	50																
	Portland Bill	32	32.9	-4	NNE	3	zo	46	36	6				8	8	-	10	-
	Exeter	100	35.1	-6	NNW	4	c	46	37	7				8	8	-	36	-
	Plymouth	86	36.0	-6	NW	1	zo	45	37	5				8	8	-	20	-
	St. Eval	345	36.9	-2	NNE	4	c	45	37	7				8	8	-	30	-
	Lizard	240	36.6	-8	NE	2	c	45	36	5				8	8	-	20	-
	Guernsey	340	33.2	-2	NNE	5	c	46	42	7				8	4	8	16	25
	Scilly, St. Marys	163	37.0	-4	NE	5	c	49	42	8				8	8	-	-	-
6	Pairwood	268	36.6	+10	N	3	c	44	38	7				8	8	-	43	-
	Pembroke	142	37.6	-10	NNE	8	c	45	43	7				6	6	0	30	-
	Aberporth	425	37.1	-14	NNE	4	c	45	40	7				7	4	7	21	40
7	Holyhead (Valley)	32	38.1	-14	NNW	3	bc	45	39	8				8	8	-	30	-
	Hawarden	15	37.2	-10	NNW	4	mo	45	39	6				8	8	-	36	-
8	Manchester	230	35.8	-8	NW	4	mo	44	39	6				8	8	-	25	40
	Squires Gate	33	37.9	-4	N	3	c	45	38	7				8	8	-	30	-
	Carlisle	100	38.2	-6	NW	1	mo	41	38	6				8	8	-	35	-
9																		
	Finningley	28	34.6	-6	N	4	mo	44	42	6				8	8	-	34	-
10	Spurn Head	29	32.0	-10	N	6	cq	46	45	6				8	8	-	-	-
	Leeming	105	35.4	-10	NNW	4	ido	44	39	6				8	8	-	33	-
	Tynemouth	108	35.9	-6	N	5	o	46	40	7				8	8	-	12	-
	Acklington	138	37.0	-2	NNW	4	zo	45	37	6				8	8	-	30	-
11	St. Abb's Head	280	36.5	0	NNW	6	cq	45	43	7				8	3	-	25	-
	Leuchars	31	38.3	-12	WNW	2	mo	35	34	6				8	3	-	30	-
	Bell Rock	---	36.9	-10	NW'N	4	c-bc	46	36	8				5	1	-	-	-
12	Renfrew	35	39.1	-6	-	0	mo	34	33	5				0	0	0	-	-
	Prestwick	30	38.8	-12	ENE	1	m	31	30	4				3	3	-	-	-
	Wigtown	10	39.8	-10	W	1	b-bc	30	29	8				3	3	-	40	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*				*	*	*	*	*
	Point of Ayre	30	38.6	-10	N	3	c	46	43	8				7	7	-	30	-
13A	Tiree	44	40.7	-14	N'W	3	c	48	39	8				8	5	8	25	40
	Benbecula	27	40.9	-19	NNW	1	o	46	42	8				8	8	-	35	-
13B	Stornoway	12	40.5	-10	WNW	2	c	45	43	7				8	8	-	30	-
	Cape Wrath	307	39.3	-12	NW	2	o	47	40	8				8	8	-	30	-
15	Dalwhinnie	1176																
	Aberdeen	79						45										
	Rattray	46	36.1	-10	NNW	5	bc	46	43	7				8	4	-	25	-
	Lossiemouth	21	39.4	-14	W	3	c	44	41	8				8	3	7	25	40
	Wick	114	38.1	-10	WNW	3	c	45	44	8				8	8	-	44	-
16	Hatston	45	37.8	-14	NW	4	c	47	44	7				8	8	-	35	-
	Lerwick	269	35.4	-12	NW	3	bc	45	42	8				8	4	-	35	-
17	Blacksod Point †	18	43.7	-6	NW	2	c	45	41	7				8	8	-	25	-
18	Malin Head †	84	*	*	*	*	*	*	*	*				*	*	*	*	*
	Aldergrove	294	41.0	-4	NW'N	2	c	45	40	7				8	8	-	28	-
	Cas. Archdale	225	42.0	-4	NNW	3	c	45	38	8				8	8	-	30	-
19	Birr Castle †	173	*	*	*	*	*	*	*	*				*	*	*	*	*
	Collinstown †	220	40.4	-10	NW	3	o	43	39	8				8	8	-	26	-
20	Rinnamna †	13	42.7	-6	NNW	2	o	43	41	7				8	8	-	26	-
	Valentia †	30	42.4	-6	NE'N	2	c	45	37	8				8	8	-	21	-
	Roches Point †	22	41.2	-6	N	3	c	45	41	8				8	8	-	25	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours (18)	Wind. Direc. (19)	Wind. Force (20)	Weather (21)	Temp. °F. (22)	Dew Point °F. (23)	Visibility (24)	Cloud. Form. Low. (25a)	Cloud. Form. Med. (26a)	Cloud. Form. High. (27a)	Cloud. Amount. Total 0-8 (28a)	Cloud. Amount. Low. A. 0-8 (29)	Cloud. Amount. Low. B. 0-8 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	9 h. State of Ground. ++ 0-9 (33)
1	Kew	28.4	-12	NNE	4	c/c	46	42	7				8	8	0	21	-	1
	Croydon	28.1	-18	N	5	mo	45	41	6				8	5	8	9	15	1
	S. Farnborough	29.1	-12	NNW	3	dodo	44	43	5				8	8	8	5	15	1
	Boscombe Down	30.0	-14	NW	4	c/d	42	39	6				8	4	8	15	15	1
	Calshot	29.8	-16	N	4	dodo	44	42	6				8	5	8	15	15	1
	Tangmere	28.1	-14	N	4	ido	45	43	6				8	8	0	17	-	1
	Lympne	26.4	-10	N'E	4	mo	42	40	6				8	8	0	13	-	1
	Manston	26.4	-10	N	4	mo	43	42	6				8	8	0	11	-	1
2	Shoeburyness	27.3	-10	N'E	3	mo	43	41	6				8	3	8	10	25	1
	Felixstowe	26.7	-6	NE'N	4	mo	43	39	6				8	3	8	12	25	1
	Gorleston	27.2	-4	N	4	o	44	41	7				8	8	0	20	-	1
	Mildenhall	28.4	-12	N	3	c	45	43	7				8	4	8	12	15	1
	West Raynham	28.3	-10	N	4	ido	43	42	6				8	5	8	5	8	1
	Waddington	30.9	-10	NNW	4	ido	43	42	5				8	8	8	7	-	1
3	Cranfield	29.4	-12	N	4	dd	42	41	5				8	8	8	4	-	1
	Honiley	31.4	-12	NNW	4	ido	43	38	7				8	3	8	17	15	1
4	Little Rissington	31.3	-14	NNW	4	ido	41	39	5				8	8	0	8	-	1
	Defford	32.2	-12	NNW	4	zo	45	37	6				8	8	0	29	-	0
5	Bristol	32.1	-14	N	4	zo	44	37	6				8	8	0	22	-	1
	Hartland Point	32.9	-16	NE	4	c	46	40	8				7	8	0	-	-	1
	Yeovilton	31.0	-14	NW	5	zo	45	38	6				8	8	0	-	-	0
	Portland Bill	29.7	-16	NNE	3	mo	46	39	6				8	8	0	10	-	0
	Exeter	32.6	-12	N	4	c	46	37	7				8	8	0	38	-	0
	Plymouth	33.2	-12	-	0	zo	46	38	6				8	8	0	30	-	0
	St. Eval	34.1	-16	NNE	5	c	46	39	8				8	8	0	32	-	1
	Lizard	35.0	-16	NNE	5	c	43	38	7				8	8	0	20	-	0
	Guernsey	31.3	-18	NNE	5	c	46	42	7				8	4	8	16	25	0
	Scilly, St. Marys	34.4	-14	NE	5	c	48	39	8				7	7	0	-	-	0
6	Pairwood	34.2	-14	N	2	c	43	37	7				7	4	7	20	40	0
	Pembroke	35.0	-16	NNE	5	c	46	44	7				7	7	0	25	-	0
	Aberporth	34.8	-14	NNE	4	c	45	39	7				8	8	0	29	-	1
7	Holyhead (Valley)	35.6	-14	N	3	mo	45	39	6				8	8	0	27	-	0
	Hawarden	34.9	-12	N	3	mo	44	39	7				8	8	0	36	-	0
8	Manchester	33.4	-12	NW	4	c	43	38	7				8	8	0	30	-	1
	Squires Gate	34.8	-14	NNW	3	c	44	39	7				8	8	0	36	-	0
	Carlisle	35.2	-12	NW	1	c	41	36	7				7	7	0	35	-	1
9																		
	Finningley	31.8	-12	N	4	ido	44	40	6				8	4	8	13	15	1
10	Spurn Head	29.8	-10	N	6	ro	45	45	8				8	8	0	40	-	1
	Leeming	32.7	-14	NW	4	mo	44	39	6				8	8	0	12	-	1
	Tynemouth	33.4	-12	N	4	o	45	41	7				8	8	0	12	-	1
	Acklington	34.2	-6	NNW	5	zo	45	38	6				5	5	0	35	-	1
11	St. Abb's Head	34.5	-12	NNW	4	cjf	44	38	6				8	8	0	20	-	0
	Leuchars	36.3	-10	WNW	2	mo	37	34	6				4	4	0	34	-	1
	Bell Rock	35.2	-8	NNW	4	o	46	36	8				8	8	0	40	-	*
12	Renfrew	37.7	-6	-	0	c-bc/p	30	30	4				5	5	0	-	-	3
	Prestwick	37.2	-6	ENE	1	mo	32	31	5				8	8	0	90	-	1
	Wigtown	37.4	+10	NW	1	c	31	30	8				8	3	8	30	40	1
	Eskdalemuir	35.5	-10	N'E	2	c	40	33	8				8	7	8	25	-	1
	Point of Ayre	36.2	-10	NE'N	3	c	44	41	8				7	7	0	30	-	0
13A	Tiree	38.8	-6	N	4	c	47	37	8				8	8	0	30	-	0
	Benbecula	39.3	-18	NNW	3	o	46	40	8				8	8	0	35	-	0
13B	Stornoway	37.8	-16	NW	3	c	45	43	7				8	8	0	30	-	1
	Cape Wrath	36.6	-2	NW	4	o	47	38	8				8	8	0	25	-	0
15	Dalwhinnie																	
	Aberdeen	35.3	-14	NW'N	3	c	45	41	7				8	8	0	40	-	1
	Rattray	34.0	-16	NNW	5	c/d	47	43	7				8	8	3	20	-	0
	Lossiemouth	37.2	-10	W	4	c	45	40	8				8	8	0	25	40	1
	Wick	36.0	-10	NW	3	c/d	45	41	8				8	8	0	31	-	1
16	Hatston	35.0	-16	WNW	4	c	46	41	7				8	8	0	35	-	1
	Lerwick	32.2	-20	WNW	5	do	45	45	7				8	5	8	12	25	1
17	Blacksod Point †	40.9	-14	NNW	3	c	45	41	7				8	8	-	25	-	0
18	Malin Head †	39.4	-4	N	3	c	49	41	7				8	8	-	25	-	1
	Aldergrove	38.2	-8	N'W	4	ir	46	41	7				8	8	-	25	-	1
	Cas. Archdale	39.5	-12	N'W	3	c	43	39	7				8	8	0	25	-	1
19	Birr Castle †	38.3	-12	ENE	1	c	43	39	8				8	8	0	25	-	1
	Collinstown †	37.7	-12	NW'W	4	do	44	40	8				8	8	0	21	-	1
20	Rinnamna †	40.7	-8	NNW	2	o	43	39	8				8	8	0	25	-	1
	Valentia †	40.0	-10	NE'N	3	o	45	37	8				8	8	0	24	-	1
	Roches Point †	38.6	-14	N	3	c	44	40	8				8	8	0	25	-	1

OBSERVATIONS Wednesday NIGHT

District	Stations	Weather. 18h.-00h. (39)	Weather. 00h.-06h. (40)	Temperature 21h.-09h. Min. °F. (41)	Temperature 21h.-09h. Min. on Grass °F. (42)	Rain 21h.-09h. mm. (43)
1	Kew	cidomo	crrrocmo	44	43	0.4
	Croydon	cdodomo	cdodomcm	43	42	0.2
	S. Farnborough	cmoido	cmfmoldo	43	41	1
	Boscombe Down	c2ocmo	cmoidocm	41	40	Tr
	Calshot	c2ocmoc	cmoidocm	43	43	Tr
	Tangmere	cmoido	cmoido	44	42	Tr
	Lympne	cmoccdodo	bcmoccmo	41	39	0.3
	Manston	cidobmo	cidomo	41	47	0.1
2	Shoeburyness		cidmo	43	38	0.2
	Felixstowe		bcmo	43	39	0.3
	Gorleston	cidobc	o	43	*	1
	Mildenhall	cidomcido	cidoc	43	41	1.4
	West Raynham	odododo	oidomo	43	41	1.3
	Waddington	cidomo	cidmo	42	42	*
3	Cranfield	cdodocmo	cdodocmo	42	*	3
	Honiley	cidomodo	cmoidomco	41	40	Tr
4	Little Rissington	cidomo	cidomomo	40	40	0.2
	Defford	czocido	cdoczo	44	42	Tr
5	Bristol	c2o	doczo	42	42	Tr
	Hartland Point	c	c	44	44	-
	Yeovilton		cmo	44	43	-
	Portland Bill	o	oo	42	*	-
	Exeter	cbcc	c	45	42	-
	Plymouth	c2o	czo	45	42	-
	St. Eval	cc	cbcc	44	43	-
	Lizard	cc	cc	42	*	-
	Guernsey	cc	cc	46	44	Tr
	Scilly, St. Marys	c	c	47	*	-
6	Pairwood	cmoc2oc	cbcc	43	40	-
	Pembroke	cc	cc	44	*	Tr
	Aberporth	cc	cc	45	41	-
7	Holyhead (Valley)	cbcc	cbcmo	42	35	-
	Hawarden	cmo	cmozomo	43	41	-
8	Manchester	c2ocmo	cmozoc	42	*	-
	Squires Gate	cmozoc	c	43	41	-
	Carlisle	ccmo	cmoc	40	38	-
9						
	Finningley	cmocidomcmcmcmre		43	41	0.5
10	Spurn Head	oomopr	oqmor	44	*	4
	Leeming	como	odomo	42	41	0.1
	Tynemouth	oido	o	45	44	-
	Acklington	cmo	cz.bczzo	43	42	-
11	St. Abb's Head	oq	o.j	42	*	Tr
	Leuchars	bcmo	bcmobmo	33	29	-
	Bell Rock	c	co	*	*	-
12	Renfrew	bcmobm	bfcm	28	19	Tr
	Prestwick	bcmwx	bmcmwx	29	25	-
	Wigtown	bcbx	bxcx	27	23	-
	Eskdalemuir	ccmobc	bcc	34	29	-
	Point of Ayre	bbcc	c	43	*	-
13A	Tiree	c	c	46	45	-
	Benbecula	oco	co	45	44	-
13B	Stornoway	c	co	44	42	-
	Cape Wrath	o	co	43	40	-
15	Dalwhinnie			38	37	-
	Aberdeen		c	44	40	Tr
	Rattray	cc	cmid.	42	*	-
	Lossiemouth	cc	cc	41	40	-
	Wick	c	oldo	43	41	Tr
16	Hatston	cbcc	c	45	43	Tr
	Lerwick	cbc	bccodo	43	40	0.5
17	Blacksod Point †	c	c	43	*	-
18	Malin Head †		c	47	*	-
	Aldergrove	c	cir	44	42	Tr
	Cas. Archdale	c	c	43	41	-
19	Birr Castle †			43	42	-
	Collinstown †	c	c	42	41	Tr
20	Rinnamna †			41	41	-
	Valentia †	c	c	43	39	-
	Roches Point †	c	c	43	*	-

* Information not usually received.

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

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

Friday 19th December 1947 — No. 31438.

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

Duration	Stations (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Temp °F.	Dew Point °F.	Visibility.	Cloud. Form. Low.	Form. Med.	Form. High.	Amount. Total.	Amount. Low. A.	Amount. Low. B.	Height of Base Hundreds of feet. A.	Height of Base Hundreds of feet. B.
	Kew	29.0	-2	NNE	4	rr	45	40	4	5	-	-	8	5	8	11	15
	Croydon	28.5	0	NNE	4	ldo	44	42	4	5	-	-	8	6	8	86	15
	S. Farnborough	28.8	-4	N	3	ldo	44	43	5	5	-	-	8	5	8	5	15
	Boscombe Down	29.6	-4	NNW	4	mld	43	40	5	5	-	-	8	5	8	8	25
	Calshot	29.1	-2	NE	5	mo	45	41	6	5	-	-	8	4	8	8	15
	Tangmere	28.0	0	NE	3	dodo	44	44	4	5	-	-	8	4	8	6	15
	Lympne	28.0	+10	NE'E	3	ldo	40	36	7	5	-	-	7	7	-	12	-
	Manston	28.3	+8	ENE	3	c	41	36	7	5	-	-	8	8	8	20	-
2	Shoeburyness	28.	+2	E'S	3	dd	42	41	6	-	2	-	8	8	-	18	-
	Felixstowe	28.1	-10	E	2	mo	43	41	6	5	-	-	8	4	8	12	25
	Gorleston	28.1	+4	NE	2	c	44	39	7	5	-	-	6	3	4	25	25
	Mildenhall	28.7	-2	NE	2	c	45	44	7	5	-	-	8	4	8	4	15
	West Raynham	28.6	0	NNE	4	ldo	44	44	6	5	-	-	8	5	8	3	8
	Waddington	30.7	-2	SE	4	cld	44	43	5	5	-	-	8	4	5	5	15
3	Cranfield	28.9	-6	NNE	3	cld	44	41	6	5	-	-	8	5	8	10	15
	Honiley	31.0	-6	N	3	mo	43	41	6	5	-	-	8	7	8	6	15
4	Little Rissington	30.5	-10	N	4	ddf	40	40	3	5	-	-	8	8	-	1	-
	Defford	31.7	-6	NNW	4	cld	45	38	6	5	-	-	7	6	7	15	40
5	Bristol	31.9	-3	N	4	Zo	45	38	6	5	-	-	8	5	8	18	25
	Hartland Point	32.4	-6	NNE	3	c	46	40	8	1	7	-	6	2	5	-	-
	Yeovilton	30.3	-4	N	4	mo	46	40	6	5	-	-	8	4	8	15	40
	Portland Bill	28.7	-10	NNE	4	Zo	46	39	6	5	-	-	8	8	-	10	-
	Exeter	31.8	-2	NW	4	c	47	38	8	5	-	-	7	3	5	18	50
	Plymouth	32.4	-10	N	3	c	46	37	7	5	7	-	6	5	6	20	-
	St. Eval	33.1	-10	NNE	5	c	46	35	8	5	-	-	8	3	8	18	40
	Lizard	32.6	-8	NE	1	c	45	38	7	5	-	-	8	8	-	20	-
	Guernsey	28.7	-6	NNE	6	c	47	43	7	8	-	-	8	5	8	10	25
	Scilly, St. Marys	33.4	-4	NE	5	c	49	40	8	8	-	-	8	8	-	16	-
6	Fairwood	33.0	-14	NNE	2	c	45	37	7	5	-	-	7	7	-	35	-
	Pembroke	34.7	-2	NE	4	c	46	42	7	5	-	-	7	7	-	30	-
	Aberporth	34.2	-2	NNE	4	dodo	45	39	8	5	-	-	7	5	7	29	40
7	Holyhead (Valley)	35.5	0	NNE	3	c	47	41	7	5	-	-	8	2	8	25	40
8	Hawarden	33.8	-4	N	4	mo	45	39	6	5	-	-	7	7	-	35	-
	Manchester	33.1	-6	NW	3	m	43	38	4	5	-	-	8	6	8	28	40
	Squires Gate	34.6	0	NNW	3	mo	45	40	6	5	-	-	8	8	-	30	-
	Carlisle	35.2	+2	NW	2	ldo	43	41	5	5	-	-	7	4	7	25	40
9	Finningley	31.4	-4	N	4	mo	46	40	6	5	-	-	8	3	4	12	25
10	Spurn Head	30.3	0	NIE	6	ir	45	45	6	8	-	-	8	8	-	-	-
	Leeming	32.3	-8	N	4	Zo	46	39	6	5	-	-	8	3	8	25	40
	Tynemouth	33.5	0	N	4	ldo	46	44	6	5	-	-	8	8	-	14	-
	Acklington	33.8	-2	NNW	5	mo	45	41	6	5	-	-	8	1	8	15	40
11	St. Abb's Head	34.1	-4	NNW	4	mo	44	44	6	5	-	-	8	8	-	20	-
	Leuchars	35.7	-2	WNW	2	mo	44	39	6	5	-	-	7	4	7	25	40
	Bell Rock	35.0	-2	NW	4	c	46	39	8	5	-	-	7	7	-	40	-
12	Renfrew	37.0	-4	WNW	1	m/f	41	38	4	5	-	-	7	7	-	35	-
	Prestwick	36.8	-4	E	1	mo	38	37	4	5	-	-	8	4	8	25	40
	Wigtown	37.2	0	NW	2	c	42	38	8	5	-	-	7	7	-	40	-
	Eskdalemuir	35.4	-2	NW	3	pr	43	33	7	5	-	-	7	7	-	23	-
	Point of Ayre	36.3	+2	NIE	4	c	47	40	8	5	-	-	7	7	-	30	-
13A	Tiree	38.0	-6	NNW	2	ir	46	42	7	5	-	-	8	2	8	30	40
13B	Benbecula	37.1	-8	WNW	3	c	46	39	8	5	2	-	8	5	8	25	-
	Stornoway	36.2	-10	WSW	2	c	46	41	7	5	-	-	8	8	-	30	-
15	Cape Wrath	34.5	-8	W	4	c	47	40	8	5	2	-	8	5	7	20	-
	Dalwhinnie																
	Aberdeen	34.5	-6	NW'W	3	c/d	45	40	6	5	-	9	7	2	7	30	40
	Rattray	34.3	+2	NW	4	c	46	44	7	8	-	-	6	6	-	25	-
	Lossiemouth	35.7	-8	NW	3	c	45	42	7	5	-	-	8	4	6	20	40
	Wick	34.0	-14	NW	4	c/d	46	44	7	5	-	-	8	4	8	15	40
16	Hataton	33.1	-14	WNW	4	c/d	46	45	7	5	-	-	8	4	8	12	25
17	Lerwick	29.8	-8	W'N	5	c/r	46	44	7	6	2	-	8	5	8	7	-
18	Blacksod Point †	40.3	-6	NW	1	c	46	42	7	5	-	-	8	8	-	25	-
	Malin Head †	38.7	-4	N	3	c	47	40	8	5	-	-	8	8	-	25	-
	Aldergrove	38.0	0	NNW	1	c	45	40	8	5	-	-	8	8	-	29	-
	Cas Archdale	39.1	+2	N	4	c	46	39	8	5	-	-	8	8	-	35	-
19	Birr Castle … †	37.6	-8	NE	1	c	45	41	8	5	-	-	8	8	-	25	-
	Collinstown †	37.4	0	NNW	3	c	45	38	8	5	-	-	6	6	-	45	-
20	Rineanna †	39.8	-4	NW'N	2	c	44	40	7	5	-	-	8	8	-	26	-
	Valentia †	39.8	-2	NE'N	3	c	45	38	8	5	-	-	8	8	-	26	-
	Roches Point †	37.6	-10	N	4	c	45	41	8	5	-	-	6	6	-	25	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

Stations	Barom. at M.S.L. mb.	Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Temp. °F.	Dew Point. °F.	Visibility.	Cloud. Form. Low.	Form. Med.	Form. High.	Amount. Total.	Amount. Low. A.	Amount. Low. B.	Height of Base Hundreds of feet. A.	Height of Base Hundreds of feet. B.	State of Ground. +
Kew	29.7	+10	SE'E	2	ro/o	42	41	3	6	2	-	8	5	8	5	15	1
Croydon	29.8	+12	ENE	2	dodo	40	38	4	5	-	-	8	8	-	5	-	1
S. Farnborough	29.7	+10	NE	2	ro/o	44	43	4	5	-	-	8	5	8	5	8	1
Boscombe Down	30.0	+8	NNW	4	do do	42	41	5	5	-	-	8	5	8	10	15	1
Calshot	29.4	+6	NNE	3	dd	44	44	5	5	-	-	8	5	4	5	15	1
Tangmere	28.0	+16	-	0	cld	41	41	6	5	-	-	8	5	8	10	15	1
Lympne	29.3	+10	NNE	2	b/b/d	35	32	7	5	-	-	3	3	-	30	-	1
Manston	29.4	+6	NNE	1	bc/r	39	36	7	5	-	-	4	4	4	20	40	1
Shoeburyness	29.5	+10	-	0	dodo	41	36	6	5	-	-	7	7	-	20	-	1
Felixstowe	29.0	+6	NNE	2	c	41	38	7	5	-	-	8	3	8	25	40	1
Gorleston	29.1	+8	-	0	mo	43	39	7	5	-	-	7	7	-	20	-	1
Mildenhall	29.4	+6	-	0	cld	42	42	6	5	-	-	8	5	8	4	15	1
West Raynham	29.1	+6	NNE	2	dodo	43	43	6	5	-	-	8	4	8	2	1	1
Waddington	30.8	+4	N	4	cldo	43	42	6	5	-	-	8	8	-	13	-	1
Cranfield	29.6	+10	NNE	3	cdo	43	42	6	5	-	-	8	5	8	6	8	1
Honiley	31.2	+8	N	4	cldo	43	41	6	5	-	-	8	5	8	8	15	1
Little Rissington	31.0	+10	N	5	ro/o	41	40	4	5	-	-	8	6	8	3	8	1
Defford	31.9	+10	N	4	mo	44	39	5	5	-	-	8	8	-	21	-	0
Bristol	31.6	+6	N	4	mo	44	38	5	5	-	-	8	4	8	12	15	1
Hartland Point	32.0	+6	NNE	4	c	47	40	8	5	-	-	7	7	-	-	-	1
Yeovilton	30.4	+4	NIE	5	mo	45	40	5	5	-	-	8	4	8	6	15	
Portland Bill	28.5	+2	NNE	4	mo	45	40	6	5	-	-	5	5	-	10	-	0
Exeter	31.5	+4	NNE	4	zo	46	36	6	5	-	-	8	3	8	20	40	0
Plymouth	31.2	0	NNW	3	mo	45	39	6	5	3	-	8	3	8	30	-	0
St. Eval	32.7	+6	NNE	5	c	46	41	7	5	-	-	8	3	8	16	40	1
Lizard	31.5	0	NNE	3	c	45	38	7	5	-	-	7	7	-	18	-	1
Guernsey	28.6	+8	NE'N	4	ro/o	46	44	6	8	-	-	8	-	4	6	8	1
Scilly, St. Marys	32.2	-2	NE	6	c	49	40	8	5	-	-	6	6	-	-	-	0
Fairwood	33.3	+8	NNE	2	mo	43	38	6	5	-	-	8	8	-	40	-	0
Pembroke	33.8	+6	NE	2	c	46	44	7	5	-	-	8	5	8	30	-	0
Aberporth	33.8	+6	NNE	3	c	45	41	8	5	7	-	7	5	4	20	40	1
Holyhead (Valley)	35.4	+6	NNE	3	c	46	36	7	6	-	-	8	7	-	37	-	0
Hawarden	34.1	+6	N	3	mo	44	39	7	5	-	-	8	8	-	40	-	0
Manchester	33.2	+6	NW	3	mo	43	39	6	5	-	-	8	8	-	23	-	1
Squires Gate	34.5	+6	N	3	zo	45	38	6	5	-	-	8	5	-	35	-	0
Carlisle	34.2	-2	NW	1	c/bc/d	40	37	5	5	4	-	5	4	4	25	-	1
Finningley	31.9	-6	N	3	c/r	43	41	5	5	-	-	8	4	8	17	25	1
Spurn Head	30.0	+2	N	6	c	45	45	7	5	-	-	8	8	-	15	-	1
Leeming	32.8	+6	NNW	3	c/d	43	39	6	5	-	-	7	5	7	15	-	1
Tynemouth	32.7	0	N	3	mo	44	39	6	5	-	-	7	7	-	14	-	1
Acklington	33.0	-2	NNW	4	mo	43	39	6	5	-	-	6	3	6	20	40	1
St. Abb's Head	32.8	-6	NNW	2	mo	44	39	6	5	-	-	8	8	-	20	-	0
Leuchars	33.8	-10	W	2	c	44	37	7	5	-	-	8	8	-	46	-	0
Bell Rock	33.9	-4	NW	3	c	46	39	8	5	-	2	-	7	7	-	40	-
Renfrew	35.5	-2	W	1	mo	43	40	5	5	-	-	8	8	-	35	-	0
Prestwick	35.5	0	NW	2	m	42	38	4	5	-	-	8	8	-	30	-	1
Wigtown	35.9	-2	NW	2	c	42	40	8	5	-	-	6	5	-	35	-	1
Eskdalemuir	34.4	0	NW'N	2	zo	42	34	6	5	-	-	8	8	-	22	-	1
Point of Ayre	35.5	+2	N	4	zo c	47	40	5	5	-	-	8	8	-	30	-	0
Tiree	36.3	-2	NW	2	cro	47	41	7	5	-	-	8	4	8	20	25	1
Benbecula	34.6	-12	WNW	3	o	48	41	8	5	-	-	8	8	-	25	-	0
Stornoway	33.8	-8	WSW	3	c	47	40	7	5	-	-	8	8	-	20	-	1
Cape Wrath	31.5	-8	NW	6	c	47	43	7	5	-	-	8	8	-	20	-	1
Dalwhinnie	34.0	0	NW	1	c	41	34	7	5	-	-	8	8	-	10	-	0
Aberdeen	32.9	-6	NW'W	3	mo	45	40	6	5	-	-	7	2	7	25	40	1
Rattray	31.8	-4	NW	4	c	45	42	7	8	-	-	8	8	-	25	-	1
Lossiemouth	33.6	-8	W	3	c	45	41	7	5	-	-	8	8	4	20	40	1
Wick	32.0	-6	NW	3	c/d	45	43	7	5	-	-	8	8	-	31	-	1
Hataton	30.8	-10	W	3	b/d	45	44	7	5	-	-	4	4	-	25	-	1
Lerwick	26.8	-14	W'N	6	rr	44	43	7	5	-	-	8	4	8	8	25	1
Blacksod Point †	38.9	-6	NW	2	c	47	40	8	5	-	-	8	8	-	25	-	0
Malin Head †	37.1	-6	N	3	c	48	40	8	5	-	-	8	8	-	25	-	0
Aldergrove	37.2	-2	WNW	1	c/d	43	41	6	5	-	-	8	8	-	30	-	1
Cas Archdale	37.8	-6	N'W	2	c	43	41	7	5	-	-	8	3	8	10	25	1
Birr Castle … †	37.7	+2	NE	1	c	44	40	7	5	-	-	8	8	-	25	-	1
Collinstown †	37.1	+6	NNW	3	c	44	40	7	5	-	-	8	8	-	40	-	1
Rineanna †	35.0	-4	NW'N	2	cdo	43	41	6	5	-	-	8	8	-	27	-	1
Valentia †	38.9	+2	NE	3	o	46	39	8	5	-	-	8	8	-	28	-	0
Roches Point †	37.2	+6	N	4	bc	45	41	8	5	-	-	4	4	-	25	-	1

OBSERVATIONS during DAY (18th)

Stations	Weather. 06h.–12h.	Weather. 12h.–18h.	Max. Temp. 09h.–21h. °F.	Sunshine Hrs.	Rain 09h.–21h. mm.
Kew	dodmoorm	cmrddof	42	0.0	4
Croydon	cmodom	cdodoim	46	0.0	1
Shoeburyness	cmodododcldc	cmodododcmrdro	45	0.0	3
Boscombe Down	cmoidoicmo	cmodododo	43	0.0	0.3
Calshot	cdodocmo	cmododo	*	0.0	4
Tangmere	cfdrdmo, cdodo	cmodcldcmocmo	46	0.0	5
Lympne	cdodomocido	ccdodrdb	42	0.2	1
Manston	rodomoc	cdrdbc	42	0.1	0.3
Shoeburyness	cmoerrddmo	c2ocmodcdb	43	0.0	0.6
Felixstowe	cmocirocmo	cmoccroc	44	0.0	Tr 0.4
Gorleston	c	cc2o	44	0.1	1
Mildenhall	cdodo	clodoc	45	0.0	2
West Raynham	cidorodoidomo	cmododd	44	0.0	6
Waddington	cdodomocmo	cdcdcrdromo	44	0.0	3
Cranfield	cddmo	cdcdomo	44	0.0	3
Honiley	cdodomo	cmoidcdro	46	0.0	Tr
Little Rissington	cdodomdd	cdodcmcrromm	42	0.0	2
Defford	cidozozo	c2ocdroczo	46	0.0	Tr
Bristol	czo	c2o'o-c	46	0.2	Tr
Hartland Point	c	bcc	47	0.0	-
Yeovilton	cmo	cmcmo		*	
Portland Bill	cozo	ocmo	47	*	-
Exeter	cifc	cjf	48	0.0	-
Plymouth	czo	cc2o	47	0.3	-
St. Eval	c	c	46	0.0	Tr
Lizard	c	c	46	0.0	-
Guernsey	cdoc	drdromo	47	0.0	1
Scilly, St. Marys	cifo	c	49	0.0	Tr
Fairwood	c	cc2ocmobcmo	46	0.0	-
Pembroke	c	c	47	0.0	-
Aberporth	c	c	46	0.0	-
Holyhead (Valley)	c	c2ocmoczo	47	0.0	-
Hawarden	cmo	crrcldoczcm	47	0.0	-
Manchester	czoidocm	czomo	45	0.0	Tr
Squires Gate	c.cmo, zo.mo	cmozo	47	0.0	-
Carlisle	comoido	cmocdomo	44	*	Tr
Finningley	cidorodododo	cmoidorororomo	46	0.0	1
Spurn Head	omorr	qrrmoodomo	45	0.0	3
Leeming	cmo	bcmocrdo	46	*	0.2
Tynemouth	omoid	cmo	47	*	2
Acklington	cmo	cmo	46	0.0	Tr
St. Abb's Head	omoidmo	omorobomo	48	*	Tr
Leuchars	bcmoidocmo	cmo	46	0.0	-
Bell Rock	bdc	c	*	*	*
Renfrew	cffm	cmcmo	44	0.0	-
Prestwick	cmoxm	cm	45	*	-
Wigtown	c	c	43	*	Tr
Eskdalemuir	ccpro	cprocmo	43	0.1	Tr
Point of Ayre	c	c	47	0.0	-
Tiree	ccic	cro	48	0.0	Tr
Benbecula	odododc	co	49	*	Tr
Stornoway	c	c	48	0.0	-
Cape Wrath	o	o	50	*	Tr
Dalwhinnie			47	0.0	-
Aberdeen	cidocmo	crdocmo	46	0.0	Tr
Rattray	cc	c	50	*	-
Lossiemouth	c	crdoc	46	0.0	-
Wick	cidoc	crdo	46	0.0	0.1
Hataton	cidoc	crclobc	48	0.0	0.3
Lerwick	cdodoidmo	crrdocr	47	0.0	1
Blacksod Point †	c	c	47	*	-
Malin Head †	c	c	49	0.0	-
Aldergrove	c	cmocrdo	46	0.0	Tr
Cas Archdale	c	crdoc	45	0.0	Tr
Birr Castle … †	c	c	45	0.0	-
Collinstown †	c	c	46	0.4	Tr
Rineanna †	c	crdomo	44	0.0	Tr
Valentia †	c	c	46	0.0	-
Roches Point †	c	cbc	47	*	-

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

0 = Nil; x = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

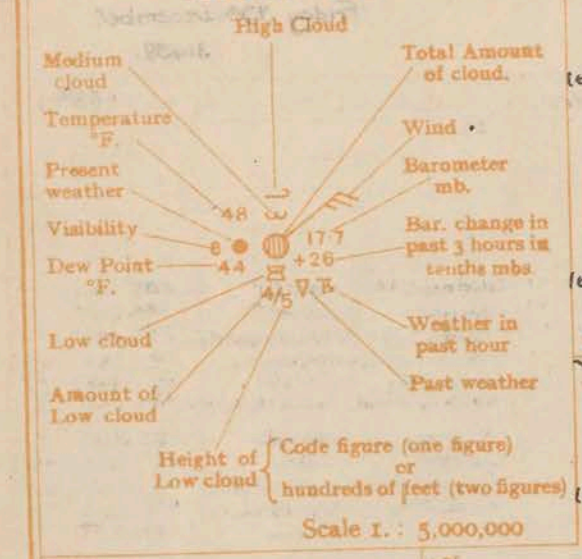
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



6h Friday 19th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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 % Today
Kew ...	d d m r r m	c m r d d f	c r d d f	45	45	41	4	2	0·0	*	*
Croydon ...	c m d d m	c d d d m	c d m r f	46	40	39	1	1	0·0	91	83
Greenwich ...	c d m m	d r r m	c r r m r m	45	40	38	0·8	1·3	0·0	96	78
Westminster	*	*	*	46	42	41	1·7		*	84	77
Regents Park	*	*	*	45	42	40	0·2	2·1		91	83
Camden Square	c	o	*	48	42	40	2·3	1·8	*	*	85
Kensington ...	c	c	*	45	42	40	3·1	2·5	*	88	84
Hampstead ...	o	o r m	o	43	40	37	3·3	3·5		*	83

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·4 Time 7.00 pm Min. <0·1 Time 1/3 hrs 13 mm.

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

GENERAL INFERENCE

An anticyclone to the southwest of the British Isles is almost stationary. It will continue mainly cloudy in most districts with local slight rain or drizzle, but in north eastern Scotland there will be periods of mainly slight rain or drizzle. This drizzle or rain is expected to spread slowly from the north to most eastern districts of the country probably reaching southeast England tomorrow morning. There will be little change of temperature generally.

FURTHER OUTLOOK

Cloudy with some occasional rain or drizzle in eastern districts.

Chart of Weather in the Northern Hemisphere.

Morning of

Friday 19th December

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character- istics 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.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 19th December 1947

No 31938

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total (12)	Cloud. Amount. Low. A. (13)	Cloud. Amount. Low. B. (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	18						43										
	Croydon	217	30·8	+2	–	0	dr	40	39	4							02	–
	S. Farnborough	226	30·9	+4	NNW	3	r,r	44	43	6							08	25
	Boscombe Down	417	31·4	+4	NNW	3	m	43	41	5							12	15
	Calshot	8	31·3	+2	N	2	m	44	40	6							11	–
	Langmere	53	30·5	+6	–	0	df	41	41	3							25	–
	Lympne	341	30·1	+2	NNW	1	c-b/d	36	34	8							30	–
	Manston	140	30·1	+2	W'S	1	ir	39	39	6							20	25
2	Shoeburyness	11																
	Felixstowe	10	29·2	-2	WNW	2	id	42	40	7							04	–
	Gorleston	5	29·1	-4	NW	2	id	42	41	5							15	–
	Mildenhall	15	30·0	+2	NW'N	2	m	44	43	6							07	40
	West Raynham	250	29·7	+2	NW	3	id	43	42	6							05	–
	Waddington	235	31·0	-2	NNW	4	id	41	41	9							05	15
3	Cranfield	340	30·9	+6	N	3	m	43	40	6							12	57
	Honley	427	32·3	+6	N	3	m	42	39	6							20	40
4	Little Rissington	731	32·2	+4	N	4	m	41	38	5							10	–
	Defford	58	32·9	+6	NNW	3	m	43	38	5							40	–
5	Bristol	209	32·6	+6	N	1	m	43	38	5							18	40
	Hartland Point	299	33·4	+6	NNE	3	c	46	41	8							–	–
	Yeovilton	30																
	Portland Bill	32	30·5	+8	NNE	4	m	45	40	6							10	–
	Exeter	100	33·2	+8	NNE	3	b-bc/d	42	40	6							35	–
	Plymouth	86	32·9	+2	NNE	2	c	44	37	6							18	–
	St. Eval	345	33·9	+9	NNE	4	c	45	40	7							50	–
	Lizard	240	32·8	+6	NE	3	c	45	38	7							15	–
	Guernsey	340	30·8	+6	NNE	3	c/d	44	42	6							03	15
	Scilly, St. Marys	163	33·7	+8	NE	5	c	49	41	8							–	–
6	Fairwood	268	34·5	+6	N	1	c	42	37	7							30	–
	Pembroke	142	35·0	0	NE'N	4	c	46	42	7							30	–
	Aberporth	425	34·6	+2	N'E	4	c	45	40	7							34	–
7	Holyhead (Valley)	32	35·4	-2	N	3	c	46	38	7							35	–
	Hawarden	15	34·1	0	NW	2	m	43	41	5							41	–
8	Manchester	230	33·4	+2	NW'W	1	m	40	38	5							25	–
	Squires Gate	33	34·1	0	NNW	3	c	44	39	7							40	–
	Carlisle	100	32·9	-8	NW	1	m	41	38	5							35	–
9	Finningley	28	32·0	-2	NW	4	r,r	43	40	6							32	–
10	Spurn Head	29	30·2	+2	N	5	dd	44	44	6							–	–
	Leeming	105	32·2	-6	NNW	3	m	42	38	6							–	–
	Tynemouth	108	32·0	-6	NW	3	o	44	36	7							14	–
	Acklington	138	32·2	-4	WNW	3	c/r	43	36	6							30	–
11	St. Abb's Head	280	31·5	-6	NNW	3	c/f	44	39	6							20	–
	Leuchars	31	32·1	-12	W	3	b	41	36	7							–	–
	Bell Rock	–	31·6	-12	W'N	4	c	45	39	8							–	–
12	Renfrew	35	34·0	-8	WSW	1	m	44	41	6							40	–
	Prestwick	30	34·0	-8	WNW	2	c/d	44	42	7							22	40
	Wigtown	19	35·9	+2	NW	1	o	41	40	8							30	–
	Eskdalemuir	794																
	Point of Ayre	30	34·8	-6	NW'N	3	c/d	45	44	8							25	–
13A	Tiree	44	34·9	-6	W'N	3	ir	49	43	7							20	–
	Benbecula	27	33·5	-6	WNW	3	o	49	45	8							25	–
13B	Stornoway	12	30·9	-18	WSW	5	c	49	42	7							20	–
	Cape Wrath	367	29·1	-10	WNW	6	pr	48	46	8							20	–
15	Dalwhinnie	1176																
	Aberdeen	79	28·4	-18	NW	4	c	46	40	7							25	–
	Rattray	46	30·8	-16	WSW	4	c	45	41	7							18	25
	Lossiemouth	21	28·1	-22	WNW	5	c	46	43	7							44	–
	Wick	114																
16	Hatston	45	26·8	-16	W'N	6	bc	49	45	7							30	–
	Lerwick	269	22·8	-16	W	6	rr	47	47	7							28	–
17	Blacksod Point †	18	39·6	+6	NW'W	1	c	48	44	7							25	–
18	Malin Head †	84																
	Aldergrove	264	36·8	-2	W	1	m	43	41	6							32	–
	Cas. Archdale	225	37·6	-2	W	3	c	43	41	7							25	–
19	Birr Castle … †	173																
	Collinstown †	220	37·1	-2	NW'W	3	id	43	39	8							31	–
20	Rineanna … †	13	39·6	+4	WNW	2	id	44	42	6							31	–
	Valentia … †	30	39·5	+6	NNE	2	o	46	39	8							25	–
	Roches Point †	22	38·8	+8	N	3	c	45	41	8							15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total (28)	Cloud. Amount. Low. A. (29)	Cloud. Amount. Low. B. (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. (33)	9 h.
30·3	-6	NNW	3	m	44	39	6										
30·2	-2	NW	3	r,r	43	41	5										
30·9	-2	NW'N	3	c/d	43	41	5										
31·6	0	NW'W	3	m	41	39	5										
32·6	+2	N	3	m	44	39	6										
30·1	-2	N	3	d	43	43	4										
28·6	-10	NW'W	2	r,r	40	39	4										
28·5	-10	NW'N	3	m	42	42	6										
28·8	-10	NNW	3	m	38	37	5										
27·5	-8	N'W	2	m	44	43	6										
26·9	-10	NW	4	dr	45	44	6										
29·0	-6	NW	3	c/d	42	41	6										
28·4	-4	NW	4	c/d	42	40	6										
30·6	-2	NW	3	m	41	38	4										
30·3	-4	NW'N	2	c/d	42	38	6										
32·0	0	NNW	3	m	40	37	6										
31·9	-4	NNW	3	id	40	36	6										
32·6	-2	NW	2	m	43	37	5										
32·7	0	NNW	2	m	42	37	6										
33·5	0	NNE	2	bc	46	39	8										
32·3	-4	N	2	m	43	39	6										
31·2	+6	NNE	4	z	44	37	6										
34·0	+2	NW	2	m	42	37	6										
34·4	+14	NNE	2	m	43	38	6										
34·7	+2	NNE	3	c	46	39	7										
34·1	+8	NE'N	3	c-bc	45	38	7										
31·7	+2	N'E	4	m	45	43	6										
34·9	+6	NE	4	c	49	40	8										
33·9	-2	–	0	bc	41	37	7										
35·1	0	NE'N	3	d	44	44	7										
34·5	-2	N'E	3	ir	43	41	7										
34·5	-6	NW	3	id	47	42	7										
32·8	-8	NNW	3	m	45	41	5										
32·0	-8	WNW	2	m	41	37	5										
32·5	-10	WNW	2	c	45	42	7										
30·7	-18	W	2	m	42	40	5										
30·8	-6	NW	2	m	41	35	6										
29·0	-14	NW	4	m	42	40	6										
30·7	-8	W'N	2	m	41	36	6										
29·9	-14	WNW	3	o	43	35	7										
29·6	-16	W	2	z	43	36	6										
28·2	-10	NW	5	c/f	47	43	6										
29·6	-6	W	3	c/f	39	35	6										
28·2	-22	W'N	4	c	46	39	8										
30·7	-16	WSW	3	c	48	42	7										
31·5	-14	W	4	c	43	43	7										
33·0	-12	WNW	4	c	45	43	8										
30·4	-10	NNW	3	c	45	36	7										
32·6	-12	NW'N	4	o	48	44	8										
33·3	-6	WNW	4	c	50	45	7										
31·9	-4	WNW	3	o	49	45	8										
29·4	-6	W	5	c	50	45	7										
26·9	-6	NW	6	o	49	47	8										
27·1	-16	NW'W	4	c	43	40	7										
24·9	-12	NW	5	c	48	43	7										
28·6	-8	WSW	6	c	48	44	7										
26·1	-6	W	8	c/d	49	47	6										
24·8	-10	WNW	5	d	49	48	5										
21·2	+2	NW'W	6	id	47	45	6										
38·4	-2	WNW	4	c/d	49	47	7										
34·9	-12	NW	4	c	50	46	7										
35·0	-16	W	2	c/d	44	42	7										
36·5	-6	W	3	c	44	43	7										
37·1	+2	NW	1	c	44	40	7										
38·1	-6	W'N	3	c	43	41	8										
38·9	-2	W'N	2	c	44	40	7										
39·4	0	–	0	c	45	41	8										
38·4	-4	N	3	c	44	42	8										

OBSERVATIONS Thursday NIGHT

Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain mm. (43)
cr,d,fr,	r,r,r,cm,	41	41	2
cd,d,m,od,d,m,od,r,r,m	od,d,m,od,r,r,m	40	39	1
cm,cm,d,d,cm,d,d,d,	cm,d,d,d,	42	40	–
cm,d,cm,cm,	cm,	38	35	–
cm,id,	cm,	42	41	1
cm,d,d,f	cd,d,	39	38	–
bc,c,id,c	c,id,r,r,m	35	33	0·5
bc,c,m,ir,	cm,ir,c,m,	38	31	2
cm,d,	cm,	40	36	0·2
c,c,id,	cr,d,c,l,m,	40	38	2
c,id,m,	oir,d,z	41	*	2
c,d,d,m,cm,	c,id,c,r,r,c	41	38	1
c,d,d,id,m,	c,r,r,d,d,fm	41	38	4
c,id,m	c,id,m,c,m,	39	37	0·4
c,id,m,	cm,d,d,m,	39	*	1
c,id,m,	c,id,c,b,b	39	37	Tr
c,d,d,m,cm,m,	cm,id,	39	38	0·4
cm,c,l,r,cm,	cm,	37	36	–
c	bc	44	43	–
	c,b,c,b,m,	40	38	–
cm,	Dz,	42	*	–
c,c,id,m,b,m,	c,b,c,m,	39	32	Tr
b,c,z,c,z,	c,z,m,	41	32	–
cr,c	ce	44	42	Tr
c	c	41	*	–
cr,c,m,	c,r,r,c,m,	41	40	1
p,c	c	46	*	0·4
b,c,m,c	c,b,b,c	38	32	–
b,c,c	c,d,d,	43	*	0·1
c	eye,l,r,	42	29	0·2
c	c,c,id,d,d,c	43	41	1
	c,m,z,	40	39	–
c	c,id,c	43	41	1
	c,c	42	42	–
cid,	c	41	40	–
c,id,m,	c	41	42	–
c,c	c,c	44	*	0·2
c,m,r,c,m,	cm,c,z,	42	41	0·1
o,m,	o,j,j,v,j,j	43	*	–
c	b,c	38	37	–
c	c	*	*	–
cm,	cm,	41	36	–
m,id,m,c	c,c,id,c	43	40	–
c,c,id,c	c	41	40	–
c,m,c	c	38	37	–
c,id,c	o	44	*	–
cir,	c,l,r,c	45	45	0·1
o	o	48	*	–
c,c,id,	c	47	45	–
c,p,r,	c	49	40	–
		39	38	–
c,w,c	c	46	43	–
c	e,c	43	*	–
c	c,b,c	42	42	–
c,id,c	c,b,c,c,i,m,	43	42	0·3
id,pr,c,b,c	b,c,c,d,d,m,	47	46	3
c,r,c,r,r	c,r,r,m,id,m,	45	42	1
c	c,d,c,c	46	*	Tr
	c	47	*	0·1
c,id,c	c,m,c,id,c	42	40	Tr
c	c,i,d,c	43	41	–
	c	42	41	–
c	c	42	40	Tr
	c	41	39	–
c,id,	c	44	42	Tr
c,id,m,	c	44	*	0·2
c,c	c,c	44	*	

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 20th December 1947

No. 31439

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

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

OBSERVATIONS during DAY (19th)

District	Stations (For heights see p. 4.)	12h. Baromr. at M.S.L. mb. (1)	12h. Change in 3 hours. (2)	12h. Wind. Direc. (3)	12h. Wind. Force. (4)	12h. Weather. (5)	12h. Temp °F. (6)	12h. Dew Point °F. (7)	12h. Visibility. (8)	12h. Cloud. Form. Low. (9)	12h. Cloud. Form. Med. (10)	12h. Cloud. Form. High. (11)	12h. Cloud. Amount. Total. 0–9 (12)	12h. Cloud. Amount. Low. A. 0–9 (13)	12h. Cloud. Amount. Low. B. 0–9 (14)	12h. Height of Base Hundreds of feet. A. (15)	12h. Height of Base Hundreds of feet. B. (16)	18h. Baromr. at M.S.L. mb. (17)	18h. Change in 3 hours. (18)	18h. Wind. Direc. (19)	18h. Wind. Force. (20)	18h. Weather. (21)	18h. Temp °F. (22)	18h. Dew Point °F. (23)	18h. Visibility. (24)	18h. Cloud. Form. Low. (25)	18h. Cloud. Form. Med. (26)	18h. Cloud. Form. High. (27)	18h. Cloud. Amount. Total. 0–9 (28)	18h. Cloud. Amount. Low. A. 0–9 (29)	18h. Cloud. Amount. Low. B. 0–9 (30)	18h. Height of Base Hundreds of feet. A. (31)	18h. Height of Base Hundreds of feet. B. (32)	State of Ground ‡‡ 0–9 (33)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	30.7	-2	NNW	3	2o	44	35	5	5	7	-	7	5	7	38	-	27.6	-2	NNW	3	mo	47	41	5	-	2	-	8	8	-	-	-	1	cmo	cmo	48	0.1	Tr
	Croydon	29.7	-10	WNW	3	m	43	36	4	5	-	-	7	4	4	40	-	27.5	-4	WNW	4	m/f	46	41	4	5	-	-	8	8	-	24	-	1	cdodoc3	czfm	47	0.0	-
	S. Farnborough	30.5	-10	WNW	2	mo	43	38	5	5	-	-	8	4	8	20	40	28.2	-2	NW|W	3	mo	46	42	6	5	7	-	7	3	7	17	-	1	cmobccmo	cmo	48	0.4	Tr
	Boscombe Down	30.8	-14	W	3	mo	43	37	6	5	-	-	8	5	8	18	25	28.8	-4	~~NNE~~ NW	4	mo	46	41	6	5	-	-	8	5	7	20	40	1	cmoccmo	cmoidocmo	47	0.0	Tr
	Calshot	31.8	-2	WNW	3	2o	44	37	6	5	-	-	7	7	-	3	-	28.9	-2	NW	5	c	49	41	7	5	-	-	7	7	-	15	-	1	cmo	cmoc	*	0.7	-
	Tangmere	30.3	-12	N	3	mo	45	41	6	5	3	-	5	4	5	15	-	27.6	-6	NW	5	mo	46	44	6	5	-	-	6	6	-	30	-	1	ebccmo	cmo	47	1.2	Tr
	Lympne	28.1	-12	NNW	4	mo	43	39	6	5	7	-	7	4	7	30	-	25.4	-6	NW	4	dodo	43	42	5	-	2	-	8	8	-	-	-	1	cvovomcdo	cmoi6o6domo	44	0.0	1
	Manston	28.1	-4	~~S~~ NW	4	mo	43	39	6	5	3	-	6	5	2	30	-	25.0	-10	NW|W	4	dr	43	43	4	5	-	-	6	8	-	9	-	1	rovcmo	cmo6o6	45	0.0	1
2	Shoeburyness	28.7	-2	NW	3	mo	43	39	6	5	-	-	8	6	8	18	25	26.9	-8	NNW	4	ido	46	41	6	5	-	-	7	7	-	35	-	1	cmo	cdomo	46	0.1	Tr
	Felixstowe	27.3	+6	NNW	4	2o	44	37	6	5	7	-	8	5	8	70	-	24.4	-6	NNW	4	dodo	45	44	6	5	-	-	8	4	-	8	15	1	ccmo	cidocdodo	46	0.0	0.3
*	Gorleston	26.1	-10	NW	4	clv	44	40	6	5	-	-	8	8	-	25	-	23.4	0	NW	5	dr	46	40	5	5	-	-	8	8	-	8	-	1	cdo2o	drz	47	0.0	1
	Mildenhall	27.8	-14	WNW	3	mo	44	38	6	5	-	-	7	7	-	35	-	26.1	-2	NW|W	4	rofo	47	43	5	5	-	-	8	8	-	25	-	1	cmo2o	c6romo	47	0.0	0.2
	West Raynham	27.0	-16	WNW	5	mo	42	37	6	5	-	-	8	4	8	25	40	25.4	0	NNW	5	mo	46	42	6	5	-	-	8	8	-	15	-	1	cmocromo	cmodocmo	46	0.0	1
	Waddington	28.8	-14	WNW	4	mo	45	39	5	5	-	-	6	6	-	30	-	27.3	-4	NW	4	mo	47	41	5	5	-	-	8	7	-	28	-	0	cmo	cmo	47	0.1	-
3	Cranfield	29.1	-18	NW|W	3	2o	43	36	6	5	7	-	6	5	5	-	-	27.1	-2	NW|W	3	mo	46	41	5	5	-	-	8	8	-	40	-	1	cmo	cz6cmo	46	0.5	Tr
	Honiley	30.3	-12	NW	3	mo	45	41	5	5	-	-	8	5	8	10	40	28.6	0	NNW	4	mo	47	43	5	5	-	-	8	8	-	14	-	1	bwoccmo	cmo	47	0.0	-
4	Little Rissington	31.1	-10	NW	4	cdo	41	39	6	5	-	-	7	6	4	4	25	28.9	-4	NNW	3	mo	45	41	6	5	-	-	7	4	7	11	25	1	cdomocmo	cidomoccmo	46	0.0	Tr
	Defford	31.5	-10	~~NW~~ NNW	2	c	47	41	7	5	-	-	8	6	8	21	25	29.8	+2	NNW	4	2o	49	41	6	5	-	-	5	4	4	15	25	0	cmo2	ccfocmo	50	0.0	Tr
5	Bristol	32.6	-8	W	4	mo	45	39	6	5	7	-	7	6	7	32	-	30.4	-2	NW	4	2o	48	41	6	5	-	-	8	4	8	20	40	1	cmo	cmodo2o	49	0.0	Tr
	Hartland Point	34.3	-2	N	3	c	48	42	8	5	-	-	7	7	-	-	-	32.6	-2	N	4	c	49	47	8	8	7	-	6	4	4	-	-	1	c	c	49	0.0	Tr
	Yeovilton	32.3	-10	NW|W	5	2o	46	38	6	5	-	-	8	5	8	20	40																	cmo			*	
	Portland Bill	31.4	-12	N	3	mo	47	42	6	5	-	-	8	8	-	10	~~30~~	28.9	-6	NNE	4	c	49	42	7	5	-	-	8	8	-	10	-	1	bcomo	covzvz	50	*	-
	Exeter	34.3	-6	NW	4	c	45	41	8	5	-	-	8	1	2	20	40	31.6	-2	NNW	4	cld	48	43	7	5	-	-	8	6	8	29	40	0	bcmofqfc	ccidoc	49	0.0	Tr
	Plymouth	34.8	-2	WNW	1	m	45	40	4	5	-	-	7	7	-	25	-	33.1	0	WNW	3	2o	49	42	6	5	-	-	8	8	-	20	-	*	cmocmo	cmcz6	50	0.0	-
	St. Eval	35.6	-2	N	4	c	47	41	7	5	-	-	8	4	8	29	40	34.5	+2	NNW	5	c	48	47	8	7	-	-	8	4	8	18	40	1	cidocdc	ccidoc	49	0.0	Tr
	Lizard	35.7	+2	N|W	1	c	46	42	8	5	-	-	8	8	-	20	-	34.4	-2	N	3	c	48	42	8	5	-	-	8	8	-	15	-	0	c	c	48	0.0	-
	Guernsey	33.0	-4	NW	5	c	46	39	8	8	7	-	6	5	-	25	-	31.5	-6	NNW	6	c	48	44	8	8	-	-	8	4	5	12	25	1	c	cproc	49	0.2	Tr
	Scilly, St. Mary's	36.8	+10	NNE	5	c	48	40	8	8	-	-	8	8	-	20	-	35.8	0	NW	5	1o	49	45	8	8	-	-	8	8	-	-	-	1	cv3e	c1o	50	0.0	0.4
6	Fairwood	33.8	-10	NNW	3	cdo	46	43	6	5	-	-	8	5	8	20	40	31.8	-6	N	4	mo	47	43	6	5	3	-	5	5	3	30	-	1	ccidomo	cidomoccmo	48	0.0	Tr
	Pembroke	36.0	+6	NNW	5	q	45	~~37~~ 47	7	7	-	-	8	8	-	25	-	33.3	-12	N	5	cq	45	~~49~~ 48	6	7	-	-	8	8	-	30	-	0	cq	eqeq	50	0.0	-
	Aberporth	34.7	0	NNW	4	c	47	45	8	7	-	-	8	2	8	10	40	32.7	-4	NNW	4	c	48	46	7	5	-	-	8	4	8	15	57	1	cvocidoc	c	49	0.0	Tr
7	Holyhead Valley	33.8	-10	NNW	4	cdo	48	45	7	5	-	-	8	4	8	10	25	32.6	-2	NW	4	c	49	~~45~~ 44	7	5	-	-	6	2	6	15	25	1	cdocmoc	cidoc	50	0.0	0.3
8	Hawarden	31.4	-10	NW	5	c	48	43	7	5	-	-	8	4	8	12	40	30.1	-2	NW	5	mo	50	46	6	5	-	-	8	8	-	21	-	0	cmoc	c1cmo	50	0.0	-
	Manchester	30.7	-12	WNW	4	mo	45	42	7	5	-	-	8	3	8	20	40	29.3	+4	NW|W	3	mo	47	45	5	5	-	-	8	4	8	7	40	0	cmocmcmo	cmo	47	0.0	-
	Squires Gate	31.2	-14	NW	2	c	48	44	7	5	-	-	7	4	7	25	40	30.1	-2	NW	3	mo	47	45	6	-	7	-	8	8	-	-	-	0	c1cmo1c	cmoc	48	0.0	Tr
	Carlisle	30.0	-8	WNW	2	c	47	43	7	5	7	-	6	5	3	30	-	28.6	+2	W	3	c	49	43	7	5	-	-	8	8	8	30	-	1	cmoc1occ	c	49	*	-
9	Finningley	28.8	-18	WNW	3	2o	46	39	5	5	-	-	7	1	7	10	40	27.6	+4	NW	3	1o	49	41	5	5	-	-	8	1	8	20	40	1	c2o2o	c2o1o	49	0.0	0.1
10	Spurn Head	26.0	-26	WNW	6	mo	44	42	6	5	-	-	8	7	-	15	-	25.9	+6	NW	4	mo	45	43	6	5	-	-	8	8	-	-	-	0	omo	omo	47	0.0	-
	Leeming	28.3	-14	NW	4	c	48	41	8	5	-	-	7	7	-	40	-	28.2	+12	WNW	2	ro6	49	44	7	5	-	-	8	8	-	31	-	1	cmoc	c1ocfofo	49	*	0.3
	Tynemouth	28.0	-12	WNW	2	mo	47	41	6	8	-	-	8	8	-	17	-	27.1	+2	WNW	3	2o	49	42	6	5	-	-	8	8	-	17	-	1	omo	omoidoomo	50	*	Tr
11	Acklington	28.1	-6	WNW	4	c	49	40	7	5	-	-	7	7	-	35	-	26.7	+2	WNW	4	c	50	43	7	5	-	-	7	7	-	30	-	0	c2o	c	52	0.0	-
	St. Abb's Head	25.2	+2	NW	5	ro6o	50	49	6	5	-	-	7	7	4	25	-	25.9	+4	NW	5	mo	51	47	6	5	-	-	7	7	-	25	-	1	cqrovof	cmo	53	*	Tr
	Leuchars	27.9	-10	WNW	4	c	49	41	8	5	2	-	7	4	4	40	87	27.0	-2	W	3	c	51	41	8	-	7	-	7	7	-	80	-	1	cbccrro	c	52	0.0	Tr
	Bell Rock	27.2	+6	W|N	6	c	48	41	8	-	8	-	7	8	-	-	-	26.0	-6	WIN	6	c	51	41	8	8	7	-	8	3	-	25	-	*	woc	c	*	*	*
12	Renfrew	29.9	-6	WNW	3	c	51	44	7	5	-	-	6	3	5	25	40	29.3	-2	W	3	c	51	47	7	5	-	-	6	4	5	20	40	0	cwbc	c	51	0.0	-
	Prestwick	31.1	-18	NW	4	c	50	45	7	5	3	1	8	4	5	25	40	29.8	-8	WNW	3	cld	50	46	6	5	-	-	8	5	8	10	15	1	c	cidoc	51	*	Tr
	Wigtown	32.1	-16	NW	4	c	50	47 ~~46~~	8	5	3	-	6	3	6	10	40	30.3	-4	NW	5	ido	50	47	7	5	7	-	8	4	4	10	40	1	c	c	51	*	Tr
	Eskdalemuir	29.1	-14	WNW	3	c	46	40	8	5	7	-	6	5	2	22	-	28.2	+4	WNW	3	c	47	46	7	5	-	-	6	6	-	23	-	1	cbcc	c	50	0.2	Tr
	Point of Ayre	32.3	-2	NW	4	c	49	46	8	5	-	-	8	4	4	15	25	31.1	0	NW|N	4	c	50	48	8	5	-	-	8	4	4	18	26	0	c	c	50	0.0	-
13A	Tiree	32.8	-2	W|N	4	c	51	47	7	5	-	-	8	8	-	40	-	31.0	-6	WNW	4	cld	50	49	6	5	-	-	8	4	~~3~~8	10	~~40~~ 25	1	c	cdodocmo	51	0.0	1
13B	Benbecula	31.2	-2	W	3	o	49	47	~~3~~7	5	-	-	8	8	-	11	-	29.2	-6	WNW	3	mo	49	48	6	5	-	-	8	8	-	8	-	1	o	ododopmo	50	*	1
	Stornoway	29.4	-2	W	3	c	50	47	7	5	-	-	7	6	7	10	40	27.5	-4	WNW	3	ido	50	49	6	5	-	-	8	4	8	8	15	1	c	cidomo	50	0.0	1
	Cape Wrath	26.6	+2	W	5	o	48	46	8	5	-	-	8	8	-	10	-	25.4	-4	W	5	rF	48	48	1	-	-	-	9	9	-	0	-	1	o	rf	50	*	1
15	Dalwhinnie																	28.0	-10	SW	1	c	47	42	7	5	-	-	6	6	-	10	-	0		c	48	0.0	1
	Aberdeen	26.0	-14	NW	5	c	50	43	8	5	-	-	8	1	8	30	37	25.3	-2	NW	4	c	50	43	8	5	7	-	7	6	7	70	-	1	c	cqpc	51	0.0	-
	Rattray	24.9	-4	NW	5	cld	47	46	7	5	-	-	8	8	-	20	-	24.1	-4	WNW	5	c	48	44	7	8	-	-	8	8	-	25	-	1	cmcd	cc	50	*	2
	Lossiemouth	27.8	0	W	6	cdxlr	49	48	7	5	-	-	5	5	-	28	-	26.9	-6	WSW	4	clr	50	46	7	5	-	-	8	4	5	20	40	0	clroc	cic	51	0.0	0.1
	Wick	25.8	+2	WNW	5	dd	48	48	4	5	-	-	8	8	-	9	-	24.8	-6	WNW	4	dodo	49	49	5	5	-	-	8	8	-	5	-	1	cdodood	amopddmo	49	0.1	1
16	Hatston	25.6	+6	NW|W	5	dodo	49	49	5	5	-	-	8	3	8	2	4	23.7	-12	WNW	4	dodo	49	49	5	5	-	-	8	4	8	3	-	1	dddodo	cdd, dodomo	49	0.0	3
17	Lerwick	22.3	+2	WNW	3	c	45	41	8	5	-	-	8	7	8	27	-	21.2	-6	—	0	mo	45	45	6	5	-	-	8	8	-	1	-	1	cldomoc	cidomo	47	1.1	0.3
18	Blacksod Point †	38.8	+6	W	3	c	51	47	7	5	-	-	8	8	6	25	-	37.4	-6	WIN	4	c	51	47	7	5	-	-	8	8	-	25	-	0	c	c	51	*	-
	Malin Head †	37.4	-2	NW	4	c	51	47	8	5	-	-	8	6	6	25	-	33.1	-4	NW	4	c	51	47	8	5	-	-	6	6	-	25	-	0	c	c	51	0.0	-
	Aldergrove	35.0	-4	W	3	c	48	44	7	5	-	-	8	1	8	8	40	33.7	-2	W	3	c	50	44	7	5	-	-	8	3	8	10	40	0	cdodoc	c	50	0.0	Tr
19	Cas. Archdale	36.2	0	W	2	c	46	44	8	5	-	-	8	4	8	20	25	35.0	+2	NW	3	c	48	45	7	5	-	-	7	7	-	25	-	1	ccidoc	c	48	0.0	Tr
	Birr Castle †	37.4	-6	NW	1	c	47	43	8	5	2	-	8	5	1	25	-	36.4	-2	NW	1	c	48	44	8	5	2	-	8	5	-	25	-	1	"	c	48	0.0	-
20	Collinstown †	36.1	-6	WNW	4	c	46	42	7	5	-	-	8	7	1	40	-	34.2	-6	WNW	4	c	48	44	7	5	-	-	6	6	-	40	-	1	"	c	48	0.0	Tr
	Rineanna †	39.8	+4	W	3	c	47	43	7	5	-	-	8	7	1	28	-	38.3	-2	WNW	4	c	49	47	7	5	-	-	8	8	-	40	-	1	"	cdoc	50	0.0	0.2
	Valentia †	40.7	+4	NW	3	c	50	48	8	5	-	-	8	7	1	19	-	39.6	-6	NW|W	4	c	51	47	8	5	-	-	8	8	-	25	-	1	"	c	50	0.0	Tr
	Roches Point †	39.3	+4	N	3	ro6	48	46	8	8	-	-	7	6	4	15	-	37.8	-6	NNW	3	c	48	46	8	8	-	-	8	8	-	15	-	1	cprcmo	cprc	49	*	0.2

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

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

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

‡ See footnote p. 4.

* Information not usually received.

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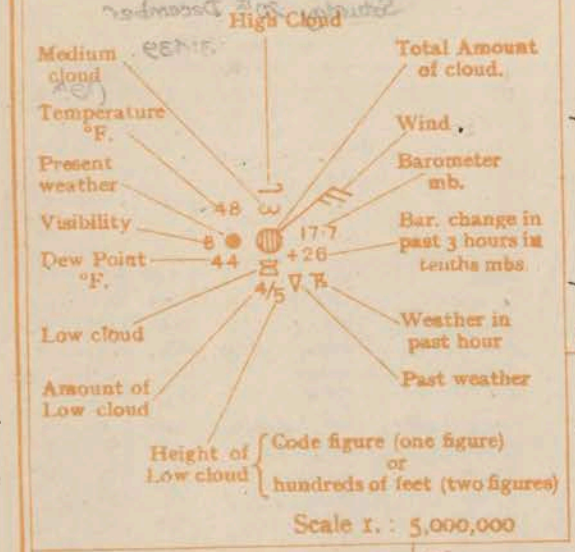
STATION MODEL



Scale 1. : 5,000,000

6h Saturday 20th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max. °F.	Night Min. °F.	Min. on grass °F.	Day mm.	Night mm.	Yesterday	15h %	18h % Today
Kew	cmo	cmo	cidocmo	48	46	44	Tr	Tr	0·1	*	*
Croydon ...	cdodoSz	czfm	cmido	47	46	45	–	–	*	73	92
Greenwich ...	cmo	cm	cm	47	46	41	–	–	0·0	80	87
Westminster	*	*	*	50	43	43	1·0		*	81	91
Regents Park	*	*	*	49	42	39	–	–		83	93
Camden Square	c	c	*	50	43	39	–	–	*	*	93
Kensington ...	cz	cz	*	50	46	42	Tr	Tr	*		94
Hampstead ...	bcod	o	o	45	44	37	0·1	–		*	95

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 20th Max. 0·2 Time 10–18h. Min. 20·1 Time 0–6h. 20th

1016 LOW

1018 1020 1022 1024 1026 1028 1030 1032 1034 1036 1038 1040

HIGH

LOW

R

F

S

HIGH

5°W 0° 5°E 10° 60° 55° 50°

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

GENERAL INFERENCE

An anticyclone persists to southwest of the British Isles. A depression off West Norway is moving southeast and a weak cold front over South Scotland is moving steadily south. Weather will continue cloudy with occasional slight rain or drizzle in many places, but with fair periods over Scotland which will probably extend to much of England and Wales overnight.

FURTHER OUTLOOK

Cloud and drizzle returning immediately to West Scotland and similar dull conditions spreading again over the whole country.

Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 20th December

1947

Clark's Projection Scale 1 : 4 × 10⁷ along meridian of 55° W.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character-istics 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 on systems.

All times are G.M.T.

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

Saturday 20th December 1947 — No. 31439

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9a)	Cloud. Form. Med. (10a)	Cloud. Form. High. (11a)	Cloud. Amount. Total (12a)	Cloud. Amount. Low. A. (13)	Cloud. Amount. Low. B. (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16						48										
	Croydon	217	28·5	+2	NW	3	mo	47	44	6	5	–	–	8	8	–	11	–
	S. Farnborough	220	28·9	-2	NW'W	3	mo	47	45	5	–	–	–	8	8	–	10	–
	Boscombe Down	417	29·9	0	WNW	4	c	47	42	7	5	–	–	7	7	–	40	–
	Calshot	8	29·8	0	NW	5	bc	47	43	7	–	3	–	4	4	–	–	–
	Langmere	53	28·5	-2	N	4	bc/d	47	46	6	5	–	–	4	4	–	25	–
	Lympne	341	26·1	-2	NW'N	4	id₀	45	44	5	5	–	–	8	8	–	07	–
	Manston	140	26·0	+2	NW	4	c/d	45	45	5	5	–	–	8	5	8	04	15
2	Shoeburyness	11																
	Felixstowe	10	25·4	+2	N'W	4	d₀d₀	46	45	6	5	–	–	8	8	–	11	–
	Gorleston	5	24·5	+4	NNW	4	DD	47	46	5	5	2	–	8	4	4	10	57
	Mildenhall	15	26·9	-2	NW	2	c/d	47	45	5	5	–	–	8	4	8	17	25
	West Raynham	250	26·5	+2	WNW	3	c/d	45	45	5	5	–	–	8	8	–	22	–
	Waddington	235	27·5	-4	WNW	3	mo	47	45	5	–	2	–	7	–	–	–	–
3	Cranfield	340	28·2	+2	NW'W	2	id₀	46	44	5	5	–	–	8	8	–	26	–
	Honiley	427	29·1	-2	NNW	3	mo	47	45	5	5	–	–	8	8	–	11	–
4	Little Rissington	731	29·7	+2	NNW	4	id₀	45	44	6	5	–	–	8	6	8	07	15
	Defford	58	30·4	0	NNW	3	mo	50	45	5	5	–	–	8	8	8	23	40
5	Bristol	200	30·9	-2	WNW	3	mo	47	42	6	5	–	–	8	5	–	27	–
	Hartland Point	199	32·7	-4	NNW	5	c	50	48	8	5	5	–	8	8	–	–	–
	Yeovilton	30																
	Portland Bill	32	29·7	-2	NNE	4	2₀	50	43	6	5	–	–	6	6	–	10	–
	Exeter	100	31·1	-2	NW'N	4	mo	49	44	6	5	7	–	7	7	8	38	–
	Plymouth	86	32·9	-2	N	1	mo	50	45	6	5	–	–	8	8	–	40	–
	St. Eval	345	33·8	-4	N	6	c	49	47	7	5	–	–	8	8	–	14	40
	Lizard	240	34·6	-2	N'W	5	c	49	46	7	5	–	–	8	8	–	15	–
	Guernsey	340	31·3	0	N'W	5	c	49	46	7	5	–	–	8	5	8	15	25
	Scilly, St. Marys	163	35·5	-2	N'W	5	c	50	47	8	5	–	–	8	6	–	–	–
6	Pairwood	268	31·8	-6	N	5	mo	49	46	6	5	–	–	8	5	8	15	15
	Pembroke	142	33·5	-2	NW	4	cq	50	50	7	5	–	–	8	8	–	25	–
	Aberporth	425	33·0	-2	NNW	4	c/r	49	46	7	5	–	–	8	8	–	17	–
7	Holyhead (Valley)	32	32·8	+2	NW	3	mo	50	46	6	5	–	–	8	6	–	23	–
	Hawarden	15	30·5	+2	NW	4	id₀	50	48	6	5	–	–	8	8	–	08	–
8	Manchester	230	29·7	-2	WNW	3	mo	47	46	6	5	–	–	8	8	–	07	–
	Squires Gate	33	30·2	+2	NW'W	4	c	48	46	7	5	–	–	8	8	–	08	–
	Carlisle	100	28·8	+6	WNW	3	r₀r₀	49	47	7	5	–	–	8	4	8	11	15
9	Finningley	28	27·8	-6	WNW	3	mo	49	43	5	5	–	–	8	8	–	39	–
10	Spurn Head	29	26·5	0	W'N	4	mo	45	45	6	5	–	–	8	6	–	–	–
	Leeming	105	27·6	-6	WNW	2	c	49	44	7	5	–	–	8	6	–	30	–
	Tynemouth	108	27·1	0	WNW	2	0	49	45	7	5	–	–	8	8	–	17	–
	Acklington	138	26·5	-4	WNW	2	ir₀	51	46	7	5	–	–	6	6	–	30	–
11	St. Abb's Head	280	25·7	-2	NW	5	mo	52	50	8	5	–	–	5	5	–	25	–
	Leuchars	31	26·8	-2	W	3	b-bc	49	45	8	5	–	–	5	3	–	30	–
	Bell Rock	–	26·7	+2	W	6	r₀r₀	53	45	8	5	7	–	7	–	–	–	–
12	Renfrew	35	28·7	-6	WNW	5	bc	51	47	7	5	–	–	4	4	–	25	–
	Prestwick	30	29·7	-2	WNW	4	mo	50	48	6	5	–	–	5	4	5	13	40
	Wigtown	19	30·4	-4	WNW	4	c	50	47	7	5	–	–	8	8	–	10	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	31·0	0	NW'N	4	d₀d₀	50	50	7	5	–	–	8	8	–	20	–
13A	Tiree	44	31·3	-2	WNW	4	d₀d₀	50	49	6	5	–	–	8	8	–	06	–
	Benbecula	27	30·3	+6	NNW	3	mo	48	43	6	5	–	–	8	8	–	08	–
13B	Stornoway	12	28·8	+6	WNW	4	d₀d₀	48	47	6	5	–	–	6	6	–	10	–
	Cape Wrath	367	29·3	+4	W	5	d₀d₀	47	45	8	5	–	–	7	7	–	20	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						51										
	Rattray	40	23·9	-2	WNW	3	c/d	51	47	7	8	–	–	8	8	–	20	–
	Lossiemouth	21	27·0	-4	W	5	c	49	47	7	5	–	–	8	3	4	18	40
	Wick	114	25·2	+2	WNW	5	c/d	47	47	6	5	–	–	7	4	7	07	15
16	Hatston	45	24·3	+2	WNW	6	cbc/d	47	47	6	5	–	–	5	5	–	10	–
	Lerwick	269	21·0	0	W'N	4	mo	47	47	6	5	–	–	5	5	–	09	–
17	Blacksod Point †	18	37·5	-2	W'N	3	c	51	49	7	5	–	–	7	7	–	25	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	33·3	+6	WNW	4	id₀	49	47	6	5	–	–	8	4	8	11	25
	Cas. Archdale	225	34·9	-4	WSW	4	c	48	47	7	5	–	–	8	8	–	25	–
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	34·5	-6	WNW	4	c-bc	45	43	8	5	3	1	5	4	–	45	–
20	Rinnanna †	13	36·5	-2	W'N	4	c	49	47	8	5	–	–	8	8	–	43	–
	Valentia †	30	39·8	-2	NW	3	ir₀	51	47	8	5	–	–	8	8	–	18	–
	Roches Point †	22	37·8	-2	NW'N	4	c	49	45	8	5	–	–	8	8	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total (28)	Cloud. Amount. Low. A. (29)	Cloud. Amount. Low. B. (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. (33)
1	Kew	28·9	+4	NW'N	2	mo	49	46	5	5	–	–	8	8	0	45	–	1
	Croydon	29·0	+2	W	2	mo	46	45	4	5	–	–	8	8	0	27	–	1
	S. Farnborough	29·4	+2	WNW	2	mo	48	46	5	5	–	–	8	8	0	9	–	1
	Boscombe Down	30·2	+2	WNW	3	c	47	45	7	5	–	–	8	4	8	15	25	0
	Calshot	30·5	+6	NW	3	c	48	44	7	5	–	–	8	8	0	18	–	0
	Langmere	29·1	+8	N	3	mo	49	47	6	5	–	–	6	6	0	30	–	1
	Lympne	27·2	+6	NNW	4	id₀	45	45	5	5	–	–	5	5	0	12	–	1
	Manston	27·2	+6	NW	4	id₀	46	46	5	5	–	–	8	5	8	13	40	1
2	Shoeburyness	27·7	-6	NW'W	3	mo	47	44	6	5	–	–	8	4	8	35	–	1
	Felixstowe	26·5	+2	NNW	4	c/r	48	47	6	5	–	–	8	8	0	47	–	1
	Gorleston	26·0	+6	NNW	4	id₀	47	46	6	5	–	–	8	8	0	10	–	1
	Mildenhall	27·8	+2	WNW	2	mo	47	45	6	5	–	–	8	8	0	38	–	1
	West Raynham	27·1	+4	WNW	3	d₀d₀	45	44	4	5	–	–	8	8	0	13	–	1
	Waddington	28·9	+2	WNW	3	id₀	46	45	4	5	–	–	8	8	0	45	–	1
3	Cranfield	28·5	+2	NW	3	id₀	48	46	6	5	–	–	8	8	0	9	–	1
	Honiley	29·5	+2	NW	3	ir₀	48	46	6	5	–	–	8	8	0	5	–	1
4	Little Rissington	29·7	+2	NNW	4	id₀	47	46	6	5	–	–	8	8	0	3	–	1
	Defford	30·4	0	NNW	4	mo	51	47	6	5	–	–	8	8	0	15	–	1
5	Bristol	30·9	0	WNW	3	mo	48	45	6	5	–	–	8	8	0	19	–	1
	Hartland Point	33·0	+2	N	4	c	50	48	8	5	–	–	6	6	0	–	–	1
	Yeovilton																	1
	Portland Bill	29·9	0	NNE	3	0	50	46	7	5	–	–	8	8	0	10	–	1
	Exeter	32·1	-02	NW'N	4	mo	50	47	6	5	–	–	6	3	6	17	40	0
	Plymouth	33·2	+2	NW	3	mo	51	46	6	5	–	–	8	8	0	45	–	0
	St. Eval	34·1	-2	N	5	mo	50	46	7	5	–	–	8	8	0	32	–	0
	Lizard	33·6	-4	N	5	0	49	47	7	5	–	–	8	8	0	20	–	0
	Guernsey	31·7	+2	N'W	5	c	50	48	7	8	7	–	6	4	5	15	25	1
	Scilly, St. Marys	35·5	0	NNW	5	c	51	47	8	8	–	–	8	8	0	–	–	1
6	Pairwood	32·5	0	NNW	4	c	49	46	7	5	–	–	8	8	0	19	–	0
	Pembroke	33·1	0	NNW	4	c	49	45	7	5	–	–	8	8	0	25	–	0
	Aberporth	33·3	-2	NW	3	id₀	49	47	7	5	–	–	8	8	0	7	–	1
7	Holyhead (Valley)	32·8	+6	NW	3	id₀	51	49	6	5	–	–	8	4	8	10	15	1
	Hawarden	30·4	-8	W	4	d₀d₀	50	49	52	5	–	–	8	4	8	6	15	1
8	Manchester	29·5	0	WNW	4	mo	48	48	5	5	–	–	8	8	0	5	–	1
	Squires Gate	30·2	0	WNW	4	mo	49	47	6	5	–	–	8	8	0	11	–	0
	Carlisle	28·9	+6	NW	3	c-bc	48	45	7	5	–	–	5	5	0	18	–	1
9	Finningley	27·8	0	WNW	2	mo	49	46	6	5	–	–	6	6	0	27	–	0
10	Spurn Head	27·2	0	WNW	4	mo	45	44	6	5	–	–	8	8	0	–	–	1
	Leeming	28·0	+4	NW	4	mo	47	45	6	5	–	–	4	4	0	30	–	1
	Tynemouth	28·0	+8	NW	3	bc	49	45	7	5	–	–	4	4	0	16	–	1
	Acklington	27·3	+6	WNW	3	mo	49	45	6	–	–	–	0	0	0	–	–	0
11	St. Abb's Head	25·4	+14	NW	4	mo	51	47	6	5	–	–	5	5	0	25	–	0
	Leuchars	27·5	+10	W	3	bc	49	45	68	5	–	–	3	3	0	30	–	1
	Bell Rock	28·5	+4	WNW	5	b-bc	50	41	8	5	–	4	3	0	0	–	–	•
12	Renfrew	30·3	+16	W	3	b-bc	47	44	7	5	–	–	3	3	0	25	–	0
	Prestwick	30·7	+14	WNW	3	bc	48	44	7	5	1	–	4	2	4	15	–	1
	Wigtown	30·7	+4	NW	6	c/d	50	46	7	5	–	–	6	3	6	10	25	1
	Eskdalemuir	28·9	+6	W'N	3	c-bc	48	48	7	5	–	–	5	5	0	24	–	1
	Point of Ayre	31·3	+12	NNW	4	bc	50	49	8	5	–	–	4	4	0	18	–	0
13A	Tiree	32·3	+4	NNW	2	c	49	47	7	5	–	–	8	8	0	20	–	1
	Benbecula	31·8	+6	NW	3	c/d	47	46	7	5	–	–	84	4	0	12	–	1
13B	Stornoway	31·0	+14	NW	5	b-bc	46	39	7	5	–	–	3	3	0	15	–	1
	Cape Wrath	28·7	+12	W	5	c	46	42	8	5	–	–	3	3	0	20	–	1
15	Dalwhinnie																	0
	Aberdeen	26·4	+4	NW'W	4	b	48	41	8	5	–	–	1	1	0	80	–	1
	Rattray	25·0	+12	WNW	4	c	46	44	8	5	–	–	8	8	0	25	–	1
	Lossiemouth	29·3	+12	WSW	4	c	48	44	7	5	–	–	8	7	0	25	–	1
	Wick	27·0	+10	WNW	5	c	46	43	7	5	–	–	7	6	0	15	–	1
16	Hatston	26·5	+16	WNW	4	c-bc	45	42	7	5	–	–	5	5	0	20	–	1
	Lerwick	21·3	+14	WNW	6	bc	44	41	7	5	–	–	5	4	0	15	–	1
17	Blacksod Point †	37·5	+2	W'N	3	c/d	51	51	7	5	–	–	8	8	0	0	–	1
18	Malin Head †	33·5	+6	NW	3	id₀	50	50	7	5	–	–	8	8	0	5	–	0
	Aldergrove	33·8	+4	WNW	3	d₀d₀	49	49	7	5	–	–	8	8	0	4	–	1
	Cas. Archdale	35·3	+2	NNW	4	c	46	45	7	5	–	–	8	8	0	20	–	1
19	Birr Castle †	36·6	+2	NW	1	c	51	49	7	5	–	–	8	8	0	25	–	1
	Collinstown †	34·2	+4	WNW	3	id₀	50	48	7	5	–	–	8	8	0	07	–	1
20	Rinnanna †	38·3	+2	NW'W	4	0	50	48	7	5	–	–	8	8	0	10	–	1
	Valentia †	40·2	+6	NNW	4	c	52	48	8	5	–	–	7	6	0	17	–	1
	Roches Point †	37·4	0	NNW	3	c	49	47	8	5	–	–	8	8	0	15	–	1

OBSERVATIONS Friday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain mm. (43)
1	Kew	cid₀m₀	cm₀	46	44	Tr
	Croydon	cmid₀m₀m₀	cm₀cm	46	45	–
	S. Farnborough	m₀ir₀m₀	cm₀cm	46	44	Tr
	Boscombe Down	c m₀ c	c b2c	45	44	Tr
	Calshot	ccm₀c	bcc	46	42	–
	Langmere	cid₀m₀bc	bcm₀c	41	41	Tr
	Lympne	cd₀d₀cid₀	cidgr₀cid₀	41	41	1
	Manston	cid₀m₀	cid₀m₀	44	43	0·3
2	Shoeburyness	cid₀m₀	cr₀r₀m₀	43	42	1
	Felixstowe	cd₀d₀m₀	cd₀d₀m₀m₀	46	46	0·1
	Gorleston	0dd2	0id₀2₀	46	*	1
	Mildenhall	cr₀r₀cm₀	cm₀ir₀cm₀	45	44	0·2
	West Raynham	cid₀cm₀	cd₀d₀dm	45	43	1
	Waddington	cid₀m₀	cr₀r₀m₀	45	35	0·3
3	Cranfield	cm₀cid₀cm	cid₀m₀	45	*	0·2
	Honiley	cm₀	em₀rd₀m₀	47	46	0·2
	Little Rissington	cm₀id₀m₀	cid₀m₀	45	45	0·2
	Defford	ccm₀	ccd₀cm₀	48	47	01
5	Bristol	cbc2₀	cbccm₀	45	42	Tr
	Hartland Point	c	c	43	43	–
	Yeovilton			40	38	–
	Portland Bill	bcc2₀	c0	49	–	–
	Exeter	c	cm₀	48	44	Tr
	Plymouth	cm₀	cm₀	50	44	–
	St. Eval	c	dcm₀	48	47	–
	Lizard	cc	cc	47	–	–
	Guernsey	cc	cc	48	45	–
	Scilly, St. Marys	c	c	50	–	–
6	Pairwood	cm₀	cm₀c	42	42	–
	Pembroke	cq	c	49	–	–
	Aberporth	cir₀	cid₀	48	47	Tr
7	Holyhead (Valley)	cid₀ccm₀	cm₀	49	47	Tr
	Hawarden	cm₀id₀m₀	cd₀d₀m₀	48	47	3
8	Manchester	cm₀ir₀m₀	cm₀id₀m₀	46	41	Tr
	Squires Gate	cm₀id₀bcc	cid₀bm₀c	46	43	Tr
	Carlisle	cr₀r₀	cr₀r₀cbc	44	36	1
9	Finningley	cir₀id₀m₀	cir₀2₀cm₀	47	43	Tr
10	Spurn Head	0	0m₀	43	*	2
	Leeming	bcc	bcr₀m₀	46	42	–
	Tynemouth	c0	0id₀cbc	48	43	Tr
	Acklington	Ccir₀	cm₀bm₀	44	41	Tr
11	St. Abb's Head	cm₀	cm₀	41	–	–
	Leuchars	cbcc	bcb	46	41	–
	Bell Rock	c	cbc	*	*	–
12	Renfrew	cm₀bc	bcq	44	35	–
	Prestwick	cm₀	cm₀cbc	46	41	–
	Wigtown	cid₀c	cid₀c	45	42	Tr
	Eskdalemuir	cpr₀c	c	42	37	–
	Point of Ayre	c0d₀	0bc	48	*	Tr
13A	Tiree	0d₀d₀m₀	cd₀m₀c	46	44	0·2
	Benbecula	0d₀d₀m₀	cm₀d₀d₀bc	45	43	0·3
13B	Stornoway	cd₀d₀m	cd₀m₀Bbc	44	37	0·5
	Cape Wrath	C	c	44	41	0·6
15	Dalwhinnie			37	28	–
	Aberdeen	cbcb	b	47	43	–
	Rattray	cmicl	cc	45		1
	Lossiemouth	cir₀	cbc	43	40	Tr
	Wick	cd₀d₀c	cid₀c	43	40	0·5
16	Hatston	cd₀d₀m₀cm₀cid₀m₀c		45	42	0·5
	Lerwick	cm₀d₀m₀	cr₀d₀m₀bc	43	40	1
17	Blacksod Point †	C	cd₀c	49	•	Tr
18	Malin Head †		cid₀c	49	•	0·3
	Aldergrove	ccm₀id₀	cm₀r₀s₀d₀	47	46	1
19	Cas. Archdale	C	cid₀m₀c	45	42	1
	Birr Castle †	•	c	46	42	–
	Collinstown †	bc	cid₀c	44	40	Tr
20	Rinnanna †	C	c	47	46	Tr
	Valentia †	cir₀	c	48	46	Tr
	Roches Point †	C	c	47	•	–

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

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

Sunday 21st December 1947 No. 31440

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

District.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12a)	Amount. Low. A. 0–9 (12b)	Amount. Low. B. 0–9 (12c)	Height of Base Hundreds of feet. A. (13)	Height of Base Hundreds of feet. B. (14)	Min. on Grass °F. (42)	mm. (43)
1	Kew	30·0	0	NW	2	Mo	50	48	5	5	–	–	8	8	–	31	–	44	Tr
	Croydon	30·2	+4	WNW	2	f	49	48	2	–	–	–	9	9	–	0	–	45	–
	S. Farnborough	30·6	+8	WNW	3	dodo	50	49	5	5	–	–	8	5	8	5	8	44	Tr
	Boscombe Down	31·0	+4	NW	4	ido	50	47	7	5	–	–	7	4	7	12	15	42	–
	Calshot	31·2	−12	NW	3	mo	51	47	6	5	–	–	8	4	7	14	25	41	Tr
	Tangmere	30·3	+6	N	4	cdc	51	50	6	5	–	–	8	8	–	15	–	41	1
	Lympne	28·8	+6	NW	2	ido	47	47	4	5	–	–	8	8	–	2	–	43	0·3
	Manston	28·9	+6	WNW	3	cf+	46	46	3	5	–	–	8	8	–	4	–	42	1
2	Shoeburyness	29·0	+8	NNW	2	Mo	50	47	6	5	–	–	8	8	–	10	–	46	0·1
	Felixstowe	28·8	+6	NNW	3	m	48	47	4	5	–	–	8	2	8	15	25	*	1
	Gorleston	28·2	+12	NNW	4	ido	49	48	6	5	2	–	8	4	4	10	37	44	0·2
	Mildenhall	29·6	+10	NW	2	ido	49	49	4	5	–	–	8	5	8	4	15	43	1
	West Raynham	28·8	+6	WNW	4	Mo	47	47	6	6	–	–	8	4	8	5	15	35	0·3
	Waddington	29·9	+8	NNW	3	m	49	47	4	6	3	–	5	4	4	100	–	*	0·2
3	Cranfield	29·8	+4	NW'N	4	Mo	50	48	6	5	–	–	8	5	8	8	25	46	0·2
	Honiley	31·2	+10	NNW	4	Mo	39	36	6	5	–	–	8	8	–	6	–	45	0·2
4	Little Rissington	31·0	+4	NW	3	cld	48	45	7	5	–	–	7	4	7	6	15	47	01
	Defford	31·7	+6	N	3	c	52	46	7	5	–	–	7	7	–	20	–	42	Tr
5	Bristol	31·7	+08	WNW	3	mo	53	47	6	5	–	–	5	5	1	23	–	43	–
	Hartland Point	34·4	+4	N	3	c	51	51	8	8	4	–	7	5	3	–	–	38	–
	Yeovilton	31·8	+6	NW	4	bc	53	41	7	5	7	1	4	4	3	25	–		
	Portland Bill	31·1	+10	NNW	2	mo	52	48	6	5	–	–	6	6	–	10	–	44	Tr
	Exeter	33·2	+12	NW	3	c	52	49	8	6	–	–	7	4	7	25	40	44	–
	Plymouth	34·1	+6	NNE	3	c	52	49	7	5	–	–	7	5	7	8	25	47	–
	St. Eval	36·0	+12	N	4	ido	51	51	6	5	–	–	8	5	7	8	40	45	–
	Lizard	35·2	+10	NE	3	c	52	49	7	5	–	–	8	8	–	18	–		
	Guernsey	34·0	+6	NW	4	c	51	49	7	5	–	–	7	4	–	15	–		
6	Scilly, St. Marys	36·9	+10	NW	5	c	52	49	7	5	–	–	8	8	–	15	–	42	–
	Fairwood	38·3	+16	NNW	XS	ido	51	49	7	5	–	–	5	5	5	10	40	–	–
	Pembroke	35·5	+8	NNW	4	c	51	51	7	5	–	–	7	7	–	28	–	47	Tr
	Aberporth	34·6	+6	NW	3	df	49	49	2	5	–	–	8	8	–	–	–		
7	Holyhead (Valley)	34·1	+6	NW	4	bc	52	48	8	5	–	–	4	4	–	20	–	47	3
8	Hawarden	31·7	+6	WNW	6	bc	51	47	8	5	–	–	4	8	4	8	15	41	Tr
	Manchester	31·5	+12	NW	4	c/d	48	46	5	5	–	–	8	4	8	4	8	43	Tr
	Squires Gate	31·8	+8	NNW	3	Mo	48	45	6	5	–	–	9	5	2	4	35	36	1
	Carlisle	30·8	+10	W	3	c-bc	48	44	6	5	4	9	8	2	3	35	–		
9	Finningley	30·7	+14	NNW	2	m	51	45	4	–	–	2	4	4	–	–	–	43	Tr
10	Spurn Head	29·3	+14	WNW	3	Mo	46	45	5	5	–	–	4	4	–	–	–	42	2
	Leeming	30·4	+18	NW	2	c-bc	53	45	8	5	–	2	5	1	6	20	–	43	Tr
	Tynemouth	30·6	+20	NW	2	Zo	50	41	6	5	–	5	5	4	4	18	72		
	Acklington	29·8	+14	WNW	3	c	50	41	8	5	–	6	7	2	7	25	–	41	–
11	St. Abb's Head	29·0	+8	NW	3	bc	48	44	7	5	–	–	4	4	–	30	–	*	*
	Leuchars	30·1	+10	W	4	c	51	38	8	–	3	9	7	4	7	–	–	35	–
	Bell Rock	29·5	+14	WSW	4	c	50	38	8	–	4	9	6	0	–	–	–		
12	Renfrew	32·5	+12	WSW	2	bc	51	42	8	5	–	2	4	3	4	30	–	41	–
	Prestwick	33·0	+8	SW	2	c	48	47	8	5	–	7	6	3	5	25	–	42	Tr
	Wigtown	34·0	+14	NW'N	3	c-bc	49	45	XS	5	–	–	5	4	5	10	40	37	–
	Eskdalemuir	30·3	+8	NE	2	bc	51	34	8	1	7	2	4	1	4	22	–	*	Tr
	Point of Ayre	32·9	+10	NW'N	5	C	51	47	8	5	4	6	8	3	2	15	–		
13A	Tiree	35·5	+6	NNW	3	c-bc	47	44	8	7	–	5	5	3	4	15	28	44	0·2
13B	Benbecula	34·9	+14	NNW	4	c	47	45	8	5	–	–	7	7	–	16	–	43	0·3
	Stornoway	33·2	+8	W	5	bc	47	44	8	5	–	–	4	4	–	25	–	37	0·5
14	Cape Wrath	29·6	+6	W	4	c-bc	47	43	9	2	3	–	5	4	3	25	–	41	0·6
15	Dalwhinnie																	28	–
	Aberdeen	28·6	+4	NW	5	c	48	33	8	–	4	9	6	2	6	90	–	43	–
	Rattray	29·1	+10	WNW	5	bc	46	39	7	8	–	–	4	4	–	25	–	40	1
	Lossiemouth	31·5	+8	WSW	5	bc	46	42	7	–	3	–	4	3	4	–	–	40	Tr
	Wick	28·5	−2	WNW	5	bc	46	42	7	5	–	9	4	4	3	18	–	42	0·5
16	Hatston	27·4	+6	NW	6	c-bc	47	40	7	6	3	8	5	4	3	15	–	40	0·5
	Lerwick	21·9	+8	NW	7	c	45	35	7	2	4	8	6	4	2	22	–	*	*
17	Blacksod Point†	33·3	+14	NW	3	dodo	51	51	7	6	–	–	7	7	–	15	–	46	1
18	Malin Head †	37·0	+16	NW	8	c-bc	45	45	8	6	–	–	8	5	–	15	–		
	Aldergrove	35·7	+6	W	3	c-bc	50	48	8	5	4	5	4	2	10	–	–	42	1
	Cas Archdale	36·7	+6	NNW	3	c	50	48	8	6	3	6	6	3	3	9	40	42	–
19	Birr Castle †	37·2	+2	NW	1	C	51	47	7	5	2	–	8	5	–	25	–	*	*
20	Collinstown †	35·9	+10	WNW	4	c	51	47	8	5	–	–	7	7	–	15	–	43	Tr
	Rineanna †	39·4	+2	WNW	4	ido	52	50	7	5	–	–	8	8	–	10	–	*	*
	Valentia †	41·2	+4	NW'N	6	c	53	49	7	5	–	–	8	8	–	17	–	41	–
	Roches Point †	37·3	−6	W'S	5	bc	52	50	8	5	4	–	4	3	–	15	–	38	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
31·6	+14	NW	2	Mo	48	44	6	–	–	–	0	0	0	–	–	1
31·8	+14	NW	3	m	48	46	4	+	–	1	4	4	–	–	–	1
32·1	+14	WNW	2	mo	49	46	6	5	–	–	4	4	–	12	–	1
32·8	+16	NW	3	mo	46	42	6	1	–	–	0	0	0	–	–	1
32·8	+14	NW	3	mo	48	43	6	–	–	2	3	3	–	–	–	0
31·5	+12	N	3	mo	49	47	6	5	–	–	3	3	–	30	–	0
30·2	+14	NNW	3	mo	46	45	5	5	–	–	5	5	–	12	–	1
30·0	+12	NW'N	3	mo	47	45	6	5	–	–	6	4	4	12	25	1
30·6	+14	–	0	mo	46	43	6	5	–	–	5	5	–	25	–	1
29·2	+10	N	5	c-bc	47	44	7	5	–	–	5	5	–	25	–	1
29·1	+14	NNW	4	mo	45	42	6	7	–	–	5	4	4	15	25	1
31·2	+20	NW	2	bbc	42	41	7	–	4	5	3	3	2	–	–	1
30·2	+10	NNW	3	bc	43	41	7	–	4	8	4	2	4	–	–	1
31·0	+10	W'S	2	mo	44	41	5	–	–	–	0	0	0	–	–	1
31·8	+22	WNW	2	mo	45	43	5	–	–	–	0	0	0	–	–	1
33·1	+22	NNW	3	m	44	42	4	–	–	8	3	3	–	–	–	1
32·8	+14	NNW	3	mo	45	40	6	–	–	5	3	3	–	–	–	1
33·3	+14	NW	1	bc	45	42	7	5	–	–	4	4	–	30	–	0
33·3	+14	–	0	mo	47	42	5	4	–	6	5	1	5	35	–	1
34·3	+6	NNW	3	bc	50	50	7	2	4	–	4	3	2	–	–	1
31·9	+14	NNE	2	mo	49	45	6	1	–	–	4	4	–	20	–	1
33·8	+6	NNW	3	cbc	48	44	8	5	–	8	5	2	5	30	–	0
34·2	+8	NNW	2	bc	52	46	7	5	–	–	4	4	–	20	–	0
35·8	+8	N	4	dodo	50	50	6	5	–	–	8	4	8	5	15	1
34·9	+12	N	4	c	51	49	7	8	–	–	6	6	–	15	–	0
32·5	+10	N'W	4	c	51	49	7	5	–	–	8	2	8	9	25	1
36·1	0	NNW	5	c	52	51	7	5	–	–	7	7	–	–	–	0
34·2	+10	NNW	5	cbc	49	45	8	8	–	6	5	2	2	10	15	0
35·8	+6	NE	3	bc	51	51	7	7	–	–	4	4	–	26	–	1
36·6	+12	NW'N	3	bc	49	48	7	2	7	8	4	3	3	12	25	1
36·6	+18	NW	3	bbc	48	45	7	5	–	–	3	3	–	20	–	0
34·4	+18	WNW	4	c	49	46	7	5	–	–	8	5	8	7	8	1
33·4	+16	W	3	mo	45	43	5	5	–	–	6	4	5	6	25	1
33·4	+16	NNW	4	mo	46	44	6	–	–	2	3	3	–	–	–	0
32·9	+20	W	3	bbc	40	37	9	–	–	6	3	3	–	–	–	1
31·6	+10	WNW	1	m	43	40	4	–	7	8	4	2	4	–	–	0
30·7	+14	NW'W	4	m	43	43	4	–	–	–	0	0	0	–	–	0
32·3	+18	WNW	2	bc	43	40	8	–	–	6	4	4	–	–	–	1
32·0	+18	NW	2	bc	45	39	7	5	–	–	4	4	–	18	–	1
31·8	+20	WNW	3	c	45	36	7	5	–	–	8	3	4	25	–	0
30·4	+12	NW	3	mo	47	43	6	5	–	–	4	4	–	25	–	0
31·8	+14	WNW	4	bc	48	30	8	–	4	9	4	1	4	–	–	1
30·9	+24	WNW	4	cbc	48	33	8	4	–	8	5	1	–	15	–	*
34·7	+22	NW	3	bc	45	39	8	–	–	8	4	4	–	–	–	0
34·8	+16	NW	4	cbc	45	41	8	5	–	2	5	2	5	31	–	1
35·4	+20	N	4	b·bc	45	41	9	5	–	9	3	1	3	25	–	1
33·2	+16	NW	3	b·bc	43	31	8	5	–	6	3	1	4	22	–	0
34·7	0	NW'N	6	b·bc	48	44	8	5	–	†	3	1	3	15	–	0
35·8	+2	NW	1	cld	47	44	8	5	–	–	7	7	–	30	–	1
34·4	−6	W	2	dodo	48	45	8	5	–	–	8	8	–	15	–	1
32·8	−4	WSW	4	bc	45	42	7	5	3	–	4	4	4	15	–	1
30·3	+6	W	5	bc	47	40	8	2	–	–	4	4	–	25	–	1
32·5	+12	NW	1	bc	40	33	7	–	4	–	4	4	–	–	–	0
30·9	+14	WNW	2	bbc	45	38	7	5	–	9	3	1	3	20	–	1
28·4	+14	WNW	5	b·bc	46	40	7	1	–	–	3	3	–	30	–	1
31·7	+6	W	5	cbc	47	43	7	5	–	–	5	5	–	25	–	0
29·8	+10	WNW	6	bc	43	39	8	4	1	9	4	1	4	25	–	1
28·6	+6	WNW	5	c	46	40	7	5	3	–	6	4	5	18	–	1
24·8	+18	NW'W	3	b	42	34	8	2	–	–	1	1	–	22	–	1
41·4	+12	WNW	4	c	49	47	7	6	–	–	7	7	–	15	–	0
37·4	+12	NNW	2	ido	48	47	8	5	–	–	6	6	–	15	–	0
38·0	+24	W	2	c-bc	46	44	8	5	–	–	5	3	4	12	15	1
39·0	+18	WSW	3	c	45	44	8	5	–	–	7	3	6	12	15	1
39·2	+20	NW	1	c	48	44	8	5	2	–	8	5	–	25	–	1
37·6	+22	NW	4	bc	46	42	8	7	4	8	4	2	–	15	–	1
40·9	+18	NW	4	bbc	46	46	8	5	4	–	3	3	–	10	–	1
41·1	+12	NNW	5	cld	49	47	7	8	4	–	7	7	–	9	–	1
38·6	+14	N	4	c	52	50	8	5	1	–	8	4	–	15	–	1

OBSERVATIONS during DAY (20th)

Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
cldcnm sleet	cmobdb	52	0·0	Tr
cmgdodedof	cfbcm	51	0·0	Tr
cmodedo	cmoidocmo	50	0·0	Tr
ccmoldo	idocbc	51	0·2	Tr
cmoldo	cmobcmo	*	0·0	–
cmocdode	cdcdocmo	52	0·0	Tr
cmocido	cidodedmb	49	0·0	0·3
cmododedof	fdedocmo	48	0·0	1
cmodedoc	ccmo	50	0·1	1
cmcdedocm	cidomoc	50	0·0	0·1
cidcdo	c2	49	0·0	Tr
cdedoffldo	cidomobc	50	0·0	0·3
dodedff	cmocbc	49	0·3	0·5
cdedocm	cmbmo	51	1·8	–
cidomo	cmobcmo	50	0·0	Tr
cdedomocmo	cmobcmo	49	0·0	Tr
cidomoc	cbcc	48	0·0	Tr
cmoc	cbc	53	0·3	–
dofecmo	bccicmo	55	2·2	–
c	cbc	51	0·0	–
cmobc				
cmo	cbc	53		–
ccdoc	c	53	0·5	Tr
cmobcc	ccimdmo	53	0·0	Tr
cbccmoide	cidomodo	51	0·0	1
c	cidoc	54	1·9	Tr
cfcc	c	52	0·0	–
c	c	53	(1·1)	–
cido	cdodobc	53	2·6	Tr
cqcdodoc	cdcdbc	52	0·0	0·1
cmofid	ofrmdcbc	50	0·0	0·5
cbc	bcc	52	2·4	–
cdedomo	c	51	1·4	0·1
cido mo	cmo	49	0·0	–
cmobcmo	bccbcmo	49	4·0	–
bccbc	cbc	49	*	–
cmobm	bczom	53	2·4	–
cmobcmo	bcbm	49	0·9	Tr
cmcbc	cbc	54	*	–
bcmocmo	cmcbc	50	*	–
bcc	bccbc	52	0·1	–
cbc	bcbcmo	51		–
bcc	cy	51	2·1	–
bcc	c	*	*	–
bcbbc	bccbc	51	4·0	–
cbcc	c	50	*	–
cbc	bbc	51	*	–
cbcy	bcdcy	52	4·2	–
c	cb	49	2·3	–
cdedomcbcc	ccidomoc	50	1·0	0·3
bcc	cdodo	49		0·1
bc	bc	49	0·0	–
c	cbc	50	*	Tr
	b	45	1·9	–
bbcay	cycbcb	48	1·0	–
c	bc	51		–
cbc	bcc	48	0·0	–
cbc	bcbbc	46	0·3	Tr
cbc	bcc	47	0·7	Tr
bcb	ccycprob	46	0·0	0·3
cdodo	c	51		–
2	d	50	0·0	0·2
cdcdcmocmoc	cidoc	50	0·3	Tr
ccidoc	cbcc	51	2·0	0·1
c	c	51	0·0	–
c	c	52	0·2	Tr
cido	b	52	0·4	Tr
c	br	53	0·7	Tr
bc	c	53	*	Tr

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

Columns 13, 14, 15; 16, 29, 30, 31, 34.
A = Lowest cloud present.
B = Next lowest cloud.
‡ See footnote p. 4.

* Information not usually received.

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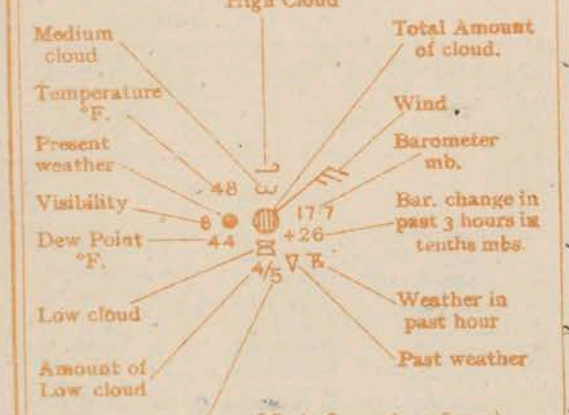
STATION MODEL



Scale 1. : 5,000,000

6h Sunday 21st December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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 ...	cm0	cm0bcb	bcm0w0	52	41	29	Tr	–	0·0	*	*
Croydon ...	cmfo0	efbcm	bcfm	51	38	34	Tr	–	0·0	86	89
Greenwich ...	cido cm	cm	dbwcmf	51	-	-	Tr	Tr	-		
Westminster	*	*	*	53	40	35		–	*	83	90
Regents Park	*	*	*								
Camden Square	0	c	*	52	41	33	–	–	*	*	90
Kensington ...	bc2	bc2	*	52	41	32	–	–	*	93	91
Hampstead ...	0dbc	bc	0	49	38	34	0·2	–		*	94

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 21st: Max. Time Min. Time

LOW

S

F

H I G H

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

GENERAL INFERENCE

A large anticyclone is centred Southwest of Iceland and weak troughs of low pressure are moving Southeast across the British Isles. Weather will continue mild and mainly cloudy but there will be fair periods in many places. There will be occasional rain or drizzle locally. Winds will reach gale force at first in the Northeast.

FURTHER OUTLOOK

Mild weather continuing Mainly cloudy. Occasional drizzle locally.

Gale Warning:-
Warnings of West to Northwest gales are in operation over land areas in the extreme North and the East of Scotland and Northeast England and North Cones are hoisted on all Coasts from Mallaig through the Orkneys to Spurn Head.

Chart of Weather in the Northern Hemisphere.

Morning of Sunday 21st. December 1947

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

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

All times are G.M.T.

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

Sunday 21st December 1947

No. 31440

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (4)	Change in 3 hours. (5)	Wind. Direc (9)	Wind. Force (10)	Weather. (11)	Temp. °F. (12)	Dew Point °F. (13)	Visibility. (14)	Cloud. Form. Low. (15a)	Cloud. Form. Med. (16a)	Cloud. Form. High. (17a)	Cloud. Amount. Total. (18a)	Cloud. Amount. Low. A. (19)	Cloud. Amount. Low. B. (20)	Height of Base Hundreds of feet. A. (21)	Height of Base Hundreds of feet. B. (22)
1	Kew	16						42										
	Croydon	217	34.4	+6	W	2	f	39	38	3	-	-	2	5	5	-	-	-
	S. Farnborough	226	34.5	+4	NW'W	3	m	41	39	4	5	-	-	8	8	-	05	-
	Boscombe Down	417	35.0	+6	W'N	3	b	42	40	7	-	-	1	8	-	-	-	-
	Calshot	8	34.9	+10	NW	2	b	42	40	7	-	-	-	0	0	0	-	-
	Langmere	53	34.4	+12	-	0	m_o	41	41	6	-	-	-	0	0	0	-	-
	Lympne	341	33.0	+14	N'W	4	c	42	40	8	-	-	7	8	8	-	-	-
	Manston	240	32.9	+18	NW	3	m_o	42	41	6	-	-	-	0	0	0	-	-
2	Shoeburyness	11																
	Felixstowe	10	32.0	+14	NNW	3	b	43	40	7	-	-	-	0	0	0	-	-
	Gorleston	5	31.2	+2	WNW	2	m_o	41	38	6	-	-	-	0	0	0	-	-
	Mildenhall	75	33.1	+14	WNW	2	f	36	36	3	-	-	-	0	0	0	-	-
	West Raynham	250	32.0	+6	WNW	3	m	39	38	4	-	-	-	0	0	0	-	-
	Waddington	235	32.6	+10	W'N	3	f	40	38	3	-	-	-	0	0	0	-	-
3	Cranfield	349	33.6	-2	WNW	3	f	42	41	3	-	-	-	0	0	0	-	-
	Honiley	427	34.6	+6	NNW	4	m	43	42	4	5	-	-	8	8	-	06	-
4	Little Rissington	731	34.9	+10	NNW	3	c	42	40	7	6	-	-	6	6	-	08	-
	Defford	58	35.8	+10	-	0	b	40	39	7	6	-	-	1	1	-	35	-
5	Bristol	209	36.1	+10	WNW	2	m_o	37	36	8	-	-	1	2	2	-	-	-
	Hartland Point	199	36.3	+4	N	2	c-b	48	44	8	2	-	-	5	5	-	-	-
	Yeovilton	50																
	Portland Bill	32	34.5	+12	NNE	2	m_o	46	41	6	5	-	-	3	3	-	20	-
	Exeter	100	36.1	+6	NNW	1	bc	42	40	8	-	-	-	4	4	-	-	-
	Plymouth	86	36.6	+10	NNE	1	bc	49	45	7	5	-	-	4	4	-	20	-
	St. Eval	345	37.3	+6	NNE	4	b-bc	48	45	8	-	-	-	3	3	-	18	-
	Lizard	240	36.1	+4	N'E	4	b-bc	49	48	8	-	-	-	3	3	-	25	-
	Guernsey	340	35.2	+6	N'E	3	b-bc	49	47	8	-	-	-	3	1	3	20	57
	Scilly, St. Marys	163	37.9	+2	N	4	b-bc	51	49	8	5	-	-	3	3	-	-	-
6	Fairwood	268	37.2	+16	SW	2	c	44	41	8	5	-	-	8	3	-	20	-
	Pembroke	142	37.8	+6	N	2	b	47	47	7	1	-	-	2	2	-	35	-
	Aberporth	425	38.0	+14	N'E	2	bc	46	44	7	5	-	-	4	4	-	14	-
7	Holyhead (Valley)	32	37.9	+6	NW	3	c	47	43	7	5	-	-	6	6	-	20	-
	Hawarden	15	36.0	+2	NNW	4	bc	46	42	8	5	-	-	4	2	-	18	-
8	Manchester	230	35.3	+6	W	3	m_o	40	40	8	5	-	-	8	8	-	07	-
	Squires Gate	33	35.2	+6	NW'W	4	b	45	41	8	-	-	-	0	-	-	-	-
	Carlisle	100	34.4	0	SW	3	bc	38	36	8	5	3	6	4	3	3	30	-
9	Finningley	28	33.5	+2	WNW	2	m	38	36	4	-	7	-	4	4	-	-	-
10	Spurn Head	20	31.8	+2	WNW	4	m_o	42	41	6	8	-	-	8	0	-	-	-
	Leeming	195	33.4	+12	NW	3	b-bc	39	34	8	-	-	2	3	3	-	-	-
	Tynemouth	108	32.4	-4	WNW	3	bc	43	35	7	5	-	-	4	4	-	18	-
	Acklington	138	32.0	-6	WNW	2	bc	44	34	7	5	-	-	4	4	-	25	-
11	St. Abb's Head	280	30.3	-18	NW	3	z_o	46	39	8	5	-	-	4	3	-	25	-
	Leuchars	31	31.5	-12	WNW	3	c-bc	43	35	8	5	7	-	5	4	-	40	-
	Bell Rock	—	29.9	-18	W'N	6	c-bc	46	36	8	5	7	-	5	-	-	-	-
12	Renfrew	35	34.5	-12	W	2	c	46	42	7	5	2	-	8	4	8	18	-
	Prestwick	30	34.8	-8	SW	2	c	47	43	7	5	-	-	7	7	-	13	-
	Wigtown	19	36.4	-2	NW	2	c	42	40	8	5	-	-	7	7	-	15	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	36.2	+8	WNW	4	c	48	46	8	5	-	-	8	8	-	20	-
13A	Tiree	44	35.2	-6	W'N	4	c	50	48	8	5	-	-	8	8	-	20	-
	Benbecula	37	33.4	-6	W	4	c	49	47	8	5	-	-	8	8	-	15	-
13B	Stornoway	12	31.2	-8	W	4	c	50	46	7	5	-	-	8	8	-	15	-
	Cape Wrath	367	27.8	-14	W	6	c	48	48	8	5	-	-	8	8	-	20	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						46										
	Rattray	46	27.3	-12	WNW	5	c	46	39	7	8	-	-	8	8	-	25	-
	Lossiemouth	21	29.5	-18	WSW	5	r_do	46	43	7	7	-	-	8	8	-	20	40
	Wick	114	26.3	-32	WNW	5	r_o	45	43	7	5	-	-	8	4	8	15	-
16	Hatston	45	25.3	-30	W	5	c/d	48	48	7	5	-	-	8	8	-	15	-
	Lerwick	269	22.9	-16	W'N	4	$r_o r_o$	42	40	7	5	2	-	8	7	-	08	25
17	Blacksod Point †	18	41.7	-2	WNW	3	c	51	43	7	5	-	-	7	-	-	15	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	37.9	-6	W	2	c-bc	48	44	7	5	-	-	5	5	-	25	-
	Cas. Archdale	225	39.2	-4	W	3	c	47	46	8	5	-	-	8	8	-	20	-
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	39.4	+2	WNW	2	b-bc	42	40	8	5	-	-	3	3	-	35	-
20	Rineanna †	13	42.4	+4	W'S	2	c-bc	45	45	8	5	-	-	3	2	-	18	-
	Valentia †	30	42.7	0	N'E	3	b	49	45	8	5	-	-	2	2	-	18	-
	Roches Point †	22	40.5	+6	N	4	b-bc	47	45	8	5	-	-	3	3	-	25	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District.	Stations.	Barom. at M.S.L. mb. (27)	Change in 3 hours. (28)	Wind. Direc (29)	Wind. Force (30)	Weather. (31)	Temp. °F. (32)	Dew Point °F. (33)	Visibility. (34)	Cloud. Form. Low. (35a)	Cloud. Form. Med. (36a)	Cloud. Form. High. (37a)	Cloud. Amount. Total. (38a)	Cloud. Amount. Low. A. (39)	Cloud. Amount. Low. B. (40)	Height of Base Hundreds of feet. A. (41)	Height of Base Hundreds of feet. B. (42)	State of Ground. ++ (43)
1	Kew	34.2	-4	NW'N	2	m_o	43	39	5	5	-	-	8	8	0	30	-	1
	Croydon	34.1	-10	W	2	m_o	42	41	5	5	-	-	8	8	0	5	-	1
	S. Farnborough	34.7	-6	NW'W	3	m_o	43	41	5	5	-	-	8	8	0	11	-	1
	Boscombe Down	35.2	-4	WNW	3	b	39	37	7	-	-	-	8	0	0	-	-	1
	Calshot	35.5	-2	NW	3	m_o	40	40	6	5	-	-	3	3	0	14	-	1
	Langmere	34.3	-2	-	0	m_o	41	41	6	5	-	-	3	3	0	8	-	1
	Lympne	32.7	-6	NW'W	4	qF	38	38	1	-	-	-	9	9	0	-	-	1
	Manston	33.0	-6	WNW	4	f	39	39	2	-	-	-	9	9	0	-	-	1
2	Shoeburyness	33.5	0	WNW	2	m_o	40	39	5	5	-	-	9	7	0	20	-	1
	Felixstowe	32.1	-6	NW'W	3	m_o	40	38	6	-	-	-	7	0	0	-	-	1
	Gorleston	30.7	-12	NNW	3	m_o	41	38	6	5	-	-	6	6	0	20	-	1
	Mildenhall	32.6	-6	WSW	2	F	38	38	1	-	-	-	9	9	0	-	-	1
	West Raynham	31.5	-6	WSW	3	c	37	36	3	5	-	-	9	7	0	30	-	1
	Waddington	31.7	-6	W'SW	3	m	36	35	4	-	-	-	7	0	0	-	-	1
3	Cranfield	33.6	-6	WIN	3	m_o	41	39	5	5	-	-	4	4	0	10	-	1
	Honiley	33.7	-6	NW	3	m_o	44	41	5	5	-	-	8	8	0	11	-	1
4	Little Rissington	34.9	-4	WNW	4	b	41	37	7	-	-	-	0	0	0	-	-	1
	Defford	34.9	-10	W	3	c	39	37	7	5	-	-	8	0	0	20	-	0
5	Bristol	36.1	-2	W	2	b	37	35	7	-	-	-	4	4	0	-	-	1
	Hartland Point	37.1	+4	NNE	3	bc	47	43	8	2	-	-	4	4	0	-	-	1
	Yeovilton																	
	Portland Bill	34.6	-8	NNE	2	b-bc	46	39	7	5	-	-	3	3	0	20	-	1
	Exeter	36.8	+2	-	0	m_o	41	39	6	5	3	8	4	3	0	30	-	1
	Plymouth	37.1	+6	W	2	b	43	41	7	-	-	-	4	0	0	-	-	0
	St. Eval	37.7	+4	N	4	b-bc	46	43	8	-	-	-	3	0	0	15	-	1
	Lizard	37.1	+2	NNE	2	b	43	41	8	-	-	-	3	0	0	-	-	1
	Guernsey	35.7	-4	NE	1	c-bc	47	45	8	5	-	-	5	3	0	25	40	1
	Scilly, St. Marys	38.3	+4	N'E	4	bc	50	46	8	8	-	-	4	4	0	-	-	0
6	Fairwood	36.5	-2	NNE	3	bc	45	43	8	5	-	-	4	4	0	16	-	0
	Pembroke	37.4	+2	NNW	4	b-bc	47	47	7	-	-	-	3	3	0	30	-	1
	Aberporth	37.0	-8	NNW	1	c-bc	47	46	8	8	-	-	5	3	5	17	40	1
7	Holyhead (Valley)	35.8	-14	NW	4	c	49	46	7	5	-	2	6	5	4	37	-	0
	Hawarden	34.6	-10	WNW	4	c	48	45	7	5	-	-	8	8	0	80	-	1
8	Manchester	34.1	-8	WIN	2	r_do	45	44	7	5	-	-	8	8	0	8	-	1
	Squires Gate	34.0	-10	SW	2	b-bc	46	44	7	5	-	-	3	3	0	9	-	0
	Carlisle	31.0	-24	WSW	4	bc	46	44	7	5	-	-	4	4	0	20	-	1
9	Finningley	31.7	-12	W	1	m	38	34	4	-	7	-	5	3	0	-	-	0
10	Spurn Head	30.5	-14	WIN	4	m_o	41	37	5	5	-	-	3	3	0	-	-	0
	Leeming	30.8	-16	W	2	b	45	40	8	-	4	-	2	2	0	-	-	1
	Tynemouth	29.2	-16	NW	3	bc	46	40	7	5	-	-	4	4	0	18	-	1
	Acklington	28.5	-16	W	5	bc	44	40	7	5	-	-	4	4	0	30	-	0
11	St. Abb's Head	25.7	-30	NW	5	q	51	47	8	5	-	-	5	5	0	25	-	0
	Leuchars	26.8	-22	NW	5	c	52	40	8	-	7	-	8	8	0	-	-	0
	Bell Rock	25.6	-22	WNW	6	c	50	43	8	4	2	-	8	2	0	15	-	*
12	Renfrew	30.2	-22	W	4	bc	51	43	7	5	-	-	4	4	0	18	-	1
	Prestwick	32.1	-16	WNW	4	m_o	50	44	6	5	-	-	7	4	7	20	40	1
	Wigtown	33.3	-14	WNW	4	bc	49	45	8	5	7	-	4	3	5	18	-	1
	Eskdalemuir	29.6	-50	WIN	3	c-bc	47	39	8	5	-	-	5	5	0	28	-	0
	Point of Ayre	33.6	-16	SW	4	c-bc	50	48	8	5	-	-	5	5	0	15	-	0
13A	Tiree	33.9	-6	WNW	6	c	50	44	8	5	-	-	8	8	0	20	-	1
	Benbecula	31.4	-10	W	5	c	49	45	8	5	-	-	8	8	0	18	-	0
13B	Stornoway	27.9	-16	W	5	c	50	44	7	5	-	-	8	8	0	15	-	1
	Cape Wrath	22.8	-26	WSW	7	pr	49	45	8	8	-	-	6	6	0	15	-	1
15	Dalwhinnie																	
	Aberdeen	24.8	-24	W	4	b-bc	51	41	8	5	-	9	3	2	3	35	-	1
	Rattray	27.6	-16	WNW	6	c	50	43	7	-	-	-	4	4	0	25	-	0
	Lossiemouth	26.0	-14	W	6	bc	50	44	7	-	-	-	4	4	0	30	-	0
	Wick	22.4	-18	WNW	8	c/pr	50	46	7	-	-	-	5	5	0	15	40	1
16	Hatston	19.8	-26	WIN	6	c/d	49	48	7	5	-	-	8	8	0	10	-	1
	Lerwick	14.6	-40	WNW	7	d_od_o	47	47	6	5	-	-	8	8	0	8	-	1
17	Blacksod Point †	40.5	-6	WNW	2	c	50	42	7	5	-	-	8	8	0	25	-	0
18	Malin Head †	35.6	-18	NW	5	c	50	46	7	5	-	-	8	8	0	25	-	0
	Aldergrove	36.2	-12	W	3	c	47	44	7	5	-	-	5	5	0	25	-	0
	Cas. Archdale	37.9	-8	NW	4	c	48	44	8	5	-	-	8	8	0	20	-	1
19	Birr Castle †	38.5	0	NW	1	c	47	40	8	5	-	-	8	8	0	25	-	1
	Collinstown †	38.0	-10	WIN	3	c	46	42	8	5	-	-	8	8	0	40	-	1
20	Rineanna †	41.0	-18	NW	2	c	47	43	8	5	-	-	8	8	0	24	-	1
	Valentia †	41.8	-6	N	2	c	50	39	8	5	-	-	8	8	0	40	-	1
	Roches Point †	40.1	-10	N	4	b	46	41	8	5	-	-	8	2	0	25	-	1

OBSERVATIONS Saturday NIGHT

Stations.	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (42)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	bbc m_o N	bcc m_o w	41	29	-
Croydon	bcmc fbcf	cfcm	38	34	-
S. Farnborough	$_o$mw$_o$cmw	$_o$m$_o$	39	32	Tr
Boscombe Down	$_o$mw$_o$b	bw	35	29	Tr
Calshot	$_o$m$_o$b$_o$mb	bm$_o$cm$_o$w	37	34	-
Langmere	$_o$m$_o$	$_o$m$_o$cm$_o$	41	33	-
Lympne	cm$_o$wbcm$_o$wc	cwbwcm$_o$	38	33	Tr
Manston	cbm$_o$	bm$_o$Fe	39	36	Tr
Shoeburyness	bm$_o$	ca$_o$m$_o$cm$_o$	38	26	0.1
Felixstowe	cbcb	b$_o$bm$_o$w	37	35	Tr
Gorleston	bz$_o$	cz	38	*	0.1
Mildenhall	bFebf	bm$_o$Fe	32	29	Tr
West Raynham	cbm$_o$	bm$_o$bf	36	30	-
Waddington	bm$_o$mf	bf$_o$bm	35	30	-
Cranfield	bm$_o$bcm$_o$f	bf$_o$fcmcm$_o$	40	*	-
Honiley	bmbcmcm	bm$_o$m$_o$	41	38	-
Little Rissington	bcm$_o$bm$_o$b	cbcb	41	41	-
Defford	bcb	bbcc bc	34	27	-
Bristol	cm$_o$mm$_o$bm$_o$	bm$_o$b	35	25	-
Hartland Point	bccbc	bc	45	43	-
Yeovilton					
Portland Bill	bcbc	bcbc	44	*	-
Exeter	cbc	bcwx bcm$_o$w	38	28	-
Plymouth	cbc	bcb	43	34	-
St. Eval	c$_o$d$_o$m$_o$cbc	bcbbc	46	42	Tr
Lizard	cbc	bcb	43	*	-
Guernsey	bc	bcc	41	40	-
Scilly, St. Marys	cbc	wbbc	49	*	-
Fairwood	bcb	bcbc	40	32	-
Pembroke	bc	bcbc	46	*	0.1
Aberporth	bccbc	bcc	45	41	-
Holyhead (Valley)	bcc	c	44	36	-
Hawarden	bbc	bac	44	25	-
Manchester	cfcm$_o$	bccid$_o$	39	31	Tr
Squires Gate	bm$_o$bbw	bwcwbcw	44	39	-
Carlisle	bc	bcbc	37	31	-
Finningley	bcm$_o$m	bcmcm	37	29	Tr
Spurn Head	bm$_o$	bcm$_o$	40	*	-
Leeming	bcbbc	bbcb	38	30	-
Tynemouth	bcm$_o$bc	bc	41	38	-
Acklington	cbc	bcbbccbc	41	40	-
St. Abb's Head	bcm$_o$	cm$_o$qcq	44	*	-
Leuchars	bcyc	cbcc	44‡	35	-
Bell Rock	c	c	*	*	*
Renfrew	bcc	bccbc	43	40	-
Prestwick	cwbcc	c	45	40	-
Wigtown	bbcc	cbc	40	32	-
Eskdalemuir	bcybc	bc	41	37	-
Point of Ayre	c	c	47	*	-
Tiree	cid$_o$c	c	47	46	-
Benbecula	cd$_o$d$_o$o	o	49	47	-
Stornoway	bcc	bcc	46	45	0.1
Cape Wrath	fo	cp$_o$r	46	39	-
Dalwhinnie			35	30	-
Aberdeen	bbccbc	bcc bc	44	39	-
Rattray	cc	cc	39	*	-
Lossiemouth	cd$_o$d$_o$	bcbbc	42	39	-
Wick	cor$_o$r$_o$	o$_o$r$_o$bcp$_o$	45	43	Tr
Hatston	cir$_o$d$_o$d$_o$m$_o$c	cir$_o$d$_o$d$_o$m$_o$c	44	44	3
Lerwick	ccr$_o$r$_o$	cr$_o$m$_o$d$_o$m$_o$	41	36	8
Blacksod Point †	c	c	46	*	-
Malin Head †	c	c	48	*	-
Aldergrove	cbcc	c	45	43	-
Cas. Archdale	ccid$_o$c	c	44	40	-
Birr Castle †	*	c	45	42	-
Collinstown †	b	c	40	34	-
Rineanna †	c	c	41	40	-
Valentia †	bc	c	43	34	Tr
Roches Point †	bc	bc	45	*	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

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

Monday 22nd December 1947 — No. 31441

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

Distance	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp °F (6)	Dew Point °F (7)	Visibility. (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	31·6	-18	WNW	4	20	49	42	6	-	-	2	5	5	-	-	-
	Croydon	32·0	-16	W	3	m	46	43	4	-	-	8	5	5	-	-	-
	S. Farnborough	32·8	-10	W'N	3	bc	47	42	7	1	-	2	4	1	4	10	-
	Buscombe Down	33·2	-14	WSW	3	bc	47	41	7	5	-	-	4	4	-	35	-
	Calshot	33·6	-14	NW	1	mo	46	41	6	-	7	2	3	3	1	-	-
	Tangmere	32·0	-12	NW	3	mo	46	42	6	-	-	1	4	4	-	-	-
	Lympne	30·1	-14	NW'N	4	mo	47	43	5	5	-	2	6	1	6	10	-
	Manston	30·6	-12	WNW	4	mo	43	42	5	-	-	2	5	5	-	-	-
2	Shoeburyness	30·5	-16	NW'W	3	mo	47	43	6	-	-	2	4	4	-	-	-
	Felixstowe	29·3	-12	NW	5	mo	43	42	6	5	4	-	5	4	3	25	-
	Gorleston	27·4	-22	NW	4	mo	46	41	6	5	7	2	4	3	2	25	57
	Mildenhall	28·7	-28	W	4	mo	41	45	6	-	-	2	5	5	-	-	-
	West Raynham	28·4	-18	W	4	mo	46	42	6	-	3	2	4	2	3	-	-
	Waddington	29·0	-22	W	4	mo	48	43	5	-	4	2	4	2	4	-	-
3	Cranfield	31·1	-10	W	3	mo	47	43	6	5	-	2	5	5	3	25	-
	Honiley	31·2	-20	WNW	4	mo	47	44	6	5	-	-	7	7	-	20	-
4	Little Rissington	32·2	-16	WNW	4	cbc	46	41	8	5	4	2	5	3	4	25	-
	Defford	33·0	-14	W	3	bc	51	43	8	5	-	2	4	3	4	25	-
5	Bristol	34·1	-16	W	4	mo	47	45	6	5	3	1	5	5	3	35	-
	Hartland Point	35·9	+12	NW	3	bc	50	43	8	1	3	3	4	2	3	-	-
	Yeovilton																
	Portland Bill	33·8	-8	NE	4	mo	49	42	6	5	-	-	4	4	-	20	-
	Exeter	35·8	-14	NW	4	c	49	45	7	7	-	8	7	3	5	20	25
	Plymouth	37·0	-4	NW	2	mo	51	47	6	5	-	-	4	4	-	20	-
	St. Eval	37·5	-6	NNW	4	bc	51	46	8	5	-	-	2	1	4	25	-
	Lizard	37·9	+6	N	3	bc	51	47	8	2	-	-	2	2	3	25	-
	Guernsey	36·1	-2	NNW	3	bc	49	45	8	5	7	6	4	3	3	16	40
	Scilly, St. Marys	39·3	+8	N'W	4	bbc	52	48	8	5	-	1	3	3	1	16	-
6	Fairwood	36·1	-6	NW	5	bc	50	45	8	1	4	2	4	4	2	10	-
	Pembroke	36·9	-6	NW	5	9	50	46	7	2	4	2	4	3	3	30	-
	Aberporth	36·1	-6	NW	4	cbc	48	43	8	5	7	1	5	4	4	35	-
	Holyhead (Valley)	35·1	-6	WNW	4	c	49	42	8	8	-	-	7	2	7	30	40
	Hawarden	32·7	-8	NW	5	cbc	50	44	7	8	-	3	6	4	2	10	-
8	Manchester	31·4	-10	WNW	4	mo	49	43	6	5	-	-	6	7	3	4	10
	Squires Gate	32·2	-8	WNW	5	c	48	44	7	5	-	-	9	7	3	5	8
	Carlisle	28·8	-12	WNW	2	c	49	41	9	5	-	-	-	7	7	-	9
9																	
	Finningley	29·10	-16	NW	3	mo	50		6	5	7	2	5	4	4	40	-
10	Spurn Head	27·3	-18	WNW	6	mo	46	44	6	5	-	-	5	5	-	-	-
	Leeming	28·3	-14	NNW	5	cbc	51	41	8	5	4	-	5	5	-	20	-
	Tynemouth	26·7	-18	WNW	4	q	50	40	6	5	4	2	5	3	3	20	72
	Acklington	25·5	-18	W	5	bc	50	40	8	5	4	-	4	4	4	30	-
11	St. Abb's Head	24·6	0	NW	5	q	49	45	7	5	-	-	5	5	-	25	-
	Leuchars	25·1	-10	W	4	c	50	39	8	5	7	9	8	4	5	40	-
	Bell Rock	25·6	0	W'N	5	c	51	40	8	8	7	9	7	2	-	25	-
12	Renfrew	28·8	-6	WNW	5	c	50	42	7	5	7	-	6	4	4	20	-
	Prestwick	30·2	-10	WNW	4	c	50	39	8	5	7	2	6	1	4	15	40
	Wigtown	31·7	-8	NW	5	c-bc	49	41	8	5	7	-	5	3	4	22	40
	Eskdalemuir	27·5	-12	E	3	cbc	48	37	8	5	3	6	5	4	2	22	-
	Point of Ayre	31·8	-12	NW'W	6	c/pr	48	46	8	5	-	-	6	3	6	10	25
13A	Tiree	31·4	-16	WNW	6	cbc	49	43	7	5	7	6	5	2	4	15	25
13B	Benbecula	28·9	-14	W	7	c	49	45	8	5	3	-	8	1	7	18	-
	Stornoway	25·4	-16	W	7	c	50	44	7	5	-	-	8	8	-	25	-
15	Cape Wrath	20·5	-16	WSW	8	0	48	46	8	8	-	-	8	8	-	15	-
	Dalwhinnie																
	Aberdeen	22·2	-12	W	4	cbc	51	38	7	5	7	8	5	1	4	20	40
	Rattray	19·5	-2	WNW	7	c-bc	50	41	7	8	-	-	5	1	4	25	-
	Lossiemouth	23·9	-14	W	7	c	51	41	8	5	-	-	8	4	6	25	40
	Wick	19·7	-14	WNW	8	c	49	44	7	5	-	-	8	4	8	20	40
16	Hatston	17·6	-16	W	8	dc	49	46	6	5	3	-	7	5	4	10	-
17	Lerwick	10·1	-24	WNW	9	ic	48	47	6	5	2	-	8	5	8	4	15
18	Blacksod Point †	33·3	-10	W	4	pro	49	45	7	9	-	-	7	7	-	25	-
	Malin Head †	34·4	-10	NW	4	fd	48	44	7	8	-	2	4	1	-	25	-
	Aldergrove	34·2	-14	W	5	cbc	46	42	8	5	3	-	5	3	5	10	-
	Cas. Archdale	36·5	-8	W	4	cbc	45	43	8	5	-	2	5	1	4	10	15
19	Birr Castle †	38·0	-6	NW	1	c	50	43	8	5	1	-	7	5	-	25	-
	Collinstown †	36·5	-14	W'N	3	c	47	40	8	5	-	2	6	3	-	20	-
20	Rineanna †	40·6	-2	WNW	3	c/p	48	44	9	5	6	3	7	4	-	38	-
	Valentia †	41·3	-6	NW'W	3	c	50	39	8	5	-	-	7	4	-	31	-
	Roches Point †	40·3	-2	N	3	c	49	45	8	5	-	-	6	6	-	25	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1900.

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

Distance	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp °F (22)	Dew Point °F (23)	Visibility. (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ‡ 0–9 (33)
1	Kew	28·9	-4	NW	3		49	36	6	5	-	-	8	3	8	21	40	1
	Croydon	30·3	-2	WNW	4		48	39	4	5	-	-	8	8	-	27	-	1
	S. Farnborough	30·5	-6	WNW	3		48	41	6	5	-	-	8	8	-	32	-	1
	Buscombe Down	31·1	0	W'N	3		47	39	6	5	-	-	7	7	-	30	-	0
	Calshot	31·7	-4	W	4	mo	47	43	6	5	-	-	7	5	-	30	-	0
	Tangmere	30·1	-2	WNW	3	mo	48	44	6	5	-	-	6	6	-	30	-	1
	Lympne	28·2	-10	WNW	4	mo	46	41	6	5	7	-	8	5	8	21	-	1
	Manston	27·9	-8	WNW	4	mo	46	43	6	5	7	-	5	4	4	35	-	1
2	Shoeburyness	28·5	-6	WNW	3		48	41	6	5	-	-	6	6	-	35	-	1
	Felixstowe	26·7	-14	NW	5	mo	48	43	6	5	-	-	8	8	-	45	-	1
	Gorleston	24·5	-14	NW	5	mo	48	42	6	5	7	-	6	4	4	20	72	0
	Mildenhall	26·6	-10	W'N	3	mo	47	43	6	5	-	-	8	3	8	20	40	1
	West Raynham	25·7	-10	WNW	4	mo	45	40	6	5	-	-	7	4	8	48	-	1
	Waddington	27·3	-8	WNW	4	mo	46	40	6	5	-	-	8	7	8	25	40	0
3	Cranfield	27·1	-2	WNW	3	c	47	38	7	5	-	-	8	8	-	29	-	0
	Honiley	29·4	-6	WNW	4		47	38	6	5	-	-	7	3	7	11	40	1
4	Little Rissington	30·4	-6	NW	5	c	45	34	8	5	-	-	7	7	-	20	-	1
	Defford	31·0	-4	WNW	2	c	48	38	8	5	-	-	6	4	6	20	40	0
5	Bristol	32·0	-4	NW	3	c	47	37	8	5	-	-	6	4	6	20	-	1
	Hartland Point	34·4	-4	W	2	c	49	41	8	5	-	-	6	4	6	20	-	1
	Yeovilton																	
	Portland Bill	31·9	0	NNE	4	mo	49	46	6	5	-	-	6	6	-	10	-	1
	Exeter	33·9	-2	NW	4	c	48	36	8	5	-	-	8	4	8	25	40	0
	Plymouth	34·9	-4	NW	3	c	49	39	7	5	-	-	8	4	8	12	25	0
	St. Eval	36·4	-2	NNW	5	c	48	39	8	5	-	-	8	8	-	40	-	0
	Lizard	35·8	-2	N	3	c	47	40	8	5	-	-	8	8	-	20	-	0
	Guernsey	33·8	-6	NW'N	4	c	49	46	8	5	-	-	7	3	7	10	25	1
	Scilly, St. Marys	37·0	-6	N	5	c	49	47	8	5	-	-	7	7	-	-	-	0
6	Fairwood	33·5	-6	NW'N	5	c	46	41	8	5	-	-	7	6	-	43	-	0
	Pembroke	34·0	-10	NW	5	c-bc	49	45	7	5	-	-	7	6	-	25	-	1
	Aberporth	34·0	-10	NW'N	4	c	48	43	7	5	-	-	7	4	7	20	40	1
	Holyhead (Valley)	32·7	-6	NW	4	c	48	42	7	5	-	-	6	4	-	20	-	0
	Hawarden	30·4	-2	WNW	4	c	48	42	7	5	-	-	7	4	7	21	40	1
8	Manchester	29·4	-4	WNW	6	c/o	46	42	7	6	-	-	7	4	7	21	-	1
	Squires Gate	29·5	-14	WNW	5	c	47	43	7	5	-	-	7	4	7	15	25	1
	Carlisle	26·0	-14	WNW	4	c	45	40	8	5	-	-	8	4	5	8	25	1
9																		
	Finningley	27·1	-2	WNW	4		47	40	6	5	-	-	5	5	-	40	-	0
10	Spurn Head	24·6	-16	WNW	5		46	42	7	5	-	-	8	8	-	25	-	0
	Leeming	26·4	-6	WNW	4		47	45	8	5	-	-	7	6	-	-	-	0
	Tynemouth	24·5	-8	W	4	q	47	37	6	5	-	-	6	6	-	18	-	1
	Acklington	23·8	-10	W'N	3	c	46	39	7	5	-	-	6	6	-	30	-	0
11	St. Abb's Head	21·6	+8	NW	5	q	48	44	7	5	-	-	5	5	-	25	-	0
	Leuchars	22·6	-4	WNW	5	bc	47	36	8	5	7	9	5	3	3	35	-	0
	Bell Rock	22·7	-12	W'N	5	c	48	39	8	5	4	9	6	1	-	25	-	0
12	Renfrew	26·2	-12	W	4	c/r	47	40	7	5	7	-	7	4	3	25	-	0
	Prestwick	26·7	-16	NNW	4	c-bc	47	45	7	5	-	-	5	5	5	18	40	0
	Wigtown	29·0	-8	NW	5	bc	47	42	8	5	-	-	4	3	4	20	40	0
	Eskdalemuir	23·0	-26	NW'W	6	c-bc	45	37	8	5	-	-	5	4	4	21	-	0
	Point of Ayre	29·2	-10	NW'W	6	q	49	45	8	5	-	-	8	4	3	10	15	0
13A	Tiree	28·2	-12	WNW	7	cbc	49	41	7	8	-	-	5	5	2	15	25	1
13B	Benbecula	25·8	-10	W'N	6	c-bc	49	45	7	5	-	-	5	4	2	19	-	1
	Stornoway	23·0	-6	NW	7	c	50	45	7	5	-	-	5	5	2	25	-	0
15	Cape Wrath	16·4	-20	WSW	8	cro	48	45	7	5	-	-	8	8	-	15	-	0
	Dalwhinnie	24·0	-10	NW	4	pro	43	35	7	5	-	-	8	8	-	10	-	1
	Aberdeen	19·3	-18	W'N	5	mo	50	37	6	5	-	-	8	2	7	20	40	1
	Rattray	15·1	-24	WNW	7	c	49	41	7	5	-	-	8	8	-	25	-	0
	Lossiemouth	10·7	-16	W	7	c	49	44	7	5	-	-	7	3	5	12	25	1
	Wick	16·1	-18	WNW	9	c	49	45	7	5	-	-	7	4	7	17	40	1
16	Hatston	14·0	-12	WNW	8	dcdc	49	47	6	5	-	-	8	5	8	11	15	1
17	Lerwick	08·2	-4	WNW	8	r/pr	47	40	7	5	7	-	8	5	7	11	25	1
18	Blacksod Point †	36·2	-10	W'N	4	c/pr	48	44	7	5	-	-	7	5	-	15	-	1
	Malin Head †	30·5	-14	NW'W	5		48	44	8	5	-	2	5	4	-	25	-	1
	Aldergrove	31·2	-10	W'N	4	bc	45	43	8	5	-	-	4	4	-	25	-	1
	Cas. Archdale	33·0	-14	W	4	bc	45	43	8	5	-	-	4	4	-	20	-	1
19	Birr Castle †	35·8	-6	NW	1	bc	44	40	8	5	-	-	4	4	-	25	-	1
	Collinstown †	33·6	-10	W'N	4	c	45	41	8	5	-	-	7	7	-	40	-	1
20	Rineanna †	37·7	-10	W'N	4	c	45	45	8	5	6	6	7	5	-	16	-	1
	Valentia †	39·3	-6	NW	3	c/pr	47	43	8	5	-	-	7	5	-	17	-	1
	Roches Point †	37·6	-4	N'W	3	bc	46	44	8	5	-	-	4	4	-	15	-	1

OBSERVATIONS during DAY (21st)

Distance	Stations	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	cwbcmo	bccllozo	51	1·7	-
	Croydon	cm	cmzbcm2c2	49	0·8	-
	S. Farnborough	cmobc	bccmo	50	3·3	-
	Buscombe Down	bbccbc	bccmo	49	1·9	-
	Calshot	bcmobcc	cbcmo	*	3·2	-
	Tangmere	bmocbc	bcmoc	50	3·0	-
	Lympne	ofcmo	bcmocmcmo	48	1·7	-
	Manston	cmcmo	cmobcmo	47	2·2	Tr
2	Shoeburyness	cmobcmo	bcmocmo	50	2·9	-
	Felixstowe	ompwbc	bcmocmo	49	2·9	-
	Gorleston	cmbcz	czo	49	3·7	-
	Mildenhall	ofcmo	cmo	49	2·1	Tr
	West Raynham	cmbcmo	bcmoczo	48	3·6	-
	Waddington	chmocmo	czocmo	50	2·9	-
3	Cranfield	bcmocmo	cmoc	48	1·5	-
	Honiley	cldomoc	cmozoc	49	0·1	Tr
4	Little Rissington	c	c	48	2·3	-
	Defford	cbc	bcc	51	1·4	-
5	Bristol	bcxcmo	cmoczoc	50	1·1	-
	Hartland Point	bc	c	50	3·9	-
	Yeovilton					
	Portland Bill	cbczo	cc	51	*	-
	Exeter	cwc	c	51	3·3	-
	Plymouth	bcbcmo	bczocz	53	4·6	-
	St. Eval	bccbc	bccvc	51	3·5	-
	Lizard	cbc	c	51	5·6	-
	Guernsey	cbc	c	50	3·0	-
	Scilly, St. Marys	bccbc	bcc	53	5·8	-
6	Fairwood	bccbc	bcc	50	3·3	Tr
	Pembroke	bcbc	ccq	50	1·7	-
	Aberporth	cbcc	c	48	0·8	-
	Holyhead (Valley)	c	c	49	0·7	-
	Hawarden	bcmoc	c	51	1·2	-
8	Manchester	cldobcmo	cmoecdomo	49	0·6	0·2
	Squires Gate	bccwbcc	cdDidc	49	1·0	1
	Carlisle	c	c	49	*	-
9						
	Finningley	bcmocmoc	czzo	51	1·0	-
10	Spurn Head	cmo	cq	47	2·1	-
	Leeming	bcc	c	51	*	-
	Tynemouth	bccmoq	cmoq	50	*	-
	Acklington	cbc	bcc	51	0·0	-
11	St. Abb's Head	cq	cq	51	*	-
	Leuchars	cy	ec	53	1·0	-
	Bell Rock			*	*	-
12	Renfrew	bcc	cwabc	50	0·0	Tr
	Prestwick	c	cccl$_o$	51	*	Tr
	Wigtown	cbc	bccbc	49	*	0·1
	Eskdalemuir	bcc	c	50	0·2	-
	Point of Ayre	cpro	c	50	0·3	Tr
13A	Tiree	c	cwabccc	51	0·8	0·4
13B	Benbecula	oc	c	50	*	Tr
	Stornoway	c	c	50	0·0	0·1
15	Cape Wrath	co	cboc	52	*	Tr
	Dalwhinnie		cbro	47	0·0	2
	Aberdeen	c	cq	51	0·1	-
	Rattray	c	cc	51	*	-
	Lossiemouth	bcc	cqjpcpro	51	0·0	-
	Wick	c	cj	50	0·0	0·1
16	Hatston	cdodomo	ccdodomo	48	0·0	1
17	Lerwick	cdomocmo	cromoc	48	0·0	0·4
18	Blacksod Point †	prio	cprc	50	*	-
	Malin Head †	cld	d	50	1·3	1
	Aldergrove	ccidoc	cbc	48	0·2	Tr
	Cas. Archdale	dbccldoc	bc	48	2·9	Tr
19	Birr Castle †	c	bc	50	0·8	-
	Collinstown †	c,	cdoc	48	1·4	Tr
20	Rineanna †	cjp	cprc	51	2·7	Tr
	Valentia †	c	pr	50	0·5	0·3
	Roches Point †	c	cbc	50	*	Tr

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

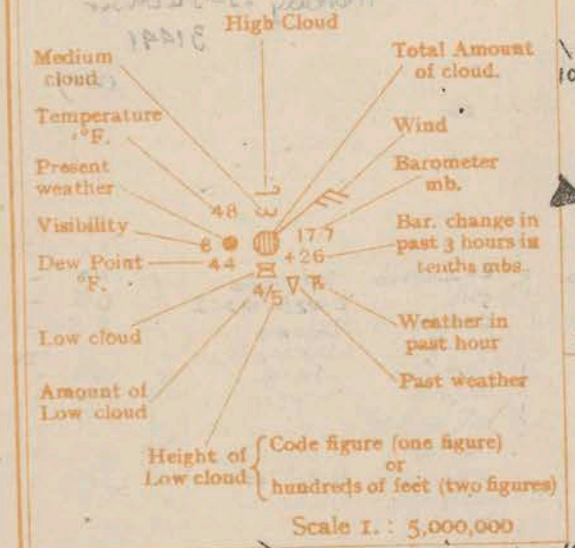
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Monday 22nd December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs. Yesterday	15h % Yesterday	21h % To-day
				°F.	°F.	°F.	mm.	mm.			
Kew	wbcwlo	bccwo3o	c2oc	51	47	45	—	—	1·7	*	*
Croydon	cw	cw2bcw2c	c2oc	49	46	45	—	—	0·8	79	69
Greenwich	cbcw	bccw	cwwlo	49	46	42	—	—	—	71	73
Westminster	*	*	*	52	42	41	—		*	81	85
Regents Park	*	*	*	50	42	40	—	—		78	73
Camden Square	c	c	*	51	43	34	—	—	*	*	77
Kensington	bc	cbcc	*	51	47	44	—	—	*	75	77
Hampstead	bc	c	bc	49	45	39	—	—		*	80

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 22nd Max. 0.4 15-16hrs 21st. < 0.1 09-14hrs 20th

HMSO Press, M.O. Cunnable

GENERAL INFERENCE

A weakening anticyclone persists to Southwest of Ireland while various disturbances are moving across North Scotland and the North Sea. Weather will be generally cloudy with periods of rain or drizzle in Scotland chiefly in North. Elsewhere it will be rather cloudy with some fair periods but with drizzle locally on hills.
Mild.

FURTHER OUTLOOK

Continuing mild and rather cloudy in most districts but becoming colder in North Scotland with snow showers on hills. Colder conditions possibly spreading to South Scotland.

Chart of Weather in the Northern Hemisphere.

Morning of

Monday 22nd December.

1947

Clark's Projection Scale 1 inch = 10° along meridian at 55° N.
Statute Miles 0 1 2 3 4 5

EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character-istics 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.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 22nd December 1947

No. 31441

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

District	Stations.	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew ...	16						48										
	Croydon ...	217	28·2	-10	W	4	20	47	36	6	5	-	-	8	5	8	25	40
	S. Farnborough	226	28·8	-6	W'N	3	20	47	39	6	5	-	-	8	8	-	35	-
	Boscombe Down	417	29·6	-10	W'S	4	C	45	38	7	5	-	-	6	6	-	31	-
	Calshot ...	8	30·6	-4	W'S	3	Cbc	46	39	7	5	-	-	5	5	-	45	-
	Tangmere ...	53	29·1	-8	W	2	C	46	41	7	5	-	-	7	7	-	30	-
2	Lympne ...	341	26·8	-4	W'N	3	mo	45	39	6	5	-	-	4	4	-	25	-
	Manston ...	140	26·2	-8	WNW	4	Mo	45	41	6	5	-	-	4	4	-	50	-
	Shoeburyness	11																
	Felixstowe ...	10	24·4	*6	WNW	4	bc	46	42	7	5	-	-	4	1	4	10	40
	Gorleston ...	5	23·0	-6	NW	4	bbc	44	39	7	7	-	-	3	3	-	80	-
3	Mildenhall	15	25·1	-8	W	4	Mo	46	41	6	5	-	-	5	5	-	38	-
	West Raynham	250	24·0	-8	WNW	4	Mo	43	39	6	1	4	-	2	-	-	-	-
	Waddington	235	24·9	-14	W'N	3	Mo	43	38	6	1	-	-	1	1	-	-	-
	Cranfield ...	340	26·7	-10	W'N	3	Mo	47	37	7	5	-	-	8	8	-	36	-
	Honiley ...	427	27·7	-10	WNW	4	Mo	46	40	6	5	-	-	8	8	-	32	-
4	Little Rissington	731	28·7	-8	WNW	4	C	44	36	8	5	-	-	7	7	-	27	-
	Defford ...	58	29·2	-8	W	H10 23	C	48	39	8	5	9	4	7	7	-	43	-
5	Bristol ...	200	30·7	-6	WNW	4	C	47	38	7	5	-	-	7	7	-	31	-
	Hartland Point	299	33·0	-8	NW	4	C	49	41	8	5	-	-	6	6	-	25	-
	Yeovilton	50																
	Portland Bill	32	30·3	-8	NNE	5	C	50	46	7	5	-	-	6	6	-	10	-
	Exeter ...	100	32·8	-6	NW	4	C	48	38	8	5	-	-	8	4	8	38	40
	Plymouth ...	86	34·4	+6	NW	3	20	49	40	6	5	-	-	8	8	-	15	-
	St. Eval ...	345	35·3	-6	NNW	4	C	48	38	8	5	-	-	8	8	-	32	-
	Lizard ...	240	33·9	-2	NW'N	3	C	48	39	8	5	-	-	8	8	-	20	-
	Guernsey ...	346	33·3	-4	NNW	5	C	48	41	8	5	7	-	8	8	4	16	25
6	Scilly, St. Marys	163	36·4	-4	NW'N	4	C	49	40	9	5	-	-	8	8	-	15	-
	Fairwood ...	268	32·0	-8	NW	5	C	46	42	7	5	-	-	8	7	-	40	-
	Pembroke ...	142	33·2	-7	NW	6	Cbc	48	47	9	5	-	-	7	8	-	25	-
	Aberporth ...	425	32·3	-8	NW	5	C	46	43	8	5	7	-	8	5	8	29	-
7	Holyhead (Valley)	32	30·7	-6	WNW	5	C	47	45	8	5	-	-	7	4	7	20	40
	Hawarden	15	28·4	-10	WNW	6	C	48	42	7	5	-	-	8	4	8	27	40
8	Manchester	230	26·7	-14	W'N	6	dodo	46	43	7	5	-	-	8	4	8	13	25
	Squires Gate	33	27·5	-4	WNW	5	bbdd	46	43	7	5	-	-	3	3	3	12	25
	Carlisle	100	24·8	-2	W	4	iRo	45	40	8	5	-	-	8	8	-	25	-
9	Finningley	28	24·8	-10	WNW	3	b	45	42	7	-	4	-	1	-	-	-	-
10	Spurn Head	29	23·0	-10	WNW	6	Cbc	45	42	7	5	-	-	5	5	-	40	-
	Leeming	105	23·6	-14	WNW	4	b	45	39	8	5	-	-	5	1	-	25	-
	Tynemouth	108	22·2	-10	W	4	bbc	46	36	7	5	-	-	3	3	-	20	-
11	Acklington	138	21·1	-16	WNW	5	bbc	46	38	8	5	-	-	3	3	-	30	-
	St. Abb's Head	280	18·7	-14	NW	5	bcq	47	43	7	5	-	-	4	4	-	30	-
	Leuchars ...	37	19·3	-10	WNW	3	bc	46	38	8	4	9	4	3	3	-	30	-
	Bell Rock ...	267	19·6	-16	W'S	6	bbc	47	39	8	8	-	-	3	3	-	25	-
12	Renfrew	35	23·9	-10	WSW	3	iRo	48	41	7	5	7	-	6	5	3	30	-
	Prestwick ...	30	28·0	-2	WNW	4	C	48	44	8	5	-	-	7	2	6	15	40
	Wigtown	19	26·0	-20	WNW	5	bbc	44	41	8	5	-	-	3	1	3	20	25
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	27·3	-12	NW'W	5	Cir	48	46	8	5	-	-	7	4	4	15	25
13A	Tiree ...	44	26·5	-6	WNW	6	bc	48	45	7	3	-	-	8	3	3	15	-
	Benbecula ...	27	29·3	-12	WNW	5	dodo	48	44	7	5	2	-	8	3	8	18	-
13B	Stornoway ...	12	21·8	0	W	7	C	49	44	7	5	7	-	7	4	6	25	-
	Cape Wrath	367	16·8	+6	WSW	8	O	48	44	8	6	-	-	8	8	-	15	-
15	Dalwhinnie	1176																
	Aberdeen ...	79						50										
	Rattray ...	46	13·5	-12	WNW	7	iR.	48	45	7	8	-	-	7	7	-	25	-
	Lossiemouth	21	18·7	-4	W	7	C	49	45	7	5	-	-	7	4	4	20	25
	Wick ...	114	15·1	-2	NW	8	RoRo	48	47	7	5	-	-	8	5	8	15	25
16	Hatston ...	45	14·0	+10	NW	6	RoRo	47	45	6	5	-	-	8	5	8	10	15
	Lerwick ...	269	09·2	+6	NNW	5	RoRo	42	37	7	6	2	-	8	5	8	12	25
17	Blacksod Point †	18	34·5	-10	W	4	qRqR	48	44	7	8	-	-	7	7	-	14	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	29·8	-6	W	3	iRo	46	44	7	5	-	-	6	3	6	10	25
	Cas. Archdale	225	31·5	-6	W	4	bbc	46	42	8	5	4	-	3	2	3	15	40
19	Birr Castle ... †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	32·3	-6	W	4	c/d	43	41	8	5	-	-	7	7	-	35	-
20	Rineanna ... †	13	26·3	-14	WNW	4	c/qRaq	42	38	8	5	-	-	7	6	-	22	-
	Valentia ... †	30	37·7	-10	NW'N	3	RoRq	47	45	7	8	-	-	7	7	-	16	-
	Roches Point †	22	36·6	-8	NW	2	c/qRq	45	43	8	3	-	-	4	4	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations.	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. (33)
1	Kew ...	25·7	-6	WNW	3	C	47	38	7	5	-	-	8	3	8	21	40	1
	Croydon ...	25·7	-14	W	5	C	47	38	7	5	-	-	8	8	-	29	-	0
	S. Farnborough	26·5	-14	W	4	Zo	47	40	6	5	-	-	8	8	-	35	-	1
	Boscombe Down	27·3	-16	W'S	5	mo	45	41	6	5	-	-	8	8	-	28	-	0
	Calshot ...	28·4	-6	WNW	5	C	46	41	7	5	-	-	8	8	-	30	-	0
	Tangmere ...	28·0	-4	-	0	C	43	42	7	5	-	-	8	8	-	30	-	1
2	Lympne ...	24·7	-12	WNW	3	Mo	43	39	6	5	-	-	4	4	-	43	-	1
	Manston ...	24·1	-10	W'N	4	Mo	44	41	6	5	-	-	3	3	-	20	-	1
	Shoeburyness	24·6	-12	WNW	3	Mo	46	40	6	5	-	-	5	5	-	35	-	1
	Felixstowe ...	22·5	-10	WNW	5	Mo	44	39	6	5	-	-	3	3	-	30	-	0
	Gorleston ...	21·6	-6	WNW	4	b	43	38	7	-	-	-	0	0	0	-	-	0
3	Mildenhall	23·2	-2	W	3	b	44	41	7	5	-	-	1	1	-	20	-	1
	West Raynham	22·1	-8	WNW	4	Mo	42	39	6	1	-	-	0	0	0	-	-	1
	Waddington	23·8	-12	WNW	4	Mo	42	38	6	1	-	-	0	0	0	-	-	0
	Cranfield ...	24·8	-8	WNW	3	Zo	47	40	6	5	-	-	8	2	8	26	57	1
	Honiley ...	25·8	-8	WNW	5	qr	47	40	7	5	-	-	8	6	8	23	40	1
4	Little Rissington	26·6	-10	WNW	4	C	45	37	9	5	-	-	7	7	-	28	-	1
	Defford ...	27·1	-10	W	3	C	48	40	8	5	-	-	8	8	-	43	-	0
5	Bristol ...	28·8	-10	W	4	bc	45	42	7	5	-	-	8	4	4	15	40	1
	Hartland Point	30·9	-12	WNW	4	bc	48	44	8	5	-	-	4	4	-	-	-	1
	Yeovilton																	1
	Portland Bill	28·5	-10	NNE	5	O	49	45	7	5	-	-	8	8	-	10	29	1
	Exeter ...	30·7	-14	NW	5	C	47	41	7	5	-	-	8	4	8	25	40	0
	Plymouth ...	32·0	-10	NW	3	20	48	41	6	5	-	-	8	8	-	15	-	1
	St. Eval ...	33·0	-10	NW	4	C	47	41	9	5	-	-	7	7	-	32	-	1
	Lizard ...	32·9	-12	NNW	4	C	47	43	8	5	-	-	7	7	-	20	-	0
	Guernsey ...	31·6	-6	NNW	6	C	48	41	8	5	-	-	8	4	4	12	25	1
6	Scilly, St. Marys	34·9	-8	NW	4	C	49	40	9	5	-	-	8	8	-	-	-	0
	Fairwood ...	30·3	-10	NW'N	5	bc	45	42	7	5	-	-	4	4	-	40	-	1
	Pembroke ...	31·4	-10	NW	5	C/qr	48	48	7	5	-	-	7	7	-	18	-	0
	Aberporth ...	30·4	-6	NW	5	Cbc	46	44	8	5	-	-	5	2	4	7	15	1
7	Holyhead (Valley)	28·9	-10	NW'W	4	C	48	42	8	5	-	-	8	8	-	30	-	0
	Hawarden	26·3	-6	W'N	5	C	48	43	7	5	-	-	8	5	-	44	-	0
8	Manchester	25·5	-6	W'N	5	dodo	46	43	6	5	-	-	8	5	8	13	15	1
	Squires Gate	25·8	-10	WNW	6	bc/r	46	44	7	5	-	-	4	4	-	20	-	1
	Carlisle	22·3	-12	W	5	C	47	41	7	5	-	-	8	8	-	25	-	1
9	Finningley	22·6	-12	WNW	4	b	46	40	7	-	-	-	0	0	0	-	-	0
10	Spurn Head	20·5	-12	WNW	6	b	44	42	7	-	-	-	0	0	0	-	-	0
	Leeming	21·7	-8	WNW	4	bbc	47	40	8	5	-	-	3	3	-	40	-	1
	Tynemouth	20·5	-10	W	4	q	47	40	7	5	-	-	4	5	-	20	-	1
11	Acklington	19·7	-14	WSW	4	C	46	40	8	5	7	-	8	5	8	30	-	0
	St. Abb's Head	17·9	-6	NW	4	q	48	44	8	5	-	-	5	5	-	30	-	0
	Leuchars ...	19·1	-2	WNW	6	bc	49	39	7	-	7	-	4	4	-	-	-	0
	Bell Rock ...	18·0	-8	W'N	6	C	49	38	8	-	7	-	7	-	-	-	-	*
12	Renfrew	21·4	-16	W	4	mo	49	43	6	5	-	-	4	4	-	20	-	0
	Prestwick ...	22·8	-10	WNW	5	C	49	43	8	5	-	-	8	6	6	25	-	1
	Wigtown	24·6	-10	NW	5	O	45	45	7	5	-	-	8	1	8	10	25	1
	Eskdalemuir	20·7	-4	NW	5	bc	45	38	8	5	-	-	4	4	-	22	-	1
	Point of Ayre	25·2	-4	NW	6	Cir	48	47	8	5	2	-	8	8	-	10	-	1
13A	Tiree ...	24·0	-12	WNW	7	C	50	46	7	5	-	-	8	8	-	20	-	1
	Benbecula ...	21·6	-8	W'N	6	Cbdo	49	47	7	8	-	-	8	5	8	15	25	1
13B	Stornoway ...	19·4	-8	W	5	iRo	48	46	6	5	-	-	8	8	-	20	-	1
	Cape Wrath	17·3	+14	W	4	rr	45	45	8	8	-	-	8	8	-	15	-	2
15	Dalwhinnie																	1
	Aberdeen ...	16·4	-4	WNW	4	C/r	48	41	7	5	-	9	7	6	7	30	-	1
	Rattray ...	14·0	+10	WNW	7	q/pr	46	44	7	8	-	-	8	8	-	20	-	1
	Lossiemouth	17·7	-4	W	6	RoRo	48	44	7	5	-	-	8	3	5	10	15	1
	Wick ...	15·8	+6	NW	5	rr	44	41	7	6	2	-	8	2	8	15	25	1
16	Hatston ...	14·9	+8	NW	6	RoRo	45	40	7	5	-	-	8	6	8	15	25	1
	Lerwick ...	11·2	+14	NNW	6	bbc	41	29	8	5	-	-	3	3	-	15	-	1
17	Blacksod Point †	32·3	-10	W'S	3	bc	48	46	8	8	-	-	4	4	-	15	-	1
18	Malin Head †	27·3	-10	NW	5	Ilc	49	45	8	5	-	-	5	5	-	25	-	1
	Aldergrove	27·9	-12	W'N	4	bc	45	41	8	5	-	-	4	4	-	25	-	1
	Cas. Archdale	29·6	-12	WNW	3	bbc	45	43	8	5	-	-	3	2	3	25	40	1
19	Birr Castle ... †	31·6	-14	NW	1	bc	44	40	8	5	-	-	4	4	-	25	-	1
	Collinstown †	30·4	-10	W	4	C	44	40	8	5	-	-	7	7	-	22	-	1
20	Rineanna ... †	33·9	-10	W'S	2	b	43	43	8	3	-	-	7	2	-	25	-	1
	Valentia ... †	35·1	-14	WNW	3	b	48	44	8	2	-	-	2	2	-	18	-	1
	Roches Point †	34·1	-14	NNW	2	bbc	43	41	8	5	-	-	3	3	-	25	-	1

OBSERVATIONS Sunday NIGHT

District	Stations.	Weather. 15h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew ...	C2o	C2oC	47	45	-
	Croydon ...	C22o	C2oC	46	45	-
	S. Farnborough	C2o	C2o	46	44	-
	Boscombe Down	C2oC	ccmo	44	42	-
	Calshot ...	C	C	46	43	-
	Tangmere ...	C	C	43	40	-
2	Lympne ...	CmoC2o	C2obmoc	42	37	-
	Manston ...	bccmo	bmobmo	43	38	-
	Shoeburyness	Cmo	bcmo	43	36	-
	Felixstowe ...	Cmobc	dbcmo	43	38	-
	Gorleston ...	C2obc	bcb	42	*	-
3	Mildenhall	cmo	cmolbcb	38	36	Tr
	West Raynham	Cmbcabcm	bmobcmo	41	37	-
	Waddington	Cmobmo	bmo	38	31	-
	Cranfield ...	C	dbcc2o	45	*	-
	Honiley ...	C2oCC2o	cibc	44	43	Tr
4	Little Rissington	C	cdbcc	40	39	-
	Defford ...	oc	c	46	44	-
5	Bristol ...	oc	ccido	44	42	Tr
	Hartland Point	C	cbc	46	46	-
	Yeovilton			26	24	-
	Portland Bill	C	O	48	*	-
	Exeter ...	C	C	47	40	-
	Plymouth ...	C2o	c2o	46	44	-
	St. Eval ...	C	cidoc	47	43	Tr
	Lizard ...	C	C	49	*	Tr
	Guernsey ...	C	C	47	44	-
6	Scilly, St. Marys	C	cV	48	*	-
	Fairwood ...	ccinoc	ccidomo	44	41	Tr
	Pembroke ...	o2	bcqcqpr	46	*	Tr
	Aberporth ...	C	C	46	42	-
7	Holyhead (Valley)	C	C	46	42	-
	Hawarden	C	cbc	46	39	-
8	Manchester	cirodo	cdodobc	45	42	0·4
	Squires Gate	bccidombc	cidoiRbc	45	43	2
	Carlisle	bcb	cbc	43	39	Tr
9	Finningley	b2ob	b	44	38	-
10	Spurn Head	bcc	bcb	43	*	-
	Leeming	cbocb	pbc	44	43	-
	Tynemouth	Cno2bc2	bcq	44	41	-
11	St. Abb's Head	bc	pbcc	44	39	-
	Leuchars ...	cq	bcqcq	45	*	-
	Bell Rock ...	bcbbc	pcc	48	38	-
12	Renfrew	cbc.	bc	*	*	-
	Prestwick ...	cir	cirCmo	46	38	Tr
	Wigtown	idobcc	cbbcc	47	45	24
	Eskdalemuir	bc	cbcirc	37	40	Tr
	Point of Ayre	bc	bc	42	39	0·2
13A	Tiree ...	cidc	bqrorc	46	*	3
	Benbecula ...	ccprbc2	bcciRbc	46	44	0·3
13B	Stornoway ...	cprocdod	cdodoqro	47	46	2
	Cape Wrath	cr	ccr	48	45	2
15	Dalwhinnie		crr	41	36	1·4
	Aberdeen ...	cq	cirscq	42	38	1
	Rattray ...	cprc	cpr	48	45	Tr
	Lossiemouth	cpro	ccdors	44	*	2
	Wick ...	cror	crorr	44	44	3
16	Hatston ...	cdodorsrs	crors	41	40	5
	Lerwick ...	ccir	crobc	41	38	3
17	Blacksod Point †	cpre	bc	35	34	2
18	Malin Head †		cirs	45	*	1
	Aldergrove	bcc	cirsdobc	46	*	1
	Cas. Archdale	bc	bcclaobc	43	39	Tr
19	Birr Castle ... †	cd.c	cprbc	43	36	0·3
	Collinstown †	cprc	c	42	37	Tr
20	Rineanna ... †	cpr	bcb	42	39	2
	Valentia ... †	cpro	bcb	41	39	1
	Roches Point †	cprobc	bc	45	39	0·2
				43	*	

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

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

Tuesday 23rd December 1947 — No. 31442

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12a)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (25)	Height of Base Hundreds of feet. B. (26)
1	Kew	26.8	+2	W'N	3	Zo	50	39	6	5	–	1	7	4	6	28	40
	Croydon	26.9	+2	W	3	Zo	48	39	6	5	–	–	8	8	–	30	–
	S. Farnborough	27.4	0	W	4	C	49	40	6	5	–	–	7	7	–	30	–
	Boscombe Down	28.5	0	W	4	C	47	39	7	5	–	–	7	7	–	25	40
	Calshot	29.1	+10	NW	4	Pro	52	46	7	5	–	–	8	8	–	28	–
	Tangmere	28.2	+2	WNW	3	Mo	48	46	7	5	–	–	7	7	–	26	–
	Lympne	25.4	+2	W'N	4	Mo	47	41	6	5	–	–	7	7	–	20	–
	Manston	25.0	+6	WNW	4	C	47	41	6	5	–	–	7	7	–	20	40
2	Shoeburyness	26.2	0	WNW	5	Zo	45	41	6	5	–	–	7	4	5	16	25
	Felixstowe	23.5	+8	NW	5	c-bc	48	44	6	5	–	–	7	4	5	16	25
	Corleston	21.5	+2	NW	4	Mo	47	42	6	–	3	2	6	4	3	45	–
	Mildenhall	23.6	-2	W'N	3	c-bc	48	44	7	5	–	–	7	4	3	50	–
	West Raynham	22.4	0	WNW	4	Mo	44	41	6	5	3	2	7	4	3	50	–
	Waddington	24.1	+6	WNW	5	Mo	48	43	6	5	–	–	6	3	–	25	–
3	Cranfield	25.0	-2	WNW	4	Zo	49	40	6	5	3	2	6	4	4	12	–
	Honiley	26.3	+2	WNW	4	Zo	49	40	6	5	3	2	6	4	4	12	–
4	Little Rissington	27.2	+2	WNW	4	C	47	37	8	5	–	–	6	3	6	20	25
5	Defford	27.8	+2	W	4	C	50	39	8	5	–	–	6	4	4	20	–
	Bristol	29.6	0	W	4	C	48	38	7	5	–	–	7	5	2	15	15
	Hartland Point	32.0	-2	NW	3	c-bc	49	45	8	8	–	–	8	–	–	–	–
	Yeovilton	29.8	+8	NW	4	c-bc	49	41	8	8	–	–	8	5	3	10	25
	Portland Bill	30.0	-2	NNW	4	O	49	45	7	5	–	–	8	8	–	10	–
	Exeter	31.5	-2	NW	5	C	49	40	6	5	3	2	7	6	2	15	35
	Plymouth	32.9	+6	NW	2	Mo	49	43	6	5	–	–	6	4	4	10	25
	St. Eval	34.1	+8	NNW	4	C	48	43	6	5	–	–	6	4	5	10	25
	Lizard	34.0	+4	NW'N	3	c-bc	48	44	6	5	–	–	7	5	2	20	–
	Guernsey	32.4	0	NW'N	5	C	48	44	8	5	–	–	7	5	2	20	–
	Scilly, St. Marys	25.5	+10	NW	4	Pro	52	46	8	5	–	–	5	4	–	18	–
6	Fairwood	30.5	-2	WNW	5	c-bc	48	43	8	5	–	1	5	4	–	15	–
	Pembroke	32.1	+4	NW	6	C	49	47	8	5	–	–	6	4	2	15	25
	Aberporth	31.1	+4	NW	5	bc	47	44	8	5	3	1	4	3	3	30	–
	Holyhead (Valley)	29.2	-2	WNW	5	C	48	45	8	5	4	–	6	4	6	15	25
8	Hawarden	27.1	+2	NW	5	c-bc	50	42	8	5	3	–	5	4	4	30	–
	Manchester	26.3	0	W	5	cdo	47	43	6	5	–	–	8	5	8	10	25
	Squires Gate	26.5	+2	WNW	4	C	47	43	7	5	–	–	7	4	5	12	25
	Carlisle	22.8	0	WNW	5	C	50	45	8	5	7	–	7	3	4	12	25
9																	
10	Finningley	23.0	+2	WNW	4	Mo	49	43	6	5	7	2	4	2	4	10	–
	Spurn Head	21.4	0	W'N	6	Mo	47	45	6	5	7	–	6	4	3	–	–
	Leeming	22.0	0	NW	4	C	51	43	8	8	–	–	7	4	4	15	–
	Tynemouth	20.3	+2	W	3	Zo	50	43	6	8	–	–	5	4	4	10	–
11	Acklington	19.8	+2	WNW	4	C	50	44	7	5	7	2	7	3	4	45	–
	St. Abb's Head	17.8	-6	NW	6	Q	50	48	7	5	–	–	5	5	–	25	–
	Leuchars	18.5	-12	W	7	C	52	45	8	5	–	–	8	4	4	30	–
	Bell Rock	17.5	-4	W	7	C	49	45	8	8	–	–	7	3	5	25	–
12	Renfrew	22.8	0	W'S	5	C/R	51	47	7	5	–	–	7	3	5	12	15
	Prestwick	23.4	-2	W'N	4	C	50	46	7	5	7	1	6	4	5	12	–
	Wigtown	25.5	+2	NW	5	C	50	45	7	5	7	–	6	4	6	20	–
	Eskdalemuir	21.5	+2	NW'W	5	C-bc	48	43	8	5	3	–	5	4	5	22	40
	Point of Ayre	26.3	+6	NW	6	C	49	46	8	5	3	5	8	4	4	20	–
13A	Tiree	24.1	+2	WNW	6	Cdo	50	48	7	5	2	–	8	5	8	6	25
13B	Benbecula	22.2	+6	WNW	5	Cdo	49	48	6	5	–	–	8	8	–	4	–
	Stornoway	18.3	+2	W	6	Rp	50	49	6	5	–	–	8	5	6	5	15
15	Cape Wrath	16.7	-2	NW	1	Rp	45	45	1	–	–	–	9	9	–	9	–
	Dalwhinnie																
	Aberdeen	17.5	+2	N	1	C/V	48	43	5	6	2	–	8	4	8	15	–
	Rattray	16.7	+16	N	4	Dr	41	39	6	8	–	–	8	8	–	20	–
	Lerwick	17.3	0	NNW	3	C	46	45	7	5	–	–	7	4	7	9	15
	Wick	17.0	+2	–	0	Rv	38	37	7	5	2	–	7	3	6	8	28
16	Hatston	16.7	+2	NW	3	R/D	40	37	7	5	–	–	8	5	8	12	15
	Lerwick	18.6	+10	NW	4	Pr	36	34	8	8	–	–	8	5	8	12	–
17	Blacksod Point †	32.1	+2	W	4	C-bc	51	47	8	8	–	–	8	5	8	15	–
18	Malin Head †	27.0	+2	NW	5	C-bc	50	48	8	5	–	–	5	2	4	15	40
	Aldergrove	28.0	-6	W'S	4	C-bc	48	44	8	5	7	5	5	2	4	15	40
	Cas. Archdale	29.4	0	W	5	C-bc	48	46	8	5	3	–	5	3	4	10	25
19	Birr Castle †	31.0	-8	NW	1	Bc	49	45	8	5	–	–	5	4	–	25	–
20	Collinstown †	30.5	-4	W'N	4	C/D	45	43	7	5	–	–	8	4	4	25	–
	Rineanna †	24.0	+2	W'N	4	R/Pr	49	47	8	5	–	–	8	4	4	15	–
	Valentia †	25.5	+2	W	3	C/Pr	49	45	8	5	–	–	6	4	2	18	25
	Roches Point †	24.7	0	WNW	2	C-bc	48	40	8	5	–	–	5	5	–	15	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

District	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
1	Kew	26.6	+8	W'N	3	Zo	47	40	6	–	–	–	3	3	–	–	–	1
	Croydon	26.5	+2	W	4	Zo	48	39	5	5	–	–	4	4	–	30	–	0
	S. Farnborough	27.1	+4	W'N	3	Bc	47	41	7	–	3	–	4	4	–	–	–	1
	Boscombe Down	27.6	+4	W'S	4	C-bc	45	41	7	–	3	–	5	5	–	–	–	0
	Calshot	28.4	-2	W'N	4	C	47	42	7	5	2	–	7	5	3	35	–	0
	Tangmere	27.5	+6	WNW	3	Mo	47	43	6	–	3	–	7	7	–	–	–	0
	Lympne	25.2	+2	W'N	3	Mo	46	41	5	5	–	–	7	4	7	20	40	1
	Manston	24.8	+2	W'N	4	Mo	47	41	6	5	–	–	7	4	–	27	–	1
2	Shoeburyness	24.7	+2	WNW	3	Zo	45	41	6	5	–	–	8	4	–	20	–	1
	Felixstowe	23.0	-2	NW'W	6	Mo	48	43	6	–	3	2	8	4	3	–	–	0
	Corleston	21.7	+2	NW	4	Mo	42	38	6	5	7	–	5	3	4	20	72	0
	Mildenhall	23.6	+2	W	4	Mo	46	43	6	5	3	–	7	4	4	25	–	
	West Raynham	21.9	+2	W	4	Mo	46	42	6	5	–	–	7	6	–	50	–	1
	Waddington	23.9	-2	W	3	Mo	47	43	6	5	–	–	8	8	–	22	–	1
3	Cranfield	25.4	+2	WSW	2	Mo	45	40	6	5	3	–	7	3	7	28	–	1
	Honiley	26.6	+10	WSW	3	Mo	46	41	6	5	–	–	7	7	–	41	–	1
4	Little Rissington	26.8	+2	WNW	4	C	44	40	8	5	3	–	6	4	5	30	–	1
5	Defford	27.0	-2	W	4	C	48	41	8	5	3	–	6	3	6	30	–	0
	Bristol	28.9	+2	W	3	Ufo	47	41	8	5	–	–	8	8	–	24	–	1
	Hartland Point	30.5	-2	NW	1	C	49	46	8	8	–	–	7	7	–	–	–	1
	Yeovilton																	
	Portland Bill	28.8	-10	N'E	4	O	50	46	7	5	–	–	8	8	3	10	–	1
	Exeter	30.3	-4	NW	4	C/D	48	41	7	5	7	–	8	8	4	35	48	0
	Plymouth	31.5	-2	WNW	2	C-bc	48	46	7	5	–	–	6	4	5	15	–	0
	St. Eval	33.0	+2	NW	4	C	47	42	8	5	–	–	8	8	–	36	–	0
	Lizard	32.6	-2	NW	2	C-bc	47	45	8	8	–	–	8	5	–	20	–	0
	Guernsey	31.1	-2	NW'N	6	C	49	45	8	7	6	–	6	4	7	15	25	0
	Scilly, St. Marys	33.4	-4	NW'W	4	Bc/Pv	47	44	7	8	–	–	4	4	–	15	–	1
6	Fairwood	29.8	-4	NW	4	C	47	44	7	5	–	–	6	4	2	26	–	0
	Pembroke	30.5	-6	WNW	5	C	49	49	7	5	3	–	6	6	–	25	–	1
	Aberporth	29.6	-2	WNW	4	C	48	44	8	5	1	–	6	6	–	25	–	1
	Holyhead (Valley)	27.8	-4	WNW	5	C	49	46	8	5	3	–	7	3	5	10	25	0
8	Hawarden	26.2	-2	NW	5	C	49	43	8	5	3	–	7	5	4	30	–	0
	Manchester	25.1	-4	W	5	Mo	47	42	6	5	–	–	7	4	5	12	15	1
	Squires Gate	25.4	-4	W	5	C	48	45	6	5	–	–	7	5	6	16	25	1
	Carlisle	21.7	0	W	4	C-bc	49	46	7	5	7	–	7	5	4	20	–	1
9																		
10	Finningley	22.8	-2	WNW	5	Mo	48	42	6	5	–	–	7	7	–	40	–	0
	Spurn Head	20.5	-4	WNW	7	Mo	47	46	6	5	–	–	8	8	–	15	–	0
	Leeming	21.3	+2	W	5	C/D	49	44	8	5	3	–	5	2	5	20	–	1
	Tynemouth	19.7	+2	NW	3	C-bc	51	45	7	8	3	–	5	4	4	19	72	1
	Acklington	18.7	+2	W	4	C	51	43	8	–	7	–	7	7	–	–	–	0
	St. Abb's Head	17.6	+2	NW	6	Q	50	46	7	5	–	–	7	5	–	30	–	0
	Leuchars	18.4	+2	W	4	C-bc	49	45	8	5	3	–	5	4	3	25	–	0
	Bell Rock	16.8	-2	W	6	C	49	42	8	9	–	–	7	7	–	25	–	
12	Renfrew	21.2	-2	W	4	C/D	51	46	7	5	–	–	7	5	4	18	25	1
	Prestwick	22.7	+2	W'N	4	C/R	50	46	7	5	–	–	8	4	5	17	25	1
	Wigtown	24.6	-2	WNW	6	C/R	49	47	6	5	–	–	7	3	4	6	15	1
	Eskdalemuir	20.1	-8	WNW	7	C	49	42	8	5	3	–	8	4	5	15	–	1
	Point of Ayre	24.8	0	NW'W	6	C	50	48	8	5	–	–	8	8	–	25	–	0
13A	Tiree	22.8	-2	W'N	6	C	50	46	7	5	–	–	8	8	–	25	–	1
13B	Benbecula	21.0	-6	W	5	C	49	47	7	5	3	–	8	4	8	12	–	1
	Stornoway	17.8	-2	W	6	Rp	50	48	6	5	–	–	8	5	5	15	–	1
15	Cape Wrath	14.1	0	W	6	Rp	48	48	7	5	2	–	8	8	–	8	–	2
	Dalwhinnie	18.0	-4	W'S	4	Pro	47	42	7	5	–	–	8	8	–	10	–	1
	Aberdeen	15.3	-12	WNW	2	C/D	48	46	6	5	3	–	6	1	4	8	25	1
	Rattray	15.2	-14	–	0	DD	40	39	6	5	8	–	6	8	–	20	–	1
	Lerwick	16.5	-4	W	5	C	49	46	7	5	–	–	8	4	6	12	25	1
	Wick	14.2	-18	–	0	Rv	40	40	6	5	–	–	8	8	–	6	–	1
16	Hatston	14.6	-10	S	1	R/D	37	37	7	5	–	–	8	5	8	8	15	1
	Lerwick	13.4	-2	NW	3	C/D	37	37	8	5	2	–	8	5	8	30	–	1
17	Blacksod Point †	30.0	-10	W	3	C/Pr	48	44	8	5	–	–	7	5	7	15	–	1
18	Malin Head †	28.4	-4	WNW	5	C/D	49	49	8	5	–	–	8	4	8	15	–	1
	Aldergrove	26.6	-2	W'S	4	C	47	44	8	6	–	–	8	4	8	12	25	1
	Cas. Archdale	28.1	+2	W	3	Cdo	46	45	7	5	–	–	8	5	8	9	25	1
19	Birr Castle †	30.9	+2	NW	1	C	47	43	8	5	–	–	8	5	–	25	–	1
20	Collinstown †	29.3	+2	W	4	C	47	43	8	5	–	–	8	6	6	20	–	1
	Rineanna †	32.8	0	W'S	4	C/Pr	46	46	8	9	6	–	9	5	4	13	–	1
	Valentia †	33.9	-2	W	3	C	48	40	8	5	–	–	6	4	–	32	–	1
	Roches Point †	32.8	-2	NNW	4	Bc	48	46	8	5	–	–	7	4	–	15	–	1

OBSERVATIONS during DAY (22nd)

District	Stations	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	cMo	c2o	51	0.1	–
	Croydon	cc2o	c2obc2o	50	0.0	–
	S. Farnborough	cbcc	cbc	50	0.1	–
	Boscombe Down	cMoc	c	49	2.0	–
	Calshot	c	c	52	1.0	–
	Tangmere	ccMo	cMobccMo	49	0.0	–
	Lympne	bcMocc2o	cMo	49	0.1	–
	Manston	bcMoc	ccMo	48	1.0	–
2	Shoeburyness	62o	c2o	51	1.3	Tr
	Felixstowe	bcMoc	c2obcMo	49	0.9	–
	Corleston	c2o	c2o	50	0.8	–
	Mildenhall	bMoc	cbcMoc	50	0.3	Tr
	West Raynham	cMo	cMo	47	1.7	–
	Waddington	bMocMo	c2ocMo	48	1.3	–
3	Cranfield	c2o	c2o	49	0.5	–
	Honiley	cbcc2o	cbcc2oMo	49	0.0	–
4	Little Rissington	c	c	48	1.3	–
5	Defford	c	c	53	1.2	–
	Bristol	cccbc	kcirocz2o	49	0.1	Tr
	Hartland Point	cbc	c	49	0.6	0.4
	Yeovilton	c				
	Portland Bill	O	co	51	*	–
	Exeter	c	corocrlp	49	0.8	Tr
	Plymouth	bcmocdocMocmocrdcpc		51	1.4	Tr
	St. Eval	cprobcc	ccprocpc	49	1.1	0.5
	Lizard	cprbc	bcprbcc	49	3.4	Tr
	Guernsey	Ecbc	c	49	0.0	Tr
	Scilly, St. Marys	cpbc	cpbc	52	2.8	0.6
6	Fairwood	bcc	cbcc	50	2.3	–
	Pembroke	bcqcq	bcc	49	2.3	–
	Aberporth	cbc	c	48	0.9	–
	Holyhead (Valley)	bcc	c	49	1.6	–
8	Hawarden	bcc	c	50	0.0	–
	Manchester	cmodo	cdbmocmo	49	0.0	Tr
	Squires Gate	bccdodo	c	48	0.0	–
	Carlisle	c	c	50	*	–
10	Finningley	bcmo	bcmocmo	50	1.1	–
	Spurn Head	cmo	omo	48	1.2	–
	Leeming	c	cdo	51	0.0	0
	Tynemouth	bcqcmo	cmoc	52	*	
11	Acklington	cbcc	c	53	0.4	–
	St. Abb's Head	ccq	cq	52	*	–
	Leuchars	c	bcc	53	0.4	Tr
12	Renfrew	c	c	*	*	*
	Prestwick	cmocpro	cromoccro	52	0.5	Tr
	Wigtown	cdoroc	cdoroc	51	*	0.1
	Eskdalemuir	ccrrmocmo	ccrrmocmo	50	*	0.1
	Point of Ayre	c	c	49	0.0	–
		c	c	50	0.0	–
13A	Tiree	cdodododo	cdodoc	51	0.0	0.1
13B	Benbecula	cdodo	odododccdomo	49	*	1
	Stornoway	cmoro	rr	51	0.0	1
15	Cape Wrath	rr	cpro	50	*	10
	Dalwhinnie	cpro		48	0.0	1
	Aberdeen	DDmo	cddjmcmo	51	0.0	5
	Rattray	omddd	omddomddd	48	*	6
	Lerwick	crorc	crorc	50	0.0	1
	Wick	crr	crrmo	44	0.0	14
16	Hatston	crorc	crorc	42	0.0	11
	Lerwick	crors	ccrrc	38	0.0	2
17	Blacksod Point †	bc	pr	51	*	0.3
18	Malin Head †	c	d	50	0.0	0.3
	Aldergrove	bcc	c	55	0.7	Tr
	Cas. Archdale	bbcc	ccrrocdodo	48	0.8	0.5
19	Birr Castle †	bc	c	50	2.5	–
20	Collinstown †	cdoc	d	48	1.4	Tr
	Rineanna †	cprbc	pr	51	2.5	0.2
	Valentia †	cprc	c	50	0.5	0.2
	Roches Point †	c	d	50	*	0.2

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

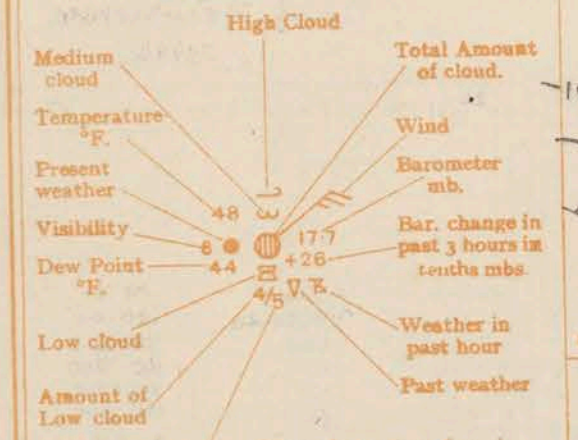
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud. ‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Tuesday 23rd December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather: Morning	Weather: Afternoon	Weather: Night	Temperature °F.: Day Max.	Temperature °F.: Night Min.	Temperature °F.: Min. on grass	Rainfall: Day mm.	Rainfall: Night mm.	Sunshine to sunset hrs. Yesterday	Humidity 15h % Yesterday	Humidity 21h % Today
Kew	cMo	c2o	bbc2oMo	51	46	43	—	—	0·1	*	*
Croydon ...	cc2o	c2o	bc2oMo	50	44	42	—	—	0·0	65	65
Greenwich ...	cMo	c	c	50	45	39	—	—	—	68	68
Westminster	*	*	*	51	45	41	—		*	70	71
Regents Park	*	*	*	50	46	43	—	—		65	71
Camden Square	bc	bc	*	50	46	43	—	—	*	*	73
Kensington ...	c	c	*	51	46	39	—	—	*	86	79
Hampstead ...	bc	bc	b	49	43	37	—	—		*	71

Atmospheric Pollution: Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 23rd Max 0·1 10–22hrs 22nd 0·1 0–6 hrs on 23rd

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

1947

morning

Sunshine to sunset hrs.	Humidity 15h %	Humidity 9h %
Yesterday		To-day
0·1	*	*
0·0	65	65
–	68	68
*	70	71
	65	71
*	*	73
*	86	79
	*	71

s on 23rd

01·5
+00

L 00

03·4
-02

1002

1010

1014

1016

1020

1022

GENERAL INFERENCE

An anticyclone over the Bay of Biscay is declining slowly. A trough of low pressure from the Orkneys to Holland will move very slowly northeast, and a cold front on the Atlantic will move southeast across North Britain during tonight and tomorrow. There will be some bright periods today in central, east and south England, but otherwise it will be generally cloudy, with occasional rain in the west and north, almost continuous rain in extreme northeast Scotland and sleet or snow in the Shetlands. It will be cold in the Shetlands, but mainly mild elsewhere, though the westerly winds will be strong to gale in the north.

FURTHER OUTLOOK

Mainly similar; much colder air is not far away to the northeast and appears likely to reach the country eventually, but it is difficult to time its arrival.

Warning of north westerly gales are in operation for land areas north of a line Clyde to Hartlepool.

Chart of Weather in the Northern Hemisphere.

Morning of

Tuesday 23rd December

1947

Clark's Projection Scale 1 : 4 × 10⁷ at meridian 35°

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

Identification letters are inserted on fronts and to systems.

All times are G.M.T.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 23rd December 1947

No. 31442.

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

District.	Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9a)	Cloud. Form. Med. (9b)	Cloud. Form. High. (9c)	Cloud. Amount. Total. 0–9 (10a)	Cloud. Amount. Low. A. 0–9 (11a)	Cloud. Amount. Low. B. 0–9 (11b)	Height of Base Hundreds of feet. A. (12a)	Height of Base Hundreds of feet. B. (12b)
1	Kew	16						47										
	Croydon	217	26·3	-2	WSW	4	mo	45	40	6	5	3	–	6	5	3	26	–
	S. Farnborough	226	27·0	0	W	4	mo	46	42	6	5	–	–	8	8	–	33	–
	Boscombe Down	417	27·4	-6	W	3	mo	43	41	6	–	3	–	3	3	–	–	–
	Calshot	8	28·2	-2	W	4	b-bc	44	42	7	–	3	1	3	3	2	–	–
	Tangmere	53	27·4	0	WNW	3	mo	43	42	6	–	3	–	4	4	–	–	–
	Lympne	341	25·1	-2	W'S	3	mo	44	41	6	5	–	–	8	8	–	19	–
	Manston	140	24·6	-2	WNW	3	mo	46	42	5	5	7	–	8	5	8	30	–
2	Shoeburyness	11																
	Felixstowe	10	22·7	-2	NW'W	5	mo	46	42	6	–	3	–	4	4	–	–	–
	Gorleston	5	21·1	-4	NW	4	mo	45	43	6	–	4	–	4	4	–	80	–
	Mildenhall	15	28·0	-4	WSW	3	b-bc	46	42	7	5	–	–	3	3	–	20	–
	West Raynham	250	22·0	+2	W	4	mo	45	42	6	–	3	2	3	3	3	–	–
	Waddington	235	23·6	-2	WNW	4	mo	47	43	6	5	–	–	3	3	–	18	–
3	Cranfield	340	24·8	-4	W	3	c	47	41	7	5	–	–	8	8	–	30	–
	Honiley	427	25·8	-6	W	3	c	47	42	7	5	–	–	8	8	–	19	–
4	Little Rissington	731	26·6	-2	WNW	4	c	45	41	8	5	–	–	7	7	–	35	–
	Defford	58	26·8	-2	W	3	bc	47	40	8	5	3	–	4	2	4	30	–
5	Bristol	209	28·7	-2	W	4	do do	46	43	6	5	–	–	6	6	–	40	–
	Hartland Point	299	30·2	-2	NW	3	ic	48	45	8	8	–	–	7	7	–	–	–
	Yeovilton	50																
	Portland Bill	32	28·5	-4	NNE	3	c	50	46	7	5	–	–	6	6	–	10	–
	Exeter	100	30·4	0	WNW	3	c-bc	48	44	7	5	3	–	5	4	5	50	–
	Plymouth	86	31·4	0	WNW	3	c	49	46	7	5	7	–	8	4	8	25	–
	St. Eval	345	32·5	-12	NW	4	c	48	41	8	5	–	–	8	8	–	26	–
	Lizard	340	32·6	0	NW	3	c	49	42	7	5	–	–	8	8	–	20	–
	Guernsey	348	31·3	-2	NW'W	5	c/d	48	46	8	5	–	–	7	7	–	20	–
	Scilly, St. Marys	163	33·4	-2	NW	4	c	47	45	8	8	–	–	7	7	–	–	–
6	Fairwood	268	29·7	0	NW	4	c	47	44	7	5	–	–	8	4	8	18	40
	Pembroke	142	30·3	0	NW	4	c	49	48	7	5	–	–	7	7	–	30	–
	Aberporth	425	29·3	+2	WNW	4	c-bc	47	45	8	5	–	–	5	5	–	35	–
7	Holyhead (Valley)	32	27·9	0	WNW	5	c-bc	48	45	8	5	–	–	5	2	5	15	25
	Hawarden	15	25·7	+4	W	5	c-bc	48	43	8	5	7	–	5	5	5	18	–
8	Manchester	230	24·9	+6	WIN	4	ido	47	45	6	5	–	–	8	6	8	11	25
	Squires Gate	33	25·1	-2	WIN	5	c	48	44	8	5	–	–	7	7	–	21	–
	Carlisle	100	20·8	-8	WNW	3	c	49	43	7	5	–	–	7	7	–	20	–
9	Finningley	28	22·4	0	WNW	5	mo	49	44	6	–	7	–	3	3	–	–	–
10	Spurn Head	29	20·3	+2	WIN	6	bc	47	45	7	5	–	–	4	4	–	–	–
	Leeming	105	21·4	+6	NW	3	c-bc	50	43	8	5	3	–	5	4	5	43	–
	Tynemouth	108	19·5	+2	W	3	c-bc	49	42	7	5	–	–	5	5	–	19	–
	Acklington	138	18·4	-2	WIN	5	bc	50	41	8	5	4	–	4	2	3	15	–
11	St. Abb's Head	280	16·1	-4	NW	6	bcq	50	46	7	5	–	–	4	4	–	30	–
	Leuchars	31	16·5	-8	W	5	c-bc	49	42	8	5	–	–	5	4	3	25	40
	Bell Rock	—	15·9	+4	W	6	bc	50	41	8	5	–	6	4	0	–	25	–
12	Renfrew	35	20·6	-6	WSW	5	c-bc/d	48	45	7	5	7	–	5	3	4	20	57
	Prestwick	30	21·9	-8	W	3	ido	48	45	8	5	–	–	7	5	6	12	25
	Wigtown	19	23·9	+2	WNW	4	dd	47	46	6	5	–	–	8	5	8	10	15
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	24·4	0	WIN	6	c	49	46	8	5	–	–	7	4	7	10	25
13A	Tiree	44	22·2	+2	NW	6	pro	47	46	6	3	–	–	8	8	–	6	–
	Benbecula	27	19·9	-2	WIN	5	c	49	45	7	5	–	–	8	5	8	14	25
13B	Stornoway	12	16·9	-8	W	6	c/r	49	44	7	5	–	–	8	5	8	9	15
	Cape Wrath	367	12·4	-6	W	7	r/o	47	47	7	6	–	–	8	8	–	15	–
13	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						50										
	Rattray	40	11·6	-8	WNW	5	c	48	47	7	8	–	–	8	8	–	20	–
	Lossiemouth	21	15·4	-12	W	5	c	48	44	7	5	–	–	8	4	8	15	25
	Wick	114	11·9	-10	WNW	7	r/o	47	46	6	5	–	–	8	8	–	14	–
16	Harston	45	12·6	-10	E	2	r/o	38	38	6	5	–	–	8	8	–	7	–
	Lerwick	269	12·4	-6	NNW	3	rs	33	32	7	–	2	–	8	8	–	9	–
17	Blacksod Point †	18	29·5	-10	W	4	c	48	46	7	8	–	–	6	6	–	15	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	26·1	-6	WSW	4	ifo	46	44	7	5	–	–	7	7	–	20	–
	Cas. Archdale	225	27·5	-6	W	5	ido	46	45	7	5	–	–	6	4	6	9	25
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Coolnistown †	220	28·5	-6	W	5	c	46	42	8	5	–	–	8	8	–	22	–
20	Rineanna †	13	32·0	-6	W'S	4	c	46	42	8	5	–	–	8	8	–	26	–
	Valentia †	30	32·9	-10	W'S	2	c	48	40	8	5	–	–	8	8	–	29	–
	Rochs Point †	22	32·9	-2	NW'N	3	bc	45	41	8	5	–	–	4	4	–	25	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District.	Stations.	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25a)	Cloud. Form. Med. (25b)	Cloud. Form. High. (25c)	Cloud. Amount. Total. 0–9 (26a)	Cloud. Amount. Low. A. 0–9 (27a)	Cloud. Amount. Low. B. 0–9 (27b)	Height of Base Hundreds of feet. A. (28a)	Height of Base Hundreds of feet. B. (28b)	State of Ground. 0–9 (29)
1	Kew	25·1	-3	W	3	zo	47	40	6	5	–	–	7	7	0	21	–	1
	Croydon	25·7	-2	WSW	4	mo	46	41	6	5	–	–	8	8	0	21	–	0
	S. Farnborough	26·2	-4	W'S	3	c	47	43	7	5	–	–	8	8	0	23	–	1
	Boscombe Down	26·6	-10	W	4	b	45	42	7	5	–	–	5	5	0	35	–	0
	Calshot	26·6	-6	W'N	4	b-bc	44	42	7	5	–	1	3	2	3	40	–	0
	Tangmere	26·8	-2	WNW	3	mo	40	39	5	5	–	–	2	2	0	50	–	0
	Lympne	24·5	-2	W	4	mo	44	42	6	5	7	–	5	4	5	27	–	1
	Manston	24·1	0	WNW	4	mo	45	42	6	5	–	–	5	4	5	30	–	1
2	Shoeburyness	23·9	-2	WNW	3	mo	47	42	6	5	–	–	7	7	0	19	–	1
	Felixstowe	22·2	-2	NW'W	5	mo	47	43	6	5	–	–	8	7	8	31	–	0
	Gorleston	24·5	-6	W	4	bc	46	42	7	–	7	–	4	4	0	80	–	0
	Mildenhall	22·4	-2	W	4	c	47	43	7	5	–	–	8	8	0	33	–	1
	West Raynham	21·1	-2	W	4	c	46	42	6	5	–	–	8	8	0	34	–	1
	Waddington	22·9	-4	WNW	5	zo	48	41	6	5	–	–	5	5	0	31	–	0
3	Cranfield	24·2	-4	W	3	c	47	40	7	5	–	–	8	8	0	26	–	1
	Honiley	24·5	-8	WNW	5	c	47	39	7	5	–	–	7	7	0	21	–	1
4	Little Rissington	25·8	-6	WNW	4	c	45	39	8	5	–	–	7	7	0	20	–	1
	Defford	26·3	-2	WNW	2	c	48	41	8	5	–	–	8	8	0	40	–	0
5	Bristol	27·5	-8	W	4	c	46	42	7	5	–	–	7	7	0	30	–	1
	Hartland Point	29·3	-6	NW	3	c	48	42	8	8	–	–	8	7	0	–	–	1
	Yeovilton																	
	Portland Bill	27·4	-8	NNE	4	o	50	43	7	5	–	–	8	8	0	10	61	1
	Exeter	28·4	-16	WNW	3	c	48	40	7	5	7	–	7	4	5	35	57	0
	Plymouth	30·1	-8	NNW	3	c	47	42	7	5	–	–	8	8	0	20	–	1
	St. Eval	31·1	-10	NW	4	c	47	38	8	5	–	–	8	8	0	23	–	0
	Lizard	31·4	-8	NW	3	c	47	43	8	5	–	–	8	8	0	20	–	0
	Guernsey	30·1	-2	WNW	5	bc	46	41	8	5	–	–	4	4	0	30	–	0
	Scilly, St. Marys	32·0	-10	NW	4	c	47	41	9	5	–	–	8	8	0	–	–	1
6	Fairwood	28·8	-2	NW	4	c	46	41	7	5	–	–	8	8	0	27	–	1
	Pembroke	29·4	-6	NW	4	c	48	46	7	5	–	–	7	6	0	28	–	0
	Aberporth	28·5	-6	WNW	4	c	47	43	8	5	–	–	6	6	0	26	–	1
7	Holyhead (Valley)	27·1	+2	NW	4	ido	48	45	7	5	–	–	8	8	0	30	–	0
	Hawarden	25·4	+2	W	5	zo	49	42	5	5	–	–	8	8	0	28	–	0
8	Manchester	24·1	-2	W'SW	5	mo	48	42	6	5	–	–	7	5	7	11	25	1
	Squires Gate	24·2	-4	WIN	5	c	48	44	8	5	–	–	8	8	0	26	–	0
	Carlisle	21·1	+4	W	4	c	48	43	7	5	–	–	6	6	0	30	–	0
9	Finningley	21·2	-8	NW'N	4	zo	49	42	6	5	–	–	8	8	0	22	–	0
10	Spurn Head	20·2	0	WNW	6	c	47	45	7	5	–	–	8	8	0	–	–	0
	Leeming	18·8	-10	NW	7	b	49	41	8	7	–	–	8	8	0	–	–	0
	Tynemouth	18·3	+2	NW	5	q	48	41	7	8	–	–	4	4	0	19	–	0
	Acklington	17·6	-2	WIN	5	b	48	40	8	7	–	–	8	8	0	30	–	0
11	St. Abb's Head	16·3	+20	NW	6	q	50	48	8	5	–	–	8	8	0	30	–	0
	Leuchars	17·1	+2	W	5	c	49	40	8	5	–	–	8	8	0	38	–	0
	Bell Rock	14·8	-4	W'N	3	c-bc	50	38	7	4	–	–	3	3	0	–	–	*
12	Renfrew	20·2	+2	WSW	4	bc	48	43	7	5	–	–	4	4	0	30	–	0
	Prestwick	21·7	-8	WIN	3	c/d	49	43	8	5	–	–	6	6	0	25	–	1
	Wigtown	23·2	+4	WNW	4	bc/d	47	45	7	5	4	–	4	4	1	20	–	1
	Eskdalemuir	19·9	-10	NW'W	4	c	46	41	7	5	–	–	7	7	0	19	–	1
	Point of Ayre	23·7	+2	NW'W	5	c	49	47	8	5	–	–	7	4	7	15	25	0
13A	Tiree	21·4	-6	WIN	5	b-bc	48	45	8	3	–	–	3	3	0	15	–	1
	Benbecula	19·9	0	WIN	5	c-bc	48	46	8	8	7	2	5	4	0	18	25	1
13B	Stornoway	16·7	-2	W	6	c	49	45	7	5	–	–	8	5	0	20	–	1
	Cape Wrath	13·0	+18	W	7	o	48	46	8	6	–	–	8	8	0	20	–	1
13	Dalwhinnie																	
	Aberdeen	15·0	+6	WNW	4	c	50	42	7	5	–	–	7	7	0	35	–	1
	Rattray	12·2	+10	WNW	5	RR	48	46	7	6	–	–	8	8	0	10	–	1
	Lossiemouth	15·5	+6	W	5	c	49	44	7	5	–	–	8	4	0	15	25	1
	Wick	13·4	+16	WNW	4	r/o	42	42	6	5	–	–	8	8	0	7	–	1
16	Harston	13·3	+4	E	3	rr	39	39	6	5	2	–	8	7	8	12	15	1
	Lerwick	12·8	0	NNW	2	r/o	33	30	8	5	2	–	8	7	0	35	–	1
17	Blacksod Point †	26·8	-18	WSW	3	c/pr	48	44	7	8	–	–	7	7	0	15	–	1
18	Malin Head †	23·8	-8	W	4	pro	46	46	8	8	–	–	8	8	0	25	–	1
	Aldergrove	25·4	-2	WSW	4	bc	45	44	8	5	–	–	5	4	0	32	–	1
	Cas. Archdale	26·1	-6	WIN	4	ido	46	45	6	5	–	–	8	8	0	18	–	1
19	Birr Castle †	28·0	-12	NW	1	c	45	41	8	5	2	–	8	8	0	25	–	1
	Coolnistown †	27·6	-4	W	4	dr	45	43	8	5	–	–	8	8	0	24	–	1
20	Rineanna †	30·0	-12	WSW	3	ir	46	42	8	5	–	–	8	8	0	24	–	1
	Valentia †	30·1	-10	SE	3	c/r	47	43	8	5	–	–	8	8	0	25	–	1
	Rochs Point †	30·6	-16	NW'N	3	c	46	44	8	5	–	–	8	8	0	15	–	1

OBSERVATIONS Monday NIGHT

District.	Stations.	Weather. 1kb.–ooh. (39)	Weather. ooh.–06h. (40)	Temperature 4ft.–ogh. Min. °F. (41)	Temperature 4ft.–ogh. Min. on Grass °F. (42)	Rain mm. (43)
1	Kew					
	Croydon	bbcz o	cm o	46	43	–
	S. Farnborough	bcz i cm o	cbcm o cm o	44	42	–
	Boscombe Down	bc m o	cm o bbcc	44	41	–
	Calshot	cbcm o bm o	bcm o bm o bc	41	38	–
	Tangmere	cbc	bc	42	37	–
	Lympne	cm o bcm o	bcm o bm o w	39	36	–
	Manston	cm o bcm o	cm o bm o wc	42	37	–
	Shoeburyness	cm o	cm o bcn o	44	40	*
2	Felixstowe	cm o	cm o	44	37	–
	Gorleston	cbcm o	bcm o cm o	46	41	–
	Mildenhall	bz o bcz o	bc	45		–
	West Raynham	cm o bcm o b	bbcc	43	38	–
	Waddington	cm o bcm o	bcm o cm o	44	40	–
3	Cranfield	cm o bcm o	cm o cz o	45	40	–
	Honiley	cz o c	c	45		–
		cm o c	c	45	40	–
4	Little Rissington	cc	cbcc	43	42	–
	Defford	cbc	bcc	45	36	–
5	Bristol	di c d o m o	cd o m o dd	44	39	Tr
	Hartland Point	cl o	c	46	46	Tr
	Yeovilton			47	44	–
	Portland Bill	oc	oo	48		–
	Exeter	c	c	46	43	–
	Plymouth	cm o c	c	47	41	–
	St. Eval	c	c	46	44	Tr
	Lizard	c	c	47	•	Tr
	Guernsey	c	c	47	43	–
	Scilly, St. Marys	cp	cv	46	•	0·3
6	Fairwood	cbcc	c	45	44	–
	Pembroke	cq	cq	46	•	–
	Aberporth	c	c	45	42	Tr
7	Holyhead (Valley)	cbc bc	c	47	43	Tr
	Hawarden	bc, c	cc2 q	48	44	–
8	Manchester	cm o ido	cm o ido	46	42	–
	Squires Gate	c	cbcc	46	45	–
	Carlisle	cbcc	c	47	43	–
9	Finningley	cmo	cz o	47	44	–
10	Spurn Head	bc	o	45	•	–
	Leeming	c i d o c	cb	47	41	–
	Tynemouth	c	aq bcq	46	45	–
	Acklington	cbc	bc cbcq	46	42	–
11	St. Abb's Head	cq bcq	bcq	44	•	–
	Leuchars	c	bcc	46	43	–
	Bell Rock	c	cbc	•	•	•
12	Renfrew	c i d o	bc c i d o bc	47	39	Tr
	Prestwick	ir c i d o	c i d o c	47	45	0·4
	Wigtown	c m o c	c d d m o	46	44	0·2
	Eskdalemuir	c	c i d o	45	43	Tr
	Point of Ayre	c	c	47	*	–
13A	Tiree	co r m o	co r m o bc	46	45	1
	Benbecula	co r o c	co r o c	46	43	0·5
13B	Stornoway	ci r o m o , m o c		47	45	0·1
	Cape Wrath	rr	o	44	38	3
13	Dalwhinnie			41	39	0·5
	Aberdeen	v o l v c m o	em o c	50	46	–
	Rattray	cc	em r r em r r	39	*	2
	Lossiemouth	i m c	c	45	43	Tr
	Wick	c i r o f o m o	c i r o f o m o	42	41	9
16	Harston	c i r o f o m o	c r o f r r m o	37	37	15
	Lerwick	c i r o f o r s c	c s o s o	33	31	1
17	Blacksod Point †	c	p	47	•	0·3
18	Malin Head †		p	47	•	1
	Aldergrove	a i r o	c i r c i d o c b c	44	40	Tr
	Cas. Archdale	c d o d o	c	44	40	0·7
19	Birr Castle †		c	44	43	–
	Coolnistown †	c	c r r	43	43	Tr
20	Rineanna †	c	c	44	43	0·1
	Valentia †	c	r	47	44	Tr
	Rochs Point †	bc	c	44	•	–

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

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

Wednesday 24th December 1947 — No. 31443

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

Depart.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. (12)	Amount. Low. A. (13)	Amount. Low. B. (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	22.6	+4	WNW	3	c	50	37	8	5	9	1	6	5	3	28	-
	Croydon	26.8	+2	W	4	20	49	37	6	-	-	-	6	6	-	20	-
	S. Farnborough	27.5	+10	WNW	4	c	49	40	7	-	-	-	7	7	-	25	-
	Boscombe Down	27.6	+2	W	4	c	47	41	7	-	-	-	6	6	-	32	-
	Calshot	28.8	+6	WNW	3	c	48	39	7	-	-	-	7	7	-	25	-
	Tangmere	27.7	+6	WNW	3	20	48	38	5	5	-	-	7	7	-	24	-
	Lympne	25.9	+2	WSW	3	Mo	46	42	6	6	-	-	7	7	-	15	-
	Manston	25.7	+10	W	3	20	47	40	6	5	-	-	7	7	-	18	40
2	Shoeburyness	25.6	0	WNW	3	20	48	40	6	5	-	8	13	4	-	30	-
	Felixstowe	23.9	+10	NW	5	bc	49	42	7	6	-	-	6	4	-	40	-
	Gorleston	21.8	+8	WNW	4	20	50	43	6	5	7	-	4	4	2	30	72
	Mildenhall	24.0	+6	W	3	20	50	43	6	5	4	1	3	1	1	25	-
	West Raynham	22.7	+10	W	4	c-bc	48	42	7	5	-	-	5	5	-	23	-
	Waddington	23.2	0	WNW	3	c-bc	48	42	7	5	-	-	5	5	-	25	-
3	Cranfield	25.4	+6	W'ly	3	c	47	40	7	5	-	-	7	6	-	30	-
	Honiley	25.5	+2	WNW	4	c	49	40	7	5	3	6	6	5	2	30	-
4	Little Rissington	26.5	+6	WNW	4	bc	46	37	8	5	-	-	4	4	1	30	-
	Defford	26.3	-4	WNW	5	c-bc	51	38	8	5	3	-	6	4	3	35	-
5	Bristol	28.4	+2	W	4	c-bc	48	42	7	5	-	-	5	5	-	25	-
	Hartland Point	30.3	+2	NW	3	c	46	41	8	5	-	-	7	5	3	15	-
	Yeovilton	28.6	+4	NW'ly	4	c	48	38	8	5	-	-	8	8	8	15	40
	Portland Bill	29.0	+8	NW	4	c	49	45	7	1	-	-	6	6	-	32	-
	Exeter	30.3	+2	WNW	4	c	47	39	8	5	-	-	6	4	3	30	40
	Plymouth	31.4	+4	W	3	Mo	48	42	6	5	-	-	8	8	-	18	-
	St. Eval	31.8	-2	NW	3	c	47	41	8	5	-	-	8	8	-	15	-
	Lizard	32.0	+4	NW'ly	4	c	48	41	8	5	-	-	8	8	-	18	-
	Guernsey	31.3	+2	NW'ly	6	c	48	44	8	5	-	-	8	3	5	18	25
6	Scilly, St. Marys	32.1	-2	W	4	c	48	41	9	5	-	-	8	8	-	18	-
	Fairwood	29.7	+2	WNW	5	c	45	39	8	5	-	-	8	8	-	25	-
	Pembroke	29.7	0	WNW	4	c	47	39	7	5	-	-	8	8	-	25	-
	Aberporth	25.1	+4	WNW	4	c	45	38	8	5	-	-	8	8	-	20	-
7	Holyhead (Valley)	27.5	0	W	3	c	47	40	9	5	-	-	8	8	-	25	-
	Hawarden	26.1	+2	WNW	5	c	49	40	8	5	-	-	8	3	4	25	30
8	Manchester	25.6	+8	WSW	4	c-bc	46	44	4	5	-	-	8	8	3	15	-
	Squires Gate	25.1	+6	W	5	c	47	45	8	5	-	-	7	7	3	15	-
	Carlisle	21.9	+2	WSW	5	c	48	46	8	5	-	-	7	7	6	15	-
9																	
10	Finningley	22.9	+12	WNW	4	20	50	43	6	5	-	-	6	6	-	25	-
	Spurn Head	21.8	+4	W'ly	5	bc	47	45	7	5	-	-	6	4	-	-	-
	Leeming	21.7	+2	W	3	c-bc	50	43	8	5	-	-	7	7	-	30	-
	Tynemouth	19.2	0	WNW	5	9	50	42	6	8	3	-	5	4	4	20	-
11	Acklington	19.2	+2	W	4	c-bc	50	42	8	5	3	-	5	2	5	20	-
	St. Abb's Head	18.5	+18	NW	5	9	49	45	8	5	-	-	5	5	-	35	-
	Leuchars	17.8	-4	SW	2	c-bc	49	42	8	5	-	9	6	4	2	25	-
	Bell Rock	17.7	+14	SW	4	c	48	42	8	2	4	-	6	2	4	25	-
12	Renfrew	20.7	+2	W	4	c/o	49	45	7	5	-	-	6	4	4	12	15
	Prestwick	21.4	-6	WSW	4	c-bc	48	46	7	5	-	-	5	3	4	10	25
	Wigtown	23.8	+8	W	4	c/do	47	45	7	5	-	-	5	5	7	8	25
	Eskdalemuir	20.2	+4	W'ly	4	do/do	46	42	7	5	-	-	7	5	-	10	-
	Point of Ayre	24.2	+6	W'ly	6	c	47	45	8	5	-	-	7	5	4	15	25
13A	Tiree	20.1	-10	W'ly	3	c-bc	47	45	8	3	3	1	5	4	2	15	-
13B	Benbecula	18.4	-6	WSW	4	c-bc	48	46	7	8	6	-	5	3	4	10	25
14	Stornoway	16.5	-2	W	4	c	48	44	7	8	-	-	6	4	5	6	15
15	Cape Wrath	14.6	+12	W	6	c/o	46	46	8	6	6	-	8	8	-	20	-
	Dalwhinnie																
	Aberdeen	15.6	-2	WNW	4	c	50	40	8	5	7	8	6	1	2	15	25
	Rattray	19.0	0	WNW	5	c	48	43	8	5	-	-	7	4	2	25	-
	Lossiemouth	16.7	+6	W	5	c-bc	49	42	7	5	-	9	7	4	2	28	40
	Wick	14.6	+12	NW	4	c/d	47	46	7	5	-	-	7	5	5	9	25
16	Hatston	13.5	-10	W	4	c/v	42	41	7	5	-	-	8	8	-	17	-
17	Lerwick	13.5	-2	-	0	c	34	31	8	5	7	-	8	2	8	21	-
18	Blacksod Point †	24.2	-14	SW	3	c/d	51	43	7	6	-	-	7	7	-	15	-
	Malin Head †	22.7	-8	W	4	do/do	48	44	8	5	-	-	7	5	-	15	-
	Aldergrove	25.0	-8	SW	4	c/d	45	41	8	5	-	-	7	4	7	12	25
	Cas Archdale	24.6	-12	SW	2	c-bc	46	43	8	5	-	-	5	3	4	12	25
19	Birr Castle †	26.4	-14	S	1	c	47	45	9	5	2	-	5	5	-	25	-
20	Collinstown †	27.0	-6	WSW	4	c	46	42	8	5	-	-	6	5	-	18	-
	Rineanna †	28.1	-8	SSW	5	c/do	47	43	7	5	-	-	6	6	-	9	-
	Valentia †	28.8	-6	SSW	4	c	51	49	8	5	-	1	6	5	-	12	-
	Roches Point †	29.5	-6	W'NW	2	c-bc/pr	49	47	8	5	-	-	5	5	-	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp °F. (22)	Dew Point °F. (23)	Visibility. (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. (28)	Amount. Low. A. (29)	Amount. Low. B. (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ (33)
26.7	+4	WNW	3	Zo	47	36	6	3	-	-	8	3	8	21	40	1
26.8	-2	WSW	3	Zo	47	37	5	5	-	-	8	8	-	40	-	0
27.2	+6	W'S	3	c	45	39	7	5	-	-	8	8	-	25	-	1
27.4	0	W'S	4	c	43	36	7	5	-	-	7	7	-	25	-	0
28.2	-6	WNW	4	c	45	38	7	5	-	-	8	8	-	27	-	0
27.9	+8	WNW	3	mo	45	40	6	5	-	-	7	7	-	25	-	0
26.3	+6	WSW	3	mo	45	40	6	5	-	-	7	7	-	25	-	1
26.3	+8	W	2	Zo	46	39	6	5	-	-	7	7	-	38	-	1
25.9	+6	WNW	3	mo	48	38	6	5	-	-	8	8	-	20	-	1
24.9	+10	W	3	c	48	43	7	5	-	-	8	5	-	30	-	0
22.9	+10	NW	3	mo	47	44	6	7	-	-	6	6	-	40	-	0
24.7	+6	W	2	c	46	41	7	5	-	-	8	8	-	28	-	1
23.8	+8	WSW	4	mo	45	40	6	5	-	-	7	3	-	200	-	1
23.7	+6	WNW	3	mo	44	38	6	5	-	-	8	8	-	35	-	0
25.5	+4	W	3	c	45	37	7	5	-	-	7	7	-	27	-	1
25.4	+2	W	3	c	44	36	8	5	-	-	7	7	-	25	-	1
26.4	-2	WNW	4	c	42	35	8	5	-	-	7	7	-	30	-	1
26.3	-2	W	3	c	46	37	8	5	-	-	7	7	-	29	-	0
27.7	-2	WNW	4	mo	44	38	6	5	-	-	7	7	-	24	-	1
28.0	-6	NW	3	c-bc	47	45	8	8	4	-	5	4	4	-	-	1
28.1	0	NW	4	c	48	43	7	1	-	-	6	6	-	10	-	1
29.2	0	SW	2	c	45	42	7	5	-	-	7	8	6	14	30	0
29.6	-22	W	2	mo	47	45	6	5	3	-	4	4	4	15	-	0
29.9	-6	W	3	bc	46	43	8	5	7	-	4	3	3	15	40	1
30.0	-2	NW	4	c	47	44	8	8	-	-	6	6	-	20	-	1
30.6	+2	NW	5	c	47	45	8	5	-	-	8	2	8	20	40	0
30.3	-2	W'S	3	c	49	46	8	8	-	-	7	7	-	-	-	1
27.9	-6	WNW	2	c	44	42	7	5	-	-	6	2	6	12	15	1
27.1	-16	W	5	pr	49	49	7	7	-	-	6	6	-	30	-	1
26.6	-12	SW	3	c/d	45	44	8	5	-	-	8	4	8	16	25	1
24.4	-16	SW	4	c	49	45	8	5	-	-	7	7	-	24	-	0
24.6	-10	W	3	c	46	39	8	5	-	-	7	3	7	28	-	0
24.1	-12	WSW	3	mo	45	40	6	5	-	-	8	8	8	16	25	0
23.6	-10	W'S	4	c	46	43	7	5	-	-	8	4	7	15	40	1
20.4	-10	W	4	c	46	44	8	5	-	-	8	4	8	10	15	1
28.1	+4	W'N	4	Zo	46	39	6	5	-	-	6	3	5	20	40	0
22.1	+4	W	5	mo	46	44	6	5	-	-	7	7	-	-	-	0
21.6	-2	WSW	3	c	46	38	8	5	-	-	6	6	-	40	-	1
20.2	0	W	3	mo	47	40	6	8	2	-	8	4	4	17	57	1
19.1	0	W	4	c	46	42	7	5	7	-	7	2	7	25	-	1
17.1	-8	NW	5	c-bc	47	45	7	7	-	-	5	6	-	35	-	0
17.1	-2	WSW	3	c	47	42	7	5	-	-	8	1	6	20	40	0
16.5	+6	W'S	4	c	48	41	8	-	5	-	7	0	-	-	-	*
18.9	-6	WSW	4	c/d	47	45	6	5	2	-	8	4	8	10	-	1
19.3	-8	WSW	4	c/d	47	46	5	5	-	-	8	8	-	12	-	1
21.4	-10	WSW	4	do	47	45	7	5	2	-	8	5	4	10	25	1
20.0	-2	SW	3	do/do	43	42	7	5	-	-	8	4	8	12	15	1
21.9	-12	W'S	5	c/pr	47	45	8	5	7	-	8	3	8	15	-	1
17.3	-10	SW	3	do	49	47	7	5	-	-	8	3	8	8	15	1
14.4	-16	SSW	3	ro/o	49	48	6	2	2	-	8	8	-	8	-	1
13.1	-18	SW	3	c	47	45	7	8	-	-	7	5	7	10	25	1
11.8	-12	W	6	pr/o	46	43	8	6	-	-	8	8	-	20	-	2
16.0	-4	SW	2	c	48	40	7	5	3	-	5	4	3	10	-	0
15.7	-6	WSW	1	Zo	48	41	6	-	7	-	3	3	-	-	-	1
14.1	0	WNW	2	c	45	42	7	8	-	-	7	7	-	25	-	1
15.0	-6	SW	4	bc	46	41	8	5	-	-	4	2	3	20	40	0
13.4	-14	WSW	1	bc	46	43	8	5	-	-	4	2	4	21	40	1
12.1	-6	W'S	5	pr/o	47	45	7	8	-	-	6	6	-	12	-	1
10.5	-20	S/E	4	c/d	39	39	7	5	-	-	8	8	-	18	-	1
19.2	-18	SSW	5	do	52	48	7	6	-	-	8	8	-	8	-	1
18.6	-18	W	3	d	48	46	8	-	-	-	6	6	-	15	-	1
22.0	-14	SSW	3	c	47	45	7	5	-	-	8	5	8	8	40	1
20.6	-14	WSW	3	ir/o	48	46	8	5	-	-	8	5	8	11	15	1
23.3	-6	S	2	c	49	47	7	5	-	-	8	8	-	15	-	1
23.2	-18	SW	4	do/do	47	45	8	5	-	-	7	7	-	9	-	1
24.2	-10	SSW	3	do	49	47	7	5	-	-	8	8	-	17	-	1
25.1	-12	SSW	4	c	51	47	8	5	-	-	8	8	-	27	-	1
26.6	-10	W	2	c	49	49	8	5	-	-	6	6	-	15	-	1

OBSERVATIONS during DAY (23rd)

Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
cmoc	czo	50	0.2	-
cmoczo	bczo	49	0.1	-
c	c	49	0.2	-
cbcc	c	48	2.1	-
bbcc	c	48	0.1	-
c2o	cmo	48	0.0	-
cmowcmo	cmo	48	0.0	-
bccmo	cmo	48	0.0	-
c2o	czo	49	0.1	*
cbc	bcc	50	1.6	-
c2obczo	bczoczo	50	5.2	-
cmobczo	bczoc	50	1.3	-
cmocbcc	cbcmocmo	48	3.0	-
czoc	ccmo	50	1.6	-
cbcc	c	48	0.0	-
cbccboc	c	49	0.4	-
cbccbc	bcc	47	2.7	-
cy	cyvc	51	1.0	-
cbcc	cc	49	1.8	-
c	pre	49	0.0	0.3
c			*	
cc	oc	51	*	-
c	ccgg	48	0.0	-
ccmo	cmoido	51	0.0	tr
ccrdoc	cidorobc w	49	0.4	tr
co	prc	49	0.0	1
c	c	49	0.0	-
c	prc	52	0.9	2
c	ccirc	47	0.0	0.1
cq.	cqdro	51	0.0	-
ccidoc	c	46	0.0	0.1
cdocv	cvidoc	50	0.0	tr
c w	c w	49	0.2	-
cmocido	cmodocmo	48	0.0	tr
cido	rcdo idoc	49	0.1	0.1
c	cidomoidoc	48	*	0.1
bczoczo	bczoczo	51	3.6	-
cmo	cmo	48	5.5	-
bc	c	52	*	-
bcqcmo	cmo	51	*	tr
bbc	bcc	52	1.2	0.3
bcqcq	cqc	48	*	-
c	bcc	53	2.0	-
bcb	c	*	*	*
bcdocro	cmoido	50	0.0	3
cdocbc	cidoc	50	*	tr
cdomoido	cbccido	49	*	0.2
cdocdodo	cdodo	47	0.1	0.3
c	cproc	49	0.3	tr
cprbc	cprcido	50	0.2	2
cpro	cidorofo	49	*	3
bccvoc	cpr, ciromoc	48	0.0	0.1
ocro	cpr	49	*	3
c	c	46	1.2	-
c	cbczo	52	1.1	-
c	c	49	*	0.2
bcbbc	c,bc	50	0.0	-
cdodomoc	cido, cbc	48	0.5	0.3
cdodowwwc	cepio	48	0.1	4
c	cdomo, c	44	0.0	2
d	ido	52	*	0.2
d	id	49	0.1	1
bccidoc	cidido c	48	0.0	0.3
ccicloc	ccidocciro	49	0.3	0.2
c	c	49	0.2	tr
c	dodo	48	1.0	tr
c	ido	50	0.0	tr
c	c	52	0.1	0.4
pr	c	50	*	0.4

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

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10 or 4/10; 5 = 5/10; 6 = 6/10 or 7/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud. ‡ See footnote p. 4.

* Information not usually received.

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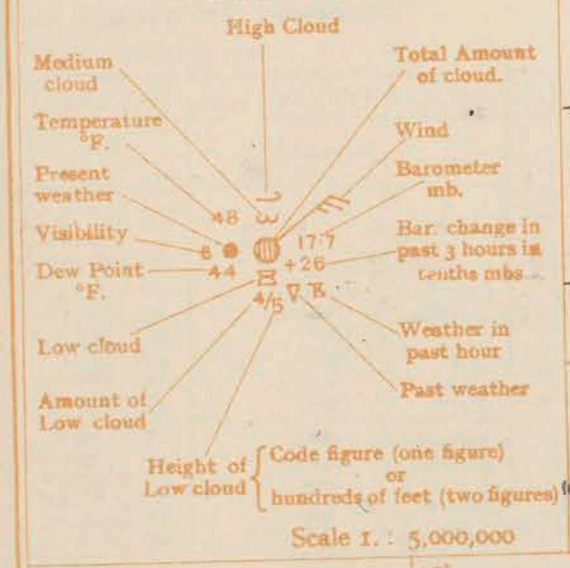
STATION MODEL



Scale 1. : 5,000,000

6h Wednesday 24th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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 21h % Yesterday	Humidity 21h % To-day
Kew	cm o c	cc Zo	cZ.	50	44	43	–	0.3	0.2	*	*	*
Croydon ...	cm o cZo	bcc Zo	cZ.	49	43	37	–	–	0.1	69	85	
Greenwich ...	c	c	c	50	44	42	–	–	0.1	63	79	
Westminster	*	*	*	51	44	43	0.1		*	65	85	
Regents Park	*	*	*	50	44	42	–	0.1	*	72	85	
Camden Square	c	c	*	50	45	41	–	0.3	*	*	89	
Kensington ...	cbc	c	*	50	45	42	–	Tr	*	65	84	
Hampstead ...	bc	o	or	49	42	37	–	Tr		*	86	

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 24th. Max. 0·2 Time 6-18h. 28th. Min. 0·1 Time 0-6h. 24th.

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

	Sunshine to sunset hrs. Yesterday	Humidity 15h %	Humidity 9h %	
	0·2	*	*	
	0·1	65	85	
	0·1	63	79	
	*	65	85	
	*	72	85	
	*	*	89	
	*	65	84	
		*	86	

GENERAL INFERENCE

Pressure is low near Iceland and comparatively high over the Bay of Biscay, and troughs of low pressure are moving eastwards across the British Isles. It will be generally cloudy and mild at first with periods of rain, but bright periods and occasional showers with somewhat lower temperatures will spread from the northwest across Scotland, Northern Ireland and northwest England during the night. The winds will be fresh or strong between southwest and west.

FURTHER OUTLOOK

Occasional showers and bright periods in north and west; becoming mainly fair in east and south.

▲ South cones are flying on all coasts west of a line Whiten Head to Weymouth.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 24th December

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

ISOBARS. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis — Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

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

Wednesday 24th December 1947 — No. 31443

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (2)	Change in 3 hours. (3)	Wind. Direc. (4)	Wind. Force (5)	Weather. (6)	Temp. °F. (7)	Dew Point °F. (8)	Visibility. (9)	Cloud. Forms. Low. (10a)	Mod. (10b)	High. (10c)	Cloud. Amount. Total. (11a)	Low. A. (11b)	Low. B. (11c)	Height of Base of Low Cloud. Hundreds of feet. A. (12)	B. (13)
1	Kew	16						45										
	Croydon	217	26·6	-4	SW	4	2o	44	35	6	5	-	-	8	8	-	26	-
	S. Farnborough	226	26·8	-6	SWlW	4	c	44	39	7	5	-	-	8	8	-	28	-
	Boscombe Down	417	27·1	-4	SWlS	3	bc	42	40	7	-	3	-	4	4	-	-	-
	Calshot	6	27·9	-2	WSW	4	c	45	41	7	5	3	-	6	3	6	30	-
	Tangmere	53	26·4	-10	WNW	2	mo	45	43	6	5	-	-	8	8	-	28	-
	Lympne	341	26·4	+2	SWlW	2	mo	42	37	6	5	-	-	8	8	-	21	-
	Manston	140	26·5	+6	WSW	2	2o	43	36	6	5	-	-	8	8	-	36	-
2	Shoeburyness	11																
	Felixstowe	10	24·2	-12	SWlW	4	c	46	40	7	5	-	-	7	7	-	35	-
	Gorleston	5	23·0	-4	WSW	3	mo	44	38	6	5	-	-	8	8	-	25	-
	Mildenhall	75	23·7	-10	SW	3	c	43	38	7	5	-	-	6	6	-	35	-
	West Raynham	250	22·9	-6	SW	4	mo	43	36	6	5	2	-	8	3	8	25	-
	Waddington	235	23·4	+2	ESE	3	ir$_o$	43	41	7	-	2	-	8	8	-	-	-
3	Cranfield	340	24·7	-6	SW	3	c	43	38	7	5	-	-	7	7	-	37	-
	Honiley	427	24·2	-10	SW	4	c	42	40	8	5	-	-	7	7	-	32	-
4	Little Rissington	731	25·5	-10	WSW	5	c	42	40	7	5	-	-	7	4	6	10	25
	Defford	58	25·0	-10	S	3	c	44	41	7	-	3	-	7	7	-	-	-
5	Bristol	209	26·9	-6	SW	4	c	45	43	7	5	-	-	6	5	6	15	25
	Hartland Point	299	26·4	-10	W	4	c/r	47	47	8	8	-	-	5	5	-	15	-
	Yeovilton	50																
	Portland Bill	32	27·2	-2	W	4	bc	49	45	7	5	-	-	4	4	-	10	-
	Exeter	100	26·1	-10	SSW	3	fg	44	42	7	-	-	-	7	4	7	30	40
	Plymouth	86	28·8	-6	W	1	mo	46	45	8	8	7	-	7	4	7	20	25
	St. Eval	345	28·6	-8	WSW	4	bc	48	46	7	-	-	-	5	3	4	12	25
	Lizard	240	29·0	-10	W	4	c	48	48	7	-	-	-	4	3	6	20	-
	Guernsey	340	30·0	-6	W	5	id$_o$	47	46	7	-	7	-	8	4	6	12	25
	Scilly, St. Marys	163	28·7	-8	WSW	5	bc/pr	48	46	5	8	-	-	4	4	-	15	-
6	Pairwood	268	26·1	-10	WSW	4	id$_o$	47	46	6	-	-	-	8	5	8	10	25
	Pembroke	142	25·3	-10	W	5	id$_o$	48	46	6	-	-	-	8	8	-	15	-
	Aberporth	425	24·7	-14	SW	4	c/d	47	45	6	5	7	-	7	5	4	7	-
7	Holyhead (Valley)	32	21·6	-14	SW	5	c	50	47	8	5	7	-	8	2	8	25	-
	Hawarden	15	22·2	-10	WSW	4	c	50	44	8	5	7	-	8	5	8	35	-
8	Manchester	230	22·3	-10	S	3	c/d	45	43	6	-	-	-	8	8	-	25	-
	Squires Gate	33	21·4	-12	SW	4	c/fg	47	46	6	-	-	-	8	4	8	15	25
	Carlisle	100	17·7	-12	WSW	5	pr$_o$	49	47	7	5	2	-	8	2	8	8	15
9	Finningley	28	21·7	-10	SSW	3	r	44	42	5	5	-	-	8	8	-	17	-
10	Spurn Head	29	21·6	-2	SWlW	3	mo	45	43	6	5	-	-	8	8	-	25	-
	Leeming	105	19·9	-6	WSW	3	c	48	45	6	5	-	-	7	7	-	15	-
	Tynemouth	108	18·3	-8	W	3	ir$_o$	48	42 45	6	8	2	-	8	4	4	15	57
11	Acklington	138	17·0	-12	WNW	4	ir	48	46	7	5	-	-	8	7	-	10	-
	St. Abb's Head	280	15·1	-18	NW	3	id$_o$	47	45	7	7	-	-	6	6	-	35	-
	Leuchars	31	14·7	-14	SW	2	r	47	46	5	7	2	-	8	8	-	35	-
	Bell Rock	—	14·8	-14	SW	4	c	47	45	7	8	2	-	8	4	-	15	-
12	Renfrew	35	14·7	-28	SW	4	r$_o$r$_o$	48	47	7	5	-	-	8	4	8	12	25
	Prestwick	30	15·0	-28	SW	3	id$_o$	48	47	5	5	-	-	8	5	8	8	15
	Wigtown	10	18·2	-18	SWlW	4	r$_o$r$_o$	48	47	6	5	-	-	8	5	8	10	15
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	18·8	-16	WSW	4	r$_o$r$_o$	48	48	8 6	2	-	-	8	4	8	10	15
13A	Tiree	44	10·7	-46	SW	5	r	50	49	5	-	2	-	8	6	-	2	-
	Benbecula	27	10·0	-28	SSW	3	r	48	48	7	-	2	-	8	8	-	4	-
13B	Stornoway	12	07·9	-34	SW	4	r$_o$r$_o$	48	48	6	-	2	-	8	5	8	9	-
	Cape Wrath	367	08·8	-14	SW	5	r	47	47	8 6	-	-	-	8	6	-	1	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						46										
	Rattray	48	11·7	-22	SW	2	c	44	43	7	5	-	-	6	6	-	30	-
	Lossiemouth	21	11·4	-22	SSW	3	c	46	44	8	5	-	-	6	4	6	10	25
	Wick	114	09·7	-24	SW	3	c/r	46	43	7	5	-	-	8	8	-	31	-
16	Hatston	45	09·1	-20	SW	3	c	46	46	7	5	2	-	8	4	8	15	-
	Lerwick	209	07·3	-12	WSW	3	c	45	43	8	5	-	7	8	8	8	30	-
17	Blacknod Point †	18	14·8	-26	SSW	6	d$_o$d$_o$	52	51	7	6	-	-	8	8	-	8	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	17·3	-26	SSW	6	r$_o$r$_o$	48	46	7	5	-	-	8	6	8	8	15
	Cas. Archdale	225	15·4	-30	WSW	4	id$_o$	50	48	7	5	-	-	8	4	8	10	15
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	13·0	-26	SW	6	r$_o$r$_o$	48	44	7	6	2	-	8	8	-	15	-
20	Rineanna †	13	20·2	-22	SWlS	4	c/d	50	48	6	5	-	-	8	8	-	29	-
	Valentia †	30	21·8	-18	SlW	4	dd	52	51	6	6	-	-	8	8	-	7	-
	Roches Point †	22	23·8	-12	WSW	4	r$_o$r$_o$	51	50	7	6	2	-	8	4	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point °F. (23)	Visibility. (24)	Cloud. Forms. Low. (25a)	Mod. (25b)	High. (25c)	Cloud. Amount. Total. (26a)	Low. A. (26b)	Low. B. (26c)	Height of Base of Low Cloud. Hundreds of feet. A. (27)	B. (28)	State of Ground ++ (29)
1	Kew	22·0	-22	SWlW	4	bc	46	42	7	5	-	-	4	4	-	35	55	1
	Croydon	22·8	-24	SSW	4	mo	45	41	6	5	-	-	6	4	6	15	40	0
	S. Farnborough	22·9	-26	SSW	3	c	45	42	7	5	-	-	6	6	-	28	-	1
	Boscombe Down	23·0	-24	SSW	4	c	45	43	7	5	-	-	7	4	7	18	25	1
	Calshot	23·7	-30	SW	3	c	47	44	7	5	-	-	8	8	-	38	-	0
	Tangmere	23·6	+26	W	3	mo	46	44	6	5	-	-	8	8	-	26	-	0
	Lympne	23·3	-22	WSW	3	mo	43	41	6	5	-	-	8	8	-	27	-	1
	Manston	22·9	-28	SW	4	mo	44	39	6	5	-	-	8	8	-	34	-	0
2	Shoeburyness	22·1	-18	WSW	3	mo	45	40	6	5	-	-	4	4	-	25	-	1
	Felixstowe	20·5	-24	W'S	3	b-bc	44	42	7	5	-	-	3	3	-	35	-	0
	Gorleston	19·6	-6	W	3	b	44	41	7	-	-	-	0	0	0	-	-	1
	Mildenhall	19·6	-26	SW	3	c-bc	45	39	7	5	-	-	5	5	-	35	-	1
	West Raynham	18·4	-30	SW	5	mo	44	41	6	5	-	-	6	6	-	57	-	1
	Waddington	18·5	-32	SE	4	ir$_g$	44	43	7	5	2	-	8	8	7	09	25	1
3	Cranfield	20·3	-28	SW	4	id$_o$	44	42	7	5	-	-	7	8	-	17	-	1
	Honiley	19·0	-36	SSW	4	d$_o$d$_o$	45	44	7	5	-	-	8	8	-	06	15	1
4	Little Rissington	20·8	-28	SSW	4	id$_o$	44	43	7	5	-	-	8	5	8	28	-	1
	Defford	20·0	-42	SSW	3	r$_o$r$_o$	47	45	6	5	-	-	8	8	-	20	-	1
5	Bristol	23·6	-22	SW	5	rr	46	44	7	5	-	-	8	8	-	-	-	1
	Hartland Point	20·9	-26	W	5	c	50	47	8	5	-	-	8	8	-	-	-	1
	Yeovilton																	
	Portland Bill	23·3	-18	W	4	0	49	47	7	5	-	-	8	8	-	10	-	1
	Exeter	24·0	-24	S	4	c	48	42	7	5	-	-	8	8	-	33	-	1
	Plymouth	25·5	-14	W	4	mo	48	47	8	8	-	-	7	4	7	20	25	1
	St. Eval	24·5	-26	SW	4	c	47	45	8	5	-	-	8	6	-	30	-	1
	Lizard	26·9	-20	W	5	c	48	46	7	8	-	-	8	6	4	15	-	0
	Guernsey	26·7	-22	WSW	5	c/d	46	45	7	5	7	-	7	4	5	15	25	1
	Scilly, St. Marys	24·1	-26	SW	5	c	50	46	8	5	-	-	8	8	-	-	-	1
6	Pairwood	21·3	-26	WSW	5	ir$_o$	49	47	6	5	-	-	8	4	8	15	25	1
	Pembroke	19·5	-32	WSW	7	r	50	50	7	5	-	-	8	8	-	20	-	2
	Aberporth	18·9	-32	SW	5	ir$_o$	49	47	7	5	-	-	8	8	-	08	-	1
7	Holyhead (Valley)	15·4	-30	WSW	5	c/r	50	50	6	5	-	-	8	8	-	05	-	1
	Hawarden	15·0	-46	WSW	5	c	52	46	8	5	7	-	8	4	7	25	-	1
8	Manchester	15·6	-42	S'W	5	c/d	47	45	7	5	-	-	8	7	-	33	-	1
	Squires Gate	14·5	-40	SW	6	r$_o$r$_o$	48	48	6	5	-	-	8	8	-	25	-	1
	Carlisle	10·4	-42	SW	5	d$_o$d$_o$	49	47	6	5	-	-	8	8	-	10	-	1
9	Finningley	15·4	-40	SSW	3	mo	46	43	6	5	-	-	6	4	8	21	57	1
10	Spurn Head	16·3	-30	SW'W	5	rr	44	44	7	5	-	-	8	8	-	-	-	1
	Leeming	12·9	-38	SSW	3	ir$_o$	49	44	8	5	5	2	8	5	2	18	57	0
	Tynemouth	10·9	-38	WSW	3	c	50	45	7	8	2	-	8	5	3	07 7	57	1
11	Acklington	10·2	-38	WSW	4	id$_o$	48	46	7	6	2	-	8	4	8	11	-	1
	St. Abb's Head	07·0	-42	NW	4	id$_o$	48	48	7	5	-	-	8	6	-	25	-	1
	Leuchars	06·7	-38	WSW	4	id$_o$	49	47	6	5	-	-	8	8	-	20	-	1
	Bell Rock	06·7	-40	SW'W	5	0	48	46	9	5	2	-	8	8	-	40	-	*
12	Renfrew	08·5	-32	SW	3	d$_o$d$_o$	50	48	7	5	2	-	8	4	8	12	15	1
	Prestwick	08·5	-28	SW	4	d$_o$d$_o$	50	48	9	5	-	-	8	5	8	04	08	1
	Wigtown	11·8	-32	WSW	5	mo	50	48	6	5	-	-	8	4	8	05	15	1
	Eskdalemuir	09·2	-28	SW'W	4	r$_o$r$_o$	47	46	6	5	-	-	8	4	-	06	-	1
	Point of Ayre	11·3	-34	WSW	6	c-bc/r	50	50	8	5	-	-	5	5	-	15	-	0
13A	Tiree	07·7	-2	W	3	dd	50	49	4	-	2	-	8	8	-	02	-	1
	Benbecula	05·5	0	SW	3	d$_o$d$_o$	48	48	6	-	2	-	8	8	-	08	-	1
13B	Stornoway	04·6	-6	W	4	mo	49	49	6	5	-	-	5	5	-	10	-	1
	Cape Wrath	02·7	-28	SW	4	ir$_o$	49	47	8	6	-	-	6	6	-	15	-	2
15	Dalwhinnie																	1
	Aberdeen	05·9	-30	S	1	rr	46	45	6	6	2	-	8	3	4	10	25	1
	Rattray	05·4	-34	SW	2	c/d	46	44	7	8	-	-	8	8	-	20	-	1
	Lossiemouth	04·6	-32	SSW	3	bc	47	46	7	5	-	-	4	4	-	25	-	1
	Wick	03·7	-30	SSW	2	bc	46	45	8	5	7	-	4	3	-	25	-	1
16	Hatston	03·5	-32	S'W	3	d$_o$d$_o$	46	46	6	5	-	-	5	5	-	10	-	1
	Lerwick	02·6	-38	SW	4	c/d	46	46	6	5	7	-	8	4	-	08	-	1
17	Blacknod Point †	13·1	-10	SSW	4	dd	51	51	6	5	2	-	8	5	-	08	-	1
18	Malin Head †	09·8	-6	W	4	d$_o$d$_o$	49	49	6	5	-	-	8	5	-	08	-	1
	Aldergrove	12·7	-10	SW	3	r$_o$r$_o$	50	50	5	5	-	-	8	8	-	02	-	1
	Cas. Archdale	12·0	-8	WSW	3	id$_o$	51	51	7	5	-	-	8	8	-	12	-	1
19	Birr Castle †	12·8	-24	SW	2	c	52	52	7	5	-	-	8	8	-	15	-	1
	Collinstown †	14·0	-22	SW'W	5	d$_o$d$_o$	50	48	6	5	-	-	8	8	-	05	-	1
20	Rineanna †	15·9	-20	SW'S	4	c/d	51	49	6	5	-	-	8	8	-	14	-	1
	Valentia †	17·5	-16	SW'S	4	d$_o$d$_o$	53	53	7	6	-	-	8	8	-	05	-	1
	Roches Point †	18·2	-28	WSW	4	id$_o$	51	51	8	5	-	-	8	8	-	08	-	1

OBSERVATIONS Tuesday NIGHT

District	Stations	Weather. 18h.-00h. (30)	Weather. 00h.-06h. (31)	Temperature 21h.-09h. Min. °F. (32)	Temperature 21h.-09h. Min. on Grass °F. (33)	Rain 21h.-09h. mm. (34)
1	Kew	c2$_o$	c2$_o$	44	43	0·3
	Croydon	c2$_o$	c1d$_o$bc$_{mo}$	43	41 37	-
	S. Farnborough	c	bcc	42	38	0·3
	Boscombe Down	c	cbcid$_o$c	41	37	0·6
	Calshot	c	c	45	43	"
	Tangmere	cm$_o$	cm$_o$	43	42	"
	Lympne	cm$_o$	cm$_o$	41	37	"
	Manston	c2$_o$	c2$_o$	42	40	-
2	Shoeburyness					
	Felixstowe	c	cbcm$_o$b	42	40	TR
	Gorleston	o2$_o$	bcir$_o$b	41	-	TR
	Mildenhall	c	cbcc	42	39	1
	West Raynham	cm$_o$cm$_o$	c2$_o$d$_o$d$_o$cm$_o$	41	39	1
	Waddington	cir$_o$	oir$_o$om$_o$ir$_o$	43	41	2
3	Cranfield	c	c	42	39	0·3
	Honiley	c	ccir$_o$cd$_o$d$_o$	42	39	0·3
4	Little Rissington	c	ccid$_o$m$_o$	42	41	0·4
	Defford	bcc	ccr$_o$m$_o$	43	38	0·4
5	Bristol	c2$_o$cm$_o$d$_o$c	ccrr	44	41	1
	Hartland Point	opr	c	46	46	0·6
	Yeovilton			49	38	-
	Portland Bill	cbc	o	48	-	-
	Exeter	cid$_o$r$_o$bd$_o$	c22	39	32	TR
	Plymouth	cm$_o$bc$_o$	cm$_o$d$_o$r$_o$m$_o$	45	43	0·2
	St. Eval	cpr bc	bccid$_o$c	46	42	1
	Lizard	bidc	c	46	•	2
	Guernsey	crocid$_o$	cd$_o$c	45	43	1
	Scilly, St. Marys	cpr o bc	drc	48	•	0·4
6	Pairwood	ccir$_o$r$_o$id$_o$	c id$_o$ irm$_o$	45	41	2
	Pembroke	cpr cpr	opr r o g	46	•	3
	Aberporth	cid$_o$d$_o$d$_o$id$_o$	c id$_o$ m$_o$ c ir$_o$	45	43	4
7	Holyhead (Valley)	c	cc r$_o$r$_o$rm$_o$	50	49	4
	Hawarden	c	cid$_o$c	49	46	1
8	Manchester	cm$_o$cid$_o$	cm$_o$rrid$_o$	43	42	3
	Squires Gate	cir$_o$m$_o$r$_o$	cl$_o$d$_o$cl$_o$m$_o$	46	44	3
	Carlisle	cr id$_o$cpr$_o$	cpl$_o$cddm$_o$	46	45	0·2
9	Finningley	cr$_o$cm$_o$	crm$_o$cm$_o$	43	42	6
10	Spurn Head	o m o	o r m$_o$	44	•	1
	Leeming	c	cir$_o$	47	46	-
	Tynemouth	id$_o$r m$_o$	cir$_o$m$_o$pr$_o$c	49	48	0·5
11	Acklington	ec ir	cir o id$_o$ o	45	43	1
	St. Abb's Head	cid$_o$	cp r c id$_o$ d d	45	•	0·2
	Leuchars	c o m r r	c m o r r id$_o$	43	40	3 5
	Bell Rock	c	c r r o	•	•	•
12	Renfrew	cm$_o$id$_o$cr$_o$r$_o$	cd$_o$d$_o$	47	42	2
	Prestwick	c id o m$_o$	cir$_o$d$_o$d o m$_o$	47	46	3
	Wigtown	d$_o$cr$_o$r$_o$rm$_o$	r r r c m$_o$	48	47	3
	Eskdalemuir	cd$_o$d$_o$r$_o$r$_o$	cr r r$_o$r$_o$m$_o$	43	42	0·6
	Point of Ayre	r o r o	cr o r$_o$c	48		3
13A	Tiree	c id$_o$ o r r m$_o$	o r r d d m$_o$	47	46	7
	Benbecula	cd o d$_o$ c r r o r p r m$_o$ d$_o$ d$_o$ m$_o$		47	45	5
13B	Stornoway	cb c r$_o$r$_o$r$_o$	c r$_o$r$_o$b c m$_o$	47	44	4
	Cape Wrath	c r r	c i r o	46	40	5
15	Dalwhinnie			42	40	2
	Aberdeen	bc b b c 2$_o$	c r r m$_o$	45	39	5
	Rattray	c	c m d	42		1
	Lossiemouth	cd$_o$d$_o$	c b c	40	40	4
	Wick	cid$_o$c	cr o r$_o$b c	43	41	3
16	Hatston	cpr o d$_o$d$_o$m$_o$	c r$_o$r$_o$d$_o$d$_o$m$_o$	45	43	3
	Lerwick	cd$_o$m$_o$c m	c o d$_o$d$_o$m$_o$c	44	31	2
17	Blacknod Point †	cd o d o	o d d m$_o$	49	•	3
18	Malin Head †		o d o d m$_o$	48	•	1
	Aldergrove	cid$_o$cr o r$_o$	cl o r$_o$ cl r$_o$ m$_o$	47	47	0·2
	Cas. Archdale	cir c c id$_o$	cid$_o$c e id$_o$	49	47	0·6
19	Birr Castle †		r	48	46	0·6
	Collinstown †	cr o r o	o d$_o$d$_o$m$_o$	46	45	1·4
20	Rineanna †	cr o c d o c	c d$_o$c	48	47	0·5
	Valentia †	c d d m o	o d$_o$d$_o$m$_o$	51	50	0·5
	Roches Point †	cr o r$_o$	c i d$_o$	48	•	0·5

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

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

Thursday 25th December 1947 — No. 31444

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	18·9	-14	SW	4	mo	49	45	6	6	2	–	8	3	7	15	40
	Croydon	19·9	-14	SSW	4	mo	49	43	6	5	–	–	8	4	8	12	15
	S. Farnborough	19·8	-14	SW'W	5	c	49	45	8	6	7	–	8	2	4	10	40
	Boscombe Down	20·7	-10	SSW	4	c	48	44	7	5	–	–	8	4	8	11	40
	Calshot	21·4	-14	SW'W	4	c	49	44	7	6	–	–	8	4	8	25	40
	Tangmere	20·8	-16	W	4	c	49	47	7	5	1	–	7	5	7	20	–
	Lympne	20·7	-4	SW	4	ir₀	48	45	7	5	–	–	8	2	8	15	25
	Manston	20·0	-14	SW	4	clr	47	43	7	5	7	–	8	3	8	25	–
2	Shoeburyness	19·7	-10	WSW	2	clr	48	45	6	5	–	–	8	8	–	25	–
	Felixstowe	17·5	-18	W'S	4	clr	47	45	6	5	–	–	8	8	–	30	–
	Gorleston	16·1	-20	SW	4	rdo	47	46	6	5	2	–	8	4	4	10	57
	Mildenhall	15·5	-18	SW	4	c	49	46	7	5	–	–	8	5	8	15	40
	West Raynham	14·8	-16	NW	5	c	47	45	7	5	–	–	8	5	8	10	40
	Waddington	14·3	-14	WSW	4	ido	49	47	5	5	–	–	8	5	8	8	25
3	Cranfield	17·7	-8	SW	5	c	47	45	8	5	–	–	8	5	8	10	25
	Honiley	16·7	-14	SW	5	ir₀	48	47	6	5	–	–	8	8	–	20	–
4	Little Rissington	17·8	-10	W	5	ir	46	43	6	5	–	–	8	5	8	4	8
	Defford	16·9	-10	SSW	4	dr	51	46	7	5	–	–	8	2	8	8	15
5	Bristol	19·3	-20	SW	4	dodo	48	46	6	5	–	–	8	8	–	10	–
	Hartland Point	18·6	-12	W	6	rr	49	49	6	6	2	–	8	4	4	–	–
	Yeovilton	20·2	-12	SW'S	3	clr	50	46	8	5	–	–	8	2	8	10	40
	Portland Bill	20·5	-22	W'S	6	c	51	49	7	5	–	–	8	8	–	10	–
	Exeter	21·3	-14	SSW	3	ido	51	45	8	5	7	8	8	4	3	20	57
	Plymouth	22·4	-16	W	5	ir₀	51	48	6	5	–	–	8	5	4	8	15
	St. Eval	22·2	-10	SW	5	id	49	48	6	5	–	–	8	4	8	3	15
	Lizard	23·2	-6	SW'W	5	c	51	47	8	5	–	–	7	7	–	15	–
	Guernsey	25·4	-6	SW	5	ido	47	47	7	5	–	–	8	4	5	4	15
6	Scilly, St. Marys	22·1	-10	SW	5	clp	52	48	8	8	7	–	8	4	4	17	57
	Fairwood	19·0	-10	SW	6	dr	49	49	4	5	–	–	8	8	–	10	–
	Pembroke	18·3	-4	WSW	7	dodo	51	51	6	5	–	–	8	8	–	20	–
	Aberporth	16·7	-10	SW	5	clr	51	51	7	5	–	–	8	8	–	6	–
7	Holyhead (Valley)	13·6	-10	SW	5	mo	51	51	6	5	–	–	8	6	8	8	57
8	Hawarden	13·7	-10	W'S	3	c	54	49	8	5	–	–	7	2	7	18	40
	Manchester	13·0	-12	SW	4	dodo	51	49	5	–	2	–	8	8	–	6	–
	Squires Gate	12·7	-8	WSW	4	mo	50	48	6	5	–	–	6	4	6	7	18
	Carlisle	08·7	0	W	4	mo	51	50	6	5	2	–	8	5	8	6	15
9	Finningley	12·1	-16	SSW	3	mo	51	49	6	5	–	–	8	8	–	20	–
10	Spurn Head	11·3	-16	SW'W	6	cq	49	46	6	8	–	–	8	7	–	–	–
	Leeming	09·5	-14	W	4	c	54	48	8	5	3	–	6	4	5	25	–
	Tynemouth	07·7	-10	W	4	mo	53	49	6	8	3	–	6	8	3	15	57
11	Acklington	06·9	-10	W	3	bc	53	47	8	5	–	–	4	4	–	25	–
	St. Abb's Head	05·4	-8	WNW	4	c-bc	51	47	7	7	–	–	5	5	–	30	–
	Leuchars	05·4	-2	WSW	4	c	51	47	8	5	–	7	8	3	7	25	–
	Bell Rock	05·6	-4	WSW	5	c	58	46	8	4	–	–	7	2	–	15	–
12	Renfrew	07·9	+2	SW	4	mo	50	49	7	5	–	–	7	4	4	6	15
	Prestwick	08·1	-6	WSW	4	rd	50	49	6	5	–	1	7	3	5	2	4
	Wigtown	10·0	-4	WSW	3	c	52	48	8	5	–	2	7	2	6	11	15
	Eskdalemuir	07·7	-6	W'S	4	cld	49	47	7	5	–	–	7	7	–	15	–
	Point of Ayre	10·5	-6	WSW	5	c	52	52	8	5	–	–	7	5	3	8	15
13A	Tiree	06·8	-10	SW'S	3	ido	48	48	4	5	–	–	8	8	–	3	–
13B	Benbecula	03·3	-18	WSW	4	dodo	48	48	5	5	–	–	8	8	–	20	–
	Stornoway	02·2	-20	SW	3	c	48	46	8	5	–	–	8	8	–	20	–
14	Cape Wrath	00·9	-10	SW	5	cF	47	47	1	–	–	–	9	9	–	0	–
15	Dalwhinnie																
	Aberdeen	04·0	-8	SW	1	mo	53	48	6	5	–	7	7	2	7	35	–
	Rattray	03·3	-2	W	2	bc	49	46	7	8	–	–	4	4	–	30	–
	Lerwick	03·3	+10	WSW	4	c	50	48	8	5	3	6	6	3	2	25	–
	Wick	02·1	-10	S	3	c	49	47	9	5	–	8	7	5	–	25	–
16	Hatston	00·8	-14	W	5	ido	49	48	5	5	–	–	7	2	5	3	4
17	Lerwick	99·3	-20	SW'W	5	dodo	46	46	5	5	–	–	8	8	–	1	–
18	Blacksod Point †	09·2	-18	SW'S	4	ido	53	53	7	6	–	–	8	8	–	8	–
	Malin Head †	07·7	-10	W	3	c-bc	50	48	8	5	–	–	5	5	–	15	–
	Aldergrove	10·4	-12	WSW	3	c	51	49	8	5	–	–	8	5	7	5	15
19	Cas Archdale	09·5	-16	SW	4	c	52	49	8	5	7	–	6	4	5	15	25
	Birr Castle †	10·3	-26	SW	2	c	54	54	7	5	–	–	8	8	–	15	–
20	Collinstown †	12·1	-10	SW'W	4	c	53	51	8	5	–	–	8	8	–	4	–
	Rineanna †	13·1	-18	SW	3	ido	52	50	7	5	2	–	8	8	–	10	–
	Valentia †	14·5	-12	SSW	4	dr	54	54	6	5	–	–	8	8	–	5	–
	Roches Point †	15·4	-18	WSW	4	dd	53	53	5	5	–	–	8	8	–	4	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1300.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ‡ 0–9 (33)
1	Kew	15·4	-18	SW'W	4	mo	50	46	6	5	–	–	8	8	–	55	–	1
	Croydon	16·3	-14	SSW	5	mo	50	46	6	5	–	–	8	8	–	11	–	1
	S. Farnborough	15·8	-18	SW'S	5	clr	50	47	7	5	–	–	8	8	–	10	–	1
	Boscombe Down	16·8	-18	SSW	5	rdo	49	47	7	5	–	–	8	5	8	14	25	1
	Calshot	17·8	-14	SW	5	c	49	44	7	5	–	–	8	6	8	20	40	1
	Tangmere	17·8	-12	WSW	5	mo	49	48	6	5	–	–	8	8	–	10	–	1
	Lympne	17·2	-12	SW	5	ir₀	48	46	8	5	–	–	8	8	–	8	–	1
	Manston	16·3	-10	SW'W	5	c	49	46	7	5	–	–	8	8	–	14	–	1
2	Shoeburyness	16·1	-30	WSW	3	mo	49	46	7	5	–	–	8	8	–	25	–	1
	Felixstowe	13·9	-14	W'S	5	mo	50	47	5	5	–	–	8	5	8	19	25	1
	Gorleston	12·3	-16	NW	4	mo	50	48	6	5	7	–	8	4	4	20	57	1
	Mildenhall	12·6	-10	SW	4	c	50	48	7	5	–	–	8	2	8	10	15	1
	West Raynham	11·5	-10	SW	5	mo	49	47	6	5	–	–	8	3	8	13	–	1
	Waddington	10·6	-14	WSW	4	mo	52	48	6	5	–	–	8	8	–	14	–	1
3	Cranfield	13·9	-14	SW'W	5	c	49	47	7	5	–	–	8	8	–	9	–	1
	Honiley	12·0	-16	SW	5	c	50	47	7	5	–	–	8	8	–	10	–	1
4	Little Rissington	13·9	-16	SW	5	rp	48	47	6	5	–	–	8	5	8	4	08	1
	Defford	13·3	-18	SSW	4	c	50	47	7	5	–	–	8	6	4	10	40	1
5	Bristol	15·5	-18	SSW	3	cld	50	48	7	6	–	–	8	5	8	10	15	1
	Hartland Point	13·7	-20	W	6	rr	50	50	6	6	–	–	8	8	–	–	–	1
	Yeovilton																	
	Portland Bill	17·1	-18	WSW	6	c	52	48	6	5	–	–	6	6	–	10	–	1
	Exeter	17·2	-18	SW'S	4	rdo	52	47	7	5	–	–	8	4	8	19	29	1
	Plymouth	17·7	-32	W	6	dodo	51	50	7	5	–	–	8	8	–	8	–	1
	St. Eval	17·3	-22	SW	5	rdo	50	50	6	5	–	–	8	5	8	3	8	1
	Lizard	18·6	-26	SW'W	6	rr	51	51	6	5	–	–	8	8	–	8	–	1
	Guernsey	21·6	-10	SW'W	5	b-rdld	49	47	8	5	–	–	8	3	7	6	15	1
6	Scilly, St. Marys	17·2	-22	SW	6	dr	52	52	6	5	–	–	8	8	–	–	–	1
	Fairwood	14·1	-22	SW	5	dd	50	50	4	5	–	–	8	8	–	3	–	1
	Pembroke	12·2	-24	WSW	7	rr	52	52	4	5	–	–	8	8	–	12	–	1
	Aberporth	11·9	-22	SW	4	rdo	51	51	6	5	–	–	8	8	–	6	–	1
7	Holyhead (Valley)	13·0	-20	SW	5	clr	51	51	5	5	–	–	8	8	–	4	–	1
8	Hawarden	10·7	-16	SSE	5	c	54	49	8	5	7	–	8	4	5	6	25	1
	Manchester	09·6	-10	SW	4	mo	52	49	6	5	–	–	8	5	8	17	25	1
	Squires Gate	08·1	-28	SW	5	cq	49	49	5	5	–	–	8	8	–	2	–	1
	Carlisle	04·7	-24	SW	4	ido	51	50	6	5	–	–	8	5	8	5	15	1
9	Finningley	08·5	-14	SSW	4	mo	53	48	6	5	–	–	8	8	–	10	–	1
10	Spurn Head	09·1	-12	WSW	4	o	51	49	6	5	–	–	8	8	–	25	–	1
	Leeming	06·3	-16	WSW	4	c	54	48	8	5	–	–	8	8	–	18	–	1
	Tynemouth	04·7	-14	W	3	c	54	46	7	8	–	–	7	7	–	18	–	1
11	Acklington	03·9	-14	WSW	5	c	51	46	8	5	–	–	7	4	–	15	–	1
	St. Abb's Head	01·1	-28	–	–	c	51	47	7	5	–	–	8	8	–	30	–	1
	Leuchars	00·8	-40	WSW	4	c	49	47	8	5	–	7	8	3	7	25	–	1
	Bell Rock	00·7	-20	W'S	7	c	56	46	8	5	–	7	8	3	3	25	–	1
12	Renfrew	02·4	-26	SSW	4	clr	51	47	6	5	1	–	8	5	8	18	–	1
	Prestwick	03·0	-28	SW'S	4	rdo	52	50	7	5	–	–	8	8	–	16	–	1
	Wigtown	05·4	-26	WSW	5	dodo	52	51	6	5	–	–	8	8	–	8	–	1
	Eskdalemuir	03·7	-36	SW'S	4	c	49	47	8	5	–	–	7	4	7	12	15	1
	Point of Ayre	05·5	-30	WSW	5	clr	53	52	7	5	7	–	8	3	5	8	25	0
13A	Tiree	01·1	-28	WSW	3	clr	49	48	6	5	–	–	8	5	8	6	15	1
13B	Benbecula	97·6	-24	SW	5	c	48	46	7	5	–	–	8	8	–	19	–	1
	Stornoway	96·2	-20	SW	5	c	47	44	8	5	–	–	8	4	8	12	–	1
14	Cape Wrath	93·3	-32	SW	7	c	47	47	8	6	2	–	8	6	5	15	–	1
15	Dalwhinnie	08·2	-16	SW	3	c-bc	46	41	7	2	6	–	6	5	3	10	–	0
	Aberdeen	08·5	-30	WSW	3	mo	48	44	6	–	7	7	8	3	8	–	–	1
	Rattray	07·6	-44	W	3	o	44	42	6	8	7	7	8	8	6	30	–	0
	Lerwick	07·0	-28	SW	4	c	50	43	7	8	7	7	8	8	6	20	–	0
	Wick	05·7	-26	S	3	c	46	45	8	5	3	7	8	2	4	40	–	1
16	Hatston	05·6	-26	SW'S	3	c	47	45	8	5	3	7	8	4	5	12	–	1
17	Lerwick	93·4	-36	SW	6	mo	46	45	8	6	6	5	8	8	5	8	–	1
18	Blacksod Point †	07·7	-4	W	5	c	51	47	8	5	5	–	8	5	8	8	–	1
	Malin Head †	07·2	-22	W	5	cdo	50	48	8	5	5	–	8	5	8	8	–	1
	Aldergrove	05·5	-22	SW	5	cld	51	50	7	5	–	–	8	5	8	5	15	1
19	Cas Archdale	05·9	-10	SW	5	clr	49	47	7	8	–	–	8	4	6	18	25	1
	Birr Castle †	09·0	-6	SW	2	c	52	50	7	6	2	–	8	5	6	8	–	1
20	Collinstown †	08·0	-14	WSW	4	dodo	52	50	7	5	–	–	8	8	–	8	–	1
	Rineanna †	11·2	+2	W'S	4	ido	50	48	7	5	7	–	8	6	7	14	–	1
	Valentia †	13·4	+10	W'S	4	c	51	47	7	5	–	–	8	7	7	22	–	1
	Roches Point †	12·0	-6	W	4	c-bc	52	52	8	5	–	–	8	7	7	15	–	1

OBSERVATIONS during DAY (24th)

District	Stations. (For heights see p. 4.)	Weather. 00h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	cr or mo	cmo	51	0·0	0·2
	Croydon	cmo ir₀ mo	cmo 2₀ mo	51	0·0	0·4
	S. Farnborough	cr or o c	cr or o b c c	50	0·0	0·2
	Boscombe Down	c i d o c	c c i d o	50	0·0	0·2
	Calshot	c c i r o c	c i d o c	50	0·0	0·2
	Tangmere	c c d o d o c	c c i d o c m o	50	0·0	0·2
	Lympne	c r o l o	c i r o	49	0·0	0·1
	Manston	c i r c	c r o r o c	50	0·0	1
2	Shoeburyness	c i r o m o	c m o	50	0·0	*
	Felixstowe	c r o r o m o	c u p c r r c m o	50	0·0	2
	Gorleston	o l o r a 2 o	o d d 2 o 0 2 o	51	0·0	1
	Mildenhall	c i r o c	c u r c	51	0·0	0·1
	West Raynham	c m o c r o m o c	c c c d c m o	50	0·0	1
	Waddington	c i d o m o	c c d o m o c m o	53	0·1	Tr
3	Cranfield	c r o l o c c	c	50	0·0	0·1
	Honiley	c d o d o c i r₀	c u r o c	50	0·0	0·1
4	Little Rissington	c i d o m o d r	c u r o m o	48	0·0	0·2
	Defford	c c i r o c	c	52	0·0	0·1
5	Bristol	r r o d o d o m o	d o c d d m o c d o	50	0·0	3
	Hartland Point	c p r r	c r	53	0·0	9
	Yeovilton	c i r o c i r o c				
	Portland Bill	c o	r r e	53	*	1
	Exeter	c c i d o	c c d o c c r r o	52	0·0	1
	Plymouth	c m o i r o	c u r d o d o m o	52	0·0	1
	St. Eval	c c i d m o	c d o m o c r o m o	52	0·0	1
	Lizard	c q	c o r r r m	52	0·0	1
	Guernsey	o d o d o	d	49	0·2	0·2
6	Scilly, St. Marys	c	p r r r o d o d o	53	0·0	1
	Fairwood	c d o l o m o	c d d c l w	51	0·0	1
	Pembroke	p a m r r p a m	o q w d d r r	52	0·0	5
	Aberporth	c r o l o r o c	c r z m o	52	0·0	–
7	Holyhead (Valley)	ir₀ c m o	c m o o m o i r₀	51	0·0	3
8	Hawarden	c l o b c	c [illegible]	55	0·2	Tr
	Manchester	c d o d o m	c	53	0·0	0·3
	Squires Gate	r o l o d o d o m o c	c i d o m o o [illegible]	52	0·0	0·3
	Carlisle	c d d m o c i d o m o	c d d c l d o m o	52	*	1
9	Finningley	c m o i d o	c r d o c m o	54	3·6	0·3
10	Spurn Head	c m o	o d o	52	0·0	Tr
	Leeming	c i r o	d b c c	53	–	0·1
	Tynemouth	c m o	c m o c	54	–	–
11	Acklington	o b c	c	54	1·7	–
	St. Abb's Head	o c	b c m o b c	52	*	Tr
	Leuchars	c i d o m o b c c	d	52	2·0	0·1
	Bell Rock	c c	c	*	*	*
12	Renfrew	c m o i d o	c i r o i d o	52	0·0	0·4
	Prestwick	d o d o c i d o m o	c r d o	53	*	0·1
	Wigtown	d d m o c	c d o d o m o	52	*	1
	Eskdalemuir	c m o d o m o c	c	51	0·0	0·4
	Point of Ayre	o c	c d d v c	54	0·4	1
13A	Tiree	o d c i d m	c d o d o r v i m o	50	0·0	1
13B	Benbecula	o c d d o m	r m c i m c	48	*	2
	Stornoway	c m o , b c , c	c u d c l i r	50	0·2	2
14	Cape Wrath	d g d g	c r c	49	*	3
15	Dalwhinnie		c	49	*	–
	Aberdeen	c r o c m o	c m f c m o	53	1·1	–
	Rattray	b c b c	c c	51	1·7	–
	Lerwick	b c c	c	51	1·7	–
	Wick	c i p c	c	49	0·2	–
16	Hatston	c d o d o m o	c r d o m p c	49	0·0	1
17	Lerwick	c o d o d o m o	a d o d o r o m o	47	0·0	0·4
18	Blacksod Point †	i d o	c	52	*	0·4
	Malin Head †	c b c	d	51	0·1	0·2
	Aldergrove	c i d o c	d	52	0·0	Tr
19	Cas Archdale	c i d o c	r	52	*	0·2
	Birr Castle †	c	r d d r r	54	0·0	0·2
20	Collinstown †	c		54	0·0	0·2
	Rineanna †	i d o		54	0·0	0·3
	Valentia †	d r		54	0·0	0·3
	Roches Point †	d d		54	*	0·2

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

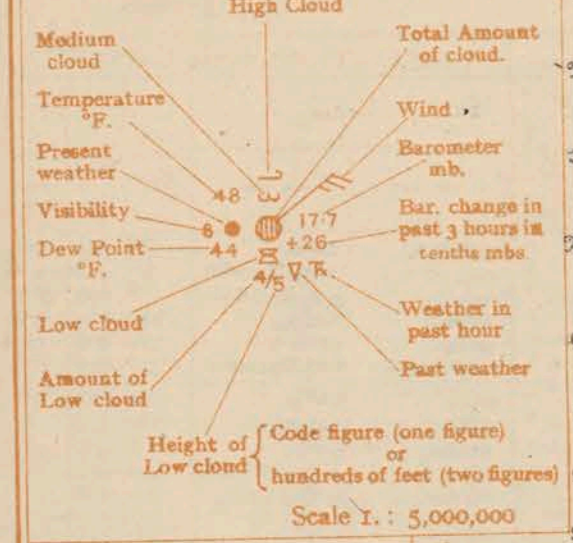
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.
‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Thursday, 25th December. 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	09h %
				°F.	°F.	°F.	mm.	mm.	Yesterday		Today
Kew ...	cv cv cu	cu	cv cb cu	51	48	44	0·3	0·6	0·0	*	*
Croydon ...	cu cu cu	cu cu cu	cv cv cu	51	47	44	0·6	0·6	0·0	85	85
Greenwich ...	cv	c	cu cb c	51	47	41	0·2	1·3	—	82	83
Westminster	*	*	*	52	47	43		1·4	*	87	85
Regents Park	*	*	*								
Camden Square	c	c	*	51	47	44	0·2	1·8	*	*	88
Kensington ...	ccp	cc	*	51	48	41	Tr	1·5	*	85	85
Hampstead ...	cv	cv	cv	49	46	39	1·1	1·8		*	91

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h 25. Max. < 0.1 Whole of period

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

GENERAL INFERENCE

A depression South East of Iceland is moving South East. A ridge of high pressure over Mid-Atlantic is moving towards the British Isles. There will be fair periods and local showers in the North, heavy at times with risk of thunder locally and with some sleet or snow on high ground. Westerly gales at exposed places in the Northern half of the country will decrease slowly. In the South there will be bright periods and scattered showers. It will be rather cold with local ground frost in sheltered areas.

FURTHER OUTLOOK

Probably unsettled and stormy with rain at times in most districts.

Gale Warnings
All coasts North of line Aberystwyth to River Blackwater including Northern Ireland.

Chart of Weather in the Northern Hemisphere.

Morning of

Thursday 25th December

1947

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

Statute Miles 0 1 2 3 4 5 6

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

All times are G.M.T.

Page 4.

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

~~Thursday~~ Friday 25th December 1947 — No. 3144/4

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point. °F. (7)	Visibility. (8)	Cloud. Form. Low. (9a)	Cloud. Form. Med. (9b)	Cloud. Form. High. (9c)	Cloud. Amount. Total. (10)	Cloud. Amount. Low. A. (11)	Cloud. Amount. Low. B. (12)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16		*	*	*	*	50	*	*	*	*	*	*	*	*	08	15
	Croydon ...	217	12·8	+18	SSW	5	fo/fo	51	48	6	5	2	-	8	5	3	08	-
	S. Farnborough	208	12·5	+18	SW/S	5	fo/fo	51	49	6	5	-	-	8	4	4	10	-
	Boscombe Down	417	14·0	+14	SSW	5	do/fo	51	50	7	5	-	-	8	4	4	09	25
	Calshot	8	16·0	+10	SW	5	fo/fo	49	48	7	5	-	-	8	4	4	10	-
	Tangmere	53	14·9	-14	WSW	5	fo/fo	50	50	7	5	-	-	8	4	4	10	-
	Lympne ...	341	4·2	-20	SW/S	6	df/fo	47	47	2	9	9	-	9	5	4	0	-
	Manston ...	140	13·4	-18	SW/W	6	fo/fo	50	48	7	5	-	-	8	4	4	06	15
2	Shoeburyness	11																
	Felixstowe ...	10	11·3	-14	SW/W	5	rr	49	47	6	5	-	-	8	4	4	15	-
	Gorleston ...	5	09·9	-16	WSW	4	mo	51	48	6	5	-	-	8	4	4	25	-
	Mildenhall	15	09·1	-20	SW	5	RR	51	50	7	5	-	-	8	3	3	16	-
	West Raynham	250	08·5	-6	SW	6	do/do	51	47	6	5	-	-	8	3	3	08	-
	Wyddington	235	07·7	-16	SW	4	mo	51	49	6	5	-	-	8	3	3	14	-
3	Cranfield ...	340	10·3	-16	SW/W	5	c/r	51	49	6	5	-	-	8	3	3	07	-
	Honiley ...	427	08·9	-19	NW	5	c/r	50	49	7	7	-	-	7	3	2	07	-
4	Little Rissington	731	10·7	-8	~~SW~~	6	c/r	50	49	6	5	-	-	8	5	3	04	08
	Defford ...	58	10·1	+10	SSW	3	c-bc	53	49	7	5	-	-	8	5	3	18	-
5	Bristol ...	209	12·8	-6	W	6	do	51	50	6	5	-	-	8	4	4	07	-
	Hartland Point	299	13·1	+4	W	5	c	49	49	7	7	-	-	7	-	-	-	-
	Yeovilton	50																
	Portland Bill	32	14·0	+18	WSW	7	do/do	52	50	6	5	-	-	8	6	6	10	-
	Exeter ...	100	14·3	+12	W	4	r/fo	54	51	7	5	-	-	8	4	4	15	40
	Plymouth ...	86	15·5	+10	WNW	3	c/d	52	51	7	5	-	-	8	5	3	15	-
	St. Eval ...	343	16·3	+2	WSW	4	c	50	50	7	5	-	-	8	5	3	15	-
	Lizard ...	240	17·3	-4	NW/W	3	c/d	55	51	7	5	-	-	8	6	5	10	-
	Guernsey ...	340	18·6	+16	SW	6	c/d	50	50	7	5	-	-	8	5	3	10	15
	Scilly, St. Marys	163	16·3	+2	W	5	c-bc	51	50	9	5	-	5	5	3	4	-	-
	Fairwood	268	12·3	+2	W	6	c-bc	50	47	8	5	-	5	5	3	4	07	15
6	Pembroke ...	142	11·9	+4	W/N	6	c-bc	51	49	8	5	-	5	5	4	-	25	-
	Aberporth ...	425	11·2	+4	WSW	4	c-bc/pr	48	46	8	8	-	-	5	4	5	20	25
7	Holyhead (Valley)	32	08·4	+6	SW	4	bc	49	47	7	5	-	-	9	4	-	30	-
	Hawarden	15	08·3	+2	NW	5	bc/pr	52	46	8	5	-	-	9	5	4	25	40
8	Manchester	230	07·0	-6	W/S	4	c-bc/r	50	46	7	5	-	-	9	4	5	30	-
	Squires Gate	33	07·0	+2	WSW	5	bc	49	46	7	5	-	-	9	4	5	25	-
	Carlisle	100	02·3	0	WSW	6	c	49	45	7	5	-	-	8	5	3	20	-
9	Finningley	28	05·9	+6	WNW	4	r/fo	53	50	5	5	-	-	8	8	-	15	-
10	Spurn Head	29	06·3	-10	WSW	4	mo	52	50	6	5	-	-	8	8	-	-	-
	Leeming	105	03·6	-10	WSW	6	bc	53	46	8	5	-	-	8	3	3	20	-
	Tynemouth	108	01·2	-6	W	4	c-bc	52	43	7	5	-	-	8	4	4	18	-
	Acklington	138	99·9	-18	W	5	c-bc	53	50	7	5	-	-	8	3	3	15	-
11	St. Abb's Head	280	97·8	-18	W	5	c-bc	49	42	7	5	-	-	8	4	4	35	-
	Leuchars ...	31	97·5	-2	WSW	5	c	49	43	7	5	-	-	8	4	4	25	-
	Bell Rock ...	—	96·5	-20	W/S	5	bc	49	43	8	5	-	-	8	4	4	15	-
12	Renfrew	35	00·5	-2	W	3	pr	47	42	7	5	-	-	8	4	4	15	25
	Prestwick ...	30	01·4	-2	WSW	4	pr	48	43	8	8	-	-	8	3	4	25	40
	Wigtown	10	03·3	-10	WNW	4	c-bc	50	48	8	8	-	-	8	3	4	10	40
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	04·5	0	W	5	c/pr	49	46	8	8	-	-	7	4	4	18	25
13A	Tiree ...	44	99·2	-6	W	6	r	45	40	7	5	-	-	7	7	-	08	-
	Benbecula ...	27	99·9	-10	WSW	7	c-bc	46	37	8	5	2	-	7	3	-	18	-
13B	Stornoway ...	12	02·0	-26	SW	5	c/pr	43	38	7	8	-	-	8	4	4	15	-
	Cape Wrath	367	89·4	-24	SW	7	c-bc	45	35	8	7	-	-	8	5	3	20	-
13	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79						48										
	Rattray ...	46	94·2	-22	SW	3	c	45	44	7	8	-	-	8	8	-	25	-
	Lossiemouth	21	94·2	-8	WSW	6	c-bc	48	44	8	8	-	2	8	3	-	-	-
	Wick ...	114	92·1	-12	WSW	5	c	43	37	8	8	-	7	7	4	3	-	-
16	Hatston ...	45	90·7	-18	W	5	c-bc/r	43	37	7	8	3	-	5	4	4	12	25
	Lerwick ...	269	86·4	-28	WSW	6	mo	45	41	8	8	3	-	5	5	-	15	-
17	Blacksod Point †	18	07·4	-2	W	5	c-bc	45	41	8	8	3	-	5	3	-	15	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	05·7	+6	W/S	4	c-bc	46	42	8	5	-	-	5	3	4	15	40
	Cas. Archdale	225	05·7	+2	SW	3	bc	44	39	8	3	-	-	4	4	-	25	-
19	Birr Castle ... †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	07·9	-6	W	3	pr	47	45	7	7	-	-	7	7	-	13	-
20	Rineanna ... †	13	11·2	+2	WSW	3	c	46	42	8	7	-	-	7	5	-	15	-
	Valentia ... †	30	15·3	+2	WSW	4	pr	50	43	8	7	1	-	7	5	-	23	-
	Roches Point †	22	12·7	+4	W	4	c/d	50	50	8	5	-	-	6	6	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25a)	Cloud. Form. Med. (25b)	Cloud. Form. High. (25c)	Cloud. Amount. Total. (26)	Cloud. Amount. Low. A. (27)	Cloud. Amount. Low. B. (28)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. (33)	Weather. 18h.–00h. (29)	Weather. 00h.–06h. (30)	Temperature 12h.–09h. Min. °F. (34)	Temperature 12h.–09h. Min. on Grass °F. (35)	Rain 12h.–09h. mm. (36)
10·0	-6	WSW	3	mo	42	41	6	5	-	-	3	3	0	25	-	1	err	ccr	48	44	0·6
10·6	-4	SW	3	mo	48	42	6	5	-	-	3	3	0	25	-	1	cr	crm	47	44	0·6
10·5	-10	WSW	5	DC	49	44	7	5	-	-	4	4	0	22	-	1	ccr	cm	48	45	0·3
12·1	-10	SW	4	do	47	46	7	5	-	-	8	5	3	12	15	1	cld	ccd	47	44	1
12·8	-2	WSW	4	c-bc	49	46	7	5	-	-	8	5	3	20	-	1	cld	ccr	48	41	3
11·6	-8	W	4	mo	50	47	7	5	-	-	8	5	3	20	-	1	cm	cm	47	42	3
10·7	-18	SW	4	c	48	48	7	5	-	-	8	5	3	7	-	1	cr	cd	45	43	1
10·0	-17	W	4	c-bc	50	48	7	5	-	-	8	5	3	14	-	1	cr	cd	44	44	0·3
09·2	-18	W	3	mo	48	43	7	5	-	-	8	5	3	-	-	1	cr	cm	46	40	1
10·0	+2	SW/W	4	mo	50	47	6	5	-	-	8	4	4	12	-	1	cr	cm	47	43	2
07·1	-14	W/SW	4	bc	51	47	7	5	-	-	8	4	4	30	-	1	cz	cbc	48	*	2
07·3	-6	SW	5	b-bc	49	46	7	5	-	-	8	3	3	35	-	1	crr	RR	47	44	3
06·3	-8	WSW	5	b-bc	47	45	7	5	-	-	8	3	3	25	-	1	cm	cd	46	41	1
06·2	-10	W	4	c-bc	48	45	7	5	-	-	8	3	3	35	-	1	cm	cd	43	41	-
08·4	-6	SW/W	4	KZ	46	43	7	5	-	-	8	3	3	30	-	1	cc	cm	45	-	1
07·6	-6	WSW	3	do	48	45	7	5	-	-	8	2	3	8	-	1	cc	cir	44	39	0·5
08·7	-10	WSW	4	c-bc	45	43	8	5	-	-	5	4	0	15	-	1	cir	cm	45	45	0·5
09·1	-6	WSW	3	bc	48	45	7	5	-	-	4	4	0	25	-	1	cr	cb	47	40	0·2
11·9	-8	W/SW	5	b	49	47	7	8	-	-	2	2	0	10	-	1	cr	cb	48	44	3
11·0	-16	WNW	5	c-bc	50	48	8	8	2	-	5	4	3	-	-	1	cir	cb	47	47	3
																			47	44	1
12·3	-10	W	6	c	51	47	7	5	-	-	6	6	0	10	-	1	ir	c	50	•	0·1
12·7	-6	SW/W	2	bc	49	47	7	5	-	-	4	2	0	13	14	1	cir	cr	48	42	-
13·6	-14	W	4	c-bc/r	50	48	7	5	-	-	4	2	0	8	-	1	cd	cm	49	46	1
13·9	-14	WSW	4	c	50	49	7	5	-	-	5	3	0	15	-	1	cd	cc	48	46	1
14·0	-2	W/N	4	c-bc	50	49	7	5	-	-	5	3	0	15	-	1	dd	c	49	•	1
15·3	-14	W/N	4	do	51	51	7	5	-	-	5	3	0	6	-	1	cp	cld	48	46	3
13·7	-18	WSW	5	c	51	49	8	5	-	-	6	6	0	-	-	1	od	e	50	•	0·2
10·5	-14	W	5	do	48	46	7	5	-	-	8	4	4	10	-	1	cd	fc	46	43	1
09·8	-12	W	6	bc	50	45	7	7	-	-	8	4	4	25	-	1	am	dc	43	•	0·2
09·7	-10	SW	3	c-bc	45	42	8	8	-	-	5	3	4	20	-	1	cld	cpr	45	41	0·6
06·8	-14	SW	5	c	47	40	7	8	5	-	7	4	4	25	-	1	cir	bc	46	41	0·3
08·1	-2	WSW	2	bc	46	39	8	7	-	-	8	4	4	25	-	1	cc	cc	44	36	0·1
06·0	-2	WSW	4	b	45	39	7	8	-	-	8	3	4	-	-	1	cm	bc	42	39	3
05·5	-8	WSW	4	bc	46	41	7	7	-	-	6	4	2	20	-	1	cm	cd	45	42	3
00·8	-10	WNW	4	b-bc	44	38	7	7	-	-	6	3	3	20	-	1	cld	cc	39	34	Tr
04·4	-8	W	3	bc/pr	47	42	7	5	-	-	8	4	4	-	-	1	cm	cm	45	40	0·3
04·7	-8	W/S	4	c	48	46	7	5	-	-	8	8	0	-	-	1	cm	cm	44	•	-
01·0	-16	W	6	b	46	37	7	5	-	-	8	1	0	25	-	1	cir	bc	41	40	Tr
99·4	-12	W	4	q	45	35	7	5	-	-	8	3	0	18	-	1	cpr	c	44	40	Tr
97·9	-6	WNW	7	b	44	37	7	5	-	-	2	2	0	25	-	1	c	b	41	39	-
96·0	-12	W	6	q	42	32	8	5	-	-	3	3	0	35	-	1	oi	bcpr	40	•	Tr
96·1	-12	W/SW	5	b	41	35	8	5	-	-	2	1	0	25	-	1	do	cb	38	•	Tr
95·4	-24	W/SW	5	c-bc	44	37	8	5	-	-	5	5	0	25	-	1	c	be	39	32	3
97·9	-16	SW	5	pr	43	39	6	5	-	-	9	9	-	15	-	1	cir	bcpr			44
98·9	-18	WSW	5	c	44	39	7	8	-	-	6	3	6	25	40	1	cld	cpr	41	39	2
02·0	-14	WSW	4	pc	43	38	8	8	-	-	4	3	4	12	40	1	cd	bc	42	39	1
99·7	-26	WSW	4	bc	40	37	8	8	-	-	4	4	0	25	-	1	cr	cr	35	34	5
03·0	-10	W/SW	6	bc/ip	41	36	8	8	-	-	3	2	0	15	-	0	c	bc	39	*	-
96·0	-18	W/SW	7	bc/pr	43	33	8	8	-	-	6	3	3	12	-	1	cm	cir	41	38	1
92·3	-14	W/SW	8	pr	43	35	8	7	-	-	6	4	2	8	-	1	cpr	bc	39	36	2
89·0	-18	WSW	7	bc	42	33	8	7	-	-	7	4	3	8	-	1	cr	cpr	36	32	5
84·6	-14	W	8	bc/pr	42	33	8	8	-	-	4	4	0	20	-	1	c	bc	38	33	2
92·2	-22	W/SW	4	b	42	32	8	5	-	-	1	1	0	35	-	1	cir	cm	40	34	0·1
91·0	-28	W	4	b	40	32	7	8	-	-	2	2	0	35	-	1	cpr	bc	38	-	-
91·4	-16	WSW	5	b-bc/pr	39	34	8	8	-	-	3	2	0	35	-	1	cr	bc	39	38	0·1
87·8	-14	WSW	6	bc/pr	38	33	8	8	-	-	2	2	0	25	-	1	cr	c	36	33	1
86·1	-16	W	7	thr	40	35	7	8	3	-	3	3	0	18	-	1	cld	cpr	38	36	2
80·6	-42	W/SW	8	c-bc/pr	41	36	8	8	3	-	5	5	0	18	-	1	cr	cm	37	35	3
04·9	-8	W	7	bc/pr	46	35	8	8	3	-	5	4	0	8	-	1	bc	cpr	41	•	3
99·3	-20	NW/W	6	pr	44	37	8	8	3	-	5	4	0	25	-	1	cbc	bc	40	35	3
92·9	-22	SW	4	bc	41	37	8	8	3	-	5	4	0	25	-	1			39		0·1
03·1	-14	WSW	5	pr	42	38	7	8	3	-	6	4	0	15	-	1	cir	bc	40	36	2·6
06·5	-14	SW	5	c-bc	40	36	8	8	3	-	6	3	0	12	-	1	cpr	bc	40	37	1
06·2	-10	W/SW	5	bc/pr	43	39	8	8	3	-	6	3	0	25	-	1	cpr	cpr	41	38	0·3
08·8	-10	W/SW	4	pr	45	38	8	8	3	-	6	3	0	25	-	1	c	cpr	43	40	3
10·2	-18	W/SW	5	pr	46	42	8	8	3	-	6	3	0	25	-	1	cpr	cpr	44	41	0·2
10·7	-16	W/N	3	b-bc	47	43	8	8	3	-	6	3	0	25	-	1	cdc	cbc	45	•	

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

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

Friday 26th December 1947

No. 31445

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp °F (6)	Dew Point °F (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12a)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	28·4	-20	WSW	4	c	50	43	7	5	-	-	6	3	4	21	40
	Croydon	29·2	-14	SSW	5	20	51	45	7	5	-	-	6	3	4	14	40
	S. Farnborough	29·9	-14	SW	5	c	50	45	7	5	-	-	6	3	4	20	-
	Boscombe Down	30·7	-14	SSW	4	c	47	46	7	5	-	-	6	3	3	20	25
	Calshot	30·6	-20	SW	4	c	50	43	7	5	-	-	6	3	3	20	25
	Tangmere	30·8	-14	WSW	4	c	51	50	7	5	-	-	6	3	3	20	25
	Lympne	29·8	-18	SW	4	c	49	47	8	5	-	-	6	3	4	12	-
	Manston	29·7	-10	SW	4	c	49	46	8	5	-	-	6	3	3	15	-
2	Shoeburyness	30·0	-14	W	4	c	49	43	8	5	-	-	6	3	3	20	-
	Felixstowe	28·2	-10	W	4	c	48	46	7	5	-	-	6	3	3	20	-
	Gorleston	29·3	-8	W	4	c-bc	48	42	7	5	-	-	6	3	3	20	-
	Mildenhall	29·4	-14	SW	4	c	49	44	8	5	-	-	6	3	3	25	40
	West Raynham	29·0	-14	SW	4	bc	46	39	7	5	-	-	6	3	3	25	-
	Waddington	29·8	-16	SW	5	b	47	39	8	5	-	-	6	3	3	25	-
3	Cranfield	29·9	-10	WSW	4	c-bc	48	45	8	5	-	-	6	3	3	25	-
	Honiley	29·7	-14	WSW	4	c-bc	48	45	8	5	-	-	6	3	3	12	-
4	Little Rissington	29·9	-14	W	4	c	45	40	7	5	-	-	6	3	3	15	-
	Defford	29·8	-18	WSW	5	c	49	39	8	5	-	-	6	3	3	25	-
5	Bristol	29·8	-20	WSW	5	c	49	39	8	5	-	-	6	3	3	25	-
	Hartland Point	29·9	-24	WNW	4	c	48	46	7	5	-	-	6	3	3	20	-
	Yeovilton																
	Portland Bill	30·1	-22	WSW	5	c	47	43	8	5	-	-	6	3	3	20	-
	Exeter	30·1	-26	WSW	5	c	49	47	8	5	-	-	6	3	3	20	-
	Plymouth	30·9	-22	WNW	5	c	51	48	8	5	-	-	6	3	3	20	-
	St. Eval	31·3	-18	SW	4	c	50	48	8	5	-	-	6	3	3	20	-
	Lizard	31·5	-24	W	4	c	50	48	8	5	-	-	6	3	3	20	-
	Guernsey	33·8	-12	WSW	5	c	50	49	8	5	-	-	6	3	3	20	-
	Scilly, St. Marys	31·6	-14	SW	5	c	52	50	8	5	-	-	6	3	3	20	-
6	Fairwood	28·1	-20	W	5	c	46	42	7	5	-	-	6	3	3	20	-
	Pembroke	28·4	-18	W	5	c	46	45	7	5	-	-	6	3	3	20	-
	Aberporth	27·2	-18	WSW	4	bc	47	38	8	5	-	-	6	3	3	20	-
7	Holyhead (Valley)	31·1	-10	SW	5	bc	47	40	8	5	-	-	6	3	3	25	-
	Hawarden	30·4	-10	W	5	b-bc	48	37	8	5	-	-	6	3	3	25	-
8	Manchester	30·6	-14	WSW	5	c	47	38	8	5	-	-	6	3	3	25	-
	Squires Gate	30·1	-6	W	5	c-bc	47	38	8	5	-	-	6	3	3	25	-
	Carlisle	29·5	-6	W	5	c-bc	43	35	8	5	-	-	6	3	3	25	-
9	Finningley	29·7	-8	WSW	5	b-bc	47	36	7	5	-	-	6	3	3	20	-
10	Spurn Head	29·3	-10	SW	5	mo	46	42	7	5	-	-	6	3	3	25	-
	Leeming	30·1	-12	W	5	b-bc	44	37	7	5	-	-	6	3	3	20	-
	Tynemouth	29·7	-6	W	4	c	44	34	7	5	-	-	6	3	3	20	-
	Acklington	29·3	-10	W	6	bc	43	36	8	5	-	-	6	3	3	20	-
11	St. Abb's Head	29·8	-16	W	6	c	39	36	8	5	-	-	6	3	3	20	-
	Leuchars	29·5	-14	WSW	5	bc	41	36	8	5	-	-	6	3	3	25	-
	Bell Rock	29·4	-14	WSW	5	b-bc	41	36	8	5	-	-	6	3	3	25	-
12	Renfrew	29·2	-6	SW	5	c	43	38	8	5	-	-	6	3	3	25	-
	Prestwick	29·8	-2	WSW	5	c	43	39	7	5	-	-	6	3	3	20	-
	Wigtown	30·8	-8	W	5	bc	43	36	8	5	-	-	6	3	3	20	-
	Eskdalemuir	29·2	-8	WSW	5	c	39	35	8	5	-	-	6	3	3	20	-
	Point of Ayre	31·6	-10	W	6	b	45	36	8	5	-	-	6	3	3	20	-
13A	Tiree	29·9	-2	W	6	c	42	36	7	5	-	-	6	3	3	20	-
	Benbecula	29·2	-2	W	6	c	43	38	7	5	-	-	6	3	3	20	-
13B	Stornoway	29·5	-4	W	6	c	42	37	7	5	-	-	6	3	3	20	-
	Cape Wrath	29·1	-14	W	8	c	42	37	7	5	-	-	6	3	3	20	-
15	Dalwhinnie																
	Aberdeen	30·4	-14	WSW	5	b-bc	43	34	8	5	-	-	6	3	3	20	-
	Rattray	29·5	-22	W	5	b-bc	40	34	8	5	-	-	6	3	3	20	-
	Lossiemouth	29·6	-8	SSW	6	bc	41	34	8	5	-	-	6	3	3	20	-
	Wick	29·8	-6	WSW	6	c	39	34	8	5	-	-	6	3	3	20	-
16	Hatston	29·7	-10	WSW	6	c	44	33	8	5	-	-	6	3	3	20	-
	Lerwick	27·2	-16	WSW	6	c	42	35	8	5	-	-	6	3	3	20	-
17	Blacksod Point†	29·9	-18	W	6	c	44	33	8	5	-	-	6	3	3	20	-
18	Malin Head †	28·2	-2	NW	5	c	44	33	8	5	-	-	6	3	3	20	-
	Aldergrove	29·9	-10	SW	5	bc	41	37	8	5	-	-	6	3	3	20	-
	Cas. Archdale	29·6	-6	SSW	6	c	41	33	8	5	-	-	6	3	3	20	-
19	Birr Castle … †	29·4	-26	SW	6	c	41	33	8	5	-	-	6	3	3	20	-
	Collinstown †	29·3	-22	SW	6	c	40	33	8	5	-	-	6	3	3	20	-
20	Rineanna †	29·5	-20	SW	6	c	41	34	8	5	-	-	6	3	3	20	-
	Valentia †	29·7	-26	SW	6	c	41	34	8	5	-	-	6	3	3	20	-
	Roches Point †	29·6	-30	W	6	c	41	34	8	5	-	-	6	3	3	20	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

District	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp °F (22)	Dew Point °F (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. †† 0–9 (33)
1	Kew	01·2	-40	WSW	2	Hr	46	44	6	5	-	-	8	5	8	18	40	1
	Croydon	01·1	-54	SW	3	c	44	42	5	5	-	-	7	5	4	20	-	1
	S. Farnborough	01·9	-42	W	4	c	45	43	5	5	-	-	7	5	5	7	15	1
	Boscombe Down	00·9	-58	SSW	3	c	41	40	7	5	-	-	7	7	-	25	-	1
	Calshot	03·2	-38	W	3	c	46	44	7	5	-	-	8	8	-	10	-	1
	Tangmere	02·7	-40	SW	4	Hr	48	46	6	5	-	-	8	8	-	8	-	1
	Lympne	03·3	-48	SW	1	c	47	47	6	5	-	-	5	5	-	30	-	1
	Manston	03·4	-30	WSW	2	c	45	44	7	5	-	-	5	5	-	30	40	1
2	Shoeburyness	01·7	-42	-	0	c	45	44	6	5	-	-	8	5	-	30	-	1
	Felixstowe	02·4	-38	SW	3	mo	44	43	6	5	-	-	8	5	-	30	-	1
	Gorleston	01·7	-36	SW	3	c	45	40	7	5	-	-	8	5	-	30	-	1
	Mildenhall	01·0	-44	S	2	c	45	41	7	5	-	-	8	5	-	50	-	1
	West Raynham	00·6	-38	SSW	2	c	43	39	7	5	-	-	8	5	-	30	-	1
	Waddington	00·6	-34	S	2	c	43	39	7	5	-	-	8	5	-	30	-	1
3	Cranfield	01·2	-50	SW	3	bc	43	41	7	5	-	-	8	5	-	80	-	1
	Honiley	00·3	-32	S	2	c	43	42	7	5	-	-	8	5	-	80	-	1
4	Little Rissington	99·9	-48	SW	4	c	42	39	6	5	-	-	8	5	-	40	15	1
	Defford	99·3	-58	SSW	2	c	43	41	7	5	-	-	8	5	-	25	-	1
5	Bristol	00·7	-46	SW	6	c	45	43	7	5	-	-	7	5	-	10	15	1
	Hartland Point	00·9	-22	WSW	5	c	45	41	8	5	-	-	7	5	-	15	-	1
	Yeovilton																	
	Portland Bill	03·4	-42	W	7	c	48	41	6	5	-	-	6	3	3	10	-	1
	Exeter	02·8	-30	W	6	bc	46	40	6	5	-	-	6	3	3	20	-	1
	Plymouth	04·9	-44	W	6	c	47	40	6	5	-	-	6	3	3	20	-	1
	St. Eval	06·2	-2	W	7	c	47	42	7	5	-	-	6	3	3	15	-	1
	Lizard	06·8	-10	W	7	c	48	42	7	5	-	-	6	3	3	15	-	1
	Guernsey	07·7	-26	W	7	c	48	46	6	5	-	-	8	5	5	4	8	1
	Scilly, St. Marys	07·2	+8	W	7	c	47	43	7	5	-	-	5	5	-	15	-	1
6	Fairwood	00·9	-24	W	7	c	42	41	6	5	-	-	6	4	3	8	40	2
	Pembroke	01·0	-26	NW	6	c	46	44	7	5	-	-	6	4	3	20	-	2
	Aberporth	00·5	-38	SW	8	c	39	37	6	5	-	-	8	5	4	12	-	1
7	Holyhead (Valley)	99·6	-24	WSW	3	c	43	36	7	5	-	-	8	5	-	25	-	1
	Hawarden	00·1	-28	W	2	c	42	38	8	5	-	-	8	5	-	25	-	1
8	Manchester	00·1	-28	SW	2	mo	40	35	8	5	-	-	8	5	-	25	-	1
	Squires Gate	00·0	-30	WSW	3	c	44	41	7	5	-	-	8	5	-	20	-	1
	Carlisle	99·5	-14	WSW	4	c	41	35	7	5	-	-	8	5	-	20	-	1
9	Finningley	01·8	-30	S	3	mo	40	33	6	5	-	-	8	5	-	40	-	1
10	Spurn Head	99·3	-26	WSW	4	bc	43	38	7	5	-	-	8	5	-	40	-	1
	Leeming	99·7	-26	W	4	c	41	33	7	5	-	-	8	5	-	20	-	1
	Tynemouth	99·8	-22	W	4	c	42	32	6	5	-	-	8	5	-	20	-	1
	Acklington	99·2	-4	W	6	c	40	34	8	5	-	-	8	5	-	25	-	1
11	St. Abb's Head	01·4	+2	W	6	c	39	34	7	5	-	-	8	5	-	35	-	1
	Leuchars	02·7	-6	WSW	4	c	37	33	8	5	-	-	8	5	-	15	-	1
	Bell Rock	00·4	+0	W	7	c	41	35	8	5	-	-	8	5	-	15	-	1
12	Renfrew	99·7	-4	SSW	2	mo	39	39	6	5	-	-	8	5	-	20	-	1
	Prestwick	99·3	-8	W	4	c	43	38	7	5	-	-	8	5	-	20	40	1
	Wigtown	98·5	-6	W	3	c	41	36	8	5	-	-	8	5	-	20	40	1
	Eskdalemuir	96·3	-6	SW	4	c	37	33	8	5	-	-	8	5	-	15	-	1
	Point of Ayre	98·0	-4	W	5	c	43	36	8	5	-	-	8	5	-	20	-	1
13A	Tiree	99·3	-2	W	7	c	43	32	8	5	-	-	7	5	-	10	-	1
	Benbecula	99·3	+2	W	6	c	43	40	8	5	-	-	7	5	-	15	-	1
13B	Stornoway	98·0	0	W	6	c	39	36	7	5	-	-	7	5	-	15	-	1
	Cape Wrath	83·7	+10	W	8	c	41	36	8	5	-	-	7	5	-	20	-	1
15	Dalwhinnie	91·0	-4	SW	4	c	35	29	7	5	-	-	7	5	-	10	-	1
	Aberdeen	99·7	+2	SW	3	c	39	31	7	5	-	-	7	4	2	20	-	1
	Rattray	97·5	+4	W	4	bc	38	31	7	5	-	-	7	4	2	30	-	1
	Lossiemouth	98·3	-4	WSW	5	bc	37	34	7	5	-	-	7	4	2	20	-	1
	Wick	95·0	-2	WSW	5	c	36	29	8	5	-	-	7	4	2	25	-	1
16	Hatston	93·1	0	W	7	c	43	30	8	5	-	-	7	4	2	15	-	1
	Lerwick	97·0	+4	W	8	c	42	29	8	5	-	-	7	4	2	18	40	1
17	Blacksod Point†	01·5	+16	WNW	5	c	42	35	7	5	-	-	7	4	2	8	-	1
18	Malin Head †	96·4	-6	NW	7	c	45	34	6	5	-	-	7	4	2	25	-	1
	Aldergrove	99·4	-6	WSW	4	c	39	33	7	5	-	-	7	4	2	20	-	1
	Cas. Archdale	00·0	+6	SSW	3	c	36	24	6	5	-	-	8	5	3	10	25	1
19	Birr Castle … †	02·3	0	SW	1	c	37	25	7	5	-	-	8	5	3	15	-	1
	Collinstown †	01·1	+2	W	4	c	37	33	7	5	-	-	8	5	3	22	-	1
20	Rineanna †	05·4	+28	NW	4	c	39	37	7	5	-	-	8	5	3	12	-	1
	Valentia †	03·2	+40	W	4	c	44	37	7	5	-	-	8	5	3	26	-	1
	Roches Point †	04·9	+16	NW	6	c	44	42	7	5	-	-	8	5	3	15	-	1

OBSERVATIONS during DAY 25th

District	Stations. (For heights see p. 4.)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	bcc mo ir bc	c Hr rr rc	51	0·1	8
	Croydon	b mo c d c mo	r c m c r	52	0·2	15
	S. Farnborough	c r c	c m o r p r	51	0·1	11
	Boscombe Down	c c d c mo	c d o c d d r r	49	0·1	9
	Calshot	c c d o	c d o d c Hr c i r	-	0·0	10
	Tangmere	c mo	c m o r o R Hr	51	0·0	6
	Lympne	o mc	c i R b c m o	50	0·0	10
	Manston	c	c r r r o R o	50	0·0	7
2	Shoeburyness	c	c r	52	0·0	12
	Felixstowe	c m o b c m o	c r r c m o	51	0·5	6
	Gorleston	c	c	49	0·8	6
	Mildenhall	r c	p r o c	50	0·3	6
	West Raynham	b b c	p c c m o	47	0·9	-
	Waddington	c b c b	b b c c	52	3·6	-
3	Cranfield	c b c c	c c p r b c c	48	0·6	5
	Honiley	b c b c r o	b c c c r o r	47	1·8	8
4	Little Rissington	c d o c c r o r o	c r o r o m o r r	45	0·5	5
	Defford	c c l c m o	c i r c r a	50	1·4	7
5	Bristol	b c c r o	c o d d i r r m i r	52	0·1	5
	Hartland Point	c p m r	o r p h r c	49	0·5	3
	Yeovilton					
	Portland Bill	c i r	r r c	53	*	5
	Exeter	c r o l l p d r o	c o p r e r r c b c	53	1·6	8
	Plymouth	c d o l l o m o	c r o r s c o r b c	53	0·0	8
	St. Eval	c c r o j m o c	c c g p h c	50	0·4	4
	Lizard	c o d d c	c p r g.	51	0·4	4
	Guernsey	r	o p r i r a i r o n	52	0·3	4
	Scilly, St. Marys	c l l	r p b c p	52	0·8	7
6	Fairwood	c d o c l r c	c o p r c c r r	49	0·2	6
	Pembroke	c a p r e p r c	o m r c a p r	52	0·0	5
	Aberporth		b c c i s r r m o	49	1·3	13
7	Holyhead (Valley)	c b c	b c c	47	1·9	-
	Hawarden	b c b	b c c	53	5·9	-
8	Manchester	b t p r d b c	b c p o z o c	47	3·6	1
	Squires Gate	b c	b c b b c c	47	3·7	-
	Carlisle	b b c p r o c	c b c	44	*	-
9	Finningley	c 2 o b c	b c m o	48	3·3	-
10	Spurn Head	c m o	l c	47	2·0	-
	Leeming	c r r b c	b b c	44	*	-
	Tynemouth	b c q p r o b c q	b c q m o	45	*	-
	Acklington	b c	b	45	4·6	-
11	St. Abb's Head	b c q p r o b c q	c q b c q	45	*	-
	Leuchars	b b c c	b c r c c q b c c	42	2·2	-
	Bell Rock	b c	p r o b c	43	0·0	4
12	Renfrew	c p r o c p r c	c p r o b c m o			
	Prestwick	c p / o	c p r o	46	*	-
	Wigtown	b c	b c c	44	*	-
	Eskdalemuir	b c c r r r o c	c p r o	40	0·0	-
	Point of Ayre	c b	a	46	3·6	-
13A	Tiree	b c c p h p r o	c p r o b c	45	0·8	4
	Benbecula	c p r o c	c p r c	43	*	-
13B	Stornoway	b c p r b c c	c p r o p h r g	41	0·5	2
	Cape Wrath	r	c p h r	46	*	4
15	Dalwhinnie		c i s o	37	0·0	-
	Aberdeen	b	b b c c	44	4·7	-
	Rattray	b c b c	b c	43	*	-
	Lossiemouth	b / p b c	c g p b c	41	0·4	1
	Wick	b e r p r	c p h r b c	39	0·6	2
16	Hatston	c p h r	c p h r p r o c g	43	0·0	4
	Lerwick	b h r o p h r o	c p H b c y	43	0·1	2
17	Blacksod Point†	c p r o b c	p r o	45	*	1
18	Malin Head †	c p r	p r o	46	0·3	1
	Aldergrove	b c c p r o b c	b c c	43	2·6	2
	Cas. Archdale	c p h r b c p r o	b c r o j p h r	42	1·5	1
19	Birr Castle … †	r	r	42	0·0	8
	Collinstown †	r	c	43	2·1	6
20	Rineanna †	r	r	51	0·0	5
	Valentia †	r	r	47	0·1	7
	Roches Point †	r	r	47	*	4

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

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

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.
‡ See footnote p. 4.

* Information not usually received.

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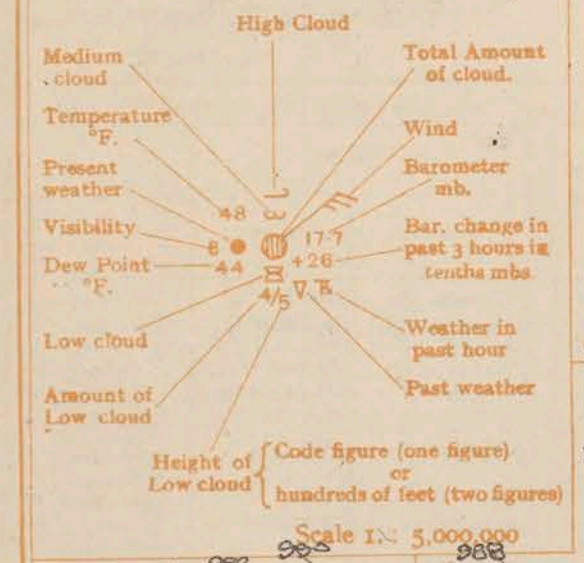
STATION MODEL



Scale 1:N 5,000,000

6h Friday 26th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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	bamoidercfrarr.	crotfcm.		51	37	34	0	2	0·1	*	
Croydon ...	bmocd.	dacepre	crarbmo	52	37	37	15	2	0·2	85	75
Greenwich ...	c ⊕	crcfrtl	rcrrdx	51	36	31	3·05	9·4	0·0	88	77
Westminster	*	*	*	51	37	33		93	*	81	79
Regents Park	*	*	*								
Camden Square	C	C	*	51	37	33	4·32	6·35	*	*	80
Kensington ...	bcb	b	*	51	37	31	4·06	5·59	*	93	81
Hampstead ...	or	or	ork	48	40	37	5·5	3·2		*	84

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 5h. Max. C time 17/24th. Low time rest of period. 25th.

LOW

HIGH

Beckenham

Gothlund

Media

H.M.S.O. Press, M.O., Duncombe

GENERAL INFERENCE

A strong cold westerly air stream covers the British Isles giving showers frequent in the west and scattered in the east the showers being wintry on high ground in Wales and the north. Stormy weather with rain will spread from the west and western districts later tonight, and to eastern districts tomorrow morning associated with the rapid eastward movement of a deep depression on the Atlantic and snow may occur tomorrow in many parts of Scotland.

FURTHER OUTLOOK

Unsettled at first with rain in many districts and some snow in Scotland but very cold showery conditions likely to spread to most districts by Sunday morning.

Gale warnings are in operation for land areas north of a line from Exmouth to Spurn Head.

Chart of Weather in the Northern Hemisphere.

Morning of

Friday 26th December

1947

Clark's Projection Scale 1 : 4 × 10^7 along meridian at 55° N.

Statute Miles 0 1 2 3 4 800

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

Identification letters are inserted on fronts and in systems

All times are G.M.T.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 26th December 1947

No. 31445

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–10 (12)	Amount. Low. A. 0–10 (13)	Amount. Low. B. 0–10 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16		*	*	*	*	37										
	Croydon	217	02·7	+36	W	6	fr6	37	34	6	5	–	–	7	7	–	8	–
	S. Farnborough	220	03·1	+34	W	4	pr6	39	37	6	8	–	–	8	8	–	15	–
	Boscombe Down	417	03·6	+26	W'S	5	c-bc	40	38	7	5	–	–	5	5	–	24	–
	Calshot	8	04·2	+20	WNW	3	bc	43	38	7	8	–	–	4	1	4	10	15
	Tangmere	53	02·3	+10	WNW	4	bc	43	39	7	5	–	–	4	4	–	25	–
	Lympne	341	99·0	-4	WSW	5	ir6	42	37	7	5	–	–	7	7	–	20	–
	Manston	140	98·2	-4	W	7	ir6	43	39	7	5	–	–	8	4	8	10	25
2	Shoeburyness	11																
	Felixstowe	10	98·1	-2	NE	4	rr	35	34	7	5	–	–	8	8	–	13	–
	Gorleston	5	97·5	-12	WNW	3	mo	40	36	6	5	–	–	8	8	–	30	–
	Mildenhall	25	99·4	+18	WNW	3	rr	41	37	7	–	2	–	8	8	–	15	–
	West Raynham	250	97·4	-2	WNW	4	c	40	39	5	–	7	–	8	8	–	–	–
	Waddington	235	98·9	+6	WSW	2	mo	39	35	6	–	–	7	8	8	–	–	–
3	Cranfield	340	01·5	+40	WNW	3	ir	37	35	7	9	2	–	8	5	8	17	40
	Honiley	427	01·7	+30	W	3	c	36	35	8	1	9	7	8	2	8	15	–
4	Little Rissington	731	02·7	+44	WNW	4	cls	34	34	7	5	–	–	8	8	–	8	–
	Defford	58	03·0	+26	W	3	c	39	35	7	5	–	–	8	8	–	21	–
5	Bristol	200	05·5	+40	NW	5	pr6	39	37	7	8	–	–	8	4	8	15	15
	Hartland Point	299	07·2	+38	NW	5	bc	45	36	8	2	–	–	4	4	–	–	–
	Yeovilton	50																
	Portland Bill	32	05·3	+18	WNW	8	pr6	45	40	7	5	–	–	6	6	–	10	–
	Exeter	100	07·4	+34	WNW	7	b bc/phr	43	34	8	3	–	–	3	3	–	20	–
	Plymouth	86	10·2	+52	WNW	4	c-bc	43	36	7	2	–	–	3	3	–	10	–
	St. Eval	345	11·2	+36	WNW	6	pr6	44	42	6	3	–	–	5	5	–	14	–
	Lizard	340	11·2	+30	NW'W	7	q	44	42	7	8	–	–	4	4	–	20	–
	Guernsey	340	09·6	+14	WSW	9	q	47	42	7	3	–	–	7	3	6	8	25
	Scilly, St. Marys	163	12·9	+34	W'N	7	c-bc/pr	44	39	8	8	–	–	5	4	–	–	–
6	Fairwood	268	06·8	-44	NW	7	c-bc/pr	41	36	7	2	–	–	5	4	4	20	–
	Pembroke	142	06·9	+38	N'W	6	c-bc	45	41	7	8	–	–	5	5	–	25	–
	Aberporth	425	05·9	+34	W'N	5	c/phr	41	36	8	8	–	–	8	8	–	20	–
7	Holyhead (Valley)	32	03·3	+12	W	6	q	42	37	7	8	6	–	5	4	4	20	–
	Hawarden	15	01·7	+10	WNW	5	c-bc	42	37	8	5	–	–	5	3	3	3	15
8	Manchester	230	00·1	+10	W'N	4	c-bc	41	36	7	–	–	–	5	3	3	20	–
	Squires Gate	33	00·4	+10	WNW	5	c-bc	43	38	7	2	–	–	5	5	–	18	–
	Carlisle	100	97·2	+6	W	4	bc	40	35	8	5	–	–	4	3	3	15	25
9	Finningley	28	98·3	+10	WNW	4	mo	41	36	6	–	7	7	8	4	8	–	–
10	Spurn Head	29	98·4	+8	W'N	5	2o	41	39	6	–	–	–	–	–	–	–	–
	Leeming	105	96·9	+10	W	3	c	41	35	7	–	7	–	7	7	–	–	–
	Tynemouth	108	94·2	0	W	4	q	41	33	7	2	–	2	4	3	3	20	–
	Acklington	138	93·9	-8	W	5	bc	39	34	7	5	–	–	4	4	–	35	–
11	St. Abb's Head	280	91·7	-6	W	6	q	39	34	7	7	–	–	4	4	–	35	–
	Leuchars	31	92·0	-2	WSW	4	bc	37	33	8	–	7	–	4	4	1	–	–
	Bell Rock	–	90·5	-4	W	7	b bc	42	34	8	3	–	–	3	3	–	15	–
12	Renfrew	35	94·4	+2	SW	5	q pr	40	35	7	8	6	–	6	4	4	18	25
	Prestwick	30	95·3	0	WSW	5	c/pr	41	38	7	9	–	–	6	5	6	21	40
	Wigtown	19	99·2	+6	W	5	c	41	33	8	5	1	–	7	4	7	20	–
	Eskdalemuir	794																
	Point of Ayre	30	99·8	+18	W	6	c-bc	42	37	8	5	–	–	5	1	5	8	25
13A	Tiree	44	93·7	+10	W	7	bc/pr	41	36	8	3	6	3	4	4	3	15	–
	Benbecula	27	89·9	0	WNW	6	pr6	42	37	8	6	–	–	7	4	4	16	–
13B	Stornoway	12	87·2	-4	W	7	PH(R)	39	34	8	3	–	–	8	5	5	6	–
	Cape Wrath	307	83·7	+2	W	8	c/phr	38	33	8	9	–	–	8	8	–	20	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						39										
	Rattray	46	98·0	+10	W	4	bc	38	28	7	–	–	–	4	4	–	30	–
	Lossiemouth	21	88·9	+2	WSW	5	pr6	37	34	7	3	–	–	5	5	–	20	–
	Wick	114	85·0	-2	WSW	3	c	36	33	8	2	–	7	8	2	8	25	–
16	Hatston	45	83·2	-2	W	6	bc	41	29	8	3	6	–	4	4	2	18	–
	Lerwick	269	78·2	+8	W'S	7	c	42	30	8	7	–	–	7	2	7	24	40
17	Blacksod Point †	18	04·8	+18	WNW	6	bc	44	37	8	8	–	–	4	4	–	8	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	394	00·5	+6	WSW	5	c-bc/pr	38	36	7	2	–	–	5	4	5	15	40
	Cas. Archdale	225	01·3	+6	SW	6	c-bc/phr	41	36	7	3	6	–	5	4	2	15	–
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	04·6	+16	WS	4	c-bc	36	32	8	1	4	3	5	2	–	15	–
20	Rineanna †	13	09·6	+26	WNW	4	b bc/pr	41	37	7	9	–	–	3	3	–	23	–
	Valentia †	30	12·9	+20	WNW	6	bc	46	35	8	3	–	–	4	4	–	26	–
	Roches Point †	22	11·4	+26	NW'W	4	pc	42	40	8	3	–	3	4	4	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

OBSERVATIONS at 06hr. G.M.T. 26th December

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force (20)	Weather (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–10 (28)	Amount. Low. A. 0–10 (29)	Amount. Low. B. 0–10 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0–9 (33)
		06·9	-24	WSW	4	mo	39	34	6	1	–	–	0	0	0	–	–	1
		07·9	+18	SW	5	mo	37	35	6	5	–	–	1	1	–	12	–	1
		08·3	+16	WSW	4	b	39	35	7	–	–	–	0	0	0	–	–	1
		09·0	+12	W	5	b	39	34	7	–	–	–	0	0	0	–	–	1
		10·1	+4	W	4	b	39	37	7	5	–	–	2	2	–	15	–	1
		09·1	+18	WNW	3	b	39	36	7	–	–	–	0	0	0	–	–	1
		07·3	+26	WSW	4	b-bc	36	35	7	–	–	–	3	3	–	10	–	1
		06·5	+24	W/S	4	bc	38	35	7	5	–	1	4	3	3	14	–	1
		05·9	+20	W/S	4	mo	39	35	6	5	–	–	4	4	–	25	–	1
		04·5	+22	W/N	5	bc	39	36	7	5	–	2	4	3	3	25	–	1
		01·8	+18	WNW	4	b-bc	39	36	7	5	4	–	3	2	2	20	72	0
		03·8	+22 (10)	WSW	4	bc	38	35	7	–	7	–	4 (3)	4 (3)	–	–	–	1
		01·5	+12	WSW	5	mo	37	33	5	5	7	–	8	4	8	18	–	1
		01·5	+8	WSW	5	c	40	34	7	5	–	–	8	4	5	29	40	0
		05·5	+10	WSW	4	b	37	33	8	–	–	–	0	0	0	–	–	1
		04·5	+2	WSW	4	b	37	33	7	5	4	–	2	2	2	25	–	1
		06·1	+8	WNW	4	b-bc	38	31	8	5	–	–	3	3	–	35	–	1
		06·2 (05·9)	+10 (07)	W	4	b-bc	41	37	9	5	–	–	3	3	–	20	–	1
		09·7	+6	W	5	b-bc	40	36	8	5	–	–	3	3	–	20	–	1
		10·6	+6	NW	5	bc	46	34	8	3	–	–	4	4	–	–	–	1
		10·7	+18	NW	7	bc	46	39	7	1	–	–	4	4	–	10	–	1
		12·0	+14	W	5	b-bc/pr	43	34	8	3	–	–	3	3	–	20	–	2
		14·0	+16	WNW	3	b-bc	44	37	7	2	4	–	3	3	1	15	–	1
		14·4	+8	WNW	5	pr6	45	37	6	8	–	–	5	3	5	8	15	1
		14·9	+16	NW/W	6	b-bc/pr	46	39	7	3	–	–	4	4	–	20	–	1
		14·7	+14	WNW	8	b-bc	46	39	8	2	–	–	3	2	3	20	25	1
		15·4	+6	W	7	bc/pr	46	39	8	8	–	–	4	4	–	–	–	1
		10·6	+10	NW	6	bc	43	37	7	5	–	–	4	4	–	20	–	1
		09·5	+8	NW	7	c-bc/q	46	42	7	6	–	–	5	5	–	25	–	1
		09·3	+12	W/N	5	bc	43	36	8	2	–	–	4	3	2	25	–	1
		05·4	+10	W	6	c-bc/q	43	37	7	8	6	–	5	5	2	20	–	1
		04·3	+10	WNW	5	pr6	42	37	8	5	7	–	5	4	4	15	–	1
		02·3	+6	WSW	5	bc/pr	41	35	8	1	6	–	5	4	4	20	–	1
		02·3	+12	W	6	c	44	37	8	2	6	–	6	5	2	23	–	1
		97·8	+6	WSW	5	bc	38	35	8	5	–	–	4	4	–	15	–	1
		00·4	+8	W/N	4	2o	42	34	6	8	–	–	6	4	4	15	40	1
		99·8	+4	W	6	cq	43	38	7	5	–	–	6	6	–	–	–	0
		98·5	+10	WNW	4	c	39	34	7	2	–	–	2	2	–	20	–	1
		95·3	+10	W	4	b-bcq	39	32	7	2	–	–	3	3	–	20	–	1
		94·4	-2	W	6	b	38	30	7	7	–	–	0	0	0	–	–	0
		91·7	-12	W	6	bcq	37	37	7	7	–	–	4	4	–	35	–	0
		91·4	-2	WSW	5	b	37	31	8	–	–	–	0	0	0	–	–	1
		88·8	-2	W	8	b	40	35	8	3	–	–	1	1	–	15	–	*
		95·5	+6	NW	4	pr6	39	33	7	8	–	–	8	4	8	10	15	1
		96·6	+2	W	5	b-bc/pr	41	35	7	3	6	3	3	3	1	22	–	1
		93·-	+2	W	6	c-bc/pr	40	35	7	4 (2)	2 (6)	3	5	4	2	18	–	1
		95·9	+4	W	4	b	35	31	8	5	–	–	2	2	–	23	–	1
		00·3	+6	W	7	b	42	37	8	1	–	–	2	2	–	20	–	0
		95·2	+6	WNW	8	b-bc	43	37	8	3	–	–	3	3	–	18	–	1
		91·2	+8	WNW	6	c-bc/pr	43	40	8	3	6	–	5	4	2	18	–	1
		87·4	+10	NW	7	pr6	37	34	7	3	–	–	4	4	–	10	–	1
		81·3	-10	W	8	PHR	37	34	8	3	–	–	5	5	–	20	–	2
		88·0	-8	W/S	3	b	38	38	8	–	–	1	1	1	–	0	–	1
		85·0	-18	W	5	bc	38	31	7	5	–	–	4	4	–	30	–	1
		87·2	-10	WSW	6	bc	37	33	7	3	–	–	4	3	4	10	–	1
		83·3	0	WSW	4	pr6	36	34	8	3	–	–	7	6	–	21	–	1
		82·2	0	W	4	c-bc	40	38	8	3	–	–	5	5	–	15	–	1
		78·8	+2	W	4	c-bc	38	38	8	5	3	–	3	5	3	25	–	1
		06·5	+10	WNW	6	bc/pr	43	36	7	9	–	–	4	4	–	8	–	1
		99·2	+10	NW/W	5	phr	42	34	8	2	–	–	5	5	–	10	–	1
		02·4	+10	W/SW	4	bc	37	34	8	3	6	–	4	3	4	15	40	1
		03·0	+10	SW	5	c-bc/phr	40	35	8	3	6	3	5	5	2	18	–	1
		08·3	+10	SW	8	c-bc	39	35	8	8	–	–	5	5	–	15	–	1
		06·7	+10	WSW	4	b-bc	38	34	8	8	4	–	3	3	–	22	–	1
		10·6	+2	W	5	c/pr	41	37	8	3	5	–	3	3	–	25	–	1
		13·5	-2	W/S	6	c-bc/pr	47	36	8	3	6	–	5	4	–	25	–	1
		12·7	0	NW/W	4	bc	40	38	8	3	–	–	4	2	–	15	–	1

OBSERVATIONS Friday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
		c6 Hc mo	c6 c bc mo	37	34	2
		fr6 fr6 mo	c fr6 mo bc mo	37	37	2
		c pr6	c pr6 bc b	38	33	3
		c r r c	c l d e mo b	37	34	1
		c l b c	b c l r6 b	39	36	0·4
		c mo b l r bc	b c b	37	33	2
		o l r fc l r.	c l r fr6 s c mo	34	31	2
		c l r6	o b c	34	33	3
		b c l r6	b c mo	33	32	4
		c l r6 o r r	p r r c mo b c	35	33	13
		o 2 o	b c	38	*	0·4
		c l r o p r c l r	c fr6 b c b	37	34	6
		c mo	c mo	36	34	-
		c c mo	c mo c	38	35	-
		b c c fr6 mo	c fr6 c b	35	35	7
		c r a k R c	c b c b b c b	35	35	1
		c r r fr6 s o	c l r6 c b	32	32	2
		o r6 s o c	c b c	33	32	2
		i r6 l r c c p r6	c p r6 c b c	38	34	1
		c p h r		41	41	Tr
				40	35	8
		c l r	c b c	44	*	1
		c p r p h r	b c c p r b c	39	37	2
		b c n c p r 2o	b c p r b c	42	37	1
		c c p r b c c	c p r b c c p6	42	39	Tr
		c p r h b c q	b c p r q	43	*	1
		t c q	c b c	42	38	0·4
		b c p q	p b c	44	*	1
		c c p r6	c b c	39	35	1
		c q p h c q	b c q	42	*	Tr
		c r r m c p r	c b c	40	38	Tr
		c c i d c	c q b c q	41	39	-
		c l r i d o	b w e r6	40	37	0·1
		c m o i n c W	b c c p r b c	39	36	1
		c b c c	c b c c	42	39	-
		b c b b c c	c b c i r6 e r r	37	34	2
		c m o	c m o	39	35	-
		c m o	c q	40	*	Tr
		b c c	b b c r6	37	31	0·4
		b c q m o b c	b c q	39	35	-
		b b c	b c b	36	34	-
		b c q p r o	b c q	35	*	Tr
		c b c c	b c b	35	32	-
		p c	b c	*	*	*
		b c p r o c	c p r q	37	28	8
		p r h p r o c	p r p h e b c p6	38	34	1·0
		C	b c c p l o	35	33	2
		c p r o p r s.	c r c b e x	33	32	5
			b c	41	*	-
		c p h p r b c	c p h r b c y	38	34	1
		c p r c p r o	c p r o	40	37	2
		c p r p r	c p r p r	35	33	5
		c p r o p h	c p h r	37	33	6
				32	29	5
		c b c	b c b x	38	31	-
		b c b c	b c b c	34	*	1
		c b c p r6	p r6 b c	35	33	5
		c p r c	p R p r	34	31	2
		p b o r b l c	b c, p r o c	35	32	3
		p c b c c	b c, c p r6	36	33	3
		b c	c p r b c	38	*	2
			c p h r	39	*	2
		p r o p r c	c p r c b c	36	32	2
		c p r o p h r	c p r p h r	37	33	4
			c b c	36	34	2
		b c c	b c	32	32	Tr
		c p r b c	c p r c	37	36	4
		c b c	c p r c	41	37	1
		b c	b c	40	*	2

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

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

Saturday 27th December 1947 — No. 31446

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

Dist.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F (6)	Dew Point °F (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	09·8	+18	W	5	2o	48	34	6	1	–	–	2	2	–	31	–
	Croydon	10·1	+4	SW	6	2o	45	34	6	1	–	–	1	1	–	20	–
	S. Farnborough	10·8	+2	WSW	4	b	45	37	8	1	–	1	2	2	1	20	–
	Boscombe Down	11·5	+2	SW'ly	5	bbc	45	38	8	1	4	–	3	3	1	15	–
	Calshot	13·0	+12	W	5	b	46	37	8	8	–	2	2	2	2	15	–
	Tangmere	11·6	+4	NW	5	b	46	41	7	1	–	–	2	2	–	20	–
	Lympne	09·5	+2	WSW	5	bbc	45	36	9	1	4	1	3	2	2	25	–
	Manston	09·3	+4	W	4	bbc	44	35	8	1	–	2	3	2	–	–	–
2	Shoeburyness	08·8	+10	W	5	2o	45	35	6	5	–	–	2	2	–	25	–
	Felixstowe	08·8	+24	WNW	6	bc	44	38	7	5	7	2	4	3	1	30	–
	Gorleston	09·7	+12	W	5	bc	43	36	7	5	4	1	4	2	3	25	72
	Mildenhall	06·3	−2	SSW	5	cbc	46	37	7	5	7	2	5	2	4	20	–
	West Raynham	09·7	+6	SW	5	bbc	42	34	7	5	–	2	3	3	2	30	40
	Waddington	09·3	+10	W	4	cbc	41	35	6	5	–	2	3	3	2	25	–
3	Cranfield	09·7	+10	W	5	b	43	34	9	5	4	–	2	2	–	20	–
	Honiley	09·4	−2	W	6	cbc	42	32	6	2	–	1	5	2	1	20	–
4	Little Rissington	09·3	+8	W	5	bc	41	32	8	5	–	–	4	4	–	30	–
	Defford	09·0	+6	W	6	bc	45	34	8	5	–	–	4	3	2	15	–
5	Bristol	11·9	+6	W	5	bbc	43	36	7	2	2	–	3	2	2	25	–
	Hartland Point	13·3	+10	NW	4	cbc	47	37	8	3	4	–	5	4	2	25	–
	Yeovilton																
	Portland Bill	13·5	+12	W'ly	7	bc	47	42	7	5	–	–	4	4	–	10	–
	Exeter	14·2	+8	WSW	3	bc/pr	45	37	8	2	–	–	2	2	–	20	–
	Plymouth	16·2	+22	WNW	3	bc	46	39	7	2	–	2	4	4	–	15	–
	St. Eval	16·2	+8	W	5	c	46	40	7	2	–	2	6	5	3	15	–
	Lizard	16·8	+10	NW'ly	5	cbc	48	41	8	8	5	6	8	4	4	20	40
	Guernsey	17·6	+14	NW'ly	7	c/pr	47	43	8	5	6	6	6	4	2	8	–
	Scilly, St. Marys	16·6	−6	W	6	cb/pr	50	40	8	8	–	–	5	5	–	18	–
6	Fairwood	12·0	0	WNW	6	bc	45	33	7	2	–	2	4	4	–	25	–
	Pembroke	12·0	+4	WNW	7	pr	47	43	7	5	–	1	6	3	3	20	–
	Aberporth	11·0	+4	W	6	c	44	34	8	5	7	–	7	5	2	20	–
7	Holyhead	07·8	+14	W	6	bc	45	37	7	2	–	1	4	4	3	20	–
	Valley																
	Hawarden	06·5	+6	W'ly	5	bc	45	34	8	1	–	–	4	4	1	20	–
8	Manchester	05·0	+4	WSW	5	cpr	42	36	7	8	–	–	7	4	3	20	–
	Squires Gate	04·1	+4	W	6	cbc	44	37	8	2	–	–	5	5	–	20	–
	Carlisle	00·2	+12	WSW	4	bc	33	35	8	3	–	–	4	4	–	9	–
9	Finningley	03·4	+8	SW	6	pr	44	35	7	3	–	–	6	3	4	15	25
10	Spurn Head	02·9	+10	W	7	bc	43	38	6	1	–	–	2	2	–	40	–
	Leeming	00·7	+6	W	5	bbc	44	35	7	8	7	–	3	2	2	20	–
	Tynemouth	98·0	+6	W	5	bbc	41	32	7	2	–	–	3	3	–	20	–
	Acklington	96·4	+12	W	6	b	40	33	8	2	–	–	1	1	–	25	–
11	St. Abb's Head	93·6	0	W	6	bbc	41	33	7	7	–	–	3	3	–	35	–
	Leuchars	93·7	+18	WNW	5	bbc	42	31	8	5	2	–	3	3	–	50	–
	Bell Rock	93·8	+26	W	7	cbc	41	36	8	5	–	4	3	2	–	15	–
12	Renfrew	98·3	+16	WNW	3	bc/pr	41	33	7	2	–	1	4	4	4	15	25
	Prestwick	99·5	+22	WNW	5	pr	43	36	8	3	3	3	7	6	1	18	–
	Wigtown	02·3	+14	W	5	pr	40	37	7	8	–	3	6	3	5	10	15
	Eskdalemuir	98·2	+16	W'ly	5	bbc	38	32	8	2	–	–	3	2	–	22	–
	Point of Ayre	02·8	+8	W	6	c	43	38	8	5	–	–	6	5	5	20	25
13A	Tiree	98·5	+14	WNW	8	cb/pr	44	32	8	3	–	–	5	5	–	15	–
	Benbecula	95·9	+12	WNW	6	bc/pr	43	32	8	3	–	3	4	4	–	21	–
13B	Stornoway	91·4	+10	W	6	pr	43	36	7	3	–	–	4	4	5	10	25
	Cape Wrath	88·1	+34	W	6	c/pr	41	35	9	3	–	–	6	6	–	20	–
15	Dalwhinnie																
	Aberdeen	89·9	+1·0	W	5	bc/pr	41	31	8	3	6	3	3	1	1	10	15
	Rattray	86·3	+4	W	5	cbc	39	34	7	5	–	–	5	5	–	25	–
	Lossiemouth	90·7	+12	W	6	pr	39	38	6	8	–	–	6	4	5	8	25
	Wick	86·6	+14	NW	4	bc/pr	39	37	8	9	6	3	4	2	4	12	25
16	Hatston	85·6	+14	NW'ly	6	pr	42	38	7	3	–	–	7	6	–	12	–
	Lerwick	82·7	+20	NE	5	pr	38	37	7	3	–	–	6	6	–	20	–
17	Blacksod Point †	07·8	+8	W	6	PHR	45	41	6	3	–	–	7	7	–	8	–
18	Malin Head †	01·7	+12	NW	5	PHR	43	36	8	3	–	–	7	4	–	25	–
	Aldergrove	04·6	+10	WSW	5	pr	39	34	8	3	6	3	5	1	4	05	8
	Cas Archdale	05·4	+12	WSW	4	cbc	44	33	8	3	6	3	5	4	3	25	–
19	Birr Castle … †	04·0	−4	SW	1	cbc	42	38	8	5	–	–	5	4	–	25	–
	Collinstown †	08·7	+6	WSW	4	cbc	40	36	8	5	–	–	5	4	–	25	–
20	Rineanna †	11·8	+2	W	4	c/pr	43	38	8	5	2	–	5	4	–	25	–
	Valentia †	13·1	−2	SW'ly	4	r/o	46	42	8	3	–	–	7	7	–	27	–
	Roches Point †	13·4	−2	W	4	c	46	42	8	3	–	–	7	6	–	15	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1500.

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

Dist.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F (22)	Dew Point. °F (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
1	Kew	09·7	+2	WSW	3	Mo	43	38	6	–	4	6	6	3	6	–	–	1
	Croydon	10·3	+2	SW	5	2o	42	34	6	5	–	7	5	4	–	20	–	1
	S. Farnborough	10·4	+2	SW'ly	4	c	42	37	7	4	–	2	6	3	5	40	–	1
	Boscombe Down	11·5	+2	SW'ly	4	2do	40	37	7	5	–	–	4	4	–	40	–	1
	Calshot	12·1	−4	W'ly	3	c-bc	42	38	7	–	–	7	5	5	–	–	–	1
	Tangmere	11·5	−2	W	3	Mo	42	40	6	5	–	–	5	5	–	30	–	1
	Lympne	09·7	+6	WSW	4	c	41	36	8	–	2	7	8	3	8	–	–	0
	Manston	09·1	+2	W'ly	4	c	42	34	7	–	–	2	6	6	–	–	–	1
2	Shoeburyness	09·2	+8	W	2	2o	43	35	6	–	–	6	6	6	–	–	–	1
	Felixstowe	07·5	+2	WNW	6	b	43	36	7	5	–	1	2	1	1	30	–	0
	Gorleston	04·8	+4	WNW	4	b-bc	42	37	7	–	3	–	3	3	–	80	–	0
	Mildenhall	06·5	+4	WSW	5	bc	40	35	8	–	7	9	4	3	3	–	–	1
	West Raynham	04·8	+2	WSW	4	bc	39	33	7	1	–	3	4	1	4	25	–	1
	Waddington	04·9	+8	W'ly	3	bc	39	32	7	5	1	–	4	2	4	25	–	0
3	Cranfield	08·3	0	W'ly	3	bc	39	33	8	–	7	–	4	4	–	–	–	1
	Honiley	07·2	−2	WSW	4	c-bc	40	35	8	5	–	7	5	1	5	20	–	1
4	Little Rissington	08·7	+2	WSW	4	c	39	33	8	5	1	–	8	4	8	25	–	1
	Defford	08·7	−2	SW	3	c	43	36	8	5	7	–	7	2	7	15	–	1
5	Bristol	10·8	−6	W	3	Mo	43	39	6	5	7	–	6	2	5	15	–	1
	Hartland Point	10·7	−20	WNW	5	cv	46	44	7	8	–	–	8	8	–	–	–	1
	Yeovilton																	
	Portland Bill	11·9	−8	W'ly	6	c	47	40	6	5	–	–	6	6	–	10	–	1
	Exeter	11·6	−14	S	2	cro	46	41	6	5	7	–	8	3	4	12	28	1
	Plymouth	13·7	−8	NW	3	c	46	42	7	5	7	–	8	3	4	8	10	–
	St. Eval	14·1	−14	W	4	ro/o	47	43	6	5	–	–	8	8	–	15	–	1
	Lizard	14·3	−16	WNW	5	cro	47	46	6	5	–	–	8	8	–	15	–	1
	Guernsey	15·7	−6	W	5	cro	47	45	8	5	–	–	8	3	5	8	15	1
	Scilly, St. Marys	13·9	−12	W'ly	6	cro	40	45	8	5	–	–	8	8	–	–	–	1
6	Fairwood	10·2	−16	WNW	3	cro	44	40	7	5	2	–	8	4	8	25	–	1
	Pembroke	09·2	−18	W'NW	4	c	48	46	7	8	–	–	6	6	–	20	–	2
	Aberporth	08·9	−12	W'ly	4	cro	45	39	8	5	2	–	8	5	8	12	25	1
7	Holyhead	06·5	−26	W	2	q	45	39	7	8	–	–	7	4	7	20	25	1
	Valley	06·6	−2	W	4	c	43	36	8	–	7	–	7	7	–	–	–	0
	Hawarden	05·2	−2	SW'ly	4	c/pr	42	34	6	8	–	–	6	5	3	12	25	1
8	Manchester	04·2	−4	W'ly	6	c	45	38	8	2	–	1	8	3	8	20	–	1
	Squires Gate	00·8	0	WNW	6	mo	38	34	7	3	4	9	4	3	2	10	–	1
	Carlisle																	
9	Finningley	03·6	+2	W	4	2o	41	34	6	2	–	2	6	2	5	25	–	1
10	Spurn Head	03·0	+4	W	6	b	42	36	7	–	–	–	2	0	–	–	–	0
	Leeming	01·5	+8	WSW	6	bc	40	34	8	5	5	–	4	1	4	15	57	0
	Tynemouth	98·9	+6	WNW	5	q	39	32	7	8	–	–	3	3	–	20	–	0
	Acklington	98·4	+12	WNW	6	b	37	31	8	–	–	–	0	0	0	–	–	0
11	St. Abb's Head	95·3	−12	W	7	q	40	38	7	7	–	–	3	3	–	35	–	0
	Leuchars	96·2	+14	W	5	b	39	30	7	–	4	–	3	1	–	–	–	0
	Bell Rock	95·7	+8	W	7	b	41	35	8	4	–	–	2	1	–	15	–	1
12	Renfrew	99·2	0	NW	4	pro	39	32	7	3	–	9	5	3	4	12	–	1
	Prestwick	99·7	+2	W'NW	4	c	43	36	7	9	–	–	8	3	8	18	25	1
	Wigtown	01·9	−4	W	4	c	40	36	8	2	6	7	6	3	2	30	–	1
	Eskdalemuir	00·1	+6	W'NW	4	c-bc	36	32	8	2	6	3	5	4	3	15	25	1
	Point of Ayre	02·8	0	W	6	c	43	38	8	2	–	7	8	2	5	20	25	0
13A	Tiree	98·2	−4	W	4	bc	42	31	8	3	–	5	4	4	3	18	–	1
	Benbecula	96·0	+2	W	4	b	41	32	8	3	–	5	3	3	1	22	–	0
13B	Stornoway	94·9	+10	NW	3	c/ph	36	34	7	3	–	–	6	4	5	8	15	1
	Cape Wrath	92·3	+22	NW	4	PH	41	30	9	5	–	–	5	5	–	20	–	2
15	Dalwhinnie	95·0	+12	SW	3	pho	34	29	7	5	–	–	5	5	–	10	–	7
	Aberdeen	92·9	+18	W'ly	4	b	39	29	7	8	6	3	1	1	1	25	–	1
	Rattray	91·4	+32	W	5	bc	38	34	7	5	–	–	4	4	–	30	–	1
	Lossiemouth	94·5	+22	W	4	c/pr	38	37	6	3	–	–	6	3	6	10	25	1
	Wick	91·7	+26	–	0	c/ph	36	35	8	3	–	–	7	7	–	24	–	1
16	Hatston	91·5	+26	NW	3	pro	38	36	8	8	–	–	6	4	6	15	25	1
	Lerwick	89·4	+24	NE'E	4	c	37	32	7	6	–	–	8	8	–	25	–	1
17	Blacksod Point †	01·8	−42	S	2	rr	46	44	6	8	2	–	8	8	–	8	–	2
18	Malin Head †	99·9	−12	WNW	3	c-bc	33	25	8	8	–	7	5	3	–	25	–	1
	Aldergrove	03·4	−10	WSW	3	c	39	37	8	5	7	–	8	5	8	25	–	1
	Cas Archdale	02·9	−14	SSW	3	ro/o	41	38	6	6	2	–	8	4	8	12	40	1
19	Birr Castle … †	04·4	−32	SW	1	cv	43	43	7	5	–	–	8	8	–	8	–	1
	Collinstown †	06·0	−16	WSW	4	ro/o	41	37	8	5	2	–	8	8	–	28	–	1
20	Rineanna †	05·0	−32	S'E	3	ro/o	45	43	7	6	2	–	8	6	–	13	–	1
	Valentia †	04·5	−58	SW'ly	6	ro/o	51	40	6	6	2	–	8	6	–	11	–	1
	Roches Point †	08·1	−32	W'ly	4	cd	47	47	6	5	–	–	8	8	–	8	–	1

OBSERVATIONS during DAY (24h.)

Dist.	Stations. (For heights see p. 4.)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	bmo	czo	46	5·4	–
	Croydon	bmo2o	bzoyczo	47	6·0	–
	S. Farnborough	bbr	bcc	47	6·3	–
	Boscombe Down	bbcb	bcprobcido	46	5·2	0·2
	Calshot	bcidójpr	bcprbc	47	5·2	0·4
	Tangmere	bbdb	bcmo	48	5·9	Tr
	Lympne	bwbv	bcqc	46	6·4	–
	Manston	bcb	bcc	45	6·4	–
2	Shoeburyness	bmobz	bczoczo	45	5·6	–
	Felixstowe	bc	bcb	46	5·1	–
	Gorleston	bc	bc	44	4·5	–
	Mildenhall	bcbbc	bc	46	4·7	–
	West Raynham	cmobc	bcpro	43	3·8	Tr
	Waddington	cbc	bccbc	43	3·8	Tr
3	Cranfield	cb	bbc	44	5·7	–
	Honiley	bc	cbccbc	43	4·9	Tr
4	Little Rissington	bbc	bcc	43	5·3	–
	Defford	bbcbbc	bcc	47	5·5	Tr
5	Bristol	bbc	bcidob	45	4·1	2
	Hartland Point	bcprc	ccr	47	0·2	5
	Yeovilton					
	Portland Bill	bcbc	cc	50	*	–
	Exeter	bccphrgprbccprorpf	bccprorpf	46	1·4	–
	Plymouth	bcpr	bcprorpf	48	0·3	1
	St. Eval	cprocrPHRc	ccrorcmo	48	0·0	2
	Lizard	cprq	cprirq	50	2·8	3
	Guernsey	pro	pr	40	1·6	3
	Scilly, St. Marys	bcp	crrro	50	1·4	1
6	Fairwood	bcprobc	bcprocclro	46	1·3	2
	Pembroke	cpr	cqprocq	48	0·0	3
	Aberporth	bcc	cclro	45	0·0	4
7	Holyhead	bcqcqbcq	bcqccq	45	4·1	–
	Valley	bc	cbcc	46	4·3	–
8	Manchester	cprobpbr	cjpprobczopro	43	0·5	–
	Squires Gate	cbcc bcc	cbcc	46	3·6	–
	Carlisle	bcirabc	bcPrswo	40	*	–
9	Finningley	ccpro	cprobczo	44	3·1	Tr
10	Spurn Head	bqmo	bcq	44	4·8	–
	Leeming	biridob	bcphr	44	*	2
	Tynemouth	bcq	bcq	42	*	–
	Acklington	bo	b	42	4·2	–
11	St. Abb's Head	bcp	bcq	42	*	–
	Leuchars	bbc	b	42	5·6	–
	Bell Rock	bc	bc	*	*	*
12	Renfrew	bcprocpr	bcprorobpro	43	1·4	3
	Prestwick	cproc	cbcpro	45	*	1
	Wigtown	cpro	cprobcc	42	*	2
	Eskdalemuir	bcxbcprosobc	cpsoc	40	1·9	4
	Point of Ayre	bcc	bcc	44	3·4	–
13A	Tiree	bcproc	cpHRbc	45	1·1	0·5
	Benbecula	cprophrbc	prrobc	44	*	1
13B	Stornoway	cbccpro	cprocpho	42	0·0	4
	Cape Wrath	cpr	cphr	49	*	6
15	Dalwhinnie		cpso	36	0·7	3
	Aberdeen	bobcprobc	prqbcb	43	3·5	0·1
	Rattray	c	bcbc	45	*	1
	Lossiemouth	bcprpro	cpro	42	0·0	0·2
	Wick	cphrbc	cphr	41	0·4	5
16	Hatston	phrocpro	cprocpro	42	0·2	3
	Lerwick	cpro	cproc	39	0·0	5
17	Blacksod Point †	cpro	r	46	*	5
18	Malin Head †	pro	pr	44	0·3	1
	Aldergrove	bccpro	cprocbcc	42	2·9	Tr
	Cas Archdale	cphphbcc	cprocurmo	44	2·4	5
19	Birr Castle … †	pro	r	43	0·1	2
	Collinstown †	c	r	42	4·3	Tr
20	Rineanna †	pr	r	51	0·0	3
	Valentia †	pro	r	51	0·0	5
	Roches Point †	c	r	48	*	0·5

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

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10 or 4/10; 5 = 5/10; 6 = 6/10 or 7/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

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

‡ See footnote p. 4.

* Information not usually received.

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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.

Low cloud

Weather in past hour

Amount of Low cloud

Past weather

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

Scale 1 : 5,000,000

6h Saturday 27th December 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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	bm₀	c₂	c6 fo m₀	46	42	39	-	3	5·4	*	*
Croydon ...	bmo z₀	b z y c z₀	c z 6 m₀	47	41	*	-	1	6·0	65	93
Greenwich ...	b	b b c	c r r c	46	40	34	-	3·7	4·6	68	83
Westminster	*	*	*	55	40	38	3·2			69	85
Regents Park	*	*	*								
Camden Square	c	c	*	45	43	36	-	3·0	*	*	88
Kensington ...	bc	bc	*	47	41	33	Tr	3·5		87	55
Hampstead ...	bc	bc	b c o d	45	48	34	-	Tr			93

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h 27th Max < 0·1 Whole of period

LOW

LOW

HIGH

990 992 994 996 998 1000 1002 1004 1006 1008 1010

GENERAL INFERENCE

Deep elongated depression West of Scotland moving east-north-east.

It will be rather mild and cloudy with occasional rain or drizzle over England and Wales with fair intervals in the North and West. In Scotland there will be periods of rain with snow or sleet in extreme North with heavy falls on high ground in the North. There will be a gradual improvement in Scotland with showers and bright periods tomorrow but cold.

FURTHER OUTLOOK

Occasional rain in South and rather mild. Rather cold and showery in the North. Rather cold but fair in central districts with renewed rain and milder conditions spreading from the West.

Gale Warnings are in operation for land areas South of a line from Mallaig to Stonehaven not including land areas in Ireland South of a line Killory to Howth.

Chart of Weather in the Northern Hemisphere.

Morning of

Saturday 27th December

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.T.

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

Saturday 27th December 1947 — No. 31446

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility 0–9 (8)	Cloud. Form. Low. (9a)	Form. Med. (10a)	Form. High. (11a)	Amount. Total. 0–9 (12a)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew ...	16						43										
	Croydon ...	217	07·5	-24	S	4	c/o	42	40	6	5	7	–	8	3	8	21	–
	S. Farnborough	226	07·1	-26	SW·S	4	dr	45	42	7	5	2	–	8	3	8	12	40
	Boscombe Down	417	07·9	-28	SW	4	c/o	45	44	7	5	2	–	8	4	8	22	40
	Calshot ...	8	09·0	-26	SW	5	rr	46	45	7	5	2	–	8	5	8	15	–
	Tangmere ...	53	09·0	-22	WSW	4	c/o	47	46	6	5	–	–	8	8	–	20	–
	Lympne ...	341	09·3	-10	SW	3	i/o	41	40	7	6	–	–	8	8	–	10	–
	Manston ...	140	09·0	-2	WSW	4	ir	42	38	6	5	–	–	8	8	–	20	–
2	Shoeburyness	11																
	Felixstowe ...	18	07·3	-2	W	5	i/o	42	37	6	–	2	–	8	8	–	–	–
	Gorleston ...	5	05·2	-4	WNW	4	mo	42	38	7	–	1	–	8	8	–	60	–
	Mildenhall	15	05·1	-16	SW	4	c/o/o	43	39	8	5	1	–	8	4	8	25	–
	West Raynham	250	04·5	-6	SW	4	i/o	40	36	7	–	2	–	8	8	–	–	–
	Waddington	235	04·0	-6	SW·W	4	mo	40	36	6	5	–	–	8	8	–	60	–
3	Cranfield ...	340	05·8	-22	SW·S	4	c/o/o	41	39	6	6	2	–	8	5	8	5	–
	Honiley ...	427	03·4	-30	SSW	4	c/o/o	41	38	7	–	2	–	8	8	–	–	–
4	Little Rissington	731	05·0	-30	SSW	4	r/s	40	40	2	5	–	–	8	8	–	2	–
	Defford ...	58	03·7	-38	SSW	3	rr	44	43	7	6	2	–	8	4	8	5	–
5	Bristol ...	209	05·5	-38	SW	5	rr	46	44	6	5	–	–	8	4	8	8	15
	Hartland Point	199	07·1	-52	WSW	8	rr	49	49	6	–	2	–	8	8	–	–	–
	Yeovilton	50																
	Portland Bill	32	08·5	-26	W&W	7	c/o	50	48	6	5	–	–	8	8	–	10	–
	Exeter ...	100	07·0	-32	SW	5	i/o	49	44	8	5	7	–	8	5	8	33	70
	Plymouth ...	86	08·9	-48	W	5	c/o	51	48	6	5	2	–	8	5	8	8	–
	St. Eval ...	345	08·7	-30	SW	7	c/o/o	49	48	7	5	–	–	8	8	–	12	–
	Lizard ...	240	09·7	-32	W·S	7	c	50	48	7	5	–	–	8	8	–	20	–
	Guernsey ...	340	12·5	-20	W	7	c/r	50	49	7	5	7	–	8	4	4	16	25
	Scilly, St. Marys	163	08·6	-26	WSW	7	c	51	48	7	5	–	–	8	8	–	–	–
6	Pairwood ...	268	03·5	-40	W	7	RR	49	49	5	5	–	–	8	8	–	15	–
	Pembroke ...	142	00·9	-56	WSW	8	i/R	51	51	6	6	–	–	8	8	–	15	–
	Aberporth ...	425	00·5	-56	SW	6	rr	49	49	6	–	2	–	8	8	–	9	–
7	Holyhead (Valley)	32	96·8	-70	S	4	rr	47	47	6	8	2	–	8	3	8	10	15
	Hawarden	15	01·3	-48	SE	1	dodo	41	41	6	5	–	–	8	8	–	28	–
8	Manchester	230	01·6	-30	SSE	3	c/o/o	40	38	7	6	2	–	8	2	8	12	–
	Squires Gate	33	99·3	-40	S·E	4	rr	42	41	6	5	2	–	8	4	8	20	–
	Carlisle	100	97·3	-30	SW	1	rr	41	39	7	2	7	–	8	5	8	10	–
9	Finningley	28	01·8	-20	SSW	3	mo	41	36	6	–	2	–	8	8	–	–	–
10	Spurn Head	26	02·5	-6	WSW	5	mo	41	39	6	–	1	–	8	8	–	–	–
	Leeming	105	99·8	-18	SSW	2	c	42	39	8	5	2	–	6	4	6	20	–
	Tynemouth	108	98·5	-6	W	3	bc	41	35	7	5	–	–	4	7	–	15	–
	Acklington	138	98·3	-4	WNW	6	c	37	21	8	–	7	–	7	7	–	–	–
11	St. Abb's Head	280	95·1	+2	W	5	b/bcq	40	40	7	5	–	–	3	3	–	35	–
	Leuchars ...	31	96·0	-2	W	3	b/bc	35	31	8	–	–	5	3	–	–	–	–
	Bell Rock ...	–	96·7	-4	W	4	bc	40	32	8	–	–	6	4	0	–	–	–
12	Renfrew	35	98·3	-26	–	0	c/r	39	37	7	2	–	–	7	3	5	20	25
	Prestwick ...	30	96·5	-28	SSW	3	c	43	39	8	8	3	7	8	3	6	25	40
	Wigtown	10	97·9	-24	SW·S	3	c/o/o	42	39	7	5	2	–	8	2	3	12	25
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	97·2	-36	S	1	c/o/o	41	40	8	5	2	–	8	4	8	15	–
13A	Tiree ...	44	93·9	-30	ESE	1	c	37	34	8	5	1	–	8	4	8	30	–
	Benbecula ...	27	93·0	-22	SW	1	c	38	30	8	4	–	7	8	2	8	32	–
13B	Stornoway ...	12	93·4	-10	WNW	1	c/bc	34	32	7	5	–	–	5	5	–	20	–
	Cape Wrath	367	92·0	-16	SW	3	c/bc	39	32	9	2	–	–	5	5	–	25	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79						34										
	Rattray ...	46	93·7	+12	W	4	c·bc	36	33	7	5	–	–	5	5	–	30	–
	Lossiemouth	21	93·7	-10	WSW	4	b·bc	34	34	8	5	–	5	3	1	8	20	–
	Wick ...	114	92·6	-6	WNW	2	b·bc	31	30	8	3	–	3	3	1	8	25	–
16	Hatston ...	45	92·4	-2	SW	1	b·bc	34	33	8	2	6	2	3	1	1	20	–
	Lerwick ...	260	92·5	+10	E'N	2	bc	36	27	8	5	–	–	4	–	–	55	–
17	Blackrod Point †	18	92·4	-32	SSW	4	dd	52	52	6	–	2	–	8	8	–	4	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	98·4	-50	SE	3	c/o/o	40	38	6	5	2	–	8	3	8	20	40
	Cas. Archdale	225	93·3	-50	SE	3	rr	41	41	6	5	–	–	8	4	8	6	25
19	Birr Castle ... †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	320	95·1	-66	SW	4	c/o/o	49	49	6	6	1	–	8	5	–	10	–
20	Rineanna ... †	13	97·4	-22	WSW	6	c/o/o	53	53	7	5	–	–	5	8	–	15	–
	Valentia ... †	30	99·7	-24	SW·S	6	c/o/o	54	54	5	6	–	–	8	8	–	9	–
	Roches Point †	22	01·0	+22	SW	5	dd	52	52	6	5	–	–	8	8	–	4	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

OBSERVATIONS at 06hr. G.M.T. 27th December. 9 h.

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (29)	Wind. Force (30)	Weather. (21)	Temp. °F. (22)	Dew Point °F. (23)	Visibility 0–9 (24)	Cloud. Form. Low. (25a)	Form. Med. (26a)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ (33)
1	Kew ...	37·9	-30	SW·W	5	c/r	50	48	8	5	–	–	8	3	8	12	25	1
	Croydon ...	38·9	-34	SW	4	r	50	49	7	5	–	–	8	5	8	11	–	1
	S. Farnborough	38·8	-32	SW·W	6	c/o/o	50	49	7	5	–	2	8	5	8	12	15	1
	Boscombe Down	00·4	-26	SSW	6	i/o	51	50	6	5	–	2	8	4	8	11	15	1
	Calshot ...	05·0	-26	WSW	6	i/o	51	49	8	5	–	–	8	8	–	15	–	1
	Tangmere ...	01·4	-32	WSW	5	rr	51	51	5	5	–	–	8	8	–	10	–	1
	Lympne ...	00·8	-42	SW	6	c/r	49	49	5	5	–	–	7	7	–	8	–	1
	Manston ...	98·8	-54	SW·W	6	i/r	45	43	6	5	–	–	8	8	–	25	–	1
2	Shoeburyness	97·8	-40	WSW	5	i/c/o	51	47	6	3	–	–	8	8	–	9	–	1
	Felixstowe ...	96·5	+66	W	5	c/r/o	48	44	6	3	–	–	8	4	8	22	40	1
	Gorleston ...	94·8	-82	SSW	4	rr	45	45	6	–	2	–	8	8	–	24	–	1
	Mildenhall	95·4	-46	SW	5	c	44	43	8	3	–	–	8	8	–	17	–	1
	West Raynham	93·6	-64	SSW	5	c/o/o	45	45	7	5	2	–	8	5	6	6	25	1
	Waddington	92·4	-60	SW	4	mo	47	47	6	5	–	–	8	8	–	20	–	1
3	Cranfield ...	95·5	-38	SW·W	6	c	50	48	7	5	–	–	8	8	–	11	–	1
	Honiley ...	94·6	-30	WSW	6	i/o	51	49	7	5	–	–	8	8	–	19	–	1
4	Little Rissington	95·9	-34	W	7	c/r	50	48	7	5	–	–	8	5	8	4	8	1
	Defford ...	95·5	-26	SW	4	o	55	48	7	5	–	–	8	8	–	25	–	1
5	Bristol ...	99·6	-28	SW	7	rr	52	50	6	6	2	–	8	4	8	9	15	1
	Hartland Point	97·6	-24	WSW	8	rr	52	51	6	5	–	–	8	8	–	–	–	1
	Yeovilton																	1
	Portland Bill	02·6	-26	WSW	8	RR	52	49	6	5	–	–	8	8	–	10	–	1
	Exeter ...	01·3	-30	SW	4	r/o/o	53	50	7	5	2	–	9	4	7	15	26	1
	Plymouth ...	03·2	-24	W	6	r/o/o	53	53	5	6	2	–	8	5	8	5	–	1
	St. Eval ...	02·9	-26	SW	7	r/o/o	52	52	6	5	–	–	8	8	–	4	–	1
	Lizard ...	03·6	-38	W·S	7	i/r/o	52	52	6	5	–	–	8	8	–	10	–	1
	Guernsey ...	06·9	-26	WSW	7	c/r	50	49	7	5	–	–	8	5	4	12	15	1
	Scilly, St. Marys	02·1	-30	SW·W	7	i/r	52	52	6	5	–	–	8	8	–	–	–	1
6	Pairwood ...	97·8	-26	WSW	7	r/r	52	52	5	5	–	–	8	8	–	8	–	2
	Pembroke ...	95·8	-26	W·S	8	i/o	53	53	6	6	–	–	8	8	–	10	–	1
	Aberporth ...	95·5	-26	WSW	6	i/o	52	51	6	–	2	–	8	8	–	12	–	1
7	Holyhead (Valley)	91·6	-18	SW	6	c/r	52	52	6	5	2	–	8	3	7	10	15	1
	Hawarden	91·9	-26	SW	5	c/r	54	50	6	5	1	–	8	4	8	28	–	1
8	Manchester	91·9	-22	SSW	5	c/o/o	51	50	6	5	7	–	8	4	8	9	–	1
	Squires Gate	89·6	-42	SW	6	do/do	49	49	6	5	7	–	8	4	8	15	–	1
	Carlisle	86·9	-62	SE	2	c/o/o	41	39	7	4	2	–	8	8	–	20	–	1
9	Finningley	90·8	-54	SSE	2	r/o/o	42	42	5	5	–	–	8	8	–	17	–	1
10	Spurn Head	92·6	-60	SSE	4	r/o/o	43	43	6	6	–	–	8	8	–	10	–	1
	Leeming	90·0	-54	SE	3	i/R	39	39	7	5	–	–	8	8	–	10	–	1
	Tynemouth	90·0	-44	SW	3	r/r	40	38	7	5	–	2	8	8	–	18	–	1
	Acklington	91·4	-24	SSW	1	i/c/o	38	38	6	5	2	–	8	8	–	15	–	1
11	St. Abb's Head	88·7	-44	SW	5	r/o/o	38	38	6	5	–	–	8	8	–	20	–	1
	Leuchars ...	88·4	-48	WSW	2	r/c/o	38	37	6	5	–	–	8	8	–	20	–	1
	Bell Rock ...	88·0	-40	S	3	c/o/o	40	36	7	5	–	2	8	8	–	15	–	1
12	Renfrew	85·7	-56	E'N	3	r/r	39	38	7	5	–	2	8	8	–	25	–	1
	Prestwick ...	84·5	-66	SE	3	q/	42	41	5	5	2	–	8	6	8	16	25	1
	Wigtown	86·8	-58	S	2	DD	45	45	4	5	–	–	8	8	–	4	–	1
	Eskdalemuir	87·3	-56	SSE	3	c/o/o	37	36	6	5	–	–	8	8	–	15	–	1
	Point of Ayre	86·8	-46	SW·W	5	c/o/o	51	51	7	8	2	–	8	4	8	8	15	1
13A	Tiree ...	80·9	-80	ESE	4	r/o/o	41	39	6	5	2	–	8	5	8	8	15	1
	Benbecula ...	82·4	-22	ESE	2	r/r	40	39	7	–	2	2	8	5	8	25	–	1
13B	Stornoway ...	85·4	-46	SSE	3	i/r/o	38	35	7	5	2	–	8	5	8	15	–	1
	Cape Wrath	86·5	-36	S	3	c/bc	36	30	9	5	2	–	5	5	–	25	–	1
15	Dalwhinnie																	1 2"
	Aberdeen ...	88·1	-40	–	0	c	33	27	7	5	7	–	8	1	8	40	–	1
	Rattray ...	88·2	-64	S	2	o	33	28	7	8	1	–	8	8	–	20	–	1
	Lossiemouth	86·8	-50	NW	3	c	30	29	8	8	2	–	8	8	–	20	–	1
	Wick ...	86·3	-42	S·S·E	1	c	36	32	8	5	–	–	8	4	8	25	–	5
16	Hatston ...	87·5	-38	SE	1	c/bc	36	32	8	2	5	–	7	5	2	20	–	1
	Lerwick ...	89·4	-20	S·E·E	3	bc	37	23	8	5	–	–	7	4	2	20	–	3
17	Blackrod Point †	87·5	-20	SW	7	c	52	48	7	6	–	–	8	8	2	8	–	2
18	Malin Head †	81·9	-46	SW	5	r/o/o	50	49	7	7	2	–	8	8	1	8	–	1
	Aldergrove	86·0	-42	WSW	5	c/r	50	48	7	5	7	–	8	4	6	22	40	1
	Cas. Archdale	86·2	-22	WSW	6	r/o/o	49	47	6	5	2	–	8	4	8	8	40	2
19	Birr Castle ... †	90·4	-30	SW	3	c	51	47	7	8	–	–	8	8	–	15	–	1
	Collinstown †	90·5	-14	SW·W	9	i/r/o	53	49	7	5	–	–	8	4	8	12	–	1
20	Rineanna ... †	93·9	-18	SW·W	6	c/r	52	50	6	5	–	–	8	4	8	12	–	1
	Valentia ... †	95·6	-26	W·S	4	i/r	51	51	6	5	–	–	8	8	–	4	–	1
	Roches Point †	95·8	-30	W·S·W	4	do/do	52	52	7	5	–	–	8	8	–	8	–	1

OBSERVATIONS Friday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–06h. Min. °F. (41)	Temperature 21h.–06h. Min. on Grass °F. (42)	Rain 21h.–06h. mm. (43)
1	Kew ...	c/c/r/m/o	c/r/c/r/m/o	42	39	3
	Croydon ...	c/z/c/r/o/m/o	c/r/r/m/o/c	41	*	4 2
	S. Farnborough	c/c/i/d/o	o/d/o/d/m/o	41	39	0·3
	Boscombe Down	c/c/r/o/m/o	c/r/i/o/c	41	39	0·3
	Calshot ...	c/i/d/o	c/r/r/m/o	45	41	13
	Tangmere ...	c/m/o/r/o/f/o	c/m/o/r/r	43	42	8
	Lympne ...	c/c/f/o	c/r/f/o/m/o	40	37	6
	Manston ...	c/i/r	c/r/r/m/o/r	41	39	6 4
2	Shoeburyness	b/c/r/o/m/o	o/i/d/o/m/o	41	37	4 3
	Felixstowe ...	c/o/m/o	p/i/r/o/c/r/o	41	39	5 7
	Gorleston ...	c/o	p/r/r/z	40	*	7
	Mildenhall	b/c/o/f/o	r/o/c	40	39	4
	West Raynham	b/e/c/f	c/r/o/m/o/c/d	39	36	10
	Waddington	c/m/c	c/o/r/o	41	36	6
3	Cranfield ...	b/c/c/i/o/m/o	c/r/o/l/m/o	38	*	2 2
	Honiley ...	b/c/c/i/d/o/f/o	c/f/o/f	40	38	2
4	Little Rissington	c/o/r/o/f	o/r/r/m/c/r/o	40	39	3
	Defford ...	c/o/f/o/r	p/r/r/m/o/r/c	42	40	3
5	Bristol ...	c/m/o/r/r/m/o	r/r/m/o/c/d/o	42	42	17
	Hartland Point	c/r/r/o/q	r/r/q/o	47	42	7 8
	Yeovilton			40	36	
	Portland Bill	c/o/l/m/o	o/r/r	49	*	8
	Exeter ...	a/l/c/i/r/o/q	c/l/l/o/r/o/q/	46	43	8 7
	Plymouth ...	a/l/o/l/f/c	c/r/o/l/m/o	43	41	9 6
	St. Eval ...	c/f/o/l/m/o/c/f/o/6	c/r/o/s/d/o	48	38	3 3
	Lizard ...	o/i/d/o/q	o/i/r/q/	48	*	3
	Guernsey ...	c/r	r	47	45	3
	Scilly, St. Marys	c/i/r/c	c/i/r/.	50	*	1
6	Pairwood ...	c/r/r/m/o/R/f/m/o	c/R/R/o/f/o	45	40	19
	Pembroke ...	c/q/r/c/q/i/r/	o/m/q/i/6	45	*	13
	Aberporth ...	c/r/o/f/o/r/r/	c/r/r/o/r/o	44	44	10
7	Holyhead (Valley)	c/q/r/q/f/o/	c/r/r/m/o/f/o	44	39	8
	Hawarden	c/i/d/o/m/o	c/r/o/m/c/m/o	40	39	7
8	Manchester	c/r/o/i/f/o	c/r/o/r/r/m/o	39	38	10
	Squires Gate	d/r/r/c/q/d/o/	r/r/r/q/d/o/	40	40	14
	Carlisle	b/e/c/m/o/i/R/o	c/r/r/d/o/f/o/	41	35	4
9	Finningley	b/c/z/o/i/f/c/m/o	c/m/o/f/o/	39	36	3
10	Spurn Head	o/m/o	o/m/o/f/o	40	*	8
	Leeming	b/c/c	c/r/r	42	37	6
	Tynemouth	b/c/q/o	c/o/f/o	39	39	5
	Acklington	b/c/c	c/o/f/o	37	36	5
11	St. Abb's Head	b/c/q	c/q/f/o/	37	*	19
	Leuchars ...	b/c/b/c	b/c/c/f/o/	33	28	4
	Bell Rock ...	b/c	c/o/f/o/	*	*	3
12	Renfrew	c/i/o/	c/r/o/r/r	36	31	9
	Prestwick ...	c/	r/o/f/r/m/o	39	38	5
	Wigtown	c/g/f/o/	r/r/o/D/D/	40	38	4
	Eskdalemuir	c/b/c/c/i/f/	c/f/o/r/m/o	35	32	9
	Point of Ayre	c/f/o/f/o	c/r/f/o	41	*	5
13A	Tiree ...	b/c/p/r/i/c/	o/c/r/r/m/o	36	31	9
	Benbecula ...	b/c/c	c/c/r/r	37	35	7
13B	Stornoway ...	c/b/c/c	c/c/i/6	29	25	11
	Cape Wrath	c/p/h/r/c	c	34	26	
15	Dalwhinnie			29	29	
	Aberdeen ...	b/x	b/x/c/x	33	23	1
	Rattray ...	c/c	o/c	31	*	0
	Lossiemouth	c/b/c/c	b/c/c	27	27	7
	Wick ...	c/p/r/b/x	c	29	22	1
16	Hatston ...	c/f/o/b/c	b/b/c/c	32	25	
	Lerwick ...	b/c/c	b/c/b/b/c	33	19	
17	Blackrod Point †	d/d	c	44	*	
18	Malin Head †		r	40	*	
	Aldergrove	c/i/f/o/f/o/r/o/	c/r/a/i/r/o	39	38	
	Cas. Archdale	c/f/o/f/o/m/o	c/i/f/o/i/m/o	39	39	5
19	Birr Castle ... †	*		43	42	16
	Collinstown †	c/f/o/f/o	r/r/r/	40	39	9
20	Rineanna ... †	c/f/o/f/o	r/r/r/	44	44	18
	Valentia ... †	c/f/o/f/o	r/r/r/	49	48	10
	Roches Point †	c/d/d	d	52	*	4

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

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

Sunday 28th December 1947 — No. 21447

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

Diagram No.	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0-9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0-9 (12)	Amount. Low. A. 0-9 (13)	Amount. Low. B. 0-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	25.1	-22	SW'W	5	mo	54	50	6	5	-	-	8	5	8	9	25
	Croydon	25.8	-16	SW	7	cdo	55	51	6	5	-	-	8	8	-	10	-
	S. Farnborough	25.7	-14	SW	6	dodo	55	52	6	5	-	-	8	4	8	12	25
	Boscombe Down	27.2	-18	SW'S	5	cro	53	53	5	5	-	-	8	4	8	8	15
	Calshot	23.4	-12	WSW	7	cro	53	51	6	5	2	-	8	8	-	6	-
	Tangmere	28.2	-18	W	6	roro	53	53	6	5	-	-	8	8	-	4	-
	Lympne	27.1	-18	SW	7	cro	52	52	6	6	-	-	8	8	-	5	-
	Manston	26.1	-18	SW'W	5	dodo	54	51	7	5	-	-	8	5	8	14	25
2	Shoeburyness	24.8	-16	SW'W	5	c	54	49	7	5	-	-	8	4	8	11	15
	Felixstowe	23.3	-18	W	6	mo	53	50	6	5	-	-	8	4	8	15	40
	Gorleston	21.9	-8	W	4	c/pr	55	52	7	5	7	-	8	5	3	25	72
	Mildenhall	22.7	-18	S'W	5	c/r	55	52	7	5	-	-	8	8	-	12	-
	West Raynham	21.0	-10	SW	6	roro	52	50	7	5	-	-	8	7	4	8	72
	Waddington	19.4	-12	SW'W	4	rr	52	51	5	6	2	-	8	4	8	6	-
3	Cranfield	23.0	-14	WSW	6	c	54	49	8	5	-	-	8	8	-	15	-
	Honiley	21.6	-20	SSW	5	cro	52	50	8	5	-	-	8	8	-	20	-
4	Little Rissington	23.1	-18	W	7	cro	52	49	7	5	-	-	8	5	8	6	8
	Defford	22.3	-22	WSW	6	rr	57	53	7	5	2	-	8	3	4	18	15
5	Bristol	26.5	-10	SW	6	rr	54	52	7	5	-	-	8	8	-	8	-
	Hartland Point	26.0	-2	WSW	7	roro	52	52	6	5	-	-	8	8	-	-	-
	Yeovilton																
	Portland Bill	00.7	-12	WSW	9	roro	53	51	6	5	-	-	8	8	-	10	-
	Exeter	28.7	-12	WSW	5	dodo	56	52	6	6	-	-	8	6	-	15	40
	Plymouth	00.7	-6	W	7	rr	55	53	7	6	2	-	8	8	-	4	15
	St. Eval	01.4	-2	SW	7	dodo	52	52	7	5	-	-	8	8	-	3	-
	Lizard	02.1	+2	W'S	7	rr	55	53	7	5	-	-	8	8	-	10	-
	Guernsey	04.6	-10	SW'W	7	roro	53	53	6	5	-	-	8	8	-	-	TR
6	Scilly, St. Marys	01.3	+2	WSW	7	rr	53	53	7	5	-	-	8	8	-	15	-
	Fairwood	25.5	-8	W	7	dodo	52	52	6	5	-	-	8	8	-	8	-
	Pembroke	23.6	-10	W	6	c	53	53	6	6	-	-	8	8	-	15	-
	Aberporth	23.2	-10	WSW	6	c	52	50	7	5	-	-	8	8	-	12	-
7	Holyhead (Valley)	28.9	-10	SW	6	c	51	49	8	5	7	-	6	4	6	15	-
	Hawarden	29.5	-18	WSW	5	pr	55	50	8	5	7	-	7	4	3	18	25
8	Manchester	29.1	-10	SW	5	c	52	48	7	5	7	-	8	8	4	15	40
	Squires Gate	27.6	-2	SW'W	6	c	50	47	7	6	2	-	8	8	-	20	-
	Carlisle	22.1	-16	WSW	6	mo	50	45	7	6	5	2	8	4	4	..	15
9	Finningley	27.6	-16	SW'S	3	rr	52	50	5	6	2	-	8	4	8	8	15
10	Spurn Head	28.2	-12	WSW	6	roro	50	50	5	5	-	-	8	8	-	15	-
	Leeming	24.9	-18	W	6	c	53	44	6	7	7	-	8	8	-	20	-
	Tynemouth	27.4	-24	W	2	c-bc	51	42	7	6	2	-	8	4	3	18	57
		21.7															
	Acklington	30.1	-50	WSW	6	c	49	47	7	5	7	-	7	5	6	12	-
11	St. Abb's Head	31.6	-32	SW	6	c	42	42	7	6	7	-	8	5	8	25	-
	Leuchars	27.4	-52	SW	6	c/r	41	40	7	6	5	-	8	8	-	10	25
	Bell Rock	27.4	-50	WSW	5	c/R	45	43	6	-	-	-	8	8	-	8	-
12	Renfrew	28.0	-24	W	6	c/r	48	42	7	5	-	-	7	4	7	20	40
	Prestwick	29.2	-28	WSW	5	c/r	49	44	7	5	7	-	6	5	6	25	-
	Wigtown	32.8	-18	WSW	6	c	50	47	7	6	-	-	7	5	7	14	40
	Eskdalemuir	30.5	-30	W'S	4	rr	45	44	6	5	-	-	8	6	8	5	15
	Point of Ayre	34.2	-8	WSW	6	c	51	48	8	5	7	-	6	1	5	18	25
13A	Tiree	32.5	-32	WSW	8	c-bc	49	39	7	2	7	-	5	5	-	10	-
13B	Benbecula	29.5	-58	NNE	5	cro	35	35	7	5	7	2	8	4	5	8	-
	Stornoway	31.9	-66	ENE	5	roro	37	36	7	6	5	-	8	8	5	8	15
14	Cape Wrath	33.3	-68	NE	5	RR	34	34	8	5	-	-	8	8	-	20	-
15	Dalwhinnie																
	Aberdeen	26.6	-44	SE'S	4	roro	40	39	6	6	2	-	8	7	8	6	40
	Rattray	29.1	-58	SSE	4	c/r	39	35	7	8	5	-	8	8	4	20	-
	Lossiemouth	24.6	-74	ESE	5	c/r	37	34	7	8	5	-	8	4	8	15	25
	Wick	25.7	-64	ESE	4	RR	39	37	6	5	2	-	8	8	8	8	-
16	Hatston	28.2	-48	SE	4	roro	37	35	7	5	7	-	8	8	8	10	-
	Lerwick	32.3	-38	SE	5	c	39	28	8	6	-	-	8	4	8	8	15
17	Blacksod Point †	26.1	-2	WSW	7	bc	50	44	8	6	-	-	8	8	-	8	-
18	Malin Head †	29.6	-8	W	7	pro	46	42	8	5	-	-	8	8	-	12	-
	Aldergrove	33.1	-14	WSW	6	c/pr	49	42	8	7	-	-	8	6	6	18	25
	Cas Archdale	33.6	-6	W	6	c/r	49	41	7	5	-	-	6	4	5	15	40
19	Birr Castle †	29.6	-2	W	3	c-bc	41	43	8	8	3	-	6	5	1	15	-
	Collinstown †	28.4	-6	W'S	5	c/pr	49	45	8	8	3	6	8	8	3	15	-
20	Rineanna †	32.5	-2	WSW	5	c-bc/pr	50	46	8	8	3	-	8	8	3	15	-
	Valentia †	34.8	0	SW'W	5	pro	51	47	8	8	3	-	8	8	3	22	-
	Roches Point †	34.8	+6	W	5	pro	51	47	8	8	3	-	8	8	3	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Diagram No.	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0-9 (28)	Amount. Low. A. 0-9 (29)	Amount. Low. B. 0-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. ++ 0-6 (33)
1	Kew	24.5	+2	WSW	5	cro	53	47	6	5	2	-	8	5	7	8	15	1
	Croydon	25.1	+2	SSW	7	mo	53	47	6	6	7	-	8	4	5	22	-	0
	S. Farnborough	25.1	+4	SW	6	cro	53	47	7	5	2	-	8	4	5	24	-	1
	Boscombe Down	26.5	+4	SW	5	roro	51	48	7	-	2	-	8	8	-	-	-	1
	Calshot	27.9	-2	WSW	5	mo	52	50	6	-	2	-	8	8	-	-	-	1
	Tangmere	27.1	-2	W	5	mo	53	52	6	5	-	-	8	8	-	5	-	1
	Lympne	25.4	-4	SW	6	mo	52	50	6	6	1	-	8	4	8	13	-	1
	Manston	24.3	-2	SW'W	5	bc	51	51	7	5	-	-	8	4	-	6	-	1
2	Shoeburyness	23.7	-2	WSW	5	c	54	46	7	5	-	-	8	4	8	5	-	1
	Felixstowe	22.0	0	W	6	mo	53	47	6	5	-	-	8	2	8	15	40	1
	Gorleston	23.5	+2	WNW	5	pro	51	47	6	5	2	-	8	7	3	10	40	1
	Mildenhall	21.1	-8	WSW	4	cbc/pr	50	46	6	6	3	-	5	3	4	25	-	1
	West Raynham	20.9	+2	WSW	5	bc/r	49	42	7	5	3	-	4	1	4	20	-	1
	Waddington	21.5	+2	SW'W	4	cbc	47	42	7	-	-	2	5	5	-	-	-	1
3	Cranfield	21.9	+2	WSW	6	c	51	46	7	5	7	-	8	4	8	18	-	1
	Honiley	21.1	+8	W	4	c	49	43	8	5	3	2	8	4	5	15	-	1
4	Little Rissington	22.4	+4	WSW	6	c	48	43	7	6	-	8	7	4	7	8	-	1
	Defford	22.3	+8	WSW	4	cbc	51	42	8	5	3	-	5	2	5	25	-	1
5	Bristol	25.6	-2	WSW	6	cro	50	48	7	3	2	-	8	5	4	10	15	1
	Hartland Point	24.1	-6	W	7	rr	50	46	7	5	2	-	8	4	4	8	-	1
	Yeovilton																	
	Portland Bill	23.6	0	WSW	7	mo	53	49	6	6	-	-	8	8	-	10	-	1
	Exeter	28.2	+2	W'S	5	dodo	50	45	7	6	2	-	8	8	-	20	40	1
	Plymouth	29.3	-2	W	5	mo	54	45	6	6	-	-	8	4	5	8	40	1
	St. Eval	29.9	+2	WSW	5	cro	48	48	6	5	-	-	8	4	4	8	15	1
	Lizard	29.8	-6	W	6	c	52	52	7	5	-	-	8	7	-	10	-	1
	Guernsey	02.2	-4	WSW	6	roro	53	53	6	5	-	-	8	8	-	1	-	1
6	Scilly, St. Marys	29.5	-2	WSW	6	cro	53	50	7	5	-	-	8	8	-	15	-	1
	Fairwood	29.4	-2	W	7	mo	50	47	6	6	-	-	8	8	-	20	-	1
	Pembroke	29.1	+4	W	8	cq	52	48	6	6	-	-	7	7	-	25	-	1
	Aberporth	29.6	-4	SW	6	c	49	45	7	5	7	-	7	4	7	12	-	1
7	Holyhead (Valley)	28.6	+6	WSW	6	bbc	49	45	7	1	4	-	3	3	2	15	-	0
	Hawarden	29.4	+4	W	4	bc	49	42	8	6	-	-	4	4	-	15	-	1
8	Manchester	27.5	+2	SW'W	5	bc	49	38	7	5	-	-	4	4	-	20	-	1
	Squires Gate	25.9	+4	WSW	6	bbc	47	42	7	5	-	-	3	3	-	20	-	1
	Carlisle	30.4	+2	W	6	bbc	45	39	7	5	-	-	3	3	-	15	-	1
9	Finningley	26.6	+2	W	6	mo	50	42	6	2	7	-	4	4	2	20	-	1
10	Spurn Head	26.4	+4	W'S	6	mo	49	45	7	6	-	-	5	5	-	15	-	1
	Leeming	23.8	+2	W	6	ir	48	39	7	2	-	-	3	3	-	20	-	1
	Tynemouth	29.3	-6	W	5	bbcq	47	35	7	2	-	-	3	3	-	16	-	1
	Acklington	27.6	-2	W	6	bbc	46	37	7	5	-	-	3	3	-	15	-	1
11	St. Abb's Head	27.4	+4	SW	7	c	44	31	7	5	-	-	4	2	-	25	-	1
	Leuchars	27.4	-2	SW	7	bc	42	38	8	3	7	-	4	3	4	25	-	1
	Bell Rock	20.9	-14	W	8	bc	45	36	8	3	5	-	4	3	-	25	-	1
12	Renfrew	27.2	+6	W	5	pr	43	41	7	8	-	-	7	4	5	15	25	1
	Prestwick	29.0	+8	W	6	pro	44	42	6	9	-	-	8	6	8	10	15	1
	Wigtown	32.2	+6	WSW	6	bc	44	39	7	2	6	-	8	4	2	20	-	1
	Eskdalemuir	28.7	-2	WSW	5	c	42	37	8	2	3	-	7	5	3	15	-	1
	Point of Ayre	33.5	+6	W	7	b	41	41	8	1	-	-	2	2	-	18	-	0
13A	Tiree	27.8	+18	NW	4	c	43	36	8	5	7	-	8	4	8	10	-	1
13B	Benbecula	26.6	+18	WNW	4	clpr	40	38	8	8	7	-	7	3	4	18	25	1
	Stornoway	25.6	+16	NNW	3	cbc	38	35	8	8	3	8	5	4	2	10	15	1
14	Cape Wrath	30.7	-30	NE	5	ir	39	36	8	6	1	-	8	8	-	20	-	2
15	Dalwhinnie	32.0	+18	W	5	c	35	32	7	5	-	-	6	6	-	10	-	1
	Aberdeen	28.4	-18	W	6	c	42	32	6	8	-	-	6	2	6	10	25	1
	Rattray	27.0	-28	SW	4	cld	40	38	7	8	-	-	8	8	-	20	-	1
	Lossiemouth	30.0	+28	W	6	c	41	34	7	5	-	-	7	4	5	12	25	0
	Wick	26.3	-14	SE	2	ir	43	39	7	5	2	-	8	6	8	22	-	1
16	Hatston	28.2	-24	ENE	7	RR	40	40	6	-	2	-	8	7	8	8	15	1
	Lerwick	29.9	-30	ENE	7	ro	37	35	7	5	7	-	8	7	8	6	25	1
17	Blacksod Point †	29.9	-14	WSW	6	clpr	43	42	7	8	-	-	8	7	3	8	-	1
18	Malin Head †	29.4	+6	W'N	8	pro	47	40	8	6	-	-	7	4	3	25	-	1
	Aldergrove	33.6	+10	WSW	6	cbc/pr	44	40	7	3	-	-	5	5	-	15	-	1
	Cas Archdale	33.8	+6	SW	7	bc	45	38	8	3	6	2	4	2	3	15	-	1
19	Birr Castle †	28.6	-6	W	7	b	47	43	8	1	-	-	2	0	0	-	-	1
	Collinstown †	28.1	+2	SW'W	4	bc	46	39	8	6	-	-	4	4	-	45	-	1
20	Rineanna †	30.6	+4	SW	5	pro	49	47	8	6	2	-	5	5	-	25	-	1
	Valentia †	31.9	+8	SW'W	5	pro	50	43	8	3	6	-	5	5	-	22	-	1
	Roches Point †	33.1	-6	W'S	5	bc/pr	49	47	8	3	3	-	4	3	-	15	-	1

OBSERVATIONS during DAY (27th)

Diagram No.	Stations	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. mm. (38)
1	Kew	cmo	rociro	56	0.0	0.5
	Croydon	cro	cro	58	0.0	2
	S. Farnborough	cro	cdo	55	1.4	1
	Boscombe Down	cro	cro	54	0.0	3
	Calshot	cro	cro	54	0.0	2
	Tangmere	cro	cro	54	0.0	3
	Lympne	cro	cro	53	0.0	0.5
	Manston	cdo	cdo	55	0.0	0.3
2	Shoeburyness	c	cro	54	0.0	1
	Felixstowe	ccu	cmo	55	0.0	2
	Gorleston	opro	opro	56	0.0	1
	Mildenhall	cco	cro	56	0.0	1
	West Raynham	cdo	cro	54	0.0	3
	Waddington	cro	cro	53	0.0	7
3	Cranfield	cco	cco	54	0.0	1
	Honiley	cro	cro	54	0.0	1
4	Little Rissington	cco	cro	52	0.0	2
	Defford	cco	cco	57	0.0	1
5	Bristol	cdo	cdo	54	0.0	2
	Hartland Point	o	o	52	0.0	2
	Yeovilton					
	Portland Bill	o	o	54	*	5
	Exeter	cro	cdo	56	0.0	4
	Plymouth	cmo	cro	54	0.0	4
	St. Eval	cro	cmo	53	0.0	4
	Lizard	o	c	53	0.0	4
	Guernsey	r	cro	54	0.0	6
6	Scilly, St. Marys	cmo	cro	55	0.3	2
	Fairwood	cro	cdo	52	0.0	3
	Pembroke	cq	cq	56	0.0	2
	Aberporth	cro	cro	53	0.0	1
7	Holyhead (Valley)	cmo	cpo	51	0.0	0.1
	Hawarden	cmo	cbc	55	0.0	1
8	Manchester	cro	cpo	53	0.0	3
	Squires Gate	cro	cro	51	0.7	2
	Carlisle	cro	cro	51	*	1
9	Finningley	cro	cro	54	0.0	1
10	Spurn Head	o	cq	52	0.0	4
	Leeming	cmo	cro	53	0.3	2
	Tynemouth	o	cmo	52		0.5
	Acklington	cmc	cro	51	0.0	2
11	St. Abb's Head	o	cq	48	*	6
	Leuchars	o	cbo	45	0.5	3
	Bell Rock	o	pro	*	*	*
12	Renfrew	cro	pro	49	0.3	10
	Prestwick	cdo	ccp	51	*	9
	Wigtown	cdo	cpo	51	*	0.4
	Eskdalemuir	cco	cro	46	0.2	6
	Point of Ayre	roc	bcb	51	1.9	-
13A	Tiree	cro	cro	50	0.1	0.1
13B	Benbecula	o	cpo	42	*	4
	Stornoway	cro	cro	39	0.0	7
14	Cape Wrath	srs	cro	46	*	10
15	Dalwhinnie		cpo	39	0.0	7
	Aberdeen	cro	cpo	43	0.5	4
	Rattray	cmr	cdo	43	*	4
	Lossiemouth	cdo	cro	41	1.1	0.1
	Wick	cro	cro	43	0.0	9
16	Hatston	cpo	cro	41	0.0	17
	Lerwick	bcy	cro	39	0.0	6
17	Blacksod Point †	b	pr	51	0.0	2
18	Malin Head †	pr	pr	51	0.0	1
	Aldergrove	cro	cpo	49	1.0	2
	Cas Archdale	cro	cpo	49	2.1	3
19	Birr Castle †	r	b	52	1.0	0.4
	Collinstown †	pr	b	53	2.0	6
20	Rineanna †	pr	pro	52	2.5	1
	Valentia †	c	c	52	0.0	1
	Roches Point †	pr	pro	54	*	0.4

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

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

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL

Scale 1. : 5,000,000

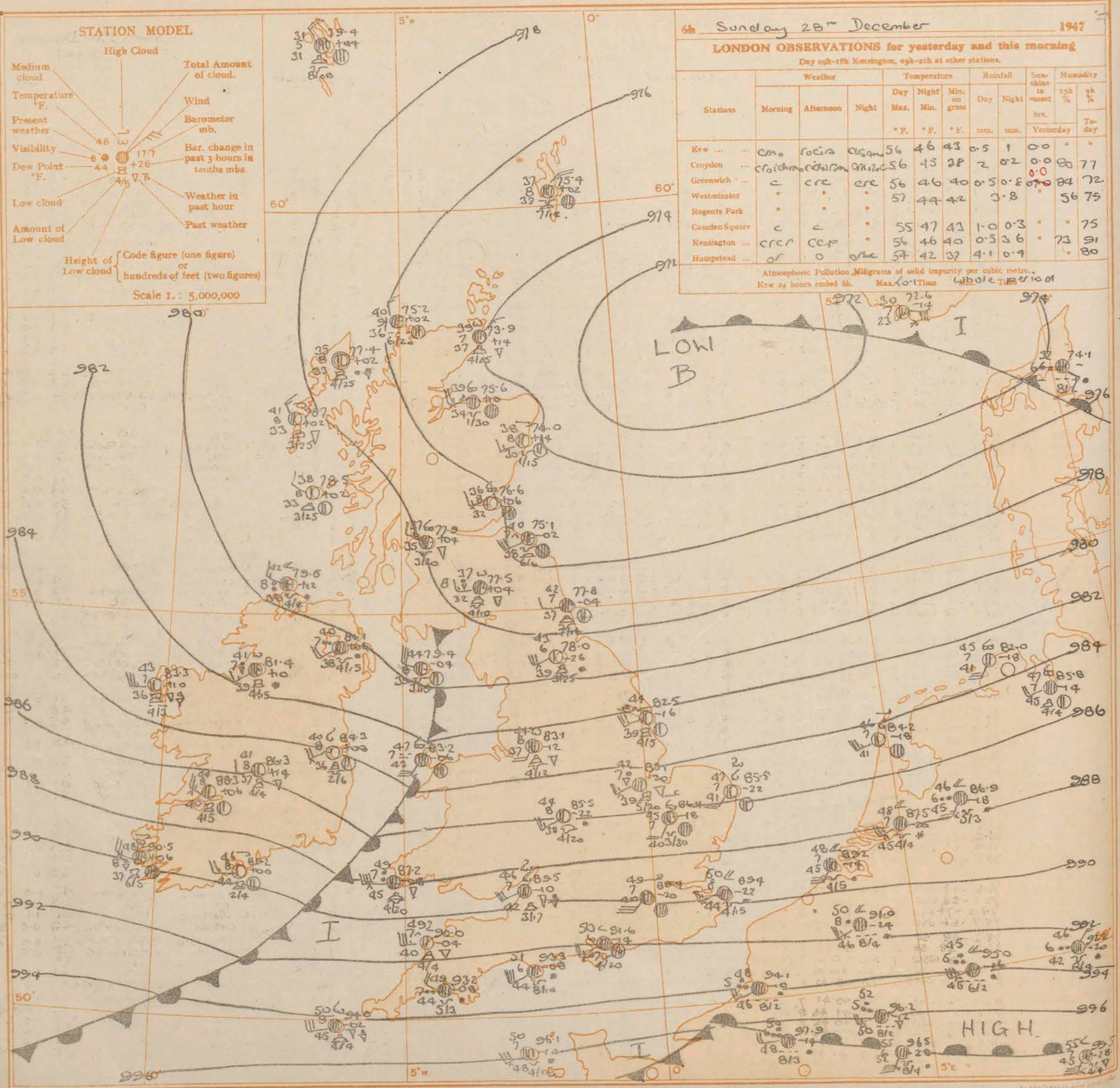
6h Sunday 28th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	21h %
				°F.	°F.	°F.	mm.	mm.	Yesterday		To-day
Kew ...	cmo	rocira	cirsan	56	46	43	0·5	1	0·0	*	*
Croydon ...	croidra	cidsra	cirsra	56	45	38	2	0·2	0·0	80	77
Greenwich ...	c	cre	cre	56	46	40	0·5	0·2	0·0	84	72
Westminster	*	*	*	57	44	42		3·8	*	56	75
Regents Park	*	*	*								
Camden Square	c	c	*	55	47	43	1·0	0·3	*	*	75
Kensington ...	crcr	ccp	*	56	46	40	0·5	3·6	*	73	91
Hampstead ...	or	o	orhc	54	42	37	4·1	0·4		*	80

Atmospheric Pollution. Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time Whole time 0·01



GENERAL INFERENCE

A depression in the Northern North Sea is moving away east-southeast. Around this depression a cold unstable air stream is penetrating to all districts of the British Isles. It will give cold showery conditions in the North with wintry showers over the high ground. In the South there will be colder conditions than of late and there will be scattered showers. A polar air depression near Iceland is expected to move southeastwards and will give a period of more continuous rain in Northern districts later tonight and tomorrow with sleet and snow over the high ground and a renewal of gales.

FURTHER OUTLOOK

Probably cold and showery: showers wintry over high ground and possibly over low ground in the North.

Chart of Weather in the Northern Hemisphere.

Morning of

Sunday 28th December

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- 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.

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

Sunday 28th December 1947 — No. 3144/7

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. Low. A. (15)	Height of Base Hundreds of feet. Low. B. (16)
1	Kew	16						50										
	Croydon	217	92·7	-20	SSW	6	c	50	43	7	5	2	–	8	6	8	21	–
	S. Farnborough	220	92·9	-12	SW·S	5	16	49	45	7	5	–	–	8	4	8	25	–
	Boscombe Down	417	94·1	-14	SSW	5	16	48	44	7	5	2	–	8	5	8	15	–
	Calshot	8	96·0	-16	WSW	4	c	50	47	7	5	–	–	8	8	8	10	25
	Langmere	53	95·3	-16	W	3	mo	49	48	6	5	1	–	8	4	8	6	18
	Hampne	341	94·8	-2	SW'S	5	c	47	46	7	5	–	–	7	7	–	15	–
	Manston	140	93·1	-10	SW'W	4	c	49	43	8	5	7	–	8	3	8	25	–
2	Shoeburyness	11																
	Felixstowe	19	90·9	-10	W'S	6	c	49	43	7	5	–	–	7	7	–	30	–
	Charleston	5	89·4	-2	WSW	4	c-bc	50	46	7	5	3	–	5	4	4	30	75
	Mildenhall	35	90·10	-16	SW	4	c	48	42	7	5	7	–	8	8	8	45	–
	West Raynham	250	88·6	-4	SW	5	b-bc	46	42	7	5	2	–	8	2	3	45	–
	Waddington	235	87·2	-6	SW'W	4	b	44	40	7	5	–	–	2	2	–	30	–
3	Cranfield	340	90·4	-12	SW'W	6	c'lr	47	43	7	5	7	7	7	2	5	12	–
	Honiley	427	93·1	-14	WSW	5	ir	45	44	7	6	2	–	8	5	8	15	15
4	Little Rissington	731	89·9	-24	WSW	5	66	46	44	7	5	–	–	8	7	8	8	25
	Defford	58	90·0	-16	WSW	4	bc	48	41	8	1	3	–	4	1	4	35	–
5	Bristol	209	92·4	-18	WSW	5	c'pr	49	43	8	2	7	7	8	3	3	10	15
	Hartland Point	299	91·8	-10	W	6	c	50	46	7	8	2	–	8	5	8	–	–
	Yeovilton	50																
	Portland Bill	32	97·2	-10	WSW	6	rr	51	47	7	5	–	–	8	8	–	10	–
	Exeter	100	94·7	-18	WSW	4	c	50	44	8	5	7	7	8	2	4	15	40
	Plymouth	86	96·0	-12	W	6	mo	51	49	6	5	–	–	8	3	8	8	15
	St. Eval	345	96·2	-16	WSW	6	c	50	46	7	5	7	–	8	4	8	12	25
	Lizard	240	96·3	-24	W	6	ir	51	49	7	5	–	–	8	8	–	10	–
	Guernsey	340	99·0	-22	WSW	5	r'o'r	51	51	6	5	–	–	8	5	8	5	8
	Scilly, St. Marys	163	95·8	-12	WSW	6	c'lr	51	49	8	5	–	–	8	8	–	–	–
6	Pairwood	268	95·6	-18	W	7	bc	49	45	7	2	3	–	4	4	4	15	–
	Pembroke	142	89·8	-18	W	8	c q	51	47	6	6	–	–	6	6	–	15	–
	Aberporth	425	90·3	-10	S W'W	5	c-bc	48	43	8	2	4	–	5	3	4	18	–
7	Holyhead (Valley)	32	85·5	-20	SW	6	b'ir	46	44	7	2	6	–	4	3	3	15	–
	Hawarden	25	86·9	-22	W	4	bc	49	40	8	3	6	–	4	4	2	18	–
8	Manchester	230	85·7	-18	SSW	5	bc	45	38	7	5	3	–	4	2	3	30	–
	Squires Gate	33	84·1	-18	SW	6	c'pr	46	43	7	5	7	–	6	3	6	20	–
	Carlisle	100	79·5	-14	W	5	ir	45	40	7	5	–	–	8	4	8	10	15
9	Finningley	28	85·3	-14	WSW	3	mo	45	39	6	4	–	–	1	1	–	25	–
10	Spurn Head	29	85·8	-8	WSW	35	b-bc	45	43	7	5	–	–	3	3	–	–	–
	Leeming	105	98·2	-12	WSW	4	c'lr	45	40	6	5	–	–	8	8	–	20	–
	Tynemouth	108	82·4 79·6	-2	W	5	bcq	46	36	7	8	–	–	4	4	–	16	–
	Acklington	138	77·8	+2	W	6	b-bc	44	36	8	5	–	–	3	3	–	40	–
11	St. Abb's Head	280	76·7	+10	SW	7	bcq	41	37	7	7	–	–	4	4	–	35	–
	Leuchars	31	76·7	+38	W	4	b-bc	37	32	7	7	–	–	3	3	–	–	–
	Bell Rock	—	75·0	+20	W	6	b-bc	41	35	8	–	4	5	3	0	–	–	–
12	Renfrew	35	78·2	+4	W	1	c-bc	41	38	8	5	–	–	8	5	–	30	–
	Prestwick	30	78·6	-10	W	4	p'o	43	41	7	9	–	–	8	4	8	17	25
	Wigtown	19	80·8	-12	W	4	p'o	42	39	6	2	2	–	8	4	8	15	–
	Eskdalemuir	794																
	Point of Ayre	30	81·1	-20	W	6	p'o	45	44	8	8	–	–	7	4	7	18	–
13A	Tiree	44	78·3	+6	–	0	c'lr	39	35	8	3	6	–	7	4	4	15	–
	Benbecula	27	78·6	+6	NW	1	c	39	36	8	2	–	7	8	5	8	21	–
13B	Stornoway	12	77·2	+2	WNW	2	bc	36	34	8	8	–	1	4	4	3	20	–
	Cape Wrath	367	74·7	+4	NNW	3	c	40	32	9	7	–	–	7	7	–	20	–
15	Dalwhinnie	1176																
	Aberdeen	79						40										
	Rattray	46	68·9	+24	W	7	c	40	36	7	8	–	–	7	7	–	25	–
	Lossiemouth	21	74·5	+20	W	6	c-bc	40	36	7	5	–	1	5	3	4	18	25
	Wick	114	70·5	+23 8	WNW	5	ir	40	38	7	5	–	–	8	8	–	28	–
16	Hatston	45	71·8	+26	ENE	5	r'o'r	41	40	7	5	1	–	8	3	5	15	25
	Lerwick	209	74·9	+10	E	6	ir	37	34	7	6	2	–	8	4	8	7	–
17	Blacksod Point †	18	82·6	+2	W	6	c-bc'pr	46	38	7	9	–	–	5	5	–	8	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	81·4	-20	SW	4	c	40	38	8	5	–	–	8	5	8	20	25
	Cas. Archdale	225	81·1	-14	WSW	3	ir	42	39	8	5	2	–	5	4	4	20	40
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	85·2	-20	SW'W	5	c-bc'pr	44	36	8	8	6	–	6	5	–	20	–
20	Rineanna †	23	87·9	-6	SW'W	5	p'o	46	42	8	9	–	–	5	5	–	25	–
	Valentia †	30	89·7	-10	W'S	6	b-bc'hr	46	42	8	8	6	–	3	2	–	25	–
	Roches Point †	22	90·3	-10	W'S	5	b-bc	48	46	8	3	–	3	3	2	–	15	–

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. Low. A. (31)	Height of Base Hundreds of feet. Low. B. (32)	State of Ground. ++ 0–9 (33)
1	Kew	88·8	-20	W'S	4	cr	49	42	6	5	2	–	8	4	–	18	–	1
	Croydon	89·4	-20	SW	6	c-bc	49	40	7	5	–	–	8	5	–	18	–	1
	S. Farnborough	89·6	-6	SW	6	cr	48	44	6	5	–	–	8	5	–	28	–	0
	Boscombe Down	91·0	-12	WSW	4	c'pr	43	42	7	5	2	–	8	4	8	25	–	1
	Calshot	92·6	-16	WSW	6	c	50	44	7	5	2	–	8	5	8	15	–	1
	Langmere	91·6	-14	WSW	5	mo	50	47	6	5	1	–	8	4	8	20	–	1
	Hampne	90·4	-20	SW	6	c	49	45	7	5	–	–	7	7	–	20	–	1
	Manston	89·4	-22	WSW	5	c	50	44	8	5	2	–	8	4	8	15	–	1
2	Shoeburyness	88·5	-10	WSW	4	c	50	42	7	5	2	–	8	5	8	13	–	1
	Felixstowe	87·4	-16	W	5	c-bc	48	43	7	5	8	–	5	5	4	30	–	1
	Charleston	85·5	-22	SW	5	bc	47	41	7	–	4	9	4	3	3	70	–	1
	Mildenhall	86·4	-18	SW'S	4	c	45	40	7	5	7	8	7	4	5	30	–	1
	West Raynham	84·9	-18	SW	5	b	43	37	7	5	4	–	2	2	2	–	–	1
	Waddington	83·1	-20	SW	5	p'o	42	39	7	3	–	–	5	5	–	20	–	1
3	Cranfield	87·2	-18	SW'W	4	c-bc	44	40	7	–	5	–	5	4	–	–	–	1
	Honiley	85·5	-22	SW	5	bc	44	38	8	4	–	–	4	4	3	20	15	1
4	Little Rissington	87·3	-12	W'N	6	r'o	43	39	7	5	–	–	7	4	6	10	25	1
	Defford	86·9	-22	SW	4	b-bc	45	37	8	5	–	–	8	3	–	30	–	1
5	Bristol	89·5	-10	WSW	6	c'pr	46	42	7	2	5	–	6	3	4	17	–	1
	Hartland Point	90·1	-4	W	7	q	49	40	7	2	–	6	4	4	3	–	–	1
	Yeovilton																	
	Portland Bill	93·3	-8	W'S	8	0	51	44	7	5	–	–	8	8	–	10	–	1
	Exeter	91·7	-10	W'S	5	c	48	39	7	5	7	–	8	2	–	15	57	1
	Plymouth	93·2	-8	WNW	4	r'o'r	49	44	7	5	–	–	8	5	1	8	15	1
	St. Eval	94·1	-2	SW	5	c'lr	48	44	7	5	–	–	8	5	–	8	–	1
	Lizard	93·6	-18	WNW	7	c	50	43	7	5	–	–	8	4	–	10	–	1
	Guernsey	96·1	-14	WSW	6	c	50	48	7	5	–	–	8	4	8	8	15	–
	Scilly, St. Marys	94·0	-2	W	6	c'pr	50	45	8	2	5	–	8	4	4	–	–	1
6	Pairwood	88·9	-8	W'N	7	c-bc	46	39	7	2	–	6	5	4	–	20	–	1
	Pembroke	87·2	-8	W	8	cr	49	45	7	8	–	–	8	5	–	20	–	1
	Aberporth	87·7	-10	W	6	b-bc	45	37	8	2	–	–	3	3	–	20	–	1
7	Holyhead (Valley)	83·2	-6	SW	6	c	47	43	7	–	7	–	8	8	–	–	–	0
	Hawarden	84·0	-14	WSW	5	c-bc'pr	44	38	8	–	8	–	5	4	4	22	40	–
8	Manchester	83·1	-12	SW	4	c-bc'pr	44	37	8	–	8	–	5	4	4	12	25	–
	Squires Gate	81·4	-10	WSW	6	PRc	45	41	7	–	6	–	5	5	2	20	–	1
	Carlisle	77·9	-6	W	5	c	42	40	7	8	–	–	8	7	8	10	40	1
9	Finningley	81·8	-16	SW	4	c-bc	44	38	7	5	–	–	5	4	–	25	–	1
10	Spurn Head	82·5	-16	WSW	6	q	44	39	8	6	–	–	4	3	–	25	–	1
	Leeming	78·4	-26	WSW	6	mo	43	39	7	6	–	–	3	3	–	25	–	1
	Tynemouth	77·8	-4	W	2	c	42	37	7	8	–	–	3	3	–	16	–	1
	Acklington	76·8	-6	W	3	c	41	37	7	5	–	–	7	7	–	30	–	1
11	St. Abb's Head	75·1	-2	SW	6	q	40	38	7	7	–	–	6	6	–	35	–	0
	Leuchars	76·6	+6	W	6	b-bc	36	32	7	7	–	–	5	5	–	–	–	1
	Bell Rock	78·3	+2	W'N	6	b-bc	41	33	8	–	–	–	3	3	–	–	–	*
12	Renfrew	77·9	+4	WNW	1	c	37	35	8	5	–	7	6	3	5	20	–	1
	Prestwick	78·2	+6	WNW	3	c	42	40	7	5	–	–	7	4	5	25	40	1
	Wigtown	79·7	+2	W	4	r'o'r	41	38	7	5	–	3	7	4	4	10	25	1
	Eskdalemuir	77·5	+4	W	3	p'o	37	32	7	8	5	3	–	–	–	–	–	1
	Point of Ayre	79·4	-4	W'N	6	c	44	38	8	5	–	–	6	3	4	15	25	1
13A	Tiree	78·5	+2	WNW	2	b-bc	38	33	8	2	–	–	3	3	–	25	–	1
	Benbecula	78·7	+2	NNW	3	bc	41	32	8	2	–	–	4	4	–	25	–	1
13B	Stornoway	77·4	+2	–	0	bc'pr	35	33	8	3	–	–	4	3	–	25	–	1
	Cape Wrath	75·2	+2	NNW	2	c	40	36	9	3	–	–	6	6	–	20	–	1
15	Dalwhinnie																	
	Aberdeen	74·0	+14	W'S	3	bc	38	30	8	5	–	–	3	4	1	4	16	40
	Rattray	70·3	+0	WNW	5	RR	39	36	7	8	5	–	7	4	8	–	20	–
	Lossiemouth	75·6	+10	W	5	c-bc	39	34	7	8	5	–	8	1	4	5	30	–
	Wick	73·0	+14	NE	3	c	39	37	7	3	–	–	7	4	4	25	–	–
16	Hatston	74·7	+12	E	3	c-bc	39	39	8	8	8	–	8	3	–	12	25	1
	Lerwick	75·4	+2	NE	4	bc'pr	37	33	7	8	–	–	8	4	–	12	–	1
17	Blacksod Point †	83·3	+10	W	4	bc'pr	43	35	7	7	–	–	4	4	–	8	–	1
18	Malin Head †	79·5	+12	WNW	4	cr	43	34	7	7	–	–	4	4	–	15	–	1
	Aldergrove	81·1	+6	WSW	4	r'o'r	40	38	7	5	–	–	8	4	8	15	40	1
	Cas. Archdale	81·4	+10	SW	3	p'o	41	39	7	8	8	–	5	4	2	15	–	1
19	Birr Castle †	86·3	+14	W	2	bc	41	37	8	8	8	–	4	4	–	15	–	1
	Collinstown †	84·3	+4	W'SW	4	b	40	36	8	8	8	–	4	2	–	14	0	1
20	Rineanna †	88·3	+6	W'N	5	bc	44	40	8	8	8	–	4	4	–	26	–	1
	Valentia †	90·5	+6	WNW	5	p'o	48	37	8	8	8	–	3	2	–	25	–	1
	Roches Point †	89·2	0	W	5	b-bc	46	44	8	3	3	–	3	2	–	15	–	1

OBSERVATIONS Saturday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 18h.–06h. Min. °F. (41)	Temperature 18h.–06h. Min. on Grass °F. (42)	Rain mm. (43)
1	Kew	cr'o'r'o'c	c'r'o'c'm'o	46	43	*
	Croydon	c'm'o'z'o'c	c'r'o'l'c	44	38	0·2
	S. Farnborough	c'l'o'c	cc'r'o'm'o	44	41	
	Boscombe Down	c'o'l'o'c'r'o	c'l'o'p'r'o	40	37	2
	Calshot	c'l'o'm'o'c	c'l'r'o'c	48		2
	Langmere	c'm'o.c'l'o'c'r'm.	c'l'o'r'o'w'o'c'm'o	48	44	3
	Hampne	c'm'o'r'o'c	c'c'l'o'c	46	41	0·6
	Manston	c'l'r'o'c	c'l'r'o	46	42	1
2	Shoeburyness	c	c	46	41	1
	Felixstowe	c'm'o'c	c'c'l'o'm'o'c	45	42	1
	Charleston	c	b'c	46		–
	Mildenhall	c'b'c'm'o'c	c'b'c'c	43	41	Tr
	West Raynham	b'c	b'c'c'b	43	38	Tr
	Waddington	b'c	b'c'b'c'p'r'o	39	36	2
3	Cranfield	c'b'c'c'r'r'o	c'r'o'w'o'c	41	1	
	Honiley	c'l'r'ir	c'l'r'b'c	42	39	0·3
4	Little Rissington	c'c'r'o'b	c'r'o'b'c	41	39	2
	Defford	c'o'b'c	b'r'c'l'o'b	43	39	5
5	Bristol	c'l'o'c'p'r	c'c'p'r'c'p'r	44	40	3
	Hartland Point	i'r'c	c'l'p'r'b'c'q	47	46	0·2
	Yeovilton					
	Portland Bill	r'r	o'v'o'r	49	*	1
	Exeter	c'd'o'd'o'c	c'c'l'o'r'o'c	47	41	4
	Plymouth	c'm'o'i'r'o'l'd'm'o'c'm'o'b'c'i'r'o		48	44	1
	St. Eval	c'c'r'o'm'o'c'i'd'o	c'l'r'o'c	46	39	1
	Lizard	c'l'r	c'q'l	49	*	0·2
	Guernsey	r'o'r'o	r'	48	47	10
	Scilly, St. Marys	c'i'r'o	c'p'r	49	*	0·4
6	Pairwood	c'm'o'i'r'o'm'o'b'c	b'c'c'p'r'o'c	45	41	0·3
	Pembroke	c'q'i'r'c'q'i'r	c'q'r'r'b'c'q'i'r	47	*	2
	Aberporth	c'p'r'c'p'l'o'c'b'c	b'c'c'p'r'b'c	46	40	2
7	Holyhead (Valley)	b'c'b'i'r'o	b'c'b'l'r'o'q	44	41	0·1
	Hawarden	b'c.b'i'b'c	b'c'c'p'r	42	25	0·5
8	Manchester	b'c'b'b'c	b'c'c'p'r'c	41	38	0·6
	Squires Gate	b'b'c'c'P'R'b'c	b'c'b'c'c'p'r'l'p	44	40	1
	Carlisle	b'c'b'c'c'i'r'o	c'c'r'o'c'p'r	40	37	3
9	Finningley	b'c'z'r'o'b'm'o	b'w'l'o'p'r'o'c	40	37	3
10	Spurn Head	b'c.	b'c'q	41	*	1
	Leeming	b'c'i'r'o	b'c'r'o	42	36	0·6
	Tynemouth	b'c'q.	r'o'c	41	37	
	Acklington	b'c'b'b'c	c'r'o'r'o'c	37	33	0·5
11	St. Abb's Head	c'q	c'c'q	37	*	–
	Leuchars	b'c	c'	33	26	
	Bell Rock	b'c	b'c	*	*	*
12	Renfrew	c'p'r'b'c	c'p'r'o'c	35	31	0·3
	Prestwick	c'p'r	c'p'r'r'o'r'o'c	40	36	6
	Wigtown	b'c'c'p'r	b'c'p'r'o'c'p'r'o	36	33	3·5
	Eskdalemuir	c'p'r'c.	c'p'r'p'r'o	35	32	1
	Point of Ayre	c'p'r'o	c	43		
13A	Tiree	c'c'i'r'o'c	c'c'r'o'b'c	35	31	2
	Benbecula	c'p'r'o'c	c'p'r'o'b'c	39	35	1·5
13B	Stornoway	c'b'c'p'r'b'c	b'c'c'r'r'b'c	32	20	1
	Cape Wrath	i'r'c	b'c	34	30	–
15	Dalwhinnie			30	24	
	Aberdeen	c'q'l'w'o'c	c'b'c	38	34	0·8
	Rattray	c'c	c'w'r'r	37	*	1·7
	Lossiemouth	c.	c'b'c	39	38	
	Wick	c'i'r	c'u'r'p'r'c	36	35	
16	Hatston	c'r'r'm'o	c'r'o'r'o	38	35	7
	Lerwick	c'r'o'i'r'o'i'r'o	c'r'o'c	35	33	2·9
17	Blacksod Point †	c'b'e'p'r	p'r	41	*	1·8
18	Malin Head †		r'	39	*	3
	Aldergrove	c'p'l'o'c	c'c'u'r'o'c	38	34	
	Cas. Archdale	c'c'i'r'o'l'o'l'o'm'o	c'u'r'o'w'o'c	39	37	7·4
19	Birr Castle †	*	p'r	40	38	
	Collinstown †	c'b'c'p'r	b	39	37	5·4
20	Rineanna †	p'r'o	b	41	40	2·3
	Valentia †	b'b'c'l'r	c	45	42	
	Roches Point †	b'b'e	b	46	*	

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

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

Monday 29th December 1947 — No. 31448

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

Dist.	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Form. Med. (10)	Form. High. (11)	Amount. Total. 0–9 (12a)	Amount. Low. A. 0–9 (13)	Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	91.1	+6	WSW	4	cbc	47	39	7	5	-	8	5	2	5	18	-
	Croydon	91.9	+6	SW	6	C	47	37	7	5	-	8	6	2	6	20	-
	S. Farnborough	91.7	+10	SW'ly	5	C	47	40	7	-	-	7	8	2	6	30	-
	Boscombe Down	92.7	+8	SW'ly	4	C	46	41	7	5	-	7	8	1	6	25	-
	Calshot	93.6	+4	WSW	6	C	49	40	7	-	-	7	8	8	-	-	-
	Tangmere	92.8	+2	W	5	C	49	45	7	-	2	-	8	8	-	-	-
	Lympne	92.1	+12	WSW	4	C	48	40	8	1	7	7	7	2	5	15	-
	Manston	91.1	+10	W'ly	4	C	47	38	8	-	7	7	7	2	5	15	-
2	Shoeburyness	90.5	+14	W'ly	4	bc	48	39	6	-	-	8	4	4	-	-	-
	Felixstowe	89.4	+16	W	6	cbc	48	41	8	-	-	-	5	2	3	20	72
	Gorleston	87.2	+14	W	5	bbc	47	36	7	5	4	-	3	2	3	20	72
	Mildenhall	88.9	+10	SW	4	bbc	47	38	8	-	-	9	3	3	-	-	-
	West Raynham	86.7	+10	WSW	5	bc	46	36	7	-	-	2	4	3	1	35	-
	Waddington	85.9	+10	W'ly	4	bc	45	38	7	5	-	-	4	4	-	25	-
3	Cranfield	89.1	+6	WSW	5	C	46	36	8	5	-	7	6	1	6	30	-
	Honiley	88.7	+10	SW'ly	5	cbc	45	38	7	7	-	6	5	1	3	20	25
4	Little Rissington	89.5	+2	W	5	bc	45	36	8	5	-	8	4	3	3	20	-
	Defford	89.2	+6	WSW	4	bc	48	38	8	5	-	2	4	2	4	20	-
5	Bristol	91.4	-2	WSW	5	cbc/p	45	42	8	5	-	7	5	4	1	15	-
	Hartland Point	91.1	-2	WNW	4	C	49	41	7	6	7	-	6	4	2	15	-
	Yeovilton																
	Portland Bill	93.7	-4	W'ly	6	mo	50	43	6	5	-	-	8	8	-	10	-
	Exeter	93.2	-2	WSW	4	C	49	40	8	7	-	7	8	2	3	15	20
	Plymouth	94.2	-2	W	3	20	49	42	6	4	-	7	8	8	-	10	-
	St. Eval	94.5	0	WSW	5	C	49	41	7	5	-	7	8	8	-	10	-
	Lizard	94.5	-2	W'ly	5	C	50	41	7	5	-	-	8	6	1	15	-
	Guernsey	96.2	-6	SW'ly	6	mo	50	46	5	6	2	-	8	1	5	6	25
	Scilly, St. Marys	94.8	+2	W	5	C	50	42	8	8	2	-	8	5	3	12	57
6	Fairwood	90.7	+2	W	4	qpr	47	43	7	8	2	-	8	4	4	18	25
	Pembroke	90.7	+6	NW	6	C4	48	44	7	8	2	-	7	4	4	25	-
	Aberporth	89.7	+4	W'ly	4	C	45	38	8	5	7	-	8	4	8	15	-
7	Holyhead (Valley)	86.8	+6	W	4	cbc	45	39	8	3	-	3	5	4	2	20	-
	Hawarden	87.2	+10	WNW	6	pro	46	38	8	2	-	6	4	4	2	12	-
8	Manchester	86.3	+14	WSW	5	pro	45	39	6	2	-	-	5	4	1	10	15
	Squires Gate	85.1	+12	W	5	bc	46	39	8	2	4	-	4	4	-	20	-
	Carlisle	81.9	+14	SW	3	bc	40	36	8	8	3	-	4	4	3	9	25
9	Finningley	84.6	+16	WSW	5	20	46	37	6	2	-	5	3	2	2	25	-
10	Spurn Head	84.4	+16	WSW	5	cbc	44	42	7	3	-	-	5	5	-	15	-
	Leeming	82.5	+10	W	3	bc	45	37	8	8	-	-	4	4	-	25	-
	Tynemouth	80.9	+16	W	3	bc	43	36	7	8	-	-	4	4	-	18	-
	Acklington	80.5	+16	W	5	bbc	42	34	8	2	-	-	3	2	-	25	-
11	St. Abb's Head	78.6	+16	W	6	bbc	39	36	8	2	2	-	3	3	2	35	-
	Leuchars	78.4	+12	NW	1	bbc	40	36	8	2	2	-	4	1	3	30	-
	Bell Rock	77.7	+14	W'ly	6	bc	44	37	8	2	4	-	4	2	-	25	-
12	Renfrew	80.9	+6	-	0	bc	39	38	8	2	3	-	4	3	2	30	-
	Prestwick	80.9	+2	W	3	C	41	38	7	8	1	2	6	3	4	20	40
	Wigtown	82.4	0	W	3	bbc/p	42	38	8	8	6	-	2	2	2	18	40
	Eskdalemuir	80.9	+8	W'ly	2	cbc	40	35	8	8	6	-	5	3	4	15	25
	Point of Ayre	82.8	+6	W	6	bc	45	39	8	5	-	-	4	4	-	25	-
13A	Tiree	80.3	+2	E	1	cbc	41	37	9	3	6	6	5	4	1	20	-
13B	Benbecula	80.8	+14	NNW	3	c/pr	38	36	8	3	6	6	6	4	3	21	-
	Stornoway	80.2	+8	N	2	cbc	40	37	7	3	-	8	5	4	2	15	-
14	Cape Wrath	77.8	+14	NW	4	pro	39	34	8	7	-	-	5	5	-	25	-
15	Dalwhinnie																
	Aberdeen	77.9	+10	NW'ly	3	ir6	39	32	8	5	7	-	7	1	5	15	40
	Rattray	76.3	+18	NNW	3	c/pr	41	36	7	8	-	-	8	8	-	20	-
	Lossiemouth	77.0	+16	W	5	C	40	35	8	8	-	-	5	4	5	25	40
	Wick	77.6	+14	W	2	c/pr	35	34	8	2	7	-	5	4	2	20	-
16	Hatston	78.1	+14	E	3	bc	39	34	8	2	3	-	4	4	3	20	-
	Lerwick	78.3	+12	-	0	cbc	37	32	7	8	-	6	5	3	4	18	25
17	Blacksod Point †	83.9	+2	WNW	7	c/pr	42	35	7	8	-	-	7	7	-	8	-
18	Malin Head *	80.5	-6	SW	3	ir6	39	37	8	5	2	-	5	4	-	15	-
	Aldergrove	83.1	-2	SW'ly	4	bc/p	40	37	8	2	3	-	4	4	4	20	-
	Cas Archdale	82.0	-8	SSW	5	ch/p	42	33	8	3	6	3	5	3	4	25	-
19	Birr Castle †	87.1	-2	W	2	bbc	44	33	8	2	-	-	3	2	-	25	-
	Collinstown †	86.7	+2	W'ly	5	bbc	43	32	8	2	6	-	3	1	-	20	-
20	Rineanna †	80.8	+10	W'ly	5	bbc	44	37	8	2	6	-	2	2	-	22	-
	Valentia †	83.9	+18	W'ly	6	ps0	43	36	8	2	2	-	2	2	-	25	-
	Roches Point †	82.4	+10	W'ly	4	bc	44	40	8	3	-	5	4	2	-	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

OBSERVATIONS at 18h. G.M.T. 28th December

Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Form. Med. (26)	Form. High. (27)	Amount. Total. 0–9 (28)	Amount. Low. A. 0–9 (29)	Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)
90.3	-4	WSW	3	mo	45	40	6	5	-	6	5	4	3	21	-
90.4	-4	SW	5	c-bc/r	45	37	6	-	-	-	5	5	-	-	-
91.0	+2	WSW	4	bc/r	43	41	7	5	-	3	4	3	3	50	-
92.0	+4	WSW	4	ir	43	41	7	5	-	-	5	5	-	32	-
23.6	-4	W	4	c-bc	45	42	7	5	-	-	5	4	4	25	-
91.6	-10	W	3	C	47	45	7	5	2	-	8	4	8	25	-
91.0	-8	SW	4	mo	45	40	6	5	-	-	8	8	-	50	-
90.9	-6	SW	3	C	45	39	7	-	7	8	8	5	3	-	-
90.0	-4	WSW	4	c/pr	47	41	7	5	7	-	6	6	-	15	-
89.2	+4	W	5	c/pr	45	42	7	5	7	-	8	5	3	50	-
87.7	-2	W	4	C	45	40	7	-	-	-	7	7	-	50	-
88.3	-2	SW'S	3	bc	43	39	7	2	-	4	4	3	2	25	-
87.4	-2	SW	4	b-bc	41	35	7	-	-	2	3	3	-	-	-
85.9	0	SW	2	Q	39	35	6	-	-	-	0	0	-	-	-
98.1	-2	SW'ly	4	bc	41	38	7	-	-	7	4	4	-	-	-
88.7	+2	WSW	4	b-bc	40	33	8	5	7	8	3	1	3	30	-
89.5	+2	WNW	4	b-bc	40	32	7	5	-	1	3	2	2	30	-
89.5	+2	SW	4	b	43	31	8	5	-	-	3	1	-	40	-
91.3	+8	W	4	b-bc	41	36	7	2	-	-	3	3	-	15	-
92.8	+18	WNW	4	b-bc	45	32	8	2	-	-	3	3	-	-	-
93.2	0	WNW	4	C	48	39	7	5	-	-	6	6	-	10	-
93.2	+10	W'N	5	bc	43	36	8	5	7	8	6	3	3	20	-
94.2	+10	WNW	3	mo	45	39	6	5	4	-	4	3	3	35	-
95.5	+18	NW	5	bc	45	34	8	2	-	-	4	4	-	12	-
95.0	+12	NW	5	bc	40	39	7	8	-	-	4	4	-	20	-
95.0	-2	W	4	C	46	42	7	5	7	-	8	3	4	16	25
96.2	+22	NNW	6	bc/pr	46	39	8	3	-	-	4	4	-	-	-
91.8	+12	W'N	7	bc	42	34	8	5	-	-	4	4	-	18	-
92.2	+18	NW	8	c-bc/p	44	42	7	2	-	-	5	5	-	20	-
90.7	+10	WNW	6	C	42	35	8	2	-	-	7	7	-	18	-
86.2	+6	WNW	7	c/pr	42	39	7	3	-	-	8	8	-	20	-
85.9	-10	WSW	6	pr0	42	34	8	2	-	-	6	6	-	18	-
84.8	-14	S'E	4	b	37	32	7	4	-	-	1	1	-	20	-
83.1	-18	SW	8	pr0	40	38	6	8	-	-	8	4	8	18	25
80.6	-10	SW	2	c-bc/ph(r)	41	38	7	3	-	-	5	5	-	10	-
85.1	+2	SSW	4	mo	39	34	6	-	-	-	0	0	0	-	-
85.2	0	WSW	4	b	41	39	7	-	-	-	0	0	-	-	-
83.2	0	SW	5	ir6	40	33	7	8	-	-	6	6	-	20	-
81.0	-6	W	2	mo	39	34	6	2	-	-	4	4	-	18	-
80.6	-2	WSW	2	bc	38	32	8	5	-	-	4	4	-	25	-
79.8	+2	W	4	mo	41	36	8	2	-	-	3	3	-	30	-
79.9	+2	W	2	b	31	29	8	-	4	2	1	1	-	-	-
79.1	+8	S'E	2	b	40	32	8	2	-	4	2	1	-	25	-
80.4	+2	-	0	c/d	37	36	5	5	7	-	6	4	5	25	-
80.3	-2	W	2	c/r	39	37	7	5	7	2	8	3	6	12	15
81.7	-4	W	3	b-bc/pr	35	34	7	2	6	1	3	2	3	10	15
80.4	-6	WSW	2	b	35	31	8	2	6	1	5	4	3	10	25
80.8	-20	NW'ly	6	bc/ph(r)	41	39	8	3	-	-	4	4	-	18	-
80.6	+6	-	0	c/r	36	34	8	8	-	-	7	4	7	10	25
81.6	+4	NNE	3	r0	37	36	8	8	-	-	7	4	7	18	25
81.3	+8	N	4	pr0	37	34	7	3	-	-	5	5	-	10	-
78.9	+6	N	3	pr0	38	35	9	8	-	-	6	6	-	20	-
37.9	+2	N	1	bc	27	24	7	5	-	-	4	4	-	12	-
79.5	+10	NW	2	C	37	32	8	5	8	-	7	1	7	20	40
78.3	+4	WNW	2	c-bc	35	34	7	8	8	-	5	1	-	25	-
79.9	+4	SW	4	C	37	34	8	8	8	-	6	5	-	20	-
79.2	+10	E	3	o	39	34	8	8	8	-	8	5	8	18	-
79.6	+10	ESE	3	bc	37	34	8	2	-	2	4	3	3	25	-
80.7	+16	E	2	C	37	34	8	8	7	-	7	3	4	22	-
94.3	+34	NW'ly	7	c/ph(r)	35	27	7	-	-	-	7	7	-	08	-
83.3	+36	NW'N	7	phr	40	32	7	-	-	-	5	5	-	15	-
85.0	+34	WNW	6	pr0	37	34	7	8	7	-	7	4	7	08	40
87.9	+30	NW	7	pr0	36	33	6	3	-	-	8	8	-	20	-
92.9	+36	WNW	2	bc	35	27	8	5	-	-	4	4	-	25	-
89.2	+46	NW'ly	6	c-bc/ph(r)	36	32	8	8	6	3	4	4	-	15	-
95.9	+30	NW	5	bc	39	28	8	8	8	-	5	4	-	23	-
97.6	+22	NNW	4	c-bc/ph(r)	41	32	8	8	8	-	5	4	-	24	-
95.9	+26	NW'ly	4	bc	38	36	8	8	8	-	3	3	-	15	-

OBSERVATIONS during DAY (28th.)

State of Ground. ++ 0–9 (33)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 06h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 06h.–21h. mm. (38)
1	crR cbc	cpr cbcmo	49	0.2	0.6
0	bcir0z0c	cir0cz0	51	0.0	0.4
1	cr0r0c	ccr0r0c	48	0.0	1
1	cbcc	ccir0	47	0.0	1
1	c	oir0c	49	0.0	TR
1	cmoc	c	50	0	-
1	cbcpr0c	coc mo	49	[illegible]	-
1	cir0c	c	50	0.0	TR
1	cbcc20	cpr0c0c	48	0.2	TR
1	cirbcc	cpr0mo	48	[illegible]	TR
0	bc	c	48	[illegible]	-
1	cbbc	bccbc	47	3.1	-
1	bbcbcpr0bc	bccbc	46	4.5	-
1	bcpr0bc	bccb	47	5.0	-
1	cbc	c	46	2.0	-
1	bcir0c	cbc	45	2.4	-
1	cir0bc	cbc	45	1.7	-
1	bbc	bc	49	2.0	-
1	⊕pr cpr	cpr0cm0b	47	0.0	4
1	c	ir0c	49	0.0	TR
•				•	
1	09	oc	51	•	0.3
1	cir0c	ccirpr0bc	49	0.0	0.4
1	cir0cz0mo	cm0bcm0	50	0.0	-
1	cbcc	cpr0bc	49	0.0	0.3
0	coq	oircbc	50	0.0	1
1	d	cir0c	52	0.0	7
1	c	cbcpbc	50	0.0	2
1	ccpr0c	cbc	48	0.0	TR
1	cpr0q	pcq	49	0.0	-
1	bcc	cbcc	46	0.0	0.1
1	cbcpr0	bcc20b20	46	4.1	0.1
0	bc	b	44	3.1	-
1	bcm0cbc	bcpr0cir	45		1
1	crrbc	bcm0	43		0.1
1	cbc	bccbc	42	0.0	-
•	cqb	b	44	•	-
•	cbc	bcb	42	5.7	-
•	bc	bc	•	•	•
1	cbc	ir0cm0	41	2.9	0.3
1	bcc	cr0r0pr0m0c	43	•	5
1	r0cpr0b	cpr bc	43	•	3
1	cpr0bc	cprsbc	40	1.7	18
0	cbc	cphrc	46	3.6	3
•				•	
1	bcpr c	ccrrc	41	1.3	4
•	cprbc	ccr0r0	39	•	6
1	cprc	cpr0cpr	40	2.5	2
1	cpr0	pr0pr	41	•	2
4		b	37	3.7	-
1	bcccir0	cbcc	40	1.3	TR
1	cprcpr	cc	41	•	2
1	c	c	40	0.3	-
1	cprbc	bccfgo	40	0.2	0.3
1	cprobc	bc	41	3.4	0.3
1	c	c	38	0.2	TR
1	pr0	pr	40	•	4
1	r	pr	42	0.1	12
1	cr0r0bccpr0c	bcph0pr0s0	42	1.9	2
1	cpr0h0jp	cprph pr0	42	2.6	3
1	pr	bc	44	3.7	0.4
1	b	pr	43	5.6	0.3
1	b	pr	45	2.9	1
1	pr0	pr	45	2.7	1
1	bc	s	47	•	1

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

Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.
‡ See footnote p. 4.

* Information not usually received.

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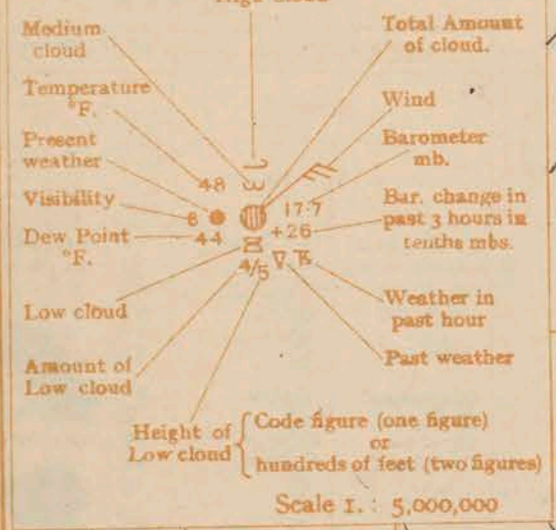
STATION MODEL



Scale 1. : 5,000,000

6h Monday 29th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset hrs.	Humidity	
	Morning	Afternoon	Night	Day Max. °F.	Night Min. °F.	Min. on grass °F.	Day mm.	Night mm.	Yesterday	15h %	21h % To-day
Kew ...	crRcbc	cprcbcm.	ccmobc	49	34	29	0·6	TR	0·2	*	*
Croydon ...	bcir.z.c	cir.cz.	cz.bz.	51	32	28	0·4	–	0·0	65	65
Greenwich ...	cbc	bccrc	bxm	48	32	26	0·3	–	0·0	69	67
Westminster	*	*	*	49	32	28	1·2		*	71	76
Regents Park	*	*	*	48	43	29	–	–		77	70
Camden Square	c	c	*	49	33	29	0·5	–	*	*	76
Kensington ...	cbc	bc	*	49	33	26	1·0	–	*	79	70
Hampstead ...	bcoc	bc	bc	47	29	22	0·3	–		*	73

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 9h. 29th Max. 0·1 Time 10–19h 28th Min. <0·1 Time Rest of Period

H.M.S.O. Photo. M.O. Contractor

GENERAL INFERENCE

A depression is centred over the Southern Baltic and a trough of low pressure extends to North Scotland. A very cold Northwesterly airstream covers the British Isles. There will be wintry showers in the North and West especially on high ground but fair periods will predominate in the East and South. It will be cold generally with frost at night.

FURTHER OUTLOOK

Continuing very cold with wintry showers in many places.

North cones are flying on coasts Whitehaven to Pembroke, and east coast Flamborough Head to North Foreland.

Chart of Weather in the Northern Hemisphere.

Morning of

Monday 29th December,

1947

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character-istics 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.

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

Monday 29th December 1947 — No. 3148

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind Direc. (3)	Wind Force (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. (8)	Cloud. Form. Low. (9a)	Cloud. Form. Med. (10a)	Cloud. Form. High. (11a)	Cloud. Amount. Total. 0–9 (12a)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	16						40										
	Croydon	217	25·7	+18	SW	5	20	38	31	6	–	–	1	2	2	0	–	–
	S. Farnborough	226	24·6	+22	WSW	4	b-bc	37	31	7	–	–	1	3	3	0	–	–
	Boscombe Down	417	25·8	+22	WSW	4	b-bc	35	28	7	–	–	5	3	3	0	–	–
	Calshot	8	26·5	+22	W'SW	4	c	40	34	8	–	–	7	8	8	0	–	–
	Tangmere	53	24·3	+12	WNW	3	c	40	35	7	–	–	7	8	8	0	–	–
	Lympne	341	23·0	+14	WSW	4	c-bc	39	32	8	–	–	7	5	5	0	–	–
	Manston	140	22·5	+10	W	4	bc	40	31	8	–	4	2	4	3	4	–	–
2	Shoeburyness	11																
	Felixstowe	10	20·3	+10	W	6	b	41	36	7	–	–	–	0	0	0	–	–
	Gorleston	5	19·1	+14	WSW	5	bc	41	33	7	5	–	–	4	4	0	30	–
	Mildenhall	15	19·4	+10	W'SW	4	b	38	32	8	–	–	–	0	0	0	–	–
	West Raynham	250	17·9	+6	SW	4	bc	39	31	7	5	–	–	4	4	0	30	–
	Waddington	235	17·5	+20	WSW	4	b	37	32	7	5	–	–	2	2	0	30	–
3	Cranfield	340	21·7	+22	WSW	5	b-bc	37	29	8	–	–	6	3	3	0	–	–
	Honiley	427	21·4	+22	WSW	4	b-bc	36	28	8	4	–	–	3	3	0	35	–
4	Little Rissington	731	22·8	+24	WNW	5	b-bc	35	24	7	–	–	2	3	3	0	–	–
	Defford	58	23·8	+34	WSW	4	b	37	26	8	5	–	–	1	1	0	25	–
5	Bristol	209	25·1	+14	W	6	b-bc	37	29	8	–	–	2	3	3	0	–	–
	Hartland Point	299	26·5	+16	NW	4	c-bc	42	26	8	2	–	–	5	5	0	–	–
	Yeovilton	50																
	Portland Bill	32	26·2	+20	NW	6	c	44	31	6	1	–	–	6	6	0	10	–
	Exeter	100	27·5	+18	W	3	c	39	31	8	4	–	–	8	8	8	35	–
	Plymouth	86	28·4	+22	W	3	c	41	36	7	5	–	–	8	8	4	25	–
	St. Eval	345	28·2	+18	NW	4	c	41	31	8	2	–	–	6	6	0	15	–
	Lizard	240	29·0	+30	NNW	4	c	43	34	7	2	–	–	8	2	3	20	–
	Guernsey	340	28·1	+10	NW	4	c	45	39	7	1	–	7	8	2	3	20	25
	Scilly, St Marys	163	29·6	+22	NW	4	c	43	34	9	8	–	7	8	4	4	–	–
6	Fairwood	268	26·7	+20	WNW	5	c-bc	37	29	8	7	–	–	5	2	5	25	40
	Pembroke	142	26·9	+20	NW	6	q	40	32	7	8	–	–	5	5	0	25	–
	Aberporth	425	26·8	+22	WNW	5	bc	37	27	8	2	–	–	4	5	0	22	–
7	Holyhead (Valley)	32	27·7	+26	NW	6	q	37	33	7	2	–	–	4	4	0	20	–
	Hawarden	15	30·8	+32	WNW	6	bc	37	29	8	5	–	–	4	4	0	20	–
8	Manchester	230	29·4	+30	W'N	5	c-bc	37	29	7	4	–	6	5	3	4	20	25
	Squires Gate	53	29·0	+32	WNW	8	bc	40	27	7	2	–	–	4	4	0	20	–
	Carlisle	100	24·8	+26	WNW	6	c	37	32	8	2	–	–	6	6	0	15	–
9	Finningley	28	26·2	+20	WNW	5	20	39	32	6	5	–	–	1	1	0	35	–
10	Spurn Head	29	25·1	+4	W'N	8	bc	39	36	7	6	–	–	4	4	0	–	–
	Leeming	105	24·8	+24	NW	6	bc	38	33	7	3	–	–	4	4	0	–	–
	Tynemouth	108	22·4	+14	W	2	bc	36	33	7	8	–	–	4	4	0	16	–
	Acklington	138	21·9	+16	WSW	2	b-bc	34	31	7	5	–	–	3	3	0	30	–
11	St. Abb's Head	280	21·3	+12	W	3	b-bc	35	32	7	5	–	–	3	3	0	30	–
	Leuchars	31	21·3	+6	WNW	1	bc	30	29	5	2	–	–	4	3	0	–	–
	Bell Rock	–	20·3	+8	W'N	3	b	37	32	8	7	5	4	7	4	3	25	–
12	Renfrew	35	23·3	+18	W	4	c-bc/r	36	32	7	5	7	–	5	1	4	30	–
	Prestwick	30	24·3	+22	W	5	c	37	32	7	6	8	6	6	4	6	25	30
	Wigtown	19	27·8	+34	W	6	ps	34	30	7	6	3	6	6	5	2	10	–
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	27·7	+26	WNW	7	b	38	30	8	1	–	–	2	2	0	20	–
13A	Tiree	44	25·2	+40	NW	8	sh	32	31	7	2	–	–	8	8	0	5	–
	Benbecula	27	25·1	+18	NNW	8	c/hs	34	31	7	8	–	–	8	8	0	35	–
13B	Stornoway	12	22·3	+6	NW	8	c	35	27	7	8	–	–	6	6	0	20	–
	Cape Wrath	367	19·6	+2	NW	8	bb	37	37	8	8	–	–	8	8	0	20	–
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen	79						34										
	Rattray	46	20·1	+20	WNW	2	c	35	33	7	8	–	–	8	8	0	25	–
	Lossiemouth	21	20·8	+4	SW	4	dodo	36	33	8	8	–	–	7	4	0	18	25
	Wick	114	19·9	+6	SE	3	pr	40	32	8	8	–	–	7	5	5	18	25
16	Hatston	45	20·8	+6	ESE	4	c-bc/pr	39	34	8	5	–	7	5	4	3	25	–
	Lerwick	269	22·7	+10	E	3	r	37	33	8	7	–	–	6	3	3	23	40
17	Blacksod Point †	18	24·7	-8	WSW	6	c/ps	36	28	7	9	–	–	7	7	1	8	–
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	20·4	+18	W	5	bc/s	32	31	7	3	–	–	4	4	0	12	–
	Cas. Archdale	225	21·7	+12	W	3	ps	32	31	8	3	–	–	6	6	0	20	–
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	24·3	+22	W'SW	4	b	31	27	8	–	4	–	1	0	0	–	–
20	Rinnamna †	13	28·8	+12	WNW	3	b-bc/ps	33	31	8	–	–	–	3	3	–	26	–
	Valentia †	30	20·6	+12	WNW	4	ph/r	41	26	8	–	–	–	3	3	–	18	–
	Roches Point †	22	29·2	+16	NW	4	b	36	32	8	–	–	–	1	1	–	15	–

† Minimum temperature and rainfall read at 0730. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind Direc. (19)	Wind Force (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. (24)	Cloud. Form. Low. (25a)	Cloud. Form. Med. (26a)	Cloud. Form. High. (27a)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	9 h. State of Ground. ++ 0–5 (33)
1	Kew	35·4	+8	W	3	b	35	26	8	–	–	–	0	0	0	–	–	1
	Croydon	35·3	+4	SW	2	b	34	24	6	–	–	–	0	0	0	–	–	3
	S. Farnborough	35·9	+6	W'S	4	b	34	27	8	–	–	–	0	0	0	–	–	1
	Boscombe Down	37·0	+4	WSW	3	b	32	26	7	–	–	–	0	0	0	–	–	0
	Calshot	37·4	+2	W	2	b	33	30	8	–	–	–	0	0	0	–	–	0
	Tangmere	36·6	+4	NW	3	c-bc	33	32	7	–	–	–	5	4	–	–	–	1
	Lympne	35·1	+10	WSW	4	b	33	26	8	–	–	–	2	2	–	–	–	1
	Manston	34·6	+10	W'S	3	b	34	25	8	–	–	–	0	0	0	–	–	1
2	Shoeburyness	34·0	+4	W'N	4	b	35	27	7	–	–	–	0	0	0	–	–	3
	Felixstowe	32·8	+12	WNW	6	b	33	31	7	–	–	–	0	0	0	–	–	0
	Gorleston	30·9	+8	WNW	4	b	34	28	7	–	–	–	0	0	0	–	–	0
	Mildenhall	32·6	+14	SW'W	3	b	33	26	8	–	–	–	0	0	0	–	–	1
	West Raynham	30·8	+	WSW	4	bc	33	25	7	5	4	–	4	4	2	30	–	0
	Waddington		+ 14	SW	4	b-bc	32	29	7	5	–	–	3	3	–	30	–	1
3	Cranfield	33·0	+10	W'S	4	b	32	24	8	–	–	–	0	0	0	–	–	3
	Honiley	33·6	+6	W'S	4	b	32	27	8	–	–	–	0	0	0	–	–	3
4	Little Rissington	34·6	+6	W	4	b	30	19	8	–	–	–	0	0	0	–	–	3
	Defford	34·8	0	W	5	b	35	22	8	–	–	–	0	0	0	–	–	0
5	Bristol	36·4	+2	W	3	b	32	26	8	5	–	–	1	1	–	12	–	0
	Hartland Point	37·4	+2	NW	3	c-bc	40	27	8	2	–	–	5	5	–	–	–	1
	Portland Bill	37·5	+4	NW	6	b-bc	42	24	7	1	–	–	3	3	–	20	–	1
	Exeter	38·5	+2	WSW	3	b-bc	34	28	8	2	–	–	3	2	2	25	40	1
	Plymouth	39·4	+6	W	2	bc	39	31	7	5	–	–	4	4	–	20	–	0
	St. Eval	40·1	+6	WNW	5	bc	39	28	9	5	–	–	4	4	–	18	–	1
	Lizard	40·3	+8	NW'N	3	bc	40	32	8	7	–	–	4	4	–	25	–	1
	Guernsey	39·6	+10	NW	6	c-bc	42	34	8	7	–	–	5	4	5	25	40	1
	Scilly, St Marys	40·6	+6	NW	5	bc JP	42	31	9	8	–	–	4	4	–	–	–	1
6	Fairwood	37·1	−2	WNW	4	bc ps	35	29	8	2	–	–	4	3	3	25	–	1
	Pembroke	36·3	+6	WNW	6	q	41	36	7	1	–	–	4	4	–	25	–	1
	Aberporth	35·6	−2	W'NW	5	bc	38	27	8	2	–	–	4	4	–	22	–	1
7	Holyhead (Valley)	32·8	−8	W	5	q	39	31	7	2	–	–	4	4	–	20	–	0
	Hawarden	31·9	0	WNW	3	b-bc	35	34	8	2	–	–	3	3	–	20	–	4
8	Manchester	30·4	−2	SW	4	c-bc/ph	34	28	7	8	–	–	5	3	4	10	25	4
	Squires Gate	29·5	+4	W	7	PH	39	30	8	3	6	3	6	5	3	18	–	1
	Carlisle	26·4	+6	W	6	cs	33	31	6	5	–	–	8	8	–	8	–	4
9	Finningley	29·3	+4	WSW	2	Mo	33	29	6	5	–	–	4	4	–	30	–	4
10	Spurn Head	28·4	+10	W	6	bc	35	32	7	5	–	–	4	4	–	–	–	0
	Leeming	27·1	+2	NW	4	ss	33	32	7	5	–	–	4	4	–	–	–	0
	Tynemouth	24·2	+2	W	4	q	34	29	7	2	–	–	4	4	–	19	–	1
	Acklington	23·4	+2	WNW	3	c	34	28	7	5	–	–	6	6	–	30	–	0
11	St. Abb's Head	20·4	+2	W	2	Mo	35	32	7	5	–	–	6	6	–	20	–	3
	Leuchars	22·4	+10	WNW	1	c	32	30	8	5	–	–	7	4	–	25	–	3
	Bell Rock	21·5	+2	W'N	3	bc	35	29	8	5	–	–	4	3	4	25	–	3
12	Renfrew	24·9	+12	W	2	bc	34	28	8	3	6	3	4	3	4	25	–	3
	Prestwick	25·7	+6	WNW	4	c-bc	37	31	7	2	–	–	5	5	–	25	–	1
	Wigtown	27·6	+2	W	6	c	34	31	7	3	–	–	5	4	4	8	15	4
	Eskdalemuir	24·9	+2	WNW	4	c	31	30	8	2	6	–	7	5	4	10	15	8
	Point of Ayre	28·3	0	W'N	7	c-bc	37	33	8	2	–	–	5	4	4	20	25	0
13A	Tiree	25·5	−4	NW	1	bc	33	30	8	2	7	–	4	4	1	22	–	7
	Benbecula	25·9	+4	NNW	3	c	37	27	8	2	6	–	8	4	3	21	–	8
13B	Stornoway	23·7	+6	W	4	c	36	31	7	2	–	–	8	8	–	25	–	1
	Cape Wrath	21·7	+10	WNW	3	cr	36	36	8	2	–	–	8	8	–	20	–	2
15	Dalwhinnie																	1
	Aberdeen	31·9	+8	NW'W	2	c	31	27	8	5	–	–	6	3	6	40	–	4
	Rattray	31·0	+4	WNW	2	c/pr	34	33	7	6	–	–	8	3	6	20	–	4
	Lossiemouth	32·7	+10	SW	4	dodo	34	33	7	8	–	–	8	4	4	10	25	1
	Wick	31·3	+8	SE	4	pr	38	35	8	8	–	–	7	4	5	18	40	1
16	Hatston	32·8	+6	ESE	3	c-bc/pr	37	35	9	2	–	–	8	3	4	15	–	1
	Lerwick	34·4	+12	E	3	c	38	24	8	2	–	–	7	3	4	21	–	1
17	Blacksod Point †	34·2	+2	W	3	c/ph	36	32	8	2	–	–	7	5	–	8	–	2
18	Malin Head †	36·1	−4	W	6	PH	37	33	8	2	–	–	8	5	–	15	–	4
	Aldergrove	30·4	−2	WSW	4	c/ps	33	30	7	3	–	–	8	3	–	12	–	7
	Cas. Archdale	30·1	0	SW	4	bc/ps	34	31	8	3	–	–	8	4	3	25	–	4
19	Birr Castle †	29·3	+6	WNW	1	bc	33	31	8	3	–	–	8	4	4	25	–	1
	Collinstown †	28·7	−2	WSW	5	b	31	27	8	2	–	–	8	2	2	25	–	3
20	Rinnamna †	27·9	−2	W'NW	5	bc/pr	36	32	8	3	–	–	8	4	3	19	–	1
	Valentia †	30·0	+2	WNW	5	b-bc/pr	42	31	8	3	–	–	8	3	2	25	–	1
	Roches Point †	29·3	−2	NW	4		35	33	8	5	–	–	7	5	2	25	–	1

OBSERVATIONS Sunday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	cc mo b	bc	34	29	Tr
	Croydon	c zo bm bz	c zo bz o	32		
	S. Farnborough	bc b	bc cb c l bx	32	28	–
	Boscombe Down	c i r o b	b c l bx	29	23	Tr
	Calshot	bb cc	bbcc	31	29	–
	Tangmere	bc bc	cbc	31	25	–
	Lympne	bc bc	abcb	31	26	–
	Manston	c i d o bc	bccb	32	27	–
2	Shoeburyness	b	b	31	25	–
	Felixstowe	cm bcm o b	b	33	30	–
	Gorleston	bc	bc bx	33		–
	Mildenhall	bc b	b	32	29	–
	West Raynham	bc bm bcc	bc bbc	31	28	–
	Waddington	bm o b Ei r o	bbccb	30	17	0.1
3	Cranfield	bc b z o b	bcb	29		–
	Honiley	bc b	b	31	27	–
4	Little Rissington	b	b	29	28	–
	Defford	bbc b	bbc b j	30	24	–
5	Bristol	bb c bc	bq bx	31	25	Tr
	Hartland Point	bcy	c ph bcy	40	37	Tr
	Portland Bill	cc	bc bc	41	*	–
	Exeter	bcc p o r c	c bc b	34	26	–
	Plymouth	bc z o c z g	c bc	38	34	0.2
	St. Eval	bcc p r o	c b c y bc	38	35	0.1
	Lizard	bcc	c y bc	39	*	TR
	Guernsey	c	a	39	33	–
	Scilly, St Marys	bc pc	c bc	41	* *	0.6
6	Fairwood	bc bbc	bc c p s o bc	33	27	Tr
	Pembroke	bc q c q	bc q c q	39	*	–
	Aberporth	bcc	bcy	37	35	–
7	Holyhead (Valley)	c p r ph c b q	bc q c q	34	33	–
	Hawarden	bc p r c p h c	c p r c bc	34	28	0.1
8	Manchester	c p r e p h c	c s o s o c p h o	32	29	3
	Squires Gate	c p R p r o b c y	bc y p h y p p h o	36	34	2
	Carlisle	bc c b c i r o c	c b c c i r c s c s y	32	28	03
9	Finningley	c m c o b z o	b c m o l s o c m o	31	28	1
10	Spurn Head	c p r b c	bc	34	*	–
	Leeming	c R R c b c	b c r r c s s	32	34	0.4
	Tynemouth	c m b c	b c q	33	29	–
	Acklington	bc	bcc	33	28	–
11	St. Abb's Head	bc m q i f	c F c m o	32	*	Tr
	Leuchars	b b c	b c	28	23	–
	Bell Rock	b c	c b c	*	*	*
12	Renfrew	c i r o	c c p s o b c	32	26	2
	Prestwick	r o r m c	c v o s w o c	33	32	1
	Wigtown	c p r p s	p s o s s m c	32	31	1
	Eskdalemuir	b b c c	c p s o c	29	21	2
	Point of Ayre	e p h b		36		–
13A	Tiree	c c r s s f o	o s f c c x	31	30	9
	Benbecula	c r o s o	o s o s o c	33	32	5
13B	Stornoway	b e p r c	c	30	29	–
	Cape Wrath	o d d	c r	33	31	5
15	Dalwhinnie				10	
	Aberdeen	c c m o	c m o c x	31	23	Tr
	Rattray	c c	c p r c p r	33		4
	Lossiemouth	c d o d o	c d o d o	33	30	0.6
	Wick	c c p r o	c p r o	36	34	2
16	Hatston	b c c p m r	c r o c	35	30	0.5
	Lerwick	c c i r o	c i v o c	33	27	–
17	Blacksod Point †	c r s e	p r	31	*	3
18	Malin Head †		p r	32	*	6
	Aldergrove	c p r o b x	c p s o c	31	27	Tr
	Cas. Archdale	c p r o b p r o	c p s p h c	32	31	2
19	Birr Castle †			30	26	0.2
	Collinstown †	b	p r	30	27	Tr
20	Rinnamna †	b c	p r	30	27	2
	Valentia †	b e	b	36	33	2
	Roches Point †	b	b	34	*	–

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

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

Tuesday 30th December 1947 — No. 31449.

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

Distrct.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0–9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0–9 (12a)	Cloud. Amount. Low. A. 0–9 (13)	Cloud. Amount. Low. B. 0–9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kew	95·8	-6	WSW	4	z₀	40	20	6	–	–	–	0	0	0	–	–
	Croydon	96·5	-2	SW	6	z₀	39	24	6	–	–	–	0	0	0	–	–
	S. Farnborough	96·8	-2	WSW	5	0	40	31	7	–	8	–	1	1	1	25	–
	Boscombe Down	98·0	-2	SW	5	bbc/ps	35	34	7	8	–	–	3	3	–	22	–
	Calshot	99·1	+2	W	5	z₀	41	30	6	2	1	–	1	1	–	29	–
	Tangmere	97·7	-2	WNW	3	b	41	35	7	1	1	–	0	0	0	–	–
	Lympne	96·1	-10	WSW	4	b	40	27	8	–	–	–	0	0	0	–	–
	Manston	96·2	0	W'S	4	b	39	24	8	–	–	–	0	0	0	–	–
2	Shoeburyness	96·4	-2	W'S	4	z₀	40	27	6	–	–	–	0	0	0	–	–
	Felixstowe	94·2	0	W	6	b	39	29	7	–	–	–	0	0	0	–	–
	Gorleston	91·7	0	W	5	b	38	24	7	–	4	–	2	2	–	57	–
	Mildenhall	93·7	+2	SW'W	4	b	38	27	7	–	4	–	1	2	–	–	–
	West Raynham	91·4	-4	WSW	5	bc	36	28	7	5	7	2	4	3	3	30	–
	Waddington	91·0	+2	WSW	3	C/S	34	29	7	–	–	–	7	4	6	20	40
3	Cranfield	94·5	-6	WSW	5	b	36	28	7	1	–	–	1	1	–	25	–
	Honiley	93·5	-2	W	5	bbc	39	30	8	1	–	–	3	3	–	20	–
4	Little Rissington	94·4	-8	W	6	b	37	26	8	5	–	–	2	2	–	20	–
	Defford	94·7	-6	WSW	5	b-bc	41	30	8	5	–	–	3	3	–	25	–
5	Bristol	97·4	-2	WSW	6	b-bc	40	31	8	3	–	–	3	3	–	25	–
	Hurtland Point	98·1	+4	WNW	4	c-bc/ph	42	30	8	3	–	–	5	5	–	–	–
	Yeovilton	97·8	+2	WSW	4	bc/rs	40	33	8	8	–	–	4	3	4	10	15
	Portland Bill	99·8	+16	WNW	7	b-bc	45	29	7	1	–	–	3	3	–	10	35
	Exeter	99·6	-2	WNW	3	pr₀	43	32	7	9	6	3	4	3	4	15	40
	Plymouth	00·8	0	W	5	b	44	33	7	–	–	–	2	2	–	30	–
	St. Eval	01·4	+6	WNW	4	bc/pr	43	34	7	2	–	–	4	4	–	18	–
	Lizard	02·3	+12	NW	5	prS	44	34	8	3	–	–	5	5	–	25	–
	Guernsey	02·0	+6	WNW	6	bc	43	34	9	7	–	–	4	4	4	16	25
	Scilly, St. Marys	02·7	+10	W'N	6	phr	46	36	8	3	6	–	4	4	3	18	57
6	Fairwood	97·5	+2	WSW	6	bc	41	32	8	3	–	–	4	4	0	20	–
	Pembroke	97·6	+8	WNW	6	lr	43	36	6	8	–	–	5	5	0	15	–
	Aberporth	96·1	+2	W	5	c-bc	41	32	9	8	–	–	5	5	0	22	–
7	Holyhead (Valley)	92·9	+8	W	5	cq	41	34	8	2	–	3	6	5	2	25	–
	Hawarden	92·9	+8	WNW	4	bc	40	31	8	3	–	–	4	4	0	20	–
8	Manchester	91·3	+8	SSW	4	cbc/ps	37	32	6	2	6	–	5	4	4	20	15
	Squires Gate	90·6	+10	W'N	6	bc/pc	41	33	7	3	–	3	5	4	3	15	–
	Carlisle	87·8	+6	W	4	b-bc	34	31	8	–	6	–	5	3	4	2	15
9	Finningley	90·0	+6	W	4	bc/ps	34	31	5	5	7	–	4	2	3	35	–
10	Spurn Head	89·4	+6	WSW	7	m₀	37	34	6	7	–	–	4	0	3	–	–
	Leeming	88·5	+10	W	4	b-bc	35	31	7	6	3	–	3	3	1	25	–
	Tynemouth	86·2	+12	W	4	9	35	29	6	2	8	–	4	3	3	20	57
	Acklington	85·8	+18	W	4	c-bc	36	28	7	6	5	–	5	5	2	30	–
11	St. Abb's Head	85·1	+24	W	4	cjf	33	28	7	6	5	–	5	6	0	20	–
	Leuchars	85·7	+19	W	3	jf	34	30	8	8	5	–	7	6	3	40	–
	Bell Rock	85·1	+2	W'N	3	c	37	29	8	8	–	–	7	3	–	15	–
12	Renfrew	86·9	+8	WSW	1	m₀	38	33	6	2	7	–	6	5	4	4	30
	Prestwick	87·5	+10	W	4	ps₀	35	32	7	3	6	3	6	2	5	18	25
	Wigtown	88·7	+4	W'N	4	c-bc	36	31	8	8	2	6	5	5	2	18	–
	Eskdalemuir	87·4	+8	W	1	bc	33	29	8	8	2	6	1	4	5	3	3
	Point of Ayre	88·8	+6	WNW	6	c-bc	39	32	8	8	–	–	5	3	4	20	25
13A	Tiree	88·1	+22	N	4	c	37	24	9	2	6	3	6	4	2	15	–
13B	Benbecula	87·1	+10	NNW	4	c	39	28	8	4	2	–	7	4	7	22	–
	Stornoway	85·1	+12	W	5	PRS	36	35	7	9	7	–	8	5	8	8	–
15	Cape Wrath	84·8	+16	E	3	bc	36	33	9	8	–	–	4	4	0	25	–
	Dalwhinnie																
	Aberdeen	85·0	+19	NW'W	2	S₀S₀	33	33	4	–	2	–	8	8	0	5	–
	Rattray	85·2	+19	WNW	2	cs	32	31	7	8	–	–	8	5	0	20	–
	Lossiemouth	85·9	+16	WSW	4	d₀d₀	34	33	7	6	8	–	8	4	0	10	25
	Wick	85·3	+20	SE	3	r₀r₀	38	36	7	5	–	–	8	8	0	10	–
16	Hatston	86·3	+18	SE	3	c/pS	38	32	9	8	–	7	8	5	4	16	25
	Lerwick	86·2	+18	E'N	4	c-bc	39	29	8	5	–	–	5	4	4	25	–
17	Blackrod Point †	95·7	+19	NW'W	7	c/ph	40	29	7	9	–	–	7	6	–	8	–
18	Malin Head †	87·8	+10	NNW	3	phr	37	29	8	9	–	–	7	6	–	15	–
	Aldergrove	89·5	-6	SSW	4	ps₀	33	3X2	X3	9	–	–	8	8	0	6	–
	Cas Archdale	90·3	+2	WNW	6	ps	33	31	6	3	–	–	8	8	0	16	–
19	Birr Castle … †	96·0	+6	WNW	2	c-bc	36	32	8	8	–	–	5	5	–	15	–
	Collinstown †	93·4	-6	WSW	5	bc/ps	35	24	8	8	6	3	4	3	–	78	–
20	Rineanna †	99·3	+6	W	4	pl₀	40	36	8	8	–	3	4	4	–	17	–
	Valentia … †	01·7	+6	WNW	5	bc/ph	42	31	8	8	–	3	4	4	–	25	–
	Roches Point †	00·6	+10	NW	4	bc	40	36	8	3	–	3	4	4	–	15	–

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1300.

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

Distrct.	Stations. (For heights see p. 4.)	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0–9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0–9 (28)	Cloud. Amount. Low. A. 0–9 (29)	Cloud. Amount. Low. B. 0–9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	State of Ground. 0–9 (33)
1	Kew	96·0	0	WSW	4	z₀	38	30	6	–	–	–	0	0	0	–	–	1
	Croydon	96·8	+2	SW	6	z₀	37	30	6	5	–	–	1	1	–	25	–	0
	S. Farnborough	97·1	+2	SW'W	5	b	36	31	8	3	–	–	1	1	–	25	–	1
	Boscombe Down	98·5	+6	SW'S	5	b	34	31	8	8	–	–	2	2	–	25	–	0
	Calshot	99·3	+4	W	4	b	38	32	7	4	–	–	2	2	–	25	–	0
	Tangmere	98·5	+8	WSW	3	b	38	35	8	5	–	–	2	2	–	20	–	1
	Lympne	96·9	+2	W'S	4	b	35	30	8	–	–	–	0	0	0	–	–	1
	Manston	96·5	+6	SW	4	b	36	30	7	–	–	–	0	0	0	–	–	0
2	Shoeburyness	95·7	+6	WSW	4	z₀	39	32	6	–	–	–	0	0	0	–	–	0
	Felixstowe	94·4	+4	W'S	5	m₀	37	33	6	–	–	–	0	0	0	–	–	0
	Gorleston	93·9	+18	WSW	4	bbc	37	30	7	5	–	–	3	3	–	20	–	0
	Mildenhall	93·9	+6	SW'S	2	z₀	36	29	7	1	–	–	2	2	–	25	–	1
	West Raynham	92·4	+10	SSW	5	m₀	34	29	6	5	–	–	3	2	–	25	–	4
	Waddington	91·7	+6	SW	3	m₀	34	30	6	5	–	–	4	4	–	15	–	4
3	Cranfield	95·1	+6	WSW	4	b	35	27	8	4	–	–	1	1	–	25	–	4
	Honiley	93·6	-2	WSW	5	ps	36	32	7	–	–	–	4	4	3	10	15	1
4	Little Rissington	95·1	+6	W'N	5	b	34	28	8	3	–	–	2	2	–	25	–	1
	Defford	95·0	+2	WSW	6	bbc/pr	37	30	8	5	–	–	3	3	–	10	–	1
5	Bristol	97·7	+2	WSW	3	m₀	37	31	6	3	–	–	2	2	–	12	–	3
	Hurtland Point	98·4	+10	WNW	4	bc	43	28	8	3	–	–	4	4	–	–	–	1
	Yeovilton																	
	Portland Bill	10·2	+2	WNW	6	z₀	43	32	6	2	–	–	3	3	–	10	–	1
	Exeter	99·9	+6	SW'W	4	b-bc	38	32	7	3	4	3	3	3	1	30	–	1
	Plymouth	01·3	+2	WNW	2	pr₀	40	35	7	8	–	–	6	4	4	15	15	1
	St. Eval	02·2	+2	WNW	5	bc/ph	40	35	7	8	–	–	4	4	–	15	–	1
	Lizard	02·4	+4	NW'W	5	bc	43	36	8	8	–	–	4	4	–	20	–	1
	Guernsey	02·7	+6	WNW	6	bc/ph	40	35	8	3	6	–	4	3	4	12	25	1
	Scilly, St. Marys	02·9	+4	WNW	5	bc/ph	41	37	8	3	–	–	4	4	–	–	–	1
6	Fairwood	98·1	+6	NW	7	bc	39	32	8	2	–	–	4	4	–	15	–	1
	Pembroke	98·5	+8	WNW	6	bcq	43	36	7	8	–	–	4	4	–	30	–	1
	Aberporth	96·0	-2	W'N	5	c-bc	39	29	8	8	–	–	5	5	–	20	–	1
7	Holyhead (Valley)	94·0	+22	W'N	5	cbcq	39	33	8	3	–	–	5	5	–	25	–	0
	Hawarden	92·8	+6	WNW	6	ps₀	35	34	7	9	5	5	5	5	8	16	40	0
8	Manchester	91·2	+6	SW	3	cbc/ps	33	32	6	3	–	–	5	5	–	15	–	1
	Squires Gate	90·8	+14	WNW	5	c/rs	37	32	6	4	7	–	7	4	7	12	20	1
	Carlisle	89·1	+14	–	0	b-bc	27	26	8	4	4	–	3	2	3	20	–	4
9	Finningley	90·3	+2	SW	3	c-bc/ps	33	32	5	3	–	–	3	5	4	15	–	4
10	Spurn Head	99·9	+4	W'S	5	cbc/pr	36	35	5	5	–	–	5	4	–	–	–	4
	Leeming	89·5	+6	NW	7	bc	29	26	6	8	–	–	4	4	–	30	–	0
	Tynemouth	87·6	+6	W	3	m₀	34	29	6	2	8	–	4	3	3	18	57	1
	Acklington	87·5	+12	W'N	2	c	33	29	8	–	7	–	6	6	–	–	–	4
11	St. Abb's Head	87·4	+16	W	4	S₀S₀	35	32	6	5	–	–	8	4	–	18	–	4
	Leuchars	88·5	+18	WNW	2	S₀S₀	35	31	6	5	–	–	8	5	8	15	40	6
	Bell Rock	88·0	+19	WNW	2	S₀S₀	35	32	7	5	2	–	8	8	–	15	–	*
12	Renfrew	89·9	+22	WNW	2	c	36	31	7	8	–	–	6	1	6	15	40	1
	Prestwick	89·9	+18	NNW	2	c-bc	36	31	7	3	–	8	5	3	4	20	–	1
	Wigtown	90·9	+20	WNW	1	b	29	28	8	8	4	–	2	1	2	16	40	4
	Eskdalemuir	89·6	+22	WNW	2	m₀	30	27	6	2	–	6	5	2	4	19	–	7
	Point of Ayre	90·4	+24	NW	5	b-bcjp	38	35	8	3	–	–	3	2	3	15	25	4
13A	Tiree	89·9	+12	WNW	2	c-bc	38	26	8	8	7	–	5	2	3	15	25	4
13B	Benbecula	89·2	+14	W	4	c-bc	40	29	8	5	7	–	5	4	4	28	–	4
	Stornoway	88·0	+18	WSW	3	PRS	34	34	6	1	2	–	8	5	8	06	–	1
15	Cape Wrath	88·2	+20	E	2	bc	36	33	9	2	–	–	4	4	–	30	–	0
	Dalwhinnie	88·3	+18	NE	1	c	30	28	7	5	–	–	6	6	–	10	–	7
	Aberdeen	88·9	+22	NW	2	m₀	34	33	5	5	2	–	6	1	6	06	15	7
	Rattray	87·1	+8	–	0	bc	34	32	7	5	–	–	4	4	–	30	–	4
	Lossiemouth	90·0	+24	SW	3	m₀	33	33	6	5	7	–	5	3	4	15	25	1
	Wick	89·6	+22	–	0	bc	35	31	8	5	–	8	4	3	4	25	–	1
16	Hatston	90·0	+22	ESE	3	bc	38	30	8	5	–	–	4	4	–	25	–	1
	Lerwick	91·0	+19	ENE	3	bc	38	27	8	5	–	–	4	4	–	27	–	1
17	Blackrod Point †	97·3	-2	NW'W	7	PHR	38	30	7	9	–	–	7	7	–	08	–	3
18	Malin Head †	90·6	+9	S	2	phr	34	30	8	9	–	–	7	4	–	15	–	4
	Aldergrove	93·6	+26	WSW	4	bc	33	31	8	10	–	–	4	2	3	12	15	7
	Cas Archdale	93·5	0	WNW	5	ps	34	32	5	3	–	–	8	8	–	16	–	4
19	Birr Castle … †	98·4	+20	NW	1	c	34	32	7	5	–	–	8	8	–	15	–	4
	Collinstown †	96·2	+22	W'S	3	b-bc	33	29	8	9	6	–	3	3	–	18	–	3
20	Rineanna †	00·6	+6	WSW	3	bc/ps	33	31	8	9	–	–	3	4	–	20	–	1
	Valentia … †	02·7	+6	WNW	4	phs	43	28	8	9	–	–	3	4	6	18	–	1
	Roches Point †	01·5	+8	NW	4	bc	37	35	8	3	–	–	3	4	3	15	–	1

OBSERVATIONS during DAY (29th)

Distrct.	Stations. (For heights see p. 4.)	Weather. 06h.–12h. (34)	Weather. 12h.–18h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.–21h. ins. (38)
1	Kew	xbz₀	bz₀	41	6·4	–
	Croydon	bz₀z₀y	bz₀	42	6·1	–
	S. Farnborough	bxb	bcb	40	6·6	–
	Boscombe Down	bxbcps	bcpsbc	39	5·2	TR
	Calshot	bbz₀	bbcb	44	6·9	–
	Tangmere	bcb	b	43	6·8	–
	Lympne	b	bb	41	3·5	–
	Manston	bcb	bcyb	41	6·8	–
2	Shoeburyness	bxz₀y	bz₀	41	6·2	0·1
	Felixstowe	b	bz₀bm₀	40	5·7	–
	Gorleston	bcxb	bc	38	5·9	–
	Mildenhall	b	bbcb	39	5·3	–
	West Raynham	bcbbc	bcbcbc	38	5·9	TR
	Waddington	bbcm₀cm₀	cm₀bc	38	3·7	TR
3	Cranfield	b	bbcb	39	6·3	0·1
	Honiley	bbc	bcbbcps₀ps₀r	40	6·5	TR
4	Little Rissington	b	bbcyb	39	6·7	–
	Defford	bbc	bcbyctr₀bc	43	6·9	0·5
5	Bristol	bx	bcpr₀bbm₀	42	5·1	TR
	Hurtland Point	bccprs	bcy	44	2·1	0·5
	Yeovilton	bcr₀spbc			•	
	Portland Bill	bcbc	cbc	46	•	–
	Exeter	bcps₀bcpr₀	bcpr₀hjpbc	43	5·1	0·4
	Plymouth	bcbm₀b	bcjp₀pr₀	45	5·2	0·2
	St. Eval	bccprbc	pr₀bcpr₀hbc	45	3·2	0·5
	Lizard	ccps	phrbcq	45	5·6	1
	Guernsey	bc	q	45	5·9	2
	Scilly, St. Marys	bcphr	phrq bc	46	3·9	3
6	Fairwood	bcphpr₀bc	bc	43	6·1	TR
	Pembroke	bcqcq rr	bcq	44	2·7	–
	Aberporth	bc	bc	41	2·7	–
7	Holyhead (Valley)	bcbc	cqps₀qcq	42	3·0	TR
	Hawarden	bcph₀pr₀bc	cph₀cps	42	3·7	7
8	Manchester	s₀s₀ph₀psbm	bcm₀cph₀ps₀	39	1·3	6
	Squires Gate	cphfps bc	₀cm₀pr₀s₀mpr₀s₀	43	2·1	3
	Carlisle	c/s m₀bc	bc	36	•	–
9	Finningley	bcm₀ls₀	cm₀pr	38	1·7	2
10	Spurn Head	bm₀	cps₀cm₀	39	2·9	TR
	Leeming	oss fbc	bcis₀bc	37	•	1
	Tynemouth	bcqm₀	bcqm₀bcm₀	36	•	–
	Acklington	bcc	0	38	1·7	TR
11	St. Abb's Head	cm₀jf	ojfs₀s₀	36	•	5
	Leuchars	cx	cs₀s₀	35	0·0	0·5
	Bell Rock	c	ss	•	•	•
12	Renfrew	bccm₀	cm₀c	40	4·9	TR
	Prestwick	ebccbccps₀	cps₀cbc	38	•	TR
	Wigtown	bcps₀c	cpsox	37	•	1
	Eskdalemuir	bbccbc	bcps₀bcm₀	34	4·0	TR
	Point of Ayre	bcc	cphb	39	5·6	4
13A	Tiree	bcxcis₀cy	cycbcy	39	1·3	0·1
13B	Benbecula	cyc	cyc	41	•	–
	Stornoway	cccprs	cprs	38	0·0	20
15	Cape Wrath	c	bc	41	•	–
	Dalwhinnie		cps₀	31	0·0	–
	Aberdeen	cc is₀s₀s₀m	oss cm₀	34	0·0	6
	Rattray	cis₀c	cc	42	•	7
	Lossiemouth	d₀d₀d₀c	d₀d₀m₀c	36	0·0	2
	Wick	crd₀	prrirbc	40	0·0	3
16	Hatston	cpsc	cbc	41	0·0	0·4
	Lerwick	c	cbc	39	0·2	–
17	Blackrod Point †	p	pr	41	•	3
18	Malin Head †	p	pr₀	38	0·2	2
	Aldergrove	cpss₀psf	cpss₀ps₀cbc	34	0·2	1
	Cas Archdale	cpshtlphs	cps. cm₀c	38	0·3	2
19	Birr Castle … †	s	s	39	2·9	0·4
	Collinstown †	pc	pr	37	4·7	TR
20	Rineanna †	p	pr	41	2·1	2
	Valentia … †	p	p	43	2·8	1
	Roches Point †	bc	pr	40	•	1

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

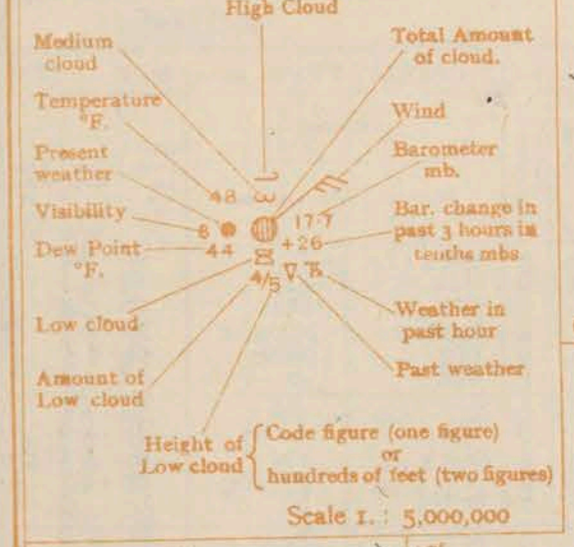
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



Scale 1. : 5,000,000

6h Tuesday 30th December 1947

LONDON OBSERVATIONS for yesterday and this morning

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

Stations	Weather			Temperature			Rainfall		Sunshine to sunset	Humidity	
	Morning	Afternoon	Night	Day Max.	Night Min.	Min. on grass	Day	Night	hrs.	15h %	21h %
				°F.	°F.	°F.	mm.	mm.	Yesterday		To-day
Kew	xbzo	bzo	bzobbx	41	34	28	–	TR	6.4	*	*
Croydon ...	bzozy	bzo	bzoczb	42	30	29	–	–	6.1	67	78
Greenwich ...	by	byb	bxm	41	32	25	–	–	5.4	65	83
Westminster	*	*	*	44	32	28	–		*	70	85
Regents Park	*	*	*	41	33	28	–	–		73	84
Camden Square	o	o	*	41	33	28	–	–	*	*	87
Kensington ...	b	b	*	42	33	25	–	–	*	84	86
Hampstead ...	bcx	bcx	bcx	40	30	24	–	–		*	97

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 30th Max. 0·1 Time 6–8h 29th Min. <0·1 Time Rest of Period

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

GENERAL INFERENCE

A large complex low pressore system lies to the North and East of the British Isles. It will continue cold with keen frost in many places tonight. Over much of England weather will be mainly fair with occasional snow showers. Wintry showers will be more frequent and heavier in Wales, parts of Southwest England and Northern Ireland, and locally in Scotland.

FURTHER OUTLOOK

Continuing cold with local snow showers.

Chart of Weather in the Northern Hemisphere.

Morning of

Toesday 30th December

1947

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

Statute Miles 0 1 2 3 4 500

All times are G.M.T.

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

≡ Fog. = Mist. T Thunder. ⅋ Thunderstorm.

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

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

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

Short strokes across the frontal line indicate Frontolysis.

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

Identification letters are inserted on fronts and in systems.

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

Tuesday 30th December 1947 — No. 31119

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

District	Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb. (2)	Change in 3 hours. (3)	Wind. Direc. (4)	Wind. Force (5)	Weather. (6)	Temp. °F. (7)	Dew Point °F. (8)	Visibility. (9)	Cloud. Form. Low. (10)	Form. Med. (11)	Form. High. (12)	Amount. Total. (13)	Amount. Low. A. (14)	Amount. Low. B. (15)	Height of Base Hundreds of feet. A. (16)	Height of Base Hundreds of feet. B. (17)
1	Kew ...	16						36										
	Croydon ...	217	97.5	+2	SW	5	zo	35	27	6	-	-	-	0	0	0	-	-
	S. Farnborough	226	98.1	+6	W'S	4	b	35	29	8	-	4	-	1	1	0	-	-
	Boscombe Down	417	99.0	0	SW	3	b	32	29	8	5	-	-	2	2	0	35	-
	Calshot ...	8	99.6	+4	WSW	3	b-bc	35	30	7	-	6	-	3	3	0	-	-
	Langmere ...	53	97.7	+4	NW	2	bc	34	32	7	-	-	-	4	4	0	-	-
	Lympne ...	341	97.3	0	W	4	b	34	30	8	-	-	8	1	1	0	-	-
	Manston ...	140	96.8	-2	W'S	4	b	35	29	7	-	-	-	0	0	0	-	-
2	Shoeburyness	17																
	Felixstowe ...	10	94.7	+2	W'N	5	b-bc	36	30	7	5	-	-	3	3	0	60	-
	Gorleston ...	5	93.1	+6	W	4	mo	35	31	6	5	-	-	8	8	0	30	-
	Mildenhall	13	94.8	+10	W'S	4	b-bc	33	30	8	4	-	-	3	3	0	25	-
	West Raynham	250	93.3	+8	W	4	mo	32	31	6	5	-	-	5	3	5	15	25
	Waddington	235	94.7	+10	WSW	4	mo	31	30	6	-	-	-	0	0	0	-	-
3	Cranfield ...	340	95.9	+4	WSW	4	b	33	28	8	4	-	-	1	1	0	40	-
	Honiley ...	427	96.1	+12	WSW	3	b-bc	33	28	8	3	-	3	3	3	2	15	-
4	Little Rissington	731	96.6	+4	W	4	b	32	27	8	-	-	-	0	0	0	-	-
	Defford ...	58	96.9	+10	SSW	3	b-bc	34	29	7	5	-	1	3	3	1	25	-
5	Bristol ...	209	98.5	+2	W	4	b	35	30	7	-	-	3	1	1	1	15	-
	Hartland Point	299	98.9	0	WNW	3	bc/ph	43	24	8	3	-	-	4	4	0	-	-
	Yeovilton	50																
	Portland Bill	32	99.9	-8	NW'W	5	zo	42	32	6	2	-	-	4	4	0	15	-
	Exeter ...	100	00.5	0	SW'W	3	b-bc	36	29	7	3	1	3	3	3	1	50	-
	Plymouth ...	86	01.5	+2	NNW	1	b-bc	38	32	6	3	8	-	3	3	2	10	-
	St. Eval ...	345	02.2	-2	WNW	4	c-bc	41	32	8	3	-	-	5	3	5	15	25
	Lizard ...	240	02.5	-4	NW	3	b-bc	42	33	8	3	-	-	3	3	0	25	-
	Guernsey ...	340	22.0	-6	W	5	c-bc	40	34	8	8	-	-	5	4	4	16	25
	Scilly, St. Marys	163	02.9	-2	W'N	5	c-bc	43	32	9	8	-	-	5	5	0	-	-
6	Fairwood	268	98.8	0	WNW	4	b-bc	37	30	8	1	-	-	3	3	0	25	-
	Pembroke ...	142	98.5	+2	WNW	6	bcq	42	37	7	8	-	-	4	4	0	30	-
	Aberporth ...	475	97.5	+11 -2	WNW	5	bc	39	28	8	2	3	-	4	4	2	35	-
7	Holyhead (Valley)	32	94.3	-8	WNW	5	ph	37	35	7	8	2	-	8	5	8	20	-
	Hawarden	15	94.5	+2	W	2	c	37	32	8	8	6	-	6	5	4	21	-
8	Manchester	210	93.8	+4	SW'S	3	psh	34	32	6	3	6	-	7	4	6	15	-
	Squires Gate	33	92.9	0	WNW	5	ph	37	34	6	9	-	-	7	4	7	12	25
	Carlisle	100	91.9	+12	W	1	bc	31	30	8	5	4	-	4	4	3	35	-
9	Finningley	28	92.3	+10	W	2	mo	32	29	6	-	-	-	2	2	0	-	-
10	Spurn Head	29	92.1	+16	W	6	mo	37	32	6	-	-	-	2	2	0	-	-
	Leeming	105	91.5	+8	NW	3	bc	32	28	7	-	-	-	4	4	0	40	-
	Tynemouth	108	90.3	+8	NW	3	c/s	32	28	6	-	-	-	4	4	0	14	-
	Acklington	138	90.5	+14	NW	2	c/rs	34	33	6	7	-	-	6	6	0	20	-
11	St. Abb's Head	280	91.0	+10	W	2	mo	34	34	7	5	-	-	8	8	0	15	-
	Leuchars ...	31	92.4	+22	WNW	2	c	33	32	7	5	-	-	5	4	1	30	-
	Bell Rock ...	—	91.6	+22	E'S	3	c-bc	41	28	8	5	-	-	5	5	0	25	-
12	Renfrew	35	92.7	+14	—	0	ir	35	33	6	5	-	-	4	4	4	20	-
	Prestwick ...	30	92.5	+14	-	0	rs	35	30	5	-	-	-	8	8	0	100	-
	Wigtown	19	93.1	+4	-	0	So So	31	30	5	5	-	-	8	8	0	8	-
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Point of Ayre	30	92.4	+2	NW'N	3	c-bc	37	33	8	2	6	-	5	4	2	20	-
13A	Tiree ...	44	93.0	+14	W	2	c-bc	35	25	9	5	3	8	5	2	4	30	-
	Benbecula ...	27	91.3	+6	WSW	3	c	40	32	8	2	3	-	7	2	7	30	-
13B	Stornoway ...	12	90.7	+20	SW	1	bc	37	34	6	3	6	-	7	4	3	8	25
	Cape Wrath	367	91.9	+22	E	2	bc	36	27	9	7	-	-	4	4	0	30	-
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aberdeen ...	79						32										
	Rattray ...	46	91.4	+10	WNW	2	bc	39	26	7	5	-	-	4	4	0	35	-
	Lossiemouth	21	93.6	+18	S	3	c-bc	31	30	8	-	-	-	5	5	0	35	-
	Wick ...	114	92.8	+14	SE	1	c-bc	38	26	8	-	3	2	5	4	2	-	-
16	Hatston ...	45	93.2	+12	SE	1	c-bc	37	31	9	5	-	-	5	5	0	20	-
	Lerwick ...	269	93.8	+12	NE	3	c	36	28	8	-	-	-	8	3	8	25	-
17	Blacksod Point †	18	98.1	+8	NW	6	c/ph	41	33	7	9	-	-	7	7	-	8	-
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Aldergrove	294	94.7	+14	-	0	mo	31	30	6	3	-	-	8	8	0	10	-
	Cas. Archdale	225	95.0	+14	NW	2	c	33	32	8	9	6	-	7	3	4	18	25
19	Birr Castle ... †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Collinstown †	220	95.8	-2	WNW	4	So So	34	34	5	6	-	-	6	6	-	6	-
20	Rineanna ... †	13	00.8	-2	NW'W	3	b-bc	37	29	8	3	-	-	3	3	-	21	-
	Valentia ... †	30	02.9	+2	NW'N	3	bc/pr	40	29	7	3	-	-	4	4	-	19	-
	Roches Point †	22	01.6	-2	NW	4	b-bc	36	34	8	3	-	3	3	2	-	15	-

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

District	Stations	Barom. at M.S.L. mb. (22)	Change in 3 hours. (23)	Wind. Direc. (24)	Wind. Force (25)	Weather. (26)	Temp. °F. (27)	Dew Point. °F. (28)	Visibility. (29)	Cloud. Form. Low. (30)	Form. Med. (31)	Form. High. (32)	Amount. Total. (33)	Amount. Low. A. (34)	Amount. Low. B. (35)	Height of Base Hundreds of feet. A. (36)	Height of Base Hundreds of feet. B. (37)	State of Ground. ++ (38)
1	Kew ...	36.6	-6	SW	3	b-bc	35	30	7	-	-	6	3	3	-	-	-	3
	Croydon ...	96.9	+6	SW	5	zo	34	27	6	-	-	5	2	2	-	-	-	3
	S. Farnborough	97.1	-10	SW	4	b	32	30	8	-	-	-	0	0	0	-	-	3
	Boscombe Down	98.3	-4	SSW	3	b	31	29	7	3	-	-	2	2	-	25	-	4
	Calshot ...	98.9	-6	W'S	2	b	34	30	7	-	-	-	0	0	0	-	-	0
	Langmere ...	98.3	-6	—	0	b	31	30	7	-	-	-	0	0	0	-	-	1
	Lympne ...	97.7	0	WSW	3	b-bc	30	28	8	-	-	3	3	3	-	-	-	1
	Manston ...	97.0	-2	W'S	3	bc	32	27	7	-	7	2	4	2	3	-	-	0
2	Shoeburyness	96.0	-4	WSW	3	mo	35	29	6	5	-	-	3	3	-	28	-	1
	Felixstowe ...	95.5	+2	W'N	5	b-bc	34	30	7	5	-	1	3	3	1	50	-	0
	Gorleston ...	95.0	+12	WNW	3	b-bc	32	28	7	-	4	-	3	3	-	80	-	3
	Mildenhall	95.0	-6	SW'S	3	c	33	30	7	5	-	-	7	7	-	27	-	0
	West Raynham	93.9	+2	SW	4	mo	31	29	6	-	-	3	5	4	-	-	-	3
	Waddington	94.4	0	SW	3	mo	30	29	6	-	4	-	2	2	-	-	-	3
3	Cranfield ...	95.6	-6	SW	4	c	33	28	7	5	-	-	8	5	-	21	-	4
	Honiley ...	95.2	-2	WSW	3	sf	33	33	2	-	-	-	9	9	-	0	-	7
4	Little Rissington	95.5	-6	SW	4	b-bc	30	26	8	5	-	-	3	3	-	30	-	3
	Defford ...	95.7	-6	S	3	c	33	29	7	5	7	-	6	4	5	25	-	1
5	Bristol ...	97.0	-10	WSW	3	b	35	30	8	2	6	-	2	2	1	23	-	5
	Hartland Point	97.7	-6	WNW	4	c-bc	42	28	8	3	-	-	5	5	-	-	-	1
	Yeovilton																	
	Portland Bill	99.3	-4	WNW	6	b	42	31	7	1	-	-	2	2	-	10	-	1
	Exeter ...	99.1	-10	W	6	phr	37	30	7	3	-	-	6	6	-	21	-	1
	Plymouth ...	02.0	+6	WNW	2	bc	39	36	7	3	8	-	4	3	2	15	-	1
	St. Eval ...	01.6	+2	NW	5	c	41	31	8	3	-	-	6	6	-	15	-	1
	Lizard ...	01.8	-2	WNW	4	bc/phr	40	38	8	3	-	-	4	4	-	25	-	0
	Guernsey ...	01.3	-6	WNW	5	bc/phr	41	33	8	8	-	-	4	3	4	16	25	1
	Scilly, St. Marys	02.1	-2	WNW	5	c	41	35	8	8	-	-	7	7	-	-	-	1
6	Fairwood	26.8	-12	WSW	5	bc/pr	38	30	8	2	-	-	4	4	-	25	-	1
	Pembroke ...	27.2	0	WNW	7	c-bcq	42	34	7	8	-	-	5	5	-	20	-	1
	Aberporth ...	96.3	-2	NW	6	c/ps	35	33	7	2	7	-	6	4	4	2	40	1
7	Holyhead (Valley)	95.2	+14	NW	2	c	36	35	8	8	6	-	6	4	4	25	-	1
	Hawarden	94.8	0	S	1	c-bc	31	31	8	8	-	-	5	5	-	25	-	8
8	Manchester	94.2	+4	—	0	bc/fr	32	31	8	4	-	-	4	4	-	25	-	7
	Squires Gate	93.9	+8	—	0	c-bc	30	29	8	2	6	9	5	3	3	25	-	5
	Carlisle	94.5	+12	—	0	F	26	26	1	-	-	-	9	9	-	0	-	4
9	Finningley	93.3	+2	SW	1	mo	28	27	5	-	-	-	0	0	0	-	-	4
10	Spurn Head	93.3	+4	WNW	4	mo	35	34	6	1	-	-	2	2	-	-	-	0
	Leeming	94.0	+18	—	0	mo	32	32	6	5	-	-	8	8	-	18	-	4
	Tynemouth	94.1	+20	ESE	3	bc	39	28	7	7	-	-	4	4	-	18	-	7
	Acklington	94.1	+16	W	3	b-ba	30	27	8	5	3	-	3	2	3	20	-	8
11	St. Abb's Head	94.1	+8	W	2	mo	37	32	6	5	-	-	5	5	-	20	-	4
	Leuchars ...	95.2	+16	WNW	2	b-bc	28	27	7	5	-	2	3	2	3	50	-	5
	Bell Rock ...	93.8	+10	N	4	b	39	31	8	2	-	1	2	1	-	25	-	*
12	Renfrew	96.1	+18	—	0	mo	29	29	5	-	-	2	4	4	-	-	-	3
	Prestwick ...	95.6	+16	—	0	mo	31	29	5	-	7	-	4	4	-	100	-	6
	Wigtown	95.8	+14	—	0	b-bc	31	29	8	5	-	1	3	3	2	30	-	4
	Eskdalemuir	93.3	+38	—	0	mo	27	25	6	5	-	-	6	6	-	70	-	8
	Point of Ayre	94.4	+14	NE'N	8	c	37	32	8	5	-	-	7	7	-	18	-	0
13A	Tiree ...	94.5	+8	W'S	3	c	37	32	8	5	3	-	6	5	3	15	-	4
	Benbecula ...	92.1	+12	NW	4	c/pr	41	36	8	2	6	-	6	4	4	22	-	1
13B	Stornoway ...	92.1	+4	S	7	c-bc	42	31	8	5	3	-	5	5	-	45	-	1
	Cape Wrath	93.4	+4	S	2	bc	36	27	9	2	3	-	4	3	2	30	-	0
15	Dalwhinnie																	7
	Aberdeen ...	94.8	+14	NW'W	2	mo	24	22	6	8	4	1	2	1	1	20	25	8
	Rattray ...	92.8	+6	WNW	2	c-bc	32	31	7	5	-	-	5	5	-	35	-	4
	Lossiemouth	95.4	+8	S	3	bc	27	24	7	5	-	9	4	3	4	45	-	3
	Wick ...	94.5	+6	—	0	c	29	26	8	5	-	-	6	6	-	55	-	X1
16	Hatston ...	94.8	+4	SSE	2	c-bc	37	35	9	5	-	8	5	3	5	25	-	-
	Lerwick ...	95.3	+14	NW	2	c	33	24	8	2	3	-	7	6	4	18	-	4
17	Blacksod Point †	99.8	+6	NW'W	4	bc	40	29	8	8	-	-	4	4	-	15	-	8
18	Malin Head †	95.3	+6	NW	2	c-bc	37	33	8	9	-	-	5	5	-	15	-	8
	Aldergrove	97.5	+14	—	0	b	23	23	8	2	4	1	2	1	1	25	-	8
	Cas. Archdale	97.4	+6	W	4	pr	34	34	7	3	-	-	8	8	-	16	-	4
19	Birr Castle ... †	00.2	+12	NW	1	b-bc	30	28	8	4	-	-	3	0	-	-	-	7
	Collinstown †	98.3	+22	W'N	3	mo	28	28	6	5	-	-	7	4	-	3	-	8
20	Rineanna ... †	01.9	+6	WNW	4	bc/pr	37	33	8	3	6	3	4	3	-	23	-	1
	Valentia ... †	03.3	-2	WNW	4	pr	42	38	8	3	-	-	5	5	-	25	-	1
	Roches Point †	02.0	+6	NW	5	bc	35	33	8	3	-	3	4	3	-	15	-	1

OBSERVATIONS Monday NIGHT

District	Stations	Weather. 18h.–00h. (39)	Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain num. (43)
1	Kew ...					
	Croydon ...	bzo	bbcx	34	28	Tr
	S. Farnborough	bzo	bzczob	30	29	-
	Boscombe Down	b	bx	31	26	-
	Calshot ...	b	b	29	25	0.2
	Langmere ...	b	bx	33	31	-
	Lympne ...	bbc	bcb	28	23	-
	Manston ...	bxl	bxbcx	29	19	-
	Shoeburyness	b	bbc	30	25	-
2	Felixstowe ...	bzo	bcmo	38	27	*Tr
	Gorleston ...	bzobx	bxbcx	33	21	-
	Mildenhall	cpsozo	bcx	31	*	-
	West Raynham	bcisocbc	bcc	31	.	Tr
	Waddington	bcpsocmb	cmobcmo	30	26	.
3	Cranfield ...	bccb	bmobmo	28	23	-
	Honiley ...	bcpsbcb	bbce	29	.	Tr
4	Little Rissington	bcpsrsrab	bccifoso	30	26	4
	Defford ...	b	bbc	29	28	Tr
5	Bristol ...	cprob	bbcc	31	26	0.4
	Hartland Point	bmgbz	bx	34	26	0.1
	Yeovilton	bcy	phbc	36	35	1
	Portland Bill	bcbc	bcbc	40	*	0.1
	Exeter ...	bc	bcepshbcx	32	25	0.3
	Plymouth ...	cporbbc	bczaprbc	37	31	1
	St. Eval ...	bcphoc	bcpephocph	35	32	1
	Lizard ...	phrbc	bcplo	37	*	Tr
	Guernsey ...	p	bcphr	38	34	1
	Scilly, St. Marys	pbc	phrc	40	*	0.6
6	Fairwood	bc	bcbbcplo	35	25	-
	Pembroke ...	bcq	bcqirbcq	37	*	0.5
	Aberporth ...	bc	bcrplso	35	32	0.1
7	Holyhead (Valley)	cqspir	cphoc	34	30	3
	Hawarden	corosoc	cpsirosoc	27	22	3
8	Manchester	cpmsmo	cmpsecmo	30	28	5
	Squires Gate	cbcprophmo	cphmorosbc	28	24	5
	Carlisle	bcx	cisoxbcfx	24	22	1
9	Finningley	cmpsobmo	cmobmo	25	17	-
10	Spurn Head	bcmo	bc	33	*	-
	Leeming	bc	bc	30	23	1
	Tynemouth	cmossmomo	omobc	32	27	2
	Acklington	ccsmcosmo	cbcphobc	24	23	3
11	St. Abb's Head	rsososmo	como	32	*	5
	Leuchars ...	csosocroc	cbcb	27	2122	TV
	Bell Rock ...	sc	cbc	*	*	*
12	Renfrew	cpsrosmo	cirbc	27	22	TV
	Prestwick ...	crosomp	cbsomox	28	24	0.1
	Wigtown	bcpscso	cirmo	23	16	TV
	Eskdalemuir	bccmo	ssocmo	19	12	1
	Point of Ayre	bcphc	bc, c	36	*	-
13A	Tiree ...	bcy bcx	bcxc	30	21	7
	Benbecula ...	c	cpbc	39	35	2
13B	Stornoway ...	cr	c, bc, c	34	30	1
	Cape Wrath	bc	bc	31	25	-
15	Dalwhinnie			13	10	
	Aberdeen ...	cb, cmo	cbcbmo	23	19	-
	Rattray ...	bcbc	bc	32	*	-
	Lossiemouth	bcc	bc	22	21	-
	Wick ...	bcc bc	bcyc	29	24	Tr
16	Hatston ...	bcc	bcc	33	25	-
	Lerwick ...	bcxcx	cxbxcx	30	24	Tr
17	Blacksod Point †	p	bc	33	*	3
18	Malin Head †		cbc	31		Tr
	Aldergrove	cpsomocb	cmobcfx	28	18	
	Cas. Archdale	cpsmocpso	cpsocpso	31	28	1
19	Birr Castle ... †		bbc	29	22	2
	Collinstown †	s	cmo	28	27	1
20	Rineanna ... †	bc	bcpr	35	31	1
	Valentia ... †	p	pfo	37	33	3
	Roches Point †	bc	bc	34	*	0.5

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 31st December 1947

No. 31450

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

Distance	Stations (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind. Direc. (3)	Wind. Force. (4)	Weather. (5)	Temp. °F. (6)	Dew Point °F. (7)	Visibility. 0-9 (8)	Cloud. Form. Low. (9)	Cloud. Form. Med. (10)	Cloud. Form. High. (11)	Cloud. Amount. Total. 0-9 (12)	Cloud. Amount. Low. A. 0-9 (13)	Cloud. Amount. Low. B. 0-9 (14)	Height of Base Hundreds of feet. A. (15)	Height of Base Hundreds of feet. B. (16)
1	Kaw	97.5	+4	W	2	IS_0	35	32	5	5	-	-	8	8	-	18	-
	Croydon	97.6	+6	WSW	4	Sh	35	31	5	5	-	-	8	3	8	18	25
	S. Farnborough	97.3	+8	W	4	Ss	35	33	4	8	2	-	8	3	5	8	15
	Boscombe Down	99.6	+16	W	4	bc	36	31	6	3	-	-	4	4	-	25	-
	Calshot	99.7	+12	WSW	4	bc	39	32	7	7	7	-	4	4	4	12	15
	Tangmere	97.2	-8	NW	3	c-bc	37	33	7	5	-	-	5	4	4	10	25
	Lympne	97.3	-4	SW	2	c-bc	39	32	7	2	6	-	5	2	4	20	-
	Manston	97.7	+4	WSW	2	c-bc	38	29	7	2	6	3	5	2	3	25	-
2	Shoeburyness	98.2	+18	WNW	2	Z_0	39	31	6	-	9	-	7	7	-	-	-
	Felixstowe	97.6	+14	WNW	4	m_0	37	32	6	1	-	2	4	3	4	15	-
	Gorleston	97.2	+18	WNW	3	bc/s	37	32	5	5	4	2	4	3	3	8	72
	Mildenhall	97.6	+14	W'N	1	m_0	34	31	6	5	3	-	7	4	4	30	-
	West Raynham	97.3	+18	W	2	m_0	35	32	6	8	-	-	6	4	6	20	40
	Waddington	97.9	+22	SW	2	c-bcf	33	28	3	5	-	-	5	5	-	25	-
3	Cranfield	97.7	+16	W	2	IS_0	32	30	6	5	3	-	5	5	-	30	-
	Honiley	98.6	+26	-	0	m	32	32	4	5	-	-	7	8	-	15	-
4	Little Rissington	98.5	+30	WNW	3	m_0	32	31	6	8	6	-	5	4	3	8	25
	Defford	99.1	+26	WNW	3	c	36	32	7	5	-	-	7	6	-	25	-
5	Bristol	00.0	+26	WNW	4	c	36	35	7	5	-	3	7	4	5	6	40
	Hartland Point	01.3	+22	NW	4	c-bc	42	33	8	3	-	-	6	5	-	25	-
	Yeovilton																
	Portland Bill	00.4	+8	NW	6	bc	43	32	7	1	-	-	4	4	-	10	-
	Exeter	01.3	+18	NW	4	bc	42	32	8	8	3	9	4	3	6	30	-
	Plymouth	02.0	+16	NNE	3	prs$_0$	40	35	7	9	6	-	5	5	5	10	25
	St. Eval	03.3	+18	NW	4	c-bc/ph	42	32	8	5	-	-	5	5	-	15	-
	Lizard	04.0	+18	NW'N	4	c-bc/ph	41	39	8	2	3	-	5	5	-	20	-
	Guernsey	02.6	+10	NW	7	c/ph	43	34	8	8	6	3	6	4	5	12	25
	Scilly, St. Marys	04.9	+16	WNW	5	bc/p	45	39	8	3	-	-	4	4	-	14	-
6	Fairwood	00.6	+14	NW	4	b-bc	40	33	8	3	-	-	3	3	-	20	-
	Pembroke	01.7	+18	WNW	6	bcq	41	38	7	8	-	-	4	4	-	20	-
	Aberporth	00.8	+22	NNW	4	c-bc/pr	40	32	8	8	-	-	5	4	4	20	40
7	Holyhead (Valley)	99.8	+26	NW	3	pr_0	41	37	7	8	-	-	7	4	7	10	25
	Hawarden	99.6	+26	N	2	m_0	36	33	7	5	-	-	3	3	-	38	-
8	Manchester	98.5	+22	NW	1	bcf	32	32	3	-	3	-	4	4	-	-	-
	Squires Gate	99.5	+30	NNE	2	bf	36	32	3	-	-	-	4	4	0	-	-
	Carlisle	99.6	+22	-	0	F	27	26	1	-	-	-	9	9	-	0	-
9	Finningley	97.8	+22	N	1	m	32	31	4	5	3	-	4	3	4	51	-
10	Spurn Head	97.4	+22	WSW	2	m_0	36	32	6	8	-	-	6	1	-	8	-
	Leeming	98.1	+16	NW	1	Z_0	35	27	5	5	3	1	6	2	4	-	-
	Tynemouth	99.7	+32	W	2	Z_0	31	24	5	8	3	-	4	4	3	18	72
11	Acklington	97.7	+16	W	2	bc	32	26	8	8	-	-	4	3	4	25	40
	St. Abb's Head	97.7	+18	W	3	Z_0	36	27	6	7	-	-	5	5	-	20	-
	Leuchars	98.1	+10	W	2	m_0	31	28	6	7	-	-	4	4	-	-	-
	Bell Rock	97.8	+16	W'N	4	c-bc	37	32	8	2	4	6	5	3	-	25	-
12	Renfrew	98.5	+2	-	0	F	30	30	1	-	-	-	9	9	-	0	-
	Prestwick	98.3	+8	SE	3	c-bc	32	30	8	8	-	2	5	2	5	25	40
	Wigtown	00.2	+12	WNW	2	c-bc	27	26	8	58	3	-	5	3	5	25	40
	Eskdalemuir	99.6	+12	-	0	bc	23	20	8	-	4	6	4	1	4	628	-
	Point of Ayre	99.5	+24	W	1	C	42	37	8	8	-	6	7	1	1	20	25
13A	Tiree	98.0	+14	NW	3	C	39	29	8	3	7	-	7	4	4	15	-
	Benbecula	96.7	+22	NNW	4	pr_0	39	36	7	3	-	-	5	5	-	8	-
13B	Stornoway	94.4	+18	WNW	5	C	39	34	8	3	3	-	6	4	4	20	-
	Cape Wrath	93.4	-4	S	5	phr	35	32	8	3	-	-	6	6	-	20	-
15	Dalwhinnie																
	Aberdeen	97.1	+10	NW	1	cf	24	21	3	2	-	-	7	3	1	7	15
	Rattray	96.0	+10	NW	2	b-bc	31	27	8	5	-	-	7	3	-	35	-
	Lossiemouth	96.7	+2	S	3	c-bc	32	30	8	5	7	-	5	4	4	-	-
	Wick	95.9	+6	SSE	1	C	36	33	8	5	-	2	6	1	1	25	40
16	Hatston	95.9	+4	S	2	c-bc	38	28	8	5	3	8	5	3	1	25	-
	Lerwick	96.3	+6	ENE	3	b-bc	37	27	8	6	-	1	3	2	3	28	40
17	Blacksod Point †	04.2	+26	NW	5	c-bc	40	32	8	9	-	-	5	5	-	8	-
18	Malin Head †	98.8	+22	NW'N	5	c-bc	42	27	8	2	-	-	5	5	-	25	-
	Aldergrove †	00.0	+22	W	3	c/ps	34	29	7	5	-	-	7	5	7	6	25
	Cas Archdale	01.4	+22	WNW	5	c-bc/p	37	33	8	3	6	9	5	3	4	22	-
19	Birr Castle †	03.6	+16	WNW	1	b-bc	37	33	8	7	-	3	5	3	-	0	-
	Collinstown †	02.3	+24	WNW	4	C	34	32	7	7	-	-	7	7	-	12	-
20	Rineanna †	05.5	+22	NW'W	3	c-bc	39	31	9	8	6	3	5	3	-	40	-
	Valentia †	07.1	+22	NW'N	4	C	42	31	8	3	6	3	6	4	-	21	-
	Roches Point †	05.4	+20	NW	4	b-bc	40	38	8	3	-	3	3	2	-	15	-

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

Distance	Stations	Barom. at M.S.L. mb. (17)	Change in 3 hours. (18)	Wind. Direc. (19)	Wind. Force. (20)	Weather. (21)	Temp. °F. (22)	Dew Point. °F. (23)	Visibility. 0-9 (24)	Cloud. Form. Low. (25)	Cloud. Form. Med. (26)	Cloud. Form. High. (27)	Cloud. Amount. Total. 0-9 (28)	Cloud. Amount. Low. A. 0-9 (29)	Cloud. Amount. Low. B. 0-9 (30)	Height of Base Hundreds of feet. A. (31)	Height of Base Hundreds of feet. B. (32)	12h. State of Ground. 0-9 (33)
1	Kaw	03.4	+30	NW	2	m	34	31	4	5	-	-	4	4	-	21	-	1
	Croydon	03.1	+30	W	3	f	32	30	3	-	-	-	0	0	0	-	-	3
	S. Farnborough	03.1	+20	W'S	2	m_0	35	32	6	5	-	-	8	8	-	24	-	3
	Boscombe Down	03.9	+28	W'N	2	m_0	36	32	6	5	-	-	4	4	-	22	-	1
	Calshot	03.9	+24	W	3	bc	37	33	7	4	3	-	4	4	4	20	-	0
	Tangmere	03.2	+26	WNW	2	m_0	34	32	6	-	-	-	0	0	0	-	-	3
	Lympne	01.3	+26	N'W	3	c/d	33	32	5	5	-	-	8	4	7	07	15	1
	Manston	01.7	+34	NNW	4	c/r	35	33	6	8	-	-	8	4	6	10	15	0
2	Shoeburyness	02.0	+28	NW'N	2	m_0	34	30	6	5	-	-	8	8	-	15	-	3
	Felixstowe	01.5	+28	NW'N	4	m_0	33	31	6	5	3	-	2	1	2	20	-	0
	Gorleston	01.9	+32	NW	2	m_0	35	32	6	-	-	-	0	0	0	-	-	0
	Mildenhall	02.5	+26	W	1	m	31	30	4	5	-	-	3	3	-	25	-	3
	West Raynham	01.8	+26	-	0	m	31	31	4	5	7	-	5	4	4	25	-	0
	Waddington	02.5	+24	WNW	2	f	31	31	3	-	-	-	0	0	0	-	-	3
3	Cranfield	03.0	+26	W	2	m_0	33	29	6	5	-	-	5	5	-	18	-	0
	Honiley	03.2	+30	-	0	F	30	30	1	-	-	-	9	9	-	0	-	8
4	Little Rissington	03.2	+26	NNW	3	m_0	33	31	6	5	-	-	4	4	4	12	15	3
	Defford	03.5	+22	NW	1	b	30	29	7	5	-	-	1	1	-	30	-	1
5	Bristol	04.0	+30	WNW	1	m_0	33	31	6	4	-	-	1	1	-	45	-	1
	Hartland Point	05.5	+20	NW	4	bc	42	28	8	2	-	-	4	4	-	-	-	1
	Yeovilton																	
	Portland Bill	03.2	+18	NW	4	c-bc	42	34	7	2	-	-	5	5	-	10	-	1
	Exeter	05.6	+24	NW'N	4	bc	39	36	4	3	6	-	4	4	1	26	-	1
	Plymouth	06.1	+30	NW	2	b-bc	41	32	7	2	-	-	3	3	-	20	-	1
	St. Eval	07.9	+28	NW	6	cph6	42	31	8	2	-	-	5	5	-	20	-	1
	Lizard	07.3	+22	N'W	4	pc	40	36	8	2	-	-	4	4	-	25	-	1
	Guernsey	06.0	+24	NW	6	b-bc	42	28	8	1	6	-	3	2	3	12	25	1
	Scilly, St. Marys	08.6	+26	NW'N	5	bc	43	36	9	8	-	-	4	4	-	-	-	1
6	Fairwood	05.1	+22	NW	3	bc	35	34	7	8	-	3	4	4	2	10	15	1
	Pembroke	05.2	+16	WNW	6	c-bcq	42	37	7	8	-	-	5	5	-	25	-	1
	Aberporth	04.9	+26	NW	4	c-bc	40	32	7	2	-	-	5	5	3	20	40	1
7	Holyhead (Valley)	03.9	+22	NW	4	bc	39	36	7	8	-	-	4	4	-	20	-	0
	Hawarden	03.2	+16	S	2	m_0	31	30	5	5	-	-	5	5	-	35	-	6
8	Manchester	02.8	+22	S	2	F	27	27	4	-	-	-	9	9	-	0	-	8
	Squires Gate	02.6	+26	ESE	2	m	28	27	4	5	-	-	4	4	-	25	-	5
	Carlisle	01.5	+12	-	0	f	27	26	3	5	-	-	8	8	-	30	-	4
9	Finningley	02.1	+22	WNW	1	m	28	27	4	-	4	-	1	1	-	-	-	4
10	Spurn Head	01.7	+26	NW	2	m_0	37	37	5	-	-	-	0	0	-	-	-	4
	Leeming	01.9	+18	WSW	2	b	28	21	5	8	-	-	2	2	-	30	-	4
	Tynemouth	01.5	+16	W	2	m	32	23	4	5	-	-	4	4	-	18	-	7
11	Acklington	00.2	+12	W'S	3	b	27	25	7	5	6	-	2	1	2	25	-	8
	St. Abb's Head	98.6	+8	W	3	Z_0	34	25	7	6	4	-	4	1	2	20	-	4
	Leuchars	98.8	+12	WNW	3	m	30	30	4	-	-	-	0	0	0	-	-	5
	Bell Rock	98.6	+6	W'S	5	b-bc	37	31	7	-	3	-	3	-	-	-	-	*
12	Renfrew	00.1	+14	W	1	m	33	32	4	-	-	-	0	0	0	-	-	3
	Prestwick	00.5	+16	W'N	4	bc	39	35	7	3	-	-	4	3	3	20	25	1
	Wigtown	02.1	+10	-	0	m_0	32	31	6	5	-	-	7	3	6	15	25	4
	Eskdalemuir	00.9	+8	-	0	m_0	27	27	6	5	-	7	8	1	8	29	-	81"
	Point of Ayre	01.8	+20	W'N	3	C	39	36	8	3	7	-	6	4	6	15	-	0
13A	Tiree	01.1	+20	W	2	PH	37	32	7	3	-	-	7	7	-	10	-	4
	Benbecula	00.4	+22	NNW	4	bc	40	26	8	8	-	2	4	1	2	24	40	1
13B	Stornoway	98.4	+20	NW	5	bc	36	28	7	3	-	-	4	4	-	15	-	3
	Cape Wrath	94.9	+10	W	5	bc	40	26	8	2	-	-	4	4	-	20	-	1
15	Dalwhinnie	99.0	+6	SW	1	c-bc	29	28	7	5	-	-	5	5	-	12	-	71"
	Aberdeen	98.0	+8	WNW	2	f	30	25	3	5	7	7	7	2	4	57	-	72"
	Rattray	96.9	+2	W	2	c	31	27	7	5	7	-	8	8	-	25	-	4
	Lossiemouth	98.0	+14	WSW	4	c-bc	39	32	7	5	7	-	5	3	4	20	-	3
	Wick	95.7	+2	S	2	ld$_0$	34	33	8	5	-	-	6	6	-	17	-	1
16	Hatston	95.9	+4	SSW	3	b	33	31	8	5	-	-	2	2	-	25	-	1
	Lerwick	96.7	+6	-	0	b-bc	33	28	8	5	-	-	3	3	-	25	-	42
17	Blacksod Point †	06.7	+16	NW	4	bc	39	31	8	8	-	-	4	4	-	08	-	2
18	Malin Head †	01.9	+22	NW	4	pr$_0$	38	30	8	9	-	-	4	4	-	25	-	4
	Aldergrove †	03.6	+22	W	3	b	32	30	8	3	-	-	2	1	1	10	40	4
	Cas Archdale	05.1	+16	WSW	2	bc/ps	33	30	8	3	-	-	4	4	-	25	-	4
19	Birr Castle †	06.8	+20	SSW	1	b	30	28	8	-	-	-	0	0	-	-	-	7
	Collinstown †	05.8	+18	W	4	b	31	29	8	-	6	3	3	2	-	30	-	3
20	Rineanna †	08.7	+18	W'N	3	b	38	34	9	-	-	3	3	2	-	38	-	1
	Valentia †	09.9	+14	WNW	1	phr	42	34	8	-	-	-	7	7	-	21	-	1
	Roches Point †	08.9	+22	NW	3	b-bc	39	35	8	3	-	-	3	3	-	15	-	1

OBSERVATIONS during DAY (30th)

Distance	Stations	Weather. 00h.-12h. (34)	Weather. 12h.-18h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine Hrs. (37)	Rain 09h.-21h. ins. (38)
1	Kaw	$cs_0s_0is_0m_0$	bccm$_0$x	37	0·6	0·2
	Croydon	$0z_0cz_0ps_0$	$Sh_0m_0r_0s_0$-bf	37	1·1	0·5
	S. Farnborough	bzCpSm_0s_0m	CSSmCm$_0$	36	0·0	0·2
	Boscombe Down	bpScbc	bcbCm$_0$	38	2·2	0·4
	Calshot	bxbcpr	bccCm$_0$		3·7	TR
	Tangmere	bbm$_0$xi_0c	Cbm$_0$	38	2·8	TR
	Lympne	bxbbc	bccm$_0$SSfCm$_0$	40	3·5	0·2
	Manston	bc	Cf$_0$Cm$_0$	40	3·6	TR
2	Shoeburyness	Cz_0	$eps_0m_0om_0$	41	2·1	0·1
	Felixstowe	$bCzCm_0bCm_0$	bm_0bCm_0x	38	2·3	-
	Gorleston	bCS_0mzbCz_0	CbZ$_0$	37	2·9	TR
	Mildenhall	CbCCm$_0$	Cm$_0$bCm	35	1·8	-
	West Raynham	bCm$_0$Cm$_0$	Cm_0bCm_0Cm	35	2·3	-
	Waddington	$bm_0bmxvcfx$	CfCmCfbfx	34	0·4	TR
3	Cranfield	bcci_0Sm_0	CS_0bCCm_0	35	1·7	0·2
	Honiley	aSSfombCom	OMoF	34	0·3	TR
4	Little Rissington	CpSCm$_0$	Cm$_0$Cbc	34	1·0	0·4
5	Bristol	CCpShm$_0$bCC	CbCb	38	2·5	0·1
	Hartland Point	CphqbCxC	pCbCsxm$_0$	41	1·8	TR
	Yeovilton	phrbCC	pC	43	2·9	0·4
	Portland Bill	prbc	bCC	44	*	-
	Exeter	bCqbC	CprSbbC	43	5·2	0·5
	Plymouth	bCCprS	CbCbCpr$_0$bC	44	3·5	1
	St. Eval	CbCphajppho	bCph$_0$jppr$_0$	44	3·0	0·6
	Lizard	bCphrC	CbrbC	44	4·1	0·5
	Guernsey	pr	bC	45	2·5	2
	Scilly, St. Marys	phrqbC	phrpC	46	2·8	1
6	Fairwood	bCCb	Cph$_0$bC	41	3·9	2
	Pembroke	bCqpr$_0$bCq	bCq	44	4·0	-
	Aberporth	Cpr$_0$C	C	41	1·5	1
7	Holyhead (Valley)	CCphrprC	CCjp	41	*2	1
	Hawarden	bCbCm$_0$	Cm_0bCm_0x	37	2·9	1
8	Manchester	OfsSoboCf	bCFoF	32	0·0	0·1
	Squires Gate	bCmffb	bffmbCm$_0$bCm	37	3·3	1
	Carlisle	FFx	bCmfbCmCm	28	··	0·2
9	Finningley	bm$_0$CfbCm	bCmbm$_0$bm	35	1·8	TR
10	Spurn Head	Cm$_0$	bm$_0$	38	0·0	-
	Leeming	Cm$_0$bCb m$_0$	b	37	..	-
	Tynemouth	bCm$_0$	bCmmbCm	35	*	-
11	Acklington	bC	bCCbCb	36	2·4	-
	St. Abb's Head	Cm$_0$	CSObCSO	39	*	-
	Leuchars	bC	bCm$_0$	33	0·5	-
	Bell Rock	bC	bC	*	*	*
12	Renfrew	bCCofx	off1S$_0$C	36	0·0	0·3
	Prestwick	Cm$_0$xC	Cf$_0$S$_0$bC	40	*	0·2
	Wigtown	bbCC	Cl$_5$$_0$C	35	*	3
	Eskdalemuir	bCxoC	bCCS$_0$S$_0$	29	3·0	TR
	Point of Ayre	C	bph	43	3·4	0·2
13A	Tiree	CCrsph$_0$r$_0$C	CCpH	40	0·2	5
	Benbecula	Cpr$_0$	Cpr$_0$phrbCy	40	*	0·5
13B	Stornoway	bCCr$_0$C	CCpr$_0$bC	40	0·3	4
	Cape Wrath	Cphr	bC	42	*	5
15	Dalwhinnie		C	32	0·0	-
	Aberdeen	bbCff	Cff	34	1·0	-
	Rattray	bCbC	bCC	38	*	0·1
	Lossiemouth	CbCr	CS$_0$S$_0$C	36	0·3	-
	Wick	Cbcc	CbCCld$_0$	36	2·2	1
16	Hatston	CbCc	CbCb	40	1·6	1
	Lerwick	CxCpShx	Cbx	38	2·5	TR
17	Blacksod Point †	C	bC	41	*	2
18	Malin Head †	bC	pr	43	0·8	3
	Aldergrove †	bCxps$_0$fCm$_0$C	bCbC	37	1·8	1
	Cas Archdale	Cpr$_0$CbC	CCCjrCrS	37	3·3	1
19	Birr Castle †	bC	b	37	4·0	-
	Collinstown †	C	bC	35	3·9	-
20	Rineanna †	bC	pr	43	4·4	0·5
	Valentia †	C	pr	45	2·6	3
	Roches Point †	bC	bC	42	*	0·4

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

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

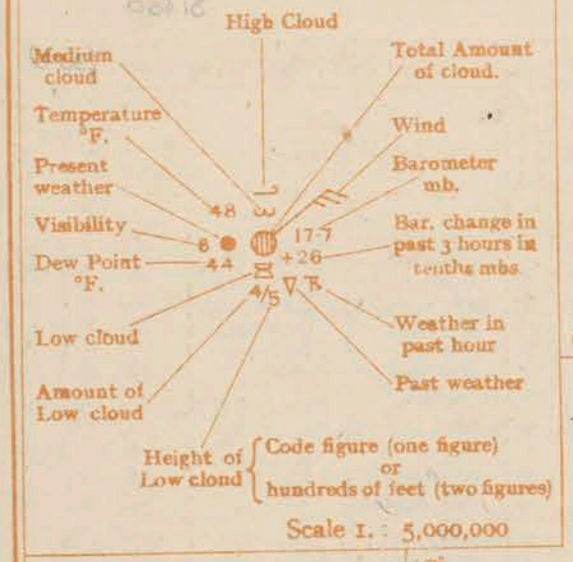
Columns 13, 14, 15; 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

* Information not usually received.

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

STATION MODEL



6h Wednesday 31st. December 1947 — 1947

LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 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 ...	$C_5 S_6 I_5 S_8 M_0$	$b c c m_0 x$	$b c b m x$	37	32	18	0·2	TR	0·6	*	*
Croydon ...	$b_2 o C_2 o P_5 o S_8 h M_0 / S_0 b f$		$b f c b m x$	37	26	20	0·5	TR	1·1	97	75
Greenwich ...	$C S f r s b$	$S C b m$	$b c s b f$	36	29	19	0·8	0·5	–	87	92
Westminster	*	*	*	40	28	22	0·7		*	88	93
Regents Park	*	*	*	35	29	21	1·2	0·5		90	94
Camden Square	C	C	*	36	31	23	0·8	0·3	*	*	91
Kensington ...	$b c e f b c$	$c b c c S$	*	36	30	18	0·8	TR	*		86
Hampstead ...	$O 8 x$	$b c x$	$o s b c x$	33	27	19	0·6	0·2		*	93

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

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

GENERAL INFERENCE

Ridge of high pressure west of the British Isles is moving east and a deep complex depression about 800 miles West of Scotland is also moving east. It will be mainly fair and cold in all districts at first apart from scattered rain showers in western districts of England and Wales and occasional wintry showers over Scotland, but cloudy weather with occasional rain will spread across Ireland tonight and into the west of Great Britain tomorrow morning, and may reach eastern districts by mid-day. It will become mild generally.

FURTHER OUTLOOK

Mild generally with occasional rain or drizzle in western coastal districts and more general rain in the north.

Chart of Weather in the Northern Hemisphere.

Morning of

Wednesday 31st December

1947

Clark's Projection Scale 1 : 4 × 10⁷ along meridian

Statute Miles 0 1 2 3 4

EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

FRONTS or boundaries between masses of air of different origin are indicated, wherever their character-istics 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 on 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.

Identifying letters are inserted on fronts in systems

All times are G.M.T.

BRITISH SECTION

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 31st December 1947

No 31450

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

OBSERVATIONS at 06hr. G.M.T. 31st December.

9 h. OBSERVATIONS Tuesday NIGHT

District	Stations.	Height above M.S.L. in feet.	00hr. Barom. at M.S.L. mb. (1)	00hr. Change in 3 hours. (2)	00hr. Wind. Direc. (3)	00hr. Wind. Force (4)	00hr. Weather. (5)	00hr. Temp. °F. (6)	00hr. Dew Point °F. (7)	00hr. Visibility. (8)	00hr. Cloud. Form. Low. (9a)	00hr. Cloud. Form. Med. (9b)	00hr. Cloud. Form. High. (9c)	00hr. Cloud. Amount. Total. (10a)	00hr. Cloud. Amount. Low. A. (10b)	00hr. Cloud. Amount. Low. B. (10c)	00hr. Height of Base Hundreds of feet. A. (11a)	00hr. Height of Base Hundreds of feet. B. (11b)	06hr. Barom. at M.S.L. mb. (12)	06hr. Change in 3 hours. (13)	06hr. Wind. Direc. (29)	06hr. Wind. Force. (30)	06hr. Weather. (21)	06hr. Temp. °F. (22)	06hr. Dew Point °F. (23)	06hr. Visibility. (24)	06hr. Cloud. Form. Low. (24a)	06hr. Cloud. Form. Med. (24b)	06hr. Cloud. Form. High. (24c)	06hr. Cloud. Amount. Total. (25a)	06hr. Cloud. Amount. Low. A. (25b)	06hr. Cloud. Amount. Low. B. (25c)	06hr. Height of Base Hundreds of feet. A. (26a)	06hr. Height of Base Hundreds of feet. B. (26b)	State of Ground ++ (31)	9h. Weather. 18h.–00h. (39)	9h. Weather. 00h.–06h. (40)	Temperature 21h.–09h. Min. °F. (42)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
1	Kew	16	*	*	*	*	*	32	*	*	*	*	*	*	*	*	*	*	1200	+18	SW's	2	mo	33	30	6	-	-	-	0	0	0	-	-	3	bcbmx	bmoMx	27	32	18
	Croydon	217	08·1	-22	SW	3	bf-	29	28	.3	-	-	-	0	0	0	-	-	1200	+18	WSW	2	mo	31	29	6	-	-	-	0	0	0	-	-	5	bf	bf cbmx	26	20	
	S. Farnborough	226	08·2	+22	SW'W	2	mo	27	25	6	-	-	-	0	0	0	-	-	1204	+16	SWW	3	mo	30	29	6	-	-	-	0	0	0	-	-	3	cmo bmo	bmoX	26	16	
	Boscombe Down	417	08·9	+24	W	3	mo	32	31	6	5	-	-	3	3	-	28	-	1207	+16	WSW	3	mo	29	28	6	-	-	-	0	0	0	-	-	0	bcmox	bcb moX	27	20	
	Calshot	8	08·9	+20	WNW	2	b	33	31	7	-	4	-	2	2	-	-	-	1303	+20	-	0	b	32	32	7	-	-	-	0	0	0	-	-	0	bcb	bmob	31	29	
	Tangmere	53	07·9	+22	-	0	mo	30	29	6	-	-	-	0	0	0	-	-	1204	+22	NW	2	mo	32	30	6	-	-	-	0	0	0	-	-	3	bcmobx	cmoXb.	30	26	
	Lympne	341	06·8	+20	NW	3	bf+	30	28	3	-	-	-	0	0	0	-	-	1103	+16	NW	3	bf	28	28	3	-	-	-	0	0	0	-	-	1	bmoxbfx	bcfiso	27	22	
	Manston	140	07·3	+26	NW	3	m	35	34	4	5	-	-	6	6	-	30		1008	+20	WS	3	c-bc/s	33	31	4	5	-	-	5	5	1	25	-	0		bcfiso	29	25	
2	Shoeburyness	17																	1100	+18	W	2	bc	32	29	5	5	-	-	4	4	-	35	-	3	cmo	cbCmo	27	14	
	Felixstowe	10	06·5	+22	MNW	3	mo	33	31	6	-	-	-	0	0	0	-	-	0908	+12	W'N	3	mo	32	30	6	5	-	-	6	3	6	15	15	0	bmox	bmoXbf	29	2C	
	Gorleston	5	06·7	+24	NW	3	mo	33	31	6	5	4	2	4	3	3	20	72	0908	+2	W	3	f-	31	30	3	5	-	-	8	8	-	1	-	3	bzobczex	cfxOfx	29		
	Mildenhall	15	06·7	+16	WSW	1	cf+	28	28	2	-	-	-	9	9	-	0	-	0909	+14	WSW	2	m	30	29	4	5	-	-	4	4	-	30	-	3	bmxof	cFbcm	27	22	
	West Raynham	250	06·1	+20	WSW	2	f	29	29	0	-	-	-	9	9	-	0	-	0908	+10	WSW	3	bcf-	29	29	3	5	-	-	4	4	-	20	-	3	cbcfaF	CFxOfx	26	25	
	Waddington	235	06·1	+18	SW'W	4	bcf	26	25	3	5	-	-	4	4	-	40	-	0908	+14	WSW	3	bbc/f	29	28	4	5	-	-	3	3	-	30	-	8	bcfx	cpSpOfx	25	20	
3	Cranfield	340	07·2	+18	WSW	2	F	27	27	1	-	-	-	9	9	-	0	-	1007	+14	SW'W	3	mo	26	25	6	-	-	-	0	0	0	-	-	4	cmobmoaF	OfbcmO	24	..	
	Honiley	427	07·2	+18	-	0	bcf	29	28	3	-	7	-	4	4	-	-	-	1003	+14	WSW	3	mo	19	26	6	-	-	-	0	0	0	-	-	8	oFisobcf	bcfbcix	19	15	
4	Little Rissington	731	08·0	+22	WNW	3	bc	32	29	7	5	-	-	4	4	-	30	-	1104	+14	W	3	b	30	28	8	-	-	-	0	0	0	-	-	3	bcmoxcbc	bc xb	30	28	
	Defford	58	08·1	+20	WSW	1	b	29	28	7	-	4	1	2	2	1	-	-	1102	+12	SW	2	b	29	26	7	-	-	-	0	0	0	-	-	3	cmobcmo	bx	26	16	
5	Bristol	209	09·4	+26	W	2	prs	34	33	7	3	6	3	6	5	2	18	-	1205	+10	-	0	b	31	29	7	-	-	-	0	0	0	-	-	5	bccplosmox	cprsobf	29	19	0·1
	Hartland Point	199	10·4	+24	NW	4	bc	42	36	8	1	-	-	4	4	-	-	-	1208	+14	WNW	3	bc	43	31	8	1	c	-	4	4	-	-	-	3	bcy	bc	41	39	
	Yeovilton	50																																			23	18	
	Portland Bill	32	08·7	+28	NE'N	5	zo	41	33	6	1	-	-	4	4	-	10	-	1207	+26	NW	4	bc	42	38	6	1	-	-	4	4	-	20	-	1	cc	bcbc	40		-
	Exeter	100	10·9	+26	WNW	1	c-bc	33	31	8	7	-	5	5	4	5	30	-	1405	+10	SSE	2	bcjf	30	25	6	5	-	2	4	3	4	35	-	3	bcx	bccbcxjf	27	17	
	Plymouth	86	11·2	+22	WNW	1	b	39	31	7	-	-	-	0	0	0	-	-	1407	+12	-	0	nio	34	30	6	5	-	-	3	5	5	20	-	1	bcprsb	bbccmo	33	26	0·2
	St. Eval	345	12·5	+24	NW	4	bc	41	31	8	2	-	-	4	4	-	20	-	1407	+8	WNW	3	c-bc	42	34	9	2	-	-	5	5	-	15	-	1	cphobc	bc	40	35	0·1
	Lizard	240	11·7	+24	NW	4	bc	43	33	8	2	-	-	4	4	-	25	-	1405	+14	NW'N	2	bc	43	38	8	2	-	-	4	4	-	15	-	1	bcy	pc	38	•	0·3
	Guernsey	340	11·6	+34	NW	6	c-bc	42	28	8	2	-	-	5	3	5	15	25	1508	+24	NW'N	3	bbc	40	31	6	-	-	-	3	3	-	25	-	1	cbc	bc	37	31	-
	Scilly, St. Marys	163	12·7	+4	NW	4	bc/pr	41	39	9	8	-	-	4	4	-	-	-	1405	+6	W	5	bc/phr	44	39	9	8	-	-	4	4	-	-	-	1	bcpbc	phrbc	41	•	1
6	Fairwood	268	10·6	+24	NNW	3	b	35	31	7	8	-	-	1	1	-	14	-	1307	+10	NNW	3	b·bc	32	29	7	7	-	-	3	3	3	20	40	3	bcb.bx	bx	29	19	
	Pembroke	142	10·4	+20	NW	5	bbcq	42	34	7	1	-	-	3	3	-	25	-	1208	+10	W'N	4	pc	44	39	7	2	-	-	4	4	-	30	-	3	bcq bcq	bcq	40	•	-
	Aberporth	425	09·4	+22	NW	4	bc	40	31	9	2	-	-	4	4	-	25	-	1208	+12	W'N	3	bc	39	31	9	2	-	6	4	2	4	25	-	1	bc	bcbbc	36	30	
7	Holyhead (Valley)	32	07·9	+14	NW	4	c-bc	39	36	8	8	-	-	5	5	-	20	-	1005	+10	WNW	3	c	40	34	8	8	3	-	6	3	6	20	-	0	bc	dbcc	32	31	0·6
	Hawarden	15	07·8	+16	N	2	bc	36	33	7	3	6	-	4	3	3	20	-	1008	+10	W	4	b·bc	36	31	7	6	-	-	3	2	3	21	-	0 2"	bcmocirs	bc	34	30	0·7
8	Manchester	230	06·4	+16	S+	2	f	28	28	2	-	-	-	9	9	-	0	-	0909	+18	S	3	mo	31	31	6	4	-	-	4	4	3	30	-	1	oFpsobcf	Ofbcfbmo	25	22	
	Squires Gate	33	05·6	+14	W	5	bc	39	31	9	3	6	-	4	4	3	25	-	0805	+12	WNW	4	bc	39	31	8	2	3	3	3	3	-	25	-	5	bcmprph	bc	34	22	2
	Carlisle	100	03·9	+16	-	0	m	25	23	4	5	-	-	4	4	-	35	-	0707	+12	-	0	b·bcf	21	19	2	5	-	-	3	3	-	35	-	4 1"	cfisocmb	bcmxbff	24	20	-
9	Finningley	28	05·0	+14	SW	1	cf+	30	24	3	5	7	-	6	3	6	40	-	0808	+12	SW	1	m	28	27	4	1	-	-	0	0	0	-	-	4	bmcf	cfbfm	25	17	
10	Spurn Head	29	05·1	+14	W/S	2	mo	32	32	5	5	-	-	4	3	-	-	-	0707	+14	W	5	m	33	33	4	1	-	-	0	0	0	-	-	3	cmo	bm	32	•	
	Leeming	105	04·2	+10	S	2	mo	29	26	6	7	-	-	8	8	-	-	-	0704	+10	SW	2	b	30	27	7	1	-	-	0	0	0	-	-	4	bbcc	cmobmx	28	21	
	Tynemouth	108	02·3	+14	W	2	c-bc	33	29	7	8	-	-	5	5	-	18	-	0601	+14	W	2	bc	31	27	7	5	-	-	4	4	-	18	-	8	bcmc	dbc	30	29	
	Acklington	138	02·2	+16	W/S	3	c-bc	32	29	7	-	5	-	5	5	-	-	-	0506	+16	WN	3	b	28	25	7	1	-	-	0	0	0	-	-	8	bbcmoc	dbcb	27	22	
11	St. Abb's Head	280	00·1	+8	WIN	4	mo	36	29	6	4	-	-	4	4	-	18	-	0406	+16	W'N	4	zo	35	33	6	2	-	-	3	1	-	25	-	4	bcmo	bcmo	28	•	
	Leuchars	31	02·3	+20	WSW	1	mo	30	28	6	5	7	-	3	3	1	30	-	0505	+12	-	0	b	28	26	7	4	-	4	2	1	-	25	-	5	bmxbcmo	bmoCb	25	18	
	Bell Rock	—	01·0	+12	WNW	4	c	36	30	8	9	-	-	7	7	-	25	-	0306	+26	WNW	4	bc	36	27	8	4	-	4	3	1	4	15	-	5	bcc	ebc	•	•	
12	Renfrew	35	03·7	+20	W	2	mo	33	29	6	5	-	-	4	4	-	40	-	0603	+10	-	0	bc	28	27	7	5	5	-	4	3	4	40	-	4	bcmo	bbc	25	20	
	Prestwick	30	04·0	+16	NNW	1	bb/s	34	32	8	2	6	1	3	3	1	25	25	0608	+4	-	0	c-bc	31	30	8	1	3	1	5	3	4	20	-	5	cbcpres	cbcsobcx	29	26	
	Wigtown	19	05·8	+18	W	2	b-bc	33	32	8	1	-	1	3	2	2	25	-	0807	+14	-	0	cbc	26	23	8	5	5	5	5	3	5	20	25	4	cbcpsob	bccSoSbc	25	21	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0701	+24	S'W	2	c-bc	29	27	6	5	5	5	5	2	1	22	-	81"	CSoSobcc	cx	23	x	
	Point of Ayre	30	05·3	+18	NW'W	5	bcjp	38	34	8	3	-	-	4	2	2	18	25	0707	+20	WNW	3	c-bc	39	34	8	2	3	-	5	2	3	15	15	1	bc	N1x bcc	37	37	
13A	Tiree	44	04·3	+14	-	0	bc	35	31	8	8	-	-	4	4	-	20	-	0308	+6	S	1	c	36	30	8	3	6	3	7	5	3	15	-	4	cpthbcx	bcxprsbc	29	20	1
	Benbecula	27	03·2	+14	NW	4	b-bc	36	30	8	3	-	3	3	3	1	18	-	0301	+6	SW	2	rs	35	32	8	5	2	7	8	4	8	22	-	3	bcphobc	bcc6so	3	21	0·3
13B	Stornoway	12	01·4	+12	WNW	4	c-bc	32	29	7	8	6	-	5	4	3	10	28	0202	+2	NW	3	c	30	26	7	5	5	6	6	5	3	20	-	3	cbcpsobc	bcc	27	18	0·1
	Cape Wrath	367	98·4	+10	W	6	bc	36	24	9	3	•	-	4	4	-	25	-	0004	+12	W	5	cbc	33	32	9	3	-	-	5	5	-	25	-	3 81"	bcphr	cphr	31	24	Tr
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	26	06	-
	Aberdeen	79						34											0302	+20	W	3	b	30	23	8	1	-	-	0	0	0	-	-	8	cfbcmo	bcmob	27	22	-
	Rattray	46	97·3	+2	WNW	3	c	34	31	7	5	-	-	6	6	-	35	-	0200	+24	WNW	3	b·bc	30	25	7	5	-	-	3	3	-	30	-	4	ee	pcbc	26	*	-
	Lossiemouth	21	01·2	+12	W	4	b	32	27	8	5	-	-	2	2	-	35	-	0300	+8	WSW	4	bbc	30	26	7	5	-	-	2	2	-	25	-	0	bcbc	bc	27	22	-
	Wick	114	98·3	+20	W	2	pso	31	28	8	2	3	8	4	4	3	30	-	0009	+10	W	3	c·bc/ps	31	29	8	3	-	-	3	3	-	22	-	1	cdoros	bccps	27	22	-
16	Hatston	45	97·1	+14	NW'W	5	c	36	30	7	8	-	7	8	4	8	20	-	9903	+6	WNW	4	bbc	35	26	8	1	-	-	3	3	-	20	-	4	beprsc D	cpsopsbc	34	29	1·5
	Lerwick	269	98·2	-2	WNW	4	c-bc/s	35	33	8	8	-	-	5	5	-	25	-	9606	-2	S	1	c/ps	33	33	7	2	-	-	5	5	-	12	-	8	bx bcphbc	bcycphosk	32	7	0·6
17	Blacksod Point †	18	07·9	+4	NW	3	c-bc	41	33	8	8	-	-	5	5	-	15	-	0707	0	WNW	5	c/pr	41	39	7	3	-	-	7	7	-	5	-	4	cbc	pr	36	*	0·4
18	Malin Head †	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0404	-4	S	2	phq	35	32	8	3	-	-	5	5	-	15	-	4		pr	32	*	Tr
	Aldergrove	294	07·6	+20	WSW	4	bc	32	30	8	5	-	-	4	4	-	25	-	0805	+2	S	3	c/ps	31	29	8	5	-	-	7	7	-	25	-	5A	b	blacpsox	28	25	
	Cas. Archdale	225	07·4	+6	S	1	b-bc	32	32	8	3	6	3	3	3	2	25	-	0706	0	SSW	3	prs	35	33	6	3	-	-	8	8	-	30	-	4	cpscpsobc	bc-cpso	32	29	2
19	Birr Castle †	173	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0905	0	S	1	c·bc	35	35	8	5	-	-	5	5	-	25	-	7		c	25	20	
	Collinstown †	220	09·3	+14	WSW	4	b	28	26	8	-	-	2	0	0	-	-	-	1001	+2	SW'W	3	c	33	29	8	7	-	-	7	4	-	40	-	3	b	c	27	26	0·1
20	Rinennna †	13	10·7	+6	SE'S	2	b	36	32	9	3	-	-	2	2	-	25	-	1105	+6	SW'W	3	prs	40	38	8	6	-	-	7	7	-	26	-	1	b	pr	32	29	2
	Valentia †	30	11·6	+6	WNW	3	bcjp	44	36	8	3	-	-	4	4	-	26	-	1201	-2	W	4	c/pr	45	37	8	3	3	-	7	2	-	21	-	1	bcjp	pr	38	29	4
	Roches Point †	22	11·5	+6	NW	3	b	38	38	8	5	-	-	1	1	-	15	-	1207	0	W'N	1	c	38	38	8	5	1	-	6	6	-	2	-	1	b	pr	33	•	Tr

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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