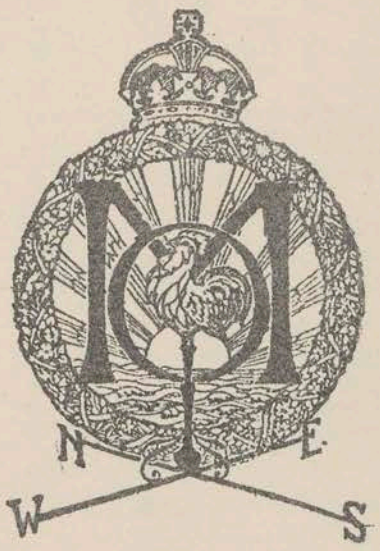
THE DAILY WEATHER REPORT

1st January to 31st March

1955



METEOROLOGICAL OFFICE
LONDON, W.C.2

INTRODUCTION

On 1st January, 1950, the present form of the Daily Weather Report replaced the British and International Sections of the former Report which had been issued in three sections since 1919. The third Section now appears as a separate publication under the name of the Daily Aerological Record. A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the Introduction to the British Section for 1st October to 31st December, 1949.

A selection of ships' reports for each of the main synoptic hours is included along with corresponding reports from a representative number of the Stations in Great Britain and Ireland which provide full reports. On page 2 will be found a weather chart for mid-day of the previous day covering most of the Northern Hemisphere, and on page 3 charts for 1800 h. of the preceding day and for 0000 h. and 0600 h. of the day of issue. By this arrangement the more valuable features of the former British and International Sections have been combined in a single publication.

A number of changes in meteorological codes and specifications were introduced on 1st January, 1955. Appropriate amendments covering these changes have been incorporated in this Introduction and in the footnotes printed on page 1 of the Daily Weather Report.

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

Barometric Tendency—(Columns 6 and 22). The Barometric tendency is expressed in tenths of a millibar.

Code for state of ground (E)—Column 33

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

WIND SPEED AND DIRECTION

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

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

Table (*a*) Wind Speed

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

Table (*b*) Wind Direction

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

Form of Low Cloud* (C_L)—Columns 9 and 25

0 No low cloud.
1 Cumulus with little vertical development.
2 Cumulus of considerable development with or without other cumulus or stratocumulus.
3 Cumulonimbus, tops not cirriform or anvil-shaped; with or without other forms of low cloud.
4 Stratocumulus formed by spreading out of cumulus; cumulus may also be present.
5 Stratocumulus not formed by the spreading out of cumulus.
6 Stratus and/or stratus fractus but not of bad weather.
7 Stratus fractus or cumulus fractus of bad weather ("scud") usually under altostratus or nimbostratus. By "bad weather" is meant the conditions which generally exist before, during or after precipitation.
8 Cumulus together with stratocumulus not formed by the spreading out of cumulus.
9 Cumulonimbus, with cirriform top, often anvil-shaped. Other types of low cloud may be present.
/ or — Low clouds not visible owing to darkness, fog, sandstorm or other phenomena.

* *Abbreviated definitions. For full text see "Handbook of Weather Messages," Part II. M.O.510(b)*

Form of Medium Cloud* (C_M)—Columns 10 and 26

0 No medium cloud.
1 Mainly semi-transparent altostratus through part of which sun or moon are visible.
2 Altostratus, the greatest part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.
3 Mainly semi-transparent altocumulus of unchanging elements; at a single level.
4 Semi-transparent altocumulus in patches; elements continually changing; possibly at more than one level.
5 Semi-transparent altocumulus in bands or in an increasing layer.
6 Altocumulus formed by spreading out of cumulus.
7 Any of the following:—
(*a*) Altocumulus in two or more layers not increasing.
(*b*) Opaque layer of altocumulus not increasing.
(*c*) Altocumulus with altostratus or nimbostratus or with both.
8 Altocumulus tufted or turretted.
9 Altocumulus at different levels, giving chaotic appearance to the sky. (Dense cirrus usually present.)
/ or — Medium cloud not visible owing to darkness, fog, sandstorm, etc., or owing to existence of a complete layer of lower cloud.

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

0 No Cirriform Cloud.
1 Scattered Cirrus not increasing.
2 Dense Cirrus in patches; usually not increasing.
3 Cirrus often anvil-shaped; usually associated with Cumulonimbus.
4 Tufted Cirrus increasing and thickening.
5 Cirrus and/or Cirrostratus increasing but the continuous layer not reaching above 45° altitude.
6 Cirrus and/or Cirrostratus increasing with the continuous layer reaching above 45° altitude.
7 Complete layer of Cirrostratus covering whole sky.
8 Cirrostratus not increasing and not a complete layer covering whole sky.
9 Cirrocumulus alone or with Cirrus or Cirrostratus where the Cirrocumulus predominates.
/ or — High cloud not visible owing to darkness, fog, sandstorm, etc., or owing to the existence of a complete layer of lower cloud.

CLOUD HEIGHT—Columns 14, 16, 30 and 32

Code figures 01–50 = cloud height in 100s of feet. Code figures 56–80, subtract 50 for cloud height in 1,000s of feet.

CODE FIGURES 81–89

81 = 35,000 feet
82 = 40,000 ,,
83 = 45,000 ,,
84 = 50,000 ,,
85 = 55,000 ,,
86 = 60,000 ,,
87 = 65,000 ,,
88 = 70,000 ,,
89 = above 70,000 feet

CODE FIGURES 90–99*

90 = less than 150 feet
91 = 150—300 ,,
92 = 300—600 ,,
93 = 600—1,000 ,,
94 = 1,000—2,000 ,,
95 = 2,000—3,000 ,,
96 = 3,000—5,000 ,,
97 = 5,000—6,500 ,,
98 = 6,500—8,000 ,,
99 = 8,000 feet or higher or no low clouds.

* Only used when cloud height cannot be determined with greater accuracy.

Beaufort Notation and Symbols for Weather—

Columns 4, 20, 34 and 35 on page 1, and 4, 20, 39 and 40 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.
f, fog, visibility 220–1,100 yds.
F, thick fog, visibility less than 220 yds.
fg, low fog over sea (coast station).
fg, low fog over land (inland station).
g, gale.
m, mist, visibility 1,100–2,200 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.
ks_o, slight storm of drifting snow (generally low).
kS, heavy storm of drifting snow (generally low).
kz_o, slight duststorm or sandstorm.
kZ, severe duststorm or sandstorm.
KQ, line squall. l, lightning.
o, overcast. 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).
⊕, 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.

VISIBILITY—Columns 3 and 19

First Code Figure	Second Code Figure 0	1	2	3	4	5	6	7	8	9
					MILES					
5	3⅛	*	*	*	*	*	3¾	†	5	
6	6¼		7½		8¾		10		11¼	
7	12½		13¾		15		16¼		17½	
8	18¼		25		31¼		37½		43¾	Over 43¾
			YARDS							
9‡	<55	55	220	550	1,100	2,200	2¼	6¼	12½	31 or over
					YARDS					
F	<11	11	22	33	44	55	66	77	88	99

In the range 01–50 the figures give actual visibility in tenths of kilometres, or half furlongs. This table gives the meanings of higher code figures. The decade F. 0—F. 9 is used in this publication only to give visibilities of less than 110 yards.

† Values not given may be obtained by interpolation.

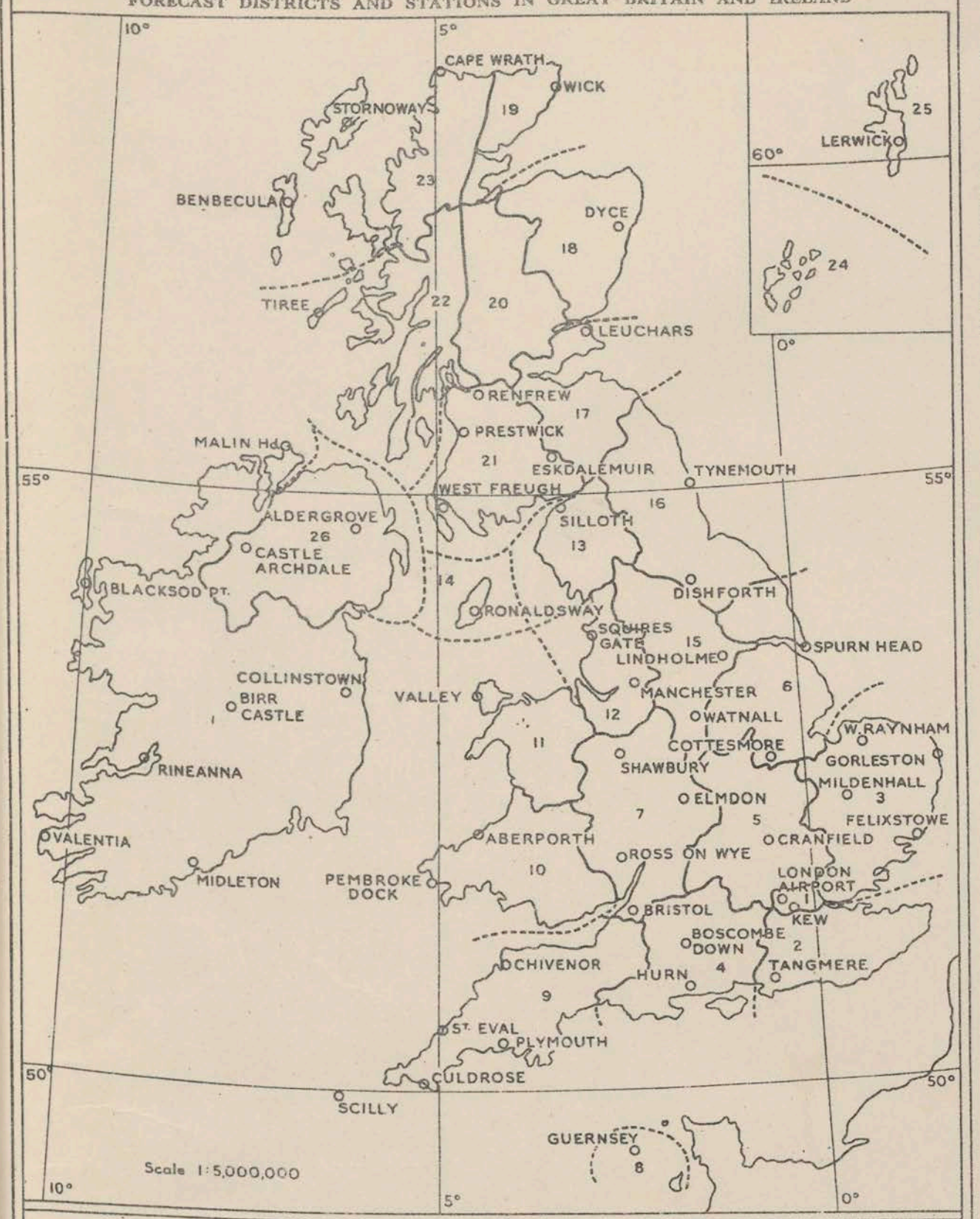
* Code figures not used.

‡ Decade 90–99 is used when visibility cannot be determined with greater accuracy.

GENERAL SYNOPTIC DEVELOPMENT, FORECAST AND FURTHER OUTLOOK

Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the British Isles during the preceding 24 hours together with an indication of the manner in which it is expected to develop during the succeeding 24 hours. On the right of this statement is a forecast of the weather expected during a period of 24 hours from noon on the day of issue, followed by an outlook for a further period, the duration of which is normally 24 hours but may be longer in certain weather situations.

FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS and the Counties comprised within them

1. *London Area.*
   County of London.
   Middlesex.

2. *Southeast England.*
   Kent.
   Surrey.
   Sussex.

3. *East Anglia.*
   Norfolk.
   Suffolk.
   Cambridgeshire.
   Essex.

4. *Central Southern England.*
   Berkshire.
   Hampshire.
   Wiltshire.
   Dorset.
   Isle of Wight.

5. *East Midlands.*
   Leicestershire.
   Rutland.
   Northamptonshire.
   Huntingdonshire.
   Bedfordshire.
   Hertfordshire.
   Oxfordshire.
   Buckinghamshire.

6. *East England*
   Lincolnshire.
   Nottinghamshire.
   Yorkshire (East Riding).

7. *West Midlands.*
   Staffordshire.
   Shropshire.
   Worcestershire.
   Warwickshire.
   Herefordshire.
   Gloucestershire.

8. *Channel Islands.*

9. *Southwest England.*
   Somerset.
   Devonshire.
   Cornwall.

10. *South Wales.*
    Cardiganshire.
    Radnorshire.
    Pembrokeshire.
    Carmarthenshire.
    Brecon.
    Glamorgan.
    Monmouthshire.

11. *North Wales.*
    Anglesey.
    Carnarvonshire.
    Denbighshire.
    Flintshire.
    Merionethshire.
    Montgomeryshire.

12. *Northwest England.*
    Lancashire.
    Cheshire.

13. *Lake District.*
    Cumberland.
    Westmorland.

14. *Isle of Man.*

15. *Central Northern England.*
    Yorkshire (West Riding).
    Derbyshire

16. *Northeast England.*
    Northumberland.
    Durham.
    Yorkshire (North Riding).

17. *Southeast Scotland.*
    Fifeshire.
    Kinross-shire.
    West Lothian.
    Mid Lothian.
    East Lothian.
    Berwickshire.
    Peeblesshire.
    Selkirkshire.
    Roxburghshire.
    Clackmannanshire.

18. *East Scotland.*
    Nairnshire.
    Morayshire.
    Banffshire.
    Aberdeenshire.
    Kincardineshire.
    Angus.

19. *Northeast Scotland.*
    Caithness.
    Sutherland East.
    Ross and Cromarty East.

20. *Central Scotland.*
    Inverness-shire East.
    Perthshire.
    Stirlingshire.

21. *Southwest Scotland.*
    Renfrewshire.
    Lanarkshire.
    Ayrshire.
    Dumfriesshire.
    Kirkcudbrightshire.
    Wigtownshire.

22. *West Scotland.*
    Argyllshire.
    Buteshire.
    Dunbartonshire.
    Inverness-shire West.

23. *Northwest Scotland.*
    Sutherland West.
    Ross and Cromarty West.
    Skye.
    Outer Hebrides.

24. *Orkney.*

25. *Shetland.*

28. *Northern Ireland.*
    Londonderry.
    Antrim.
    Tyrone.
    Fermanagh.
    Armagh.
    Down.

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.

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 on the charts on Pages 2 and 3 of the Report by means of isobars drawn at intervals of 4 mb.

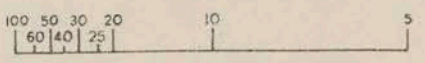
The wind at a height of 1,500–2,000 feet above the ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the charts on Page 3 the speed of the upper wind is about 10 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 20 knots.

The scale 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 SCALE (Knots)

For 8 mb. isobars on $1 : 4 \times 10_7$ Charts.
and for 4 mb. „ „ $1 : 2 \times 10_7$ „



This scale applies under the following conditions:—

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

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

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

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

Rainfall.—Columns 38, 43.—Tr: = rain has fallen, but amount less than 0.1 mm.

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. A full length feather represents 10 kt and a short feather 5 kt. A solid pennant represents 50 kt.

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

Particulars of Codes and Specifications which were adopted on 1st January, 1949, and revised with effect from 1st January, 1955, will be found in " Handbook of Weather Messages, Codes and Specifications ", M.O. 5106, Part II, obtainable from H.M. Stationery Office, price 4s. 8d. post free.

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 4s. 2d. post free.

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

DAILY WEATHER REPORT.

A number of changes in meteorological codes and specifications have been introduced on 1st January 1955. Information concerning these changes will be embodied in the Introduction to the Daily Weather Report for Jan – March 1955 which will be published in the near future.

Codes for cloud height and visibility are materially affected and the following amended tables should be used for current reference.

CLOUD HEIGHT — Columns 14, 16, 30, & 32.

Code figures 01-50 = cloud height in 100s of feet. Code figures 56-80 - subtract 50 for height in 1000s of feet.

CODE FIGURES 81-89.

81	=	35,000	feet.
82	=	40,000	"
83	=	45,000	"
84	=	50,000	"
85	=	55,000	"
86	=	60,000	"
87	=	65,000	"
88	=	70,000	"
89	=	above 70,000	feet.

CODE FIGURES 90-99*.

90	=	less than 150	feet.
91	=	150 - 300	"
92	=	300 - 600	"
93	=	600 - 1,000	"
94	=	1,000 - 2,000	"
95	=	2,000 - 3,000	"
96	=	3,000 - 5,000	"
97	=	5,000 - 6,500	"
98	=	6,500 - 8,000	"
99	=	8,000 feet or higher or no low clouds.	

* Only used when cloud height cannot be determined with greater accuracy.

VISIBILITY - Columns 3 and 19.

In the range 01 - 50 the figures give actual visibility in tenths of kilometres, or half furlongs. The following table gives the meanings of higher code figures. The decade F0 - F9 is used in this publication to give visibilities of less than 110 yards.

FIRST CODE FIGURE	SECOND CODE FIGURE. 0	1	2	3	4	5	6	7	8	9
					MILES					
5	3 1/8	*	*	*	*	*	3 3/4	†	5	
6	6 1/4		7 1/2		8 3/4		10		11 1/4	
7	12 1/2		13 3/4		15		16 1/4		17 1/2	
8	18 3/4		25		31 1/4		37 1/2		43 3/4	OVER 43 3/4
9‡			YARDS				2 1/2	6 1/4	12 1/2	31 or OVER
	<55	55	220	550	1,100	2,200				
					YARDS					
F	<11	11	22	33	44	55	66	77	88	99

† Values not given may be obtained by interpolation.

* Code figures not used.

‡ Decade 90 - 99 is used when visibility cannot be determined with greater accuracy.

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

6358, 1150, 12/54

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON

MONTHLY SUPPLEMENT, JANUARY 1955 No. 457

Wintry for three weeks, then mild.

The cold air which arrived from Europe at the end of December spread across the whole country on 1st and remained for over a week, though the extreme south was invaded by maritime air at times. Weather was mostly dull and cold, with a few snow showers, until on 4th a complex low pressure system settled in the Bay of Biscay and brought prolonged snowfall to most of England and Wales, with hail and thunder in the southwest. However, with day temperatures around 40° (and a notable 49° at Scilly on 7th) the thaw set in quickly, and the second week opened with quiet, cloudy weather, with some mist and fog. London recorded its first sunshine of the month on 9th, and in parts of eastern England there was none for the first 13 days.

By 10th mild air from the Atlantic brought dull skies but temperatures above 50° over most of England and Wales, but a break-through of polar air that night reduced the general temperature level by 10°-15°, and the cold spell lasted over a week. This change was preceded by widespread rain followed by snow, and parts of eastern England had over 20 mm in the 24 hours up to the evening of 10th. On the night of 14th/15th the screen temperature fell to 3° at Dyce (Aberdeen), with 3° on the grass, and to 10° as far south as Bristol.

On 15th and 16th a vigorous depression moved east and passed over London, a striking accompaniment being an exceptional concentration of smoke early in the afternoon of 16th. On the north side of the depression there were strong winds and widespread snow and rain over England, Wales and Northern Ireland, while Scotland was having frequent snow showers in the cold northerly winds, and many villages were isolated for a week.

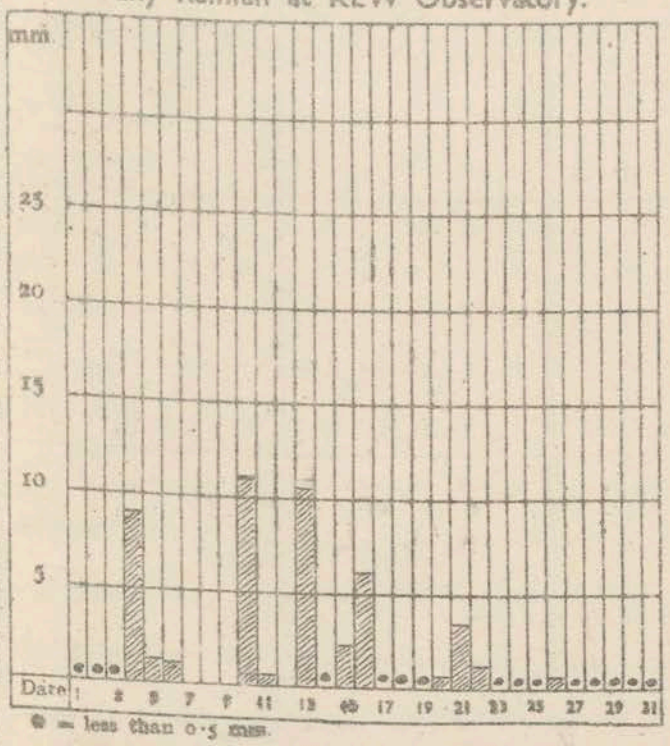
A weak ridge of high pressure settled over the country on 19th, and after a mainly sunny day screen temperatures over the snow-covered ground fell to as low as 9° at Elmdon (Birmingham) and 7° at Dyce, where the ground temperature was -1°.

On 20th and 21st mild air from the southwest brought rain, fog and a rapid thaw to much of the country. For most of the remainder of the month the highest pressure was over central Europe and weak frontal systems moved northeast across the British Isles, giving mild, cloudy weather, with one or two sunny days in most districts.

Corrections to Monthly Supplement, December 1954

Page 3:- Aldergrove. Days with snow to read:- 2.

Daily Rainfall at KEW Observatory.

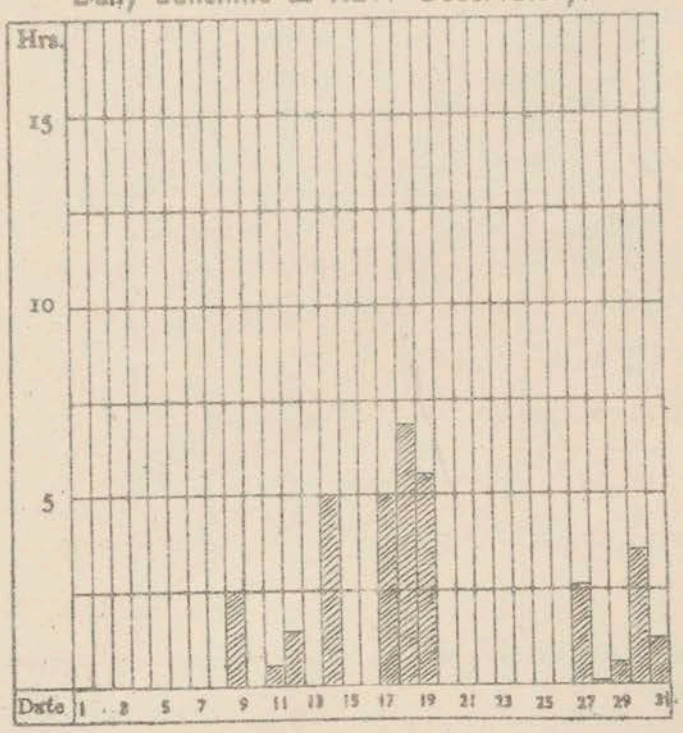


0 = less than 0·5 mm.

RAINFALL. Total for Month. 49 mm.

Difference from average -1 mm.

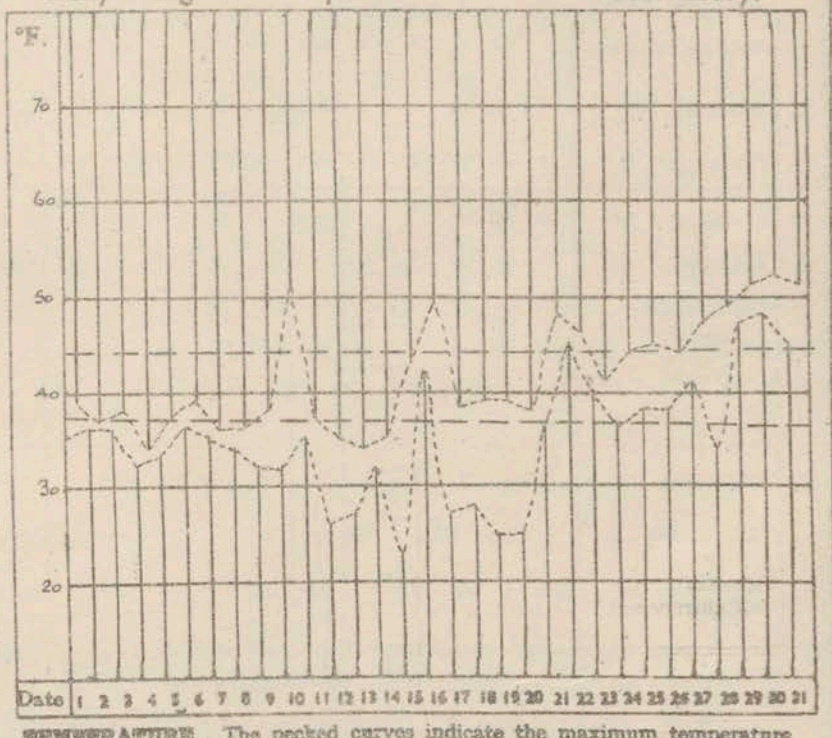
Daily Sunshine at KEW Observatory.



SUNSHINE. Total for Month. 35 hrs.

Difference from average -7 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.

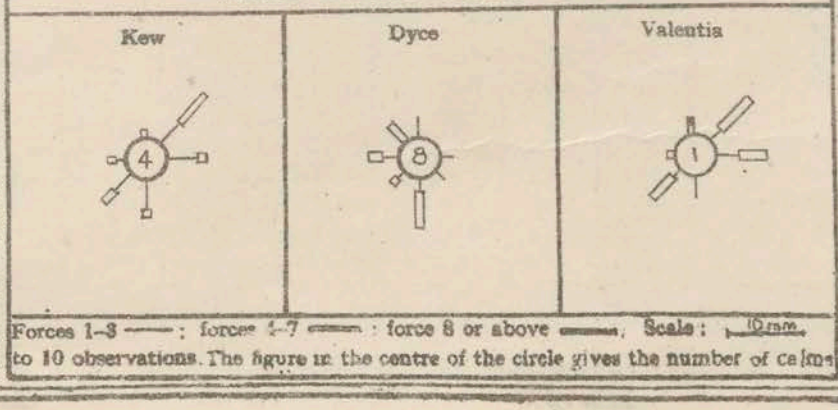
MEAN VALUES FOR THE MONTH.

Stations.	PRESSURE [1] Mean	PRESSURE Difference from average	TEMPERATURE [2] Mean	TEMPERATURE Difference from average	Mean Max.	Difference from average	Mean Min.	Difference from average
	mb	mb.	°F.	°F.	°F.	°F.	°F.	°F.
Kew	1009·2	-7·7	38·2	-2·4	41·6	-2·5	34·8	-2·3
Dyce	1007·5	-1·8	34·3	-2·9	38·4	-3·0	30·1	-2·9
Valentia	1005·3	-8·4	44·4	-1·3	49·7	+0·7	39·1	-3·2

1 Mean for the 24 hours derived from values at 6 h. and 18 h. Hourly corrected.

2 $\frac{\text{Mean Max.} + \text{Mean Min.}}{2}$

WIND FREQUENCIES at 6 hr.



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.

Kew	7180
Lerwick	10085

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY.

District.	Stations.	†TEMPERATURE. Number of daily readings within fixed limits. Maximum. 32° or below	33° to 41°	42° to 50°	51° to 59°	60° to 68°	Average Maximum.	Minimum. 23° or below	24° to 32°	33° to 41°	42° to 50°	51° to 59°	Average Minimum.	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.	LOW CLOUD. Number of observations within fixed limits. 9 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	15 h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	21 h. Below 1,000 ft.	1,000–8,000 ft.	5,000–8,000 ft.	FOG, MIST and GOOD VISIBILITY. Number of observations within fixed limits. 9 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	15 h. Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London ... (Kew Obsy.)	0	13	9	4	0	44·1	1	10	15	5	0	37·1	52	30	34	4, 13	48	30	23	15	14	15	11	2	10	17	0	6	18	0	0	1	6	3	1	0	0	1	7	0
2	Croydon ...	2	15	11	3	0	44·0	4	8	13	6	0	36·1	53	30	31	12	48	30	18	15	13	9	15	1	6	17	1	11	13	0	0	1	3	7	0	0	0	6	4	0
2	Lympne ...																																								
3	Shoeburyness ..	1	17	11	2	0	44·0	2	7	20	2	0	35·3	53	30	32	12	44	30	20	20	13	4	19	0	2	21	1	2	21	0	0	0	3	2	4	0	0	1	2	4
3	Gorleston ...	1	23	6	1	0	43·4	3	6	21	1	0	36·3	52	30	32	17	43	30	21	17	12	6	16	3	6	17	0	4	14	2	0	1	2	2	5	0	0	2	1	3
6	Scampton (2) ...	3	19	6	3	0	42·4	5	9	15	2	0	33·8	53	30	30	13	47	30	18	13, 17, 20	14	9	13	0	9	13	1	6	13	1	0	2	4	4	4	0	2	2	2	6
7	Birmingham ... (Edgbaston)	3	16	10	2	0	42·4	1	12	14	4	0	33·4	52	10	30	17	45	29, 30	22	17	10	19	6	0	10	15	0	11	13	0	0	1	6	8	3	0	1	1	9	1
7	Ross-on-Wye ...	1	17	9	4	0	44·4	5	7	15	4	0	36·3	54	10	32	4	47	29, 30	16	15	13	11	14	0	6	22	1	7	15	2	0	1	3	2	6	0	0	2	4	10
9	Plymouth (3) ... (Mount Batten)	0	7	13	11	0	47·5	0	6	11	14	0	40·3	53	13, 28, 30	37	3	49	16, 29	28	19	6	11	20	0	8	20	0	10	16	0	0	1	0	1	6	0	0	0	3	6
11	Holyhead (Valley)	0	16	15	0	0	45·8	0	13	10	3	0	39·9	50	10, 29, 30	34	16	47	10, 30	26	20	12	7	22	1	9	18	1	4	20	0	0	0	0	1	16	0	0	0	1	15
12	Hawarden (1) ...	2	17	18	4	0	44·6	2	10	15	4	0	35·9	55	10	27	19	45	29, 30	19	20	14	2	23	1	1	24	0	3	21	0	0	0	4	3	1	0	0	1	1	5
16	Tynemouth ...	3	16	10	2	0	43·2	3	8	16	4	0	36·7	52	30	31	11, 17	45	30, 31	18	17	13	3	23	1	2	18	5	1	21	2	0	1	3	6	8	0	0	2	8	6
17	Leuchars ...	5	14	11	1	0	42·3	6	8	12	5	0	33·9	51	25	26	15, 16	45	25, 30	13	15	16	2	26	1	3	25	0	2	16	0	0	0	0	4	20	0	0	0	2	19
21	Renfrew ...	3	16	10	2	0	42·5	6	7	13	5	0	34·3	52	29	28	16	47	29	10	17	14	3	24	1	3	25	0	2	23	1	0	0	5	7	1	0	0	4	4	2
21	Eskdalemuir ...	8	16	7	0	0	40·2	8	13	7	3	0	30·7	47	29	24	13	43	29	09	14	17	13	12	0	11	15	0	7	13	0	0	0	2	0	21	0	0	0	0	22
23	Stornoway ...	5	13	12	1	0	43·9	4	10	12	5	0	37·1	52	23, 24	26	16	47	25	12	15	19	2	29	0	2	27	0	3	24	0	0	0	0	1	27	0	0	2	0	24
18	Dyce (4)	6	16	8	1	0	41·4	8	7	14	2	0	33·0	52	24	25	15	43	30	07	20	19	8	19	2	8	20	1	4	19	1	0	0	1	1	14	0	0	1	2	16
26	Aldergrove ...	3	16	11	1	0	43·6	5	8	14	4	0	35·8	52	29	24	13	48	25	11	14	13	11	18	0	8	21	0	6	24	0	0	0	0	1	18	0	0	0	1	18
	Birr Castle ...	2	11	14	4	0	46·1	5	6	14	6	0	37·4	55	28	32	16, 17	49	25	20	14, 18, 19	10	0	28	2	2	28	0	1	22	0	0	0	0	0	28	0	0	0	0	29
	Valentia ... (Cahirciveen)	0	6	16	9	0	48·0	0	5	16	10	0	42·3	54	10, 21, 28	38	14	50	10, 25	26	18	9	6	23	1	5	24	0	7	23	1	0	0	0	0	26	0	0	0	1	25

UPPER AIR TEMPERATURE.

Pressure. mb.	Mean Height. feet	LERWICK (3† Reports) (03) Mean Temp. °F.	STORNOWAY (3† Reports) (03) Mean Temp. °F.	LEUCHARS (3† Reports) (03) Mean Temp. °F.	ALDERGROVE (3† Reports) (03) Mean Temp. °F.	LIVERPOOL (3† Reports) (03) Mean Temp. °F.	HEMSBY (3† Reports) (03) Mean Temp. °F.	CRAWLEY (3† Reports) (03) Mean Temp. °F.	CAMBORNE (3† Reports) (03) Mean Temp. °F.	VALENTIA (3† Reports) (03) Mean Temp. °F.
Surf.		34·8	37·8	34·4	37·1	37·4	35·3	35·7	42·9	45·3
900	3,240	23·1	23·5	23·5	30·7	31·3	32·0	33·1	36·4	35·2
800	6,390	17·8	20·3	21·9	24·1	24·6	25·8	27·1	28·5	26·9
700	9,876	7·2	10·2	12·2	13·8	14·8	15·7	17·9	18·3	18·3
600	13,792	-6·0	-3·3	-1·4	0·1	1·9	2·0	4·6	5·3	5·7
500	18,278	-23·5	-20·4	-17·6	-15·5	-14·7	-14·6	-12·1	-11·1	-10·6
400	23,561	-43·8	-40·6	-37·8	-35·5	-35·4	-35·2	-32·7	-32·5	-31·4
300	30,049	-68·7	-61·8	-61·1	-60·9	-61·0	-61·0	-60·4	-58·7	-56·1
200	38,640	-72·9	-68·2	-71·1	-70·5	-69·9	-71·4	-70·8	-76·2	-65·5

UPPER WINDS.

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

Pressure. mb.	CRAWLEY (3† Reports) (03) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	> 95 knots	HEMSBY (3† Reports) (03) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	> 95 knots	CAMBORNE (3† Reports) (03) 0 to 15 knots	16 to 35 knots	36 to 55 knots	56 to 75 knots	76 to 95 knots	> 95 knots	LERWICK (3† Reports) (03) 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.	31	0	0	0	0	0	24	7	0	0	0	0	21	10	0	0	0	0	21	10	0	0	0	0	Surf.
900	+10	17	3	0	0	0	8	20	3	0	0	0	6	19	5	1	0	0	7	20	4	0	0	0	900
800	+11	14	5	0	0	0	10	16	5	0	0	0	8	18	5	0	0	0	8	18	5	0	0	0	800
700	7	15	8	1	0	0	10	14	6	1	0	0	9	14	8	0	0	0	5	20	5	1	0	0	700
600	8	13	7	3	0	0	7	13	9	2	0	0	7	9	12	3	0	0	5	16	8	0	2	0	600
500	5	15	4	7	0	0	4	14	7	4	2	0	4	9	11	5	2	0	3	12	10	6	0	0	500
400	3	11	6	6	1	4	2	13	6	5	2	5	3	10	9	7	1	1	2	6	14	7	1	1	400
300	4	9	8	3	3	4	0	14	5	8	1	3	3	9	9	4	4	2	0	5	16	7	3	0	300
200	6	8	7	5	1	2	5	8	3	7	1	1	6	8	8	6	2	1	2	8	10	10	1	0	200

† The readings used are the maximum for the period 09h–21h and the minimum for the period 21h 09h. British station averages for temperature and sunshine are based on data for the years 1921–1950. Birr Castle and Valentia averages are for period 07 18h and 18 07h. Rainfall averages in all cases are based on data covering at least 10 years (see M.O. 364).

METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C.2.
O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.

SUNSHINE, RAINFALL, AND HUMIDITY — JANUARY, 1955

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. Hours.	Difference from average. Hours.	Total for Month. Hours.	Difference from average. Hours.	Highest and Lowest Totals on record for Month. First year of record.	Highest. hrs.	Year.	Lowest. hrs.	Year.	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. mm.	Difference from average. mm.	Total for Month.†‡ mm.	Difference from average. mm.	Highest and Lowest Totals on record for Month. First year of record.	Highest. mm.	Year.	Lowest. mm.	Year.	Days with Thunder.	Days with Snow or Sleet.
1	London .... (Kew Obsy.)	19	7	4	1	0	6·8	3s	1384	-76	35	-7	1880	82	1952	16	1895	17	6	4	4	0	0	11	10	667	+61	49	-1	1856	124	1877	11	1892	0	11
2	Croydon ...	18	9	2	2	0	7·1	19	1323	-205	33	-13	1922	72	1947	23	1945	15	4	8	3	1	0	16	13	702	+23	63	+11	1921	154	1943	22	1950	0	10
3	Shoeburyness	19	7	3	2	0	6·9	18	1450	-220	32	-22		77	1923	29	1953	16	5	6	4	0	0	9	10	550	+87	51	+17	1920	93	1937	21	1953	0	8
3	Gorleston ...	19	6	3	3	0	6·9	19	1405	-211	42	-12	1908	84	1910	27	1915	20	4	3	2	0	0	15	16	703	+81	41	-3	1871	142	1939	3	1880	0	8
6	Scampton (2) ...	18	8	2	3	0	6·5	19	1224	-287	36	-17	1921	87	1952	30	1941	19	6	4	2	0	0	12	15	749	+150	39	-5	1917	109	1943	18	1932	0	12
7	Birmingham ... (Edgbaston)	20	6	4	1	0	6·8	19	1093	-209	33	-3	1887	77	1952	8	1917	15	1	10	5	0	0	12	10	938	+264	67	+16	1893	148	1939	19	1950	0	12
7	Ross-on-Wye ...	18	8	4	1	0	7·3	18	1306	-160	35	-18	1915	96	1952	34	1921	14	3	7	7	0	0	13	6	840	+123	83	+21	1859	161	1943	7	1898	0	9
9	Plymouth (3) ... (Mount Batten)	12	11	4	4	0	6·7	26	1451	-206	31	-6	1921	89	1931	17	1884	9	8	3	10	0	1	30	13	1163	+224	143	+57	1893	195	1913	20	1935	1	7
11	Holyhead (Valley)	15	8	5	3	0	7·0	26	1496	-72	48	-7	1914	102	1933	29	1914	13	6	5	5	2	0	22	15	1070	+183	81	+7	1871	190	1877	19	1880	0	6
12	Hawarden (1) ...	18	6	7	0	0	6·0	14	1318	-95	40	-9	1933	74	1952	32	{1939 1941	15	7	5	4	0	0	11	15	842	+204	50	-3	1924	155	1936	9	1950	0	11
16	Tynemouth ...	19	5	7	0	0	5·8	11	1161	-146	38	0	1935	*	*	*	*	17	6	5	2	1	0	19	10	703	+81	53	+12	1915	170	1948	12	1949	0	5
17	Leuchars ...	12	9	9	1	0	6·4	11	1443	-27	42	-3	1922	84	1931	21	1942	15	7	8	1	0	0	11	9	789	+136	30	-16	1922	124	1928	12	1953	0	10
21	Renfrew ...	15	8	8	0	0	6·8	11	1070	-135	42	+11	1921	48	1931	9	1940	12	6	8	4	1	0	24	9	1241	+302	69	-16	1921	241	1928	22	1941	0	9
21	Eskdalemuir ...	19	5	7	0	0	6·0	12	941	-248	39	+2	1910	81	1945	12	1913	10	8	4	6	2	1	40	9	2060	+631	147	-14	1910	304	1928	43	1941	0	13
23	Stornoway ...	9	15	7	0	0	4·8	14	1253	+37	45	+13	1881	60	1939	12	1907	9	3	12	7	0	0	14	25	1185	-16	91	-56	1870	373	1872	33	1881	1	10
18	Dyce(4)	16	9	5	1	0	6·5	13	1270	-91	44	-5	1881	85	1891	15	1895	14	10	7	0	0	0	5	21	915	+102	27	-32	1871	128	1945	16	1905	1	14
26	Aldergrove ...	* 14	8	6	2	0	6·4	19	1087	-101	49	+6	1927	64	1928	24	1944	13	5	6	6	0	1	28	21	1020	+132	99	+29	1926	143	{1942 1948	30	1950	0	9
	Birr Castle § ...	9	11	8	3	0	6·7	12	1095	-211	62	+13	1881	91	1897	24	1884	16	3	7	4	1	0	19	15	1039	+261	76	+4	1862	179	1948	17	1881	0	7
	Valentia § ... (Cahirciveen)	11	16	4	0	0	5·4	18	1309	-59	42	-2	1880	128	1891	16	1898	8	5	5	12	1	0	16	9	1575	+161	149	-5	1866	296	1937	27	1935	0	2

* No record on 13th.

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

MINIMUM SURFACE HUMIDITY.

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

Stations.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew) ...	0	2	10	6	11	2	0	0	0	0
Ross-on-Wye ...	0	2	10	9	9	1	0	0	0	0
Plymouth (Mount Batten) ...	0	2	9	11	7	2	0	0	0	0
Renfrew ...	0	1	7	13	9	1	0	0	0	0
Eskdalemuir ...	2	6	13	8	2	0	0	0	0	0
Dyce	0	0	8	11	11	1	0	0	0	0
Valentia ...	1	5	7	10	6	2	0	0	0	0

STATE OF GROUND AT 21 h

No. of Days each Type was recorded.

Stations.	0	1	2	3	4	5	6	7	8	9
London (Kew) ...	1	20	1	3	0	1	2	2	0	1
Ross-on-Wye ...	0	19	0	2	0	2	2	6	0	0
Renfrew ...	13	13	0	2	1	1	6	0	1	4
Eskdalemuir ...	0	6	4	0	0	7	2	11	0	1
Dyce	0	12	0	2	0	6	0	3	3	5
Valentia ...	1	23	3	2	0	1	0	1	0	0

CODE for State of Ground.

0 = Surface of ground dry (no appreciable amount of dust or loose sand).
1 = Surface of ground moist.
2 = Surface of ground wet (standing water in small or large pools on surface).
3 = Surface of ground dry and frozen (not covered by ice or snow).
4 = Glaze on ground but no slush or snow.
5 = Ice, slush or snow covering less than one-half of ground.
6 = Ice, slush, or firm or settled snow covering more than one-half of ground (but not completely).
7 = Ice, slush, or firm or settled snow covering ground completely.
8 = Loose dry snow covering more than one-half surface (but not completely).*
9 = Loose dry snow covering surface completely.*

The definitions for code figures 0 to 4 apply to representative bare ground and for code figures 5 to 9 to an open representative area. During the occurrence of hoar frost or dew the state of the ground is determined as though these were absent.

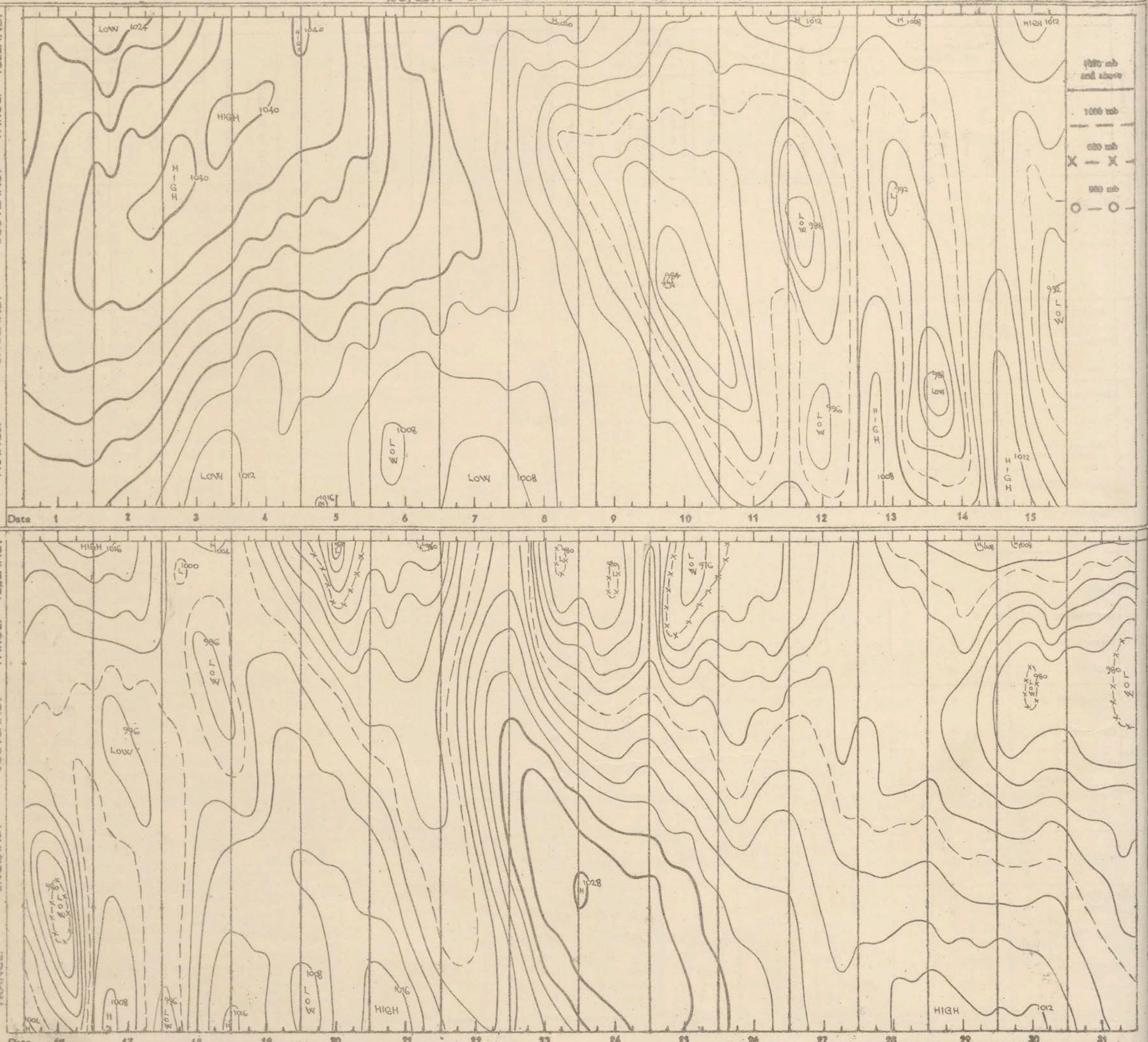
* Code figures 8 and 9 may be used to indicate dust or loose sand on the surface of the ground in the proportions indicated.

(1) Averages computed from values for Sealand 1921–43 and Hawarden 1944–50; extremes are for Sealand.
(2) Averages and extremes are those for Cranwell about 25 miles South south east of Scampton.
(3) Extremes for sunshine and averages and extremes for rainfall are supplemented by those for Plymouth Hoe.
(4) Averages computed from values for Dyce, Craibstone and Aberdeen; extremes are for Aberdeen.

†† 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.

PRESSURE : ICELAND TO GULF OF LIONS ..... JANUARY, ... 1955

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. 65° N., Long 18° W., in the north ; at Lat. 44½° N., Long. 4° E., in the south.

H.M.S.O. Press, M.O. Immediate.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34008 — Date of Issue. Saturday 1st January 1955

OBSERVATIONS at 12h. G.M.T. 31st December 1954

STATIONS (For heights see p. 4)	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: † Low (9)	† Medium (10)	† High (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt. 0-8 (13)	Cloud: Main layer: † Ht. (14)	Cloud: Lowest layer: Amt. 0-8 (15)	Cloud: Lowest layer: † Ht. (16)
Kew	100	09	09	c	25·6	-01	44	40	6	–	–	8	7	25	5	10
London Airport	090	10	11	c	25·4	-01	45	40	5	–	–	7	7	28	–	–
Tangmere	100	12	11	c	24·7	+01	46	44	5	–	–	7	7	40	1	15
Bournemouth (Hurn	120	04	32	c	23·9	+00	46	42	5	–	–	8	8	30	3	20
Boscombe Down	130	07	16	c/d	24·5	-02	43	42	6	–	–	8	8	15	6	08
Felixstowe	130	10	24	c	27·5	+01	43	38	5	–	–	8	8	22	–	–
Gorleston	100	16	32	c	28·6	+06	40	36	5	–	–	8	6	32	–	–
West Raynham	110	12	40	c	27·6	+00	39	35	5	–	1	6	3	20	–	–
Mildenhall	140	10	24	bc	27·1	+01	42	37	5	–	1	4	3	20	–	–
Cranfield	110	12	24	c	26·3	+01	42	37	6	–	–	8	8	15	5	07
Elmdon	100	12	20	c	25·6	+01	43	40	5	–	–	7	7	28	2	12
Cottesmore	100	10	20	c	27·2	+04	40	37	5	–	–	7	7	15	–	–
Watnall	100	10	19	c	26·8	+05	40	35	5	–	–	7	7	18	3	12
Ross-on-Wye	110	07	12	o	24·1	-00	45	41	6	–	–	8	8	10	–	–
Shawbury	130	10	40	c	25·2	+01	46	41	5	–	–	7	7	45	2	25
Bristol	100	06	11	c	24·4	+01	45	42	6	–	–	8	8	28	1	06
Plymouth	110	10	48	b	22·4	-01	47	40	5	–	1	1	–	–	–	–
Chivenor	100	06	40	b	23·0	-01	47	43	–	3	1	1	–	–	–	–
St. Eval	130	18	80	b	20·9	+00	48	40	5	–	2	1	1	35	–	–
Culdrose	110	15	80	c	21·5	+00	47	42	5	–	–	8	7	50	1	25
Scilly, St. Mary's	130	13	40	id.	18·3	-03	50	48	6	–	–	8	8	08	–	–
Guernsey	150	10	64	c	23·2	+00	45	40	5	–	–	8	8	25	4	16
Aberporth	140	10	20	c	22·2	-02	45	39	5	3	2	2	2	25	–	–
Pembroke Dock	120	07	64	c	22·6	+02	48	42	1	3	1	6	–	–	4	85
Holyhead (Valley)	060	02	14	c	22·4	+01	44	41	5	–	–	8	8	40	–	–
Manchester	140	10	32	c	25·8	+01	46	41	5	–	–	7	7	25	–	–
Squires Gate	110	09	12	c	25·4	+00	47	47	5	–	–	8	8	40	3	22
Silloth	110	14	11	c/d	26·3	+00	46	43	5	–	–	8	8	40	2	25
Lindholme	110	14	29	c	27·7	+04	40	36	6	–	–	8	8	15	6	07
Spurn Head	140	18	24	c	28·0	+04	42	40	5	–	–	6	6	20	–	–
Dishforth	090	14	32	c	27·8	+04	43	43	6	–	–	7	7	35	5	10
Tynemouth	140	11	40	c	28·7	+11	45	44	5	–	–	7	7	40	–	–
Leuchars	080	03	24	c	28·0	+08	43	39	5	–	–	8	8	50	1	40
Eskdalemuir	–	0	48	c	27·4	+05	42	39	5	–	–	8	8	30	–	–
Prestwick	090	07	15	c	26·2	+05	42	37	5	3	–	6	6	40	1	30
West Freugh	140	13	24	c	24·7	+00	44	42	6	–	–	8	7	30	3	10
Ronaldsway	120	16	13	c	24·7	+01	46	43	5	–	–	8	8	40	6	15
Tiree	140	20	32	c/r	24·4	+13	47	43	5	3	–	7	5	50	1	12
Benbecula	170	14	48	o	23·8	+15	47	45	6	–	–	8	8	17	–	–
Stornoway	190	15	80	c	24·9	+18	47	43	5	–	–	6	5	25	2	18
Cape Wrath	180	05	82	c	24·4	+13	47	38	5	–	–	6	6	25	–	–
Sule Skerry	180	02	82	c	25·5	+26	47	45	5	–	–	8	8	20	–	–
Renfrew	070	07	07	c	27·2	+06	44	38	6	3	–	7	6	55	1	30
Dyce	200	01	16	c	28·6	+11	42	40	5	–	–	7	7	40	–	–
Wick	160	08	24	b	26·7	+13	44	40	5	–	–	1	1	35	–	–
Lerwick	200	10	32	c	27·5	+19	44	43	5	5	–	7	7	15	5	18
Blacksod Point	120	24	81	c	18·0	+05	49	46	6	–	–	7	7	15	–	–
Malin Head	160	13	76	c	22·2	+06	47	43	5	–	–	7	7	21	–	–
Aldergrove	110	12	24	c	23·5	+01	46	41	5	–	–	7	7	35	–	–
Castle Archdale	150	12	80	c	21·8	+02	46	42	5	7	–	6	3	50	1	16
Birr Castle	120	14	81	bc	19·9	+04	48	43	5	3	–	5	5	37	1	12
Collinstown	120	14	72	c	22·7	+03	46	40	5	3	2	6	1	42	–	–
Rineanna	090	12	56	pr.	18·4	+10	46	44	3	–	–	8	2	08	–	–
Valentia	–	0	82	c	17·2	+02	46	49	8	4	–	6	6	35	1	22
Midleton	140	20	40	ir.	17·9	+01	49	47	7	2	–	8	7	10	–	–

OBSERVATIONS at 18h. G.M.T. 31st December 1954

STATIONS	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: † Low (25)	† Medium (26)	† High (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt. 0-8 (29)	Cloud: Main layer: † Ht. (30)	Cloud: Lowest layer: Amt. 0-8 (31)	Cloud: Lowest layer: † Ht. (32)	21 h. † State of ground (33)	Weather: 09h. to 15h. (34)	Weather: 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	090	09	09	c/d	27·6	+12	42	37	6	–	–	8	6	25	3	12	0	cm.w.cm.	cm.ci.c.	46	0·0	Tr
London Airport	090	11	10	c	27·2	+10	42	38	5	–	–	8	8	14	2	10	1	c.c.m.	cm.m	45	*	—
Tangmere	080	10	11	c	26·3	+11	43	41	6	–	–	7	7	11	–	–	1	cm.	cic.m.cm.	46	0·0	Tr
Bournemouth (Hurn	120	06	13	c	25·3	+10	44	41	5	–	–	6	6	30	4	11	1	cir.m.cm.	cm.prbcm.	47		Tr
Boscombe Down	110	09	20	c	26·2	+13	41	40	5	–	–	8	8	20	–	–	1	cid.d.d.m.	cm.bm.w m.	45	0·0	0·2
Felixstowe	120	12	24	c	28·6	+10	40	37	5	–	–	7	7	15	–	–	0	cm.	cm.bcm.	43	0·0	–
Gorleston	120	19	40	b	30·2	+13	41	36	3	–	–	1	1	25	–	–	0	cm.	cm.bm.	42	0·7	–
West Raynham	110	10	20	c	29·5	+10	36	33	5	–	–	7	7	15	–	–	1	cm.	cm.wbm.x	40	1·1	Tr
Mildenhall	130	11	28	c	28·9	+08	39	35	5	–	–	7	7	18	–	–	1	cbc.m.	bc.mbcw	43	3·6	Tr
Cranfield	100	11	16	c	28·3	+10	37	34	5	–	–	8	8	15	–	–	1	cm.	o.d.d.c.m.	43	0·6	Tr
Elmdon	100	10	20	c	27·7	+13	40	36	6	–	–	8	8	09	–	–	0	c	c	45	0·0	–
Cottesmore	090	08	40	c	28·7	+10	37	35	5	–	–	8	–	–	–	–	1	cm.	cm.	43	0·4	–
Watnall	110	13	17	c	28·5	+10	39	34	5	–	–	8	8	18	–	–	0	cm.cm.	cm.	44	0·0	–
Ross-on-Wye	090	08	12	c	28·8	+10	43	38	6	–	–	8	8	09	–	–	1	om.	om.	45	0·0	–
Shawbury	110	17	18	c	27·0	+09	41	36	5	3	–	7	5	30	4	15	1	cm.	cm.	46	0·0	–
Bristol	100	10	15	id.	25·8	+09	44	39	5	–	–	8	8	16	–	–	1	cm.c.d.d.	cid.c	46	0·0	Tr
Plymouth	110	14	32	c	23·0	+08	46	43	5	–	–	7	7	39	–	–	1	bm.bz.	cm.cz.	48	4·5	–
Chivenor	090	07	48	b	23·4	+08	43	40	–	–	1	1	–	–	–	–	0	bc.m.	bz.m.	48	4·9	–
St. Eval	130	17	56	c	21·3	+08	47	45	5	–	–	8	8	25	1	07	1	bcbcc	cid.m.c	48	3·5	Tr
Culdrose	110	15	40	id.	21·7	+07	47	43	6	–	–	8	8	25	6	12	1	oid.	oid.	47	0·0	Tr
Scilly, St. Mary's	140	12	40	c/d	19·0	+10	50	50	6	–	–	8	8	06	–	–	1	oid.	oid.	50	0·0	2
Guernsey	120	10	32	o	23·9	+06	42	34	5	–	–	8	8	20	–	–	1	c	c	45	0·0	–
Aberporth	110	10	24	bc	23·6	+10	43	40	5	3	2	4	3	30	–	–	1	bbz.	bm.cm.	46	4·7	–
Pembroke Dock	100	12	48	bc	23·2	+06	46	42	2	–	1	3	2	18	–	–	1	cbc	bcbcm.b	48	2·9	–
Holyhead (Valley)	090	07	14	c	23·9	+03	45	43	5	–	–	8	8	50	5	30	1	cm.	cm.	45	0·0	–
Manchester	150	12	24	c	28·1	+11	38	32	5	–	7	8	5	21	–	–	1	cmz.	cz.m.bc	47	0·6	–
Squires Gate	100	12	11	c	27·2	+11	38	35	5	3	1	7	6	26	–	–	1	cm.	cm.	47	0·0	–
Silloth	090	12	11	c	27·8	+06	41	33	5	–	6	7	–	–	7	86	1	cid.m.cm.	cm.cz.	47	0·0	Tr
Lindholme	090	06	32	c	29·7	+11	39	36	5	–	–	8	8	20	–	–	0	cir.m.d.m.cm.	cm.	45	0·0	Tr
Spurn Head	110	18	32	c	29·6	+11	40	38	3	–	–	7	7	15	–	–	0	c	c	45	0·0	–
Dishforth	110	08	24	c	30·0	+08	39	36	5	–	–	8	8	11	–	–	1	cir.m.cm.	cm.	45	0·0	Tr
Tynemouth	110	08	24	c	30·4	+12	42	37	5	–	–	6	6	30	–	–	1	cm.	c	46	0·0	Tr
Leuchars	120	13	36	c	29·6	+13	44	42	6	–	–	8	8	50	3	08	1	cm.	cm.bc	45	0·0	–
Eskdalemuir	130	05	64	c	28·8	+16	40	36	6	–	–	7	7	18	–	–	1	cm.c	cbcc	44	0·0	–
Prestwick	090	05	22	c	27·2	+06	46	42	5	–	–	7	7	40	2	30	0	bbccid.cz.	cz.cbcm.	46	0·9	Tr
West Freugh	120	18	18	bc	25·6	+05	46	44	5	3	–	4	2	20	–	–	1	cm.	cm.	47	0·0	–
Ronaldsway	110	21	24	bc	25·6	+04	44	39	5	–	–	3	3	16	–	–	1	ccir.	cir.bcc	47	0·0	Tr
Tiree	140	22	24	c	26·1	+11	46	40	5	3	2	7	5	47	–	–	1	cir.bz.	bz.c	48	0·7	Tr
Benbecula	150	12	80	c	26·6	+14	46	39	5	–	–	7	7	35	–	–	1	oc	c	48	0·0	–
Stornoway	090	06	80	c/r	27·9	+13	46	44	5	–	–	7	7	35	3	22	2	cir.c	cz.r.bc	48	0·1	0·1
Cape Wrath	090	02	83	bc	27·9	+15	46	36	5	7	–	4	2	20	–	–	0	cbc	bcb	49	*	–
Sule Skerry	140	02	81	c	27·9	+10	46	43	5	–	–	7	7	20	–	–	0			48	*	Tr
Renfrew	060	07	05	c/f	27·9	+06	45	41	5	–	–	7	7	40	–	–	1	cm	cff bcz.	46	0·0	–
Dyce	160	10	24	c	31·1	+17	44	42	6	–	–	8	8	08	2	04	1	cir.m.	cirm.	45	0·0	0·6
Wick	160	06	26	c	30·3	+22	44	38	F1	6	–	–	7	7	12	22	–	–	1	bcbm.	bm.cm.	45	0·0	–
Lerwick	190	10	32	c	31·2	+24	44	42	5	–	–	7	7	10	–	–	1	bc.m.	cm.	45	0·0	–
Blacksod Point	120	19	81	c	19·6	+09	48	44	6	–	–	7	7	25	–	–	0	bc	c	49	0·0	–
Malin Head	140	02	39	bc	23·8	+07	44	39	–	3	–	4	–	–	4	83	2	c		49	2·6	–
Aldergrove	120	13	11	bc	24·4	+07	44	43	6	–	–	4	3	30	1	10	1	cm.	bm.cm.	46	0·2	–
Castle Archdale	120	09	80	c	23·1	+11	42	40	5	7	–	7	6	40	–	–	1	cbc	bbcc	48	2·7	–
Birr Castle	130	12	80	ir.	21·4	+10	45	41	5	–	–	8	6	31	2	19	1	p	p	49	1·7	Tr
Collinstown	140	13	32	c	23·3	+09	46	41	5	–	–	7	6	28	2	18	1	bc	c	47	1·2	–
Rineanna	110	18	32	r.r.	19·8	+11	47	45	7	–	–	8	2	08	–	–	2	c	r	47	0·0	14
Valentia	080	07	82	bc	17·5	+04	46	44	5	–	–	5	5	30	–	–	1	c	c	49	2·9	–
Midleton	140	10	48	c	19·0	+10	49	46	6	–	–	8	5	13	–	–	2	c	r	50	0·0	16

OBSERVATIONS during DAY

STATIONS	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	46	0·0	Tr
London Airport	45	*	—
Tangmere	46	0·0	Tr
Bournemouth (Hurn	47		Tr
Boscombe Down	45	0·0	0·2
Felixstowe	43	0·0	–
Gorleston	42	0·7	–
Mildenhall	40	1·1	Tr
Cranfield	43	3·6	Tr
Elmdon	43	0·6	Tr
Cottesmore	45	0·0	–
Watnall	43	0·4	–
Ross-on-Wye	44	0·0	–
Shawbury	45	0·0	–
Bristol	46	0·0	Tr
Plymouth	46	0·0	–
Chivenor	48	4·5	–
St. Eval	48	4·9	–
Culdrose	48	3·5	Tr
Scilly, St. Mary's	47	0·0	Tr
Guernsey	50	0·0	2
Aberporth	45	0·0	–
Pembroke Dock	46	4·7	–
Holyhead (Valley)	48	2·9	–
Manchester	45	0·0	–
Squires Gate	47	0·6	–
Silloth	47	0·0	–
Lindholme	47	0·0	Tr
Spurn Head	45	0·0	Tr
Dishforth	45	0·0	–
Tynemouth	45	0·0	Tr
Leuchars	46	0·0	–
Eskdalemuir	45	0·0	–
Prestwick	44	0·0	–
West Freugh	46	0·9	Tr
Ronaldsway	47	0·0	–
Tiree	47	0·0	Tr
Benbecula	48	0·7	Tr
Stornoway	48	0·0	–
Cape Wrath	48	0·1	0·1
Sule Skerry	49	*	–
Renfrew	48	*	Tr
Dyce	46	0·0	–
Wick	45	0·0	0·6
Lerwick	45	0·0	–
Blacksod Point	45	0·0	–
Malin Head	49	0·0	–
Aldergrove	49	2·6	–
Castle Archdale	46	0·2	–
Birr Castle	48	2·7	–
Collinstown	49	1·7	Tr
Rineanna	47	1·2	–
Valentia	47	0·0	14
Midleton	49	2·9	–
	50	0·0	16

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	50°30′	20°42′	1004	-01	150	48	c	c	52	52	45	97	6	7	–	2	7	11
WEATHER RECORDER	59°6′	18°36′	1017	+03	120	32	c	r	46	50	38	98	5	2	–	4	8	11
MERMOZ	45°0′	16°0′	1009	-19	180	19	c	bc	57	57	54	98	8	–	–	7	7	5
CUMULUS	66°6′	02°6′	1012	+03	220	40	c	r	45	45	37	97	9	–	–	6	6	16
WEATHER EXPLORER	62°0′	32°46′	1010	+29	350	07	bc	bc	35	40	23	99	5	–	5	3	3	8
US SHIP 'C'	52°48′	35°30′	992	+32	320	50	c	s	40	46	33	18	7	–	–	8	8	29
US SHIP 'D'	44°0′	41°0′	1022	+12	320	26	jp	c	47	63	39	80	2	–	–	6	6	19
POLAR FRONT	63°0′	19°6′	1017	+37	230	07	c	c	41	43	27	99	9	5	–	3	7	5
WEATHER OBSERVER	56°24′	10°0′	1021	+08	160	22	c	c	50	50	47	98	5	–	–	7	7	5
PHILOMEL	48°30′	05°12′	1021	-05	150	55	c	b	51	53	49	97	7	–	–	8	8	3

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER RECORDER	58°48′	17°48′	1017	+08	140	29	c	r	46	49	38	97	–	7	–	0	6	11
LE VERRIER	52°24′	20°18′	1006	+15	150	40	bc	c	54	53	46	97	5	4	2	3	5	23
CUMULUS	66°6′	01°54′E	1021	+65	260	32	b	c	41	42	37	97	6	–	–	2	2	21
MERMOZ	45°0′	16°0′	1007	-03	180	25	bc	bc	57	57	54	98	8	–	–	5	5	5
WEATHER EXPLORER	62°0′	32°30′	1012	+02	060	14	r.r.	p	36	40	20	99	5	–	–	1	1	5
US SHIP 'C'	52°48′	35°30′	996	+25	340	42	c	c	40	46	33	64	5	–	–	8	8	19
US SHIP 'D'	44°0′	41°0′	1019	-17	270	20	c	p	50	63	39	74	2	–	8	6	7	14
WEATHER OBSERVER	56°48′	11°24′	1021	+03	140	26	b	c	50	50	46	98	–	–	–	0	0	6½
POLAR FRONT	63°0′	16°42′	1023	+28	160	12	jp	c	43	45	28	99	–	2	–	8	8	3
GARVEL PARK	47°30′	11°15′	1014	-20	140	09	c	c	58	60	54	98	9	–	–	7	7	11½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet: 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Friday 31st December

1955

Clark's Projection Scale 1 : 4 × 10⁷ along meridian at 5[illegible] 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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ◑ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◑ Sky 6/8 covered ◑ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm T Thunder ≡ Fog = Mist

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.

Mean Sea surface isotherms for JANUARY are shown thus —50—

1800h. YESTERDAY.

0000h. TODAY.

0600h. TODAY.

All times are G.M.T.

GENERAL SYNOPTIC DEVELOPMENT:-

The anti-cyclone extending from Russia over the British Isles has intensified. Shallow troughs appear likely to move westwards on its southern flank and may affect Southern and Eastern England.

Issued at Mid-day today Saturday 15th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

Weather will be mainly cloudy on Eastern districts but in the west there will be bright intervals. It will be dry in most areas but in Eastern England, showers may develop and are likely to turn snow in places tomorrow.

It will be cold generally and slight or keen air frost will occur except near eastern and southern coasts.

OUTLOOK FOR for the following 24 hours:- Continuing cold. Snow showers in Eastern and Southeastern England: otherwise dry.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 1st January 1955

Station (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form Low † (9)	Cloud: Form Medium → (10)	Cloud: Form High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer Amt. 0–8 (13)	Cloud: Main layer Ht. † (14)	Cloud: Lowest layer Amt. 0–8 (15)	Cloud: Lowest layer Ht. † (16)
Kew	18	*	*	*	*	*	*	39	*	*	*	*	*	*	*	*	*
London Airport	82	090	10	37	b	28·8	+001	38	33	5	-	1	2	1	20	-	-
Tangmere ...	53																
Bournemouth (Hurn	34	050	12	37	b	27·1	+02	36	33	5	-	-	2	2	22	-	-
		210	07	50	bc	26·2	+03	38	35	5	-	-	5	5	21	-	-
Boscombe Down	414	110	12	48	bc	27·1	+03	35	32	5	-	-	3	3	17	-	-
Felixstowe ...	10	120	19	58	b	30·1	+07	40	34	5	-	-	1	1	22	-	-
Gorleston ...	5	110	19	60	b	31·8	+10	41	33	5	-	-	2	2	31	-	-
West Raynham	250	100	10	20	b	31·2	+10	32	30	-	-	-	0	-	-	-	-
Mildenhall ...	15	110	10	58	b	30·1	+06	37	34	-	-	-	0	-	-	-	-
Cranfield ...	340	100	09	48	c	29·4	+04	37	32	5	-	-	8	8	18	-	-
Elmdon ...	324	110	08	40	c	29·1	+07	36	30	6	-	-	8	8	15	-	-
Cottesmore ...	440	110	04	58	c	30·1	+04	36	33	5	-	-	8	8	16	-	-
Watnall ...	366	100	06	48	c	30·3	+05	35	34	4	-	-	8	8	19	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	120	13	48	c	28·9	+09	37	32	5	-	-	8	8	17	-	-
Bristol	192	110	10	56	c	27·3	+09	40	32	5	-	-	8	8	16	-	-
Plymouth ...	90	080	02	58	bc	23·9	+01	41	37	5	-	-	5	5	21	-	-
Chivenor ...	20	090	07	58	bc	24·7	+06	44	40	5	-	-	8	8	22	6	15
St. Eval... ...	336	110	10	63	bc	22·3	+04	44	37	5	5	-	3	3	25	-	-
Culdrose ...	260	110	19	66	bc	22·8	+03	44	39	5	-	-	4	4	15	-	-
Scilly, St. Mary's	158	120	15	56	d.c	20·3	+04	49	48	6	-	-	8	8	06	-	-
Guernsey ...	340	080	12	48	b	24·4	+02	39	34	-	-	-	0	-	-	-	-
Aberporth ...	375	110	08	48	bc	24·8	+06	42	37	5	-	-	4	4	31	-	-
Pembroke Dock	34	120	10	60	bc	24·3	+04	45	41	5	-	-	5	5	25	-	-
Holyhead (Valley)	32	070	03	23	c	26·3	+11	40	38	5	-	-	7	7	35	-	-
Manchester ...	248	140	07	48	bc	29·6	+10	35	30	5	-	-	3	3	18	-	-
Squires Gate ...	33	100	07	26	c	29·2	+11	32	29	5	-	-	7	7	21	-	-
Silloth	25	080	14	29	bc	29·8	+11	37	31	5	7	8	5	1	30	-	-
Lindholme ...	21	100	07	48	c	31·0	+09	38	35	5	-	-	8	8	22	-	-
Spurn Head ...	29	140	20	66	bc	31·0	+09	40	38	3	-	-	4	4	20	-	-
Dishforth ...	105	130	08	48	c	31·5	+10	39	35	5	-	-	8	8	22	-	-
Tynemouth ...	108	160	09	62	c	31·9	+05	42	37	5	-	-	7	7	30	-	-
Leuchars ...	36	100	13	66	c	31·6	+08	41	35	5	-	-	8	8	21	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	090	18	48	b	29·2	+10	39	30	-	-	1	2	-	-	2	70
West Freugh ...	50	090	16	40	c	28·0	+11	39	36	5	-	-	8	8	17	4	14
Ronaldsway ...	55	110	25	40	c	27·4	+08	41	35	6	-	-	7	7	40	4	12
Tiree	29	140	18	58	bc	27·3	+00	45	40	5	-	-	3	3	50	-	-
Benbecula ...	18	140	10	66	c	27·5	+01	46	42	5	-	-	8	8	40	-	-
Stornoway ...	10	120	07	66	bc	29·0	+01	46	41	5	-	-	5	5	50	-	-
Cape Wrath ...	367	180	05	82	b	29·2	+05	43	33	5	-	-	2	2	30	-	-
Sule Skerry ...	43	140	05	74	b	29·9	+10	47	30	-	-	-	0	-	-	-	-
Renfrew ...	28	080	12	26	bc	30·0	+12	38	34	6	-	-	3	3	40	-	-
Dyce	185	160	08	64	c	33·5	+11	41	34	6	-	-	8	7	15	-	-
Wick	119	160	16	48	c	32·3	+10	44	39	5	-	-	8	8	47	-	-
Lerwick ...	269	180	15	40	c	34·1	+17	44	43	6	-	-	8	8	10	6	07
Blacksod Point	18	120	21	81	c	20·7	+05	47	44	8	-	-	6	6	19	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	110	17	58	c	26·1	+07	43	41	5	-	-	8	8	16	6	11
Castle Archdale	225	110	11	61	c	24·4	+05	44	42	5	-	-	7	7	28	-	-
Birr Castle ...	231	120	11	62	c/c	22·4	+08	45	41	6	-	-	8	8	30	5	18
Collinstown ...	226	130	16	56	c	24·6	+05	45	41	6	-	-	7	7	30	5	12
Rineanna ...	10	100	19	58	c/c	20·3	+01	46	44	6	-	-	8	6	13	2	09
Valentia ...	30	150	05	74	bc	18·9	+06	43	41	5	-	-	3	3	28	-	-
Midleton ...	30	140	10	66	c/c	20·4	+07	49	48	5	-	-	7	7	26	-	-

OBSERVATIONS at 06h. G.M.T. 1st January 1955

Station	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form Low † (25)	Cloud: Form Medium → (26)	Cloud: Form High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer Amt. 0–8 (29)	Cloud: Main layer Ht. † (30)	Cloud: Lowest layer Amt. 0–8 (31)	Cloud: Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	090	09	64	c	30·2	+01	37	29	5	-	-	7	7	30	-	-	0
London Airport	090	09	58	c	30·0	+03	36	30	5	-	-	7	7	28	-	-	1
Tangmere ...																	
Bournemouth (Hurn	340	14	58	b	28·3	+04	33	30	-	-	-	0	-	-	-	-	0
	120	05	58	b	27·6	+05	33	30	5	-	-	2	2	21	-	-	1
Boscombe Down	100	09	32	b	28·5	+04	31	28	-	-	-	0	-	-	-	-	0
Felixstowe ...	100	20	39	c	31·6	+05	38	30	5	-	-	7	7	29	-	-	0
Gorleston ...	100	18	64	c	33·0	+02	40	31	5	-	-	7	7	32	-	-	0
West Raynham	100	08	59	c	32·7	+08	36	31	5	-	-	8	8	28	-	-	1
Mildenhall ...	130	09	68	c	31·8	+04	38	33	6	-	-	8	8	11	-	-	1
Cranfield ...	080	10	58	c	30·9	+05	35	29	5	-	-	8	8	28	-	-	0
Elmdon ...	080	02	50	c	30·8	+07	35	30	5	-	-	8	8	24	-	-	0
Cottesmore ...	090	16	58	c	32·1	+06	35	30	5	-	-	8	8	24	-	-	1
Watnall ...	090	07	58	c	32·4	+10	35	32	5	-	-	7	7	26	-	-	1
Ross-on-Wye ...	100	08	24	b	29·6	+03	35	30	6	-	-	1	1	15	-	-	1
Shawbury ...	120	14	48	c	30·7	+05	37	31	5	-	-	6	6	22	-	-	1
Bristol	060	07	40	bc	29·2	+08	32	30	-	-	1	3	-	-	3	87	3
Plymouth ...	100	12	63	b	24·5	+02	41	35	-	-	-	0	-	-	-	-	1
Chivenor ...	080	10	66	b	26·0	+05	39	34	-	-	-	0	-	-	-	-	1
St. Eval... ...	110	08	66	b	23·9	+00	40	37	-	-	-	0	-	-	-	-	1
Culdrose ...	100	25	62	b	23·7	+03	43	36	5	-	-	1	1	18	-	-	1
Scilly, St. Mary's	110	16	61	c	21·2	-03	45	40	5	-	-	6	6	10	-	-	1
Guernsey ...	090	16	60	b	24·8	+02	36	27	-	-	-	0	-	-	-	-	1
Aberporth ...	110	12	58	b	26·9	+08	35	29	-	-	-	0	-	-	-	-	1
Pembroke Dock	100	12	48	c	26·5	+07	40	35	5	-	-	8	8	24	-	-	1
Holyhead (Valley)	050	01	26	c	27·6	+05	36	34	5	-	2	6	2	35	-	-	1
Manchester ...	150	14	48	c	31·3	+06	37	28	5	-	-	8	8	24	-	-	1
Squires Gate ...	120	10	48	c	30·9	+07	34	31	5	-	-	6	6	24	-	-	1
Silloth	090	08	51	bc	31·5	+12	37	31	5	7	8	5	3	35	-	-	1
Lindholme ...	100	06	38	c	33·2	+09	36	32	5	-	-	8	8	30	-	-	0
Spurn Head ...	140	28	66	c	33·1	+06	40	34	5	-	-	8	8	25	-	-	0
Dishforth ...	130	07	58	c	33·2	+07	38	34	5	-	-	8	8	28	-	-	1
Tynemouth ...	160	15	70	c	33·6	+07	42	33	5	-	-	8	8	36	-	-	1
Leuchars ...	120	11	66	c	33·4	+04	42	34	5	-	-	8	8	29	-	-	1
Eskdalemuir ...	130	09	66	bc	32·0	+00	33	30	5	-	-	5	5	14	-	-	1
Prestwick ...	090	07	48	b	31·0	+08	36	31	-	-	-	0	-	-	-	-	0
West Freugh ...	120	18	58	c	29·4	+04	40	35	5	-	-	8	8	27	-	-	1
Ronaldsway ...	110	24	44	c	29·0	+03	40	33	5	-	-	8	8	17	-	-	1
Tiree	140	15	59	b	29·4	+08	41	33	5	-	-	2	2	40	-	-	1
Benbecula ...	150	17	81	b	29·5	+08	42	34	-	-	-	0	-	-	-	-	1
Stornoway ...	120	07	66	b	30·2	+04	44	40	-	-	-	0	-	-	-	-	1
Cape Wrath ...	140	05	83	b	29·9	-02	38	38	-	-	-	0	-	-	-	-	0
Sule Skerry ...	140	09	81	c	31·6	+00	42	40	5	-	-	8	8	15	-	-	
Renfrew ...	070	09	40	b	31·8	+05	37	32	5	-	-	2	2	40	-	-	1
Dyce	170	08	64	c	34·4	+04	42	34	5	-	-	8	8	27	-	-	1
Wick	140	11	48	c	33·9	+09	41	33	5	-	-	8	8	33	-	-	1
Lerwick ...	150	13	74	c	37·0	+09	41	37	5	-	-	8	8	22	-	-	1
Blacksod Point	120	27	70	bc	21·8	+05	46	43	8	-	-	3	3	19	-	-	
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Aldergrove ...	110	16	58	c	27·9	+02	40	36	5	-	-	8	8	14	-	-	1
Castle Archdale	120	10	62	c/c	26·1	+10	44	41	5	-	-	8	7	24	3	15	1
Birr Castle ...	130	13	70	c	23·9	+08	44	41	5	-	-	8	8	24	-	-	1
Collinstown ...	150	16	61	c/d	26·8	+08	43	38	6	-	-	8	8	13	-	-	1
Rineanna ...	120	23	57	c/c	21·6	+05	47	45	6	-	-	8	8	10	2	07	1
Valentia ...	100	10	80	bc	20·4	+04	46	40	2	-	-	4	4	28	-	-	1
Midleton ...	130	15	66	dr	22·7	+12	47	44	6	-	-	8	8	11	-	-	1

OBSERVATIONS during NIGHT

Station	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature: 21h.–09h. Min. °F. (41)	Temperature: 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm (43)
Kew	c2o	cc2o	35	29	-
London Airport	cb	bbcc	35	34	-
Tangmere ...					
Bournemouth (Hurn	bm.w	bm.cm.	32	29	-
	bcm.	bm.c2.	33	28	-
Boscombe Down	bcm.bm.x	bm.x	30	27	TR
Felixstowe ...	bcm.bm.	cm.c	38	35	-
Gorleston ...	bm.bc2.	co	37	35	-
West Raynham	bm.m.xbc	bccm.c	32	27	-
Mildenhall ...	bm.wbc	c	32	29	TR
Cranfield ...	cm.	bcm.cm.c	32	28	-
Elmdon ...	c2o	c2o	34	32	-
Cottesmore ...	cm.bm.	cm.c	32	29	-
Watnall ...	cm.	cm.c	34	32	-
Ross-on-Wye ...	cm.	cm.cbm.c	34	25	-
Shawbury ...	cm.	cm.x2n7.	35	31	-
Bristol	cbc	bc	31	26	-
Plymouth ...	c2o.b	bcb2.cwcm.	40	32	-
Chivenor ...	bccbm.	bbcm.	37	33	-
St. Eval... ...	cbcb	bbcc	39	34	-
Culdrose ...	cicl.ccbcc	cbbcc	42	38	TR
Scilly, St. Mary's	c.dc.dc	ccbc	44	*	*
Guernsey ...	cbcb	bbc	35	31	-
Aberporth ...	bcm.cm.w	b2.xc2.x	34	27	-
Pembroke Dock	bbcm.	bm.cm.	39	36	-
Holyhead (Valley)	cm.bm.	bcm.cm.	33	31	-
Manchester ...	bc2o	c2o	34	29	-
Squires Gate ...	cm.	cm.	32	28	-
Silloth	bc2.cm.	cbc2.m.c	35	30	-
Lindholme ...	cbm.	bccm.	32	30	-
Spurn Head ...	bc.o	oc	39	*	-
Dishforth ...	cb.ccm.	cm.c	38	36	-
Tynemouth ...	c	c	41	38	-
Leuchars ...	bcc	c	40	36	-
Benbecula ...	bc	bcc	30	27	-
Stornoway ...	bcc	bbc	40	29	-
Cape Wrath ...	b	by	38	33	-
Renfrew ...					
Dyce	b2o	bcm.	35	32	-
	cm.c	c	40	37	-
Wick	cm.	cm.	41	39	-
Lerwick ...	c	c	40	37	-
Blacksod Point	c	bc			
Malin Head ...	*	*	*	*	*
Aldergrove ...	cm.	cm.	39	39	-
Castle Archdale	c	c.r.mc	41	37	TR
Birr Castle ...	r	r	42	41	0·6
Collinstown ...	c	d	41		TR
Rineanna ...	d	r	45	44	3
Valentia ...	bc	bc	41	36	TR
Midleton ...	p	r	46	45	1

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med. →	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LEVERRIER	52° 12′	20° 12′	1007	+09	140	26	c	c	54	53	50	45	5	-	-	5	5	27
WEATHER RECORDER	58°36	17° 6′	1019	+01	150	22	bc	c	49	49	46	98	2	-	-	4	4	11
MERMOZ	45° 0′	16° 0′	1007	-08	150	21	b	b	57	57	50	70	-	-	-	0	0	3
CUMULUS	65°54′	01° 18′E	1030	+45	260	24	bc	bc	41	43	36	97	5	-	-	5	5	17½
WEATHER EXPLORER	61°54′	32°48′	1005	-49	030	35	r.r.	r	40	41	37	97	7	2	-	5	8	6½
U.S. SHIP "C"	52°48′	35°30′	997	+00	320	39	c	c	42	46	35	63	6	-	-	8	8	11½
U.S. SHIP "D"	44° 0′	41° 0′	1013	-41	230	17	d.	d	50	62	43	65	-	2	-	0	8	11
WEATHER OBSERVER	57°12′	12°54′	1022	+02	150	19	bc	r	49	50	45	98	5	-	-	4	4	5
TAMAROA	49°18′	06°42′	1019	+00	130	18	c	bc	51	62	49	98	2	2	-	3	8	5
SUFFOLK	47°54′	13°48′	1012	+20	200	17	c	b	55	56	55	98	5	-	-	8	8	5

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med. →	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LEVERRIER	51°54′	20°6′	1008	+11	150	24	ir.	c	54	53	52	60	5	-	-	8	8	16
WEATHER RECORDER	58°12′	16°12′	1021	+02	130	26	c	c	49	49	47	97	5	-	-	6	6	11
MERMOZ	45° 0′	16° 0′	1007	+00	140	23	b	b	59	59	50	70	-	-	-	0	0	5
CUMULUS	66° 0′	01° 42′E	1036	+35	320	11	b	bc	39	41	32	98	5	-	-	1	1	13
WEATHER OBSERVER	57°36′	14° 18′	1020	-12	130	23	c	c	49	48	45	98	5	-	-	8	8	6½
WEATHER EXPLORER	61°54′	32°54′	999	-15	070	22	c/r	r	43	41	42	96	7	2	-	6	8	11
U.S. SHIP "C"	52°48′	35°30′	998	+01	290	30	c	b	42	47	36	63	5	-	-	6	6	13
U.S. SHIP "D"	44° 0′	41° 0′	1003	-36	270	32	ir.	d	57	60	53	58	-	2	-	8	8	14
CIRRUS	47°12′	09°18′	1016	-18	100	07	c	bc	54	55	54	58	5	4	-	5	6	3
STRATHEDEN	40° 0′	09°36′	1008	-31	150	16	b	b	55	60	51	99	-	1	-	0	1	5

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*Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34009 — Date of Issue. Sunday 2nd January 1955

OBSERVATIONS at 12h. G.M.T. 1st January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F (7)	Temp.: Dew point °F (8)	Cloud: Form Low (9)	Form Medium (10)	Form High (11)	Cloud: Total amount 0-8 (12)	Main layer: Amt. 0-8 (13)	Main layer: Ht. (14)	Lowest layer: Amt. 0-8 (15)	Lowest layer: Ht. (16)
Kew	090	11	34	c	31·5	+02	39	29	6	-	-	8	8	15	3	09
London Airport	090	16	48	c	31·4	+03	38	30	5	-	-	8	8	28	-	-
Tangmere	100	19	57	c	30·1	00	37	30	5	-	-	7	7	30	-	-
Bournemouth (Hurn	090	10	58	c	29·5	+06	37	28	5	-	-	8	8	20	-	-
Boscombe Down	120	14	58	c	30·2	-02	35	29	5	-	-	7	7	28	-	-
Felixstowe	090	19	70	c	32·6	+01	38	30	5	-	-	8	8	26	-	-
Gorleston	090	18	60	c	34·6	+04	38	30	5	-	-	8	8	24	-	-
West Raynham	090	13	80	c	33·8	+01	37	28	5	-	-	8	8	30	-	-
Mildenhall	110	15	66	c	33·2	+02	38	30	5	-	-	8	8	25	-	-
Cranfield	090	14	64	c	32·7	+03	36	27	5	-	-	8	8	30	-	-
Elmdon	090	12	58	c	32·7	+02	37	28	5	-	-	8	8	25	-	-
Cottesmore	080	14	66	c	33·8	+05	36	29	5	-	-	8	8	30	-	-
Watnall	090	11	61	c	33·6	00	37	28	5	-	-	8	8	40	-	-
Ross-on-Wye	090	08	64	c	31·2	00	37	27	5	-	-	8	8	25	-	-
Shawbury	120	21	63	c	32·8	+02	37	29	5	-	-	8	8	28	-	-
Bristol	100	10	62	c	30·9	+02	37	29	5	-	-	7	7	26	-	-
Plymouth	100	16	58	c	26·3	+03	42	33	2	-	8	6	4	25	-	-
Chivenor	100	18	58	c	28·3	+05	39	33	5	3	2	7	2	30	-	-
St. Eval	080	14	63	bc	26·0	+03	43	36	5	-	2	5	2	30	-	-
Culdrose	100	24	74	c	24·9	+02	43	35	8	-	1	6	4	18	-	-
Scilly, St. Mary's	100	16	61	bc	23·7	+06	44	37	5	-	-	5	5	14	-	-
Guernsey	090	14	62	b	26·0	-01	39	31	1	-	1	1	1	16	-	-
Aberporth	090	12	58	bc	29·5	+05	38	27	1	3	2	5	1	25	-	-
Pembroke Dock	100	15	58	c	28·9	+09	39	32	5	-	-	7	7	25	-	-
Holyhead (Valley)	-	0	58	c	30·2	+11	39	33	5	3	7	8	1	30	-	-
Manchester	130	18	59	c	33·6	+04	37	28	5	-	-	8	8	25	-	-
Squires Gate	120	12	40	c	33·1	+04	38	30	5	-	-	7	7	27	2	22
Silloth	090	03	66	c	34·9	+09	39	30	8	3	6	7	2	40	1	30
Lindholme	080	10	66	c	34·9	+04	38	32	5	-	-	8	8	30	-	-
Spurn Head	140	20	66	c	34·4	+02	41	35	5	-	-	7	7	25	-	-
Dishforth	100	10	62	c	35·5	+06	38	32	5	-	-	8	8	30	1	25
Tynemouth	160	15	66	c	35·7	+05	42	32	5	-	-	7	7	30	-	-
Leuchars	130	05	66	c	35·9	+08	41	35	5	-	-	7	7	35	-	-
Eskdalemuir	130	08	66	c	35·2	+07	36	29	5	-	-	8	8	17	-	-
Prestwick	120	12	74	c	34·3	+13	40	30	5	4	1	6	1	40	-	-
West Freugh	120	25	60	c	32·6	+09	40	34	5	3	2	7	3	25	-	-
Ronaldsway	100	23	62	c	32·4	+11	39	31	5	-	8	7	7	18	-	-
Tiree	140	20	58	b	32·8	+16	42	32	5	3	2	5	5	28	-	-
Benbecula	150	15	74	bc	32·6	+13	43	34	1	-	2	5	1	25	-	-
Stornoway	-	0	66	bc	33·1	+13	41	39	-	-	1	5	-	-	-	-
Cape Wrath	230	02	83	b	32·5	+09	42	32	-	-	8	1	-	-	-	-
Sule Skerry	140	13	93	b	33·8	+27	44	38	2	-	-	2	2	20	-	-
Renfrew	050	06	15	bc	35·2	+10	37	31	-	4	1	4	-	-	-	-
Dyce	150	09	61	c	36·7	+07	42	32	5	-	-	8	8	25	5	30
Wick	150	14	82	c	36·2	+11	43	32	5	-	-	7	7	25	-	-
Lerwick	170	14	74	c	38·7	+07	42	36	5	-	-	8	8	25	-	-
Blacksod Point	130	33	58	c	24·9	+14	45	43	7	-	-	8	8	15	-	-
Malin Head	160	13	31	c	30·6	+09	41	35	5	-	1	6	4	21	-	-
Aldergrove	120	15	48	c	31·4	+12	40	35	5	-	-	8	7	22	1	18
Castle Archdale	130	10	50	c	28·9	+08	41	38	5	-	1	6	5	50	-	-
Birr Castle	100	11	62	c	27·9	+15	41	34	6	-	6	7	5	39	3	21
Collinstown	140	16	62	c	30·0	+12	41	31	8	3	2	7	5	40	3	22
Rineanna	110	18	56	c	26·0	+17	44	40	5	-	-	7	7	30	2	14
Valentia	100	11	77	c	23·1	+11	51	45	8	-	-	6	4	19	-	-
Midleton	130	15	59	c/r	26·1	+10	45	38	5	-	-	8	8	46	5	21

OBSERVATIONS at 18h. G.M.T. 1st January 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F (23)	Temp.: Dew point °F (24)	Cloud: Form Low (25)	Form Medium (26)	Form High (27)	Cloud: Total amount 0-8 (28)	Main layer: Amt. 0-8 (29)	Main layer: Ht. (30)	Lowest layer: Amt. 0-8 (31)	Lowest layer: Ht. (32)	21 h. State of ground (33)
Kew	070	16	56	c/s	31·9	+03	38	28	5	-	-	8	8	20	1	16	0
London Airport	070	15	56	c	31·9	+06	38	30	5	-	-	8	8	26	-	-	1
Tangmere	080	17	61	c	30·6	+05	36	30	5	-	-	8	8	25	-	-	0
Bournemouth (Hurn	090	14	58	c	30·1	+03	37	28	5	-	-	8	8	26	-	-	1
Boscombe Down	110	09	57	c	30·5	+04	35	29	5	-	-	8	8	21	-	-	0
Felixstowe	080	19	66	c	32·5	+01	39	31	5	-	-	8	8	25	-	-	0
Gorleston	100	17	62	c/r	34·5	+01	39	31	5	-	-	8	8	24	-	-	1
West Raynham	070	07	74	c	34·0	+02	36	27	5	-	-	8	8	26	-	-	1
Mildenhall	100	07	66	c	33·6	+04	37	32	5	-	-	8	8	31	1	12	1
Cranfield	070	10	61	c	33·2	+06	35	29	5	-	-	8	8	27	-	-	0
Elmdon	090	12	50	c	33·6	+09	36	28	5	-	-	8	8	18	-	-	0
Cottesmore	070	13	66	c	34·4	+03	35	31	5	-	-	8	8	24	-	-	1
Watnall	090	12	58	c	34·5	+06	36	33	5	-	-	8	8	35	-	-	1
Ross-on-Wye	100	07	34	c	32·2	+10	36	26	5	-	-	8	8	25	-	-	1
Shawbury	110	19	63	c	34·1	+09	36	29	5	-	-	8	8	28	-	-	1
Bristol	090	12	56	c	31·6	+07	36	27	5	-	-	8	8	20	-	-	1
Plymouth	090	23	57	c	28·0	+14	39	31	5	-	-	6	6	31	-	-	1
Chivenor	100	06	58	c	30·3	+10	36	29	5	-	-	7	7	23	-	-	1
St. Eval	080	21	58	b	27·2	+13	37	34	-	-	-	0	-	-	-	-	1
Culdrose	090	25	60	bc	26·6	+11	42	32	8	-	-	3	2	18	1	12	0
Scilly, St. Mary's	100	19	61	bc	28·8	+04	43	38	8	-	-	3	3	14	-	-	1
Guernsey	060	26	62	bc	26·9	+14	38	30	1	-	-	5	5	16	-	-	1
Aberporth	080	10	58	b	30·8	+08	35	26	5	-	2	1	1	25	-	-	1
Pembroke Dock	100	13	58	c	30·0	+07	38	30	5	-	-	6	6	25	-	-	1
Holyhead (Valley)	060	04	58	c	31·4	+07	38	29	5	-	2	6	1	56	-	-	1
Manchester	120	15	57	c	34·3	+05	37	27	5	-	-	7	7	32	-	-	1
Squires Gate	090	07	40	c	34·2	+03	36	31	5	-	-	7	7	36	3	25	1
Silloth	080	09	68	bc	35·9	+05	35	32	5	-	-	4	4	40	-	-	1
Lindholme	040	05	59	c	35·7	+08	37	32	5	-	-	8	8	38	5	30	0
Spurn Head	120	15	67	c	34·9	+03	40	35	5	-	-	7	7	25	-	-	0
Dishforth	100	10	62	c	35·5	+06	38	34	5	-	-	8	8	31	-	-	1
Tynemouth	-	0	58	c/d	36·0	+05	38	34	5	-	-	8	8	31	-	-	1
Leuchars	110	15	63	c	36·8	+07	42	32	5	-	-	7	7	36	-	-	1
Eskdalemuir	100	03	66	c	37·2	+07	41	34	5	-	-	7	7	40	2	20	1
Prestwick	080	05	58	c	36·8	+03	35	34	5	-	-	8	8	25	-	-	1
West Freugh	020	03	58	b	35·6	+09	35	29	5	4	-	2	2	40	-	-	0
Ronaldsway	120	18	58	c	34·3	+12	40	32	5	-	-	8	8	31	-	-	1
Tiree	110	23	48	c	33·5	+09	35	31	5	-	-	8	8	23	-	-	1
Benbecula	140	22	59	bc	34·5	+12	40	31	1	-	1	4	3	22	-	-	1
Stornoway	170	12	66	b	34·4	+13	38	34	5	-	-	1	1	30	-	-	0
Cape Wrath	-	0	66	b	34·9	+06	31	29	5	-	1	1	1	60	-	-	1
Sule Skerry	180	02	83	b	35·1	+11	40	36	-	-	-	0	-	-	-	-	0
Renfrew	140	13	82	b	35·1	+11	43	36	1	3	-	2	2	20	-	-	0
Dyce	060	05	11	c	36·5	+10	35	31	5	-	-	6	6	32	-	-	1
Wick	140	11	58	c/d	38·5	+12	42	32	5	-	-	8	8	40	2	30	1
Lerwick	140	12	82	c	37·8	+07	43	32	5	-	-	6	6	35	-	-	1
Blacksod Point	130	15	74	c	40·7	+13	41	37	8	-	-	7	7	30	5	14	1
Malin Head	130	30	90	c	27·4	+15	43	38	6	-	-	7	7	15	-	-	1
Aldergrove	090	09	26	c	32·5	+14	39	35	5	-	-	7	7	21	-	-	1
Castle Archdale	110	14	59	c	32·9	+10	39	32	5	-	-	8	8	30	-	-	1
Birr Castle	130	13	60	c	31·3	+15	39	34	5	-	-	7	7	35	4	28	1
Collinstown	120	11	64	c	30·5	+20	39	31	5	-	-	8	8	38	2	25	1
Rineanna	120	10	62	c	31·7	+10	39	31	5	-	-	8	8	25	-	-	1
Valentia	090	15	56	c	28·8	+16	40	35	5	-	-	7	-	-	-	-	1
Midleton	090	15	61	c	26·2	+14	46	38	8	-	-	7	6	24	-	-	1
	130	15	59	c	27·9	+11	43	34	5	-	-	8	8	26	-	-	1

OBSERVATIONS during DAY

Stations	Weather (09h. to 15h.) (34)	Weather (15h. to 21h.) (35)	Max. Temp. 09h.-21h. °F (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	c2₀	c2₀ci₅₀c	39	0·0	Tr
London Airport	c	c	39	*	-
Tangmere	cm₀	cm₀c	37	0·0	-
Bournemouth (Hurn	c2₀	c2₀	37	*	-
Boscombe Down	cm₀c2₀	c2₀	35	0·0	-
Felixstowe	c	c	39	0·0	-
Gorleston	020	oir₅₀prsh₀	39	0·0	Tr
West Raynham	ccpr₀.₅₀c	c	37	0·0	Tr
Mildenhall	cir₀.₅₀	cirs₀	38	0·0	Tr
Cranfield	c	c	36	0·0	-
Elmdon	c2₀	c2₀	37	0·0	-
Cottesmore	c	cci₅₀c	36	0·0	Tr
Watnall	c2₀	cm₀	37	0·0	-
Ross-on-Wye	0	0	37	0·0	-
Shawbury	cm₀c	c	37	0·0	-
Bristol	bcc	c	37	0·0	-
Plymouth	cb₀₀b₈₀	b₈₀c₈₀	44	4·1	-
Chivenor	bcm₀c2₀	c2₀	40	2·1	-
St. Eval	cbbc	bm₀	43	6·2	-
Culdrose	cbc	cbc	44	4·9	-
Scilly, St. Mary's	cbc	bc	45	3·4	-
Guernsey	bcb	bbcc	40	7·0	-
Aberporth	c2₀xbc2₀bc	bcbbc2₀wcwcx	38	3·1	-
Holyhead (Valley)	cm₀	cm₀	40	0·0	-
Manchester	cm₀2₀	cm₀bcbwx	40	0·1	-
Squires Gate	c	c2	38	0·0	-
Silloth	cm₀	cm₀	38	0·0	-
Lindholme	c	cbccm₀	39	0·0	-
Spurn Head	c	c	41	0·0	-
Dishforth	c	cm₀	39	0·0	-
Tynemouth	cc2₀cd₀	cd₀m₀c	39	0·0	Tr
Leuchars	c	c	42	0·0	-
Eskdalemuir	c	c	42	0·0	-
Prestwick	c	bccm₀	39	1·0	-
West Freugh	cm₀	cm₀c	41	0·0	-
Ronaldsway	c	c	40	0·0	-
Tiree	c	cbcb	42	0·0	-
Benbecula	bcc	bcb	43	*	-
Stornoway	bc	bcbx	43	4·5	-
Cape Wrath	b	b	45	*	-
Sule Skerry			44	*	-
Renfrew	bc2₀	cffc2	40	0·0	-
Dyce	c2₀	cdbd₀m₀c	42	0·0	Tr
Wick	c	c	43	0·0	-
Lerwick	c	cpr₀c	43	0·0	Tr
Blacksod Point	r	c	47	0·0	Tr
Malin Head	c	c	41	0·0	-
Aldergrove	cm₀	c2₀	41	0·0	-
Castle Archdale	cm₀	c	42	0·0	-
Birr Castle	r	c	42	0·1	Tr
Collinstown	r	c	41	1·0	-
Rineanna	r	c	46	0·0	0·1
Valentia	c	c	52	1·3	-
Midleton	d	c	47	0·0	0·2

12h. Ships' Reports

Ship	Lat. N. ° '	Long. W. ° '	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med †	Cloud: Form High †	Cloud: Amount Low †	Cloud: Amount Total †	Height of waves ft.
MERMOZ	45° 00'	16° 00'	1010	+08	130	23	b	b	57	57	46	70	1	-	-	1	1	8
CUMULUS	65° 54'	01° 52'E	1021	+16	090	03	b	b	39	42	30	98	5	7	1	1	2	6½
APAPA	44° 36'	09° 42'	1014	-15	100	09	c	c	55	53	49	98	4	-	-	8	8	1½
WEATHER EXPLORER	62° 00'	33° 18'	996	-14	090	21	c/r	r	43	41	41	96	6	7	-	5	8	13
WEATHER OBSERVER	58° 06'	15° 42'	1021	+01	140	27	c	c	50	51	44	98	5	-	-	8	8	6½
LE VERRIER	52° 06'	20° 06'	1012	+16	140	20	c	b	57	56	50	97	5	-	-	7	7	16
U.S. SHIP 'C'	52° 48'	35° 30'	1001	+15	250	16	jp	c	42	47	34	63	2	3	-	5	6	9½
U.S. SHIP 'D'	44° 00'	41° 00'	1007	+15	270	30	c	n	53	63	41	63	5	-	-	8	8	14
WEATHER RECORDER	58° 00'	15° 36'	1022	+18	130	23	c	c	49	50	46	97	8	-	-	8	8	14
PACIFIC FORTUNE	48° 24'	14° 30'	1016	00	120	09	c	c	56	55	51	99	5	-	2	5	6	14

18h. Ships' Reports

Ship	Lat. N. ° '	Long. W. ° '	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med †	Cloud: Form High †	Cloud: Amount Low †	Cloud: Amount Total †	Height of waves ft.
LE VERRIER	52° 18'	20° 06'	1015	+20	160	16	c	c	54	51	50	97	5	-	-	7	7	8
WEATHER OBSERVER	58° 18'	16° 30'	1021	+03	150	30	bc	bc	49	49	44	98	6	4	-	2	3	13
CUMULUS	65° 48'	02° 24'	1043	+14	150	11	b	b	41	45	32	98	-	4	1	0	2	6½
MERMOZ	45° 00'	16° 00'	1012	+22	110	25	bc	b	57	57	46	70	8	-	-	3	3	6½
WEATHER EXPLORER	62° 00'	33° 30'	991	-09	120	21	dd	d	42	41	42	94	6	-	-	8	8	11
U.S. SHIP 'C'	52° 48'	35° 30'	1000	-15	180	20	bc	c	42	46	33	63	-	7	1	0	4	8
U.S. SHIP 'D'	44° 00'	41° 00'	1007	+07	250	26	c	c	52	62	38	69	2	-	-	8	8	13
PHILOMEL	44° 06'	08° 36'	1012	-02	090	04	c	c	53	57	44	99	7	3	8	4	7	5
PACIFIC FORTUNE	47° 30'	16° 18'	1015	00	080	12	b	b	55	54	54	99	-	-	-	0	0	17½
WEATHER RECORDER	51° 30'	14° 24'	1026	+17	140	24	bc	c	48	49	46	97	5	-	-	4	4	14

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Saturday 1st January

1955

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 represents 10 Kt. and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ● Sky covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain. , Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm T Thunder ≡ Fog = Mist

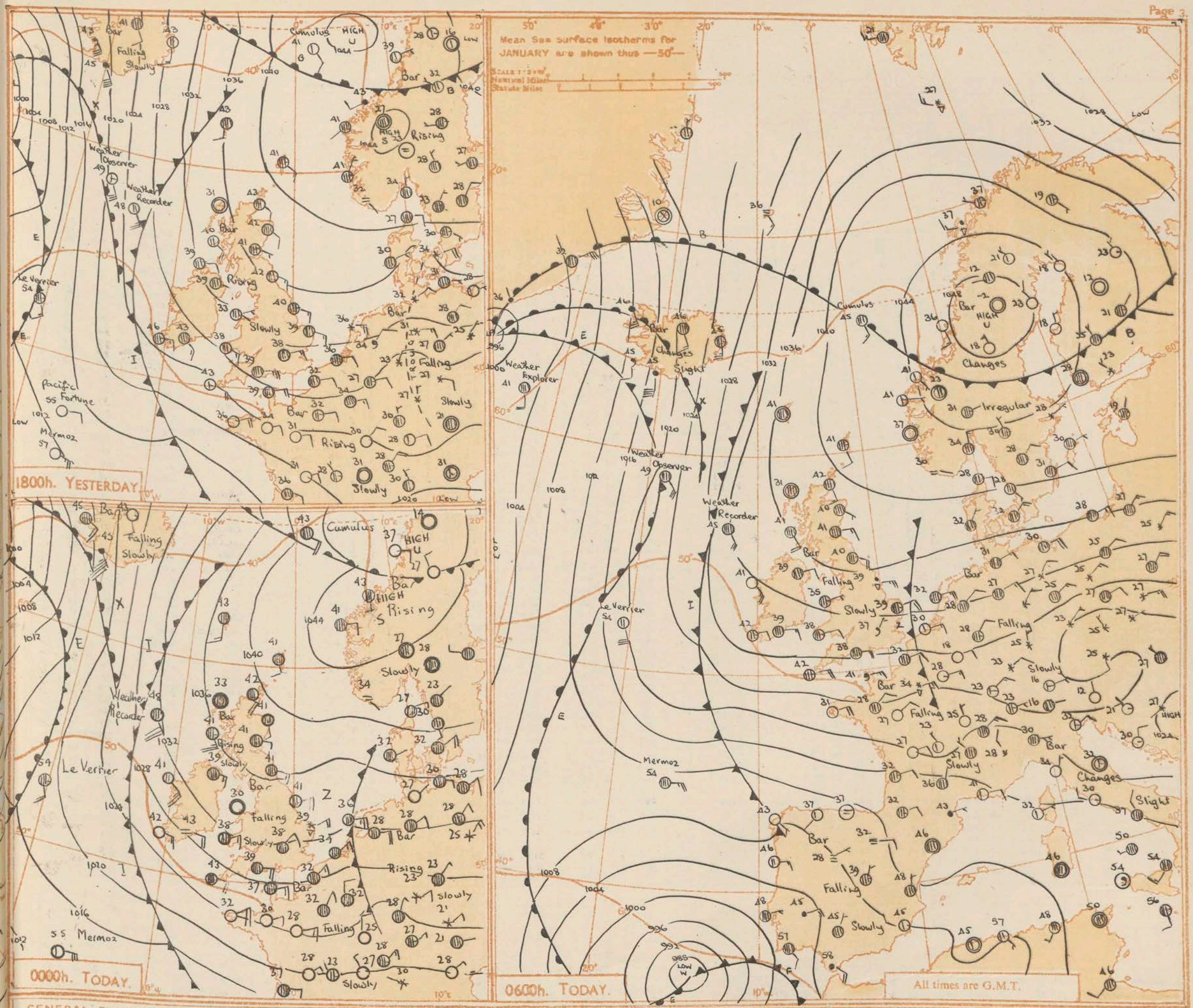
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.



GENERAL SYNOPTIC DEVELOPMENT:-

An anticyclone has developed over Scandinavia and is expected to move eastwards. A ridge of high pressure extending from it to the British Isles will be maintained.

Issued at mid-day today Sunday 2nd January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

In all districts it will be mainly cloudy, but there will be some bright intervals, chiefly in the west of Scotland. There will be scattered mainly slight showers of sleet or snow over England and Wales, and of rain or sleet over Eastern districts of Scotland with snow on high ground. It will be generally cold with frost in places at night.

OUTLOOK FOR the following 24 hours:-

Little change.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 2nd January 1955

OBSERVATIONS at 06h. G.M.T. 2nd January 1955

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Height above M.S.L.	00h. Wind Direction (degrees) (1)	00h. Wind Speed (kts.) (2)	00h. Visibility † (3)	00h. Present Weather (4)	00h. Pressure Bar at M.S.L. mb (5)	00h. Pressure Change in 3 hrs. (6)	00h. Temp. °F. Dry Bulb (7)	00h. Temp. °F. Dew point (8)	00h. Cloud Form Low † (9)	Form Medium † (10)	Form High † (11)	Total amount 0–8 (12)	Main layer Amt. 0–8 (13)	Main layer Ht. † (14)	Lowest layer Amt. 0–8 (15)	Lowest layer Ht. † (16)	06h. Wind Direction (degrees) (17)	06h. Wind Speed (kts.) (18)	06h. Visibility † (19)	06h. Present Weather (20)	06h. Pressure Bar at M.S.L. mb (21)	06h. Pressure Change in 3 hrs. (22)	06h. Temp. °F. Dry Bulb (23)	06h. Temp. °F. Dew point (24)	06h. Cloud Form Low † (25)	Form Medium † (26)	Form High † (27)	Total amount 0–8 (28)	Main layer Amt. 0–8 (29)	Main layer Ht. † (30)	Lowest layer Amt. 0–8 (31)	Lowest layer Ht. † (32)	21h. State of ground † (33)	Weather 21h. to 03h. (39)	Weather 03h.–09h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew ...	18	*	*	*	*	*	*	38	*	*	*	*	*	*	*	*	*	040	14	80	c/s	30·3	−10	37	31	5	-	-	8	8	40	2	20	0	c2o c	cis oc	36	34	Tr
London Airport	82	040	11	56	c/d	31·2	−05	38	31	5	-	-	8	8	28	-	-	020	06	56	id o	30·2	−10	37	32	5	-	-	8	8	29	-	-	1	cid o	cid oc	36	33	Tr
Tangmere ...	53	060	13	62	c	30·2	−02	37	32	5	-	-	8	8	26	-	-	040	15	56	cd o	28·7	−12	36	34	5	-	-	8	8	39	6	24	1	c	cr o s o m o cm.	35	33	Tr
Bournemouth (Hurn	34	100	11	66	c	30·0	−03	37	30	5	-	-	8	8	29	-	-	100	10	66	c	29·0	−10	37	30	5	-	-	8	8	30	-	-	1	c2o	c2o cm o	36	34	-
Boscombe Down	414	090	08	57	c	30·5	−03	36	31	5	-	-	8	8	25	-	-	070	08	58	c	29·6	−08	35	31	5	-	-	8	8	25	-	-	0	c2 o cm o	cm. c	35	31	-
Felixstowe ...	10	080	20	62	c/ps	31·7	−15	39	33	3	-	7	8	8	26	1	15	070	20	61	c	30·5	−07	39	31	5	-	-	7	7	34	-	-	0	c cpr o s o c	cpr o c b c c	35	31	Tr
Gorleston ...	5	060	18	60	ps o	33·3	−05	39	32	3	-	-	8	8	23	-	-	060	22	64	c/pr	32·8	−06	39	30	3	-	-	7	7	25	-	-	1	opr o s o h.	opr o h o c	37	35	1
West Raynham	250	060	09	74	c	33·4	−04	35	32	5	-	-	8	8	35	-	-	050	12	18	b/rs	32·7	−04	35	33	5	-	-	2	2	50	-	-	1	cir o	cr o s bm. cb c	34	29	0·1
Mildenhall ...	15	080	09	66	c	32·1	−04	36	33	5	-	-	8	8	34	-	-	080	09	63	r o s o	32·1	−04	36	34	5	-	-	7	7	56	1	15	1	c	cr s m o c	34	33	Tr
Cranfield ...	340	060	13	64	c	32·0	−02	35	30	5	-	-	8	8	45	-	-	050	14	63	cs o	32·2	−07	35	31	5	-	-	8	8	42	2	15	1	c	cc cir. m.	34	30	Tr
Elmdon ...	324	060	08	62	c	33·3	−05	35	29	5	-	-	8	8	29	-	-	050	11	66	cir o	32·6	−08	35	32	5	-	-	8	8	31	-	-	0	c	cc r o s o c	34	34	Tr
Cottesmore ...	440	050	09	58	cs o	34·2	−04	35	33	5	-	-	8	8	31	-	-	040	11	48	c/s	33·7	−05	33	33	6	-	-	8	8	31	5	06	1	cis o m o	cs xir. s o c	32	32	0·6
Watnall ...	366	060	06	58	c	34·3	−02	35	34	5	-	-	8	8	34	-	-	050	12	58	r o s o	33·9	−05	35	34	7	-	-	8	8	37	2	07	1	cm.	c cir o s o cm.	35	33	Tr
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	070	10	64	o	31·7	−05	36	28	6	-	c	8	8	20	-	-	1	0	od oc	35	34	Tr
Shawbury ...	235	050	05	66	c	34·2	−01	35	30	5	-	-	8	8	35	-	-	060	08	59	c	32·6	−06	36	31	5	-	-	8	8	21	-	-	1	c	ccm. c	34	33	-
Bristol	192	060	13	58	c	31·5	−04	36	29	5	-	-	8	8	25	-	-	070	14	63	c	30·9	−05	36	31	5	-	-	8	8	25	-	-	1	c	c	35	34	-
Plymouth ...	90	080	12	58	c	28·5	+01	37	30	5	-	-	8	8	32	-	-	070	12	59	c	27·8	−02	38	30	5	-	-	8	8	36	-	-	1	cm o c	cm. c	37	35	-
Chivenor ...	20	090	10	58	c	30·2	00	38	29	5	-	-	8	8	32	-	-	090	10	62	c	29·9	−01	38	31	5	-	-	8	8	30	-	-	1	c2o	c	37	33	-
St. Eval... ...	336	060	15	58	bc	28·3	−01	35	31	5	-	-	3	3	25	-	-	060	12	61	c	28·1	−01	36	31	5	-	-	7	7	30	-	-	1	bm. bc b x cm.	bc c bc m. c	33	30	-
Culdrose ...	260	080	26	66	c	26·7	−04	40	34	5	-	-	8	8	18	-	-	080	26	62	c	26·3	−04	41	36	5	-	-	8	8	20	-	-	0	c	cid o c	37	35	Tr
Scilly, St. Mary's	158	080	21	61	c	25·0	+02	43	33	5	-	-	8	8	14			070	19	61	c	24·5	−05	42	33	5	-	-	7	7	14	-	-	1	co	o c o ir o	40	*	Tr
Guernsey ...	340	080	20	58	c	26·6	−02	36	30	1	-	-	6	6	20	-	-	080	20	58	c	26·0	−07	39	31	5	-	-	8	8	31	-	-	1	c	c	35	33	-
Aberporth ...	375	080	09	66	c	32·2	+06	35	27	5	-	-	8	8	23	-	-	070	08	66	c	31·7	−04	36	27	5	-	-	8	8	30	-	-	1	cx	bc x c x	34	27	-
Pembroke Dock	34	080	10	66	c	31·2	+05	38	30	5	-	-	8	8	27	-	-	060	15	66	c	30·7	−02	38	29	5	-	-	7	7	34	-	-	1	cm. c	c	37	35	-
Holyhead (Valley)	32	-	0	63	b	32·8	+05	30	27	-	-	-	0	-	-	-	-	070	05	58	c	33·6	+08	35	30	5	-	-	7	7	28	-	-	1	bx	bc x cm.	29	21	-
Manchester ...	248	110	10	58	c	34·5	−02	38	29	5	-	-	7	7	29	-	-	090	12	63	c	34·0	−07	37	28	5	-	-	8	8	32	-	-	1	c2o	c	36	35	-
Squires Gate ...	33	080	10	48	c	34·8	+03	38	31	5	-	-	8	8	38	-	-	080	08	56	c	34·9	−02	38	30	5	-	-	8	8	28	-	-	1	cm. o z o	c2o c	37	34	-
Silloth	25	090	03	57	c	36·9	+04	39	31	5	-	-	7	7	32	-	-	050	07	59	bc	36·7	−05	37	32	5	-	-	3	3	40	-	-	1	cm. c z o	cm. o w bc	34	29	-
Lindholme ...	21	050	10	66	c	35·3	−03	38	32	5	-	-	8	8	37	-	-	040	12	63	c	34·9	−02	37	34	5	-	-	8	8	40	3	25	1	cc z o	cc ir o cm.	36	33	0·1
Spurn Head ...	29	080	21	63	c	34·8	00	41	33	5	-	-	7	7	25	-	-	090	24	63	pr o	34·3	−04	39	36	3	-	-	7	7	20	-	-	1	cpr o	cpr o	37	*	Tr
Dishforth ...	105	040	07	66	c	36·5	+01	38	30	5	-	-	8	8	33	-	-	040	07	66	c	36·3	−02	37	31	5	-	-	8	8	27	-	-	1	c	c	37	35	-
Tynemouth ...	108	110	16	63	c	37·5	100	41	32	5	-	-	8	8	30	-	-	100	18	66	c	37·4	−04	40	29	5	-	-	7	7	25	-	-	1	c	c	40	37	-
Leuchars ...	36	120	07	66	c	38·4	+02	41	35	5	-	-	8	8	26	-	-	080	15	66	c	38·6	−04	42	32	5	-	-	8	8	27	-	-	1	c	c	39	37	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	080	02	66	c	37·8	−01	35	28	5	-	-	8	8	25	-	-	1	cm.	c	33	31	-
Prestwick ...	30	060	08	58	c	36·9	+03	39	31	5	-	-	7	7	36	-	-	060	09	66	c	37·3	−03	39	29	5	-	-	7	7	35	-	-	0	cm. o c2 o bc	bc a	36	34	-
West Freugh ...	50	080	16	68	c	35·5	+03	37	34	5	-	-	7	7	34	-	-	080	10	62	c	35·9	−02	38	31	5	-	-	7	7	37	-	-	1	cm.	cm. o bc	35	32	-
Ronaldsway ...	55	120	24	56	c	34·6	+02	41	30	5	-	-	7	7	27	-	-	100	23	56	c	34·9	−01	40	29	5	-	-	8	8	30	-	-	1	c	c	40	37	-
Tiree	29	150	23	59	c	35·6	+07	41	30	5	-	-	7	7	25	-	-	150	21	59	c	36·4	+01	41	30	5	-	-	8	8	28	-	-	1	bc a	c	40	37	-
Benbecula ...	18	170	18	66	bc	35·9	+06	39	32	5	-	1	4	3	30	-	-	160	13	66	c	37·3	+04	41	33	5	-	-	8	8	20	-	-	0	bbc	c	39	35	-
Stornoway ...	10	-	0	62	c	37·0	+10	33	32	5	-	-	6	6	36	-	-	-	0	66	c	38·2	+03	31	29	5	-	-	6	6	42	-	-	3	bbcc x	b x c x	29	20	-
Cape Wrath ...	367	180	05	83	b	36·5	+03	37	29	-	-	-	0	-	-	-	-	180	05	83	b	38·1	+02	36	27	-	-	-	0	-	-	-	-	3	b	b	33	31	-
Sule Skerry ...	43	140	13	82	b	37·5	+05	43	38	1	-	-	2	2	20	-	-	140	13	81	c	39·2	+10	42	33	8	-	-	8	8	15	-	-	0	*	*	40	36	-
Renfrew ...	28	090	08	28	c	37·8	+06	40	32	5	-	-	8	8	35	-	-	060	08	58	c	38·1	−03	39	31	5	-	-	8	8	55	-	-	1	cc z o	c2o	38	34	-
Dyce	185	160	04	66	c	39·5	+05	41	32	5	-	-	8	7	28	-	-	120	03	66	c	40·1	00	40	31	5	-	-	8	7	30	-	-	1	c	c	39	35	-
Wick	119	140	18	82	c	39·3	+06	42	30	5	-	-	8	8	34	-	-	140	17	81	c	40·3	+03	42	30	5	-	-	8	8	24	-	-	1	c	cy	41	39	-
Lerwick ...	269	150	10	74	c	42·0	+05	41	35	5	-	-	8	8	25	-	-	160	12	74	c	42·5	+01	41	33	5	-	-	7	7	35	-	-	1	c	cbc	37	31	-
Blacksod Point	18	130	27	81	bc	29·8	+13	41	36	8	-	-	4	4	21	-	-	130	24	70	b	31·2	+01	41	37	-	-	-	0	-	-	-	-	0	bc	b	38	35	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	38	-	-
Aldergrove ...	220	100	17	59	c	34·1	+05	39	33	5	-	-	8	8	28	-	-	080	12	58	c	34·8	+01	39	29	5	-	-	8	8	32	-	-	1	c2o	c2o	38	35	-
Castle Archdale	225	130	16	60	c	32·7	+02	39	31	5	-	-	8	8	30	-	-	120	10	63	c	32·7	+01	38	31	5	-	-	8	8	30	-	-	1	c	c	38	34	-
Birr Castle ...	231	130	08	64	c	31·4	+01	38	29	5	-	-	8	8	36	-	-	070	06	69	c	31·9	−02	37	29	5	-	-	8	8	38	-	-	1	c	c	36	35	-
Collinstown ...	226	140	12	66	c	33·0	+06	39	29	5	-	-	8	8	25	-	-																	1	c		37	37	-
Rineanna ...	10	100	20	59	c	30·4	+04	40	30	5	-	-	8	8	30	-	-	110	16	59	c	31·1	−01	38	31	5	-	-	8	8	30	3	12	1	c	c	36	35	-
Valentia ...	30	100	14	62	b	27·7	+09	42	32	-	-	-	0	-	-	-	-	070	10	62	bc	28·6	−02	42	33	5	-	-	5	5	27	-	-	1	b	bc	39	33	-
Midleton ...	30	110	18	58	c	29·5	+08	43	35	5	-	-	8	8	28	-	-	090	13	58	c	30·0	−01	39	31	5	-	-	8	8	28	-	-	1	c	c	39	37	-

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form. † Low	Cloud Form. † Med.	Cloud Form. † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52°42′	20°6′	1018	+10	150	16	c	c	54	53	50	97	c	-	-	7	7	8
WEATHER OBSERVER	58°48′	17°30′	1021	−06	160	28	c	c	47	48	41	98	5	-	-	8	8	13
MERMOZ	45°6′	16°6′	1012	00	090	29	b	bc	55	56	41	70	5	-	-	2	2	6½
CUMULUS	65°54′	02°24′	1043	+03	140	18	c	b	43	44	37	97	5	-	-	8	8	5
WEATHER EXPLORER	62°6′	33°36′	996	+27	170	24	d o d.	d	41	42	41	94	6	-	-	8	8	11
US SHIP 'C'	52°48′	35°30′	993	−49	110	32	c/r	c	47	46	41	63	6	-	-	8	8	8
US SHIP 'D'	44°0′	41°0′	1007	−10	290	22	bc	c	49	62	39	69	2	-	-	5	5	9½
WEATHER RECORDER	57°0′	13°12′	1030	+17	140	30	c	bc	48	50	44	97	5	-	-	6	6	17½
APAPA	41°48′	10°54′	1006	−30	020	09	b	c	55	58	44	99	-	-	-	0	0	X
WAIPAWA	43°12′	23°36′	1008	−03	060	13	ir	cl	58	59	56	98	9	-	-	8	8	X

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form. † Low	Cloud Form. † Med.	Cloud Form. † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52°36′	20°6′	1020	+12	150	28	bc	c	54	53	50	97	-	-	2	6	4	8
WEATHER OBSERVER	58°42′	18°12′	1021	+02	150	28	c	r	49	48	47	96	6	-	-	8	8	13
MERMOZ	45°6′	16°6′	1012	−12	090	25	c	bc	54	55	41	70	5	-	-	8	8	5
CUMULUS	65°54′	02°24′	1043	−06	170	15	c	c	45	45	39	97	5	-	-	8	8	5
WEATHER EXPLORER	62°6′	33°36′	1003	+28	170	21	c/d	d	41	42	40	97	5	-	-	8	8	8
US SHIP 'C'	52°48′	35°30′	997	+10	210	10	b	bc	47	47	41	63	6	-	-	2	2	6½
US SHIP 'D'	44°0′	41°0′	1005	−07	270	27	pr o	p	48	62	42	63	5	-	-	8	8	9½
PHILOMEL	41°48′	09°30′	1005	−12	080	05	bc	b	53	58	47	99	2	-	-	0	3	11½
WEATHER RECORDER	56°42′	11°18′	1033	+04	130	28	c	c	45	50	43	97	-	3	-	8	8	17½
EMPRESS OF AUSTRALIA	53°6′	33°0′	999	−37	150	24	c	c	47	46	46	98	5	-	-	8	8	14

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*Information not usually received.

† Code figure (see Introduction)

No. 34010

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Monday 3rd January 1955

OBSERVATIONS at 12h. G.M.T. 3rd January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low † (9)	Form: Medium † (10)	Form: High † (11)	Total amount 0-8 (12)	Main layer: Amt. 0-8 (13)	Main layer: † Ht. (14)	Lowest layer: Amt. 0-8 (15)	Lowest layer: † Ht. (16)
Kew	070	12	20	c	30·6	-02	36	24	8	-	-	7	7	35	4	30
London Airport	070	14	56	c	30·8	-02	36	26	5	-	-	8	8	25	-	-
Tangmere	080	12	63	c	29·1	-04	36	28	5	-	-	7	7	23	-	-
Bournemouth (Hurn	070	11	74	c	29·2	-02	38	30	8	-	-	7	5	30	4	15
Boscombe Down	080	17	66	c	29·3	-10	35	27	8	-	-	7	7	25	1	15
Felixstowe	070	20	66	c	31·0	-10	36	30	5	-	-	8	8	28	-	-
Gorleston	090	22	62	c	33·5	-03	36	27	5	-	-	8	8	25	-	-
West Raynham	060	23	82	c	33·4	-02	34	26	5	-	-	8	8	25	-	-
Mildenhall	090	13	62	c	32·3	-06	36	30	5	-	-	8	8	30	-	-
Cranfield	070	21	74	c	32·2	-03	35	26	5	-	-	8	8	35	-	-
Elmdon	090	14	58	c	32·6	-06	37	28	2	-	-	7	7	15	-	-
Cottesmore	080	17	63	bc	33·7	-04	34	30	5	-	-	4	4	35	2	15
Watnall	080	08	58	c/r	33·8	-04	37	34	5	-	-	7	7	35	-	-
Ross-on-Wye	060	05	80	c	31·7	-02	37	30	5	-	-	7	7	25	-	-
Shawbury	090	14	61	c	33·8	-07	38	33	8	-	-	7	7	40	5	20
Bristol	010	16	74	c	30·7	-08	38	26	5	-	-	6	6	24	-	-
Plymouth	100	17	66	c	28·3	-05	39	30	8	-	-	7	7	25	1	20
Chivenor	070	13	74	bc	30·0	-04	40	29	8	-	-	3	3	28	1	20
St. Eval	050	16	66	bc	28·4	-08	37	32	8	-	-	3	3	60	1	18
Cuidrose	060	20	68	c	27·2	-03	39	31	5	-	-	7	7	22	2	15
Scilly, St. Mary's	060	21	61	b	25·5	+01	42	33	8	-	-	1	1	14	-	-
Guernsey	060	22	78	bc	25·9	-09	40	31	1	-	-	5	5	18	-	-
Aberporth	060	13	82	c	31·8	-09	39	30	5	-	-	7	7	22	1	15
Pembroke Dock	060	12	74	c	31·0	-09	40	33	5	-	-	7	7	30	-	-
Holyhead (Valley)	080	08	60	c	33·4	-06	39	35	5	3	-	7	7	28	1	18
Manchester	080	08	48	fd	34·1	-07	37	34	5	-	-	8	7	17	2	08
Squires Gate	090	15	72	c	34·8	-09	40	33	8	-	-	7	7	35	3	18
Silloth	070	10	63	c	37·5	+06	39	32	5	-	-	7	7	35	-	-
Lindholme	070	15	48	r	35·1	-01	38	37	5	-	-	8	8	30	6	20
Spurn Head	100	20	69	pr	34·5	+02	39	36	3	-	-	7	7	15	-	-
Dishforth	040	13	58	prs	36·3	-05	39	34	8	-	-	7	7	30	5	15
Tynemouth	090	15	66	fd	38·1	-02	40	34	5	-	-	7	7	36	-	-
Leuchars	080	11	80	c	39·5	-05	41	30	5	-	-	7	7	40	-	-
Eskdalemuir	070	06	66	c	38·5	-04	36	29	5	-	-	8	8	25	-	-
Prestwick	060	03	66	c	38·4	+00	40	32	5	-	-	7	7	40	-	-
West Freugh	070	10	66	bc	36·9	+01	39	33	5	3	9	4	3	35	-	-
Ronaldsway	090	21	74	c	35·6	-04	41	31	5	-	-	7	7	35	4	25
Tiree	140	16	82	c	38·0	-01	42	30	5	-	-	6	6	30	-	-
Benbecula	150	10	83	c	39·1	+04	41	34	5	-	-	7	7	30	-	-
Stornoway	100	05	74	b	39·7	+01	39	33	2	-	-	2	2	25	-	-
Cape Wrath	180	05	83	b	40·4	+07	39	28	-	-	-	0	-	-	-	-
Sule Skerry	160	05	82	c	40·7	+04	43	34	5	-	-	8	8	15	-	-
Renfrew	070	08	24	c	38·9	-03	41	32	5	-	-	7	7	40	-	-
Dyce	120	09	70	c	40·8	-03	41	31	5	-	-	7	7	30	-	-
Wick	150	07	82	c/pr	41·6	+04	41	35	8	3	-	6	5	23	-	-
Lerwick	-	0	80	c	43·4	-01	41	36	5	-	-	7	7	27	-	-
Blacksod Point	120	16	72	bc	33·1	-01	41	34	8	-	-	4	4	23	-	-
Malin Head	110	13	79	bc	36·7	-02	42	28	5	-	-	5	5	21	-	-
Aldergrove	110	10	63	bc/pr	35·9	-03	40	29	5	-	-	5	5	35	-	-
Castle Archdale	110	12	74	c	35·3	00	39	31	5	-	-	8	8	32	-	-
Birr Castle	080	09	74	c	33·2	-01	39	27	5	-	-	7	7	42	-	-
Collinstown	120	09	80	c	34·1	-05	40	30	5	-	-	8	8	28	-	-
Rineanna	090	13	74	c	32·3	-02	39	32	5	-	-	8	8	34	-	-
Valentia	050	08	75	c	29·8	-03	42	32	5	-	-	7	7	32	-	-
Midleton	100	16	74	c	30·3	-04	41	30	5	-	-	8	8	28	-	-

Stations	Cloud: Main layer: Amt. 0-8 (17)	Main layer: † Ht. (18)	Lowest layer: Amt. 0-8 (19)	Lowest layer: † Ht. (20)
Kew	7	35	4	30
London Airport	8	25	-	-
Tangmere	7	23	-	-
Bournemouth (Hurn	7	30	4	15
Boscombe Down	7	25	1	15
Felixstowe	8	28	-	-
Gorleston	8	25	-	-
West Raynham	8	25	-	-
Mildenhall	8	30	-	-
Cranfield	8	35	-	-
Elmdon	7	15	-	-
Cottesmore	4	35	2	15
Watnall	7	35	-	-
Ross-on-Wye	7	25	-	-
Shawbury	7	40	5	20
Bristol	6	24	-	-
Plymouth	7	25	1	20
Chivenor	3	28	1	20
St. Eval	3	60	1	18
Cuidrose	7	22	2	15
Scilly, St. Mary's	1	14	-	-
Guernsey	5	18	-	-
Aberporth	7	22	1	15
Holyhead (Valley)	7	28	1	18
Manchester	7	17	2	08
Squires Gate	7	35	3	18
Silloth	7	35	-	-
Lindholme	8	30	6	20
Spurn Head	7	15	-	-
Dishforth	7	30	5	15
Tynemouth	7	36	-	-
Leuchars	7	40	-	-
Eskdalemuir	7	40	-	-
Prestwick	7	40	-	-
West Freugh	4	35	-	-
Ronaldsway	7	35	4	25
Tiree	6	30	-	-
Benbecula	7	30	-	-
Stornoway	2	25	-	-
Cape Wrath	-	-	-	-
Sule Skerry	-	-	-	-
Renfrew	8	15	-	-
Dyce	7	40	-	-
Wick	6	23	-	-
Lerwick	7	27	-	-
Blacksod Point	4	23	-	-
Malin Head	5	21	-	-
Aldergrove	5	35	-	-
Castle Archdale	8	32	-	-
Birr Castle	7	42	-	-
Collinstown	8	28	-	-
Rineanna	8	34	-	-
Valentia	8	32	-	-
Midleton	7	32	-	-

OBSERVATIONS at 18h. G.M.T. 2nd January 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low † (25)	Form: Medium † (26)	Form: High † (27)	Total amount 0-8 (28)	Main layer: Amt. 0-8 (29)	Main layer: † Ht. (30)	Lowest layer: Amt. 0-8 (31)	Lowest layer: † Ht. (32)	21 h. State of ground † (33)
Kew	030	14	20	c	28·4	-13	36	28	5	-	-	8	8	25	-	-	1
London Airport	020	16	40	c	28·3	-14	35	29	5	-	-	8	8	41	-	-	1
Tangmere	050	15	40	c/ps	27·1	-10	35	31	5	-	-	8	8	20	-	-	1
Bournemouth (Hurn	050	13	60	c	27·9	-06	36	27	5	-	-	7	7	25	-	-	1
Boscombe Down	050	12	58	c	28·4	-06	34	23	5	-	-	8	8	20	5	15	0
Felixstowe	080	27	60	ps	28·4	-08	38	34	5	-	-	8	8	21	-	-	1
Gorleston	110	22	62	c	30·2	+05	41	33	3	-	-	7	7	25	-	-	0
West Raynham	060	16	74	c	31·2	-10	37	30	5	-	-	8	8	28	-	-	1
Mildenhall	060	11	63	c/s	30·0	-11	37	32	5	-	-	8	8	43	-	-	1
Cranfield	040	17	60	c	30·0	-07	35	31	5	-	-	8	8	37	5	24	0
Elmdon	020	08	40	c	31·1	-02	38	27	5	-	-	7	7	37	-	-	0
Cottesmore	020	12	63	c	31·8	-12	34	32	5	-	-	8	8	46	-	-	1
Watnall	040	07	48	c	32·2	-07	35	33	5	-	-	8	8	35	-	-	1
Ross-on-Wye	060	09	64	c	30·8	+00	34	24	5	-	-	7	7	30	-	-	1
Shawbury	070	02	58	c	32·7	-03	35	31	8	-	-	8	8	37	1	25	1
Bristol	060	10	63	c	30·0	+02	33	25	5	3	-	7	4	32	-	-	1
Plymouth	080	18	48	c	28·0	+08	36	24	5	-	-	8	8	29	-	-	1
Chivenor	090	12	63	c	29·5	+01	36	28	5	-	-	7	7	28	-	-	1
St. Eval	040	06	66	b	28·4	+11	33	29	5	-	2	1	1	30	-	-	0
Cuidrose	050	20	66	bc	27·1	+07	36	26	5	-	-	5	4	15	1	12	0
Scilly, St. Mary's	060	23	61	c	24·9	+06	40	32	5	-	-	8	8	12	-	-	0
Guernsey	060	20	58	r/s	24·6	-04	37	29	5	-	-	7	7	26	7	15	5
Aberporth	060	15	61	c	31·3	+03	35	26	5	3	-	6	1	25	-	-	1
Pembroke Dock	060	12	74	b	30·4	+01	36	28	5	-	1	2	1	30	-	-	0
Holyhead (Valley)	060	09	58	c	32·6	-02	40	37	5	-	-	8	8	33	5	20	1
Manchester	070	08	17	c	33·4	+00	47	32	6	-	-	8	8	37	5	21	2
Squires Gate	080	13	61	c	33·7	+00	39	33	5	-	-	7	7	45	-	-	1
Silloth	060	10	59	c	36·6	-01	38	34	5	3	-	7	4	30	-	-	1
Lindholme	030	10	66	c	32·7	-02	37	36	5	-	-	7	7	40	4	25	2
Spurn Head	080	24	60	pr	32·9	-04	40	35	3	-	-	7	7	15	-	-	2
Dishforth	350	05	62	c	35·0	+02	36	35	8	-	-	7	7	40	3	20	1
Tynemouth	070	17	63	fd	37·1	+00	40	32	5	-	-	8	8	36	-	-	1
Leuchars	050	06	40	r	38·7	-01	39	37	7	-	-	8	8	20	6	15	1
Eskdalemuir	080	05	60	c	37·3	+00	35	32	2	-	-	8	8	12	-	-	1
Prestwick	060	11	62	c	37·7	+01	40	30	5	-	-	7	7	33	-	-	0
West Freugh	070	09	69	c	36·2	-01	38	33	5	3	-	7	5	46	-	-	1
Ronaldsway	090	13	62	c	34·7	-01	41	33	5	-	-	7	7	33	2	24	1
Tiree	140	17	87	bc	38·6	+06	39	28	5	-	-	3	2	35	-	-	1
Benbecula	150	10	82	c	39·2	+05	38	33	5	-	-	6	6	30	-	-	1
Stornoway	100	05	66	c	40·6	+08	34	32	5	-	-	7	7	22	-	-	1
Cape Wrath	180	02	83	b	40·2	+03	37	29	-	-	-	0	-	-	-	-	3
Sule Skerry	140	02	82	b	40·4	+00	41	32	1	-	-	1	1	20	-	-	0
Renfrew	060	10	25	c	38·4	+01	40	32	5	-	-	7	7	30	-	-	1
Dyce	080	02	58	d.d.	40·0	-01	39	37	5	-	-	8	7	16	-	-	1
Wick	-	0	81	c	41·2	+01	37	33	5	-	-	7	7	39	-	-	1
Lerwick	-	0	80	c	42·9	+02	39	36	5	-	-	7	7	25	-	-	1
Blacksod Point	120	09	66	c	33·7	+08	40	34	5	-	-	7	7	21	-	-	1
Malin Head	160	09	44	c	36·7	+03	41	30	5	-	-	7	7	21	-	-	1
Aldergrove	060	13	61	c	35·7	+02	39	31	5	-	-	8	8	32	-	-	1
Castle Archdale	050	01	74	c	35·3	+01	38	33	5	-	-	7	7	36	-	-	1
Birr Castle	060	05	71	c	33·0	+05	37	31	5	-	-	8	8	38	-	-	1
Collinstown	090	15	66	c	33·5	+00	33	32	5	-	-	8	8	37	5	25	1
Rineanna	070	10	74	c	32·0	+04	38	32	5	-	-	7	7	40	-	-	1
Valentia	060	08	81	c	30·3	+12	40	31	5	-	-	7	7	33	-	-	1
Midleton	100	13	59	c	29·9	-01	39	32	6	-	-	8	8	22	-	-	1

Stations	Cloud: Main layer: Amt. 0-8 (28)	Main layer: † Ht. (29)	Lowest layer: Amt. 0-8 (30)	Lowest layer: † Ht. (31)
Kew	8	25	-	-
London Airport	8	41	-	-
Tangmere	8	20	-	-
Bournemouth (Hurn	7	25	-	-
Boscombe Down	8	20	5	15
Felixstowe	8	21	-	-
Gorleston	7	25	-	-
West Raynham	8	28	-	-
Mildenhall	8	43	-	-
Cranfield	8	37	5	24
Elmdon	7	37	-	-
Cottesmore	8	46	-	-
Watnall	8	35	-	-
Ross-on-Wye	7	30	-	-
Shawbury	8	37	1	25
Bristol	4	32	-	-
Plymouth	8	29	-	-
Chivenor	7	28	-	-
St. Eval	1	30	-	-
Cuidrose	5	15	1	12
Scilly, St. Mary's	8	12	-	-
Guernsey	7	26	7	15
Aberporth	6	25	-	-
Holyhead (Valley)	8	33	5	20
Manchester	8	37	5	21
Squires Gate	7	43	-	-
Silloth	7	30	-	-
Lindholme	7	40	4	25
Spurn Head	7	15	-	-
Dishforth	7	40	3	20
Tynemouth	8	36	-	-
Leuchars	8	20	6	15
Eskdalemuir	8	12	-	-
Prestwick	7	33	-	-
West Freugh	7	46	-	-
Ronaldsway	7	33	2	24
Tiree	3	35	-	-
Benbecula	6	30	-	-
Stornoway	7	22	-	-
Cape Wrath	-	-	-	-
Sule Skerry	-	-	-	-
Renfrew	7	30	-	-
Dyce	8	16	-	-
Wick	7	39	-	-
Lerwick	7	25	-	-
Blacksod Point	7	21	-	-
Malin Head	7	21	-	-
Aldergrove	8	32	-	-
Castle Archdale	7	36	-	-
Birr Castle	8	38	-	-
Collinstown	8	37	5	25
Rineanna	7	40	-	-
Valentia	7	33	-	-
Midleton	8	22	-	-

OBSERVATIONS during DAY

Stations	Weather: 09h. to 15h. (34)	Weather: 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cz$_o$	cz$_o$cpr$_o$cm$_o$	37	0·0	Tr
London Airport	c	ci$_s$o$_d$r$_o$	37	*	Tr
Tangmere	cm$_o$	cm$_o$r$_s$s$_o$	37	0·8	Tr
Bournemouth (Hurn	cm$_o$	cz$_o$c$_s$s$_o$s$_o$	38	*	Tr
Boscombe Down	dccz$_o$	cz$_o$m$_o$i$_s$o	36	0·6	Tr
Felixstowe	c	cps$_o$m$_o$e	39	0·0	0·1
Gorleston	coph$_o$	o	41	0·0	Tr
Mildenhall	c	ceprs$_c$	37	0·0	Tr
Cranfield	c	ccir$_o$s$_c$	38	0·1	Tr
Elmdon	bcm$_o$c	c	36	0·5	-
Cottesmore	cpr$_s$o$_c$z$_d$)	cz$_o$	37	1·0	Tr
Watnall	cbc	c	36	1·6	-
Ross-on-Wye	cm$_o$i$_r$d$_m$m$_o$	cm$_o$	38	0·4	Tr
Shawbury	cd$_o$cbcc	bcco	38	1·5	Tr
Bristol	ccpr$_s$o$_c$m$_o$	c$_m$o$_p$r$_s$o$_c$m$_o$	38	0·2	Tr
Plymouth	c	c	39	2·5	·
Chivenor	cbcz$_o$	cz$_o$c	39	1·6	·
St. Eval	cbcc	cbcc	41	2·8	·
Cuidrose	cbcb	bbccbcx	38	3·4	·
Scilly, St. Mary's	bccbcc	cbcc	42	2·2	Tr
Guernsey	bbc	bccbcb	43	3·6	·
Aberporth	cbcyc	ci$_s$o$_r$s$_r$s	40	2·1	3
Pembroke Dock	cxcbc	bcc	40	1·1	·
Holyhead (Valley)	c	bcbcx	40	0·7	·
Manchester	ccm$_o$	cm$_o$cir$_o$m$_o$cm$_o$	40	0·0	Tr
Squires Gate	cirs$_i$d$_o$	co$_p$o$_p$r$_o$m$_o$	39	0·6	0·4
Silloth	c	cir$_o$c	40	0·0	Tr
Lindholme	c	cid$_o$m$_o$c	39	0·0	Tr
Spurn Head	cir$_o$m$_o$	ccir$_o$m$_o$cpr$_o$	39	0·0	2
Dishforth	cpr$_o$	cpr$_o$	40	0·0	2
Tynemouth	ccprs$_c$	ccprs$_c$	39	0·0	0·4
Leuchars	ccid$_o$	oid$_o$opr$_o$o	41	0·0	Tr
Eskdalemuir	c	cid$_o$ir$_m$o$_c$	42	0·0	1
Prestwick	c	cer$_o$r$_o$m$_o$c	36	0·0	0·1
West Freugh	c	c	40	0·7	·
Ronaldsway	bcc	c	40	0·7	·
Tiree	c	c	41	0·4	·
Benbecula	c	cbc	42	0·0	·
Stornoway	bcxbc	bcc	40	1·5	·
Sule Skerry	b	b	39	*	·
Renfrew			43	*	·
Dyce	cz$_o$	cir$_o$z$_o$	41	0·0	Tr
Wick	cz$_o$	cd$_o$d$_o$m$_o$cir$_o$	41	0·0	1
Lerwick	cprbc	bprc	43	0·5	0·2
Blacksod Point	c	c	44	0·5	·
Malin Head	bc	c	42	1·0	·
Aldergrove	c	c	42	1·0	·
Castle Archdale	ccprbc	ccirbc	41	0·7	Tr
Birr Castle	c	c	39	0·0	·
Collinstown	c	c	40	0·2	·
Rineanna	c	n	42	0·0	Tr
Valentia	c	c	40	0·0	·
Midleton	c	n	43	1·8	·

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Form: † Med.	Form: † High	Amount: Low	Amount: Total	Height of waves ft.
LEVERRIER	51°30′	20°6′	1022	+06	140	26	c.	bc	52	51	46	97	5	-	-	7	7	6½
WEATHER OBSERVER	59°0′	18°48′	1023	+05	160	21	c/d	d	49	49	47	96	6	-	-	8	8	13
LEBRIX	45°24′	14°6′	1012	+10	080	28	c	c	52	54	41	60	8	-	-	8	8	14
MERMOZ	45°30′	13°12′	1013	-10	080	31	c	c	52	53	39	70	5	-	-	8	8	11
WEATHER RECORDER	56°18′	09°48′	1037	+13	140	25	c	c	44	51	42	97	5	-	-	8	8	14
U.S. SHIP "D"	44°0′	41°0′	1005	+10	290	20	c/ps	p	48	60	39	69	2	6	-	2	7	8
U.S. SHIP "C"	52°48′	35°30′	1012	+19	180	20	b	b	45	46	39	69	2	-	-	1	1	8
WEATHER EXPLORER	62°18′	33°30′	1010	+25	180	23	c	d	40	42	37	97	5	-	-	8	8	8
CUMULUS	66°0′	02°24′E	1044	+02	200	16	c	c	45	45	41	97	8	7	-	5	6	5
DESEADO	41°48′	10°36′	1004	-05	090	10	c	c	54	60	49	98	-	7	-	0	6	-

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Form: † Med.	Form: † High	Amount: Low	Amount: Total	Height of waves ft.
LEVERRIER	52°36′	20°12′	1023	+13	020	18	c	c	52	51	43	97	5	-	-	7	8	9½
WEATHER OBSERVER	59°0′	18°36′	1026	+26	170	22	c	c	50	49	47	97	5	-	-	4	7	6½
CUMULUS	66°6′	02°30′E	1043	+01	200	14	c	c	45	46	39	97	8	-	-	8	8	5
CIRRUS	45°12′	14°54′	1011	+06	080	30	p/s	c	50	56	46	60	9	7	-	4	8	14
WEATHER EXPLORER	62°18′	33°36′	1012	+11	120	12	c	c	42	41	38	96	5	3	6	2	7	8
U.S. SHIP "C"	52°42′	35°30′	1001	+05	140	10	c	bc	46	46	42	69	5	3	6	1	8	6½
U.S. SHIP "D"	44°0′	41°0′	1003	-02	290	22	c	c	48	60	32	78	3	-	-	6	6	11
DRINA	43°30′	09°12′	1005	-20	090	24	c	c	53	55	49	98	2	7	-	3	7	11
PACIFIC FORTUNE	44°12′	23°0′	1009	-15	110	13	bc	bc	57	58	50	99	5	7	-	2	5	-
AVISVALE	47°54′	07°54′	1017	-15	080	30	c	bc	45	53	39	98	1	-	-	6	6	14

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet: 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Sunday 2nd January

1955

Clark's Projection Scale 1 : × 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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ◑ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◑ Sky 6/8 covered ◑ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, ◦ Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder ≡ Fog = Mist

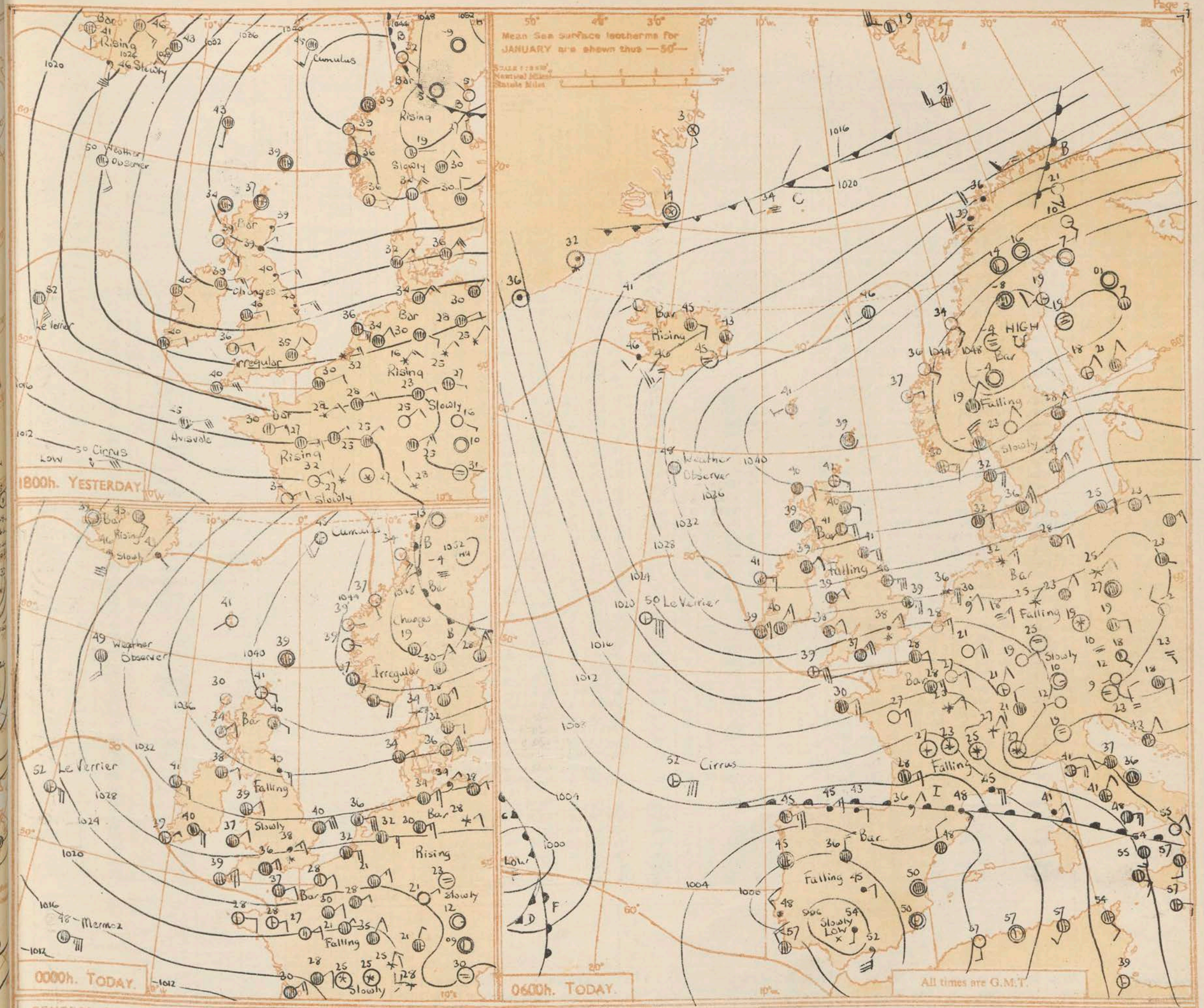
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.



GENERAL SYNOPTIC DEVELOPMENT:-

The anticyclone over Scandinavia has moved slowly eastwards and the ridge of high pressure extending to the British Isles has been maintained. A depression west of Spain has moved east and is expected to turn east-northeast. The British Isles are expected to remain in a cold easterly airstream, with minor troughs moving west across the country.

Issued at Mid-day to-day Monday 3rd January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

In eastern districts it will be cloudy with scattered slight sleet showers. In western districts it will be mainly cloudy with a period of slight rain or sleet during the afternoon or evening, but with bright periods at other times. It will continue cold or rather cold with frost in a few places at night.

OUTLOOK FOR the following 24 hours:-

Continuing cloudy and cold with some sleet at times.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 3rd January 1955

OBSERVATIONS at 06h. G.M.T. 3rd January 1955

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Height above M.S.L.	00h. Wind Direction (degrees) (1)	00h. Wind Speed (kts.) (2)	00h. Visibility † (3)	00h. Present Weather (4)	00h. Pressure Bar at M.S.L. mb (5)	00h. Pressure Change in 3 hrs. (6)	00h. Temp. Dry Bulb °F. (7)	00h. Temp. Dew point °F. (8)	00h. Cloud Form Low † (9)	Form Medium † (10)	Form High † (11)	Total amount 0–8 (12)	Main layer Amt. 0–8 (13)	Main layer Ht. † (14)	Lowest layer Amt. 0–8 (15)	Lowest layer Ht. † (16)
Kew	18	*	*	*	*	*	*	38	*	*	*	*	*	*	*	*	*
London Airport	82	050	17	57	r.S.	26·3	-09	38	30	5	-	-	8	8	28	-	-
Tangmere	53	060	15	32	r.S.	24·8	-07	35	34	5	-	-	8	8	31	3	17
Bournemouth (Hurn	34	060	12	60	S.S.	25·2	-11	37	32	5	-	-	8	8	16	-	-
Boscombe Down	414	060	13	47	r.S.	26·3	-08	36	30	5	-	-	8	8	25	-	-
Felixstowe	10	090	29	62	c	27·2	-06	38	33	5	-	-	8	8	23	-	-
Gorleston	5	060	29	62	c	29·7	-04	40	35	3	-	-	8	8	28	-	-
West Raynham	250	050	20	66	r.S.	29·7	-05	37	32	5	-	-	8	8	30	-	-
Mildenhall	15	060	10	60	c	28·6	-06	37	36	5	-	-	8	8	34	5	27
Cranfield	340	040	15	58	c	28·2	-10	36	33	6	-	-	8	8	32	3	09
Elmdon	324	040	14	61	c	29·8	-04	38	31	5	-	-	8	8	40	-	-
Cottesmore	440	060	15	58	id.	30·7	-14	36	35	6	2	-	8	8	22	-	-
Watnall	366	030	13	63	r.S.	31·1	-07	35	33	6	-	-	8	8	32	-	-
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury	235	070	12	59	c	31·4	-06	37	32	8	-	-	8	8	49	1	20
Bristol	192	050	12	63	c	27·7	-09	36	32	5	-	-	8	8	20	-	-
Plymouth	90	070	18	62	c	25·1	-13	36	30	5	-	-	7	7	30	-	-
Chivenor	20	050	10	58	id.	27·1	-13	38	32	5	-	-	8	8	39	-	-
St. Eval	336	040	15	61	c	26·4	-10	35	32	5	-	-	8	8	38	-	-
Culdrose	260	040	19	66	c	25·3	-14	34	27	5	-	-	7	7	25	-	-
Scilly, St. Mary's	158	060	23	66	c	23·7	-11	39	28	8	-	-	7	7	15	-	-
Guernsey	340	070	16	74	c	21·8	-12	37	27	5	-	-	6	6	22	-	-
Aberporth	375	060	18	66	c	29·5	-13	37	30	5	-	-	8	8	35	-	-
Pembroke Dock	34	050	09	74	c	29·4	-09	37	29	5	-	-	8	8	30	-	-
Holyhead (Valley)	32	050	14	58	c	31·4	-10	39	35	5	-	-	7	7	42	3	25
Manchester	248	070	10	57	c/r	32·3	-06	36	33	5	-	-	7	7	33	2	22
Squires Gate	33	070	15	61	c	32·7	-04	39	33	5	-	-	8	8	40	2	26
Silloth	25	040	10	61	c/rs	35·4	-09	38	33	5	-	-	8	8	30	1	25
Lindholme	21	060	12	66	c/r	32·7	-04	36	35	8	-	-	7	7	47	5	26
Spurn Head	29	080	25	63	c	31·8	-09	39	36	3	-	-	7	7	15	-	-
Dishforth	105	020	08	56	r.S.	33·8	-08	36	35	6	-	-	8	8	20	5	14
Tynemouth	108	110	16	61	rr	35·8	-08	40	37	6	-	-	8	8	22	-	-
Leuchars	36	080	15	66	c	38·2	-03	41	32	5	-	-	8	8	32	2	20
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick	30	030	09	56	c	37·1	-04	39	34	5	-	-	8	8	35	-	-
West Freugh	50	070	15	66	c	35·7	-05	39	34	5	-	-	8	8	36	-	-
Ronaldsway	55	030	14	62	r.	33·8	-09	40	34	5	-	-	8	8	22	-	-
Tiree	29	050	08	82	c	38·4	-05	34	30	5	-	-	6	6	40	-	-
Benbecula	18	-	0	74	c	39·5	-02	32	31	5	-	-	7	7	30	-	-
Stornoway	10	-	0	66	b	40·1	-06	30	27	-	-	-	0	-	-	-	-
Cape Wrath	367	090	05	83	bc	40·5	+00	39	31	1	-	-	3	3	30	-	-
Sule Skerry	43	140	02	82	pf.	40·6	-03	43	38	5	-	-	6	6	15	-	-
Renfrew	28	060	06	56	c	37·9	-02	39	39	5	-	-	8	7	56	4	18
Dyce	185	120	05	64	c	40·2	+02	40	31	5	-	-	8	7	30	2	20
Wick	119	120	10	74	bc	41·2	-02	41	30	8	-	-	3	3	40	1	20
Lerwick	269	-	0	80	c	42·9	+01	39	37	5	3	-	7	3	13	-	-
Blacksod Point	18	120	13	67	c	33·6	-04	41	34	6	-	-	7	3	39	2	21
Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove	220	060	10	63	c	35·3	-04	38	32	5	-	-	7	7	39	-	-
Castle Archdale	225	070	09	74	c	35·0	-07	38	32	5	-	-	8	7	32	-	-
Birr Castle	231	050	05	69	c	32·1	-07	38	33	5	-	-	8	8	40	-	-
Collinstown	226	090	16	74	fg	32·7	-07	41	30	5	-	-	8	8	32	-	-
Rineanna	10	040	07	74	c	31·5	-06	39	33	5	-	-	8	8	40	-	-
Valentia	30	060	03	78	bc	29·9	-02	39	31	5	-	-	5	5	26	1	12
Midleton	30	130	18	66	o	30·0	-01	46	28	5	-	-	8	8	26	-	-

Stations	06h. Wind Direction (degrees) (17)	06h. Wind Speed (kts.) (18)	06h. Visibility † (19)	06h. Present Weather (20)	06h. Pressure Bar at M.S.L. mb (21)	06h. Pressure Change in 3 hrs. (22)	06h. Temp. Dry Bulb °F. (23)	06h. Temp. Dew point °F. (24)	06h. Cloud Form Low † (25)	Form Medium † (26)	Form High † (27)	Total amount 0–8 (28)	Main layer Amt. 0–8 (29)	Main layer Ht. † (30)	Lowest layer Amt. 0–8 (31)	Lowest layer Ht. † (32)	21h. State of ground † (33)	Weather 21h. to 03h. (39)	Weather 03h.–09h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	060	18	70	r.S.	23·1	-18	38	30	6	-	-	8	8	40	-	-	1	c2o	com.irSpr	36	35	TR
London Airport	040	13	57	r.S.	23·1	-18	38	30	5	-	-	8	8	24	-	-	1	cr.S.	cca.S.c	36	34	TR
Tangmere	080	14	58	c	22·1	-16	35	29	5	-	-	8	8	25	-	-	1	cr.S.m.	c2o	33	32	TR
Bournemouth (Hurn	060	15	62	c	22·0	-18	36	34	5	-	-	8	8	24	-	-	1	cS.r.	cis.cm.	34	31	0·6
Boscombe Down	070	14	58	c	23·2	-20	36	29	5	-	-	8	8	21	-	-	1	ci S. m. S2.	cir.S.m.2.	34	34	TR
Felixstowe	080	30	62	c	24·9	-11	39	31	5	-	-	8	8	20	-	-	0	c	c	37	36	-
Gorleston	100	25	62	c	27·3	-17	39	33	3	-	-	7	7	25	-	-	1	cpr.	opr.S.h.	37	36	TR
West Raynham	070	21	63	r.r.	26·9	-19	37	32	5	-	-	8	8	27	-	-	1	ccd.s.d.s	cd.s.d.s	36	33	2
Mildenhall	100	16	66	c	25·8	-18	38	32	5	-	-	8	8	30	-	-	1	cid.c	cir.Sm.	36	36	TR
Cranfield	040	18	58	r.S.	25·2	-19	36	34	6	-	-	8	8	17	4	08	0	cm.	cm.cir.S.	35	33	TR
Elmdon	040	16	59	c	26·6	-20	35	34	6	-	-	8	8	07	-	-	2	c2o.c	cci.cirs	34	31	1
Cottesmore	050	21	32	c/rs	27·4	-22	36	36	6	-	-	8	8	05	5	02	2	ccd.xm.c	cod.sm.	34	29	2
Watnall	040	17	62	ir6	28·4	-20	35	35	6	-	-	8	8	30	4	10	1	bem.cli.S.	cr.S.r.f.m.	35	31	0·3
Ross-on-Wye	040	13	34	pf.	25·0	-17	36	33	6	-	-	8	8	10	-	-	1	o2o.opr.	o pr. or	35	32	1
Shawbury	060	12	63	c	28·5	-20	37	32	5	-	-	8	8	42	4	22	1	cm.prSc	cc.pc	35	33	TR
Bristol	040	12	63	c	24·2	-23	36	33	5	-	-	8	8	35	4	20	1	c	cr.S.	34	33	TR
Plymouth	070	17	59	r.S.	21·7	-18	37	32	5	-	-	8	8	22	-	-	1	cc2o	ci.S.r.S	36	32	TR
Chivenor	050	19	58	c/r	23·6	-27	38	33	5	-	-	8	8	39	-	-	1	cc.r.id.m.	cir.m.	37	35	0·3
St. Eval	050	22	61	c	22·5	-20	37	33	5	-	-	8	8	35	-	-	0	cxbx	cxcid.xc	32	28	TR
Culdrose	040	26	66	c	21·5	-24	37	29	5	-	-	8	8	30	-	-	0	bc.o.bc	bc.o.c.o	32	29	-
Scilly, St. Mary's	070	29	41	bc	23·0	-22	39	28	8	-	-	3	3	15	-	-	0	b.b.c.c	b.c.c	36	*	-
Guernsey	070	22	66	c	18·7	-19	36	27	5	-	-	7	7	26	-	-	4	cir.S.i.S.	ci.S.o.c	34	31	1
Aberporth	060	22	74	c	26·4	-24	38	30	5	-	-	7	7	33	-	-	1	c	c.b.c.c	35	25	-
Pembroke Dock	040	10	74	c	26·2	-22	38	34	5	-	-	7	7	30	-	-	1	b.x.c	c.b.c.c	34	32	-
Holyhead (Valley)	050	10	58	c	29·4	-14	39	36	5	-	-	8	8	48	4	25	1	cc.i.m.	cm.c.i.m.c	38	35	TR
Manchester	060	12	61	c	29·5	-17	37	31	5	-	-	6	6	37	4	20	1	c.p.r.i.r.m.b.c	b.c.c	35	31	0·1
Squires Gate	070	10	61	c	30·5	-15	38	33	5	-	-	8	8	20	-	-	1	c	c	38	35	-
Silloth	040	11	61	c	33·3	-15	38	35	5	-	-	8	8	30	2	25	1	c.i.d.o.S.b.c.m.	c	37	33	TR
Lindholme	030	12	63	c	30·1	-22	38	34	5	-	-	8	8	33	-	-	1	c#p.r.c	c.c.i.r.c.m.	36	34	0·5
Spurn Head	090	36	66	c	29·3	-19	40	35	3	-	-	7	7	15	-	-	1	c.p.r.c	c.p.r.c	38	*	0·4
Dishforth	020	10	58	c/rs	31·7	-14	37	35	6	-	-	8	8	20	5	14	1	c.p.r.s c.m.	cr.s.m.r.r.o	36	35	1
Tynemouth	080	19	61	c	34·3	-12	41	33	5	-	-	8	8	36	-	-	1	o.r.r.o.i.d.o	o.i.d.o.	38	36	2
Leuchars	080	18	66	b/pr	36·2	-12	41	34	5	-	-	4	4	30	-	-	1	c	c.c.p.r.i.d.c.m.	39	35	1
Eskdalemuir	070	05	60	o	34·2	-07	35	33	6	-	-	8	8	12	-	-	1	cm.o.c	cc.r.o.c	33	33	0·1
Prestwick	030	08	62	c	35·0	-15	39	31	5	-	-	7	7	38	-	-	0	c.i.r.c.m.	c	37	34	TR
West Freugh	040	15	63	c	33·4	-13	39	34	5	-	-	8	8	44	-	-	1	c	c	37	34	-
Ronaldsway	040	12	61	c	31·5	-14	40	35	5	-	-	8	8	24	-	-	1	c.o.r.s.	c.r.s.o.i.r.c	39	37	TR
Tiree	060	10	82	c	36·7	-10	39	34	5	-	-	8	8	40	-	-	1	b.c.c.x	c	31	23	-
Benbecula	050	05	74	c	37·9	-08	38	33	5	-	-	6	6	40	-	-	0	bx	b.x.c.x.c	27	20	-
Stornoway	100	09	74	c	38·7	-08	40	32	5	-	-	8	8	50	-	-	1	c.b.x.b.c	b.c.c.b.c	29	22	-
Cape Wrath	090	02	83	b	39·5	-07	39	28	5	-	-	2	2	30	-	-	2	b.c.b	b.c.	36	30	-
Sule Skerry	140	05	82	c	40·1	-07	42	36	5	-	-	8	8	15	-	-	0	*	*	39	34	1
Renfrew	060	08	58	c	35·8	-14	39	33	5	-	-	8	8	47	3	27	0	c.2o.i.r.c	ci.c.m.	39	35	TR
Dyce	100	10	64	c/r	38·5	-08	40	36	5	-	-	8	7	14	-	-	1	c.i.r.	c.i.r.c	39	34	0·5
Wick	110	14	80	bc	40·0	-07	42	36	5	-	-	3	3	30	-	-	1	c.p.r.c	c.i.r.c	39	35	0·2
Lerwick	—	0	80	c	42·0	-09	39	36	-	5	-	8	-	-	8	59	1	c	c	37	30	-
Blacksod Point	090	16	70	c	31·9	-13	41	36	6	-	-	7	2	35	2	21	2	c	c	39	37	-
Malin Head	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	41	*	-
Aldergrove	050	10	62	c	33·1	-14	39	32	5	-	-	8	8	25	-	-	1	c.2o.c	c	38	37	-
Castle Archdale	060	08	74	c	32·9	-16	38	32	5	-	-	8	8	45	-	-	0	c	c	37	34	-
Birr Castle	060	03	64	id.	30·1	-16	37	34	5	-	-	8	8	35	-	-	1	c	c	36	36	TR
Collinstown	090	13	74	fg	30·6	-15	39	32	5	-	-	8	8	31	2	14	1	r	r	38	34	TR
Rineanna	020	09	74	c	29·5	-16	38	34	5	-	-	8	8	40	-	-	1	c	c	37	32	-
Valentia	060	14	74	c	27·5	-20	39	31	5	-	-	8	8	26	-	-	1	c	c	38	34	-
Midleton	010	15	66	c	27·1	-17	40	32	5	-	-	8	8	26	-	-	1	c	r	39	37	TR

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LEVERRIER	52°36′	20°6′	1024	+01	100	24	c	c	52	52	41	97	5	-	-	7	7	9½
WEATHER OBSERVER	59°0′	18°42′	1031	+18	170	22	c	c	49	49	46	97	3	-	-	8	8	6½
CIRRUS	45°6′	15°42′	1010	-06	080	27	bc	p	54	55	41	60	9	-	-	5	5	14
CUMULUS	66°6′	02°30′E	1042	-02	200	20	c/pr	c	45	45	41	97	9	-	-	7	7	5
WEATHER EXPLORER	62°12′	33°18′	1015	+14	120	20	c	c	44	43	42	98	-	3	-	6	6	6½
U·S. SHIP "A"	52°48′	35°30′	1003	-02	110	20	c	c	47	46	43	69	5	7	7	3	8	5
U·S. SHIP "D"	44°0′	41°0′	1004	+07	290	26	bc	c	49	62	34	69	2	-	-	5	5	9½
WEATHER RECORDER	55°24′	06°30′	1038	-06	100	29	c	c	43	49	36	98	5	-	-	8	8	8
MERMOZ	45°42′	11°6′	1013	-01	090	37	c	c	48	52	36	60	8	-	-	8	8	13
BEAVERFORD	50°0′	25°48′	1010	+14	160	30	bc	bc	54	55	50	98	-	8	-	0	4	11

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LEVERRIER.	52°24′	19°48′	1024	-03	110	28	bc	bc	50	50	41	97	5	-	-	3	3	9½
WEATHER OBSERVER	59°0′	18°48′	1033	+05	160	20	c	c	48	49	35	98	5	-	-	8	8	8
CUMULUS	65°54′	02°24′	1040	-10	230	17	c	bc	46	47	37	97	5	-	-	6	6	5½
CIRRUS.	46°0′	15°54′	1010	-03	090	28	bc	b	52	53	41	65	5	-	-	3	3	17½
BRITISH PIPER	45°24′	08°36′	1011	-	050	25	c	c	45	54	38	98	7	-	-	8	8	13
U·S·SHIP "C"	52°48′	35°30′	1000	+01	090	16	c/r	c	45	44	45	14	5	-	-	7	7	5
U·S·SHIP "D"	44°0′	41°0′	1004	+10	290	22	c	bc	50	62	40	63	4	-	-	2	2	13
DRINA	40°42′	10°30′	1000	+00	030	15	bc	b	56	61	48	99	1	-	-	4	4	8
MERMOZ	45°42′	10°12′	1012	-12	100	35	c	c	50	57	39	60	8	-	-	8	8	13
SCYTHIA	50°12′	10°24′	1022	-18	060	24	c	c	43	52	35	98	6	-	-	8	8	-

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*Information not usually received.

† Code figure (see Introduction)

No. 3411

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue. Tuesday 4th January 1955

OBSERVATIONS at 12h. G.M.T. 3rd January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	080	23	56	r050	32·0	-12	36	25	7	7	-	8	6	26	5	20
London Airport	060	17	50	i50	22·1	-11	36	28	6	-	-	8	8	22	6	15
Tangmere	070	23	61	c/s	20·3	-18	33	26	5	-	-	7	7	18	-	-
Bournemouth (Hurn	030	13	58	c/rs	19·8	-18	34	29	5	-	-	8	8	22	-	-
Boscombe Down	030	20	58	sh	22·0	-08	34	28	6	-	-	8	8	12	5	08
Felixstowe	100	21	66	c	23·9	-12	37	32	5	-	-	8	8	26	-	-
Gorleston	070	26	58	pho	26·4	-16	38	32	3	-	-	8	8	20	-	-
West Raynham	070	23	60	r050	26·0	-11	35	32	6	-	-	8	8	15	3	10
Mildenhall	030	14	58	i50	24·5	-16	35	33	6	-	-	8	8	20	3	12
Cranfield	060	21	56	c/r5	23·9	-14	35	32	6	-	-	8	8	18	6	05
Elmdon	060	15	57	c/r5	24·8	-17	36	35	6	-	-	8	8	07	3	05
Cottesmore	060	17	58	r050	26·2	-14	35	35	6	-	-	8	8	12	6	06
Watnall	070	15	56	r050	26·7	-12	36	35	6	-	-	8	8	25	1	09
Ross-on-Wye	060	15	50	c	22·9	-20	37	32	6	2	-	8	7	10	-	-
Shawbury	070	18	61	r050	26·2	-18	38	33	3	-	-	8	8	40	7	18
Bristol	070	17	63	r050	23·0	-19	37	31	5	-	-	8	8	30	7	15
Plymouth	070	18	32	s05c	18·6	-26	36	32	5	-	-	8	8	12	1	08
Chivenor	060	15	59	c/r	21·5	-20	38	32	5	2	-	8	7	18	-	-
St. Eval	030	21	24	c/pr	13·3	-24	38	33	8	-	-	7	7	25	4	14
Culdrose	050	26	56	prs	18·9	-27	37	31	6	-	-	8	8	12	-	-
Scilly, St. Mary's	060	26	61	c	17·8	-19	42	32	3	-	-	7	7	16	-	-
Guernsey	060	22	60	c/o	15·3	-27	34	31	8	-	-	7	7	30	4	20
Aberporth	050	20	66	c	23·7	-21	33	31	8	-	-	8	8	30	6	15
Pembroke Dock	060	14	63	c	23·7	-22	40	34	5	-	-	8	8	35	5	18
Holyhead (Valley)	070	10	66	c	26·6	-13	40	35	8	3	-	7	6	35	3	16
Manchester	070	15	66	r050	27·4	-15	37	32	5	3	-	8	6	35	3	18
Squires Gate	080	18	69	c	28·4	-21	39	33	8	-	-	7	5	22	2	18
Silloth	060	15	74	c	31·5	-21	40	35	5	3	-	7	4	30	1	09
Lindholme	060	20	62	i50	28·6	-16	37	36	6	-	-	8	8	30	4	15
Spurn Head	030	31	56	0	28·2	-11	33	36	6	-	-	8	8	10	-	-
Dishforth	050	10	62	c	30·2	-16	37	33	6	-	-	7	7	25	3	14
Tynemouth	030	18	61	pr0	32·8	-15	40	37	5	-	-	7	7	35	5	20
Leuchars	060	17	62	i0	35·4	-11	41	32	6	-	-	8	8	32	5	18
Eskdalemuir	080	06	66	c	33·0	-12	36	35	7	-	-	7	7	14	-	-
Prestwick	060	09	60	bc	33·3	-15	40	33	5	7	-	5	4	35	-	-
West Freugh	080	15	66	c	31·9	-14	40	36	5	3	-	7	5	40	4	23
Tiree	070	21	74	c	29·8	-15	42	32	8	-	-	7	7	35	5	20
Benbecula	050	11	87	c	35·3	-14	41	33	5	3	-	7	3	45	-	-
Stornoway	080	13	80	bc	33·6	-08	41	35	1	-	-	3	3	22	-	-
Cape Wrath	140	05	83	bc	39·6	-02	38	33	2	-	-	3	3	30	-	-
Sule Skerry	140	05	82	c	40·2	00	43	38	9	-	-	6	6	15	-	-
Renfrew	050	12	32	bc/r	34·4	-16	40	37	5	3	-	5	5	30	-	-
Dyce	100	14	61	pr	37·6	-16	41	36	8	3	-	7	5	14	-	-
Wick	030	11	82	b	39·9	-10	41	31	2	-	-	2	2	25	-	-
Lerwick	-	0	80	c	41·6	-11	39	36	5	-	-	7	7	35	-	-
Blacksod Point	090	10	80	c	30·7	-12	41	34	8	4	-	7	5	39	3	25
Malin Head	050	13	73	c	33·1	-16	43	32	5	-	-	7	7	21	-	-
Aldergrove	060	15	62	c	31·4	-14	40	32	5	3	-	6	5	30	2	20
Castle Archdale	080	09	81	c	31·2	-15	39	33	5	7	-	8	7	45	1	20
Birr Castle	040	09	74	c	28·2	-19	38	34	8	-	-	7	7	42	5	25
Collinstown	080	23	74	pr0	28·9	-15	39	34	3	-	-	8	6	17	-	-
Rineanna	040	12	82	c	28·0	-15	40	34	5	-	-	7	7	25	-	-
Valentia	050	17	74	c	26·2	-18	40	32	8	-	-	6	6	26	2	22
Midleton	030	15	66	c	24·9	-23	40	32	5	-	-	8	8	28	-	-

OBSERVATIONS at 18h. G.M.T. 3rd January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	080	26	70	c	19·6	-02	36	25	7	-	-	8	8	20	5	15	1
London Airport	060	21	50	c	19·5	-04	36	27	5	-	-	8	8	23	-	-	1
Tangmere	050	21	59	c	17·1	-08	34	30	5	-	-	8	8	24	-	-	0
Bournemouth (Hurn	060	17	63	c	16·2	-07	35	26	5	-	-	8	8	26	-	-	1
Boscombe Down	090	26	58	c	18·6	-10	34	27	6	-	-	8	8	18	4	10	0
Felixstowe	080	30	61	c	21·5	-03	35	29	5	-	-	8	8	21	-	-	0
Gorleston	090	30	58	c/ph	24·4	-03	37	30	5	-	-	8	8	24	-	-	1
West Raynham	060	24	63	c	23·8	-02	35	27	5	-	-	8	8	25	5	18	1
Mildenhall	080	18	66	c	22·8	00	35	32	5	-	-	8	8	22	-	-	2
Cranfield	070	24	37	c/-	21·6	-06	33	30	5	-	-	8	8	20	-	-	1
Elmdon	060	20	56	c	22·3	-03	35	29	6	-	-	8	8	28	3	16	1
Cottesmore	070	21	66	c/s	24·0	-05	34	28	5	-	-	8	8	31	-	-	1
Watnall	080	12	59	c	24·7	-05	35	32	5	-	-	8	8	20	-	-	1
Ross-on-Wye	060	22	50	c	20·2	-09	36	27	6	2	-	8	7	15	-	-	1
Shawbury	080	22	80	c	24·2	-05	38	31	5	-	-	8	8	25	7	15	1
Bristol	060	23	63	c	18·6	-14	36	30	6	-	-	8	8	29	1	10	1
Plymouth	080	32	40	i50	14·6	-14	35	27	5	-	-	8	8	14	-	-	7
Chivenor	060	22	74	c	17·3	-14	38	30	5	-	-	8	8	22	-	-	1
St. Eval	050	25	61	c	16·3	-11	36	32	5	-	-	8	8	24	-	-	c
Culdrose	060	27	58	c	15·4	-13	36	26	5	-	-	8	8	20	-	-	5
Scilly, St. Mary's	060	33	61	c	14·5	-07	39	28	8	-	-	7	7	16	-	-	1
Guernsey	080	20	19	s050	11·2	-00	34	31	6	-	-	8	8	11	-	-	7
Aberporth	060	22	62	c	20·7	-12	38	31	5	-	-	8	8	26	-	-	1
Holyhead (Valley)	050	10	60	c	13·9	-17	40	33	5	-	-	7	7	25	-	-	1
Manchester	050	17	61	c	24·3	-10	40	33	2	-	-	6	6	50	3	20	1
Squires Gate	050	23	48	c/d	24·0	-07	37	30	3	-	-	7	7	30	4	15	1
Silloth	080	19	59	bc	26·5	-05	37	31	8	-	-	3	3	35	1	18	1
Lindholme	050	18	68	c	30·4	-04	37	35	8	3	-	6	5	30	1	22	1
Spurn Head	090	30	56	pho	25·6	-04	39	36	3	7	-	8	6	15	-	-	2
Dishforth	070	11	66	c/ps	28·5	-02	36	33	8	-	-	7	7	23	3	10	1
Tynemouth	080	26	64	ph	31·2	-05	38	35	5	-	-	7	7	35	4	20	1
Leuchars	070	20	74	c	34·5	-02	39	33	8	-	-	7	7	35	4	15	1
Eskdalemuir	080	16	66	p50	32·0	-02	33	31	2	-	-	7	7	15	-	-	1
Prestwick	060	13	74	c	32·0	+01	38	31	5	-	-	6	6	50	-	-	0
West Freugh	060	16	74	bc	29·7	-02	37	34	5	4	-	3	3	40	-	-	0
Ronaldsway	070	25	66	c	27·7	-06	41	31	8	-	-	7	7	39	4	22	0
Tiree	030	11	39	c	33·7	+00	39	33	5	-	-	7	7	35	-	-	1
Benbecula	080	14	87	b	35·6	-01	37	34	5	-	-	1	1	30	-	-	0
Stornoway	090	11	80	bc	37·3	-03	40	35	1	-	-	3	3	25	-	-	1
Cape Wrath	090	05	83	b	37·1	-05	39	31	1	-	-	2	2	30	-	-	3
Sule Skerry	090	05	82	bc	39·2	-02	42	37	2	-	-	5	5	15	-	-	1
Renfrew	060	15	48	c	33·3	+02	37	33	5	-	-	7	7	32	2	15	1
Dyce	090	09	74	pr0	37·2	+03	37	31	8	-	-	7	7	37	3	20	1
Wick	100	09	81	c	38·9	-01	40	30	1	-	-	6	6	20	-	-	1
Lerwick	020	05	80	bc	39·6	-04	40	37	2	3	-	5	2	17	-	-	1
Blacksod Point	130	16	70	c	28·2	-08	41	35	8	-	-	7	4	31	3	15	
Malin Head	050	19	57	c	30·7	-07	44	34	5	-	-	7	7	21	-	-	
Aldergrove	060	17	66	c/pr	29·4	-05	38	34	8	-	-	6	6	25	2	17	1
Castle Archdale	080	09	82	bc	29·0	-04	38	32	5	4	-	3	2	45	1	20	1
Birr Castle	060	11	74	c	28·7	-06	39	32	5	-	-	8	8	40	-	-	
Collinstown	070	20	74	c/pr	26·3	-08	41	30	5	-	-	8	8	42	6	28	
Rineanna	050	16	80	c	25·2	-07	39	33	8	-	-	7	7	40	1	25	
Valentia	040	14	78	c	23·9	-07	40	32	2	-	-	7	7	23	-	-	
Midleton	030	18	66	c	22·1	-11	40	31	5	-	-	8	8	28	-	-	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cm,r,S2.	C2o,Cir,S c	38	0·0	TR
London Airport	Ci S.	Ci S.	38	*	TR
Tangmere	cm. Ci S. C	C2. cm.	34	0·0	TR
Bournemouth (Hurn	Cm. r. S. C	C	36	*	TR.
Boscombe Down	CC2,Ci S,cm2.	CCm2.	36	0·0	TR
Felixstowe	C	C	38	0·0	-
Gorleston	Spr. Sp/h	Spr. ho	39	0·0	TR.
Mildenhall	cr. r. m. r. r5	C cp5. m. C	36	0·0	0·5
Cranfield	Cir. S m.	Cir. S m. i d.	36	0·0	1
Elmdon	Cr. S. o S. S.	Cm. Ci S.	36	0·0	1
Cottesmore	C r S r S. C	C	36	0·0	0·4
Watnall	Ci d. S m. C	Co	36	0·0	1
Ross-on-Wye	Cr Cr. m. o r S. Cm2.	Cm. Cir. S C	36	0·0	0·3
Shawbury	Cir. o	Ci d.	37	0·0	TR
Bristol	C Cr r S. C	C	39	0·0	TR
Plymouth	C r S o	C s h Ci S.	38	0·0	TR
Chivenor	C r S S Ci S. m.	Cm. C S. S. C S S m.	37	0·0	1
St. Eval	C i r. m. r. sh	Cir.	39	0·0	0·1
Culdrose	C C p r. Ci r S	C C x	38	0·0	TR
Scilly, St. Mary's	O p r. S C p r S C	C p r. S p S. O S. S.	37	0·0	TR
Guernsey	C	C	42	0·7	-
Aberporth	C S. S. S S	C S. S. S S	35	0·0	5
Pembroke Dock	C	C C m. r S. m. 2	40	0·3	TR
Holyhead (Valley)	C	C	41	0·0	-
Manchester	C	C	40	0·1	-
Squires Gate	C p r. i r S	C p r. i d. p r. S C	33	0·6	TR
Silloth	C b C	C b C b C m. C b C	40	0·8	-
Lindholme	C	C C p r S	40	0·8	0·1
Spurn Head	C i r. C p S	C p. r. r. S m.	39	0·0	1
Dishforth	C i r. h	C p r h.	40	0·0	0·2
Tynemouth	C r. r. p S.	C p r. p S. C	38	0·1	1
Leuchars	C p r. S C p r h q	C p r h q C	41	0·0	2
Eskdalemuir	C i d o p r.	C p r. S p r	42	0·2	1
Prestwick	C C i r.	C p S. C	37	0·4	0·5
West Freugh	C	b C	42	1·5	-
Ronaldsway	C	C i d o b C	41	0·1	0·1
Tiree	C	C	42	0·0	-
Benbecula	C b v	C b b C v	42	2·2	-
Stornoway	b C C b	b	41	3·8	-
Cape Wrath	b b C p r.	C p r. S p r	42	4·3	TR
Sule Skerry	b C	b C b	40	*	-
Renfrew			44	*	1
Dyce	C m. i r.	C m. i r.	41	0·7	TR
Wick	C p r h p r b C	b C C p r. h C	41	0·1	4
Lerwick	C b C	b C C	42	2·3	-
Blacksod Point	C	C b C	41	0·0	-
Malin Head	C	C	42	0·0	-
Aldergrove	C	C	44	0·5	-
Castle Archdale	C	C C p r. C	40	0·0	TR
Birr Castle	C	b C C	40	0·0	-
Collinstown	C	C	40	0·3	-
Rineanna	p r	p	41	C·0	0·3
Valentia	C	C	42	0·7	-
Midleton	C	C	41	0·1	-
Castle Archdale	C	C	41	0·0	-

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52°24′	19°54′	1024	00	100	24	c	c	50	51	43	97	8	4	-	7	7	9½
WEATHER OBSERVER	59°0′	18°48′	1034	00	130	17	c	c	47	48	36	98	5	-	-	6	8	8
CUMULUS	61°54′	02°18′E	1040	-11	200	14	c/pr	c	41	46	36	97	9	7	-	5	7	5
CIRRUS	44°54′	16°18′	1012	+07	090	25	c	c	52	56	41	70	8	-	-	6	6	17½
WEATHER EXPLORER	62°0′	33°0′	1023	+09	140	21	do/o	d	43	41	43	95	6	-	-	8	8	13
U.S. SHIP 'C'	52°48′	35°18′	1003	-07	070	18	so/o	r	45	46	45	63	7	2	-	2	8	5
U.S. SHIP 'D'	44°0′	41°0′	1007	+27	290	26	pr0	p	47	60	41	61	2	-	-	8	8	13
ARABIA	51°12′	21°36′	1019	-14	120	24	jp	bc	50	52	43	98	8	-	-	6	6	8
ANISVALE	48°6′	08°42′	1009	+20	060	21	c	c	45	56	42	98	5	-	-	8	8	13
PARTHIA	54°18′	22°13′	1026	-18	150	24	bc	c	49	52	45	98	8	-	-	5	5	-

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	59°0′	18°48′	1035	+06	090	15	i50	r	47	48	36	98	5	2	-	6	8	6½
LE VERRIER	52°36′	20°24′	1023	+01	090	24	c	p	50	51	39	97	8	-	-	8	8	9½
CUMULUS	66°0′	02°24′E	1037	-13	220	18	c	c	43	44	39	97	8	-	-	7	7	6½
MERMOZ	44°48′	08°0′	1011	-02	060	17	bc	c	45	50	34	60	5	-	-	5	5	6½
WEATHER EXPLORER	62°0′	33°0′	1024	+25	140	22	c	s	43	41	41	96	5	-	-	8	8	6½
U.S. SHIP 'C'	52°48′	35°30′	1002	+12	110	30	ro/o	r	47	44	45	63	7	2	-	6	8	9½
U.S. SHIP 'D'	44°0′	41°0′	1007	+07	320	27	jp	p	50	60	39	65	3	-	-	6	6	13
CITY OF BRISBANE	50°6′	15°36′	1020	-08	080	16	c	c	47	53	40	98	8	-	-	8	8	8
WAIPAWA	47°54′	12°18′	1013	00	080	24	bc	c	48	53	44	97	3	-	-	4	4	8
VESTRA	57°36′	03°18′E	1038	00	090	24	bc	bc	36	44	30	98	5	6	2	2	4	8

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Monday 3rd January

1955

All times are G.M.T.

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ◑ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◕ Sky 6/8 covered ◕ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

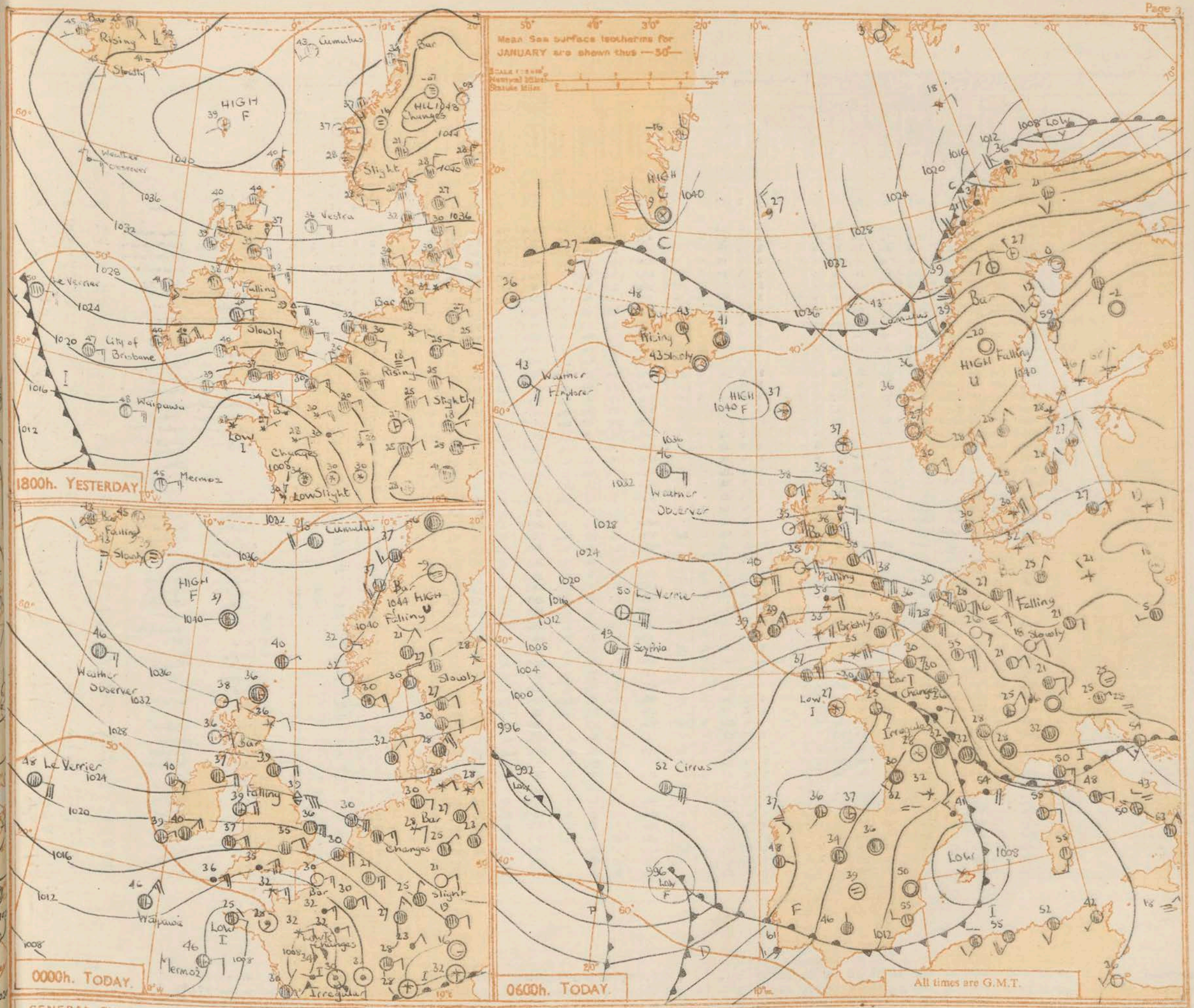
WEATHER SYMBOLS • Rain. • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog = Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

The anticyclone over Scandinavia is giving way slowly but another to the north of Jan Mayen is intensifying and moving southeast. A depression near Southwest England is filling up and an associated occlusion is expected to become slow moving over Southern England.

Issued amid-day today Tuesday 4th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

The cold easterly winds will continue and they will reach gale force in some eastern parts of England. In Southern districts of England and Wales there will be prolonged periods of snow today, but the snow will probably become slight and intermittent later. Sleet or snow showers will also occur in other places, more especially in the east of the British Isles.

OUTLOOK FOR the following 24 hours:- Continuing cold. Some sleet or snow showers chiefly in the east and south.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 4th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form † Low (9)	Form † Medium (10)	Form † High (11)	Total amount 0–8 (12)	Main layer: Amt. 0–8 (13)	Main layer: † Ht. (14)	Lowest layer: Amt. 0–8 (15)	Lowest layer: † Ht. (16)
Kew	18	*	*	*	*	*	*	34	*	*	*	*	*	*	*	*	*
London Airport	82	070	22	58	c	16·5	-23	35	33	5	-	-	8	8	23	-	-
Tangmere ...	53	090	28	59	c	15·0	-14	33	24	5	1	-	8	5	26	-	-
Bournemouth (Hurn	34	070	20	62	c	13·5	-12	34	30	5	-	-	8	8	29	-	-
Boscombe Down	414	090	24	56	c	15·8	-20	33	29	5	-	-	8	8	15	-	-
Felixstowe ...	10	090	30	61	c	19·3	-14	35	29	5	-	-	8	8	18	-	-
Gorleston ...	5	100	28	62	c	23·3	-09	36	31	5	-	-	8	8	21	-	-
West Raynham	250	070	27	81	c	22·3	-08	33	26	5	-	-	8	8	24	-	-
Mildenhall ...	15	110	19	74	ldo	20·9	-17	35	31	6	-	-	8	8	23	6	16
Cranfield ...	340	070	25	58	c/d	0·4	-28	33	27	5	-	-	8	8	21	-	-
Elmdon ...	324	070	20	63	c	20·2	-17	34	32	5	-	-	8	8	19	-	-
Cottesmore ...	440	080	25	66	c	22·4	-16	34	27	5	-	-	8	8	36	-	-
Watnall ...	366	080	21	63	c/r	22·2	-20	35	30	5	-	-	8	8	37	6	18
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	090	15	66	c	21·0	-24	36	30	5	-	-	8	8	35	6	24
Bristol	192	070	23	63	c	16·4	-17	34	31	5	-	-	8	8	19	-	-
Plymouth ...	90	070	19	19	3oso	11·6	-21	32	32	6	2	-	8	8	15	4	11
Chivenor ...	20	050	25	58	roso	14·3	-19	35	33	5	-	-	8	8	25	-	-
St. Eval... ...	336	040	17	48	3oso	12·9	-23	31	31	5	-	-	8	8	10	-	-
Culdrose ...	260	050	25	08	3oso	11·7	-29	31	31	6	-	-	8	8	03	-	-
Scilly, St. Mary's	158	050	24	57	roso	10·5	-27	36	33	6	-	-	8	8	07	-	-
Guernsey ...	340	100	16	60	c	09·6	-06	32	23	5	-	-	8	8	12	-	-
Aberporth ...	375	060	27	66	c	16·8	-36	36	28	5	-	-	8	8	26	-	-
Pembroke Dock	34	060	20	58	c	17·1	-13	37	31	5	-	-	8	8	32	-	-
Holyhead (Valley)	32	050	22	66	c	21·1	-27	39	32	2	-	-	7	7	21	-	-
Manchester ...	248	090	19	57	c	22·9	-18	37	23	8	-	-	7	7	30	3	18
Squires Gate ...	33	070	23	74	c	24·0	-20	37	28	5	-	-	7	7	46	-	-
Silloth	25	050	16	66	c/pr	28·6	-14	36	33	8	3	-	7	5	35	1	20
Lindholme ...	21	060	19	70	c/r	24·5	-18	37	31	5	-	-	8	8	25	-	-
Spurn Head ...	29	100	33	64	sh	24·3	-12	39	36	3	-	-	7	7	15	-	-
Dishforth ...	105	050	10	66	pso	26·9	-07	36	30	8	-	-	8	8	33	4	11
Tynemouth ...	108	090	22	61	c	23·8	-11	39	29	5	-	-	8	8	35	-	-
Leuchars ...	36	040	23	66	c	32·8	-13	38	29	8	-	-	8	8	46	4	18
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	050	19	74	b	30·3	-13	36	32	5	-	-	2	1	30	-	-
West Freugh ...	50	090	09	80	c	28·5	-06	37	29	5	-	-	6	6	43	-	-
Ronaldsway ...	55	070	24	74	c	25·8	-14	39	31	8	-	-	8	8	40	2	25
Tiree	29	060	14	89	b	33·5	-05	36	26	1	-	2	2	1	20	-	-
Benbecula ...	18	090	14	87	b	35·0	-04	37	29	-	-	-	0	-	-	-	-
Stornoway ...	10	080	10	80	b	36·2	-14	38	32	4	-	-	1	1	28	-	-
Cape Wrath ...	367	140	05	83	bc	36·4	-12	39	34	8	7	-	4	2	30	-	-
Sule Skerry ...	43	090	02	82	pro	37·0	-14	41	37	8	-	-	8	8	10	-	-
Renfrew ...	28	060	10	58	c	31·9	-11	36	30	5	-	-	6	6	50	3	20
Dyce	185	080	12	58	sh	35·8	-10	36	29	5	-	-	8	7	28	-	-
Wick	119	-	0	82	c	36·7	-13	36	34	8	-	-	7	7	41	2	13
Lerwick ...	269	070	04	82	c	38·4	-11	40	35	5	3	-	7	3	23	-	-
Blacksod Point	18	110	13	70	c	26·7	-13	40	34	8	-	-	7	4	33	3	21
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	070	21	74	c	27·6	-14	37	28	5	-	-	7	7	45	-	-
Castle Archdale	225	080	10	82	bc	27·0	-19	37	29	5	3	-	4	2	40	-	-
Birr Castle ...	231	050	12	74	c	22·7	-21	39	28	5	-	-	7	7	36	-	-
Collinstown ...	226	070	27	69	c	23·7	-18	40	26	5	-	-	2	8	28	-	-
Rineanna ...	10	040	14	80	c	22·1	-23	38	31	5	-	-	7	7	45	1	30
Valentia ...	30	050	04	78	c	21·0	-20	39	32	2	-	-	7	7	21	-	-
Midleton ...	30	040	18	66	c	19·0	-21	40	30	5	-	-	8	8	28	-	-

OBSERVATIONS at 06h. G.M.T. 4th January 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form † Low (25)	Form † Medium (26)	Form † High (27)	Total amount 0–8 (28)	Main layer: Amt. 0–8 (29)	Main layer: † Ht. (30)	Lowest layer: Amt. 0–8 (31)	Lowest layer: † Ht. (32)	21 h. State of ground † (33)
Kew	080	30	56	0	14·2	-23	35	35	6	-	-	8	8	20	-	-	5
London Airport	070	22	62	c	13·6	-23	35	26	5	-	-	8	8	19	-	-	5
Tangmere ...	080	20	13	55	13·4	-12	30	29	-	-	-	9	-	-	-	-	7
Bournemouth (Hurn	070	13	30	55	11·3	-13	32	23	6	-	-	8	8	25	3	11	6
Boscombe Down	100	20	09	3oSo	13·1	-18	31	29	-	-	-	9	-	-	-	-	7
Felixstowe ...	100	30	59	c	17·2	-15	36	30	5	-	-	8	8	22	-	-	0
Gorleston ...	030	32	62	c	20·2	-17	36	31	5	-	-	8	8	21	-	-	0
West Raynham	080	28	66	c	19·6	-19	33	30	5	-	-	8	8	18	-	-	1
Mildenhall ...	110	23	66	c	17·3	-23	34	28	5	-	-	8	8	20	-	-	1
Cranfield ...	080	28	63	c	16·0	-19	33	25	5	-	-	8	8	18	-	-	5
Elmdon ...	080	22	63	c	17·1	-18	33	31	6	-	-	8	8	14	3	11	1
Cottesmore ...	060	30	66	c	13·2	-12	32	23	5	-	-	8	8	15	-	-	3
Watnall ...	080	28	66	c	19·4	-21	34	31	5	-	-	8	8	20	5	16	0
Ross-on-Wye ...	060	19	64	roSo	14·2	-24	33	25	5	-	-	8	8	20	-	-	6
Shawbury ...	070	29	66	c	17·8	-29	35	30	5	-	-	8	8	24	-	-	1
Bristol	080	22	32	55	12·7	-23	31	31	-	-	-	9	-	-	-	-	7
Plymouth ...	070	19	11	55	07·8	-23	32	32	6	-	-	8	8	17	5	10	7
Chivenor ...	090	15	32	3So	11·4	-12	33	31	5	-	-	8	8	50	-	-	5
St. Eval... ...	050	28	58	3So	07·9	-30	32	31	6	-	-	8	8	14	2	09	6
Culdrose ...	050	16	06	55	07·6	-25	31	31	6	-	-	8	8	03	-	-	9
Scilly, St. Mary's	050	25	61	55	05·7	-27	37	32	6	-	-	8	8	07	-	-	5
Guernsey ...	110	10	60	c	07·9	-02	33	27	5	-	-	7	7	20	-	-	7
Aberporth ...	060	23	66	c	14·9	-17	35	27	5	-	-	8	8	23	-	-	1
Pembroke Dock	060	20	28	3oSo	13·4	-25	33	33	7	-	-	8	8	15	-	-	7
Holyhead (Valley)	070	21	63	roSo	17·6	-28	38	34	5	-	-	8	8	31	6	17	1
Manchester ...	100	23	59	c	19·0	-27	37	28	5	-	-	8	8	26	-	-	1
Squires Gate ...	080	23	62	c	20·0	-23	38	29	5	-	-	8	8	27	-	-	1
Silloth	070	16	28	pSo	25·1	-21	35	32	6	-	-	8	8	03	-	-	1
Lindholme ...	080	20	66	c	21·6	-23	37	32	5	-	-	8	8	45	-	-	1
Spurn Head ...	100	38	66	c	21·5	-18	38	35	5	-	-	8	8	20	-	-	1
Dishforth ...	060	16	60	pro	23·5	-16	37	31	3	-	-	8	8	10	-	-	1
Tynemouth ...	080	27	63	c/ph	27·3	-11	38	34	8	-	-	6	5	35	2	20	1
Leuchars ...	080	25	62	c/ph	29·8	-17	38	28	8	3	-	7	5	40	3	20	1
Eskdalemuir ...	080	10	32	pSo	26·7	-20	34	33	2	-	-	5	5	12	-	-	6
Prestwick ...	060	18	74	b	27·0	-21	34	30	5	-	-	1	1	40	-	-	0
West Freugh ...	090	16	66	b	24·5	-23	33	29	5	-	-	1	1	45	-	-	3
Ronaldsway ...	070	24	80	c	21·6	-21	39	29	5	-	-	7	7	42	1	25	0
Tiree	060	17	89	b	23·9	-24	35	25	5	-	-	1	1	20	-	-	1
Benbecula ...	070	12	87	bc	22·7	-13	37	31	5	-	-	3	3	35	-	-	1
Stornoway ...	080	13	74	b	24·2	-07	38	33	5	-	-	2	2	25	-	-	1
Cape Wrath ...	090	13	83	proSo	23·1	-23	39	34	8	-	-	4	4	25	-	-	2
Sule Skerry ...	090	09	82	bc	25·1	-10	41	37	8	-	-	3	3	15	-	-	1
Renfrew ...	060	16	58	c/s	28·4	-22	34	31	6	-	-	6	5	19	1	09	5
Dyce	120	10	24	proSo	23·4	-12	36	30	2	-	-	7	6	12	-	-	1
Wick	100	15	82	bc/pr	25·6	-06	38	29	8	-	-	3	3	39	1	23	1
Lerwick ...	-	0	82	bc	27·7	-04	37	34	5	-	-	4	4	30	-	-	1
Blacksod Point	070	27	70	bc	23·7	-15	40	26	8	-	-	5	5	39	3	19	0
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Aldergrove ...	060	18	74	b	23·8	-20	35	26	5	-	-	1	1	40	-	-	1
Castle Archdale	040	12	81	b	23·9	-24	35	28	5	-	-	2	2	40	-	-	1
Birr Castle ...	060	12	66	c/r	19·4	-21	38	26	5	-	-	8	8	30	3	20	1
Collinstown ...	080	28	74	iso	19·8	-23	39	27	5	-	-	8	8	30	-	-	1
Rineanna ...	050	15	80	c	19·3	-19	38	28	5	-	-	8	8	40	-	-	1
Valentia ...	030	15	78	c	17·6	-20	39	29	2	-	-	8	8	20	-	-	1
Midleton ...	030	27	66	c	14·9	-25	39	29	5	-	-	8	8	24	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h. to 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h. 09h. mm. (43)
Kew	c cc2oSo	Sm	32	30	TR
London Airport	c	cSSm	32	31	TR
Tangmere ...	cmo2o	coSoOSeOSeSof	29	23	2
Bournemouth (Hurn	c cSSmo	cSSmeSSeSomo	30	27	3
Boscombe Down	cmo	cmoSSofSeSom	29	29	0·6
Felixstowe ...	ccmo	cmocmogcmo	35	34	-
Gorleston ...	0	00mog	35	34	-
West Raynham	ccidoS	CSeSoC	32	31	TR
Mildenhall ...	cdodoc	ccmo	34	33	TR
Cranfield ...	croSedoc	cc2o	32	30	TR
Elmdon ...	c	c	32	32	-
Cottesmore ...	c	c	31	31	-
Watnall ...	ciros	ccirosoc	33	32	TR
Ross-on-Wye ...	O	OroSoOS	31	31	0·4
Shawbury ...	c	ccroSc	34	33	TR
Bristol	ciSo	ciSoSoSoiS	31	29	1
Plymouth ...	OSSmeSSeSomo	CSSmeSSeSomo	31	32	7
Chivenor ...	croSomoSoSo	cSoSomo	32	31	1
St. Eval... ...	cxSoSomox	CSeSomoSSm	30	29	0·3
Culdrose ...	OSoOiSo	OiSoSoShHS	31	30	5
Scilly, St. Mary's	cOroSo	Oross	33	*	2
Guernsey ...	OSSO	Obcc	31	30	4
Aberporth ...	c	ccirSoSoSoSomo	32	31	TR
Pembroke Dock	cmo	OSeSof	32	32	2
Holyhead (Valley)	cproc	ccroS	37	36	TR
Manchester ...	cproc	cpSoiclo	35	34	TR
Squires Gate ...	bccbc	bccmoiro	35	32	TR
Silloth	cprobcb	cpSeccpro	33	30	TR
Lindholme ...	croroiroc	croiiroSoc	35	33	TR
Spurn Head ...	cpch	Oc	37	*	TR
Dishforth ...	ccpros	cproroSo	35	33	TR
Tynemouth ...	cprohcp	cprohcp	37	33	0·3
Leuchars ...	cpho	cprspho	33	32	2
Eskdalemuir ...	ccpSoc	ccpSoc	30	27	0·2
Prestwick ...	cb	cprSobbcc	34	30	TR
West Freugh ...	bcc	bbc	32	30	-
Ronaldsway ...	ccpror	c	39	36	TR
Tiree	bcbv	bbccv	33	26	-
Benbecula ...	bxbcx	bxbcx	34	25	-
Stornoway ...	bcb c	bcb	37	30	-
Cape Wrath ...	bcps	psbc	35	32	2
Sule Skerry ...	*	*	39	33	0·5
Renfrew ...	ciSo	cSSbcc	33	30	1
Dyce	cisob	bcpSo	34	29	0·4
Wick	cird	cprobc	33	29	2
Lerwick ...	bcc	bbccbc	35	27	-
Blacksod Point	b	bc	37	35	-
Malin Head ...	*	*	38		TR
Aldergrove ...	c	bcbbcc	34	32	-
Castle Archdale	cbc	cciSo	34	29	-
Birr Castle ...	r	r	36	34	TR
Collinstown ...	c	r	38	36	TR
Rineanna ...	c	c	35	33	-
Valentia ...	c	c	38	34	-
Midleton ...	c	c	37	36	-

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Form † Med.	Form † High	Amount Low	Amount Total	Height of waves ft.
WAIPAWA	48°18'	10°42'	1013	-10	030	25	c	c	46	53	42	97	2	4	-	6	7	9½
PARTHIA	53°18'	27°48'	1018	-20	150	24	c	c	49	52	44	98	8	-	-	7	7	-
WEATHER OBSERVER	59°12'	19°0'	1034	-10	090	15	c	p	46	48	38	98	5	-	-	8	8	21
LE VERRIER	52°42'	20°42'	1022	-12	090	28	c	c	48	49	39	97	5	-	-	8	8	9½
CUMULUS	65°54'	02°42'E	1034	-17	240	18	c/pr	bc	45	45	43	97	9	-	2	8	8	8
MERMOZ	45°54'	06°6'	1005	-18	080	09	c	bc	46	50	34	65	5	-	-	6	6	3
CIRRUS	44°54'	15°48'	1008	-18	100	28	c	p	52	54	46	65	8	-	-	7	7	16
WEATHER EXPLORER	62°0'	32°48'	1028	+18	130	16	c	c	43	42	41	97	5	7	-	4	8	6½
U.S. SHIP 'C'	52°48'	35°30'	1005	+14	090	33	c	r	48	44	44	65	5	-	-	8	8	9½
U.S. SHIP 'D'	44°0'	41°0'	1008	+02	340	22	jp	p	49	62	86	65	8	-	-	3	6	11

06h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Form † Med.	Form † High	Amount Low	Amount Total	Height of waves ft.
WEATHER OBSERVER	59°12'	19°12'	1033	-01	090	16	c	p	46	48	36	98	5	-	-	8	8	5
LE VERRIER	52°36'	20°24'	1021	-01	090	36	bc	bc	50	50	39	87	8	-	7	3	3	11
CUMULUS	65°54'	02°12'E	1033	-01	320	18	c	c	43	44	39	97	5	4	-	8	8	6½
CIRRUS	44°54'	15°48'	1005	-16	100	29	c	c	52	53	37	60	5	-	-	8	8	17½
WEATHER EXPLORER	62°6'	33°6'	1031	+13	120	15	c	c	43	42	40	97	5	-	-	8	8	6½
U.S. SHIP 'D'	44°0'	41°0'	1008	+00	320	16	bc	c	49	61	36	69	2	4	-	2	5	9½
U.S. SHIP 'C'	52°48'	35°30'	1009	+24	110	32	c	r	49	45	44	63	5	-	-	8	8	13
MERMOZ	45°48'	04°12'	1008	-10	270	24	bc	r	45	55	36	65	5	-	-	3	3	3
SCYTHIA	50°24'	20°6'	1016	-12	090	30	c	p	49	54	37	98	8	-	-	8	8	-
SAMARIA	49°42'	29°0'	1005	+32	100	35	o	c	52	51	46	98	6	-	-	8	8	-

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* Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34012. *Date of Issue* Wednesday 5th January, 1955

OBSERVATIONS at 12h. G.M.T. 4th January, 1955.

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer Ht. † (16)
Kew	160	12	65	ss	15·2	+04	32	31	–	2	–	8	8	12	–	–
London Airport	090	13	05	ss	15·3	+09	31	31	–	2	–	8	8	04	–	–
Tangmere	050	10	23	ss_o	13·4	00	31	30	–	2	–	8	8	06	–	–
Bournemouth (Hurn	090	09	37	c/s	12·0	+02	32	29	7	–	–	8	8	25	6	10
Boscombe Down	110	14	48	c/s	13·9	−02	29	29	6	–	–	8	8	20	3	06
Felixstowe	110	21	21	is_o	17·0	−07	34	31	6	–	–	8	8	09	–	–
Gorleston	090	05	38	c	20·0	−09	36	34	5	7	–	8	8	07	6	23
West Raynham	080	23	09	c	19·0	−03	34	29	5	–	–	8	8	20	–	–
Mildenhall	120	23	56	c	17·3	−05	35	29	6	–	–	8	8	25	6	15
Cranfield	080	22	09	ss	15·7	−03	31	29	6	–	–	8	8	03	–	–
Elmdon	080	18	08	ss	15·8	−09	31	31	6	–	–	8	8	06	–	–
Cottesmore	180	27	62	c	18·4	−03	33	27	5	–	–	8	8	12	4	09
Watnall	090	18	66	c/s	18·6	−03	34	29	6	–	–	8	8	20	5	12
Ross-on-Wye	080	10	04	ss	14·1	00	31	30	–	2	–	8	8	05	–	–
Shawbury	090	20	11	ss	16·2	−16	33	31	7	2	–	8	8	10	6	06
Bristol	090	12	20	ss	12·9	+05	31	31	6	2	–	8	8	09	6	07
Plymouth	110	11	12	ps	07·3	−10	34	32	3	–	–	8	8	10	–	–
Chivenor	100	15	32	sh	09·9	−08	33	32	5	–	–	8	8	30	7	14
St. Eval	070	14	05	ss	07·2	−11	31	31	–	–	–	9	–	–	–	–
Culdrose	070	07	40	c/s	07·2	−05	33	28	6	–	–	8	8	08	–	–
Scilly, St. Mary's	130	09	66	bc	05·8	+01	40	31	8	–	5	4	3	13	–	–
Guernsey	150	16	63	c	09·7	+02	36	30	8	–	–	7	6	35	5	16
Aberporth	070	18	56	is_o	12·4	−18	33	28	6	2	–	8	8	30	6	15
Pembroke Dock	070	13	60	so_o	11·4	−19	32	32	6	2	–	8	8	20	6	12
Holyhead (Valley)	070	25	59	c	15·3	−21	31	31	5	2	–	8	7	25	–	–
Manchester	100	38	61	c	17·2	−13	35	27	5	–	–	8	8	30	5	20
Squires Gate	080	25	60	c/d	17·8	−19	38	32	8	–	–	8	8	40	4	12
Silloth	070	20	63	c	23·9	−09	37	35	5	–	–	8	8	30	2	20
Lindholme	090	23	61	c	20·3	−10	36	32	5	–	–	8	8	20	–	–
Spurn Head	100	41	80	o/d	20·4	−08	33	32	7	–	–	8	8	15	–	–
Dishforth	090	23	61	c/ps	22·4	−10	37	34	2	–	–	7	7	16	–	–
Tynemouth	080	37	61	ph_o	26·2	−08	39	34	5	–	–	8	8	25	–	–
Leuchars	070	21	70	pf_o	30·0	−04	39	31	8	–	–	8	8	30	1	12
Eskdalemuir	110	18	48	ps	25·5	−09	33	32	2	–	–	8	8	06	–	–
Prestwick	060	24	74	c	25·5	−12	38	30	5	3	2	7	3	40	–	–
West Freugh	080	20	80	c	22·2	−17	38	34	5	1	–	7	6	15	–	–
Ronaldsway	070	32	74	c	19·2	−19	41	31	5	–	–	8	8	28	–	–
Tiree	080	18	89	c	29·1	−15	39	27	5	–	–	7	7	40	4	22
Benbecula	060	12	87	bc	31·9	−10	38	31	8	–	–	5	5	45	1	28
Stornoway	050	15	82	b	34·1	−03	39	28	1	–	–	2	2	28	–	–
Cape Wrath	090	13	83	b	34·2	−04	38	26	1	–	–	2	2	30	–	–
Sule Skerry	110	09	82	c	36·0	+03	40	34	8	–	–	6	6	15	–	–
Renfrew	060	20	57	c	27·3	−09	37	32	5	–	–	7	5	22	3	18
Dyce	120	09	64	c	32·6	−10	39	31	8	–	–	7	7	35	1	15
Wick	110	12	34	c/ps	35·3	−09	39	26	2	–	–	7	7	25	–	–
Lerwick	–	0	81	bc	37·3	−08	37	34	2	3	–	4	3	17	–	–
Blacksod Point	040	28	80	c	30·4	−23	40	33	7	–	–	7	7	56	3	15
Malin Head	090	24	72	c	24·3	−17	42	31	9	–	–	6	6	21	–	–
Aldergrove	060	25	82	c	21·7	−19	38	30	5	–	–	8	7	20	–	–
Castle Archdale	070	15	81	c	20·7	−24	37	30	6	2	–	8	4	45	3	24
Birr Castle	050	10	48	so_o	15·6	−24	33	32	6	–	–	8	8	20	6	09
Collinstown	090	28	58	rs	16·6	−18	37	34	6	–	–	8	8	09	2	05
Rineanna	030	18	62	fo_o	15·8	−23	36	34	6	–	–	8	8	30	5	13
Valentia	020	22	62	ri_o	13·9	−23	38	34	6	–	–	8	8	17	–	–
Midleton	030	18	58	rs_o	12·0	−19	36	33	4	2	–	8	8	35	2	13

OBSERVATIONS at 18h. G.M.T. 4th January, 1955.

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	080	12	14	c/f	16·7	+10	32	31	6	7	–	8	7	10	–	–	7
London Airport	080	09	11	o	16·5	+15	31	31	6	–	–	8	8	05	–	–	9
Tangmere	050	07	29	b_o	15·4	+15	32	32	5	–	–	5	5	15	–	–	7
Bournemouth (Hurn	090	10	56	c	13·7	+14	33	31	2	–	–	7	7	25	2	15	6
Boscombe Down	110	09	37	rr	15·8	+16	31	30	5	–	–	8	8	15	–	–	7
Felixstowe	120	26	19	rs_o	18·2	+09	34	34	6	–	–	8	8	05	–	–	7
Gorleston	100	30	56	c	20·5	+07	38	33	7	2	–	8	7	18	–	–	2
West Raynham	100	20	63	c	19·0	+07	36	29	5	–	–	8	8	18	–	–	7
Mildenhall	140	15	09	ss	18·8	+12	33	33	–	–	–	8	8	08	–	–	7
Cranfield	100	06	05	ss	16·8	+05	31	31	6	–	–	8	8	02	–	–	9
Elmdon	080	09	14	ss	17·3	+11	31	31	–	–	–	9	9	00	–	–	9
Cottesmore	080	16	05	ss_o	19·2	+12	31	31	–	–	–	9	–	–	–	–	7
Watnall	090	14	04	ss	19·2	+13	32	32	–	–	–	9	9	01	–	–	7
Ross-on-Wye	100	08	24	o	15·5	+16	32	30	6	–	–	8	8	08	–	–	7
Shawbury	090	15	07	ss_o	17·0	+07	32	31	–	–	–	9	–	–	–	–	7
Bristol	100	10	32	c	14·9	+17	32	32	5	–	–	8	8	20	–	–	7
Plymouth	110	14	33	c	08·5	+07	38	32	8	–	–	7	7	23	5	14	6
Chivenor	090	14	40	rs_o	10·6	+12	35	30	5	–	–	7	7	12	–	–	1
St. Eval	110	12	61	c	07·6	+12	34	31	5	1	–	7	3	12	–	–	7
Culdrose	110	10	15	ss	07·3	+02	33	32	6	–	–	8	8	04	–	–	6
Scilly, St. Mary's	080	02	32	ss	04·7	+02	34	31	8	–	–	8	8	10	–	–	7
Guernsey	150	18	60	c	11·1	+10	40	35	8	–	–	7	4	30	4	15	1
Aberporth	080	18	66	bc	12·9	+16	32	28	5	–	–	3	3	45	–	–	3
Pembroke Dock	090	17	58	c	11·0	+09	33	30	5	–	–	8	8	13	–	–	7
Holyhead (Valley)	080	25	17	rs_o	14·5	+03	34	34	6	–	–	8	8	08	–	–	1
Manchester	100	25	23	is	18·3	+10	34	32	–	–	–	9	9	00	–	–	7
Squires Gate	100	22	58	c	19·0	+15	37	30	5	–	–	8	8	22	–	–	1
Silloth	070	20	66	c	22·3	+01	37	34	5	7	–	7	3	20	–	–	1
Lindholme	090	20	63	c	20·3	+04	37	32	6	–	–	8	8	22	5	15	0
Spurn Head	120	42	58	o	20·0	+04	37	34	7	–	–	8	8	16	–	–	0
Dishforth	090	20	63	c	22·2	+09	37	31	5	–	–	8	8	23	–	–	1
Tynemouth	080	37	61	c/ph	25·1	−01	39	34	5	–	–	8	8	25	–	–	1
Leuchars	080	28	62	fo/c	28·6	−05	39	32	6	–	–	8	8	24	4	16	1
Eskdalemuir	080	10	66	prs_o	24·6	+04	33	31	2	–	–	8	8	14	–	–	6
Prestwick	060	09	66	c	24·1	+03	37	30	5	–	2	7	5	36	–	–	1
West Freugh	090	24	74	c	21·1	+08	38	33	5	1	–	8	7	24	–	–	0
Ronaldsway	090	36	60	c/s	18·6	+06	40	33	5	–	–	8	8	20	–	–	1
Tiree	090	22	83	b	26·4	−06	39	27	5	4	–	1	1	26	–	–	1
Benbecula	090	23	84	b	28·5	+02	39	31	1	–	–	1	1	30	–	–	0
Stornoway	060	24	82	b	31·8	−05	39	28	5	–	–	2	2	30	–	–	1
Cape Wrath	090	18	83	c	31·8	−04	38	30	5	–	–	6	6	30	–	–	0
Sule Skerry	090	09	82	c	34·1	−04	40	31	8	–	–	8	8	15	–	–	0
Renfrew	060	15	48	c/d	25·6	−05	37	34	6	–	–	8	8	18	4	15	1
Dyce	090	18	56	prs_o	31·6	−01	38	34	8	–	–	8	7	18	5	10	1
Wick	080	12	82	c	33·9	+02	39	29	5	–	–	8	8	36	–	–	1
Lerwick	–	0	82	c	35·5	−08	36	35	5	–	–	7	7	30	–	–	1
Blacksod Point	040	28	61	fo/c	15·9	−20	40	36	7	–	–	8	8	11	–	–	1
Malin Head	090	40	58	c	21·9	−05	41	32	2	–	–	7	4	21	–	–	1
Aldergrove	080	28	66	c	19·5	+01	39	32	5	–	–	8	8	49	2	12	1
Castle Archdale	090	24	66	rs_o	17·8	−07	39	31	5	–	–	8	7	26	2	20	1
Birr Castle	080	12	58	c/s	13·2	−04	34	31	6	–	–	8	8	17	5	10	1
Collinstown	100	24	24	rs_o	15·1	+02	34	32	6	–	–	8	8	08	3	05	1
Rineanna	060	18	69	c	12·4	−09	34	32	5	–	–	8	8	45	1	10	1
Valentia	040	11	69	c/pr	10·0	−14	36	32	8	–	–	7	7	19	–	–	1
Midleton	030	22	16	prs	08·0	−11	34	33	3	–	–	7	7	17	3	13	1

OBSERVATIONS during DAY

Stations	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	cssmf	ossf com	34	0·0	9
London Airport	ossf mossf	ossf cmcf	33	*	10
Tangmere	$os_o s_o m$	$cis_o m_o cm_o x$	33	0·0	Tr
Bournemouth (Hurn	$cs_o s_o m_o cm_o$	$cm_o cm_o x$	34	*	0·6
Boscombe Down	$cs_o s_o k s_o m_o$	$cks_o m_o cks m_o$	31	0·0	0·1
Felixstowe	$cm_o q o r_o s m_o$	$or_o s m_o o s_o o m$	36	0·0	3
Gorleston	oom q	$om_o q o r s m_o$	38	0·0	0·2
West Raynham	c	$ccs s_o s_o m_o n$	35	0·0	1
Mildenhall	$cz_o s_o s_o n$	cssf	35	0·0	5
Cranfield	cm_o ossf	ossf cn	33	0·0	2
Elmdon	cossm	ossf om_o	33	0·0	9
Cottesmore	cis_o mssf	$s_o s_o f s s f$	33	0·0	6
Watnall	$cci s_o cm_o$	$csh m_o css f z_o s f$	34	0·0	11
Ross-on-Wye	$ss o m_o$	$om_o cbc n cm_o$	32	0·0	6
Shawbury	$or_o s s s m f$	$os m s_o s_o f m_o o$	35	0·0	7
Bristol	ossc	c	32	0·0	5
Plymouth	$cis a p s f o m_o$	cp Hr ilh ct m_o	43	0·5	11
Chivenor	$cm_o cish m_o cm_o$	$prs_o m_o p r_o m_o$	38	0·4	1
St. Eval	$cssm cis_o n_o s s f s s m_o$	$bcm_o c c t r_o s_o c p r s m_o$	36	0·3	15
Culdrose	$t s o s c o s i s_o i s i s_o$	$cis_o s c t s t$	38	0·0	8
Scilly, St. Mary's	cbccprs	cprssse	41	2·8	6
Guernsey	c	cbcb	41	0·3	-
Aberporth	$cs_o s_o h_o c$	cxbx	35	0·0	0·1
Pembroke Dock	$os_o s_o m cis_o m_o$	$cis_o m_o cm_o$	35	0·0	0·4
Holyhead (Valley)	$ccr_o s_o m$	$cr_o s_o n cm_o$	32	0·0	0·1
Manchester	$cid_o s cg$	cg cgsm	36	0·0	2
Squires Gate	$cir_o cz_o$	cz_o	38	0·0	Tr
Silloth	cprsc	c	38	0·0	0·3
Lindholme	ccm o	$cm_o c$	37	0·0	-
Spurn Head	o	o	38	0·0	-
Dishforth	cprssc	c	38	0·0	0·1
Tynemouth	$cor_o h_o q$	$cor_o h_o q$	41	0·0	3
Leuchars	$cpr_o cc pr_o$	$card_o$	40	0·0	1
Eskdalemuir	cps_o	$cps_o r m_o c$	34	0·0	1
Prestwick	$cr_o s_o ir_o$	c	35	0·9	Tr
West Freugh	c	c	35	0·0	-
Ronaldsway	ccg	$cgr_o s g$	41	0·0	Tr
Tiree	cvy	$cv b q$	40	0·0	-
Benbecula	bbc	beb	40	3·5	-
Stornoway	bc	bc	40	3·1	-
Cape Wrath	bcy	c	39	*	-
Sule Skerry			41	*	-
Renfrew	cir_o	$cir_o z_o$	38	0·1	1
Dyce	$cc pr h_o$	$cpr_o prs_o c$	39	0·0	1
Wick	$ps_o c$	c	40	0·0	Tr
Lerwick	$bcc pr_o$	$cpr_o c$	39	1·9	Tr
Blacksod Point	p	r	41	0·0	0·6
Malin Head	c	c	42	0·0	Tr
Aldergrove	c	$ccr_o s_o$	39	0·0	Tr
Castle Archdale	$cis_o cr_o s_o$	$cr_o s_o$	39	0·0	0·5
Birr Castle	r	s	37	0·0	5
Collinstown	s	s	40	0·0	10
Rineanna	s	s	39	0·0	2
Valentia	p	p	39	0·0	0·5
Midleton	s	s	38	0·0	3

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52° 24′	20° 12′	1029	−02	080	32	pr	c	50	52	37	97	8	–	–	6	7	11
WEATHER OBSERVER	59° 12′	19° 6′	1034	00	100	17	c/pr	p	46	48	39	98	2	–	–	6	6	5
CUMULUS	65° 48′	02° 12′ E	1034	−06	310	22	jp	p	39	45	37	97	9	–	–	5	7	6½
CIRRUS	45° 0′	16° 6′	1004	−09	090	30	c/pr	c	50	54	39	60	9	7	–	7	7	17½
WEATHER EXPLORER	62° 6′	33° 6′	1034	+21	110	14	c	c	43	42	41	97	5	–	–	8	8	11
U.S. SHIP "C"	52° 48′	35° 30′	1015	+29	110	28	b	p	48	46	42	69	5	3	–	1	2	11
U.S. SHIP "D"	44° 0′	41° 0′	1008	+08	110	06	c	bc	50	60	36	69	5	–	2	7	8	9½
CITY OF BRISBANE	49° 54′	23° 6′	1015	+03	080	18	bc	p	49	54	42	98	2	–	–	5	5	8
IRISH CEDAR	46° 54′	24° 6′	1006	+20	080	20	c/pr	p	53	57	44	97	3	3	1	5	8	11
CLAN CHISHOLM	41° 0′	09° 36′	1003	−22	130	18	c	c	55	61	51	98	5	–	–	8	8	5

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52° 18′	19° 54′	1018	−08	080	26	bc	p	48	51	37	97	8	–	–	3	5	6½
WEATHER OBSERVER	59° 6′	19° 0′	1033	−06	080	11	bc	b	46	48	33	99	2	–	–	4	4	5
CUMULUS	65° 48′	02° 12′ E	1034	−01	350	20	bc	p	39	42	36	97	9	–	–	3	5	6½
CIRRUS	45° 6′	15° 42′	1002	−02	070	27	c	p	52	53	37	65	8	7	2	4	6	17½
WEATHER EXPLORER	62° 12′	33° 12′	1036	+09	090	14	c	c	42	41	42	96	5	3	–	8	8	6½
U.S. SHIP "C"	52° 48′	35° 30′	1018	+19	090	23	b	b	46	45	44	69	–	–	1	1	1	11
U.S. SHIP "D"	44° 0′	41° 0′	1003	−27	110	23	c	c	54	60	45	65	5	1	–	8	8	–
SAMARIA	50° 6′	26° 0′	1015	+20	080	28	b	b	51	52	42	82	–	–	–	–	0	–
IRISH CEDAR	46° 24′	25° 48′	1009	+20	090	18	jp	p	52	55	46	97	3	3	–	6	8	8
BEAVERFORD	50° 48′	12° 48′	1008	−20	050	18	c	c	43	54	38	98	8	–	–	8	8	–

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100s of feet; 56–80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Tuesday 4th January,

1955

All times are G.M.T.

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ◔ Sky $\frac{1}{8}$ covered ◔ Sky $\frac{2}{8}$ covered ◔ Sky $\frac{3}{8}$ covered ◑ Sky $\frac{4}{8}$ covered ◑ Sky $\frac{5}{8}$ covered ◕ Sky $\frac{6}{8}$ covered ◕ Sky $\frac{7}{8}$ covered ● Sky covered ⊗ Sky obscured

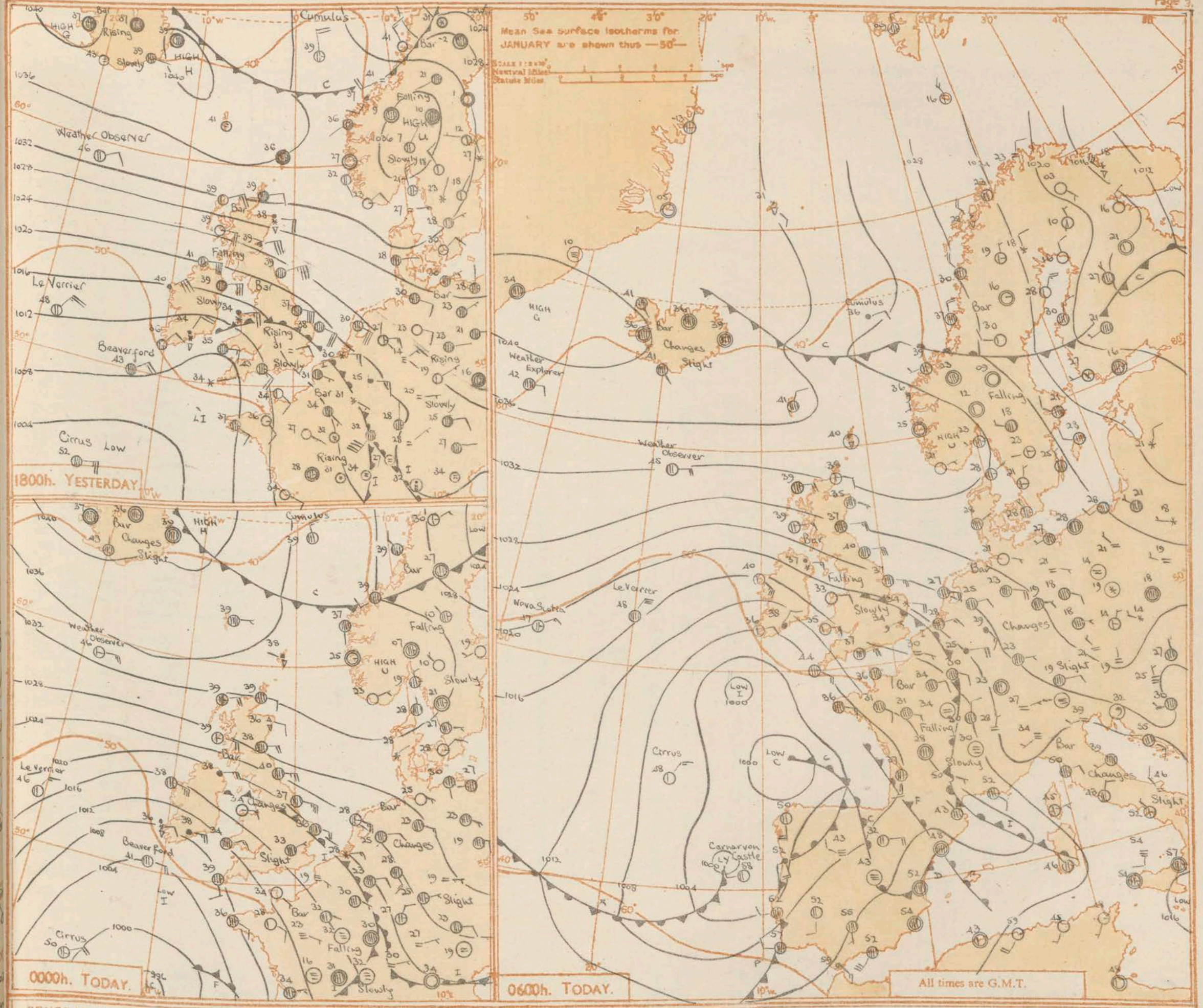
WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder ≡ Fog = Mist

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.



GENERAL SYNOPTIC DEVELOPMENT :-

A depression is expected to persist to the Southwest of England with easterly winds covering most of the British Isles.

Issued at Mid-day to-day Wednesday 5th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Most districts will have cold cloudy weather. There will be occasional rain or snow here and there but later in the night and during tomorrow morning more general rain may spread to Southern districts of England and Wales from the continent. The rain may be preceded by sleet or snow in places.

OUTLOOK FOR the following 24 hours :-

Rain or sleet at times in places. A slow rise of temperature seems likely in most districts.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 5th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0-8	Cloud: Main layer Amt. 0-8	Cloud: Main layer † Ht.	Cloud: Lowest layer Amt. 0-8	Cloud: Lowest layer † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	34	*	*	*	*	*	*	*	*	*
London Airport	82	050	03	12	o/f	17·8	00	33	31	6	-	-	8	8	06	-	-
Tangmere ...	53	040	09	37	c	16·8	+04	33	30	5	-	-	7	7	35	-	-
Bournemouth (Hurn	34	080	09	58	c	15·9	+06	33	31	5	-	-	7	7	25	-	-
Boscombe Down	414	100	12	37	ks	17·4	+04	30	29	6	-	-	8	7	35	4	05
Felixstowe ...	10	120	12	48	c/d	19·9	+05	35	34	5	-	-	8	8	28	-	-
Gorleston ...	5	110	22	62	c/ps	20·9	00	36	30	5	-	-	8	8	21	-	-
West Raynham	250	090	11	58	o/s	20·6	-02	32	31	6	-	-	8	8	10	-	-
Mildenhall ...	15	080	08	40	o/s	19·7	+01	33	32	6	-	-	8	8	08	-	-
Cranfield ...	340	080	13	17	o	18·9	+06	32	31	6	-	-	8	8	04	-	-
Elmdon ...	324	090	09	56	o	19·1	+05	33	30	6	-	-	8	8	07	-	-
Cottesmore ...	440	070	15	20	so/so	20·6	00	31	31	6	-	-	8	8	09	-	-
Watnall ...	366	080	13	19	c/s	20·6	+02	31	31	6	2	-	8	8	07	6	05
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	100	12	58	o	19·3	+06	33	31	6	-	-	8	8	09	-	-
Bristol	192	090	11	32	c	16·9	+04	32	30	5	-	-	8	8	19	2	10
Plymouth ...	90	140	08	59	c	11·2	+09	43	37	5	-	-	7	7	41	-	-
Chivenor ...	20	090	09	48	rr	12·9	+16	37	35	5	-	-	8	8	18	2	10
St. Eval... ...	336	140	09	74	c/pr	10·2	+11	37	35	2	7	-	7	4	13	2	09
Culdrose ...	260	150	18	68	c	09·2	+13	40	36	5	7	-	8	6	50	2	15
Scilly, St. Mary's	158	170	11	74	c	06·4	+10	39	36	8	-	-	7	7	10	-	-
Guernsey ...	340	160	10	58	b	13·3	+07	39	30	1	-	-	1	1	10	-	-
Aberporth ...	375	100	14	66	c	13·7	+02	34	29	5	3	-	6	1	20	-	-
Pembroke Dock	34	080	14	55	o/s	12·8	+09	34	33	6	-	-	8	8	06	-	-
Holyhead (Valley)	32	080	13	61	b	16·5	+02	34	30	5	-	-	1	1	25	-	-
Manchester ...	248	090	09	23	so/so	20·0	+05	34	31	6	-	-	8	8	14	-	-
Squires Gate ...	33	100	25	58	iso	20·3	+01	36	31	5	-	-	8	8	19	-	-
Silloth	25	080	16	56	c/rs	23·3	+02	38	34	5	-	-	8	8	25	-	-
Lindholme ...	21	090	13	57	iso	22·2	+04	35	31	5	-	-	8	8	23	-	-
Spurn Head ...	29	110	35	58	o	21·4	00	37	34	7	-	-	8	8	15	-	-
Dishforth ...	105	100	16	63	c	23·6	-01	36	30	5	-	-	8	8	30	2	-
Tynemouth ...	108	090	25	61	c	25·5	00	40	34	5	-	-	8	8	30	-	-
Leuchars ...	36	080	21	66	c	28·7	-04	38	33	5	-	2	8	6	45	2	25
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	070	24	70	c	24·4	-02	37	31	5	-	-	7	7	56	2	30
West Freugh ...	50	080	26	66	c	21·4	-04	38	35	5	2	-	8	7	25	-	-
Ronaldsway ...	55	090	33	37	r(d)s	19·9	+10	36	36	6	-	-	8	8	08	-	-
Tiree	29	100	21	87	bc	26·6	-01	39	27	5	-	-	3	3	28	-	-
Benbecula ...	18	080	19	87	b	28·6	+02	37	30	5	-	-	1	1	40	-	-
Stornoway ...	10	080	22	82	c	31·9	00	39	29	5	-	-	7	7	25	-	-
Cape Wrath ...	367	090	24	83	bc	31·5	-03	37	25	5	-	-	5	5	30	-	-
Sule Skerry ...	43	090	09	82	c	33·5	-06	41	32	8	-	-	8	8	15	-	-
Renfrew ...	28	060	15	58	bc	26·4	-01	36	33	6	3	-	5	4	40	2	15
Dyce	185	100	12	32	ph	31·7	-03	36	33	3	-	-	8	7	25	5	10
Wick	119	100	11	82	c	33·5	-01	35	27	5	-	-	8	8	41	-	-
Lerwick ...	269	300	01	81	pro	34·3	-09	38	37	8	-	-	7	7	30	4	22
Blacksod Point	18	120	33	62	c/r	16·4	+06	38	35	7	-	-	7	7	56	2	14
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	080	23	63	iro	19·3	-05	38	34	5	-	-	8	8	20	2	15
Castle Archdale	225	100	16	63	roro	18·2	+01	36	34	5	2	-	8	8	40	5	15
Birr Castle ...	231	070	09	71	b	13·7	00	34	31	5	-	-	2	2	45	-	-
Collinstown ...	226	100	20	66	c	16·4	-01	37	30	5	-	-	7	7	20	-	-
Rineanna ...	10	070	20	66	c	12·1	-03	36	31	5	-	-	6	6	40	-	-
Valentia ...	30	070	11	75	pro/so	08·8	-04	36	32	3	3	-	7	6	18	-	-
Midleton ...	30	090	23	58	ir	07·6	-08	38	36	7	-	-	8	8	16	-	-

06h. OBSERVATIONS at 06h. G.M.T. 5th January 1955

Stations	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0-8	Cloud: Main layer Amt. 0-8	Cloud: Main layer † Ht.	Cloud: Lowest layer Amt. 0-8	Cloud: Lowest layer † Ht.	09 h. State of ground †
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	050	08	20	iso	17·7	-11	34	33	6	-	-	8	8	10	-	-	6
London Airport	050	06	19	ido	17·6	-10	34	33	6	-	-	8	8	05	-	-	9
Tangmere ...	040	11	17	c	16·4	-12	33	33	6	-	-	8	8	07	5	03	6
Bournemouth (Hurn	060	07	58	c	16·1	-09	34	29	5	-	-	8	8	25	-	-	6
Boscombe Down	090	08	40	c	17·7	-05	33	32	5	-	-	8	8	35	-	-	7
Felixstowe ...	110	12	48	c	19·6	+03	36	33	5	-	-	8	8	28	-	-	5
Gorleston ...	100	20	19	ss	21·1	-04	34	34	-	2	-	8	8	20	-	-	1
West Raynham	090	13	56	iso	20·7	-04	32	30	5	-	-	8	8	14	-	-	7
Mildenhall ...	100	12	32	roso	19·5	-07	33	31	6	-	-	8	8	08	5	05	7
Cranfield ...	060	14	04	RR	18·8	-10	31	31	6	-	-	8	8	03	-	-	9
Elmdon ...	060	13	56	o	19·3	-10	32	30	6	-	-	8	8	08	-	-	7
Cottesmore ...	060	16	14	so/so	20·6	-03	30	29	-	-	-	9	-	-	-	-	9
Watnall ...	090	09	14	sh	20·8	-05	31	31	-	2	-	8	8	05	-	-	7
Ross-on-Wye ...	060	12	12	o	17·8	-06	32	31	6	-	-	8	8	05	-	-	7
Shawbury ...	080	10	59	o	20·0	-06	32	30	6	-	-	8	8	11	-	-	7
Bristol	070	09	48	o	17·6	-11	33	30	6	-	-	8	8	14	-	-	7
Plymouth ...	110	10	59	c	18·2	+02	40	37	6	-	-	8	8	40	5	10	6
Chivenor ...	120	10	48	b	15·0	+02	34	31	-	-	-	0	-	-	-	-	5
St. Eval... ...	090	16	63	b	12·2	+03	37	35	-	-	-	0	-	-	-	-	5
Culdrose ...	100	16	62	b	11·6	+02	41	33	-	-	-	0	-	-	-	-	6
Scilly, St. Mary's	120	21	66	c	08·1	00	44	34	8	-	-	7	7	10	-	-	1
Guernsey ...	090	16	62	c	12·9	-07	38	30	5	-	-	8	8	56	-	-	2
Aberporth ...	130	17	66	b	15·8	+02	32	29	-	-	-	0	-	-	-	-	3
Pembroke Dock	090	15	62	b	15·2	+08	35	30	5	-	-	2	2	25	-	-	5
Holyhead (Valley)	070	12	61	b	17·6	-03	33	29	-	-	-	0	-	-	-	-	3
Manchester ...	080	15	57	c	20·7	+01	34	29	6	-	-	8	8	18	4	13	6
Squires Gate ...	090	14	56	c	20·9	-01	35	30	5	-	-	8	8	22	-	-	1
Silloth	070	11	59	roso	23·8	-04	36	35	5	-	-	8	8	12	-	-	1
Lindholme ...	080	10	63	c	22·4	-07	35	31	5	-	-	8	8	28	-	-	0
Spurn Head ...	110	27	59	c	21·0	-07	37	32	5	-	-	8	8	20	-	-	0
Dishforth ...	070	08	63	c/s	23·5	-01	36	30	5	-	-	8	8	25	-	-	1
Tynemouth ...	090	28	61	c	25·6	-02	40	33	5	-	-	8	8	30	-	-	1
Leuchars ...	090	24	66	c	28·1	-07	37	33	5	-	-	8	8	46	2	20	1
Eskdalemuir ...	080	14	48	so/so	25·5	-05	33	31	6	-	-	8	8	03	-	-	6
Prestwick ...	060	16	70	c	24·8	-03	37	31	5	-	-	8	8	38	-	-	1
West Freugh ...	080	14	56	iro	22·3	-02	36	35	-	2	-	8	8	50	-	-	1
Ronaldsway ...	100	28	80	c	21·1	-01	38	31	5	-	-	8	8	26	-	-	1
Tiree	080	16	87	bc	26·6	-02	39	25	5	-	-	5	5	35	-	-	1
Benbecula ...	090	17	85	b	28·5	-05	38	29	5	-	-	1	1	35	-	-	1
Stornoway ...	080	20	80	c	31·1	-01	39	25	5	-	-	7	7	35	-	-	1
Cape Wrath ...	090	18	83	bc	30·7	+03	38	26	5	-	-	4	4	30	-	-	3
Sule Skerry ...	090	02	82	c	32·3	-08	41	35	8	-	-	8	8	15	-	-	0
Renfrew ...	060	12	60	c	26·1	-04	37	32	5	-	-	8	8	56	-	-	1
Dyce	100	06	64	c/ps	30·6	-10	35	33	8	-	-	8	8	35	5	15	1
Wick	100	09	82	bc	32·1	-10	38	27	5	-	-	3	3	44	-	-	1
Lerwick ...	-	0	74	pro	32·7	-09	40	39	8	-	-	7	7	37	4	18	1
Blacksod Point	120	37	71	jp	15·1	-12	40	35	9	-	-	2	2	15	-	-	0
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	090	16	56	roso	21·0	+02	37	32	5	-	-	8	8	30	2	25	1
Castle Archdale	030	16	66	c/d	19·0	-08	37	32	6	-	-	8	7	25	3	15	1
Birr Castle ...	080	13	59	roso	15·0	+04	36	32	6	-	-	8	8	33	4	15	1
Collinstown ...	100	17	66	iro	18·0	+07	37	31	6	-	-	8	8	28	7	17	1
Rineanna ...	080	23	48	roso	12·9	+04	37	35	7	-	-	8	8	20	-	-	1
Valentia ...	060	11	78	b	08·8	+03	36	31	3	-	-	2	2	19	-	-	5
Midleton ...	030	09	59	roro	09·9	+04	38	37	7	-	-	8	8	12	-	-	2

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.-09h. (40)	Temperature 21h.-09h.: Min. °F. (41)	Temperature 21h.-09h.: Min. on Grass °F. (42)	Rain 21h.-09h. mm. (43)
Kew	Om	Oso so roso f	33	31	TR
London Airport	cfmido	cdadamf	32	32	TR
Tangmere ...	cmx	cmododomo	32	28	0·4
Bournemouth (Hurn	cmox	cmox	30	29	-3
Boscombe Down	cksmobc	emorosom	29	26	TR
Felixstowe ...	Oroso mo cmo	cmo	34	33	1
Gorleston ...	oroso Opso	Ososomoidmo	33	33	1
West Raynham	csosomcmo	cisomo	31	31	1
Mildenhall ...	cismoiro	ciroso Omo	32	32	0·3
Cranfield ...	cmidom	cdoisof	31	30	0·1
Elmdon ...	cmo	cmo	31	30	-
Cottesmore ...	ssf	sosomdo	29	28	4
Watnall ...	cisomcmo	ccisom	31	31	5
Ross-on-Wye ...	cmobcmoOso	cmo Omo	29	26	1
Shawbury ...	omo	omo	32	31	-
Bristol	c	cidoc	33	28	TR
Plymouth ...	clmocmob	bbbb-cmo	35	33	0·1
Chivenor ...	cpromoRRbmo	bmocmo	34	30	11
St. Eval... ...	cRRmlpro	cbxcmo	35	26	11
Culdrose ...	cprhiro	bcprhbbciro	33	30	5
Scilly, St. Mary's	c	cph	35	*	3
Guernsey ...	b	bbcc	34	31	-
Aberporth ...	bxc	b c	32	25	-
Pembroke Dock	cisosomisoromoc	clobczo	34	30	3
Holyhead (Valley)	cmobx	bxbcmox	32	28	-
Manchester ...	cssmosscm	cmc	32	32	1
Squires Gate ...	cisomoiroso c	cmoczo	35	34	TR
Silloth	ccirosmo	ciro somocmo	36	34	TR
Lindholme ...	ccsosomo	cmoc	33	31	TR
Spurn Head ...	c	c	36	*	-
Dishforth ...	ccciso	csosoc	35	33	0·2
Tynemouth ...	cprosoq	cprosoq	39	35	0·2
Leuchars ...	cdocpro	cprosopro	35	33	1
Eskdalemuir ...	ccsosomoc	ccsosomoc	31	27	0·1
Prestwick ...	c	c	36	34	-
West Freugh ...	c	ciroci ros	36	35	TR
Ronaldsway ...	crosoqisoc	c	36	35	3
Tiree	bc	bqc	38	33	-
Benbecula ...	b	bbcc	36	33	-
Stornoway ...	bcc	cbc	38	34	-
Cape Wrath ...	c	c	36	32	-
Sule Skerry ...	*	*	39	35	-
Renfrew ...	ciroc	cmo	36	34	TR
Dyce	cprhsc	cprsc	34	32	3
Wick	cy	cybc	37	33	-
Lerwick ...	ccciro	cpro	37	33	2
Blacksod Point	r	bc	36	35	1
Malin Head ...	*	*	38	*	2
Aldergrove ...	cisoiroromo	croromociros	35	34	5
Castle Archdale	crocroc	ciroc	35	31	1
Birr Castle ...	r	s	33	31	0·4
Collinstown ...	s	r	36	32	1
Rineanna ...	bc	p	35	33	0·5
Valentia ...	p	s	33	31	6
Midleton ...	thr	tlr	34	32	13

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F.	Temp.: Sea °F.	Temp.: Dew Point °F.	Visibility †	Cloud: Form: Low †	Cloud: Form: Med. †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 48′	1033	-09	080	23	bc	p	46	48	35	38	3	-	-	3	3	5
LE VERRIER	52° 24′	20° 18′	1019	+02	030	16	bc	p	46	48	39	97	8	-	-	4	4	6½
WEATHER EXPLORER	62° 12′	33° 24′	1038	+07	090	07	c	c	42	41	41	97	6	3	-	1	8	6½
U.S. SHIP 'C'	52° 48′	35° 30′	1022	+19	090	20	b	b	47	45	43	69	-	-	-	-	0	6½
U.S. SHIP 'D'	44° 0′	41° 0′	1000	-42	110	42	pro	p	56	62	53	63	5	-	-	8	8	11
CIRRUS	45° 0′	16° 0′	1005	+04	040	22	bc/pr	c	50	51	39	65	8	-	-	5	5	16
CUMULUS	65° 36′	02° 00′ E	1034	00	340	14	c	p	39	42	34	97	9	6	-	5	6	5
SCYTHIA	50° 6′	27° 30′	1019	+05	080	18	b	b	49	52	40	38	1	-	-	1	1	-
BEAVERFORD	50° 6′	10° 48′	1003	-20	090	18	c/ps	s	41	54	39	38	-	1	-	-	6	-
NOVA SCOTIA	51° 42′	24° 30′	1019	+20	050	18	bc	bc	47	57	43	99	8	-	-	4	4	-

06h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	58° 48′	18° 48′	1031	-03	090	22	c/pr	p	45	48	37	98	3	-	-	6	6	5
LE VERRIER	52° 36′	20° 0′	1016	+12	030	32	c	p	48	49	41	97	8	-	-	8	8	6½
CIRRUS	45° 6′	15° 48′	1007	+10	020	16	b	b	48	51	41	70	2	-	-	2	2	9½
CUMULUS	65° 54′	02° 0′	1033	-11	060	08	roro	p	36	40	36	97	7	2	-	6	8	3
WEATHER EXPLORER	62° 18′	33° 18′	1038	+04	080	09	c	c	42	41	41	97	-	3	-	-	8	6½
U.S. SHIP 'C'	52° 48′	35° 30′	1024	+10	090	20	c	bc	47	45	43	69	-	5	-	-	6	6½
U.S. SHIP 'D'	44° 0′	41° 0′	993	-37	110	48	roro	r	56	60	55	56	-	2	-	-	8	16
NOVA SCOTIA	51° 30′	27° 6′	1021	+04	040	15	bc	bc	47	56	43	99	3	4	1	2	5	8
MEDIA	48° 6′	38° 54′	1013	+30	100	18	bc/pc	bc	53	57	51	98	-	4	-	-	3	-
CARNARVON CASTLE	40° 12′	10° 48′	1001	-20	250	18	1	bc	58	60	48	99	6	-	-	4	4	3

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*Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34013.

Date of Issue... Thursday 6th January, 1955

OBSERVATIONS at 12h. G.M.T. 5th January, 1955.

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	060	07	09	rs$_o$	17·2	-10	35	34	6	-	-	8	8	07	-	-
London Airport	060	09	10	o|d	17·5	-07	35	33	6	-	-	8	8	04	-	-
Tangmere	040	13	23	o	16·1	-09	35	32	6	-	-	8	8	07	-	-
Bournemouth (Hurn	060	13	32	c	14·4	-20	35	31	7	-	-	8	8	08	3	05
Boscombe Down	100	10	15	dod$_o$	17·3	-07	33	33	6	-	-	8	8	02	-	-
Felixstowe	090	18	48	o	18·9	-06	36	33	6	-	-	8	8	07	-	-
Gorleston	100	15	28	prs$_o$	21·0	-04	35	33	7	-	-	8	8	12	-	-
West Raynham	070	11	28	s$_o$s$_o$	20·2	-06	33	31	6	-	-	8	8	06	4	04
Mildenhall	080	12	48	c|s	19·4	-09	33	32	6	-	-	7	7	20	3	10
Cranfield	070	15	06	RR	18·6	-09	31	31	6	-	-	8	8	03	-	-
Elmdon	080	11	32	o	19·0	-10	32	31	6	-	-	8	8	03	-	-
Cottesmore	060	13	09	rs$_o$	20·7	+12	33	31	-	-	-	9	-	-	-	-
Watnall	080	08	14	s$_o$s$_o$	20·8	-07	32	31	-	2	-	8	8	07	-	-
Ross-on-Wye	070	08	12	o	17·6	-10	32	30	6	-	-	8	8	06	-	-
Shawbury	110	09	48	o	19·9	-07	33	31	6	-	-	8	8	05	-	-
Bristol	060	13	26	-s$_o$	16·6	-17	38	32	6	-	-	8	8	10	6	05
Plymouth	080	14	40	c	12·0	-16	37	33	6	2	-	8	5	12	-	-
Chivenor	060	17	48	c	14·3	-19	36	32	6	7	-	7	6	10	-	-
St. Eval	060	16	56	c	12·1	-11	35	31	5	1	-	8	2	20	-	-
Culdrose	080	28	56	c	10·7	-15	38	36	6	-	-	8	8	18	5	12
Scilly, St. Mary's	080	25	94	c	07·8	-11	44	04	8	-	-	7	7	10	-	-
Guernsey	080	18	56	c	11·4	-17	38	35	6	-	-	7	6	30	4	07
Aberporth	090	12	58	c	16·6	-10	35	27	5	7	2	7	5	15	-	-
Pembroke Dock	070	12	55	c	15·8	-08	35	31	5	-	7	8	4	18	-	-
Holyhead (Valley)	060	15	59	c	18·7	+01	36	31	5	7	2	7	4	11	-	-
Manchester	080	22	57	c	20·5	-07	36	27	5	-	-	7	7	20	2	15
Squires Gate	090	20	56	c	21·4	-06	37	32	5	-	-	8	8	22	-	-
Silloth	070	19	66	c	24·1	-02	37	34	5	7	6	7	3	30	1	06
Lindholme	080	14	61	c	22·2	-05	36	30	5	-	-	8	8	25	2	18
Spurn Head	090	27	58	pRz	22·0	+01	37	34	3	-	-	8	8	15	-	-
Dishforth	070	12	69	c	23·1	-07	37	30	5	-	-	8	8	30	5	25
Tynemouth	080	24	61	c	26·2	+00	37	33	5	-	-	7	7	30	-	-
Leuchars	060	20	70	c	28·2	-05	39	31	8	-	-	8	8	35	3	20
Eskdalemuir	080	10	66	c	26·2	+00	33	30	6	-	-	7	7	07	-	-
Prestwick	050	13	82	c	25·4	-01	38	29	5	-	-	7	7	30	1	15
West Freugh	070	16	68	c	22·8	-05	38	33	5	7	-	7	4	35	1	18
Ronaldsway	090	28	66	c	21·2	-04	40	33	5	-	-	8	8	18	-	-
Tiree	070	14	89	c	27·2	-03	41	28	6	-	-	7	7	30	8	18
Benbecula	090	14	87	c	28·8	-03	38	30	5	-	1	6	5	30	-	-
Stornoway	080	19	82	b	31·1	-07	39	26	5	-	-	2	2	25	-	-
Cape Wrath	090	18	88	bc	31·5	+00	38	26	5	-	-	5	5	30	-	-
Sule Skerry	140	02	82	c	32·3	-02	41	36	8	-	-	8	8	15	-	-
Renfrew	070	15	28	c	26·8	+00	38	31	5	-	-	7	7	40	2	28
Dyce	080	10	32	prs$_o$	30·4	-06	36	33	8	-	-	8	8	35	2	08
Wick	110	09	89	c	31·7	-11	40	38	8	-	-	7	7	35	2	20
Lerwick	030	05	66	dP	32·7	-02	41	41	6	-	-	7	7	17	3	03
Blacksod Point	090	37	78	c	19·1	+17	40	34	8	-	-	7	7	35	3	19
Malin Head	090	19	63	r$_o$	23·6	+01	41	35	7	-	-	8	8	21	-	-
Aldergrove	100	13	50	r$_o$r$_o$	22·2	+02	37	34	6	-	-	8	8	25	5	12
Castle Archdale	110	12	74	c	21·3	+02	38	30	5	-	-	8	8	33	-	-
Birr Castle	080	08	69	c	17·7	+02	38	30	6	6	2	7	6	32	4	19
Collinstown	100	17	67	c	19·3	-06	37	31	6	-	-	8	8	30	3	17
Rineanna	090	19	64	c	16·6	+16	39	34	5	-	-	8	8	22	3	18
Valentia	120	26	62	pr$_o$	11·8	+12	43	37	8	-	-	7	6	22	-	-
Midleton	110	18	62	c|pr	14·3	+13	40	35	3	-	-	8	8	19	-	-

OBSERVATIONS at 18h. G.M.T. 5th January, 1955.

STATIONS (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	070	12	11	rs$_o$	15·1	-03	36	33	6	-	-	8	8	08	-	-	6
London Airport	070	10	19	o|d	15·1	-03	35	33	6	-	-	8	8	07	-	-	6
Tangmere	060	13	21	o	14·1	-02	35	33	6	-	-	8	8	08	-	-	6
Bournemouth (Hurn	070	09	28	c	13·3	-02	35	33	6	-	-	8	8	05	-	-	5
Boscombe Down	090	12	09	of-	15·4	-04	33	33	6	-	-	8	8	01	-	-	6
Felixstowe	090	15	48	dod$_o$	16·5	-05	38	37	7	-	-	8	8	10	-	-	2
Gorleston	100	17	40	id$_o$	18·6	-11	37	35	6	-	-	8	8	11	-	-	2
West Raynham	070	12	57	is$_o$	18·2	-02	33	32	6	-	-	8	8	08	-	-	5
Mildenhall	080	10	32	o|rs	17·1	-10	34	33	6	-	-	8	8	06	-	-	7
Cranfield	070	14	08	of-	16·4	-05	32	31	6	-	-	8	8	03	-	-	9
Elmdon	070	10	40	o	17·5	-01	33	30	6	-	-	8	8	04	-	-	7
Cottesmore	070	15	14	is$_o$	18·6	-10	32	31	6	-	-	8	8	03	-	-	7
Watnall	060	14	32	o	18·7	-05	32	32	-	2	-	8	8	04	-	-	7
Ross-on-Wye	070	10	14	o	15·9	00	33	30	6	-	-	8	8	05	-	-	7
Shawbury	100	11	48	c	17·9	-03	33	30	5	-	-	8	8	11	-	-	4
Bristol	080	14	14	id$_o$	15·0	-03	33	31	6	-	-	8	8	06	-	-	6
Plymouth	090	24	24	o|d	09·3	-08	38	37	6	-	-	8	8	05	-	-	5
Chivenor	090	14	56	c	12·2	-01	36	33	6	2	-	8	8	50	6	12	1
St. Eval	070	18	32	c	08·7	-10	37	36	6	-	-	8	8	06	2	03	1
Culdrose	090	30	20	fc	08·2	-10	41	41	6	-	-	8	8	07	-	-	1
Scilly, St. Mary's	090	24	48	ir	04·7	-15	48	43	5	-	-	8	8	08	-	-	1
Guernsey	070	16	40	c	09·2	-06	41	37	5	7	-	7	6	36	2	05	1
Aberporth	070	13	48	c	14·4	-07	33	29	5	-	-	8	7	15	-	-	3
Pembroke Dock	060	15	56	c	13·3	-06	35	31	5	-	-	8	8	23	-	-	5
Holyhead (Valley)	060	14	37	c	16·7	-07	35	33	5	7	-	6	2	50	-	-	1
Manchester	070	16	40	c	18·2	-08	35	29	5	-	-	7	7	27	4	19	5
Squires Gate	080	20	50	c	19·0	-06	37	31	5	-	-	7	7	30	-	-	1
Silloth	060	19	66	c	22·1	-04	36	34	5	-	-	7	7	26	-	-	1
Lindholme	070	12	28	rs$_o$	19·9	-06	35	35	6	-	-	8	8	17	-	-	1
Spurn Head	090	25	58	c	19·6	-06	37	34	3	-	-	8	8	15	-	-	1
Dishforth	050	10	66	c	21·1	-06	37	31	5	-	-	8	8	25	-	-	1
Tynemouth	090	22	61	c	23·9	-10	40	31	5	-	-	6	6	34	-	-	1
Leuchars	070	19	66	c|pr	26·6	-07	39	29	8	-	-	8	8	40	4	20	1
Eskdalemuir	070	06	66	c	24·2	-06	32	30	5	-	-	7	7	15	-	-	6
Prestwick	070	20	66	c	23·9	-06	37	28	5	-	-	7	7	45	3	20	0
West Freugh	070	14	74	bc	24·6	-05	38	30	5	3	-	5	1	30	-	-	1
Ronaldsway	080	14	74	c	19·8	-05	39	30	5	-	-	7	7	23	-	-	0
Tiree	090	27	66	c	25·9	-04	39	24	5	-	-	7	7	45	-	-	1
Benbecula	090	12	87	bc	27·6	-04	38	30	5	-	-	5	5	35	-	-	1
Stornoway	090	12	82	bc	29·7	-06	38	28	5	3	-	5	1	30	-	-	1
Cape Wrath	090	09	84	c	29·6	-05	39	34	5	-	-	6	6	30	-	-	0
Sule Skerry	140	02	81	d$_o$d$_o$	30·3	-10	41	36	6	-	-	8	8	10	-	-	1
Renfrew	090	10	28	ir$_o$	25·3	-04	36	33	6	-	-	8	8	43	3	10	1
Dyce	070	08	66	c|s	28·6	-07	37	28	5	-	-	7	7	32	-	-	1
Wick	110	09	84	c	30·0	-06	38	34	5	-	8	7	4	21	-	-	1
Lerwick	050	09	69	o	30·9	-06	39	36	6	-	-	8	8	13	-	-	2
Blacksod Point	080	21	62	c	18·7	+03	41	34	6	-	-	8	8	60	3	15	
Malin Head	090	21	60	c	22·7	-04	41	30	5	-	-	7	7	21	-	-	
Aldergrove	060	21	66	c	20·7	-07	37	30	5	-	-	8	8	29	4	16	1
Castle Archdale	090	15	66	c|d	19·9	-05	37	31	5	-	-	8	7	29	2	23	1
Birr Castle	080	11	66	c	16·0	-08	37	32	6	-	-	8	8	33	5	20	
Collinstown	090	22	56	c	17·6	-04	39	31	6	-	-	8	8	23	5	18	
Rineanna	060	18	66	c	15·8	-08	38	32	5	-	-	8	8	25	-	-	
Valentia	050	11	69	c	13·3	+05	38	31	2	7	-	7	6	25	-	-	
Midleton	080	19	66	c	12·6	-05	38	33	5	-	-	8	8	23	-	-	

OBSERVATIONS during DAY

STATIONS (For heights see p. 4)	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F (36)	Sunshine (37)	Rain 09h.-21h mm. (38)
Kew	ors$_o$fom	omrs$_o$om	37	0·0	0·1
London Airport	od$_o$d$_o$fid$_o$om	cmid$_o$cm	36	*	0·1
Tangmere	cm$_o$s$_o$	cm$_o$r$_o$	35	0·0	0·1
Bournemouth (Hurn	cm$_o$id$_o$m$_o$	em$_o$om$_o$	36	*	TR
Boscombe Down	ors$_o$od$_o$d$_o$f	od$_o$d$_o$foid$_o$f	33	0·0	0·1
Felixstowe	cm$_o$	cs$_o$r$_o$m$_o$ om$_o$	38	0·0	0·1
Gorleston	opr$_o$s$_o$ om$_o$	oid$_o$m$_o$	38	0·0	0·4
West Raynham	ccd$_o$d$_o$s$_o$s$_o$cm$_o$	ccs$_o$s$_o$d$_o$d$_o$cm$_o$	34	0·0	1
Mildenhall	cm$_o$is$_o$o	om$_o$rs$_o$c	35	0·0	0·1
Cranfield	cfs$_o$	ofs$_o$d$_o$s	33	0·0	0·2
Elmdon	oodo	ooi s$_o$	33	0·0	0·4
Cottesmore	d$_o$m s$_o$s$_o$m	s$_o$s$_o$mdof	33	0·0	1
Watnall	oisom$_o$	ors$_o$ism$_o$om$_o$	33	0·0	2
Ross-on-Wye	is$_o$om$_o$	om$_o$	33	0·0	1
Shawbury	om$_o$is$_o$m$_o$	om$_o$id$_o$is$_o$m$_o$	37	0·0	TR
Bristol	ccs$_o$s$_o$	ccd$_o$d$_o$	34	0·0	TR
Plymouth	cm$_o$cid$_o$m$_o$	od$_o$d$_o$m$_o$	38	0·0	TR
Chivenor	cm$_o$	cm$_o$	37	0·0	-
St. Eval	cm$_o$	cm$_o$id$_o$m$_o$	38	0·0	0·3
Culdrose	o	orc	42	0·0	2
Scilly, St. Mary's	c	oir$_o$rro	46	0·0	3
Guernsey	c	c	42	0·1	-
Aberporth	cc$_o$c	cc$_o$m$_o$	35	0·0	-
Pembroke Dock	cc$_o$cm$_o$	cm$_o$	36	0·0	-
Holyhead (Valley)	bcm$_o$xcm$_o$	cm$_o$	36	0·5	-
Manchester	c	c	36	0·0	-
Squires Gate	c$_o$c	c	38	0·0	-
Silloth	cm$_o$c	c	38	0·0	-
Lindholme	c	cis$_o$m$_o$ro s$_o$m$_o$	37	0·0	TR
Spurn Head	oors	orsc	38	0·0	1
Dishforth	c	cc r$_o$	38	0·0	TR
Tynemouth	opr$_o$spr$_o$h	c	40	0·0	TR
Leuchars	opr$_o$	opr$_o$sc	39	0·0	0·1
Eskdalemuir	ccis$_o$	cis$_o$c	33	0·0	TR
Prestwick	c	c	38	0·2	-
West Freugh	ebcc		39	0·1	-
Ronaldsway	c	c	40	0·0	-
Tiree	cct	ccy	41	0·0	-
Benbecula	c	ebc	39	0·0	-
Stornoway	bcbbc	bc	40	0·9	-
Cape Wrath	bc	c	40	*	-
Sule Skerry			43	*	0·1
Renfrew	cm$_o$	cz$_o$ir$_o$c	38	0·0	TR
Dyce	cprh prs$_o$c	cis$_o$c	37	0·0	1
Wick	c	cr	40	0·0	1
Lerwick	cid$_o$cprs$_o$o	ceid$_o$c	41	0·4	2
Malin Head	c	c	41	2·9	-
Aldergrove	r	c	41	0·0	0·1
Castle Archdale	cir$_o$s$_o$r$_o$	cm$_o$c	37	0·0	1
Birr Castle	ceir$_o$	cd$_o$d$_o$c	38	0·0	TR
Collinstown	s	c	38	0·5	0·1
Rineanna	c	c	39	0·0	TR
Valentia	s	c	40	0·0	0·2
Midleton	p	p	44	1·0	3
	+ir	c	43	0·0	13

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 36′	1031	-01	090	23	c|pr	p	46	48	36	98	3	6	-	4	7	6½
LE VERRIER	52° 24′	19° 48′	1017	+03	020	34	c	p	50	51	41	97	8	-	-	5	6	11
CIRRUS	44° 54′	16° 6′	1010	+09	330	18	bc	p	50	52	39	70	9	6	-	2	3	9½
CUMULUS	65° 54′	01° 18′E	1032	00	070	12	ir$_o$	d	36	41	34	96	7	2	-	8	8	3
WEATHER EXPLORER	62° 12′	33° 6′	1039	+05	090	06	c	c	42	41	41	97	5	3	-	3	7	6½
U.S. SHIP "C"	52° 48′	35° 30′	1025	+02	070	27	b	b	45	45	41	69	-	3	-	-	0	8
U.S. SHIP "D"	44° 0′	41° 0′	993	+14	140	22	bc	bc	61	60	57	63	3	-	2	4	4	21
REGENT ROYAL	42° 12′	21° 36′	1018	+08	120	03	c	c	56	60	48	98	9	7	9	6	8	1½
NOVA SCOTIA	51° 24′	29° 36′	1023	+04	040	12	bc	bc	47	55	43	99	3	7	-	4	5	6½
SAMANCO	48° 36′	11° 12′	1006	00	160	09	b	b	48	54	36	99	1	-	-	2	2	8

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	59° 6′	18° 48′	1031	+01	080	17	dP	p	46	48	38	98	8	-	-	3	5	9½
LE VERRIER	52° 30′	19° 36′	1015	+08	c20	28	c	p	48	49	41	97	3	-	2	3	7	14
CIRRUS	45° 6′	16° 12′	1009	+08	290	22	bc|pr	bc	52	53	41	75	9	6	-	3	5	11
CUMULUS	65° 54′	01° 42′E	1029	-17	110	16	rs$_o$	r	36	41	36	96	7	2	-	8	8	3
WEATHER EXPLORER	62° 12′	33° 12′	1038	-08	070	07	c	c	41	41	41	97	1	3	-	7	7	6½
U.S. SHIP "C"	52° 48′	35° 30′	1023	-03	050	18	b	b	44	45	38	69	2	3	-	2	2	8
U.S. SHIP "D"	44° 0′	41° 0′	993	-00	140	14	c	bc	62	61	58	63	-	1	8	6	6	17½
CLAN CHISHOLM	46° 48′	06° 42′	1003	+14	300	13	c|pr	c	51	56	40	98	8	-	-	7	7	5
NOVA SCOTIA	51° 18′	32° 12′	1020	-01	100	20	c	bc	49	57	42	99	-	6	1	-	6	6½
REGENT HAWK	46° 36′	09° 54′	1004	+08	320	13	bc	bc	48	54	34	98	1	4	-	2	3	3

† CLOUD AMOUNT in eighths (9= sky obscured). CLOUD HEIGHT 01-50 in 100s of feet: 56-80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

*Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Wednesday 5th January,

1955

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 represents 10 Kt and a short feather 5Kt. A solid pannant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky $\frac{1}{8}$ covered ◔ Sky $\frac{2}{8}$ covered ◑ Sky $\frac{3}{8}$ covered ◑ Sky $\frac{4}{8}$ covered ◑ Sky $\frac{5}{8}$ covered ◕ Sky $\frac{6}{8}$ covered ◕ Sky $\frac{7}{8}$ covered ● Sky $\frac{8}{8}$ covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog = Mist

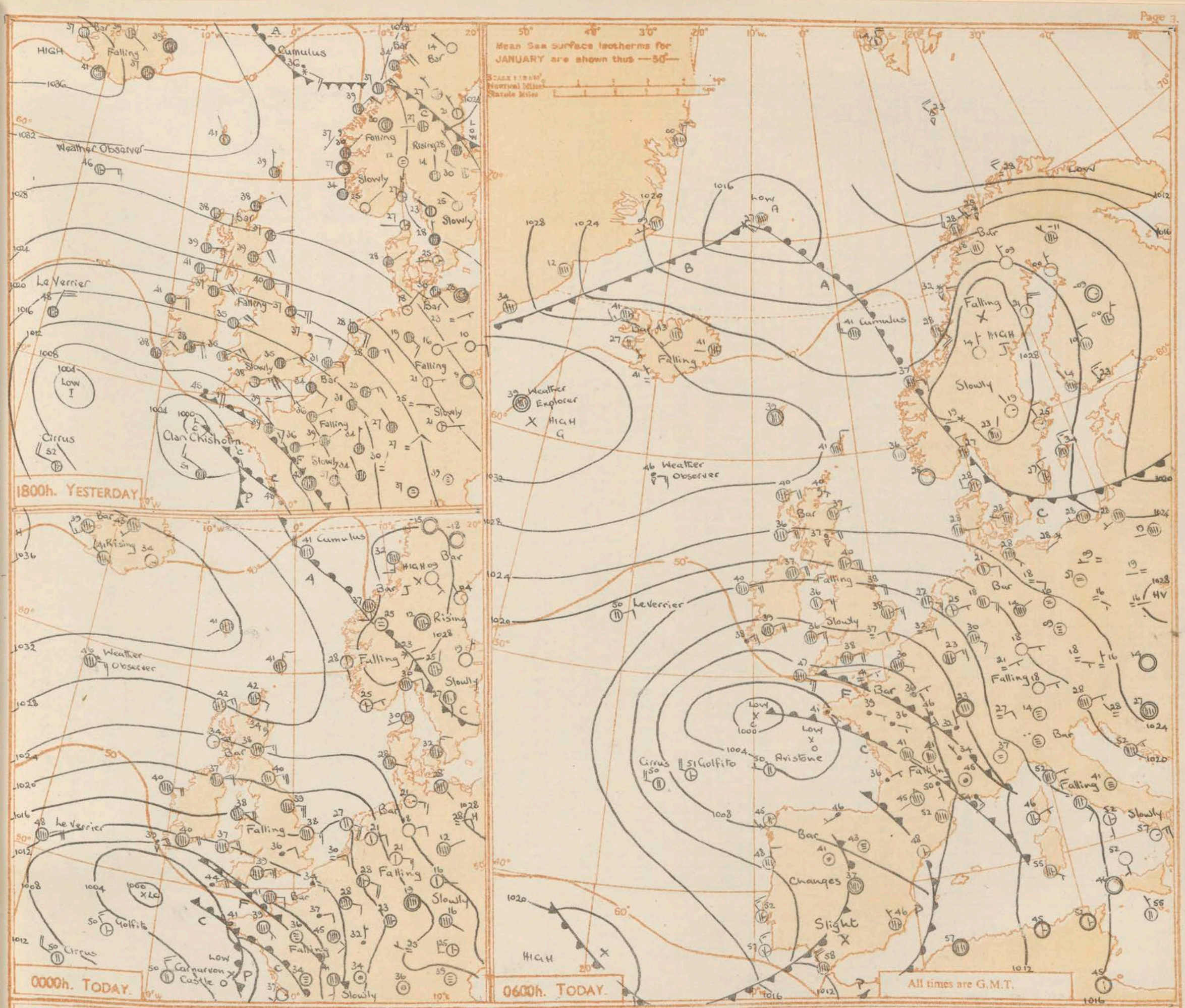
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.



GENERAL SYNOPTIC DEVELOPMENT :-

Issued at mid-day ... to-day Thursday 6th January, 1955

A depression still persists to the southwest of England with easterly winds over the British Isles.

This depression is expected to move eastwards into France and fill up during the next 24 hours

FORECAST FOR BRITISH ISLES until noon tomorrow :-

All southern districts of England and Wales will have dull weather during the next 24 hours. There will be periods of rain today but the rain will become slight and intermittent later.

Elsewhere in the British Isles it will be mainly cloudy with a little rain here and there, but in Scotland there may be long clear periods tonight with some fog patches developing by dawn tomorrow.

The slow thaw will continue in England and Wales but air frost may occur in places in Scotland tonight.

OUTLOOK FOR the following 24 hours is .....

Probably continuing cloudy and rather cold over England and Wales. Rain at times in Scotland.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 6th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	Cloud: Form: † Medium	Cloud: Form: † High	Cloud: Total amount 0-8	Cloud: Main layer: Amt. 0-8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0-8	Cloud: Lowest layer: † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	37	*	*	*	*	*	*	*	*	*
London Airport	82	080	07	24	o	13·7	-10	37	34	6	-	-	8	8	07	-	-
Tangmere ...	53	060	09	21	o/r	12·8	-10	35	33	6	-	-	8	8	07	-	-
Bournemouth(Hurn	34	070	10	48	o	11·8	-12	36	33	6	-	-	8	8	06	-	-
Boscombe Down	414	090	08	04	f	13·8	-11	34	34	-	-	-	9	-	-	-	-
Felixstowe ...	10	090	18	56	o	14·9	-14	38	36	6	-	-	8	8	20	-	-
Gorleston ...	5	080	16	48	c	16·7	-18	38	34	-	7	-	7	7	56	-	-
West Raynham	250	060	15	58	c	15·9	-20	36	34	6	-	-	8	8	15	-	-
Mildenhall ...	15	100	08	28	o	15·4	+12	35	34	6	-	-	8	8	18	2	08
Cranfield ...	340	060	17	08	of-	14·5	-15	33	32	6	-	-	8	8	06	-	-
Elmdon ...	324	060	10	23	id$_o$	15·7	-14	33	33	6	-	-	8	8	03	-	-
Cottesmore ...	440	070	15	28	o	17·2	-09	33	33	6	-	-	8	8	04	-	-
Watnall ...	366	340	16	48	o/r	17·4	-10	33	32	6	-	-	8	8	18	8	12
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	080	10	57	o	16·4	-11	34	32	6	-	-	8	8	08	-	-
Bristol	192	060	11	15	o/d	18·6	-10	33	33	6	-	-	8	8	03	-	-
Plymouth ...	90	100	20	20	ir$_o$	08·6	-09	37	36	6	-	-	8	8	04	-	-
Chivenor ...	20	080	08	56	c	11·1	-09	36	33	6	-	-	7	7	10	-	-
St. Eval... ...	336	100	21	40	c	07·3	-14	37	35	6	3	-	7	3	12	-	-
Culdrose ...	260	090	30	20	8m	08·4	00	42	42	6	-	-	8	8	10	-	-
Scilly, St. Mary's	158	100	24	38	c	08·3	00	47	44	5	-	-	8	8	08	-	-
Guernsey ...	340	270	16	20	r$_o$r$_o$	08·1	-11	42	41	6	-	-	8	8	06	-	-
Aberporth ...	375	060	14	24	o	13·0	-11	36	31	6	-	-	8	8	12	-	-
Pembroke Dock	34	070	10	58	c	12·1	-08	36	33	5	-	-	8	8	14	-	-
Holyhead (Valley)	32	080	17	48	bc	14·8	-09	36	34	-	3	-	4	-	-	2	58
Manchester ...	248	080	15	57	c	16·7	-11	37	31	5	-	-	8	8	20	4	18
Squires Gate ...	33	080	22	58	c	17·3	-10	38	35	5	-	-	8	8	16	-	-
Silloth	25	070	18	66	c	20·8	-14	37	33	5	-	-	7	7	30	-	-
Lindholme ...	21	060	12	63	id$_o$	18·4	-11	38	35	5	-	-	8	8	15	-	-
Spurn Head ...	29	090	23	48	rr	19·5	-08	38	37	6	-	-	8	8	16	-	-
Dishforth ...	105	040	10	61	ir$_o$	20·0	-10	38	33	5	-	-	8	8	18	-	-
Tynemouth ...	108	080	24	61	c	22·8	-11	40	32	5	-	-	7	7	36	-	-
Leuchars ...	36	060	20	62	pr$_o$	25·6	-10	37	34	8	-	-	8	8	35	4	18
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	070	13	66	bc	22·5	-14	37	28	5	4	1	4	3	35	-	-
West Freugh ...	50	070	14	74	c	20·0	-18	37	32	5	3	-	6	4	35	-	-
Ronaldsway ...	55	080	26	60	c	18·0	-15	40	32	6	-	-	8	8	22	3	14
Tiree	29	060	14	87	c	24·7	-11	36	27	5	-	-	6	6	45	-	-
Benbecula ...	18	080	16	87	b	26·5	-12	36	30	6	-	-	2	2	35	-	-
Stornoway ...	10	060	12	80	c	27·8	-15	40	34	-	3	-	7	-	-	7	59
Cape Wrath ...	367	090	09	82	id$_o$	27·2	-21	39	34	8	-	-	7	7	25	-	-
Sule Skerry ...	43	050	09	82	c	29·3	-06	43	41	8	-	-	8	8	15	-	-
Renfrew ...	28	060	16	58	c/r	28·3	-18	36	32	5	-	-	8	7	35	4	16
Dyce	185	070	03	82	c	27·2	-13	37	28	5	-	-	#7	7	27	-	-
Wick	119	110	05	66	id$_o$	28·4	-10	40	37	5	-	-	#7	7	40	6	22
Lerwick ...	269	010	11	81	c	29·0	-12	41	40	8	-	-	8	8	48	2	16
Blacksod Point	18	080	24	64	o	18·0	-06	40	36	6	-	-	8	8	35	2	15
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	060	19	66	c	18·6	-14	37	31	5	-	-	8	8	21	-	-
Castle Archdale	225	070	12	81	c	18·8	-09	37	29	5	-	-	8	7	28	-	-
Birr Castle ...	231	070	12	62	id$_o$	15·1	-08	38	34	6	-	-	8	8	19	5	14
Collinstown ...	226	080	20	59	c	16·1	-13	40	34	5	-	-	8	8	17	-	-
Rineanna ...	10	060	18	62	c	14·9	-07	39	34	5	-	-	8	8	22	-	-
Valentia ...	30	040	15	58	ir$_o$	11·9	-09	38	33	5	-	-	8	8	20	-	-
Midleton ...	30	050	23	66	o/r	11·3	-10	39	35	6	-	-	8	8	18	-	-

OBSERVATIONS at 06h. G.M.T. 6th January, 1955

Stations	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	Cloud: Form: † Medium	Cloud: Form: † High	Cloud: Total amount 0-8	Cloud: Main layer: Amt. 0-8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0-8	Cloud: Lowest layer: † Ht.	09h. † State of ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	080	12	20	o	11·4	-08	37	33	6	-	-	8	8	15	-	-	5
London Airport	040	09	31	id$_o$	11·2	-14	36	34	6	-	-	8	8	08	-	-	2
Tangmere ...	030	15	26	ir$_o$	09·6	-24	37	34	6	-	-	8	8	49	6	07	1
Bournemouth(Hurn	070	09	48	c	08·7	-18	37	35	6	-	-	8	8	08	-	-	1
Boscombe Down	090	12	19	o	11·3	-12	34	33	6	-	-	8	8	08	-	-	5
Felixstowe ...	080	18	56	o	13·4	-11	39	36	6	-	-	8	8	20	-	-	2
Gorleston ...	090	17	48	o	15·2	-11	38	36	7	-	-	8	8	18	-	-	1
West Raynham	080	15	58	c	14·2	-12	36	34	5	-	-	8	8	15	-	-	1
Mildenhall ...	090	08	28	o	13·4	-13	35	34	6	-	-	8	8	17	-	-	2
Cranfield ...	060	18	14	o	12·7	-16	33	32	6	-	-	8	8	07	-	-	6
Elmdon ...	070	12	28	ir$_o$	14·0	-12	34	32	6	-	-	8	8	05	-	-	6
Cottesmore ...	060	12	23	o	15·2	-10	33	32	6	-	-	8	8	07	-	-	7
Watnall ...	050	12	40	is$_o$	13·4	-12	34	34	6	-	-	8	8	07	-	-	6
Ross-on-Wye ...	050	15	12	o	12·0	-10	35	32	6	-	-	8	8	05	-	-	6
Shawbury ...	080	07	50	id$_o$	14·9	-08	35	34	6	-	-	8	8	10	-	-	6
Bristol	060	10	32	o	11·5	-12	35	33	6	-	-	8	8	08	-	-	5
Plymouth ...	080	18	24	o	07·0	-13	37	36	6	-	-	8	8	06	-	-	5
Chivenor ...	080	10	32	o	09·2	-13	38	36	6	-	-	8	8	09	-	-	1
St. Eval... ...	040	10	40	ir$_o$	06·9	-09	37	37	6	-	-	8	8	16	-	-	2
Culdrose ...	090	22	20	r$_o$r$_o$	07·2	-08	41	40	6	-	-	8	8	08	-	-	1
Scilly, St. Mary's	070	18	48	r$_o$r$_o$	04·5	-07	44	44	5	-	-	8	8	08	-	-	1
Guernsey ...	060	16	18	rr	06·1	-12	42	41	6	-	-	8	8	04	-	-	1
Aberporth ...	080	12	32	o	11·7	-05	36	33	6	-	-	8	8	08	-	-	1
Pembroke Dock	060	12	60	c	10·6	-07	37	34	-	2	-	8	-	-	8	64	1
Holyhead (Valley)	070	19	37	c	13·0	-15	38	37	8	7	-	8	6	40	3	18	1
Manchester ...	040	15	37	o/s	15·3	-08	38	33	6	-	-	8	8	18	-	-	1
Squires Gate ...	070	17	58	c	15·8	-09	37	34	5	-	-	8	8	17	-	-	1
Silloth	050	15	68	bc	18·5	+01	37	34	5	3	-	3	3	35	-	-	1
Lindholme ...	040	10	37	r$_o$r$_o$	16·6	-11	38	36	5	-	-	8	8	24	-	-	1
Spurn Head ...	080	24	56	o	16·6	-13	39	36	6	-	-	8	8	15	-	-	1
Dishforth ...	360	09	58	c	18·4	-08	39	34	5	-	-	8	8	30	5	20	1
Tynemouth ...	080	24	61	c	21·6	-07	40	32	5	-	-	6	6	36	-	-	1
Leuchars ...	070	18	74	c	24·0	-08	38	29	5	-	-	8	8	30	-	-	1
Eskdalemuir ...	040	08	60	c	21·6	-02	34	31	5	-	-	8	8	18	-	-	6
Prestwick ...	060	15	74	c	20·8	-08	38	27	5	3	-	7	1	30	-	-	0
West Freugh ...	080	21	66	c	18·0	-05	38	33	5	-	-	7	7	50	-	-	1
Ronaldsway ...	060	15	68	c	16·4	-09	40	35	5	-	-	8	8	21	1	16	1
Tiree	060	12	87	b	23·0	-11	34	25	5	-	-	1	1	40	-	-	1
Benbecula ...	080	15	87	b	24·3	-12	36	33	5	-	-	1	1	35	-	-	0
Stornoway ...	040	13	80	c	25·8	-14	42	38	5	-	-	6	6	36	-	-	1
Cape Wrath ...	080	09	82	c	25·9	-12	38	35	8	-	-	7	7	20	-	-	1
Sule Skerry ...	090	09	82	c	26·8	-08	40	41	8	-	-	8	8	15	-	-	1
Renfrew ...	050	14	64	c	22·2	-09	36	31	5	-	-	8	8	27	-	-	1
Dyce	360	02	48	d$_o$d$_o$	25·8	-08	34	33	6	-	-	8	7	28	4	09	1
Wick	100	07	80	c	26·3	-09	42	38	5	-	-	7	7	33	4	16	1
Lerwick ...	010	08	81	c	27·4	-09	41	38	8	-	-	7	7	45	3	11	1
Blacksod Point	080	19	62	o	16·9	-07	40	36	6	-	-	8	8	35	2	15	0
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	060	17	70	c	17·8	-11	37	31	5	-	-	8	8	22	-	-	1
Castle Archdale	070	16	66	c	17·5	-10	38	31	5	-	-	8	8	25	2	20	1
Birr Castle ...	060	08	58	o	13·6	-10	39	36	6	-	-	8	8	14	6	10	1
Collinstown ...	080	15	62	o/r	14·6	-12	40	37	6	-	-	8	8	22	6	15	1
Rineanna ...	060	12	50	id$_o$	13·7	-05	40	36	6	-	-	8	8	14	-	-	1
Valentia ...	040	20	58	pr$_o$	10·3	-06	39	35	8	-	-	7	6	20	3	14	1
Midleton ...	050	19	60	o	10·8	-06	40	37	6	-	-	8	8	12	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.-09h. (39)	Temperature 21h.-09h.: Min. °F. (41)	Temperature 21h.-09h.: Min. on Grass °F. (42)	Rain 21h. (9)h. mm. (43)
Kew	o m i n$_o$	o r R i r o m$_o$	36	35	1
London Airport	c m o i r o m$_o$	o d$_o$d$_o$ r r c d$_o$d$_o$m$_o$	36	35	2
Tangmere ...	c r o$_o$c m$_o$	c m$_o$c r$_o$r$_o$	34	34	1
Bournemouth(Hurn	o m$_o$d$_o$	o m$_o$o i r$_o$m	35	34	1
Boscombe Down	o i d$_o$f o m	o m o i r r$_o$f o m	33	32	0·6
Felixstowe ...	o m$_o$	o m$_o$	37	36	Tr
Gorleston ...	o m$_o$	o i r o m$_o$	36	35	0·4
West Raynham	c m$_o$	c i r o m$_o$	34	32	Tr
Mildenhall ...	c m$_o$	c i r o m$_o$	34	33	0·4
Cranfield ...	o f d$_o$c m	c r$_o$r$_o$	33	31	3
Elmdon ...	o i s$_o$ i d$_o$ o	o o i r$_o$	33	32	0·6
Cottesmore ...	s o s$_o$ m o m$_o$	o m$_o$ i d$_o$ r$_o$ m$_o$	31	31	0·6
Watnall ...	o i r o m$_o$	o i r$_o$ s$_o$ m$_o$	33	31	0·1
Ross-on-Wye ...	d$_o$ o m$_o$	o m$_o$	33	32	0·1
Shawbury ...	o i s$_o$ m m$_o$	o i d$_o$ m$_o$	33	33	0·1
Bristol	c d$_o$d$_o$ i d$_o$m	c m r$_o$ i r$_o$c	33	32	0·2
Plymouth ...	o d$_o$d$_o$ o i r$_o$ m$_o$	o i r$_o$ o m$_o$	36	36	Tr
Chivenor ...	c m$_o$	c m$_o$ i r$_o$ m$_o$ c m$_o$	33	30	Tr
St. Eval... ...	c m$_o$	c m$_o$ i r$_o$ r r m$_o$	36	33	3
Culdrose ...	o i r$_o$ r r	r r i r$_o$	30	28	6
Scilly, St. Mary's	c	o i r r$_o$r$_o$	43	*	4
Guernsey ...	o r$_o$r r r	o r r c r$_o$r$_o$	40	37	9
Aberporth ...	c m$_o$	c m$_o$ o m$_o$c	34	32	-
Pembroke Dock	c m$_o$	c m$_o$	35	34	-
Holyhead (Valley)	c m$_o$ b c m$_o$	b c m$_o$ b m$_o$ c m$_o$	34	32	-
Manchester ...	c	c i r$_o$	35	34	Tr
Squires Gate ...	c c m$_o$	c m$_o$ r s$_o$ z i r m$_o$	37	36	0·5
Silloth	c	c b b c	35	33	-
Lindholme ...	c c d$_o$d$_o$ c m$_o$	c m$_o$ r$_o$ d$_o$d$_o$m$_o$	36	33	2
Spurn Head ...	o m$_o$o	o p r s o	38	*	Tr
Dishforth ...	c c r s$_o$ c m$_o$	c m$_o$ i r$_o$	37	35	Tr
Tynemouth ...	c	c	39	36	-
Leuchars ...	c p r o p h$_o$	c	36	34	0·4
Eskdalemuir ...	c	c	32	31	-
Prestwick ...	c b c c	c	36	33	-
West Freugh ...	c	c i r$_o$c	36	33	Tr
Ronaldsway ...	c c i r$_o$c	c i r$_o$ c c i r$_o$	39	37	0·3
Tiree	c y b c	b x b c	33	27	-
Benbecula ...	b b c	b x	34	28	-
Stornoway ...	c b c c	c b c i r$_o$	39	33	Tr
Cape Wrath ...	p r	p r	37	36	0·5
Sule Skerry ...			39	35	1
Renfrew ...	c u b r s$_o$ c	c c z$_o$	35	33	Tr
Dyce	c	c r d$_o$ i d$_o$m$_o$	33	29	Tr
Wick	c i r$_o$	c i d$_o$c	36	34	0·2
Lerwick ...	c p r$_o$	c	40	37	Tr
Blacksod Point	c	c	39	38	-
Malin Head ...			37		2
Aldergrove ...	c	c c i r$_o$c	35	34	0·3
Castle Archdale	c	c c i r$_o$	36	33	Tr
Birr Castle ...	c	d	37	37	Tr
Collinstown ...	c	s	38	37	1
Rineanna ...	s	d	38	36	Tr
Valentia ...	p	r	37	35	Tr
Midleton ...	r	r	38	37	0·4

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE YERRIER	50° 30′	19° 48′	1018	+08	040	30	c	p	48	50	41	37	5	-	-	8	8	14
WEATHER OBSERVER	59° 6′	18° 0′	1030	-13	080	15	c/pr	p	46	48	41	38	8	-	-	6	6	8
CUMULUS	65° 54′	04° 54′E	1025	-20	200	03	c	r	37	45	32	37	8	-	-	7	7	3
CIRRUS	45° 0′	16° 0′	1010	+02	320	17	bc	p	50	54	41	70	9	-	-	3	3	5½
WEATHER EXPLORER	62° 18′	33° 0′	1037	-13	-	0	b	bc	41	41	40	37	6	3	1	1	2	5
U.S. SHIP 'C'	52° 48′	35° 30′	1022	-08	080	24	c	c	45	45	41	60	2	7	-	3	6	8
U.S. SHIP 'D'	44° 0′	41° 0′	997	+17	140	16	ir$_o$	r	61	60	56	63	-	1	-	0	8	14
GOLFITO	47° 6′	12° 36′	1005	+05	320	15	bc	bc	50	68	36	38	2	-	-	3	3	6½
CARNARVON CASTLE	45° 18′	07° 42′	1015	-06	340	13	bc	bc	50	56	41	39	1	-	-	4	4	3
NISTONE	44° 30′	08° 48′	1007	+00	310	18	bc	bc	51	56	40	38	2	6	-	3	4	5

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE YERRIER	52° 30′	20° 12′	1020	+06	050	10	bc	bc	50	52	39	37	8	-	-	4	4	*
WEATHER OBSERVER	58° 12′	19° 13′	1029	-03	090	18	pr$_o$	p	46	48	41	38	3	6	-	4	5	3
CUMULUS	65° 30′	02° 0′E	1020	-18	290	28	c	p	41	46	36	37	9	-	-	8	8	6½
CIRRUS	45° 0′	16° 6′	1016	+00	290	22	bc	p	50	54	43	70	9	-	-	4	4	11
WEATHER EXPLORER	62° 18′	32° 54′	1024	-13	-	0	c	b	39	38	38	37	5	3	-	3	8	3
U.S. SHIP 'C'	52° 48′	35° 30′	1020	+00	090	29	c	c	45	45	41	69	-	5	-	8	8	8
U.S. SHIP 'D'	44° 0′	41° 0′	997	+07	160	17	c	bc	60	61	56	69	-	2	-	0	6	13
AVISTONE	45° 30′	08° 24′	1005	-02	320	13	bc	bc	50	53	39	38	2	-	-	4	4	5
EMPIRE ORWELL	42° 42′	09° 30′	1009	+16	260	13	b	bc	52	57	43	39	8	-	-	1	1	*
GOLFITO	45° 6′	14° 18′	1006	+00	280	18	bc/pr	p	51	57	40	38	3	6	-	2	3	5½

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* Information not usually received.

† Code figure (see Introduction)

No. 3f014

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue... Friday 7th January ... 1955

OBSERVATIONS at 12h. G.M.T. 6th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	080	13	13	ir$_o$	10·5	-06	38	35	7	2	-	8	8	08	6	04
London Airport	060	11	10	ir$_o$	10·3	-07	37	36	-	-	-	9	-	-	-	-
Tangmere	050	12	13	rr	08·6	-07	38	36	7	2	-	8	8	07	6	04
Bournemouth (Hurn	040	09	20	r$_o$r$_o$	07·5	-09	39	38	7	-	-	8	8	05	5	03
Boscombe Down	090	15	15	r$_o$r$_o$	09·6	-04	35	35	6	-	-	8	8	04	-	-
Felixstowe	080	20	A8	c	12·2	-11	38	34	6	-	-	8	8	15	5	08
Gorleston	100	18	56	c	15·1	-06	39	34	-	7	-	8	8	57	-	-
West Raynham	070	18	56	c	13·3	-12	37	32	5	-	-	7	7	57	-	-
Mildenhall	090	15	31	c	12·7	-10	37	35	6	-	-	8	6	38	1	10
Cranfield	060	15	10	rr	12·5	-03	34	33	6	-	-	8	8	08	-	-
Elmdon	050	13	32	r$_o$s$_o$	12·7	-13	35	33	6	-	-	7	7	04	-	-
Cottesmore	050	16	32	o/r	14·3	-10	34	33	6	-	-	8	8	04	-	-
Watnall	050	17	27	r$_o$r$_o$	14·9	-08	35	34	6	-	-	8	8	09	-	-
Ross-on-Wye	070	11	24	r$_o$r$_o$	10·9	-13	35	33	-	2	-	8	8	06	-	-
Shawbury	070	08	57	r$_o$r$_o$	13·7	-13	36	33	6	-	-	8	8	25	5	15
Bristol	050	18	20	rr	10·4	-06	35	35	6	-	-	8	8	06	6	04
Plymouth	080	08	26	rr	06·4	-15	38	35	6	2	-	8	8	10	5	06
Chivenor	070	12	56	ir$_o$	08·5	-06	38	35	6	-	-	8	8	25	6	08
St. Eval	050	08	20	d$_o$d$_o$	06·7	-06	37	35	6	-	-	8	8	05	-	-
Culdrose	070	16	20	id$_o$	07·4	00	39	38	6	2	-	8	8	10	4	03
Scilly, St. Mary's	060	14	32	r$_o$r$_o$	05·3	+06	42	41	6	-	-	8	8	06	-	-
Guernsey	110	08	06	id$_o$	05·4	-05	41	41	6	-	-	8	8	01	-	-
Aberporth	060	14	58	c	10·3	-12	38	32	6	7	-	8	4	14	-	-
Pembroke Dock	090	07	56	ir$_o$	09·8	-07	39	33	6	-	-	8	8	12	-	-
Holyhead (Valley)	070	12	37	ir$_o$	13·4	-05	40	38	5	7	-	8	3	16	-	-
Manchester	060	14	50	c	14·4	-03	40	33	5	-	-	8	7	40	1	09
Squires Gate	080	18	58	c/r	15·4	-07	40	35	6	7	-	8	4	25	-	-
Silloth	060	17	[illegible]	c	19·3	-03	38	35	5	3	2	6	-	40	-	-
Lindholme	050	12	40	rr	16·7	-07	39	36	5	-	-	8	8	50	5	18
Spurn Head	090	27	56	pr$_o$	16·0	-04	40	37	7	-	-	8	8	15	-	-
Dishforth	030	15	61	c/r	18·0	-10	40	34	5	-	-	7	7	40	5	20
Tynemouth	080	24	61	c	21·6	-02	40	34	8	7	-	7	6	32	4	28
Leuchars	050	13	70	c/pr	23·8	-04	38	31	8	-	-	8	8	35	4	18
Eskdalemuir	060	08	66	c	21·0	-07	35	29	5	-	-	6	6	18	-	-
Prestwick	070	20	81	bc	21·0	-07	39	29	5	4	1	5	3	22	-	-
West Freugh	070	15	69	bc	18·4	-05	40	38	5	3	1	5	1	40	-	-
Ronaldsway	080	21	62	r$_o$r$_o$	16·7	-03	40	35	5	2	-	8	8	56	1	16
Tiree	090	10	89	bc	22·8	+00	37	26	5	3	2	4	1	50	-	-
Benbecula	090	10	39	b	24·2	-02	41	36	5	-	1	1	1	30	-	-
Stornoway	090	12	82	c	25·6	-01	44	37	5	3	-	6	3	50	1	10
Cape Wrath	090	05	84	bc	25·9	+03	41	39	5	-	-	5	5	30	-	-
Sule Skerry																
Renfrew																
Dyce	060	13	37	c	22·3	-04	37	32	5	-	-	7	7	28	1	20
	080	03	65	c/pr	26·1	-07	38	31	5	-	-	8	8	28	-	-
Wick	090	06	82	c	25·9	-05	43	38	2	3	-	7	6	15	-	-
Lerwick	010	02	82	c	26·9	-03	41	37	5	-	-	8	8	56	-	-
Blacksod Point	060	16	76	c	17·5	+02	41	37	6	-	-	8	7	39	3	19
Malin Head	090	19	79	c	20·2	-06	41	35	2	-	-	7	7	21	-	-
Aldergrove	060	20	61	c	18·2	-03	39	32	5	4	-	7	6	40	-	-
Castle Archdale	060	10	81	c	18·2	-02	39	32	6	7	8	8	4	50	1	22
Birr Castle	050	11	62	c	14·0	-04	41	36	6	-	-	8	8	18	5	12
Collinstown	070	19	69	c	15·1	-02	41	36	6	-	-	8	8	30	5	17
Rineanna	050	10	62	o	14·2	+01	41	38	6	-	-	8	8	13	-	-
Valentia	050	15	61	c	12·4	+07	42	36	8	7	-	7	7	45	1	18
Midleton	050	13	58	o	11·4	-01	42	37	6	-	-	8	8	15	-	-

OBSERVATIONS at 18h. G.M.T. 6th January 1955

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	080	12	13	0	10·4	+03	39	33	6	-	-	8	8	08	-	-	1
London Airport	080	10	16	o/d	10·5	+07	39	36	6	-	-	8	8	06	-	-	1
Tangmere	070	11	14	d$_o$d$_o$	09·1	+07	38	36	6	-	-	8	8	02	-	-	1
Bournemouth (Hurn	050	08	21	c/r	08·1	+06	39	37	6	-	-	8	8	10	5	04	1
Boscombe Down	110	13	05	c/d	09·8	+07	36	35	-	-	-	9	-	-	-	-	5
Felixstowe	100	17	48	c	12·1	+03	39	34	5	-	-	7	7	35	-	-	2
Gorleston	090	18	58	c	13·9	-03	38	32	-	7	-	6	6	36	-	-	2
West Raynham	060	16	58	c	13·3	+04	36	31	5	-	-	8	8	50	-	-	1
Mildenhall	090	12	56	c	12·6	+07	38	34	6	7	-	7	3	14	-	-	1
Cranfield	060	17	14	rr	11·7	+07	34	32	6	-	-	8	8	24	5	08	6
Elmdon	060	14	37	ir$_o$	12·2	00	35	33	6	-	-	8	8	11	5	07	5
Cottesmore	060	16	58	r$_o$	13·8	+04	35	33	7	-	-	8	8	20	-	-	5
Watnall	040	15	58	c	14·2	00	35	34	6	-	-	8	8	20	5	15	7
Ross-on-Wye	070	10	12	rs	10·4	00	34	33	-	2	-	8	8	05	-	-	6
Shawbury	080	15	50	r$_o$s$_o$	12·7	00	38	31	5	-	-	8	8	18	-	-	5
Bristol	070	13	23	d$_o$d$_o$	09·5	-01	35	35	6	-	-	8	8	06	2	03	5
Plymouth	090	16	33	r$_o$r$_o$	05·4	+09	38	37	6	2	-	8	8	19	5	05	2
Chivenor	060	20	58	c/r	07·7	+03	38	34	5	-	-	8	8	21	-	-	1
St. Eval	050	16	48	r$_o$r$_o$	05·7	-04	37	35	6	-	-	8	8	10	-	-	2
Culdrose	070	13	40	d$_o$d$_o$	06·0	-01	38	37	7	2	-	8	8	10	3	03	2
Scilly, St. Mary's	050	10	48	c/r	04·6	-03	40	38	6	-	-	8	8	06	-	-	2
Guernsey	160	10	48	c	05·7	+09	45	44	6	-	-	8	8	12	5	08	1
Aberporth	060	12	56	c	10·3	+02	38	31	5	-	-	8	8	18	2	08	1
Pembroke Dock	050	15	58	r$_o$r$_o$	09·3	00	39	34	6	-	-	8	8	12	-	-	1
Holyhead (Valley)	050	10	48	c	12·2	+05	40	37	5	-	-	8	8	47	1	18	1
Manchester	060	18	58	c	13·2	+03	39	30	5	7	-	8	5	45	3	22	1
Squires Gate	070	28	59	c	13·7	-09	39	33	5	7	-	8	7	57	2	50	1
Silloth	060	20	65	c	18·3	-01	38	35	5	7	-	7	5	30	-	-	1
Lindholme	040	15	58	c	15·6	+03	39	35	5	2	-	8	3	50	-	-	1
Spurn Head	090	31	58	c	15·3	-02	40	38	-	1	-	8	-	-	8	60	0
Dishforth	090	10	63	c	17·7	+02	39	33	5	7	-	7	3	30	1	20	1
Tynemouth	080	16	58	c	20·5	00	39	33	5	-	-	7	7	28	-	-	1
Leuchars	070	12	62	id$_o$	22·4	-03	37	34	7	-	-	8	8	23	6	15	1
Eskdalemuir	060	12	66	c	19·9	-04	33	32	5	3	-	7	3	18	-	-	5
Prestwick	060	18	66	c	19·8	00	38	28	-	7	-	7	-	-	7	59	0
West Freugh	070	18	66	r$_o$s$_o$	17·2	-06	38	35	5	-	-	8	8	40	2	20	1
Ronaldsway	060	23	86	c	14·8	-03	41	32	5	7	-	7	3	50	-	-	1
Tiree	090	10	89	b	21·4	-02	34	27	5	4	-	1	1	45	-	-	3
Benbecula	070	12	89	b	22·2	-05	38	35	5	-	-	1	1	30	-	-	1
Stornoway	070	12	82	bc	24·0	-08	41	35	5	-	-	3	3	35	-	-	1
Cape Wrath	140	02	83	pr$_o$	24·0	-06	40	36	8	-	-	4	4	25	-	-	1
Sule Skerry	090	05	82	c	24·5	+05	43	42	8	-	-	8	8	15	-	-	0
Renfrew																	0
Dyce	060	15	58	c	21·4	00	37	31	5	-	-	7	6	37	3	15	0
	—	0	40	c	24·0	-03	35	33	5	-	-	7	7	25	3	15	1
Wick	—	0	86	c/pr	24·5	-05	38	37	8	-	-	7	7	39	2	23	1
Lerwick	—	0	82	c	24·3	-11	38	37	5	-	-	8	8	56	-	-	1
Blacksod Point	060	13	71	c	16·6	-03	41	37	6	-	-	7	7	39	3	19	
Malin Head	090	19	58	c	19·2	00	41	37	7	-	-	6	6	21	-	-	
Aldergrove	070	14	59	c	17·1	-03	39	32	5	-	-	7	7	46	2	18	1
Castle Archdale	040	07	74	c	17·2	+03	38	32	5	7	-	7	2	30	-	-	1
Birr Castle	050	10	61	ir$_o$	13·5	-01	40	36	6	-	-	8	8	15	-	-	
Collinstown	060	17	61	ir$_o$	14·2	00	41	35	6	-	-	8	8	30	6	18	
Rineanna	030	13	59	c	13·9	+02	40	36	6	-	-	8	8	20	2	18	
Valentia	030	11	61	c	12·4	+05	42	37	6	-	-	7	7	16	-	-	
Midleton	030	15	58	o/r	10·8	+03	41	38	6	-	-	8	8	15	-	-	

OBSERVATIONS during DAY

Stations	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cr$_o$ rm	cir$_o$ irmorm$_o$	39	0·0	1
London Airport	cdodomir$_o$ r$_o$f$_o$f	cmrrzdod$_o$fom	39	*	2
Tangmere					
Bournemouth (Hurn	crrm$_o$	cdodom	39	0·0	4
Boscombe Down	cr$_o$f$_o$ m	cr$_o$f$_o$ m$_o$ cm	39	*	8
Felixstowe	cr$_o$f$_o$ m$_o$dr$_o$crrm	cr$_o$f$_o$ m d$_o$d$_o$ aff$_o$	36	0·0	8
Gorleston	om$_o$ cr$_o$f$_o$	cr$_o$f$_o$ cm$_o$	39	0·0	1
West Raynham	om$_o$	cm$_o$	39	0·0	-
Mildenhall	cir$_o$ m$_o$ cm$_o$	cm$_o$	37	0·0	TR
Cranfield	cr$_o$f$_o$ m$_o$	cm$_o$ ir$_o$	38	0·0	0·1
Elmdon	crrif$_o$m	crri d$_o$m	35	0·0	5
Cottesmore	orsm$_o$ om$_o$	cr$_o$f$_o$ cm$_o$	35	0·0	4
Watnall	om$_o$ dr$_o$	om$_o$ rrbc	35	0·0	1
Ross-on-Wye	od$_o$d$_o$r$_o$f$_o$cm$_o$	cm$_o$	36	0·0	0·5
Shawbury	r$_o$f$_o$	r$_o$m$_o$r$_3$ r$_5$om$_o$	35	0·0	13
Bristol	crrm$_o$	cz$_o$r$_5$o cm$_o$	38	0·0	2
Plymouth	crrr$_o$	or$_o$s$_o$ i d$_o$	35	0·0	7
Chivenor	cm$_o$ orr crrm$_o$	crr cr$_o$f$_o$ m$_o$	41	0·0	9
St. Eval	cir$_o$ ir rm$_o$	cir$_o$ m$_o$	39	0·0	3
Culdrose	or$_o$f$_o$ m od$_o$d$_o$m	or$_o$f$_o$ m$_o$ om$_o$	38	0·0	5
Scilly, St. Mary's	or$_o$f$_o$	orr r$_o$f$_o$ d d i d$_o$	41	0·0	5
Guernsey	or$_o$f$_o$	or$_o$f$_o$ if idd	44	0·0	7
Aberporth	cr$_o$f$_o$ i d$_o$ if	cif Fe	46	0·0	3
Pembroke Dock	cr$_o$f$_o$ m$_o$ cm$_o$	cm$_o$ cir$_o$ m$_o$ c	38	0·0	1
Holyhead (Valley)	cr$_o$f$_o$ m$_o$	cr$_o$f$_o$ m$_o$	39	0·0	3
Manchester	cir$_o$ m orr	cr r r$_o$f$_o$ cm$_o$ z$_o$	40	0·0	1
Squires Gate	c	c	40	0·0	1
Silloth	cir$_o$ m orr	cr r r$_o$f$_o$ cm$_o$ z$_o$	40	0·0	-
Lindholme	c	c	39	0·0	-
Spurn Head	4cd od$_o$ m orr r$_5$	cir$_o$ m$_o$ c	40	0·0	2
Dishforth	cpr$_o$	c	41	0·0	TR
Tynemouth	cir$_o$ c	c	41	0·0	TR
Leuchars	cc m$_o$	cm$_o$ c	41	0·0	-
Eskdalemuir	mccpr$_o$ j p	cpr$_o$ i d$_o$ ir$_o$	39	0·4	0·4
Prestwick	c	cb	35	0·3	-
West Freugh	cbc	bcc	39	2·2	-
Ronaldsway	c	cir$_o$ s c	40	0·6	TR
Tiree	cr$_o$f$_o$ c	c	42	0·0	TR
Benbecula	bcb v	bx	39	1·9	-
Stornoway	b	bbx b	42	4·5	-
Cape Wrath	cb	bbc	44	4·1	-
Sule Skerry	hcpr	pr bc	43	*	2
Renfrew			45	*	TR
Dyce	cz$_o$ cm$_o$	cm$_o$ ir$_o$ cm$_o$	38	0·0	TR
	cis cr c	cpr$_o$ s c	38	0·0	0·3
Wick	bcc pr$_o$	cpr$_o$ bxc	43	1·8	1
Lerwick	c	c	42	0·0	-
Blacksod Point	r c	c	41	0·0	TR
Malin Head	c	c	41	0·0	TR
Aldergrove	cir$_o$ s o c	cm$_o$	39	0·1	TR
Castle Archdale	cir$_o$	c	39	0·0	TR
Birr Castle	r c	c	44	0·0	TR
Collinstown	r r	r	42	0·0	0·1
Rineanna	d r	r	43	0·0	TR
Valentia	p c	c	43	2·1	TR
Midleton	c r	r	43	0·0	TR

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	59° 12′	19° 12′	1029	-02	100	14	bc	p	47	48	40	99	8	-	-	3	4	6½
LE VERRIER	52° 30′	20° 12′	1021	+03	030	14	sp	c	48	49	39	98	8	2	1	6	6	8
CUMULUS	65° 48′	02° 24′E	1017	-04	270	28	c	p	41	42	36	98	7	1	-	6	8	8
CIRRUS	44° 48′	16° 00′	1013	+10	320	22	bc	p	52	53	43	70	9	6	-	3	3	13
WEATHER EXPLORER	62° 00′	33° 00′	1033	-02	350	04	f+	f	36	41	36	92	-	-	-	9	9	3
U.S. SHIP 'C'	52° 48′	35° 30′	1019	-03	090	35	c	c	45	45	42	69	5	7	6	2	8	8
U.S. SHIP 'D'	44° 00′	41° 00′	997	+00	110	08	bc	bc	60	61	58	59	-	7	2	0	3	13
NOVA SCOTIA	50° 24′	39° 12′	1004	-34	080	40	r$_o$r$_o$	c	48	51	48	96	7	-	-	8	8	19
REGENT ROYAL	45° 42′	22° 24′	1018	+10	150	09	bc	c	54	57	43	98	5	2	1	3	5	1½
WENDOVER	46° 42′	18° 48′	1015	+10	020	10	bc	bc	52	56	46	98	2	-	-	5	5	8

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	51° 24′	20° 18′	1021	00	030	14	bc	c	48	50	37	98	8	-	-	5	5	8
WEATHER OBSERVER	59° 12′	20° 24′	1027	-08	050	10	sp	bc	51	48	42	98	3	6	-	4	7	3
CIRRUS	45° 00′	16° 06′	1013	-03	330	27	c	c	52	53	45	60	1	-	-	6	6	13
CUMULUS	63° 54′	01° 12′E	1011	-24	290	29	c	c	41	44	34	98	7	-	-	8	8	8
WEATHER EXPLORER	62° 00′	33° 00′	1030	-13	280	07	f-	f	34	41	34	91	-	-	-	9	9	3
U.S. SHIP 'C'	53° 48′	35° 30′	1016	-10	090	33	c	c	46	45	42	69	-	2	-	0	8	9½
U.S. SHIP 'D'	44° 00′	41° 00′	990	-24	090	16	c	f	60	62	58	63	-	2	6	0	8	11
WENDOVER	45° 36′	20° 54′	1010	+05	020	10	bc	b	51	55	43	98	1	6	-	3	3	9½
AVISTONE	47° 36′	07° 36′	1004	00	360	02	bc	bc	50	52	39	98	2	-	1	3	4	11½
REGENT ROYAL	45° 24′	20° 54′	1019	+05	030	06	bc	b	53	58	41	98	1	3	1	3	3	6½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Thursday 6th January

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm T Thunder ≡ Fog ═ Mist

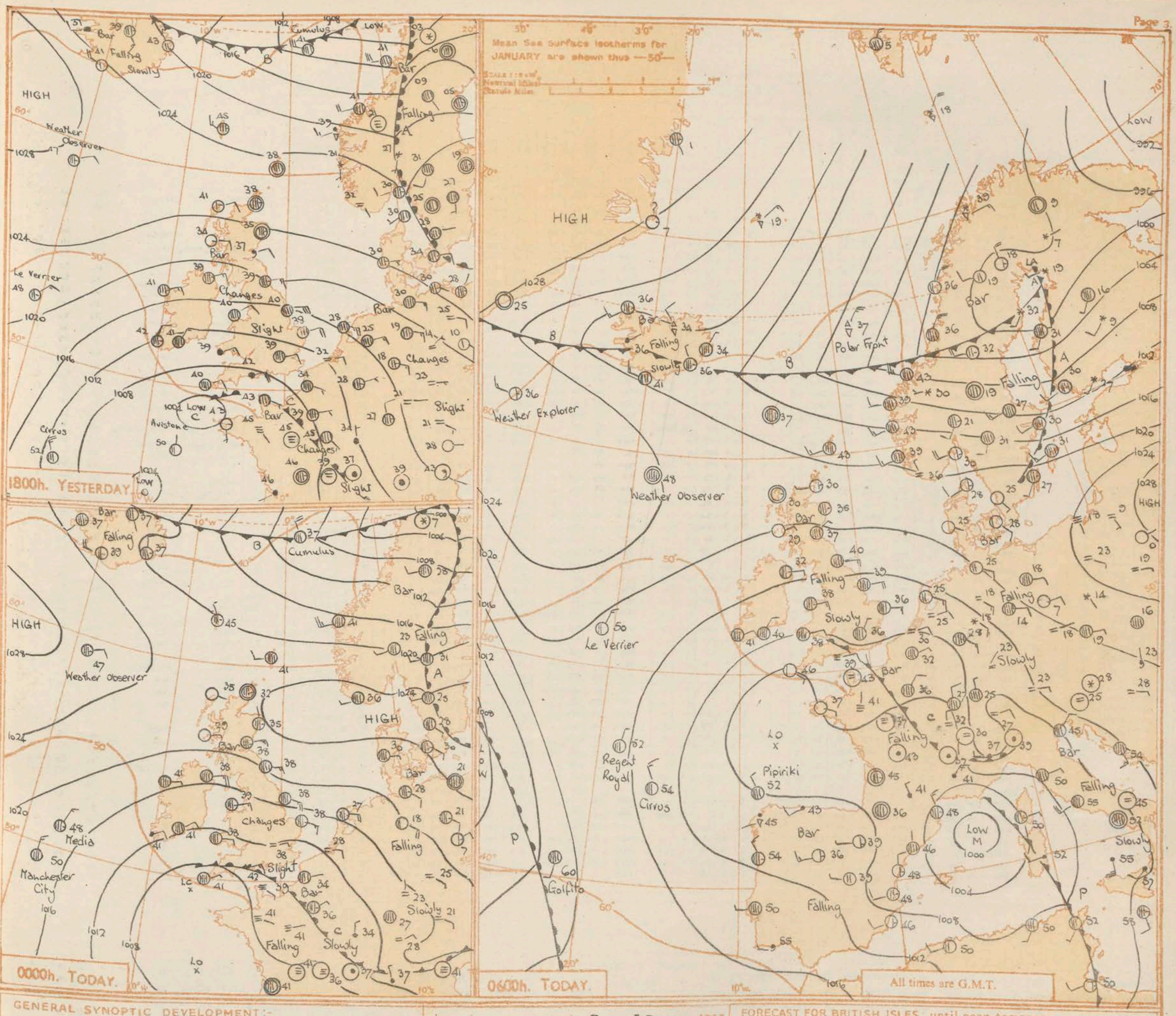
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.



GENERAL SYNOPTIC DEVELOPMENT:-

The depression which was centred to the southwest of the British Isles yesterday is filling up and a ridge of high pressure over Scotland is moving southwards.

This ridge will be followed in Scotland by a cold front.

Issued at mid-day today Friday 7th January, 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Most parts of England and Wales will have cloudy dry weather today, but the clouds may clear during the night leading to frost and fog patches tomorrow morning.

In Scotland and the North of Ireland there will be some bright periods this afternoon but frost and fog patches will form this evening. During the night and tomorrow morning cloudy weather with some rain or snow will spread across many parts of Scotland from the North.

OUTLOOK FOR the following 24 hours:-.....

Continuing cold. Cloudy weather with north easterly winds and with some rain or sleet in places probably spreading steadily southwestwards from Scotland.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 4th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form Low † (9)	Cloud: Form Medium † (10)	Cloud: Form High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer Amt. 0–8 (13)	Cloud: Main layer Ht. † (14)	Cloud: Lowest layer Amt. 0–8 (15)	Cloud: Lowest layer Ht. † (16)
Kew	18	*	*	*	*	*	*	38	*	*	*	*	*	*	*	*	*
London Airport	82	060	06	23	0	11·6	−07	52	35	6	-	-	8	8	08	-	-
Tangmere ...	53	050	12	09	o/+	10·9	+02	37	37	6	-	-	8	8	03	-	-
Bournemouth (Hurn	34	060	05	17	c/r	10·4	+04	39	37	6	-	-	8	8	09	6	03
Boscombe Down	414	080	05	12	0	11·8	+08	36	36	6	-	-	8	8	02	-	-
Felixstowe ...	10	110	13	57	c	12·8	−02	38	34	5	-	-	7	7	35	4	17
Gorleston ...	5	100	17	56	c	15·4	+02	38	32	5	-	-	7	7	38	-	-
West Raynham	250	050	11	58	c	14·2	−02	33	30	-	3	-	7	-	-	7	60
Mildenhall ...	15	070	08	56	c	13·5	−01	35	31	5	-	-	8	8	12	-	-
Cranfield ...	340	050	13	19	c	13·2	+01	34	31	5	-	-	8	8	15	-	-
Elmdon ...	324	060	08	48	cir.	14·0	+03	34	33	6	-	-	8	8	16	7	10
Cottesmore ...	440	070	10	58	c	15·2	+05	34	31	5	-	-	8	8	16	-	-
Watnall ...	366	060	12	57	c	15·2	−05	35	33	5	-	-	8	8	18	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	100	11	58	c	14·7	+05	37	34	5	-	-	8	8	16	-	-
Bristol	192	060	10	23	c	12·2	+05	35	34	6	-	-	8	8	03	-	-
Plymouth ...	90	110	07	40	c	08·2	+06	43	42	6	-	-	7	7	12	-	-
Chivenor ...	20	090	09	48	c	09·9	+10	40	37	5	-	-	8	8	15	6	09
St. Eval... ...	336	090	12	61	c	07·3	+09	42	42	-	3	-	6	-	-	6	59
Culdrose ...	260	160	08	62	c	07·2	+05	46	46	5	-	-	7	7	18	-	-
Scilly, St. Mary's	158	040	07	48	c	06·1	+01	41	39	5	-	-	8	8	08	-	-
Guernsey ...	340	150	05	60	c	09·1	+07	44	43	6	-	2	7	6	15	5	08
Aberporth ...	375	070	08	48	c	11·5	00	37	33	5	-	-	8	8	12	-	-
Pembroke Dock	34	090	12	58	o/r	10·7	+04	38	35	6	-	-	8	8	12	-	-
Holyhead (Valley)	32	070	17	48	c	12·2	−12	39	36	5	7	-	7	3	56	-	-
Manchester ...	248	040	07	60	c	14·6	+00	38	31	5	7	-	7	5	20	-	-
Squires Gate ...	33	080	18	58	c	15·5	+00	38	32	5	-	-	8	8	56	-	-
Silloth	25	060	15	63	c	18·6	−06	38	35	5	-	-	8	8	30	-	-
Lindholme ...	21	050	12	66	c	16·4	+03	38	35	5	-	-	7	7	23	-	-
Spurn Head ...	29	100	21	58	c	16·7	+00	38	35	-	1	-	8	-	-	8	61
Dishforth ...	105	010	07	61	c	17·8	−02	37	33	5	-	-	8	8	22	-	-
Tynemouth ...	108	090	14	61	c	19·8	−03	38	33	5	-	-	8	8	32	-	-
Leuchars ...	36	060	13	70	c	21·7	−07	38	30	5	-	-	7	7	28	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	060	13	70	c	19·7	−06	37	28	5	3	-	6	2	50	-	-
West Freugh ...	50	040	12	74	c	17·8	+01	37	33	5	-	-	6	6	45	-	-
Ronaldsway ...	55	050	15	68	c	16·0	+05	40	32	5	3	-	8	3	22	-	-
Tiree	29	050	08	89	b	21·0	−06	29	25	-	-	-	0	-	-	-	-
Benbecula ...	18	120	05	89	b	21·9	−07	35	33	-	-	-	0	-	-	-	-
Stornoway ...	10	120	02	82	b	23·1	−12	35	33	-	-	-	0	-	-	-	-
Cape Wrath ...	367	140	02	83	b	23·2	−04	40	35	-	-	-	0	-	-	-	-
Sule Skerry ...	43	—	0	82	b	23·4	−04	42	36	1	-	-	1	1	30	-	-
Renfrew ...	28	060	09	59	c	21·1	−07	37	30	5	-	-	8	8	23	-	-
Dyce	185	350	03	60	c	22·9	−09	35	33	5	3	-	7	7	25	-	-
Wick	119	—	0	81	c	23·5	−09	32	31	5	-	-	7	4	35	-	-
Lerwick ...	269	250	12	81	c	21·5	−20	41	38	5	-	-	8	8	40	-	-
Blacksod Point	18	070	05	71	c	17·1	−04	41	38	5	-	-	8	8	45	3	25
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	070	26	66	c	16·8	−09	38	31	5	3	-	8	4	35	-	-
Castle Archdale	225	060	09	66	c	17·5	−03	38	33	-	7	-	7	-	-	7	60
Birr Castle ...	231	040	11	70	c	13·6	−06	40	35	5	-	-	7	7	35	-	-
Collinstown ...	226	070	18	61	r.	14·7	−04	40	35	6	-	-	8	8	18	-	-
Rineanna ...	10	020	13	62	o/r	14·3	00	40	37	6	-	-	8	8	19	-	-
Valentia ...	30	040	11	62	cir.	13·0	+02	41	38	6	-	-	8	8	13	-	-
Middleton ...	30	030	12	66	0	11·6	−01	41	37	6	-	-	8	8	18	-	-

OBSERVATIONS at 06h. G.M.T. 1st January 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form Low † (25)	Cloud: Form Medium † (26)	Cloud: Form High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer Amt. 0–8 (29)	Cloud: Main layer Ht. † (30)	Cloud: Lowest layer Amt. 0–8 (31)	Cloud: Lowest layer Ht. † (32)	09h. State of ground † (33)
Kew	030	08	56	c	12·2	+01	37	32	5	-	-	8	8	20	-	-	1
London Airport	030	06	50	o	12·1	00	36	33	6	-	-	8	8	15	-	-	1
Tangmere ...	040	06	09	of	11·1	+01	38	36	6	-	-	8	8	07	-	-	1
Bournemouth (Hurn	070	09	28	c	11·2	−00	37	35	6	-	-	8	8	12	4	06	1
Boscombe Down	050	03	14	o	12·3	+01	35	34	6	-	-	8	8	02	-	-	1
Felixstowe ...	070	13	58	c	12·7	+01	36	34	5	-	-	7	7	35	-	-	1
Gorleston ...	090	10	58	c	14·4	−08	36	32	5	-	-	8	8	28	-	-	0
West Raynham	040	05	58	c	13·5	−07	32	30	5	-	-	8	8	13	-	-	1
Mildenhall ...	050	07	48	c	13·1	−08	33	30	5	-	-	8	8	14	-	-	1
Cranfield ...	030	08	18	c	13·3	−02	33	30	5	-	-	8	8	30	-	-	5
Elmdon ...	050	06	56	c	14·0	−05	34	30	5	-	-	8	8	17	-	-	5
Cottesmore ...	050	11	37	c	14·8	−06	33	30	5	-	-	8	8	14	-	-	6
Watnall ...	060	08	50	c	15·0	−03	34	32	5	-	-	8	8	14	-	-	5
Ross-on-Wye ...	050	04	24	o	13·2	00	35	32	6	-	-	8	8	06	-	-	1
Shawbury ...	090	07	58	c	14·7	−03	35	31	5	-	-	8	8	17	-	-	5
Bristol	030	10	14	cd.	12·9	−03	34	34	6	-	-	8	8	01	-	-	5
Plymouth ...	100	07	27	b	10·4	+04	40	39	-	-	2	2	-	-	-	-	1
Chivenor ...	090	10	48	o	11·2	00	39	36	6	-	-	8	8	10	-	-	1
St. Eval... ...	120	08	63	b	09·8	−01	40	39	5	-	-	2	2	25	-	-	1
Culdrose ...	060	10	20	c	10·0	+06	43	43	6	-	-	7	7	12	3	08	1
Scilly, St. Mary's	130	07	82	b	07·6	+13	46	42	8	-	-	2	2	14	-	-	2
Guernsey ...	020	06	57	c	09·5	−01	43	41	5	7	2	7	4	40	-	-	2
Aberporth ...	110	09	48	c	12·1	−03	37	33	5	7	-	8	5	33	1	15	1
Pembroke Dock	070	08	56	o	11·7	+03	38	35	6	-	-	8	8	13	-	-	1
Holyhead (Valley)	050	14	48	c	13·1	−03	38	35	-	7	-	7	-	-	7	58	1
Manchester ...	020	02	60	bc	15·0	00	37	31	5	3	-	5	2	30	-	-	1
Squires Gate ...	080	10	59	c	15·3	−06	38	33	5	-	-	7	7	27	-	-	1
Silloth	140	10	66	bc	17·5	−08	35	33	5	3	5	5	2	40	-	-	1
Lindholme ...	360	08	59	c	15·5	−06	37	35	5	-	-	7	7	24	-	-	0
Spurn Head ...	080	22	58	c	14·7	−06	39	32	-	1	-	8	-	-	8	59	0
Dishforth ...	010	08	61	c	16·6	−07	38	33	5	-	-	8	8	20	-	-	1
Tynemouth ...	090	13	61	c	18·3	−11	40	33	5	-	-	8	8	36	-	-	1
Leuchars ...	030	06	66	c	19·9	−13	37	32	5	-	-	8	8	31	-	-	1
Eskdalemuir ...	050	04	63	bc	18·8	−08	33	29	5	-	-	5	5	15	-	-	1
Prestwick ...	040	05	74	c	18·7	−10	36	30	5	3	2	6	5	50	1	28	0
West Freugh ...	060	06	68	bc	17·3	−08	33	31	-	3	1	5	-	-	4	64	3
Ronaldsway ...	030	10	68	c	15·8	−04	38	35	5	3	-	7	2	56	-	-	0
Tiree	050	07	89	b	19·8	−05	29	27	-	-	-	0	-	-	-	-	3
Benbecula ...	020	08	89	b	20·7	−09	31	31	5	-	-	1	1	35	-	-	0
Stornoway ...	~	0	86	b	21·3	−11	30	29	5	-	-	1	1	30	-	-	1
Cape Wrath ...	180	02	83	b	20·8	−14	38	30	-	-	-	0	-	-	-	-	3
Sule Skerry ...	270	02	82	c	20·7	−11	42	37	6	-	-	6	6	20	-	-	0
Renfrew ...	060	06	63	c	19·6	−13	38	31	5	-	-	8	8	27	-	-	0
Dyce	—	0	66	c	21·3	−10	35	33	5	3	-	7	6	28	-	-	1
Wick	270	05	82	bc	21·0	−12	30	28	5	-	-	3	3	30	-	-	1
Lerwick ...	240	16	74	c	17·5	−24	43	41	5	-	-	8	8	15	-	-	1
Blacksod Point	270	09	71	c	16·4	−02	41	36	5	-	-	7	7	45	2	25	0
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	060	09	66	c	17·2	−07	32	30	5	7	-	7	2	35	-	-	1
Castle Archdale	080	15	74	c	16·2	−12	37	32	5	7	2	7	5	50	-	-	1
Birr Castle ...	060	05	66	c	14·3	−02	39	34	5	-	-	8	8	29	-	-	1
Collinstown ...	080	16	74	c	14·8	−04	40	33	5	-	-	8	8	25	-	-	1
Rineanna ...	050	10	66	c	14·2	−01	39	36	5	-	-	8	8	38	2	25	1
Valentia ...	050	10	58	o	13·3	+02	41	37	6	-	-	8	8	10	-	-	1
Middleton ...	020	12	66	o/r	11·7	−03	40	37	6	-	-	8	8	15	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature: 21h.–06h. Min. °F. (41)	Temperature: 21h.–06h. Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	c m.	c m.	35	35	-
London Airport	c m m.	c ir. m.	35	33	Tr
Tangmere ...					
Bournemouth (Hurn	c m of	of c m	37	36	-
Boscombe Down	c m c ir. m c m.	c m	37	36	Tr
Felixstowe ...	of e o m	o m c m	34	33	Tr
Gorleston ...	c m.	c m.	36	33	-
West Raynham	c m.	c m. o m.	34	33	-
Mildenhall ...	c b m.	b c m.	30	23	-
Cranfield ...	c m.	c m.	32	30	-
Elmdon ...	c m. m	c m m.	32	30	-
Cottesmore ...	c m. o m.	c m.	33	32	1
Watnall ...	c m. b m.	c m.	31	28	-
Ross-on-Wye ...	c m.	c m. c m	34	31	-
Shawbury ...	c m.	o m.	34	33	-
Bristol	c m.	cr. s m. c m.	35	33	Tr
Plymouth ...	o c d. o	o i r. i d m	34	32	Tr
Chivenor ...	c r o r. c m.	c d o d. b c c m.	39	35	0·1
St. Eval... ...	c m.	c m.	39	35	-
Culdrose ...	o r o r. c h c b	b b c c o c	37	30	Tr
Scilly, St. Mary's	o c b c	b c	40	*	-
Guernsey ...	c	c	42	35	-
Aberporth ...	c c m.	c m.	37	34	-
Pembroke Dock	c i r. m.	c m.	36	34	0·5
Holyhead (Valley)	c m.	c m.	37	35	-
Manchester ...	c	c b c c	36	32	-
Squires Gate ...	c 2. c m.	c m.	37	33	-
Silloth	c	c b c c	33	30	-
Spurn Head ...	o	o c o	38	*	-
Dishforth ...	c	c c m.	36	32	-
Tynemouth ...	c	c	38	37	-
Leuchars ...	c i r o c	c	37	35	Tr
Eskdalemuir ...	c	b c	32	30	-
Prestwick ...	c b c c	c	33	29	-
West Freugh ...	c b c	b c	32	25	-
Ronaldsway ...	c	c	35	33	-
Silloth	c	c b c c	33	30	-
Lindholme ...	c	c m.	35	33	-
Spurn Head ...	o	o c o	38	*	-
Dishforth ...	c	c c m.	36	32	-
Tynemouth ...	c	c	38	37	-
Leuchars ...	c i r o c	c	37	35	Tr
Eskdalemuir ...	c	b c	32	30	-
Prestwick ...	c b c c	c	33	29	-
West Freugh ...	c b c	b c	32	25	-
Ronaldsway ...	c	c	35	33	-
Tiree	b x	b b c c v x	27	17	-
Benbecula ...	b b x	b x	27	20	-
Stornoway ...	b c b x	b x	27	17	-
Cape Wrath ...	b	b c	36	32	-
Sule Skerry ...	*	*	41	32	-
Renfrew ...	c m.	c	37	35	-
Dyce	c m. c	c c m.	31	26	-
Wick	b f c x	b x	27	22	-
Lerwick ...	c	c p r. p h c	39	34	0·5
Blacksod Point	c	c	39	37	-
Malin Head ...	*	*	33	*	-
Aldergrove ...	c 2. c	c	32	30	-
Castle Archdale	c	c	34	31	-
Birr Castle ...	r	c	38	36	0·2
Collinstown ...	r	p	40	38	-
Rineanna ...	r	r	38	37	0·3
Valentia ...	r	r	40	38	0·1
Middleton ...	r	r	40	39	0·1

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F Air	Temp.: °F Sea	Temp.: °F Dew Point	Visibility †	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LE VERRIER	52° 18′	26° 24′	1021	−02	020	14	bc	bc	48	51	37	98	8	-	-	4	4	8
WEATHER OBSERVER	59° 12′	19° 30′	1027	−05	040	08	c	c	47	48	42	98	5	-	-	7	7	3
CUMULUS	65° 54′	02° 30′E	1008	−05	320	19	c	p	37	46	36	88	8	-	-	6	6	8
CIRRUS	44° 54′	16° 00′	1015	+02	340	18	c	bc	50	51	48	70	8	-	-	7	7	13
WEATHER EXPLORER	62° 00′	33° 00′	1029	−14	280	11	o	f	35	41	35	96	6	-	-	8	8	5
U.S. SHIP 'C'	52° 48′	35° 30′	1015	−14	090	34	o	c	46	45	42	99	-	2	-	0	8	9½
U.S. SHIP 'D'	44° 00′	41° 00′	983	−39	140	24	c/r	r	61	58	58	63	-	7	-	0	7	11
GOLFITO	41° 42′	20° 18′	1018	−10	150	09	cir.	bc	56	60	46	98	5	2	-	3	8	1½
MANCHESTER CITY	49° 18′	18° 42′	1017	00	360	13	c	bc	50	54	39	98	1	3	9	4	6	*
MEDIA	50° 54′	17° 24′	1017	−10	010	13	c	c	48	54	44	98	3	4	9	5	7	*

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F Air	Temp.: °F Sea	Temp.: °F Dew Point	Visibility †	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LE VERRIER	52° 18′	20° 24′	1020	−20	020	16	bc	b	50	51	41	98	8	-	-	4	4	8
WEATHER OBSERVER	59° 12′	19° 36′	1025	−12	-	0	c	c	48	48	42	98	5	-	-	8	8	3
POLAR FRONT	65° 54′	02° 24′E	1012	+16	020	23	pk	p	37	44	30	98	9	-	-	7	7	6½
CIRRUS	44° 54′	16° 00′	1015	−05	330	15	c	c	54	57	48	70	8	-	-	6	6	11
WEATHER EXPLORER	62° 00′	33° 00′	1026	−11	270	17	bc	f	36	41	35	97	6	-	1	2	3	5
U.S. SHIP 'C'	52° 48′	35° 30′	1012	−10	070	32	o	p	47	46	43	69	-	2	-	0	8	14
U.S. SHIP 'D'	44° 00′	41° 00′	979	−19	140	15	bc	bc	60	60	58	69	1	1	-	1	3	9½
PIPIRIKI	44° 42′	08° 48′	1007	xx	310	06	o	c	52	56	43	99	6	-	-	8	8	3
GOLFITO	40° 36′	22° 06′	1012	−20	190	07	c/d	c	60	61	60	97	5	-	-	8	8	1½
REGENT ROYAL	46° 36′	18° 12′	1018	00	020	06	c	bc	52	56	43	98	8	-	5	3	6	8

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*Information not usually received.

† Code figure (see Introduction)

No. 34015

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Saturday 8th January 1955

OBSERVATIONS at 12h. G.M.T. 7th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer Ht. † (16)
Kew	030	09	20	0	13·0	-02	36	30	6	-	-	8	8	15	-	-
London Airport	020	06	40	c	12·9	+00	35	31	5	-	-	8	8	18	4	12
Tangmere	020	11	17	c	11·9	-03	38	34	6	7	-	7	7	58	6	10
Bournemouth (Hurn	030	09	33	c	12·4	+01	38	33	6	-	-	8	8	20	7	08
Boscombe Down	040	05	26	c	13·5	+01	34	32	6	-	-	8	8	12	4	07
Felixstowe	040	10	50	0	12·8	-02	36	33	6	-	-	8	8	15	-	-
Gorleston	070	10	48	c	13·9	-05	38	31	5	-	-	8	8	20	-	-
West Raynham	070	13	58	c	13·6	-05	34	30	5	-	-	8	8	20	5	15
Mildenhall	050	06	48	0	13·3	-05	39	32	6	-	-	8	8	10	-	-
Cranfield	060	06	57	c	13·7	-02	33	29	6	-	-	8	8	20	-	-
Elmdon	060	06	48	c	14·3	-06	35	31	5	-	-	8	7	17	-	-
Cottesmore	030	10	48	c	14·7	-07	34	33	5	-	-	8	8	12	-	-
Watnall	040	10	21	0	15·2	-02	37	35	5	-	-	8	8	30	5	15
Ross-on-Wye	060	06	24	0	14·1	+00	35	29	6	-	-	8	8	10	-	-
Shawbury	070	03	50	c	14·9	-06	37	33	5	-	-	8	8	30	2	20
Bristol	030	10	24	c	13·8	+00	35	32	6	-	-	8	8	08	6	05
Plymouth	100	08	27	c	11·9	-02	41	38	5	-	-	8	8	56	1	10
Chivenor	150	10	48	c	13·2	+03	40	33	5	-	-	8	8	18	-	-
St. Eval	030	04	56	c	12·3	+06	41	39	-	3	-	6	-	-	6	59
Cuidrose	080	12	15	c	12·5	+04	43	43	6	-	-	7	6	12	6	06
Scilly, St. Mary's	100	12	61	c	11·2	+11	47	44	8	-	-	7	7	18	-	-
Guernsey	020	10	07	ido	10·5	+00	46	45	6	-	-	8	8	01	-	-
Aberporth	070	05	58	c	13·9	+04	38	32	5	-	-	8	8	56	2	12
Pembroke Dock	060	09	56	c	13·8	+06	38	35	5	-	-	8	8	30	-	-
Holyhead (Valley)	070	12	56	c	14·0	+01	40	33	5	-	-	7	3	50	-	-
Manchester	060	11	56	c	15·0	-06	40	32	5	3	-	7	6	17	-	-
Squires Gate	080	14	56	c	15·5	-03	40	34	5	-	5	7	7	50	1	18
Silloth	070	10	57	c	17·0	-03	38	36	5	-	-	8	8	35	-	-
Lindholme	020	11	57	c	15·6	-05	39	36	6	-	-	8	8	30	6	20
Spurn Head	080	20	58	c	15·1	-06	40	36	5	-	-	8	8	15	-	-
Dishforth	020	08	63	c	16·7	-05	39	34	5	7	-	7	3	25	-	-
Tynemouth	100	12	66	c	18·2	-05	40	34	5	7	-	7	5	36	-	-
Leuchars	020	07	62	ido	19·2	-05	38	34	5	-	-	8	8	32	3	25
Eskdalemuir	050	04	66	c	18·3	-06	35	31	5	3	-	7	3	20	-	-
Prestwick	030	08	48	c	18·2	-05	36	32	-	3	2	6	-	-	5	60
West Freugh	070	11	74	c	16·9	-06	39	34	-	3	-	7	-	-	7	60
Ronaldsway	090	13	62	c	16·2	-01	40	35	5	-	-	8	8	56	1	25
Tiree	060	06	89	b	20·2	+00	33	28	2	-	8	2	1	28	-	-
Benbecula	050	02	89	b	20·5	-03	35	31	5	-	-	1	1	35	-	-
Stornoway	-	0	40	bc	20·5	-14	35	33	5	3	-	5	4	40	1	14
Cape Wrath	230	05	83	c	19·4	-03	37	32	8	-	-	7	7	25	-	-
Sule Skerry	270	09	82	bc	18·4	-06	43	39	8	-	-	5	5	15	-	-
Renfrew	050	08	28	c	19·0	-07	39	31	5	3	1	7	6	30	-	-
Dyce	340	02	63	c	20·4	-04	35	32	5	-	-	7	7	26	-	-
Wick	270	08	89	c	19·3	-14	35	31	5	-	-	7	7	30	-	-
Lerwick	310	08	81	c/pr	15·8	-08	41	36	9	6	2	6	4	20	-	-
Blacksod Point	050	05	80	c	17·4	+01	40	35	5	-	1	7	6	49	2	35
Malin Head	090	02	76	c	18·4	-02	41	33	2	-	-	6	6	21	-	-
Aldergrove	010	05	66	c	17·8	+03	37	32	5	7	-	7	5	30	-	-
Castle Archdale	010	06	70	c	17·7	-03	39	34	5	3	2	6	1	18	-	-
Birr Castle	050	04	66	c/r	15·3	00	40	35	5	3	-	6	4	50	1	35
Collinstown	080	12	62	ir	15·6	-01	41	34	5	-	-	8	8	14	5	22
Rineanna	050	10	64	ir	15·4	+01	41	38	5	-	-	8	8	30	3	20
Valentia	-	0	56	c	14·1	+03	42	38	6	7	-	8	8	21	-	-
Midleton	040	15	56	0	13·8	+05	42	38	6	-	-	8	8	13	-	-

OBSERVATIONS at 18h. G.M.T. 7th January 1955

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	010	06	34	0	12·2	-01	35	30	6	-	-	8	8	10	-	-	1
London Airport	020	06	28	c	12·2	-03	35	30	5	-	-	8	8	18	5	13	1
Tangmere	020	12	13	c	12·0	+03	35	30	6	-	-	8	8	13	6	07	1
Bournemouth (Hurn	040	07	66	0	12·2	+01	34	30	6	-	-	8	8	11	-	-	1
Boscombe Down	040	06	32	c	13·7	00	33	30	6	-	-	8	8	12	4	07	1
Felixstowe	020	09	39	0	11·7	-06	35	32	6	-	-	8	8	17	-	-	0
Gorleston	050	15	48	0	12·7	-01	36	33	6	-	-	8	8	15	-	-	0
West Raynham	050	11	48	c	12·3	-06	35	32	5	-	-	8	8	15	-	-	1
Mildenhall	080	08	40	0	12·4	-03	39	32	6	-	-	8	8	10	-	-	1
Cranfield	040	07	23	c	12·8	00	33	30	5	-	-	8	8	12	-	-	5
Elmdon	030	04	26	c	13·5	-01	36	34	6	-	-	8	7	12	5	09	5
Cottesmore	030	09	58	c	13·6	-03	35	32	5	-	-	8	8	18	-	-	6
Watnall	030	10	48	c	14·3	00	36	33	6	-	-	7	7	29	-	-	5
Ross-on-Wye	360	05	12	0	13·6	+03	37	31	6	-	-	8	8	10	-	-	1
Shawbury	060	05	40	c	14·6	+01	37	32	5	-	-	8	8	26	5	17	1
Bristol	020	06	32	c	13·5	-01	35	32	5	-	-	8	8	15	2	10	1
Plymouth	120	04	19	c	12·4	+07	39	37	6	-	-	8	8	30	6	14	1
Chivenor	090	03	48	c	13·4	+05	38	33	5	-	-	8	8	20	-	-	1
St. Eval	080	05	33	c	12·5	+07	39	38	6	-	-	7	7	18	5	09	1
Cuidrose	360	04	30	5c	12·8	+08	41	39	6	-	-	7	6	20	4	12	1
Scilly, St. Mary's	040	03	48	c	11·6	+02	45	43	5	-	-	7	7	12	-	-	1
Guernsey	010	12	18	o/d	11·0	+02	42	41	6	-	-	8	8	04	-	-	1
Aberporth	080	04	32	bc	14·0	+05	34	31	5	-	-	5	5	45	-	-	3
Pembroke Dock	070	04	56	c	14·0	+04	37	32	5	-	-	8	8	35	-	-	1
Holyhead (Valley)	050	01	37	c	14·1	+01	38	35	-	3	-	7	-	-	7	60	1
Manchester	060	07	37	c	14·7	+03	38	30	5	-	-	7	7	27	-	-	1
Squires Gate	080	07	32	c	15·3	-01	38	33	5	-	-	8	8	50	2	25	1
Silloth	050	08	48	c	16·5	-00	36	35	5	-	-	8	8	30	-	-	1
Lindholme	010	09	63	c	14·8	-03	38	34	5	-	-	7	7	24	-	-	0
Spurn Head	050	16	58	c	13·9	-08	39	36	5	-	-	7	7	20	-	-	0
Dishforth	350	06	61	c	15·5	-04	38	33	5	-	-	8	8	27	-	-	1
Tynemouth	090	12	61	c	16·3	-07	41	33	5	-	-	8	7	32	-	-	1
Leuchars	340	03	56	c	17·8	-07	37	33	5	-	-	8	8	34	3	22	1
Eskdalemuir	-	0	66	c	17·3	-01	32	30	5	-	-	7	7	28	-	-	5
Prestwick	040	09	24	c	17·0	-02	37	32	5	-	2	6	5	28	-	-	0
West Freugh	050	03	58	c	16·2	-00	35	32	-	3	-	7	-	-	7	59	3
Ronaldsway	100	08	56	c	15·8	00	40	34	5	3	-	7	4	22	-	-	1
Tiree	050	07	85	b	18·7	-04	27	25	5	-	-	2	2	30	-	-	3
Benbecula	-	0	87	b	18·7	-09	33	33	5	3	-	2	1	25	-	-	3
Stornoway	280	04	80	c	18·3	-07	35	33	5	-	-	7	7	40	-	-	1
Cape Wrath	230	05	83	c	16·0	-19	38	35	8	7	-	6	4	25	-	-	2
Sule Skerry	320	05	82	pr	16·0	-11	42	40	8	-	-	6	6	15	-	-	1
Renfrew	050	07	23	c	17·7	-03	38	32	5	-	-	7	7	35	2	22	1
Dyce	-	0	48	b	18·2	-08	28	27	5	-	1	1	1	35	-	-	3
Wick	250	06	89	c	16·3	-16	37	30	5	-	-	7	7	56	-	-	1
Lerwick	340	01	74	c	14·1	-09	37	35	5	-	-	7	7	21	-	-	1
Blacksod Point	060	05	70	c	16·6	-01	40	35	5	-	-	7	7	35	2	21	
Malin Head	090	02	58	c	17·5	-04	40	35	2	-	-	6	3	21	-	-	
Aldergrove	030	03	61	bc	16·5	-04	33	31	5	-	-	4	4	35	-	-	1
Castle Archdale	060	06	66	c	16·9	-02	35	32	5	3	-	6	5	35	-	-	1
Birr Castle	030	05	66	c	15·5	+04	37	34	6	-	-	7	7	33	7	19	
Collinstown	070	07	48	c	15·3	+01	40	34	5	-	-	7	7	25	3	21	
Rineanna	040	09	59	c	15·4	+01	39	36	5	-	-	8	8	25	-	-	
Valentia	-	0	59	c	14·0	+03	41	39	6	-	-	7	7	35	2	22	
Midleton	030	05	56	c	14·1	+02	41	38	6	-	-	9	8	12	4	00	

OBSERVATIONS during DAY

Stations	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cm. 2.	c2. cm. 2.	36	0·0	-
London Airport	cm.	cm.	36	*	-
Tangmere	cm	cm	38	0·0	-
Bournemouth (Hurn	cm c m.	cm.	37	*	-
Boscombe Down	cm.	cm.	35	0·0	-
Felixstowe	cm.	cm. c cm.	36	0·0	-
Gorleston	cm.	cm.	37	0·0	-
West Raynham	c m. 2. m.	cm.	36	0·0	-
Mildenhall	cm.	cm.	36	0·0	Tr
Cranfield	cm.	cm.	34	0·0	-
Elmdon	cm.	cm.	37	0·0	-
Cottesmore	cm.	cm.	35	0·0	-
Watnall	cm.	cm.	38	0·0	-
Ross-on-Wye	c m.	c m.	37	0·0	-
Shawbury	cm	cm.	38	0·0	-
Bristol	cm	cmc	36	0·0	-
Plymouth	c m c l r. c m.	c m. c m.	42	0·0	0·3
Chivenor	cm.	cm.	41	0·2	-
St. Eval	bc m. c m.	bm. cm.	46	3·7	-
Cuidrose	cmc	cmc	45	0·0	-
Scilly, St. Mary's	cpr c	c	49	0·9	0·6
Guernsey	c i d. o f f	c i d. m c	46	0·0	0·1
Aberporth	c m. 2.	c b m. x	38	0·0	-
Pembroke Dock	cm.	cm.	39	0·0	-
Holyhead (Valley)	cm. c 2.	cm.	40	1·2	-
Manchester	c	c	41	0·0	-
Squires Gate	cm.	cm.	40	0·0	-
Silloth	c m.	cm.	38	0·0	-
Lindholme	cm. c	c	40	0·0	-
Spurn Head	o c	c	40	0·0	-
Dishforth	c m. c	c e m.	40	0·0	-
Tynemouth	c	c	41	0·0	-
Leuchars	c i d. o m.	c c d. o m.	39	0·0	0·3
Eskdalemuir	b c c	c	35	0·0	-
Prestwick	c m.	b c m.	39	2·0	-
West Freugh	c	c	40	0·8	-
Ronaldsway	c	c c w	40	0·0	-
Tiree	c b c v x b	b c v b x	37	3·0	-
Benbecula	b x b	b c b c x b x	41	5·7	-
Stornoway	b c c	b c c c p r.	40	2·3	0·1
Cape Wrath	c p r	c p r	42	*	1
Sule Skerry			45	*	2
Renfrew	c 2.	c 2.	40	0·0	-
Dyce	c m. b c	b m. x	35	0·4	-
Wick	c v	c b c x	37	0·3	-
Lerwick	c p r.	c p r. c	42	0·6	0·5
Blacksod Point	c	c	41	0·1	-
Malin Head	c	c	41	0·0	-
Aldergrove	c	c l c c x	38	0·0	-
Castle Archdale	c b c	c	41	3·9	-
Birr Castle	r	c	42	0·2	Tr
Collinstown	r	r	41	0·0	Tr
Rineanna	r	r	42	0·0	Tr
Valentia	d	c	44	0·0	Tr
Midleton	r	c	43	0·0	Tr

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LEVERRIER	52° 18′	20° 30′	1019	-11	040	14	bc	c	48	50	39	98	1	4	-	5	5	8
WEATHER OBSERVER	59° 0′	19° 30′	1024	-06	280	03	c	p	47	48	40	99	8	-	-	7	7	1½
CIRRUS	46° 0′	16° 6′	1016	+03	020	03	bc	p	54	55	46	70	2	-	2	2	4	9½
POLAR FRONT	66° 54′	02° 0′ E	1014	+08	010	22	S.S.	p	36	41	30	95	-	-	-	9	9	6½
WEATHER EXPLORER	61° 48′	32° 42′	1024	-04	300	18	c	bc	39	41	36	98	5	4	-	7	7	5
U.S. SHIP "C"	52° 48′	35° 30′	1009	-10	090	35	ir.	d	48	45	45	67	7	2	-	2	8	9½
U.S. SHIP "D"	44° 0′	41° 0′	981	+24	180	13	c	c	61	61	57	65	3	4	2	3	6	8
CAYTON	50° 30′	38° 12′	998	-04	100	40	SC	r	53	56	52	96	7	-	-	8	8	21
SAMANCO	40° 54′	23° 6′	1010	-03	180	20	RR	c	61	64	60	96	7	-	-	8	8	6½
REGENT HAWK	42° 30′	18° 30′	1017	+00	170	04	c	bc	55	58	51	98	5	2	-	2	8	1

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	59° 12′	19° 24′	1021	-11	270	06	c	p	45	48	38	98	2	3	-	4	7	5
LEVERRIER	52° 6′	20° 24′	1016	-10	040	10	c	c	48	49	41	97	8	6	-	5	6	6½
POLAR FRONT	65° 54′	01° 42′ E	1015	+00	020	17	bc	c	34	40	23	99	9	6	-	4	5	6½
CIRRUS	45° c	16° 0′	1014	00	-	0	c	c	54	55	46	70	5	7	-	1	7	6½
REGENT HAWK	41° 48′	19° 18′	1010	-32	140	13	SC	r	57	58	56	97	7	2	-	5	8	3
ARAK KA	42° 30′	29° 54′	1001	+10	190	24	b	b	63	62	60	97	-	3	-	0	2	11
RAMORE HEAD	55° 0′	14° 6′	1017	-07	090	18	c	c	46	52	42	98	9	-	-	7	8	-
U.S. SHIP "C"	52° 48′	35° 30′	1004	-17	090	30	c	c	48	46	41	69	-	7	-	6	8	11
U.S. SHIP "D"	44° 0′	41° 0′	977	-05	140	14	b	bc	60	62	56	68	-	-	2	0	2	14
WEATHER EXPLORER	61° 48′	32° 36′	1024	+01	010	12	c	c	36	42	30	98	5	-	-	7	7	5

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Friday 7th January

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder = Fog = Mist

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.

Mean Sea surface Isotherms for JANUARY are shown thus —50—

1800h. YESTERDAY

0000h. TODAY.

0600h. TODAY.

All times are G.M.T.

GENERAL SYNOPTIC DEVELOPMENT :-

The ridge of high pressure now covers much of the country and is still moving slowly southwards. A depression near Iceland is moving southeastwards and its cold front is expected to begin moving southeast across Scotland late tonight or tomorrow morning.

Issued a~~mid-day~~ today Saturday 8th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Over England and Wales it will be dry but cloudy at first. However the cloud is expected to break up, with some areas of fog developing tonight and clearing only slowly tomorrow morning. In Scotland and Northern Ireland it will be mainly cloudy but there will be some bright periods. Scattered showers of rain or sleet will occur in the north and west with snow on high ground, and more general rain or snow will spread southeast across Scotland later. It will be cold with frost in many places tonight.

OUTLOOK FOR following 24 hours :-

Some rain or snow in northern districts. Fog at times in the South.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 8th January, 1955.

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form † Low (9)	Form † Medium (10)	Form † High (11)	Cloud: † Total amount 0–8 (12)	Main layer: Amt. 0–8 (13)	Main layer: † Ht. (14)	Lowest layer: Amt. 0–8 (15)	Lowest layer: † Ht. (16)
Kew	18	*	*	*	*	*	*	35	*	*	*	*	*	*	*	*	*
London Airport	82	040	07	56	c	12·5	·00	35	31	6	–	–	8	8	10	–	–
Tangmere	53	020	11	14	o	12·2	·05	34	31	6	–	–	8	8	10	–	–
Bournemouth (Hurn	34	040	07	60	c	12·7	·01	34	29	5	–	–	8	8	16	–	–
Boscombe Down	414	050	08	40	c	13·7	00	33	31	5	–	–	8	8	12	–	–
Felixstowe ...	10	030	10	48	c	12·10	·02	36	31	5	–	–	8	8	14	–	–
Gorleston ...	5	050	11	58	c	13·6	·02	36	31	5	–	–	7	7	21	–	–
West Raynham	250	050	12	48	c	13·2	00	35	31	5	–	–	8	8	16	–	–
Mildenhall ...	15	050	05	56	c	13·7	+07	36	34	5	–	–	7	7	16	–	–
Cranfield ...	340	060	12	37	c	13·0	·02	34	31	6	–	–	8	8	15	8	10
Elmdon ...	324	030	06	48	c	13·9	·01	36	33	5	–	–	8	8	20	–	–
Cottesmore ...	440	030	08	80	c	14·0	·02	35	32	5	–	–	8	8	18	–	–
Watnall ...	366	030	08	50	c	14·3	·03	36	33	5	–	–	8	8	25	–	–
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	050	08	37	c	14·7	·05	35	33	5	–	–	7	7	30	–	–
Bristol	192	040	06	48	c	13·4	·01	36	33	5	–	–	8	8	15	–	–
Plymouth ...	90	080	06	24	c	13·5	+00	37	33	6	–	–	7	7	19	–	–
Chivenor ...	20	–	0	32	c	14·1	·02	33	31	5	–	–	7	7	25	–	–
St. Eval... ...	336	040	07	37	c	14·1	+03	36	34	5	–	–	7	7	56	2	10
Culdrose ...	260	040	07	40	c	13·8	·01	40	37	5	–	–	8	8	12	–	–
Scilly, St. Mary's	158	050	04	58	c	13·0	·02	44	38	5	–	–	7	7	12	–	–
Guernsey ...	340	350	08	32	0	12·2	00	39	30	6	–	–	8	8	08	–	–
Aberporth ...	375	–	0	40	b	14·4	·05	29	26	–	–	–	0	–	–	–	–
Pembroke Dock	34	060	02	48	b	14·2	·04	33	31	–	–	–	0	–	–	–	–
Holyhead (Valley)	32	070	02	28	c	14·5	·01	35	32	–	3	–	7	–	–	7	60
Manchester ...	248	050	06	57	c	14·6	·08	37	31	5	–	–	7	7	25	1	18
Squires Gate ...	33	010	02	40	c	15·2	·06	36	32	5	–	–	8	8	56	–	–
Silloth	25	070	04	58	c	16·3	·06	33	32	5	–	–	7	7	40	–	–
Lindholme ...	21	350	10	61	c	14·6	·05	37	35	5	–	–	7	7	30	–	–
Spurn Head ...	29	070	15	66	c	14·4	·03	39	36	5	–	–	7	7	20	–	–
Dishforth ...	105	330	06	40	c	15·4	·08	37	34	5	–	–	8	8	30	–	–
Tynemouth ...	108	070	06	63	c	16·1	·09	41	33	5	–	–	8	8	36	–	–
Leuchars ...	36	270	03	56	c	16·8	·09	33	30	5	7	–	1	1	35	–	–
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	090	03	34	c	16·7	·07	34	31	5	3	–	7	4	50	1	30
West Freugh ...	50	070	08	56	c	15·3	·10	35	33	–	3	–	7	–	–	7	61
Ronaldsway ...	55	110	06	58	c	15·6	·02	39	34	5	–	–	8	8	29	4	19
Tiree	29	–	0	74	b	17·5	·07	32	27	–	–	–	0	–	–	–	–
Benbecula ...	18	190	05	83	b	17·1	·12	33	31	8	–	–	1	1	25	–	–
Stornoway ...	10	240	07	80	b	16·1	·10	35	34	5	–	–	2	1	25	–	–
Cape Wrath ...	367	230	09	88	prs.	14·7	·13	40	38	3	6	–	5	3	25	–	–
Sule Skerry ...	43	270	02	82	bc	14·4	·09	42	36	3	–	–	3	3	15	–	–
Renfrew ...	28	040	02	19	c	17·1	·07	38	32	5	–	–	7	7	35	–	–
Dyce	185	300	02	89	c	16·2	·16	32	26	–	3	–	7	–	–	7	62
Wick	119	270	11	87/86	b	15·0	·10	32	31	2	3	–	2	1	20	–	–
Lerwick ...	269	–	0	82	c	18·3	·07	33	32	5	–	–	7	7	56	–	–
Blacksod Point	18	110	04	71	c	16·0	·06	38	34	5	–	–	7	7	49	2	25
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	050	04	32	c	16·3	·03	27	25	–	3	–	7	–	–	7	59
Castle Archdale	225	–	0	60	c	16·4	·07	32	31	5	–	–	7	7	40	–	–
Birr Castle ...	231	050	04	56	c	15·2	·04	33	32	5	–	–	7	7	39	–	–
Collinstown ...	226	070	08	62	c	15·2	·06	40	34	5	–	–	7	7	30	–	–
Rinneanna ...	10	080	03	58	bc	15·1	·05	32	30	5	–	–	4	4	25	–	–
Valentia ...	30	–	0	58	b	14·4	·02	35	33	5	–	–	2	2	38	–	–
Midleton ...	30	080	04	56	c	14·5	·05	40	37	6	–	–	8	8	40	5	15

OBSERVATIONS at 06h. G.M.T. 8th January, 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form † Low (25)	Form † Medium (26)	Form † High (27)	Cloud: † Total amount 0–8 (28)	Main layer: Amt. 0–8 (29)	Main layer: † Ht. (30)	Lowest layer: Amt. 0–8 (31)	Lowest layer: † Ht. (32)	09 h. State of ground † (33)
Kew	050	06	59	0	12·4	·08	35	28	6	–	–	8	8	10	–	–	1
London Airport	060	06	63	c	12·1	·08	35	28	5	–	–	8	8	17	–	–	1
Tangmere	030	03	17	0	12·2	·03	35	31	6	–	–	8	8	12	–	–	1
Bournemouth (Hurn	–	0	60	c	12·5	+06	35	31	5	–	–	8	8	12	–	–	1
Boscombe Down	–	0	32	c	13·7	+01	34	30	6	–	–	8	8	12	3	08	1
Felixstowe ...	030	09	57	c	11·8	·05	35	31	5	–	–	8	8	18	–	–	0
Gorleston ...	040	11	62	c	12·7	·02	36	31	5	–	–	8	8	21	–	–	0
West Raynham	050	05	56	c	12·8	+04	33	30	5	3	–	7	3	17	–	–	1
Mildenhall ...	090	06	60	c	12·2	·06	35	31	5	–	–	8	8	17	–	–	1
Cranfield ...	040	02	48	0	12·7	·02	33	30	6	–	–	8	8	12	–	–	5
Elmdon ...	010	02	32	c	13·1	·06	35	33	5	–	–	7	7	19	–	–	5
Cottesmore ...	030	06	59	c	13·5	·05	34	32	5	–	–	7	7	20	–	–	6
Watnall ...	020	03	50	c	14·1	·03	35	33	5	–	–	8	8	25	–	–	1
Ross-on-Wye ...	040	03	34	c	13·2	·03	36	30	5	–	–	8	8	20	–	–	1
Shawbury ...	350	02	40	c	14·0	·07	34	32	5	–	–	7	7	25	–	–	1
Bristol	–	0	56	c	13·4	+04	35	31	5	–	–	8	8	20	–	–	1
Plymouth ...	060	02	30	c	13·8	·04	37	32	5	–	–	8	8	16	–	–	1
Chivenor ...	–	0	26	c	14·1	·02	35	33	5	–	–	8	8	23	–	–	1
St. Eval... ...	060	02	56	c	13·8	·05	36	33	5	–	–	8	8	18	–	–	1
Culdrose ...	070	05	56	c	13·7	·07	37	34	5	–	–	7	6	25	4	18	1
Scilly, St. Mary's	–	0	58	bc	12·3	·05	39	37	5	–	–	4	4	12	–	–	1
Guernsey ...	330	10	56	c	12·7	·02	38	34	5	–	–	8	8	14	–	–	1
Aberporth ...	–	0	48	c	14·2	·05	29	26	5	–	–	7	7	56	*	–	3
Pembroke Dock	030	03	56	c	14·0	·05	33	30	5	–	–	7	7	40	–	–	3
Holyhead (Valley)	–	0	32	c	13·9	·03	33	29	–	3	–	7	–	–	7	59	1
Manchester ...	–	0	40	c	13·5	·10	33	30	5	–	–	7	7	35	–	–	1
Squires Gate ...	050	02	36	c	13·3	·06	33	32	5	–	–	8	8	56	–	–	1
Silloth	–	0	58	c	15·0	·08	33	33	5	3	–	7	1	40	–	–	1
Lindholme ...	340	05	48	c	13·7	·09	36	35	5	–	–	8	8	28	–	–	0
Spurn Head ...	060	07	63	c	13·5	·08	40	35	5	–	–	7	7	20	–	–	0
Dishforth ...	320	06	40	c	14·1	·08	36	33	5	–	–	8	8	30	–	–	1
Tynemouth ...	050	02	61	id.	14·7	·10	39	34	5	–	–	7	7	36	3	24	1
Leuchars ...	230	05	66	b	14·9	·13	29	26	–	–	–	0	–	–	–	–	3
Eskdalemuir ...	–	0	66	c	14·9	·10	33	32	5	–	–	8	8	22	–	–	5
Prestwick ...	090	03	48	c	14·8	·12	34	30	5	–	–	8	8	42	2	30	0
West Freugh ...	090	05	50	c	14·2	·10	36	33	5	–	–	7	7	31	–	–	1
Ronaldsway ...	–	0	58	c	14·7	·05	34	33	5	3	–	8	6	29	2	18	1
Tiree	–	0	74	b	15·4	·12	33	30	–	–	–	0	–	–	–	–	3
Benbecula ...	180	06	82	c	14·2	·22	35	35	8	–	–	7	4	25	–	–	4
Stornoway ...	210	08	80	c/pr	13·8	·16	35	35	8	–	–	6	5	22	–	–	1
Cape Wrath ...	320	09	82	c	11·4	·23	40	36	8	–	–	7	7	25	–	–	1
Sule Skerry ...	270	02	82	c	11·1	·17	42	37	8	–	–	7	7	15	–	–	2
Renfrew ...	–	0	48	c	15·3	·12	35	32	5	–	–	8	8	40	–	–	0
Dyce	–	0	82	c	14·0	·13	30	29	5	7	–	7	2	50	–	–	3
Wick	270	10	36	bc	12·3	·15	33	30	–	3	5	4	3	56	–	–	1
Lerwick ...	–	0	74	c	11·4	·12	34	33	5	3	7	8	4	57	–	–	1
Blacksod Point	–	0	71	c	14·2	·13	38	35	5	3	–	7	3	25	–	–	0
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Aldergrove ...	350	02	48	c	14·6	·07	29	28	5	–	–	8	7	56	3	40	3
Castle Archdale	–	0	40	c	14·7	·11	33	32	5	–	–	7	7	30	–	–	1
Birr Castle ...	060	02	48	c	13·7	·15	32	31	5	–	–	7	6	35	–	–	1
Collinstown ...	–	0	60	c	14·2	·07	37	34	5	–	–	8	8	38	–	–	1
Rinneanna ...	080	04	40	c	14·2	·11	30	30	5	–	–	7	7	26	–	–	3
Valentia ...	050	04	60	b	12·7	·17	34	32	5	–	–	1	1	56	–	–	1
Midleton ...	–	0	56	c	13·2	·14	38	37	5	–	–	8	8	25	–	–	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h. (9th.) mm (43)
Kew	0₹₀0	0cm₀	34	33	–
London Airport	cm₀c	cm₀	34	33	–
Tangmere	cm	cm	34	33	–
Bournemouth (Hurn	cm₀c	ccm₀	38	32	–
Boscombe Down	cm₀id₀	cm₀	33	32	TR
Felixstowe ...	0m₀cm₀	cm₀	35	34	–
Gorleston ...	0m₀cm₀0m₀	pcm₀	35	34	–
West Raynham	cm₀	cm₀	33	29	–
Mildenhall ...	cm₀	cm₀	34	–	–
Cranfield ...	cm₀	cm₀	32	30	–
Elmdon ...	cm₀	cm₀	33	30	–
Cottesmore ...	cm₀c	ccm₀	34	32	–
Watnall ...	cm₀	cm₀	33	32	–
Ross-on-Wye ...	0m₀0	0	36	34	–
Shawbury ...	cm₀	cm₀	33	30	–
Bristol	c	c	35	33	–
Plymouth ...	cm₀	cm₀	34	28	–
Chivenor ...	cm₀cm₀x	cm₀w	32	25	–
St. Eval... ...	cm₀	cm₀	35	34	–
Culdrose ...	0	cocbcmbm	34	29	–
Scilly, St. Mary's	cbc	cbc	38	*	–
Guernsey ...	c	c	37	36	–
Aberporth ...	bm₀x	cm₀x cx	27	13	–
Pembroke Dock	cm₀bm₀x	bm₀cm₀x	31	22	–
Holyhead (Valley)	cm₀	cm₀	30	26	–
Manchester ...	c	c	31	27	–
Squires Gate ...	cm₀	cm₀	33	31	–
Silloth	cm₀	cm₀w	32	28	–
Lindholme ...	ccm₀	cm₀	36	34	–
Spurn Head ...	c	c	38	*	–
Dishforth ...	cm₀	cm₀	35	34	–
Tynemouth ...	c	eid₀cm₀	38	34	TR
Leuchars ...	bebm₀	bx	28	20	–
Eskdalemuir ...	c	c	32	30	–
Prestwick ...	cm₀	cm₀	32	30	–
West Freugh ...	cw	cm₀ eid₀	32	28	TR
Ronaldsway ...	cwc	c	34	31	–
Tiree	bx	bx	31	16	–
Benbecula ...	bxcpr5₀ir₀	crr bxpr₀	29	23	2
Stornoway ...	cprbx	bcxcpr₀bc	33	29	1
Cape Wrath ...	cphr	bcpr	37	34	TR
Sule Skerry ...	*	*	40	34	1
Renfrew ...	cz₀	cm₀cif	31	27	–
Dyce	cvx	cmvx	30	17	–
Wick	bbcx	bccx	29	25	–
Lerwick ...	ccwx	cx	31	24	–
Blacksod Point	c	c	36	29	–
Malin Head ...	*	*	36	*	–
Aldergrove ...	tbcm₀x	bccm₀x	24	21	TR
Castle Archdale	c	cm₀	30	25	–
Birr Castle ...	c	c	30	26	TR
Collinstown ...	c	c	37	34	–
Rinneanna ...	bc	c	28	24	TR
Valentia ...	c	b	33	30	TR
Midleton ...	c	c	33	30	TR

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F. Air	Temp.: °F. Sea	Temp.: °F. Dew Point	† Visibility	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
WEATHER OBSERVER	59° 6′	19° 24′	1017	-24	300	10	c	p	44	48	39	98	3	7	–	7	7	5
LE VERRIER	52° 12′	20° 6′	1015	-09	050	12	bc	c	52	53	41	98	2	–	–	3	3	6½
POLAR FRONT	65° 48′	00° 42′E	1015	+00	010	22	bc	c	34	39	28	99	9	6	–	3	5	6½
CIRRUS	44° 54′	16° 6′	1012	-18	160	15	c	c	54	55	50	65	5	5	–	7	7	5
WEATHER EXPLORER	61° 42′	32° 42′	1024	00	020	21	bc	bc	38	41	30	98	8	–	–	3	5	5
U.S. SHIP "C"	52° 42′	35° 30′	1003	-07	090	40	r₀6	r	47	46	45	63	6	2	–	8	8	11
U.S. SHIP "D"	44° 0′	41° 0′	975	-12	070	15	c	c	60	61	56	69	–	–	8	7	7	11
CUMULUS	59° 0′	02° 54′E	1012	-08	250	10	c	c	43	44	37	98	9	6	6	3	7	6½
PORT NAPIER	44° 6′	11° 30′	1015	+10	290	05	c	c	54	54	43	99	*	–	–	6	6	1
MARINA	45° 24′	27° 42′	997	+20	180	19	c	bc	59	59	59	98	6	–	–	7	7	–

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F. Air	Temp.: °F. Sea	Temp.: °F. Dew Point	† Visibility	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
WEATHER OBSERVER	59° 6′	19° 18′	1011	-26	290	18	jp	c	44	48	34	98	8	–	–	7	7	3
LE VERRIER	52° 24′	19° 54′	1012	-11	070	08	bc	c	52	53	41	98	5	–	–	5	5	5
POLAR FRONT	65° 48′	01° 48′E	1013	-09	050	16	ps₀	p	34	39	25	99	9	–	–	7	7	6½
CIRRUS	44° 54′	16° 6′	1008	-25	160	18	r₀r₀	c	54	55	48	60	5	2	–	8	8	5
WEATHER EXPLORER	61° 36′	32° 42′	1023	+10	030	22	c	b	37	42	2×	98	5	–	–	3	7	5
U.S. SHIP "C"	52° 24′	34° 24′	999	-26	090	38	r₀r₀	r	46	46	44	63	8	–	–	8	8	11½
U.S. SHIP "D"	44° 0′	41° 0′	976	+27	360	15	c	p	59	62	55	63	2	7	–	6	6	9½
CUMULUS	58° 0′	03° 0′E	1011	-04	300	10	c/pr	c	43	44	39	98	9	4	1	3	7	–
CAIRNAVON	55° 42′	26° 54′	1013	-05	110	02	b	b	46	48	44	99	1	–	–	1	1	3
MARINA	46° 12′	25° 18′	998	+00	160	12	c	c	58	58	57	97	6	3	–	4	7	–

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*Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34016 — Date of Issue. Sunday 9th January, 1955

OBSERVATIONS at 12h. G.M.T. 8th January, 1955

STATIONS (For heights see p. 4)	Wind: Direction. (degree) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low † (9)	Cloud: Form: Medium (10)	Cloud: Form: High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer: Amt. 0–8 (13)	Cloud: Main layer: † Ht. (14)	Cloud: Lowest layer: Amt. 0–8 (15)	Cloud: Lowest layer: † Ht. (16)
Kew	060	06	20	c	13·5	-04	36	27	6	-	-	8	8	10	2	08
London Airport	020	05	30	c	13·7	-01	36	29	5	-	-	8	8	22	-	-
Tangmere	020	02	44	c	13·8	+01	34	30	5	-	-	8	8	15	-	-
Bournemouth (Hurn	030	04	48	c	13·6	+03	36	29	5	-	-	8	8	20	-	-
Boscombe Down	-	0	58	c	15·0	+05	33	27	5	-	-	8	8	12	2	08
Felixstowe	060	6	58	c	13·7	+05	35	30	5	-	-	7	7	18	-	-
Gorleston	090	11	58	c	14·2	+01	35	30	5	-	-	7	7	22	-	-
West Raynham	070	08	66	c	13·9	+01	36	31	5	3	-	7	6	17	-	-
Mildenhall	090	09	50	c	13·7	+01	36	35	5	-	-	7	7	22	-	-
Cranfield	070	11	59	c	13·9	-02	35	29	5	-	-	7	7	22	3	15
Elmdon	020	04	15	c	14·0	-05	37	33	5	-	-	8	8	20	-	-
Cottesmore	060	02	40	c	14·5	+03	35	33	5	-	-	8	8	20	-	-
Watnall	030	02	28	c	14·4	-04	38	34	6	-	-	7	7	30	3	25
Ross-on-Wye	060	05	50	c	13·8	+01	37	30	5	-	-	8	8	20	-	-
Shawbury	340	02	48	c	14·5	-03	37	32	5	-	-	7	7	28	1	20
Bristol	070	05	60	c	14·0	-02	37	31	5	-	-	8	8	20	4	18
Plymouth	100	06	28	c	14·2	-02	38	32	6	-	-	8	8	22	6	10
Chivenor	080	10	48	c	14·3	-01	38	31	5	-	-	8	8	25	-	-
St. Eval	150	04	56	c	14·3	+02	38	33	6	-	-	8	8	21	-	-
Culdrose	100	03	20	c	14·7	+04	39	36	5	-	-	7	7	20	-	-
Scilly, St. Mary's	160	05	58	c	13·8	+07	46	39	1	7	-	7	1	16	-	-
Guernsey	350	08	56	c	13·9	+05	39	34	5	-	-	8	8	16	-	-
Aberporth	060	07	64	c	14·3	-06	35	26	5	-	-	7	7	35	-	-
Pembroke Dock	-	0	58	c	14·6	-11	35	30	5	-	-	8	8	40	-	-
Holyhead (Valley)	-	0	28	c	14·0	-02	37	32	5	3	-	7	5	35	-	-
Manchester	-	0	09	cft	13·8	-07	36	33	5	-	-	7	7	35	-	-
Squires Gate	090	05	22	c	13·9	-07	41	36	5	-	2	7	6	56	-	-
Silloth	-	0	32	c	14·6	-07	36	35	5	3	-	7	3	35	1	25
Lindholme	330	02	25	c	14·1	-03	39	36	5	-	-	7	7	28	-	-
Spurn Head	100	07	58	c	14·0	-00	40	38	5	-	-	8	8	20	-	-
Dishforth	320	05	32	c	14·2	-05	38	35	5	-	-	8	8	30	-	-
Tynemouth	090	02	08	cft	14·3	+03	39	34	5	-	-	8	8	28	-	-
Leuchars	-	0	66	c	14·2	-08	34	27	-	-	1	1	-	-	1	70
Eskdalemuir	250	05	56	b	14·2	-08	34	32	5	-	-	7	7	15	-	-
Prestwick	-	0	48	c	14·2	-08	35	32	5	3	-	7	7	40	-	-
West Freugh	090	07	56	id$_o$	13·8	-06	37	34	5	2	-	8	4	30	-	-
Ronaldsway	120	08	66	c	14·3	-05	41	33	5	-	-	7	7	50	1	18
Tiree	170	07	85	b	13·6	-13	40	31	5	3	5	2	1	20	-	-
Benbecula	230	11	82	jp	12·8	-10	42	39	3	-	6	6	2	28	-	-
Stornoway	220	09	80	c	11·7	-08	39	37	3	3	6	7	4	35	2	22
Cape Wrath	230	18	83	pr$_o$	10·0	-14	41	39	8	-	-	7	7	25	-	-
Sule Skerry	270	06	82	pr	09·8	-08	43	37	8	-	-	7	7	15	-	-
Renfrew	-	0	08	cf	14·5	-08	32	30	5	-	-	7	7	35	-	-
Dyce	-	0	28	c	13·0	-10	33	32	5	-	-	7	7	50	-	-
Wick	250	06	35	c	11·1	-06	37	33	8	3	2	6	3	35	1	20
Lerwick	-	0	62	c/d	09·9	-14	35	33	6	2	-	8	5	42	-	-
Blacksod Point	120	10	62	c	13·5	-03	40	35	5	-	-	6	6	56	2	35
Malin Head	160	01	57	c	13·5	-08	38	34	6	-	-	7	7	09	-	-
Aldergrove	100	01	48	c	13·8	-07	35	33	5	+	-	8	8	40	-	-
Castle Archdale	-	0	60	c	13·8	-06	35	32	5	-	-	7	7	40	-	-
Birr Castle	120	02	61	c	13·2	-11	37	35	5	-	-	7	7	38	2	25
Collinstown	300	01	40	bc	14·1	-01	37	34	5	3	-	4	3	33	-	-
Rineanna	140	04	32	c	13·9	-05	37	35	5	-	-	8	8	18	-	-
Valentia	020	03	70	ir$_o$	12·5	-06	41	39	6	-	-	7	7	38	4	20
Midleton	-	0	48	c	13·1	-09	40	38	5	-	-	6	6	35	-	-

OBSERVATIONS at 18h. G.M.T. 8th January, 1955

STATIONS	Wind: Direction. (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low † (25)	Cloud: Form: Medium (26)	Cloud: Form: High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer: Amt. 0–8 (29)	Cloud: Main layer: † Ht. (30)	Cloud: Lowest layer: Amt. 0–8 (31)	Cloud: Lowest layer: † Ht. (32)	21 h. State of ground † (33)
Kew	320	03	13	o	13·7	+04	35	27	6	-	-	8	8	10	-	-	1
London Airport	-	0	23	c	13·8	+02	34	29	5	-	-	8	8	20	-	-	1
Tangmere	-	0	13	c	13·7	+02	34	28	5	-	-	8	8	14	-	-	1
Bournemouth (Hurn	-	0	48	c	15·3	-03	34	28	5	-	-	8	8	20	4	17	1
Boscombe Down	-	0	48	c	14·5	-02	31	27	5	-	-	7	7	15	-	-	1
Felixstowe	030	05	60	c	13·6	+05	34	28	5	-	-	8	8	29	-	-	0
Gorleston	010	04	60	c	14·2	+03	36	30	5	-	-	8	8	25	-	-	0
West Raynham	130	01	64	c	13·5	+07	32	28	5	-	-	7	7	18	-	-	3
Mildenhall	110	02	63	c	13·5	+01	34	31	5	-	-	8	7	22	-	-	1
Cranfield	080	03	50	c	13·6	+03	33	27	5	-	-	8	8	18	-	-	5
Elmdon	-	0	28	c	13·2	-03	35	29	5	-	-	8	8	19	-	-	5
Cottesmore	170	04	58	c	13·8	+03	35	32	5	-	-	8	8	22	-	-	5
Watnall	-	0	32	c	13·5	-03	36	32	5	-	-	8	8	32	-	-	1
Ross-on-Wye	110	02	24	c	12·8	-06	35	28	5	-	-	8	8	20	-	-	1
Shawbury	150	07	59	c	13·2	-07	36	30	5	-	-	8	8	29	-	-	1
Bristol	080	06	40	c	13·4	-01	35	27	5	-	-	8	8	17	-	-	1
Plymouth	-	0	22	b	13·4	-04	36	32	5	-	-	1	1	30	-	-	1
Chivenor	130	05	48	c	13·4	-05	35	33	5	-	-	7	7	23	-	-	1
St. Eval	160	08	23	c	12·6	-07	39	36	5	-	-	7	7	20	-	-	1
Culdrose	140	05	58	c	13·4	-04	40	38	5	3	-	6	3	20	-	-	0
Scilly, St. Mary's	150	06	38	c	11·8	-05	45	40	5	-	-	7	7	15	-	-	1
Guernsey	330	03	57	c	13·4	-03	40	35	5	-	-	8	8	23	-	-	1
Aberporth	170	05	58	c	12·6	-10	33	30	5	-	-	7	7	23	-	-	3
Pembroke Dock	-	0	56	c	13·0	-07	33	31	5	-	-	6	6	30	-	-	3
Holyhead (Valley)	140	02	57	b	11·9	-11	32	29	5	-	-	2	2	40	1	25	3
Manchester	190	01	29	c	12·9	-05	36	30	5	-	-	7	7	35	-	-	1
Squires Gate	220	07	23	c	12·9	-06	37	34	5	-	-	8	8	28	-	-	1
Silloth	-	0	05	cft	12·3	-12	35	34	5	3	-	7	5	35	-	-	1
Lindholme	-	0	37	c	13·0	-05	39	34	5	-	-	8	8	29	2	20	0
Spurn Head	170	03	56	c	13·3	-03	39	35	5	-	-	8	8	20	-	-	0
Dishforth	-	0	23	c	12·8	-07	37	35	5	-	-	8	8	30	-	-	1
Tynemouth	-	0	08	cf	12·7	-08	38	33	5	-	-	8	8	25	-	-	1
Leuchars	-	0	40	bc	11·7	-10	30	27	-	3	1	3	+	-	1	65	3
Eskdalemuir	-	0	66	c	12·3	-09	33	31	5	-	-	8	8	22	-	-	5
Prestwick	130	02	56	c	11·5	-13	36	33	5	-	-	8	7	50	3	25	0
West Freugh	-	0	43	c/d	11·0	-15	37	35	5	-	-	8	8	29	-	-	1
Ronaldsway	140	08	58	c	12·0	-12	38	33	5	-	-	7	7	50	3	25	1
Tiree	180	06	66	c	10·4	-16	38	37	-	3	-	7	-	-	7	65	3
Benbecula	160	10	82	c	09·4	-15	34	33	5	6	6	6	2	30	-	-	3
Stornoway	210	07	80	bc	08·8	-13	36	35	5	-	2	5	2	30	-	-	1
Cape Wrath	230	09	83	c	07·6	-11	41	34	8	-	-	6	6	25	-	-	1
Sule Skerry	270	05	82	pr	08·1	-00	41	36	8	-	-	8	8	10	-	-	2
Renfrew	-	0	07	cft	12·0	-10	29	28	5	-	-	8	8	40	-	-	3
Dyce	-	0	63	c	10·9	-09	32	29	-	3	6	7	-	-	4	60	3
Wick	240	09	82	c	09·2	-09	38	33	5	3	7	8	2	28	-	-	1
Lerwick	-	0	66	clr	07·0	-15	37	36	6	-	-	8	8	12	3	08	2
Blacksod Point	140	05	57	b	10·6	-12	38	35	-	-	-	0	-	-	-	-	
Malin Head	160	05	57	c	10·4	-15	36	33	6	-	-	7	7	09	-	-	
Aldergrove	130	05	48	c	11·2	-13	35	33	5	-	-	8	8	28	-	-	1
Castle Archdale	-	0	56	bc	11·0	-11	33	32	-	3	-	3	-	-	3	58	1
Birr Castle	180	04	58	c	10·5	-13	39	35	5	-	-	8	8	30	-	-	
Collinstown	-	0	18	c	11·8	-10	38	30	5	-	-	8	8	24	-	-	
Rineanna	120	07	32	o	10·9	-13	40	38	6	-	-	8	8	35	5	11	
Valentia	020	02	80	c	09·7	-09	43	40	5	-	-	7	7	29	-	-	
Midleton	070	06	56	o/r	10·0	-15	43	41	6	-	-	8	8	35	6	18	

OBSERVATIONS during DAY

STATIONS	Weather: 09h. to 15h. (34)	Weather: 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	c2$_o$	c2	36	0·0	-
London Airport	cm$_o$	cm$_o$ cm	36	*	-
Tangmere	cm$_o$	cm$_o$ cm	35	0·0	-
Bournemouth (Hurn	c2$_o$	c2$_o$ cm$_o$	36	*	-
Boscombe Down	cm$_o$	cm$_o$	33	0·0	-
Felixstowe	cm$_o$	cm$_o$	36	0·0	-
Gorleston	cm$_o$	o	37	0·0	-
West Raynham	cm$_o$c	cbccbccx	36	0·0	Tr
Mildenhall	cm$_o$	cm$_o$c	36	0·0	-
Cranfield	cm$_o$c	cm$_o$	34	0·0	-
Elmdon	ccmc	c	37	0·0	-
Cottesmore	cm$_o$	bm$_o$cm$_o$bm$_o$	37	0·5	-
Watnall	cm$_o$ mcm$_o$	c2$_o$c m$_o$	38	0·0	-
Ross-on-Wye	o	o2$_o$	37	0·0	-
Shawbury	cm$_o$c	cc2$_o$m$_o$2$_o$	38	0·0	-
Bristol	c	c	37	0·0	-
Plymouth	cm$_o$	bcm$_o$cmw	39	0·2	-
Chivenor	c2$_o$	cm$_o$	39	0·0	-
St. Eval	cm$_o$	cm$_o$	49	0·0	-
Culdrose	bmc	bccbbcc	42	1·2	-
Scilly, St. Mary's	cbc	bccc	48	3·7	-
Guernsey	c	cbcb	40	0·0	-
Aberporth	cxbcc2$_o$	c2$_o$cm$_o$bm$_o$	36	0·1	-
Cranwell	cm$_o$xcm$_o$	cm$_o$bm$_o$cm$_o$x	37	0·0	-
Holyhead (Valley)	cm$_o$c2$_o$	c2$_o$cm$_o$bm$_o$cm$_o$x	38	0·6	-
Manchester	cmf	cm	38	0·0	-
Squires Gate	cm$_o$	cm$_o$	40	0·4	-
Silloth	cm$_o$c	cfwcmw	37	0·0	Tr
Lindholme	cm$_o$	cm$_o$	40	0·0	-
Spurn Head	c	co	40	0·0	-
Dishforth	cm$_o$ir$_o$r$_o$m$_o$cm$_o$	cm$_o$	38	0·0	Tr
Tynemouth	cffcm	off	39	0·0	0·2
Leuchars	bm$_o$x	bbcm$_o$x	37	5·4	-
Eskdalemuir	c	cer$_o$3$_o$mcm$_o$	35	0·0	Tr
Prestwick	cm$_o$	cm$_o$	37	0·0	-
West Freugh	cid$_o$m$_o$	cir$_o$m$_o$cm$_o$	40	0·0	Tr
Ronaldsway	c	c	41	0·0	-
Tiree	bxbc	cbcc	41	5·0	-
Benbecula	bccpr$_o$	c	42	2·3	Tr
Stornoway	cpr$_o$c	c	40	0·4	0·3
Cape Wrath	pr	c	42	*	1
Sule Skerry			43	*	3
Renfrew	bcfff	bcfffc	33	0·0	-
Dyce	cm$_o$x	cm$_o$x	34	0·0	-
Wick	cpr$_o$c	c	39	0·3	Tr
Lerwick	cfrid$_o$	crrc	39	0·0	4
Blacksod Point	c	b	42	4·0	-
Malin Head	c	c	39		-
Aldergrove	cm$_o$	cm$_o$	35	0·0	-
Castle Archdale	cmo	cmo	37	0·0	-
Birr Castle	c	c	39	0·0	Tr
Collinstown	c	f	40	1·9	Tr
Rineanna	c	c	41	1·3	-
Valentia	r	p	46	0·8	0·4
Midleton	c	r	45	0·0	Tr

12h. Ships' Reports

Ship	Lat. N, ° ′	Long. W, ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	52° 30′	10° 12′	1011	-05	-	0	c	bc	50	50	41	98	8	-	6	6	7	3
WEATHER OBSERVER	59° 6′	19° 0′	1009	-07	300	14	jp	p	42	48	29	98	3	-	-	6	6	5
CIRRUS	45° 6′	16° 12′	1005	-12	140	21	r$_o$r$_o$	r	54	54	54	40	7	2	-	4	8	6½
POLAR FRONT	65° 42′	01° 18′	1013	-08	030	17	bc	p	34	39	25	99	9	6	2	3	5	6½
WEATHER EXPLORER	61° 36′	32° 42′	1023	+10	030	15	c	bc	36	41	26	98	5	-	-	6	6	6½
U.S. SHIP 'C'	52° 30′	24° 24′	998	+00	090	37	id$_o$	r	47	46	45	61	7	-	-	8	8	16
U.S. SHIP 'D'	44° 0′	41° 0′	982	+20	230	06	jp	p	60	61	57	65	2	7	2	2	7	13
U.S. SHIP 'B'	56° 30′	51° 0′	1014	+10	070	28	pr$_o$	p	39	37	35	61	7	2	-	6	8	14
REGENT HAWK	40° 18′	22° 42′	1005	-01	230	13	9pr	r	61	61	61	97	6	-	-	8	8	5
AVONDENE	41° 6′	11° 30′	1012	+00	100	17	dq$_o$	d	55	58	55	97	7	-	-	8	8	5

18h. Ships' Reports

Ship	Lat. N, ° ′	Long. W, ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	52° 36′	18° 54′	1007	-16	080	12	c	c	50	51	44	98	8	-	6	5	7	3
WEATHER OBSERVER	59° 6′	18° 42′	1002	-37	290	21	pr$_o$	bc	43	48	36	98	3	-	-	6	6	5
POLAR FRONT	65° 48′	01° 42′E	1011	-02	350	13	c	p	34	40	23	99	9	6	-	5	6	6½
CIRRUS	44° 54′	16° 6′	1002	-07	240	09	f	r	55	55	55	01	.	-	-	9	9	5
ROWALLAN CASTLE	40° 6′	10° 42′	1013	-25	250	14	ft	d	60	60	59	96	.	-	-	9	9	5
REGENT HAWK	39° 54′	23° 54′	1004	+00	230	13	c	bc	62	61	60	97	.	7	1	0	6	6½
BEAVERLODGE	50° 18′	15° 48′	1007	-18	130	04	c	b	50	52	42	99	5	1	1	6	7	3
U.S. SHIP 'C'	52° 18′	35° 12′	994	-19	070	43	r$_o$r$_o$	d	46	44	47	59	7	-	-	8	8	19
U.S. SHIP 'D'	44° 0′	41° 0′	776	-51	020	20	r$_o$r$_o$	r	57	56	56	59	7	2	-	5	8	6½
WEATHER EXPLORER	61° 30′	33° 0′	1022	-13	360	22	c	bc	35	40	25	98	5	-	-	6	6	8

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100s of feet: 56–80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

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

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Saturday 8th January

1955

Clark's Projection Scale 1 : 4 × 10^7 along meridian at 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 represents 10 Kt. and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ◔ Sky $\frac{1}{8}$ covered ◑ Sky $\frac{2}{8}$ covered ◕ Sky $\frac{3}{8}$ covered ◑ Sky $\frac{4}{8}$ covered ◑ Sky $\frac{5}{8}$ covered ◕ Sky $\frac{6}{8}$ covered ● Sky $\frac{7}{8}$ covered ● Sky $\frac{8}{8}$ covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower R Thunderstorm T Thunder ≡ Fog ═ Mist

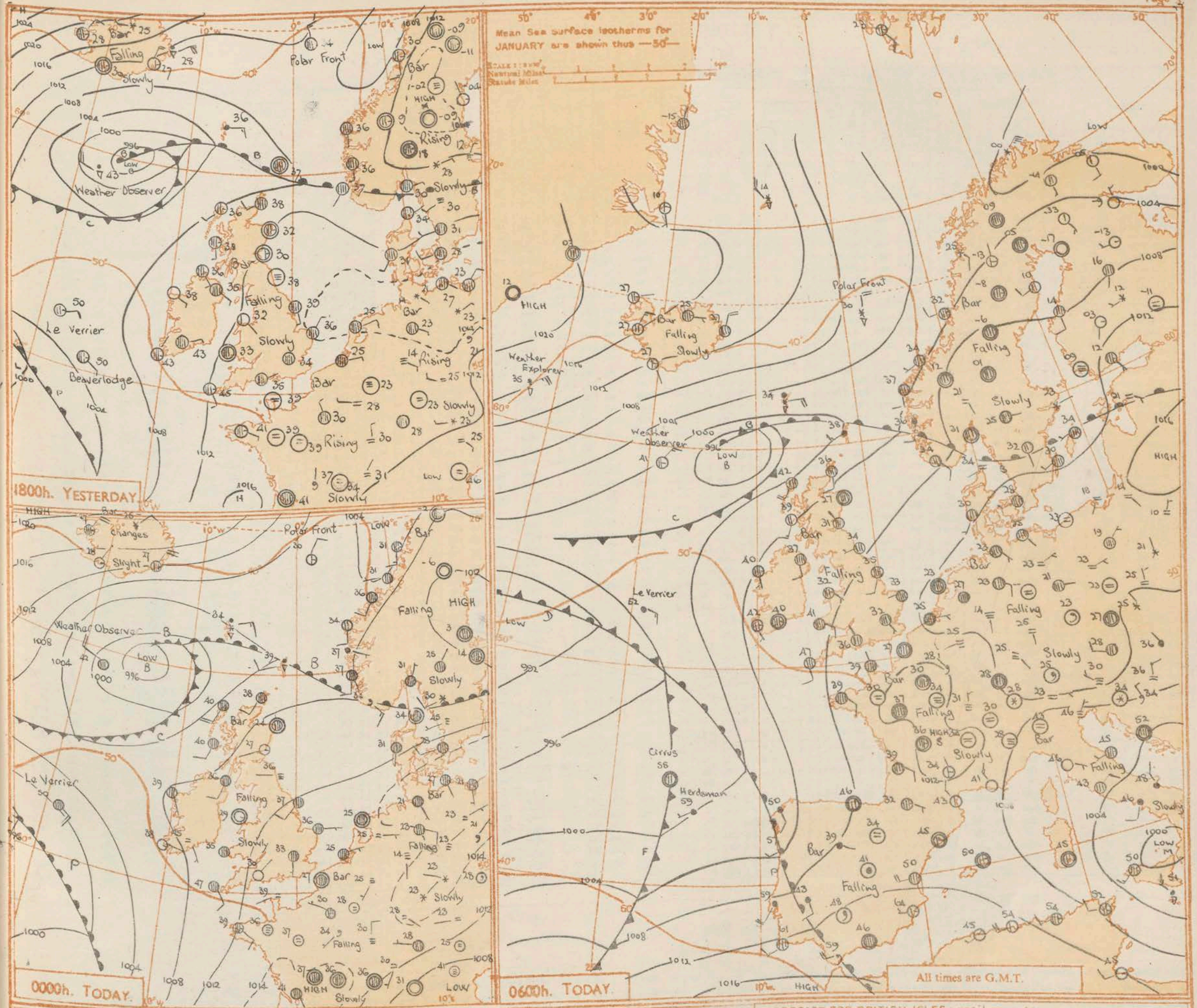
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.



GENERAL SYNOPTIC DEVELOPMENT:-

Issued at mid-day to-day Sunday 9th January 1955

The depression which was centred near Iceland yesterday morning now lies off Northwest Scotland, and is expected to move slowly southeastwards. A trough of low pressure on the Atlantic will advance towards Southwest England.

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Weather will be mainly cloudy over the British Isles, but bright intervals will occur in a few places. Slight rain will occur over Northern Ireland and western and northern districts of Scotland with snow on the Scottish mountains. An area of general rain is likely to spread across much of Scotland later. Occasional rain will occur in Southwest England and South Wales with probably more general rain in these areas later. It will be cold in most districts at first but a slow rise of temperature is expected.

OUTLOOK FOR the following 24 hours:-

Rain at times in many districts.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 9th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: † Low	† Medium	† High	† Total amount 0–8	Cloud: Main layer: Amt. 0–8	† Ht.	Cloud: Lowest layer: Amt. 0–8	† Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	34	*	*	*	*	*	*	*	*	*
London Airport	82	180	03	20	0	13·5	+02	33	29	6	–	–	8	8	09	–	–
Tangmere	53	340	03	22	c	13·4	–03	34	27	5	–	–	8	8	19	–	–
Bournemouth (Hurn	34	–	0	56	c	12·9	–07	33	28	5	–	–	8	8	22	–	–
Boscombe Down	414	–	0	48	c	14·0	–06	30	27	5	–	–	8	8	15	–	–
Felixstowe ...	10	090	03	62	c	12·9	–08	34	28	3	–	–	8	8	29	–	–
Gorleston ...	5	090	05	62	c	13·5	–07	36	31	5	–	–	8	8	28	–	–
West Raynham	250	190	05	58	c	13·1	–03	30	27	5	–	–	8	8	18	–	–
Mildenhall ...	15	220	05	70	c	13·4	+01	33	27	5	–	–	7	7	35	–	–
Cranfield ...	340	200	02	48	c	13·3	–02	31	24	5	–	–	8	8	17	–	–
Elmdon ...	324	–	0	40	c	12·9	–05	33	27	5	–	–	8	8	14	–	–
Cottesmore ...	440	–	0	24	c	13·3	–03	31	28	5	–	–	8	8	18	–	–
Watnall ...	366	200	06	28	c	13·1	–03	34	30	5	–	–	8	8	25	–	–
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	180	02	40	c	12·3	–06	34	30	5	–	–	8	8	23	–	–
Bristol	192	–	0	32	c	12·9	–08	30	28	5	–	–	8	8	25	–	–
Plymouth ...	90	090	04	58	c	12·0	–8	35	32	5	–	–	8	8	20	–	–
Chivenor ...	20	110	07	48	c	12·3	–09	36	30	5	–	–	7	7	25	–	–
St. Eval... ...	336	150	08	32	c	11·3	–11	40	37	5	–	–	7	7	35	–	–
Culdrose ...	260	160	07	60	c	12·1	–10	43	40	5	–	–	8	8	40	–	–
Scilly, St. Mary's	158	170	09	58	c	09·6	–17	47	41	5	–	–	8	8	15	–	–
Guernsey ...	340	–	0	58	c	13·1	–06	36	33	1	–	–	6	6	20	–	–
Aberporth ...	375	170	10	56	c	11·2	–13	34	29	5	–	–	7	7	40	–	–
Pembroke Dock	34	–	0	33	c	11·5	–13	35	33	5	–	–	8	8	25	–	–
Holyhead (Valley)	32	–	0	57	b	10·9	–12	29	26	5	–	–	1	1	50	–	–
Manchester ...	248	160	02	26	c	11·6	–10	35	29	5	–	–	8	8	27	–	–
Squires Gate ...	33	180	08	36	c	11·5	–10	36	29	5	–	–	8	8	26	–	–
Silloth	25	200	06	23	c	10·8	–13	34	31	5	–	–	8	8	40	–	–
Lindholme ...	21	190	06	23	c	12·4	–03	37	33	5	–	–	8	8	25	–	–
Spurn Head ...	29	200	08	24	c	12·9	–03	37	34	5	–	–	8	8	20	–	–
Dishforth ...	105	–	0	14	c	11·4	–09	36	34	5	–	–	8	8	25	–	–
Tynemouth ...	108	270	01	08	c/f	11·4	–08	36	33	5	–	–	8	8	40	–	–
Leuchars ...	36	240	01	20	b	09·7	–12	27	24	6	–	–	1	1	50	–	–
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	150	11	58	c	09·1	–18	38	33	5	–	–	8	8	33	–	–
West Freugh ...	50	160	08	56	c	09·1	–16	41	35	5	–	–	7	7	29	–	–
Ronaldsway ...	55	170	13	38	c	10·5	–15	40	34	5	–	–	8	8	19	–	–
Tiree	29	190	12	59	c/r	06·8	–20	40	32	5	7	–	8	4	20	–	–
Benbecula ...	18	160	10	82	c	05·5	–25	37	34	–	3	–	7	2	25	–	–
Stornoway ...	10	190	19	81	c	05·5	–24	40	35	5	–	7	8	4	24	–	–
Cape Wrath ...	367	280	13	82	bc	05·6	–09	38	35	8	–	–	5	5	25	–	–
Sule Skerry ...	43	250	09	82	c	05·3	–11	43	38	5	–	–	8	8	10	–	–
Renfrew ...	28	–	0	06	c/f	09·7	–16	33	31	5	–	–	8	8	25	–	–
Dyce	185	–	0	48	c	08·9	–12	24	23	–	–	8	6	–	5	6	70
Wick	119	200	08	82	c	06·6	–18	38	32	–	3	7	8	–	–	4	60
Lerwick ...	269	240	09	66	pc	04·5	–16	39	38	2	1	–	8	7	14	–	–
Blacksod Point	18	170	04	57	c	08·7	–14	39	37	5	–	–	6	6	30	2	29
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	190	10	82	c	09·2	–20	36	32	5	–	–	8	8	28	–	–
Castle Archdale	225	150	04	15	b	08·4	–16	29	29	5	3	–	2	1	35	–	–
Birr Castle ...	231	150	05	58	c	08·5	–15	38	35	5	–	–	6	6	37	–	–
Collinstown ...	226	–	0	32	c	10·0	–13	36	33	5	–	–	7	7	36	–	–
Rineanna ...	10	120	09	40	c	09·0	–16	39	39	5	–	–	7	7	40	–	–
Valentia ...	30	100	03	81	b	07·5	–12	38	36	1	3	–	1	1	26	–	–
Midleton ...	30	170	05	59	c	08·2	–15	45	43	5	–	–	8	8	35	–	–

OBSERVATIONS at 06h. G.M.T. 9th January, 1955.

Stations (For heights see p. 4)	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: † Low	† Medium	† High	† Total amount 0–8	Cloud: Main layer: Amt. 0–8	† Ht.	Cloud: Lowest layer: Amt. 0–8	† Ht.	09 h. † State of ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	–	0	56	0	11·3	–14	34	28	6	–	–	8	8	20	–	–	1
London Airport	160	03	50	c	11·2	–15	32	26	5	–	–	8	8	19	–	–	1
Tangmere	050	05	19	c	11·6	–13	33	28	5	–	–	8	8	24	–	–	1
Bournemouth (Hurn	–	0	56	b	10·9	–16	29	26	5	–	–	2	2	21	–	–	3
Boscombe Down	–	0	48	c	12·1	–14	27	25	–	–	7	8	–	–	8	73	1
Felixstowe ...	340	05	60	c	11·8	–08	34	28	5	–	–	8	8	27	–	–	0
Gorleston ...	250	02	58	c	11·7	–12	33	27	5	–	–	8	8	24	–	–	0
West Raynham	190	02	66	c	11·3	–11	30	24	5	–	–	8	8	22	3	18	3
Mildenhall ...	240	03	63	c	11·4	–13	31	25	5	–	–	8	8	20	–	–	1
Cranfield ...	200	01	32	c	10·8	–17	30	23	5	–	–	8	8	17	–	–	5
Elmdon ...	150	02	50	c	10·4	–15	30	27	5	–	–	7	7	20	–	–	5
Cottesmore ...	230	06	58	c	11·0	–11	29	24	5	–	–	7	7	13	–	–	5
Watnall ...	200	03	50	c	10·6	–18	31	29	5	–	–	8	8	20	–	–	1
Ross-on-Wye ...	230	02	24	c	10·3	–14	29	26	–	–	6	6	–	–	–	–	1
Shawbury ...	180	06	61	c	09·7	–14	31	28	5	3	–	7	4	27	–	–	3
Bristol	–	0	40	c	10·8	–15	28	27	5	–	–	7	7	30	–	–	3
Plymouth ...	120	08	40	c	09·6	–19	37	35	5	–	–	8	8	22	–	–	1
Chivenor ...	080	08	48	c	09·7	–18	36	33	5	–	–	7	7	20	–	–	1
St. Eval... ...	150	12	63	c/pr	08·7	–17	43	41	3	–	–	7	7	25	3	18	1
Culdrose ...	160	08	62	bc	09·0	–21	44	42	5	3	–	5	4	20	–	–	1
Scilly, St. Mary's	170	11	66	c	06·9	–20	47	43	8	–	–	7	7	15	–	–	1
Guernsey ...	–	0	64	bc	11·2	–14	37	24	–	–	2	3	–	–	3	75	1
Aberporth ...	180	18	48	c	08·2	–20	35	30	5	–	–	8	8	47	3	25	3
Pembroke Dock	120	09	43	c	08·9	–17	41	39	5	–	–	8	8	15	–	–	1
Holyhead (Valley)	120	03	67	c	07·3	–22	32	30	5	–	7	7	3	50	–	–	3
Manchester ...	140	07	48	c	09·1	–17	33	25	5	–	–	8	8	27	3	20	1
Squires Gate ...	180	03	48	c	08·9	–16	34	29	5	–	7	8	5	25	–	–	1
Silloth	–	0	23	c	07·9	–17	33	31	5	–	–	8	8	35	–	–	1
Lindholme ...	180	07	40	c	10·2	–14	35	29	5	–	–	8	8	25	–	–	0
Spurn Head ...	190	08	48	c	11·2	–11	35	32	5	–	–	8	8	20	–	–	0
Dishforth ...	–	0	23	c	09·1	–18	35	30	5	–	–	8	8	25	–	–	1
Tynemouth ...	250	07	48	c	08·2	–16	34	28	5	–	–	6	6	42	–	–	1
Leuchars ...	310	01	19	c	06·4	–17	31	30	5	–	–	8	8	40	–	–	3
Eskdalemuir ...	190	01	48	0	07·6	–18	32	30	6	–	–	8	8	06	–	–	1
Prestwick ...	150	08	56	c	06·0	–21	38	35	5	3	–	6	2	28	–	–	0
West Freugh ...	190	03	58	c	06·0	–18	42	37	5	–	7	8	7	30	–	–	1
Ronaldsway ...	170	16	58	c	07·9	–16	40	35	5	–	–	8	8	16	–	–	1
Tiree	190	15	66	bc	08·2	–25	39	31	6	3	–	4	1	16	–	–	1
Benbecula ...	180	19	81	c	00·7	–26	41	39	5	3	–	7	3	30	–	–	1
Stornoway ...	190	19	66	c/r	00·0	–34	42	39	5	2	–	8	7	24	3	18	1
Cape Wrath ...	230	09	82	c	01·2	–27	37	29	5	7	–	7	5	25	–	–	1
Sule Skerry ...	250	09	82	c	01·2	–29	40	31	5	–	–	8	8	10	–	–	0
Renfrew ...	160	08	37	c	06·0	–22	37	34	5	–	–	8	8	43	–	–	1
Dyce	–	0	56	c	05·2	–22	27	24	–	1	–	8	–	–	8	63	3
Wick	180	09	82	c	02·8	–24	36	30	5	3	–	8	2	50	–	–	1
Lerwick ...	220	16	66	ir0	00·9	–23	38	37	6	–	–	8	8	14	–	–	2
Blacksod Point	170	03	57	c	04·7	–22	40	39	6	–	–	7	3	25	–	–	0
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Aldergrove ...	180	11	48	c	05·5	–24	37	35	6	–	–	8	8	11	–	–	1
Castle Archdale	140	04	15	c	04·6	–25	36	36	5	–	–	8	8	20	–	–	1
Birr Castle ...	160	07	58	c	04·9	–22	40	38	5	–	6	8	4	36	–	–	1
Collinstown ...	150	06	59	c	06·8	–20	40	36	5	–	–	8	8	32	–	–	1
Rineanna ...	120	06	48	c	05·4	–20	39	38	6	3	2	7	4	40	2	15	1
Valentia ...	140	07	75	c	04·3	–20	42	40	2	–	6	7	5	22	–	–	1
Midleton ...	–	0	59	c/r	05·5	–15	40	40	5	–	8	7	1	23	–	–	1

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h. (mth.) mm. (43)
Kew	cz z₀	z₀	32	30	-
London Airport	cmm₀	cm₀ z₀	32	32	-
Tangmere	cz cz₀	cmcm₀	30	27	-
Bournemouth (Hurn	cm₀ cmcm₀	cm₀ bm₀ cmx	26	18	-
Boscombe Down	cm₀	cm₀	27	18	TR
Felixstowe ...	cm₀	cm₀	33	32	-
Gorleston ...	0	0m₀	33	32	-
West Raynham	cm₀ cc m₀x	cx cz₀ m₀x	29	15	-
Mildenhall ...	c	cm₀	30	30	TR
Cranfield ...	cz₀	cz₀ cm₀	29	28	-
Elmdon ...	cz₀	cm₀	28	26	-
Cottesmore ...	bm₀ cm₀	cm₀	28	26	-
Watnall ...	cm₀	cm₀	30	30	-
Ross-on-Wye ...	0z₀ cz₀	bcm₀ cm₀	28	19	-
Shawbury ...	cz₀ m₀ cm₀	ccm₀x	29	25	-
Bristol	c	cbcxcmx	27	22	-
Plymouth ...	cm₀	cm₀	35	32	-
Chivenor ...	cm₀	cm₀	35	31	-
St. Eval... ...	cm₀	cm₀ cpr₀ cir₀	38	36	1
Culdrose ...	cir₀ r	or sprc	41	29	5
Scilly, St. Mary's	ocbc	bccbc	44	*	-
Guernsey ...	bbcc bcb	bbcc	35	26	-
Aberporth ...	bm₀ cm₀x	bm₀ xcm₀	31	25	-
Pembroke Dock	cm₀x	cir₀ m₀ cm₀	33	25	2
Holyhead (Valley)	cm₀ xbm₀ xc	cm₀x	28	23	-
Manchester ...	cm	cbcbc	30	27	-
Squires Gate ...	cz₀	cz₀ cm₀x	27	24	-
Silloth	cm₀ wx	cm₀ cm	32	27	-
Lindholme ...	cm₀	cm₀ z₀ m₀	33	31	-
Spurn Head ...	om₀	om₀	32	*	-
Dishforth ...	cm₀ cm	cmcz₀	34	33	-
Tynemouth ...	off cm₀	cm₀ bm₀	31	25	-
Leuchars ...	bccx₀	cmx	25	18	-
Eskdalemuir ...	crs₀ m₀ cm₀	cm₀	31	31	0·2
Prestwick ...	cir₀ cm₀	cm₀	37	35	TR
West Freugh ...	cm₀	cm₀	40	38	-
Ronaldsway ...	c	c	38	34	-
Tiree	cir₀ c	cbcc	39	32	TR
Benbecula ...	cx	cir₀ r r₀ f₀	34	30	0·3
Stornoway ...	c	cir₀ rrr	37	33	2
Cape Wrath ...	cpr	c	35	33	0·2
Sule Skerry ...	*	*	39	35	0·3
Renfrew ...	cffx d₀ cff	cffcm₀	30	24	TR
Dyce	cm₀x	cm₀x	22	14	-
Wick	c	c	35	30	-
Lerwick ...	cpr₀	cr₀ f₀ cpr₀ c	35	31	5
Blacksod Point	c	c	37	27	-
Malin Head ...	*	*	31	*	-
Aldergrove ...	cm₀	cm₀	33	31	-
Castle Archdale	cxm	cm	29	23	-
Birr Castle ...	c	c	37	35	TR
Collinstown ...	c	c	35	27	-
Rineanna ...	c	c	38	34	-
Valentia ...	bc	c	37	31	TR
Midleton ...	c	r	33	31	0·1

00h Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	† Med	† High	Cloud: Amount: Low	Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 30′	999	–10	310	20	c	p	42	48	31	98	3	–	–	6	6	8
LE VERRIER	52° 42′	18° 48′	1003	–24	120	14	c	c	50	51	41	91	5	5	–	8	8	3
POLAR FRONT	65° 54′	01° 42′E	1009	–14	010	12	jp	p	30	37	23	99	9	–	–	3	3	8
CIRRUS	44° 54′	16° 0′	1001	–12	–	0	c/f	d	54	55	54	08	6	–	–	8	8	3
WEATHER EXPLORER	61° 30′	33° 12′	1020	–09	360	20	jp	p	35	40	17	98	8	–	–	3	4	11
U.S. SHIP "C"	52° 6′	33° 42′	991	–22	070	48	r/f	r	48	46	46	61	7	2	–	7	8	25½
U.S. SHIP "D"	44° 0′	41° 0′	978	+36	250	30	bc	bc	60	57	53	75	–	7	–	5	5	8
CUMULUS	54° 54′	03° 24′E	1012	–04	190	06	c	c	39	41	34	98	8	–	–	8	8	1½
PORT NAPIER	39° 6′	19° 0′	1007	+11	220	14	b	bc	62	62	60	98	–	2	–	1	1	8
AVONDENE	43° 0′	10° 30′	1005	–30	150	12	dd	d	56	56	56	97	–	–	–	–	9	–

06h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	† Med	† High	Cloud: Amount: Low	Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 30′	998	–02	030	15	bc	pr	41	48	31	99	3	6	–	3	5	11
LE VERRIER	52° 36′	18° 18′	997	–30	100	16	r/f	r	52	52	48	96	7	2	–	8	8	3
POLAR FRONT	65° 54′	01° 54′E	1006	–15	360	22	ps	p	30	39	23	99	9	–	–	7	7	5
CIRRUS	44° 54′	16° 6′	1009	–05	–	0	c	f	55	56	54	60	5	7	–	5	6	3
WEATHER EXPLORER	61° 36′	33° 0′	1018	–15	040	23	ps	p	35	40	28	98	2	6	–	5	6	11
U.S. SHIP "C"	52° 18′	33° 18′	989	–10	070	50	r/f	r	46	46	44	59	7	2	–	6	8	29
U.S. SHIP "D"	44° 0′	41° 0′	981	+14	230	26	b	bc	59	57	50	65	–	7	–	1	6	8
IRISH PINE	45° 6′	36° 36′	982	+10	210	24	b	bc	59	58	54	98	1	–	–	1	1	11/2
CALCHAS	40° 48′	09° 42′	1005	–30	260	11	d d₀	d	59	60	58	97	6	–	–	8	8	5
HERDSMAN	43° 30′	14° 30′	998	–15	230	05	rr	r	59	58	57	98	8	–	–	8	8	–

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* Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34017 — *Date of Issue.* Monday 10th January, 1955

OBSERVATIONS at 12h. G.M.T. 9th January, 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer Ht. † (16)
Kew	210	03	20	b	09·8	-15	36	29	-	3	-	1	-	-	-	-
London Airport	170	03	28	b	10·0	-15	35	27	-	-	1	1	-	-	1	80
Tangmere	090	05	40	bc	10·3	-13	37	31	-	-	2	3	-	-	3	73
Bournemouth (Hurn	-	0	23	c	10·0	~~-15~~	34	30	5	-	8	7	1	40	-	-
Boscombe Down	-	0	48	c	11·0	-14	32	29	-	3	1	6	-	-	1	59
Felixstowe	270	01	60	c	11·5	-05	35	27	5	-	-	8	8	25	-	-
Gorleston	260	02	58	c	10·9	-09	34	28	5	2	-	8	7	20	-	-
West Raynham	190	10	58	c	09·6	-16	30	23	5	-	-	8	8	20	-	-
Mildenhall	210	06	26	o	10·1	-16	32	25	6	-	-	8	8	15	-	-
Cranfield	230	09	23	c	09·5	-21	32	26	5	-	-	8	8	20	-	-
Elmdon	160	05	30	c	09·0	-13	31	27	5	-	-	8	8	25	-	-
Cottesmore	130	07	37	c	09·8	-17	30	25	5	-	-	8	8	20	-	-
Watnall	190	07	23	c	09·4	-12	31	28	5	3	-	7	6	25	-	-
Ross-on-Wye	200	02	24	c	08·8	-11	34	28	-	2	-	8	-	-	8	59
Shawbury	160	07	32	c	08·2	-13	33	30	-	7	7	8	-	-	5	62
Bristol	130	03	16	bc	09·6	-08	34	28	5	-	2	5	1	45	-	-
Plymouth	180	04	56	c/d	08·5	-08	46	41	6	-	-	8	8	20	6	14
Chivenor	100	09	48	c	08·3	-10	41	37	5	3	-	7	6	25	-	-
St. Eval	170	08	63	bc	07·1	-12	47	45	5	-	6	4	1	18	-	-
Culdrose	180	15	62	c	08·1	-08	48	44	8	-	5	7	3	18	-	-
Scilly, St. Mary's	170	13	66	c	06·3	+01	50	46	8	-	-	7	7	18	-	-
Guernsey	150	13	62	c	09·8	-13	43	37	1	-	8	6	1	25	-	-
Aberporth	180	13	40	c/r	06·9	-06	38	34	5	7	-	8	6	50	2	30
Pembroke Dock	150	04	48	c	07·6	-08	45	42	6	-	-	8	8	25	4	12
Holyhead (Valley)	150	11	57	ir$_o$	05·3	-13	40	39	5	-	-	8	8	40	6	16
Manchester	180	10	23	c	07·7	-11	33	28	5	5	-	7	7	56	-	-
Squires Gate	120	10	19	c	06·6	-15	33	31	5	2	-	8	8	40	-	-
Silloth	-	0	22	c	05·7	-15	37	32	5	-	-	8	8	35	-	-
Lindholme	160	08	40	c	08·7	-13	38	30	5	-	-	8	8	20	-	-
Spurn Head	200	12	32	o	10·3	-07	32	30	6	-	-	8	8	15	-	-
Dishforth	170	03	23	c	07·4	-14	34	28	5	-	-	8	8	25	-	-
Tynemouth	230	08	08	cf	06·2	-17	33	27	-	-	7	8	-	-	8	80
Leuchars	200	03	50	c	02·9	-24	36	33	5	-	-	8	8	40	2	20
Eskdalemuir	190	01	48	o	05·3	-18	32	30	6	-	-	8	8	08	-	-
Prestwick	180	12	58	ir$_o$	03·1	-19	40	37	6	-	-	8	7	22	6	11
West Freugh	170	16	37	ir$_o$	03·2	-20	42	40	7	2	-	8	8	56	1	12
Ronaldsway	170	15	58	ir$_o$	05·3	-16	42	35	5	-	-	8	8	40	-	-
Tiree	190	17	59	c	09·5	-23	42	37	5	7	-	8	4	25	1	15
Benbecula	170	18	56	c/r	06·6	-29	39	39	6	-	-	8	8	25	3	12
Stornoway	200	19	58	r$_o$r$_o$	07·4	-20	40	38	5	2	-	8	8	40	6	16
Cape Wrath	230	13	40	prs$_o$	06·9	-25	39	34	8	-	-	8	8	25	-	-
Sule Skerry	230	13	81	c	07·1	-23	43	39	5	-	-	8	8	10	-	-
Renfrew	170	08	23	id$_o$	02·9	-19	39	36	6	7	-	8	7	30	4	15
Dyce	220	13	40	c	01·9	-18	35	32	-	3	8	7	-	-	4	60
Wick	210	13	58	c	08·5	-24	38	33	5	-	7	8	4	50	-	-
Lerwick	200	12	74	c	08·1	-22	38	35	5	7	7	8	1	20	-	-
Blacksod Point	180	19	80	c/r	01·9	-14	46	45	7	-	-	8	7	50	5	15
Malin Head	180	13	56	c	00·7	-19	41	38	5	-	-	6	6	21	-	-
Aldergrove	180	11	48	c	03·3	-13	43	40	5	-	-	8	8	25	2	10
Castle Archdale	130	08	62	c	02·3	-11	40	39	5	-	-	8	8	28	6	10
Birr Castle	160	06	61	c	02·7	-19	42	40	5	3	7	8	4	45	-	-
Collinstown	200	04	56	c	04·2	-16	44	40	5	3	-	7	7	60	2	38
Rineanna	170	04	50	ir$_o$	03·4	-15	43	43	6	7	-	8	5	40	3	05
Valentia	150	15	50	d$_o$r$_o$	01·5	-21	47	45	6	2	-	8	6	11	-	-
Midleton	180	07	58	ir$_o$	03·7	-11	46	46	6	2	-	8	8	56	6	19

OBSERVATIONS at 18h. G.M.T. 9th January, 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	180	02	13	c	08·9	-05	34	30	5	-	-	7	7	25	-	-	1
London Airport	-	0	12	b	08·3	-09	33	29	-	-	-	0	-	-	-	-	1
Tangmere	010	01	13	bc	09·2	-03	31	30	-	-	1	3	-	-	3	75	1
Bournemouth (Hurn	160	03	13	c	08·2	-07	37	35	5	-	8	7	4	18	-	-	1~~4~~
Boscombe Down	170	03	23	c	09·1	-07	32	29	5	-	2	7	5	30	-	-	0
Felixstowe	270	01	48	c	10·0	-07	34	28	5	-	-	8	8	20	-	-	0
Gorleston	280	02	48	c	09·1	-07	34	25	5	2	-	7	6	20	-	-	0
West Raynham	190	08	26	c	07·9	-09	28	26	5	-	-	8	8	32	-	-	3
Mildenhall	180	05	23	o	08·2	-08	31	26	6	-	-	8	8	11	-	-	1
Cranfield	170	06	32	c	07·9	-09	34	29	6	-	-	8	8	24	-	-	5
Elmdon	180	04	32	o	06·4	-10	33	30	6	-	-	8	8	09	-	-	5
Cottesmore	220	10	19	o	08·0	-04	32	29	6	-	-	8	8	07	-	-	5
Watnall	200	08	14	c	06·4	-12	33	32	-	7	-	8	-	-	8	60	1
Ross-on-Wye	200	06	09	o	06·4	-09	37	32	6	-	-	8	8	15	-	-	1
Shawbury	160	09	32	c	05·0	-15	35	32	5	3	-	7	5	30	-	-	1
Bristol	150	06	14	c	07·3	-08	35	34	5	-	-	7	7	16	-	-	1
Plymouth	180	05	58	c	06·9	-06	46	43	5	-	-	7	7	29	5	21	1
Chivenor	110	04	43	c	06·1	-07	43	39	6	7	-	7	6	12	-	-	1
St. Eval	170	11	58	bc	06·0	-02	44	43	5	3	-	4	2	14	-	-	1
Culdrose	200	11	58	bc	06·9	-06	46	44	5	-	-	5	5	18	-	-	1
Scilly, St. Mary's	170	13	60	bc	04·5	-06	48	45	5	-	-	5	5	15	-	-	1
Guernsey	160	10	58	b	08·8	-02	41	39	1	-	-	1	1	12	-	-	1
Aberporth	180	15	28	ir$_o$	03·2	-17	44	41	6	2	-	8	8	25	6	08	1
Pembroke Dock	210	09	58	c	04·2	-08	48	45	6	-	-	8	8	20	6	11	1
Holyhead (Valley)	180	15	17	dr	01·6	-23	44	44	6	-	-	8	8	05	-	-	1
Manchester	170	13	17	c	04·2	-15	34	30	5	-	-	8	8	25	-	-	1
Squires Gate	160	16	10	c	02·6	-22	35	32	5	-	-	8	8	56	3	30	1
Silloth	190	11	28	c	00·6	-37	41	37	5	-	-	8	8	30	-	-	1
Lindholme	180	11	19	c	05·5	-12	34	31	5	-	-	8	8	26	-	-	0
Spurn Head	180	16	32	c	06·8	-14	37	30	5	-	-	8	8	20	-	-	0
Dishforth	120	08	19	c	03·8	-18	34	30	5	-	-	8	8	20	-	-	1
Tynemouth	230	11	16	c	02·2	-20	35	28	5	-	-	8	8	36	-	-	1
Leuchars	210	15	46	c	97·8	-31	38	33	5	7	-	8	6	40	-	-	1
Eskdalemuir	-	0	48	o	00·8	-25	32	31	6	-	-	8	8	07	-	-	5
Prestwick	190	14	44	ir$_o$	98·1	-30	42	39	5	2	-	8	5	20	2	14	2
West Freugh	200	10	58	ir$_o$	98·5	-26	45	43	6	2	-	8	7	27	3	18	1
Ronaldsway	210	13	58	r$_o$r$_o$	00·5	-24	45	43	6	-	-	8	8	13	-	-	1
Tiree	220	05	61	c/r	94·6	-20	40	39	7	2	-	8	2	12	-	-	1
Benbecula	300	08	62	r$_o$r$_o$	94·5	-11	40	39	6	-	-	8	8	15	-	-	1
Stornoway	250	10	66	r$_o$r$_o$	93·4	-10	38	36	7	2	-	8	8	50	3	20	2
Cape Wrath	230	13	82	bc	92·8	-24	35	32	8	-	-	5	5	20	-	-	1
Sule Skerry	230	19	80	ir	92·1	-31	42	38	6	-	-	8	8	10	-	-	2
Renfrew	190	12	48	ir$_o$	97·8	-28	40	38	6	-	-	8	7	37	3	12	1
Dyce	200	11	48	c	97·2	-28	36	34	5	-	-	8	8	40	1	18	3
Wick	230	06	50	rr	93·5	-32	38	35	-	2	-	8	8	19	-	-	2
Lerwick	230	18	66	ir$_o$	92·1	-31	39	37	6	2	-	8	4	09	-	-	2
Blacksod Point	160	05	61	ir	96·6	-33	44	44	7	-	-	8	8	50	7	11	
Malin Head	190	13	21	c	96·3	-22	42	40	5	-	-	8	8	21	-	-	
Aldergrove	190	09	40	ir$_o$	99·5	-21	42	40	6	-	-	8	8	16	5	08	1
Castle Archdale	160	03	48	rr	98·0	+23	41	41	7	2	-	8	8	28	5	07	2
Birr Castle	190	09	61	r$_o$r$_o$	98·1	-27	47	46	6	2	-	8	7	18	2	13	
Collinstown	190	04	40	r$_o$r$_o$	99·9	-25	44	42	6	-	-	8	8	25	5	17	
Rineanna	190	12	69	c	98·9	-19	48	45	5	7	-	7	6	45	2	18	
Valentia	170	15	62	o	98·5	-14	51	49	6	-	-	8	8	07	-	-	
Midleton	190	12	59	o	00·4	-13	49	47	6	-	-	8	8	30	7	11	

OBSERVATIONS during DAY

STATIONS (For heights see p. 4)	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	bccz$_o$	cz$_o$cm	38	2·5	-
London Airport	cz$_o$bz$_o$	bz$_o$cfcm	37	*	-
Tangmere	cm$_o$bz$_o$	bcmbcfx	40	2·4	-
Bournemouth (Hurn	cm$_o$xcz~~4~~	czcmcm$_o$	41	*	-
Boscombe Down	cm$_o$bcm$_o$	cm$_o$bcmx	34	1·2	Tr
Felixstowe	cz$_o$	cz$_o$m$_o$	35	0·0	-
Gorleston	om$_o$	om$_o$cm	35	0·0	-
West Raynham	cm$_o$xz$_o$m$_o$	cm$_o$	33	0·0	-
Mildenhall	cz$_o$	bm$_o$cm	34	0·0	-
Cranfield	cz$_o$cm$_o$	cm$_o$	35	0·0	-
Elmdon	c	c	35	0·3	-
Gorleston	cm$_o$bm$_o$	cm$_o$om$_o$cz$_o$	35	0·5	-
Cottesmore	cm$_o$bm	cmm$_o$	35	0·0	-
Watnall	om$_o$ cm$_o$o2$_o$	o2om	40	0·0	-
Ross-on-Wye	cm$_o$xcm$_o$	cm$_o$	38	0·0	-
Shawbury	cz$_o$m	cmfcm	40	0·0	-
Bristol	cm$_o$cic$_o$cm$_o$	cm$_o$bcm$_o$c	43	0·8	-
Plymouth	cm$_o$	cm$_o$	45	1·4	-
Chivenor	bccir$_o$bc	cbcm$_o$cm$_o$w	48	3·5	Tr
St. Eval	c	cbcc	48	1·2	-
Culdrose	bcc$_o$	cbc	50	1·8	-
Scilly, St. Mary's	cbcb	bbc	43	2·8	-
Guernsey	ccir$_o$cm$_o$	cir$_o$m$_o$cm$_o$	46	0·0	0·4
Aberporth	cm$_o$	cir$_o$cm$_o$	48	0·0	Tr
Pembroke Dock	cm$_o$cir$_o$d	cir$_o$dcrm	48	0·0	7
Holyhead (Valley)	ccirm	cmcrofm	37	0·0	1
Manchester	cm$_o$xis$_o$cm	cmcrfm$_o$	36	0·0	3
Squires Gate	cm$_o$cir$_o$m$_o$	cmcrf$_o$m$_o$	41	0·0	0·2
Silloth	cm$_o$	cm$_o$cm	35	0·0	-
Lindholme	om$_o$	om$_o$	34	0·0	-
Spurn Head	cz$_o$cm	emshcmcshf	34	0·0	Tr
Dishforth	bm$_o$cff	cffcm	35	0·0	-
Tynemouth	cm$_o$id$_o$	cm$_o$	39	0·0	Tr
Leuchars	cm$_o$	orsm$_o$	33	0·0	2
Eskdalemuir	cd$_o$r$_o$ir$_o$cm$_o$c	cir$_o$r$_o$d r$_o$r$_o$m$_o$	44	0·0	2
Prestwick	cr$_o$r$_o$m$_o$	cir$_o$rrm$_o$	45	0·0	4
West Freugh	ccir$_o$c	ccr$_o$r$_o$RR	47	0·0	5
Ronaldsway	cir$_o$d$_o$d$_o$	cRRr$_o$r$_o$	44	0·0	6
Tiree	cr$_o$r$_o$ccrr	cr$_o$r$_o$c	42	0·0	7
Benbecula	cRRRRr$_o$r$_o$	cr$_o$r$_o$	41	0·0	7
Stornoway	prs	pr	40	*	4
Cape Wrath			48	*	5
Sule Skerry	cid$_o$r$_o$	cr$_o$m$_o$	45	0·0	2
Renfrew	cm$_o$x	cxm$_o$	37	0·0	-
Dyce	cm$_o$	crr$_o$r$_o$r$_o$	40	0·0	6
Wick	c	cir$_o$r$_o$r$_o$	39	0·0	0·5
Lerwick	r	r	50	0·0	7
Blacksod Point	c	r	42	0·0	Tr
Malin Head	cm$_o$	cir$_o$r$_o$m$_o$	45	0·0	3
Aldergrove	cm$_o$	crrm$_o$	42	0·0	5
Castle Archdale	c	r	50	0·0	2
Birr Castle	c	f	48	0·0	1
Collinstown	f	r	50	0·0	0·4
Rineanna	r	r	51	0·0	3
Valentia	r	r	50	0·0	1
Midleton					

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med. †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52° 54′	18° 48′	991	-36	170	18	id$_o$	r	52	51	50	26	6	-	-	8	8	3
WEATHER OBSERVER	59° 6′	18° 36′	973	+03	030	30	bc/pk	p	41	48	37	26	3	-	-	5	5	3½
POLAR FRONT	65° 54′	01° 48′E	1004	-09	340	20	jp	p	30	37	23	09	9	6	-	4	6	5
CIRRUS	45° 54′	16° 12′	1002	+07	350	08	cf	c	55	55	55	05	6	-	-	6	6	6½
WEATHER EXPLORER	61° 54′	33° 0′	1017	-04	360	20	jp	p	33	41	27	28	8	-	-	8	8	8
U.S. SHIP 'C'	52° 18′	32° 48′	985	-22	070	45	c	r	46	49	44	24	7	-	-	8	8	29
U.S. SHIP 'D'	44° 0′	41° 0′	986	-25	160	07	r$_o$r$_o$	bc	38	38	35	01	7	-	-	8	8	6½
AVONDENE	46° 36′	09° 18′	1001	+05	110	16	c	c	54	55	53	28	5	-	-	8	8	5
ARAKAKA	46° 6′	22° 30′	998	+06	190	16	c	c	58	59	58	27	5	-	-	8	8	*
MATINA	48° 48′	12° 42′	1000	+00	150	14	ir$_o$	c	51	53	52	27	6	-	-	8	8	*

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med. †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58° 12′	18° 36′	997	+05	040	35	bc	p	52	58	82	28	3	-	-	5	5	22½
LE VERRIER	52° 48′	18° 36′	986	-11	180	24	o	d	54	52	52	26	6	-	-	8	8	3
CIRRUS	45° 0′	16° 6′	1003	+12	220	12	c	f	55	55	54	56	5	4	2	7	8	5
POLAR FRONT	65° 54′	01° 48′E	1003	-17	360	12	bc	p	28	44	25	29	9	-	-	3	4	5
U.S. SHIP 'A'	62° 0′	33° 0′	1015	-11	020	08	c	c	33	40	17	29	5	-	-	7	7	5
U.S. SHIP 'C'	52° 24′	32° 30′	983	-07	050	43	r$_o$r$_o$	r	44	49	42	59	7	2	-	6	8	29
U.S. SHIP 'D'	44° 0′	41° 0′	972	-19	140	07	c	r	59	58	55	64	8	3	4	4	7	6½
BRITISH MARQUIS	40° 12′	09° 24′	1008	+01	270	18	c	c	60	59	58	50	4	-	-	8	8	5
BEAVER LODGE	50° 18′	24° 42′	983	+00	210	27	c/pr	d	55	51	53	27	6	1	-	7	8	8
CALCHAS	43° 48′	08° 24′	1002	-00	340	11	c/pr	c	55	56	53	28	5	-	-	8	8	6½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100s of feet; 56-80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Sunday 9th January.

1955

Clark's Projection Scale 1 : 4 × 10⁷ along meridian at 35° 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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm ⊤ Thunder ≡ Fog ═ Mist

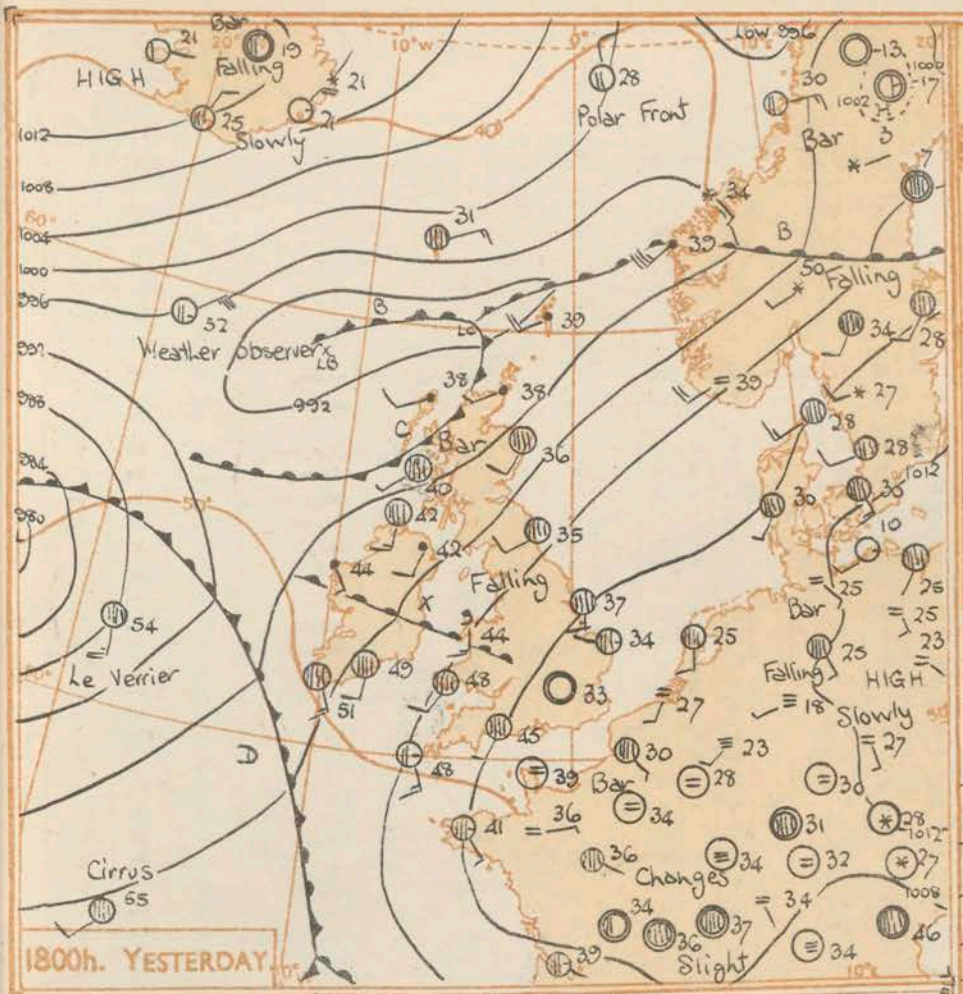
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

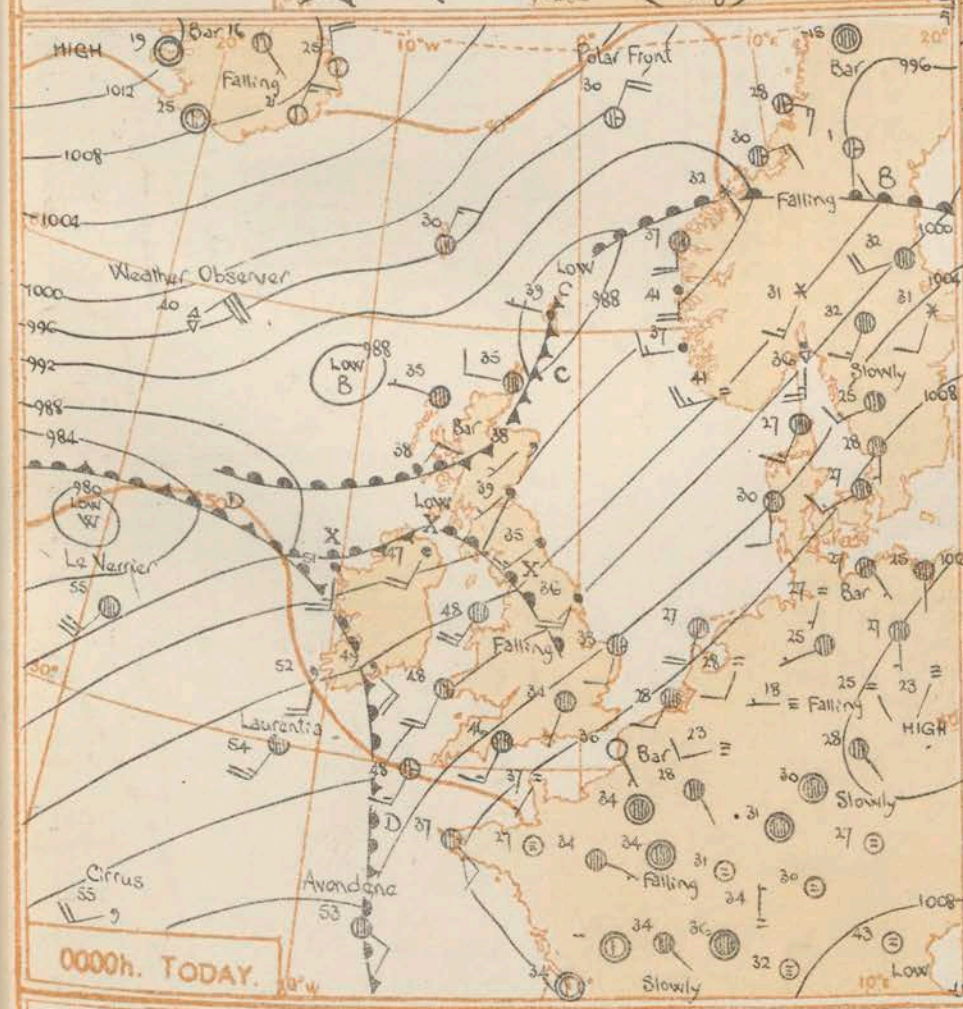
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

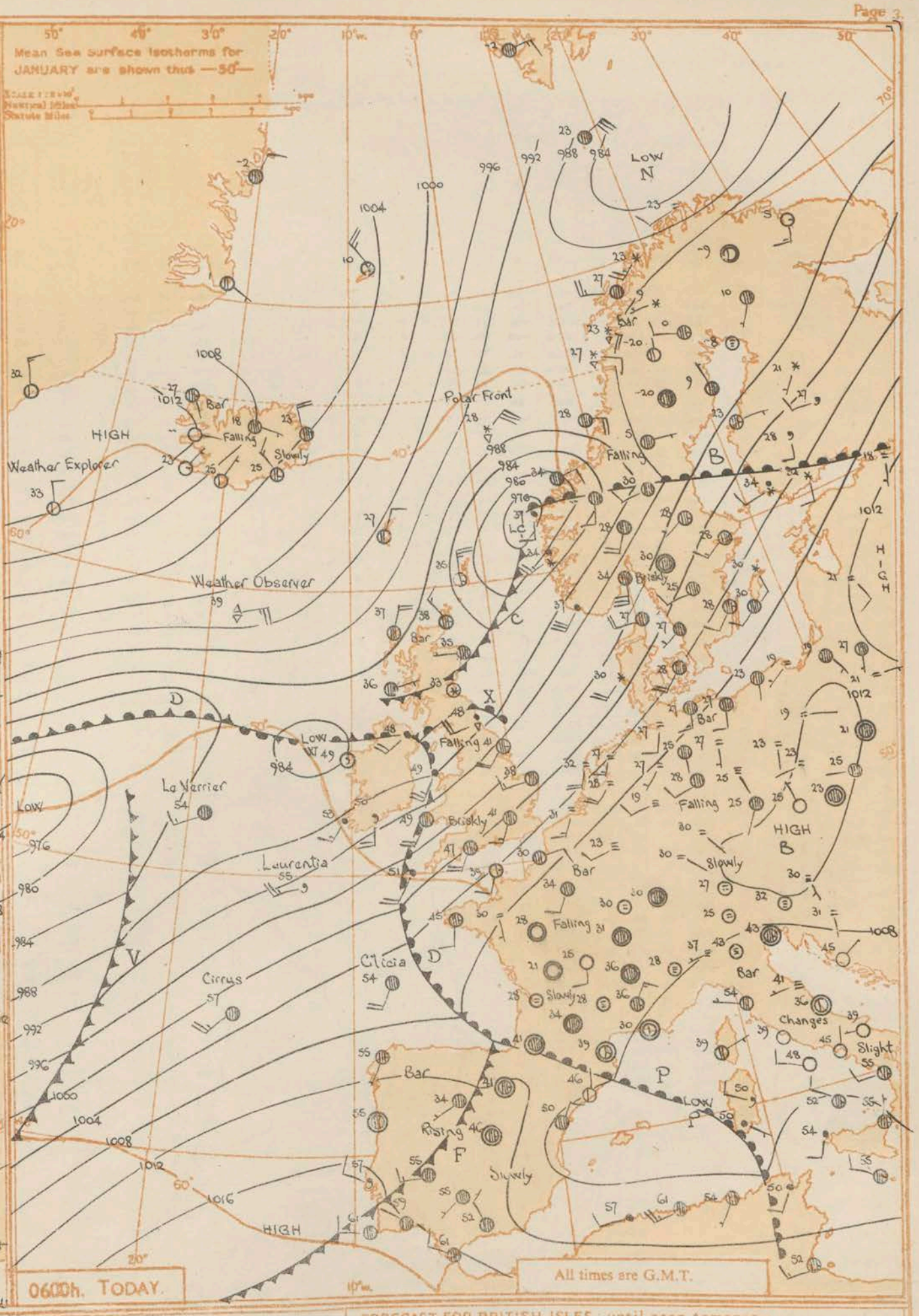
Short strokes across the frontal line indicate Frontolysis.

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.







GENERAL SYNOPTIC DEVELOPMENT :-

Issued at Mid-day. today Monday 10th January. 1955

The depression which was centred to the northwest of Scotland yesterday morning has been transferred towards Norway, and its cold front extends to the south of Scotland and Northern Ireland. A mild southwesterly airstream has been established over England and Wales. The cold front is expected to move south across northern parts of England and across much of Ireland, but will probably return northwards later.

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Mild and cloudy over England and Wales with periods of rain in the north and with occasional rain, elsewhere. Becoming colder in the north with rain turning to snow over high ground and also in places at low levels. Cold over Scotland with showers of rain, snow or hail, but with a period of general snow in the south at first. Cold and cloudy over Northern Ireland with rain at times, turning to snow in places.

OUTLOOK FOR the following 24 hours:-

Rain at times in the south. Rain or snow at times in the north.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 10th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	36	*	*	*	*	*	*	*	*	*
London Airport	82	190	06	40	c	07·1	-11	34	31	-	-	7	8	-	-	8	13
Tangmere ...	53	—	0	08	f+	08·5	-06	31	30	6	-	-	7	7	03	-	-
Bournemouth (Hurn	34	200	14	64	c	06·3	-14	44	38	5	-	7	8	2	20	-	-
Boscombe Down	414	190	05	23	c	06·8	-19	37	37	5	7	-	7	4	20	-	-
Felixstowe ...	10	220	07	48	c	07·5	-15	38	35	-	1	-	8	-	-	8	62
Gorleston ...	5	190	11	21	c	06·4	-15	33	30	6	-	-	7	7	20	-	-
West Raynham	250	190	13	32	c	04·6	-21	34	32	-	-	7	8	7	-	8	70
Mildenhall ...	15	230	09	19	c	04·8	-22	37	32	-	-	7	8	-	-	8	73
Cranfield ...	340	200	14	24	c	04·8	-26	37	34	-	-	7	7	-	-	7	70
Elmdon ...	324	200	12	48	c	02·5	-21	38	35	5	-	-	8	8	56	1	09
Cottesmore ...	440	200	14	37	c	04·2	-17	35	32	5	-	-	8	8	25	-	-
Watnall ...	366	210	13	34	dd_o	02·2	-30	37	37	6	1	-	8	7	67	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	190	11	48	c	00·7	-24	41	38	5	7	-	8	7	18	-	-
Bristol ...	192	200	10	48	c	04·4	-19	42	39	-	7	-	8	-	-	8	59
Plymouth ...	90	220	11	61	c	05·3	-17	48	45	5	-	-	8	8	26	-	-
Chivenor ...	20	180	08	48	bc	04·6	-12	43	40	-	-	8	3	-	-	3	70
St. Eval... ...	336	190	11	3657	bc	03·9	-18	46	43	5	3	-	3	2	20	-	-
Culdrose ...	260	200	22	58	c	05·6	-13	48	46	5	4	-	7	6	20	-	-
Scilly, St. Mary's	158	190	14	63	bc	03·2	-16	48	44	5	-	-	5	5	15	-	-
Guernsey ...	340	170	14	58	c	08·4	-09	41	37	6	-	1	6	6	10	-	-
Aberporth ...	375	200	20	56	c	00·6	-21	47	43	6	-	-	8	7	10	-	-
Pembroke Dock	34	200	18	60	c	02·3	-13	48	45	6	-	-	7	7	25	1	10
Holyhead (Valley)	32	200	25	57	c	01·2	-24	48	47	6	-	-	8	8	13	6	08
Manchester ...	248	170	19	26	c	99·0	-30	40	36	5	-	-	8	8	25	6	16
Squires Gate ...	33	190	17	58	c/r	97·1	-35	43	42	3	-	-	8	8	35	1	22
Silloth	25	220	20	23	rr	02·5	-51	46	46	7	-	-	8	8	10	-	-
Lindholme ...	21	160	11	19	o	00·1	-31	39	35	6	-	-	8	8	12	-	-
Spurn Head ...	29	190	20	32	ro_r	02·6	-32	36	33	7	-	-	8	8	12	-	-
Dishforth ...	105	170	10	17	ro_r	97·4	-44	38	37	5	-	-	8	8	16	-	-
Tynemouth ...	108	230	16	16	ro_r	95·4	-43	35	33	6	-	-	8	8	18	-	-
Leuchars ...	36	220	07	40	cir	92·1	-25	39	37	6	-	-	8	8	30	6	12
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	070	04	44	rr	91·2	-42	42	39	7	2	-	8	8	14	2	11
West Freugh ...	50	210	23	56	ro_r	90·7	-50	47	47	6	2	-	8	8	19	7	06
Ronaldsway ...	55	210	21	48	ro_r	93·9	-34	48	46	7	-	-	8	8	04	-	-
Tiree	29	030	09	59	rr	91·1	-29	38	36	7	2	-	8	8	20	6	11
Benbecula ...	18	—	0	82	c	91·3	-18	37	37	5	7	-	8	5	20	-	-
Stornoway ...	10	280	05	80	c	90·7	-18	38	33	8	7	-	8	6	30	1	16
Cape Wrath ...	367	320	13	83	c	90·0	-22	39	34	2	-	-	7	7	25	-	-
Sule Skerry ...	43	320	05	82	bc	88·8	-14	39	36	2	-	-	4	4	15	-	-
Renfrew ...	28	220	05	37	ro_r	91·6	-37	41	39	5	-	-	8	8	27	-	-
Dyce	185	230	08	48	do_r	91·4	-24	38	36	5	-	-	8	7	21	-	-
Wick	119	280	11	80	c	89·0	-17	35	33	5	7	-	8	6	27	-	-
Lerwick ...	269	290	06	66	ro_r	85·7	-48	39	39	6	1	-	8	4	10	-	-
Blacksod Point	18	180	27	64	ro_r	90·1	-29	51	49	7	-	-	8	8	29	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	200	20	28	ir	90·6	-66	47	47	7	2	-	8	8	25	6	12
Castle Archdale	225	210	14	58	id$_o$	91·1	-30	47	46	7	2	-	8	6	09	-	-
Birr Castle ...	231	200	16	66	c	93·8	-27	50	46	5	-	-	8	8	16	-	-
Collinstown ...	226	210	19	66	c/d	94·5	-29	49	43	6	-	-	7	7	35	6	28
Rineanna ...	10	200	19	69	c	94·7	-28	51	47	6	-	-	8	8	40	6	28
Valentia ...	30	180	18	48	id$_o$	94·9	-21	52	50	6	-	-	8	8	03	-	-
Midleton ...	30	190	22	32	do_r	97·1	-25	49	49	6	-	-	8	8	08	-	-

OBSERVATIONS at 06h. G.M.T. 10th January 1955

Stations	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: † Ht.	09 h. State of ground †
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	200	16	61	c	01·9	-25	41	38	6	3	-	8	7	30	-	-	1
London Airport	200	16	58	c	02·4	-17	41	38	5	-	-	8	8	20	2	14	1
Tangmere ...	230	14	24	c/r	04·6	-28	41	38	6	7	-	8	4	10	-	-	1
Bournemouth (Hurn	200	18	66	c	02·5	-24	46	41	5	-	-	8	8	45	3	15	1
Boscombe Down	220	17	28	c	02·1	-31	43	41	5	-	-	8	8	18	-	-	1
Felixstowe ...	220	16	58	c	03·9	-23	39	36	-	-	2	6	-	-	6	70	0
Gorleston ...	230	17	48	c	00·9	-34	38	35	-	7	1	8	8	56	-	-	0
West Raynham	200	26	58	c	98·2	-41	37	35	6	7	1	6	2	08	-	-	1
Mildenhall ...	230	19	48	c	98·8	-40	41	36	-	3	7	8	-	-	5	60	1
Cranfield ...	200	18	29	c	99·6	-36	42	39	5	7	7	8	3	20	-	-	1
Elmdon ...	210	22	58	c	95·7	-51	44	41	6	-	-	8	8	12	4	09	1
Cottesmore ...	210	16	56	c	97·3	-44	41	37	5	-	-	8	8	12	-	-	5
Watnall ...	210	16	58	c	24·9	-48	42	40	6	-	-	8	8	14	6	09	1
Ross-on-Wye ...	230	15	60	c	96·9	-25	46	41	5	-	-	8	8	20	-	-	1
Shawbury ...	200	20	59	cr$_o$	94·1	-42	47	43	5	-	-	8	6	20	-	-	1
Bristol ...	230	20	48	c	99·0	-39	46	42	6	7	-	8	3	10	-	-	1
Plymouth ...	230	23	60	c	00·7	-37	49	45	6	-	-	8	8	18	5	10	1
Chivenor ...	190	23	56	c	99·1	-35	48	42	5	-	-	7	7	30	-	-	1
St. Eval... ...	190	23	48	c	99·0	-41	48	45	5	-	-	8	8	20	-	-	1
Culdrose ...	210	26	60	c/d	01·1	-34	49	46	6	-	-	8	8	15	3	10	1
Scilly, St. Mary's	200	22	58	cr$_o$	98·6	-48	51	49	6	-	-	8	8	08	-	-	1
Guernsey ...	190	21	60	c	05·9	-44	41	39	6	-	2	6	4	08	-	-	1
Aberporth ...	200	25	32	ro_r	24·3	-36	48	46	6	-	-	8	8	08	3	06	1
Pembroke Dock	200	22	58	c/r	95·7	-36	49	48	6	-	-	8	8	20	6	10	1
Holyhead (Valley)	200	26	19	RR	89·7	-44	49	49	6	-	-	8	8	05	4	03	2
Manchester ...	200	18	56	c	94·8	-45	45	40	5	-	-	8	8	27	2	16	2
Squires Gate ...	200	28	58	ro_r	89·8	-43	46	44	6	-	-	8	8	40	6	22	2
Silloth	210	25	16	rr	84·5	-39	47	46	7	-	-	8	8	07	-	-	2
Lindholme ...	200	21	61	c	92·6	-49	45	38	5	3	-	8	7	28	-	-	1
Spurn Head ...	200	22	56	c	94·7	-42	41	38	-	4	-	7	-	-	7	58	1
Dishforth ...	190	23	57	cr$_o$	89·1	-50	46	40	5	-	-	8	8	25	-	-	1
Tynemouth ...	230	18	66	pr$_o$	86·2	-47	48	42	5	-	-	8	8	30	-	-	2
Leuchars ...	0	10	35		86·8	-21	33	32	-	-	-	9	-	-	-	-	7
Eskdalemuir ...	240	22	56	RR	83·7	-30	46	45	7	-	-	8	8	05	-	-	7
Prestwick ...	030	15	48	rr	85·3	-22	37	36	7	2	-	8	8	22	2	07	2
West Freugh ...	210	23	40	rr	88·2	-37	49	48	6	-	-	8	8	06	-	-	1
Ronaldsway ...	220	23	48	rr	86·4	-40	49	47	7	-	-	8	8	06	-	-	1
Tiree	080	05	63	c	87·2	-18	36	35	7	-	-	8	8	20	3	10	1
Benbecula ...	010	09	82	c	88·8	-07	36	35	2	2	-	8	2	25	-	-	1
Stornoway ...	010	21	74	c/pr	89·1	-08	37	35	2	3	6	6	4	16	-	-	1
Cape Wrath ...	360	13	82	ph$_o$	87·9	-06	37	32	3	-	-	5	5	25	-	-	1
Sule Skerry ...	010	19	81	c	86·7	+03	39	34	8	-	-	6	6	15	-	-	1
Renfrew ...	—	0	19	ss	86·6	-14	33	33	-	-	-	9	3	00	-	-	7
Dyce	270	05	66	c	86·0	-30	35	33	5	-	-	8	8	30	-	-	1
Wick	330	16	82	c/pr	86·1	-08	38	33	3	3	8	7	4	20	-	-	2
Lerwick ...	360	27	74	bc/pr	81·2	-15	35	34	3	6	2	3	2	14	-	-	1
Blacksod Point	—	0	02	dr	84·5	-30	49	49	7	-	-	8	8	07	-	-	2
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	220	21	57	rr	84·2	-38	48	48	7	2	-	8	8	15	4	09	2
Castle Archdale	220	07	58	do_d	84·9	-27	48	48	6	-	-	8	7	10	-	-	2
Birr Castle ...	220	17	66	ir$_o$	86·8	-34	52	49	6	-	-	8	8	25	6	16	1
Collinstown ...	230	16	66	ro_r	87·3	-37	50	48	6	2	-	8	8	30	3	10	1
Rineanna ...	200	14	59	id$_o$	88·2	-33	51	49	6	-	-	8	8	14	1	09	1
Valentia ...	210	17	56	ro_r	88·9	-33	53	52	6	-	-	8	8	04	-	-	2
Midleton ...	180	20	16	dr	90·6	-34	50	50	6	-	-	8	8	04	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h.	Weather: 03h.–09h.	Temperature 21h.–09h.: Min. °F.	Temperature 21h.–09h.: Min. on Grass °F.	Rain 21h.–09h. mm.
	(39)	(40)	(41)	(42)	(43)
Kew	cmbxc	ccm$_o$	32	21	-
London Airport	cm$_o$	cy$_o$	31	27	-
Tangmere ...	bcfxcm$_o$	cir$_o$cm$_o$	28	22	Tr
Bournemouth (Hurn	cm$_o$e	ccm$_o$	41	32	-
Boscombe Down	cmx cm$_o$	cm$_o$cir$_o$m$_o$	32	27	Tr
Felixstowe ...	cm$_o$	cm$_o$wc	35	30	Tr
Gorleston ...	cm$_o$xc	om$_o$	29	27	-
West Raynham	cm$_o$m m$_o$	cm$_o$	33	31	-
Mildenhall ...	cmcm$_o$	cm$_o$	34	30	-
Cranfield ...	cm$_o$	cm$_o$cir	35	32	-
Elmdon ...	c	ceir$_o$	35	35	Tr
Cottesmore ...	cbcmcm$_o$	cm$_o$r$_o$r$_o$m$_o$	34	31	Tr
Watnall ...	cm$_o$d$_o$d$_o$r$_o$d$_o$	cm$_o$r$_o$r$_o$	35	33	0·8
Ross-on-Wye ...	o m$_o$	o	40	36	Tr
Shawbury ...	cm$_o$z$_o$	ccir$_o$	38	36	0·2
Bristol ...	cm	cir$_o$c	40	36	Tr
Plymouth ...	c	ceir$_o$m$_o$	47	42	Tr
Chivenor ...	cm$_o$	cm$_o$cr$_o$id$_o$m$_o$	42	36	0·1
St. Eval... ...	cm$_o$ub cm$_o$	cm$_o$cir$_o$m$_o$id	44	41	Tr
Culdrose ...	c	coid$_o$	45	41	Tr
Scilly, St. Mary's	bcc	coidoir	48	*	Tr
Guernsey ...	bccbc	bcc	40	36	-
Aberporth ...	cm$_o$	ccid$_o$r$_o$r$_o$crrm$_o$	46	44	4
Pembroke Dock	cm$_o$	cm$_o$cir$_o$m$_o$	48	45	1
Holyhead (Valley)	cr$_o$r$_o$ m$_o$	om$_o$RRrr	47	47	9
Manchester ...	cr$_o$r$_o$ mcir$_o$	cr$_o$r$_o$	36	35	2
Squires Gate ...	cr$_o$r$_o$ cm$_o$	cm$_o$r$_o$r$_o$rrcm$_o$	36	36	8
Silloth	crrm$_o$	crrm	40	38	26
Lindholme ...	cmir$_o$cm	cm$_o$ccir$_o$m$_o$	35	32	Tr
Spurn Head ...	or$_o$r$_o$	o	33	*	0·3
Dishforth ...	od$_o$df$_o$r$_o$m$_o$cm$_o$	cm$_o$cr$_o$r$_o$m$_o$	34	33	0·6
Tynemouth ...	cr$_o$r$_o$r mcq	cqprocrr	35	33	2
Leuchars ...	cm$_o$id$_o$crr	crrmsssmcrss$_o$	32	32	11
Eskdalemuir ...	ors m$_o$	cRRossm$_o$	32	32	39
Prestwick ...	cr$_o$r$_o$rrm$_o$	crod$_o$rrrsm$_o$	35	34	28
West Freugh ...	crr RRm$_o$	crr id$_o$m$_o$	40	40	14
Ronaldsway ...	RR rr o	cir$_o$r$_o$r$_o$rr	47	42	3
Tiree	crrr$_o$d$_o$r$_o$r$_o$	crrr$_o$r$_o$	36	32	10
Benbecula ...	c	cpr$_o$c	35	31	0·4
Stornoway ...	ccprc	ccpr$_o$bc	34	29	0·4
Cape Wrath ...	phr	phr	35	31	3
Sule Skerry ...	*	*	36	32	0·6
Renfrew ...	cr$_o$r$_o$rm	crrosss	32	32	22
Dyce	cm$_o$r$_o$d$_o$	cd$_o$r$_o$cir$_o$s$_o$	34	32	1
Wick	cr$_o$r$_o$c	cpr$_o$bc	34	31	0·3
Lerwick ...	cr$_o$r$_o$ c	cepr$_o$ps$_o$ph$_o$	32	30	5
Blacksod Point	r	r	43	43	18
Malin Head ...	*	*	37		29
Aldergrove ...	cir$_o$id$_o$rrm$_o$	crrd$_o$d$_o$m$_o$	39	38	11
Castle Archdale	cr$_o$r$_o$m$_o$	cr$_o$r$_o$m$_o$	37	35	13
Birr Castle ...	r	r	48	46	4
Collinstown ...	r	r	47	43	4
Rineanna ...	c	r	48	47	4
Valentia ...	r	r	50	48	13
Midleton ...	r	r	49	46	3

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med. †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	50° 48′	18° 42′	985	+20	210	28	o	r	55	53	52	97	7	-	-	8	8	8
WEATHER OBSERVER	59° 06′	18′ 42′	999	00	040	28	ph$_o$	p	40	48	32	96	3	-	-	7	7	11½
CIRRUS	45° 06′	16° 00′	1003	+00	230	20	d$_o$d$_o$	c	55	55	55	50	6	-	-	8	8	6½
POLAR FRONT	65° 54′	01° 42′E	997	-22	020	19	bc	c	30	37	19	99	9	6	5	8	5	5
WEATHER EXPLORER	62° 00′	33° 00′	1013	-06	360	07	b	bc	33	40	20	99	5	-	-	1	1	6½
U.S. SHIP 'C'	52° 18′	33° 36′	983	+10	050	45	ro_r	r	45	47	41	61	7	2	-	7	8	25½
U.S. SHIP 'D'	44° 00′	41° 00′	974	+10	290	10	c	c	58	59	55	65	3	7	-	3	6	6½
LAURENTIA	50° 00′	11° 42′	997	+01	200	24	c/pr	p	52	55	51	98	4	-	-	8	8	5
AVONDENE	46° 24′	08° 18′	1006	+10	120	08	c/d	d	53	55	53	40	-	-	-	9	9	*
IRISH PINE	46° 06′	32° 30′	990	+25	230	24	c/pr	p	59	60	56	97	3	-	-	8	8	5½

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med. †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	51° 30′	19° 00′	985	+04	230	16	c	c	54	53	46	96	6	-	-	3	8	9½
WEATHER OBSERVER	59° 00′	18° 48′	999	+05	080	25	ph$_o$	p	39	48	33	98	3	-	-	7	7	11
CIRRUS	45° 00′	16° 00′	1003	+00	220	26	c	r	37	57	57	56	7	2	-	6	8	8
POLAR FRONT	65° 54′	01° 54′E	991	-29	040	29	ps	p	28	37	27	39	9	-	-	8	8	5
WEATHER EXPLORER	62° 00′	33° 00′	1011	-10	340	08	b	bc	33	40	20	99	5	-	-	2	2	5
U.S. SHIP 'C'	51° 48′	34° 42′	983	00	050	20	c/r	r	46	47	40	65	7	2	-	6	8	24
U.S. SHIP 'D'	44° 00′	41° 00′	978	+25	270	15	bc	c	56	60	50	65	5	-	-	5	5	8
CILICIA	46° 18′	08° 12′	1004	00	210	18	o	c	54	53	46	98	7	-	-	8	8	6½
IRISH PINE	46° 24′	31° 12′	983	+15	220	24	c	bc	59	56	56	97	2	-	-	6	6	9½
LAURENTIA	49° 18′	13° 24′	993	-08	230	24	cd$_o$	d	55	55	56	97	6	-	-	8	8	5

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*Information not usually received.

† Code figure (see Introduction)

No. 34018

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Tuesday 11th January 1955

OBSERVATIONS at 12h. G.M.T. 10th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. °Dew point °F. (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	200	21	56	ir.	995	-36	44	41	7	-	-	8	8	18	5	12
London Airport	200	23	56	ir.	995	-36	42	43	7	2	-	8	7	15	4	12
Tangmere	200	18	48	c/r	998	-34	43	41	7	-	-	8	8	15	7	07
Bournemouth (Hurn	230	16	34	d.d.	996	-38	48	43	7	-	-	8	8	11	6	07
Boscombe Down	220	16	17	d.d.	996	-38	46	46	6	-	-	8	8	06	6	03
Felixstowe	220	23	57	ir.	996	-42	42	38	7	7	-	8	7	14	1	07
Gorleston	230	24	40	r.r.	994	-39	41	39	7	-	-	8	8	18	-	-
West Raynham	200	32	37	rr	991	-37	42	41	6	2	-	8	8	07	3	05
Mildenhall	220	21	37	RR	992	-40	45	42	7	2	-	8	7	15	1	08
Cranfield	220	28	58	ir.	992	-41	45	43	5	-	-	8	8	15	-	-
Elmdon	210	32	48	rr	990	-40	47	45	6	-	-	8	8	08	6	04
Cottesmore	200	27	32	rr	990	-36	43	43	7	-	-	8	8	13	6	06
Watnall	200	21	23	r.r.	988	-35	45	45	6	-	-	8	8	18	4	08
Ross-on-Wye	230	14	57	ir.	991	-38	49	47	7	-	-	8	8	10	-	-
Shawbury	210	12	58	rr	988	-28	50	48	7	2	-	8	8	30	3	12
Bristol	230	16	19	ir	992	-41	50	48	6	-	-	8	8	20	5	07
Plymouth	250	13	20	d.d.	995	-31	51	50	-	2	-	8	8	02	-	-
Chivenor	220	30	59	d.	993	-24	513	51	6	2	-	8	8	10	7	05
St. Eval	210	26	22	dd	998	-22	52	52	6	-	-	8	8	02	5	01
Culdrose	220	24	05	d.d.	996	-23	51	51	-	-	-	9	-	-	-	-
Scilly, St. Mary's	220	18	06	fr	998	-16	52	52	-	-	-	9	-	-	-	-
Guernsey	170	22	48	c	000	-29	45	45	6	-	-	8	8	04	5	02
Aberporth	240	25	28	dr	988	-21	52	50	6	-	-	8	8	05	-	-
Pembroke Dock	220	18	26	d.d.	993	-24	51	51	6	-	-	8	8	05	-	-
Holyhead (Valley)	230	25	57	o	984	-22	50	49	6	-	-	8	8	05	-	-
Manchester	180	21	56	rr	985	-36	47	45	6	-	-	8	8	20	4	08
Squires Gate	220	19	48	c/r	984	-29	47	47	6	-	-	8	8	20	3	10
Silloth	040	14	28	d.d.	984	+09	37	36	7	2	-	8	8	15	7	02
Lindholme	210	13	58	c/r	985	-23	48	44	6	2	-	8	6	23	3	10
Spurn Head	200	25	48	c	988	-19	44	44	7	-	-	8	8	15	-	-
Dishforth	190	17	57	ir.	987	-33	48	46	7	-	-	8	8	25	5	14
Tynemouth	360	16	48	d.d.	985	+04	38	35	6	-	-	8	8	18	-	-
Leuchars	240	03	56	c/s	986	-02	34	33	7	-	-	8	8	31	4	12
Eskdalemuir	060	08	40	ss	985	-10	33	32	7	-	-	8	8	04	-	-
Prestwick	050	11	57	r.s.	985	-01	36	34	7	-	-	8	8	11	3	05
West Freugh	020	05	58	id.	983	-00	39	38	5	7	-	8	7	28	1	10
Ronaldsway	290	03	61	c/a	982	-15	49	47	6	-	-	8	8	07	2	04
Tiree	030	18	87	jp	988	+00	39	29	5	2	7	8	2	14	-	-
Benbecula	020	16	85	c	990	+10	37	29	8	7	6	7	4	30	3	25
Stornoway	350	13	80	bc/ps	991	+00	34	30	3	3	-	5	3	18	1	14
Cape Wrath	360	13	83	bc	989	+01	34	25	3	-	-	5	5	25	-	-
Sule Skerry	360	19	82	c	991	+03	35	28	8	-	-	7	7	10	-	-
Renfrew	-	0	08	ir.	986	-00	34	33	6	-	-	8	8	16	4	08
Dyce	330	11	74	c	986	+00	36	33	5	7	-	7	3	25	-	-
Wick	320	12	75	bc/ps	987	+03	40	30	9	3	-	3	2	20	-	-
Lerwick	330	13	84	bc/ps	983	+06	35	31	9	-	3	5	3	21	2	07
Blacksod Point	040	30	62	ir.	986	+20	41	39	7	-	-	8	8	29	4	09
Malin Head	010	09	59	ir	987	+03	36	34	7	-	-	8	8	11	-	-
Aldergrove	020	11	46	r.s.	985	+03	38	37	6	-	-	8	8	08	1	03
Castle Archdale	030	09	58	r.s.	986	+20	43	43	5	-	-	8	8	16	-	-
Birr Castle	270	15	70	c	985	-00	52	50	6	-	-	7	7	23	6	15
Collinstown	260	14	48	d/r	984	-04	52	50	6	-	-	8	8	06	3	03
Rineanna	250	18	74	c/cl	987	+03	52	51	6	3	2	7	5	56	3	09
Valentia	220	15	58	dr	989	00	53	53	6	-	-	8	8	06	-	-
Midleton	230	12	66	c	989	+02	54	50	6	7	-	7	3	12	-	-

OBSERVATIONS at 18h. G.M.T. 10th January 1955

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. °Dew point °F. (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	210	19	34	c/r	997	-18	50	48	7	7	-	8	7	15	4	10	1
London Airport	200	17	56	c	997	-19	50	49	6	-	-	8	8	11	6	06	1
Tangmere	230	18	19	d.d.	994	-22	49	48	6	-	-	8	8	02	-	-	1
Bournemouth (Hurn	230	14	52	c/r	991	-25	52	51	7	-	-	8	8	05	5	03	1
Boscombe Down	250	12	66	o	991	-14	51	51	6	-	-	8	8	06	-	-	1
Felixstowe	230	15	48	o	990	-17	45	40	6	-	-	8	8	12	-	-	1
Gorleston	210	24	57	e	986	-22	47	44	7	-	-	8	7	15	-	-	2
West Raynham	230	23	56	o/d	985	-20	48	48	6	-	-	8	8	04	-	-	2
Mildenhall	220	17	63	o	986	-15	50	48	6	-	-	8	8	20	7	12	1
Cranfield	240	20	63	c	987	-16	50	48	5	7	-	6	3	15	-	-	1
Elmdon	230	13	50	c	986	-09	51	46	5	-	-	6	6	24	-	-	1
Cottesmore	240	18	61	c/r	986	-14	50	47	5	-	-	8	8	16	-	-	1
Watnall	240	08	14	dd	984	-06	50	50	7	-	-	8	8	05	6	03	2
Ross-on-Wye	240	14	70	c	987	-15	53	49	6	-	-	8	8	20	-	-	1
Shawbury	240	09	62	c	985	-03	51	48	6	-	-	7	6	33	3	10	2
Bristol	240	20	32	r.r.	988	-14	51	51	7	-	-	8	8	04	-	-	2
Plymouth	260	22	20	d.d.	993	-12	51	51	6	-	-	8	8	01	-	-	2
Chivenor	250	20	28	r.r.	991	-13	52	51	6	-	-	8	8	07	6	03	1
St. Eval	230	22	29	d.d.	992	+05	51	51	-	-	-	9	9	-	-	-	1
Culdrose	250	20	29	d.d.	994	-09	52	52	-	-	-	9	9	00	-	-	1
Scilly, St. Mary's	250	21	48	o/d	992	-04	52	52	6	-	-	8	8	03	-	-	1
Guernsey	230	20	01	d.r.	995	-20	52	52	6	-	-	8	8	00	-	-	2
Aberporth	220	15	19	dr	987	-09	51	51	6	-	-	8	8	03	-	-	1
Pembroke Dock	220	14	48	ir	988	-19	51	51	6	-	-	8	8	08	-	-	1
Holyhead (Valley)	010	06	32	d.d.	986	+13	42	41	6	-	-	8	8	12	5	06	2
Manchester	280	10	32	r.	984	+03	50	47	6	-	-	8	8	08	-	-	2
Squires Gate	270	12	50	e	984	+08	42	41	5	-	-	8	8	31	1	20	1
Silloth	030	08	48	ir.	987	+18	37	34	5	3	-	8	6	20	-	-	2
Lindholme	350	15	66	c/r	984	+14	40	38	6	-	-	8	8	16	3	06	2
Spurn Head	150	20	48	r.r.	983	-10	48	48	7	-	-	8	8	10	-	-	2
Dishforth	330	10	16	r.s.	986	+27	34	33	-	-	-	9	9	-	-	-	2
Tynemouth	030	23	66	r.s.	986	+04	38	36	6	-	-	8	8	15	-	-	2
Leuchars	290	05	66	bc	988	+20	33	25	5	7	2	5	3	30	-	-	7
Eskdalemuir	040	06	57	ss	987	+18	32	31	7	-	-	8	7	04	-	-	7
Prestwick	000	00	33	c	988	+16	35	33	5	-	-	8	6	50	3	40	1
West Freugh	020	05	58	id.	987	+15	33	33	5	-	-	8	8	30	-	-	1
Ronaldsway	020	05	58	c/a	987	+25	38	33	5	-	-	8	8	12	-	-	1
Tiree	020	13	80	c	987	+16	36	22	2	3	8	5	3	20	-	-	3
Benbecula	010	11	66	jp	986	+15	33	29	3	-	-	3	3	19	-	-	3
Stornoway	340	16	66	bc/ps	987	+05	31	21	3	-	-	4	3	28	2	10	5
Cape Wrath	360	13	82	pho	990	+06	32	28	3	-	-	4	4	25	-	-	5
Sule Skerry	360	19	82	bc	988	-17	33	29	8	-	-	5	5	10	-	-	1
Renfrew	350	09	29	c	989	+16	36	29	5	-	-	7	7	48	1	16	6
Dyce	330	14	74	c	987	+11	32	29	9	3	2	6	5	40	10	15	5
Wick	320	15	64	ss	987	+05	30	23	3	-	-	5	5	15	-	-	5
Lerwick	320	02	82	bc/ps	983	+05	27	26	9	-	3	5	3	30	-	-	7
Blacksod Point	000	09	70	c	990	+16	42	38	7	-	-	7	7	49	3	19	
Malin Head	030	03	58	o/r	991	+24	40	35	6	-	-	7	7	21	-	-	
Aldergrove	050	05	66	c	988	+12	36	36	6	2	-	8	3	11	-	-	2
Castle Archdale	360	08	82	c/r	989	+15	36	35	5	7	-	8	8	35	-	-	2
Birr Castle	030	11	48	r.r.	987	+15	39	38	6	-	-	8	8	08	-	-	
Collinstown	030	13	56	r.s.	988	+16	39	38	6	-	-	8	8	06	7	04	
Rineanna	350	13	32	r.r.	988	+09	43	42	6	-	-	8	8	07	3	03	
Valentia	220	17	50	id.	987	-03	53	52	6	-	-	8	8	07	-	-	
Midleton	210	12	66	o/r	987	-01	53	51	6	-	-	8	8	14	-	-	

OBSERVATIONS during DAY

Stations	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cr. r. Rm.	chr. m.	51	0.0	2
London Airport	cm. c r r m.	cr. r. c. c. i. d. r m.	51	*	2
Tangmere	cm. ir. m.	od. d. m	50	0.0	2
Bournemouth (Hurn	cid. m. r r m.	c r r m. c m. o m. s m.	53	*	3
Boscombe Down	cir. m. ir m.	cir. m. c	52	0.0	3
Felixstowe	cir. m.	cir. m. cm.	48	0.0	2
Gorleston	om. o r r m.	o r r m. o m.	50	0.0	8
West Raynham	c r r r. r. m.	c d d m. c i r m.	50	0.0	10
Mildenhall	cm. i r.	c	52	0.0	A
Cranfield	cir d. r. m.	cid. r r m.	51	0.0	3
Elmdon	c r r m.	cm. cir. z.	53	0.0	3
Cottesmore	c r r m.	cid. r r m.	51	0.0	5
Watnall	r. r. RR a. r. d. d.	d. d. i d i R	51	0.0	10
Ross-on-Wye	d o r r. o d.	c o i r.	54	0.0	3
Shawbury	cr. r. m. c r r d r. m.	c d d. c r r d r. c r r	52	0.0	5
Bristol	c r r r	c d d. c c r r	52	0.0	5
Plymouth	cir. d d. o i R r r m	o d d. f r d m. c m.	52	0.0	5
Chivenor	cid. r r. m.	c r r R R r. r. m.	53	0.0	4
St. Eval	c d. d. m. o f e	d d. m. o F	52	0.0	2
Culdrose	mid. m. i r m. d d f	f d d c o i d.	52	0.0	3
Scilly, St. Mary's	o i d o f	o i d. f o	53	0.0	1
Guernsey	c d d r r r r	c r r. f f d r	53	0.0	8
Aberporth	cir. m. o d r.	c d r d d m o m.	52	0.0	5
Pembroke Dock	o r r d o d. m.	o i r f o i d. m. o m.	52	0.0	7
Holyhead (Valley)	c r r m. c m.	c c i r. c r r	50	0.0	4
Manchester	c r r r. r. c	cir. m d d i d	52	0.0	7
Squires Gate	cm. o r r. m.	cm. o i r. c m.	48	0.0	1
Silloth	c r r m d d m.	o s s m. o c i r. m. c	48	0.0	10
Lindholme	c r r. m. c m.	cir. r. r. m.	52	0.0	3
Spurn Head	c r.	c r r.	49	0.0	4
Dishforth	cir. m. r r m.	c r r m. s. s. m. o r. s. m.	49	0.0	11
Tynemouth	c d. d. m. o r. s r. s	o s s o r. s. r. s. s. o	50	0.0	19
Leuchars	e i r. s. m. c m. o	c b c	36	0.0	Tr
Eskdalemuir	o s s m.	o s s m. c x	33	0.0	11
Prestwick	c r. s. o f e c r. o r. m	c r o r. m. o b c m. o	41	0.0	3
West Freugh	c i r. i d. o. r. o	c i r. o c	40	0.0	3
Ronaldsway	c i r. r d d. c	c i r. o c	50	0.0	1
Tiree	o v	o b c p h. o. s. o	40	0.0	Tr
Benbecula	d c p h. o	b c b. c p h. o b x	37	1.5	0.3
Stornoway	b c p s p h	b c c p s. o p h s	37	1.1	1
Cape Wrath	p h s	p h s	37	*	1
Sule Skerry			38	*	0.5
Renfrew	c r. s. o f f	c i r. o b c 2. o	36	0.0	2
Dyce	c r o s. o. c p s. o.	c e p h. b c p s. o. x	36	0.0	0.6
Wick	c b c p s. o.	c b c p s. o. p h	38	0.6	0.2
Lerwick	c p h s b c	c p s	34	2.4	2
Blacksod Point	r	r	44	0.0	3
Malin Head	r	r	41	0.0	4
Aldergrove	c r o. s. o r. r. m. o	c r o r. c	41	0.0	6
Castle Archdale	c s s m. o c r r c	c i r. o c	38	0.0	7
Birr Castle	r	d	52	0.0	3
Collinstown	d	d	52	0.0	6
Rineanna	r	d	52	0.0	4
Valentia	r r	r	54	0.0	2
Midleton	r	d	56	0.5	2

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours. 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LEVERRIER	52° 24′	19° 6′	986	+10	070	16	ir.	r	52	51	48	97	5	7	-	4	8	8
WEATHER OBSERVER	58° 48′	19° 12′	1002	+12	020	19	r.s.	p	39	47	31	98	3	-	-	7	7	9½
POLAR FRONT	65° 54′	01° 36′ E	988	-16	020	30	p.	p	30	38	26	99	9	-	-	7	7	6½
CIRRUS	45° 0′	15° 54′	1004	+12	230	21		r	55	55	55	10	6	-	-	8	8	8
WEATHER EXPLORER	61° 54′	33° 0′	1011	-01	260	10	c	bc	35	41	26	99	1	-	-	4	7	3
U.S. SHIP "C"	51° 36′	35° 30′	985	+07	050	23	c	c	47	48	39	63	7	2	-	6	8	19
U.S. SHIP "D"	44° 0′	41° 0′	981	+12	230	10	bc	bc	58	58	53	63	2	3	-	2	3	6½
BRITISH MARQUIS	42° 54′	09° 24′	1014	00	220	05	d.	d	57	58	57	40	7	-	-	8	8	5
IRISH OAK	50° 36′	28° 36′	980	+20	220	13	c.r.	bc	51	53	51	93	6	3	8	3	7	11
CLAN MACRAE	47° 24′	07° 48′	1001	-03	240	10		r	56	56	54	20	7	-	-	8	8	6½

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58° 54′	19° 6′	1002	+04	030	17	c	c	38	48	26	98	4	-	-	7	7	8
LEVERRIER	52° 30′	19° 12′	986	+07	050	28	ir.	r	50	51	50	96	7	-	-	7	8	11
CIRRUS	43° 0′	16° 0′	1003	+07	220	19	c	r	57	56	57	35	7	2	-	6	8	9½
POLAR FRONT	66° 0′	02° 0′ E	985	-14	360	26	pho	p	28	47	23	97	9	-	-	8	8	6½
U.S. SHIP "A"	62° 0′	33° 0′	1008	-16	250	16	c	bc	37	41	42	99	5	-	1	5	6	5
U.S. SHIP "C"	51° 18′	36° 6′	983	-12	050	36	d.d.	c	47	48	45	61	7	-	-	8	8	19
U.S. SHIP "D"	44° 0′	41° 0′	982	+02	180	09	bc	bc	60	58	54	65	2	3	2	2	5	8
MARGAY	42° 42′	10° 42′	1013	-06	250	09	jp	c	58	57	56	97	7	5	-	7	7	5
ESSO CANTERBURY	51° 54′	09° 36′	1015	-18	220	05	c	c	59	60	57	98	6	-	-	8	8	6½
CANTON	50° 30′	23° 0′	989	+20	220	20	c	bc	55	53	53	97	7	-	-	8	8	11

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility in the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Monday 10th January

1955

All times are G.M.T.

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ⊕ Sky 3/8 covered ◑ Sky 4/8 covered ⊕ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ◉ Sky 8/8 covered ⊗ Sky obscured

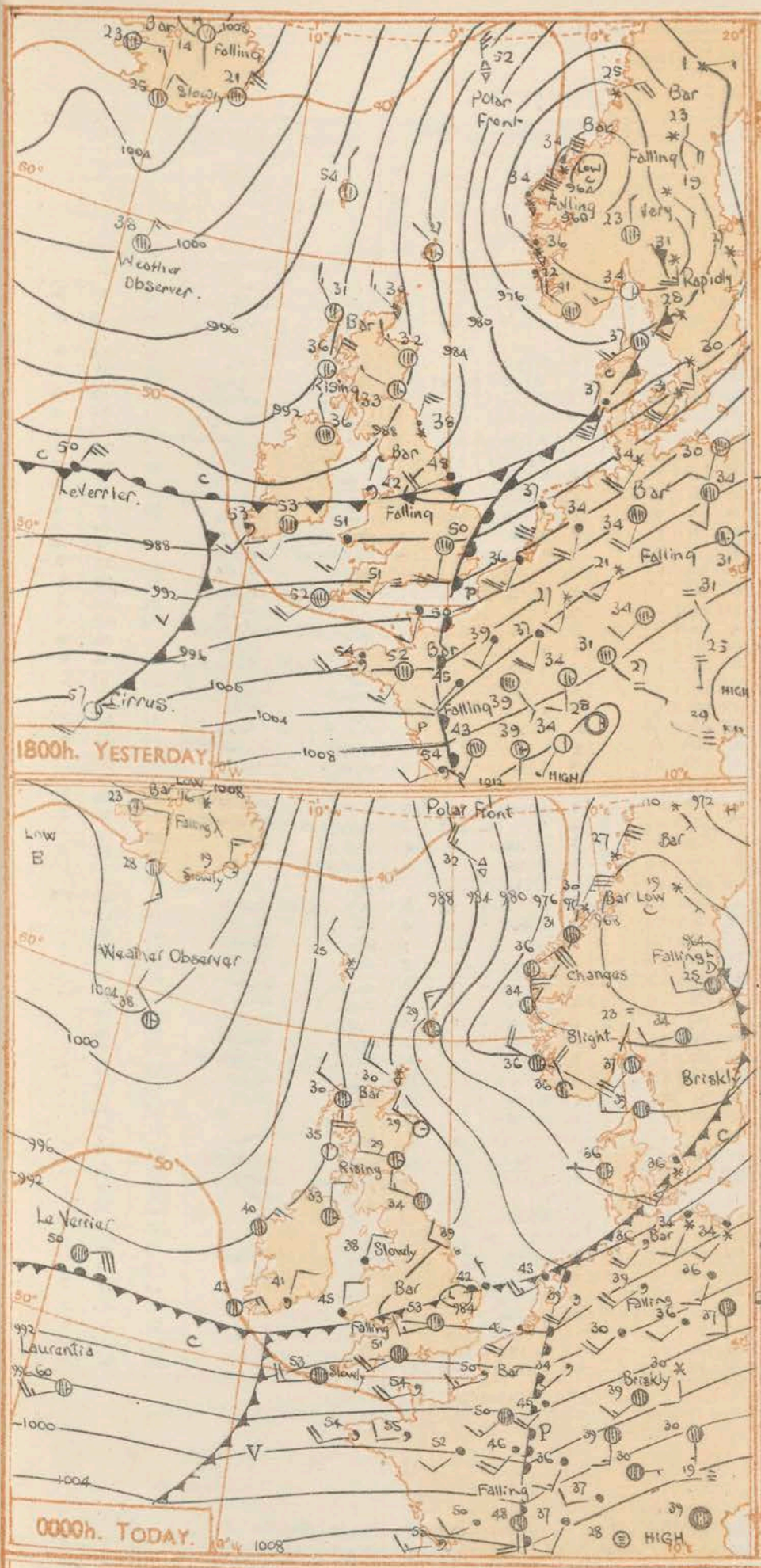
WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm T Thunder ≡ Fog ═ Mist

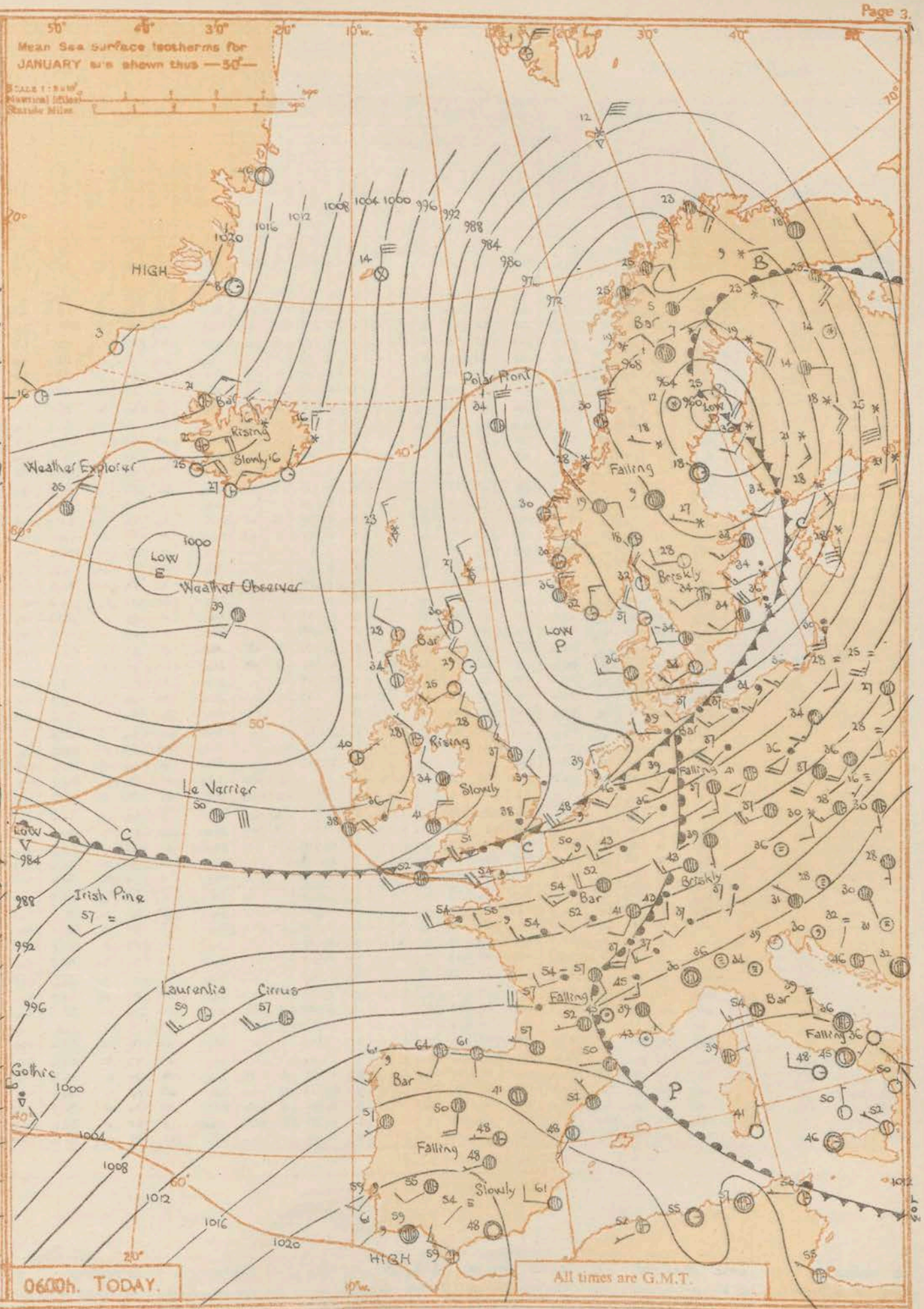
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.





GENERAL SYNOPTIC DEVELOPMENT :-

The cold front, which yesterday was moving south across Scotland, has now crossed the whole of the British Isles and a cold northerly air stream now covers the country. Minor troughs of low pressure, or possibly polar depressions, are likely to cross the British Isles, especially in the North, causing rather more prolonged showery activity.

Issued at mid-day today Tuesday 11th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Dull at first in southern districts of England and Wales with occasional sleet or snow; becoming mostly fine tonight and tomorrow. Elsewhere there will be showers of hail, sleet or snow but also sunny periods. The showers will be rather frequent and heavy in North and West Scotland, Northern Ireland, Northwest England and North Wales. Cold with keen frost in many places at night.

OUTLOOK FOR the following 24 hours:-

Cold weather continuing.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 11th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form Low †	Form Medium †	Form High †	Cloud: Total amount 0–8	Cloud: Main layer Amt. 0–8	Cloud: Main layer † Ht.	Cloud: Lowest layer Amt. 0–8	Cloud: Lowest layer † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	52	*	*	*	*	*	*	*	*	*
London Airport	82	240	17	59	c	87·4	-10	53	48	5	·	·	8	8	26	2	14
Tangmere	53	260	19	58	s	90·4	-07	51	49	6	·	·	8	8	07	·	·
Bournemouth (Hurn	34	240	16	58	c	90·4	-03	52	49	7	·	2	7	5	11	3	04
Boscombe Down	414	280	10	66	c	89·3	-11	52	49	5	·	·	8	8	14	·	·
Felixstowe ...	10	240	10	48	c	86·5	-13	45	43	5	·	·	8	8	28	·	·
Gorleston ...	5	340	07	50	r_0	85·7	-04	42	41	7	·	·	8	8	25	·	·
West Raynham	250	020	08	37	r_0	85·2	-01	39	39	6	·	·	8	8	07	4	05
Mildenhall ...	15	290	09	22	RR	84·1	-22	48	48	6	2	·	8	8	30	6	11
Cranfield ...	340	280	20	58	c/d	85·0	-17	51	49	5	7	·	8	7	11	2	06
Elmdon ...	324	360	11	19	rr	87·2	+16	38	37	7	2	·	8	8	05	6	03
Cottesmore ...	440	360	14	14	RR	87·5	+10	37	36	7	2	·	8	8	04	6	02
Watnall ...	366	360	13	09	r(d)s	87·6	+05	33	33	6	·	·	8	8	05	·	·
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	330	08	32	rr	87·8	+15	39	39	6	·	·	8	8	10	2	03
Bristol	192	250	23	40	r_0	88·0	-06	50	49	7	·	·	8	8	05	·	·
Plymouth ...	90	260	22	57	c	92·4	-11	51	51	5	·	·	8	8	25	6	12
Chivenor ...	20	240	25	48	i_0	90·6	-10	52	50	6	·	·	8	8	12	4	09
St. Eval... ...	336	230	26	06	f+	92·1	-10	51	51	·	·	·	9	·	·	·	·
Culdrose ...	260	240	20	20	c/d	94·3	-08	51	51	6	·	·	8	8	07	·	·
Scilly, St. Mary's	158	250	19	57	s	92·4	-09	53	52	6	·	·	8	8	05	·	·
Guernsey ...	340	230	18	32	d_0d_0	95·2	-06	52	52	6	·	·	8	8	02	·	·
Aberporth ...	375	350	09	40	i_0	89·1	+31	39	39	6	·	·	8	8	05	·	·
Pembroke Dock	34	360	09	32	r_0r_0	88·2	+01	45	45	6	·	·	8	8	08	·	·
Holyhead (Valley)	32	010	10	38	r_0r_0	89·4	+17	38	36	6	·	·	8	8	29	4	13
Manchester ...	248	030	08	17	58	88·0	+19	33	32	5	·	·	8	8	18	5	08
Squires Gate ...	33	030	12	50	i_0	89·1	+25	35	33	5	·	·	7	7	35	·	·
Silloth	25	360	06	66	c	91·0	+17	32	25	5	·	9	6	1	35	·	·
Lindholme ...	21	330	10	10	58	87·7	+07	33	33	·	·	·	9	·	·	·	·
Spurn Head ...	29	320	10	58	r_0r_0	86·6	+03	39	39	7	·	·	8	8	10	·	·
Dishforth ...	105	320	12	32	is	88·8	+16	33	31	6	·	·	8	8	15	·	·
Tynemouth ...	108	320	16	63	c	89·2	+10	34	27	5	·	·	8	8	06	·	·
Leuchars ...	36	280	12	82	bc	90·5	+09	29	22	·	4	8	5	·	·	1	65
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	-	0	37	c	92·1	+17	29	25	·	·	6	6	·	·	6	70
West Freugh ...	50	020	12	60	bc	91·4	+14	31	26	·	3	8	5	·	·	3	64
Ronaldsway ...	55	020	14	80	c	90·7	+13	35	29	6	·	6	7	3	15	·	·
Tiree	29	360	18	82	jp	93·7	+09	36	28	9	·	·	2	2	18	·	·
Benbecula ...	18	350	24	48	ps_0	94·3	+07	33	32	9	·	·	7	7	19	·	·
Stornoway ...	10	310	12	63	c/ph	93·3	+07	30	25	3	·	·	7	5	12	·	·
Cape Wrath ...	367	360	13	82	bc	90·7	+04	34	25	3	·	·	4	4	25	·	·
Sule Skerry ...	43	360	19	81	ps	88·8	+07	33	27	8	9	·	6	6	10	·	·
Renfrew ...	28	-	0	23	bc	92·1	+12	27	25	5	3	1	5	2	50	·	·
Dyce	185	310	17	82	b	89·2	+05	29	28	9	·	·	1	1	18	·	·
Wick	119	310	21	07	ps	88·4	+02	30	28	3	·	·	8	8	09	·	·
Lerwick ...	269	340	16	32	ks	83·5	+43	29	28	9	6	2	7	4	17	·	·
Blacksod Point	18	040	16	70	c/pr	94·8	+15	40	38	9	·	·	6	6	49	3	19
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	360	08	81	c	92·7	+18	33	27	5	3	1	7	1	40	·	·
Castle Archdale	225	010	02	82	c	94·4	+20	33	30	5	3	8	7	2	30	·	·
Birr Castle ...	231	010	07	62	i_0	92·6	+20	37	35	6	·	·	8	8	23	4	18
Collinstown ...	226	360	07	66	c/r	91·9	+15	38	31	5	·	·	8	8	25	3	16
Rineanna ...	10	030	10	74	r_0r_0	93·1	+16	37	35	6	·	·	8	8	25	2	09
Valentia ...	30	060	16	81	c/pr	87·6	+13	43	38	5	·	·	6	7	30	2	09
Midleton ...	30	010	09	58	i_0	90·0	+23	41	40	6	·	·	7	7	16	·	·

OBSERVATIONS at 06h. G.M.T. 11th January, 1955

Stations	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form Low †	Form Medium †	Form High †	Cloud: Total amount 0–8	Cloud: Main layer Amt. 0–8	Cloud: Main layer † Ht.	Cloud: Lowest layer Amt. 0–8	Cloud: Lowest layer † Ht.	00 h. State of † ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	360	12	20	rr	30·1	+26	38	35	6	·	·	8	8	15	·	·	2
London Airport	010	09	50	r_0r_0	89·9	+27	38	37	7	·	·	8	8	11	4	07	2
Tangmere	260	17	32	r_0r_0	88·6	-11	51	50	6	·	·	8	8	03	·	·	1
Bournemouth (Hurn	360	12	56	rr	89·3	-03	47	44	7	·	·	8	8	12	3	07	1
Boscombe Down	020	05	57	rr	90·3	+17	40	39	6	·	·	8	8	07	·	·	1
Felixstowe ...	010	08	48	r_0r_0	89·0	+21	40	39	6	·	·	8	8	12	·	·	2
Gorleston ...	340	08	60	r_0r_0	88·5	+16	39	38	7	2	·	8	8	25	3	18	2
West Raynham	010	09	60	c/r	89·4	+13	37	34	5	·	·	8	8	20	·	·	1
Mildenhall ...	350	05	35	r_0r_0	89·6	+18	35	35	6	2	·	8	8	09	4	03	1
Cranfield ...	350	03	14	o/r	90·1	+14	33	32	6	·	·	8	8	03	·	·	8
Elmdon ...	010	11	56	r_0s_0	91·8	+18	34	31	7	2	·	8	8	09	3	05	2
Cottesmore ...	340	10	48	c	91·7	+15	32	31	7	·	·	8	8	40	4	06	2
Watnall ...	350	14	62	c	91·6	+14	32	30	5	·	·	8	8	24	·	·	6
Ross-on-Wye ...	020	07	48	i_0	91·4	+15	36	34	6	·	·	8	8	08	·	·	1
Shawbury ...	360	07	23	c	92·3	+14	34	33	7	·	·	8	8	20	3	05	1
Bristol	020	10	23	r_0r_0	90·9	+15	37	36	6	·	·	8	8	15	2	04	2
Plymouth ...	260	26	28	r_0r_0	89·8	-14	51	51	7	2	·	8	8	20	7	03	2
Chivenor ...	320	07	30	o/r	91·0	+11	43	42	6	·	·	8	8	10	·	·	1
St. Eval... ...	010	15	32	i_0	90·7	-08	45	35	6	·	·	8	8	02	·	·	2
Culdrose ...	250	23	07	dd	91·5	-18	51	51	·	·	·	9	·	·	·	·	1
Scilly, St. Mary's	240	22	48	o/r	90·8	-12	52	51	6	·	·	8	8	04	·	·	1
Guernsey ...	230	24	02	d_0d_0	93·0	-13	52	52	6	·	·	8	8	00	·	·	2
Aberporth ...	340	12	74	c	92·3	+17	38	33	5	·	·	8	8	19	·	·	1
Pembroke Dock	020	18	06	c	91·7	+17	41	39	5	·	·	8	8	18	·	·	1
Holyhead (Valley)	010	07	80	c	93·4	+15	34	26	1	3	7	8	1	20	·	·	3
Manchester ...	350	05	32	bc	92·3	+17	31	28	5	7	·	5	3	40	·	·	5
Squires Gate ...	020	04	74	bc	93·7	+21	20	24	·	·	2	4	·	·	4	72	3
Silloth	320	06	74	bc	93·8	+12	30	23	5	·	9	3	1	35	·	·	83
Lindholme ...	330	11	56	c	91·4	+13	31	27	5	7	6	6	2	35	·	·	6
Spurn Head ...	320	14	66	c	89·5	+08	37	34	3	7	·	7	2	20	·	·	1
Dishforth ...	330	08	63	bc	92·2	+16	29	25	·	·	2	3	·	·	3	70	3
Tynemouth ...	320	10	66	bc	92·1	+08	28	21	2	·	6	4	2	36	·	·	3
Leuchars ...	230	07	80	b	92·2	+10	25	23	·	·	·	0	·	·	·	·	7
Eskdalemuir ...	320	03	70	b	93·2	+03	25	19	·	·	·	0	·	·	·	·	7
Prestwick ...	-	0	58	b	94·4	+10	25	22	·	·	1	1	·	·	·	70	5
West Freugh ...	350	06	74	c	94·1	+07	28	21	1	·	8	6	1	25	·	·	3
Ronaldsway ...	350	07	74	c	94·5	+14	31	24	1	·	6	6	1	18	·	·	3
Tiree	340	14	89	bc	95·6	+08	34	26	2	·	·	4	4	22	·	·	5
Benbecula ...	310	14	74	bc	95·1	-02	33	30	9	·	·	3	3	20	·	·	6
Stornoway ...	310	11	74	b/ps	93·9	+01	28	25	9	·	·	2	2	16	·	·	9
Cape Wrath ...	360	13	82	ph_0	91·8	+03	33	30	9	·	·	4	4	20	·	·	5
Sule Skerry ...	360	19	82	c	90·1	+02	35	29	8	·	·	6	6	15	·	·	5
Renfrew ...	-	0	58	b	94·2	+10	24	21	·	·	1	1	·	·	1	73	6
Dyce	320	14	74	b/ps	90·9	+07	29	23	9	·	·	1	1	18	·	·	8
Wick	340	14	80	b	90·2	+09	30	24	9	·	·	2	2	18	·	·	7
Lerwick ...	340	08	82	ps	86·1	+07	27	23	9	·	·	8	8	11	·	·	7
Blacksod Point	040	05	70	bc	89·3	+16	40	30	8	·	·	3	3	25	·	·	0
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Aldergrove ...	330	03	74	bc	95·4	+08	28	26	5	·	2	5	1	25	·	·	3
Castle Archdale	340	07	82	bc	97·4	+13	30	26	·	·	2	3	·	·	3	70	1
Birr Castle ...	010	05	81	c	96·7	+20	32	28	5	·	1	7	·	·	4	57	3
Collinstown ...	340	09	80	c	96·1	+19	33	27	5	3	7	8	1	26	·	·	2
Rineanna ...	030	07	74	o	97·5	+24	34	31	6	·	·	7	7	56	2	17	3
Valentia ...	060	10	80	c	96·6	+33	38	30	8	·	·	8	8	38	1	27	1
Midleton ...	030	12	48	r_0r_0	95·6	+29	36	34	7	2	·	8	8	30	7	08	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	crRm$_0$	crRR,rm$_0$	35	35	9
London Airport	cdd m$_0$	crrcr_0s$_0$m$_0$	35	35	9
Tangmere	cid m$_0$	crr m$_0$	39	39	4
Bournemouth (Hurn	cir$_0$m$_0$cm$_0$	cir$_0$m$_0$err m$_0$	38	37	3
Boscombe Down	ccr$_0$r$_0$	crris$_0$m$_0$	35	33	6
Felixstowe ...	cir$_0$cm$_0$	cr$_0$r$_0$cir$_0$m$_0$	37	34	+
Gorleston ...	cr$_0$r$_0$r$_0$m$_0$	cr$_0$r$_0$ddopr$_0$$_0$	37	36	6
West Raynham	cr$_0$r$_0$rm$_0$	cr$_0$r$_0$m$_0$c	36	24	11
Mildenhall ...	cr$_0$r$_0$m$_0$	dr$_0$r$_0$m$_0$	35	35	10
Cranfield ...	cid$_0$r$_0$r$_0$m$_0$	crsssmcss$_0$m	32	31	7
Elmdon ...	oiR rri$_0$	or$_0$$_0$c	33	31	6
Cottesmore ...	oRR m$_0$s$_0$s$_0$f	ois$_0$fm$_0$	31	30	10
Watnall ...	RR Sm$_0$s$_0$f	sss$_0$s$_0$cm	28	19	10
Ross-on-Wye ...	cor$_0$r	rd$_0$r$_0$r$_0$	34	33	5
Shawbury ...	crr RR r$_0$s$_0$	cis$_0$cm$_0$	31	29	8
Bristol	cr$_0$r$_0$iR	cir$_0$s$_0$	36	34	12
Plymouth ...	cid$_0$m$_0$oRR	oRR r$_0$m$_0$c	44	43	7
Chivenor ...	cir$_0$m$_0$	cir$_0$m$_0$	41	36	8
St. Eval... ...	oid$_0$m$_0$fe ir f	air fd$_0$d$_0$cm$_0$	41	40	8
Culdrose ...	oid$_0$m	ffr$_0$r$_0$ off cid$_0$	42	42	6
Scilly, St. Mary's	oid$_0$	oird$_0$	46	*	7
Guernsey ...	off d$_0$F	F d$_0$r$_0$r$_0$	52	50	2
Aberporth ...	od$_0$s$_0$f r$_0$r$_0$m$_0$	air m$_0$c$_0$pr$_0$b$_0$c	36	33	4
Pembroke Dock	oir$_0$m$_0$c	cir$_0$c	39	37	5
Holyhead (Valley)	crr m$_0$c	c	32	26	2
Manchester ...	cid r$_0$r$_0$ss	cis$_0$bcmcm	31	25	8
Squires Gate ...	cirr$_0$m$_0$c	cbcxcxbcm	27	21	2
Silloth	cbcx	bcbx	24 [illegible]	16	-
Lindholme ...	cr$_0$s$_0$s$_0$s$_0$	cm$_0$	28	25	5
Spurn Head ...	or$_0$	c	34	*	7
Dishforth ...	r$_0$s$_0$m$_0$cm$_0$isc	bcc	26	21	0·5
Tynemouth ...	cbc	b2	27	22	-
Leuchars ...	bcb	b$_0$b$_0$x$_0$b	22	21	-
Eskdalemuir ...	=b	b	23	18	-
Prestwick ...	cbcxm$_0$	bm$_0$bx	23	18	-
West Freugh ...	cbcc	cbc	26	17	-
Ronaldsway ...	cbcx	bcxbx	29	18	-
Tiree	bcph$_0$x	bbccpsx	29	20	0·1
Benbecula ...	bccphps$_0$bcjpx	bccphps$_0$bcx	27	19	1
Stornoway ...	bcphs	bcphs	25	18	2
Cape Wrath ...	bcphr	bcph	28	25	1
Sule Skerry ...	*	*	29	26	1
Renfrew ...	bcm$_0$	bm$_0$	22	17	-
Dyce	bcps$_0$	cps bcps$_0$	27	22	1
Wick	opsf Ks$_0$	bcbjp	27	20	2
Lerwick ...	cps$_0$Ks	cpsc	24	22	1
Blacksod Point	P	bc	36	29	0·1
Malin Head ...	*	*	32		Tr
Aldergrove ...	ccx	cxps$_0$bcb	25	20	Tr
Castle Archdale	cbc	bc	29	22	-
Birr Castle ...	s	r	29	23	9
Collinstown ...	r	c	29	26	7
Rineanna ...	r	c	30	28	6
Valentia ...	d	P	37	34	2
Midleton ...	r	d	35	34	4

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Form † Med.	Form † High	Amount Low	Amount Total	Height of waves ft.
LE VERRIER	52°24′	19°30′	992	+25	070	32	c	r	50	50	45	96	5	-	-	8	8	11
WEATHER OBSERVER	58° 6′	19° 0′	1004	+04	330	10	bc	bc	38	48	22	98	2	-	-	5	6	6½
CIRRUS	45° 6′	15° 48′	1003	+01	240	25	c	c	57	56	55	50	5	-	-	8	8	9½
POLAR FRONT	66° 0′	01° 54′	981	-24	320	24	ph_0	p	32	39	28	97	9	-	-	6	6	9½
WEATHER EXPLORER	62° 0′	32° 42′	1006	-08	280	18	bc	bc	39	41	32	99	5	-	2	4	5	5
U.S. SHIP 'C'	51° 42′	35° 54′	986	+34	110	20	a	d	52	47	47	65	6	-	-	8	8	14
U.S. SHIP 'D'	44° 0′	41° 0′	981	-05	140	08	bc	bc	57	55	53	65	8	-	-	4	4	8
GOTHIC	40° 12′	28° 18′	998	+20	170	24	l	c	64	62	61	97	6	-	-	7	7	13
LAURENTIA	47° 6′	18° 18′	997	+20	230	27	c	c	60	56	56	98	4	-	-	7	7	*
IRISH PINE	47° 30′	26° 0′	993	+18	230	13	bc	b	57	57	54	97	1	3	-	1	5	3

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Form † Med.	Form † High	Amount Low	Amount Total	Height of waves ft.
LE VERRIER	52°18′	19°42′	996	+10	070	32	c	r	50	50	45	96	5	-	-	8	8	11
WEATHER OBSERVER	60° 6′	19° 6′	1003	-06	200	10	c	c	39	48	24	98	2	-	7	3	8	6½
CIRRUS	45° 0′	15° 48′	1006	+09	240	24	c	c	57	56	55	65	5	-	-	7	7	11
POLAR FRONT	66° 0′	02° 0′E	976	-15	360	28	jp	p	34	41	25	99	9	-	-	7	7	8
WEATHER EXPLORER	61° 54′	32° 42′	1007	+17	010	20	c	p	35	40	28	99	8	-	-	8	8	3
U.S. SHIP 'C'	51° 54′	36° 0′	990	+19	090	28	c/r	r	49	48	47	65	5	2	-	6	8	9½
U.S. SHIP 'D'	44° 0′	41° 0′	978	-08	110	09	pr_0	p	57	58	53	63	2	-	-	7	7	6½
GOTHIC	41° 0′	77° 30′	996	-20	150	15	pr	c	60	60	58	96	7	-	-	8	8	13
LAURENTIA	45° 36′	18° 30′	1001	+07	230	27	bc	bc	59	58	57	98	3	8	-	4	5	5
IRISH PINE	47° 54′	24° 24′	996	+02	220	09	c	c	57	56	55	96	1	-	7	1	8	6½

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*Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34019 — Date of Issue Wednesday 12th January 1955

OBSERVATIONS at 12h. G.M.T. 11th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud † Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	350	08	96	i_o	95·5	+26	36	32	7	2	-	8	6	08	-	-
London Airport	350	11	40	c/r	95·2	+24	36	34	7	2	-	8	8	40	5	07
Tangmere	020	11	40	c/rs	95·0	+32	37	35	6	-	-	8	8	30	6	07
Bournemouth (Hurn	010	14	62	c/ol	96·0	+34	39	35	7	-	-	8	8	20	5	08
Boscombe Down	030	08	58	c	96·7	+30	36	34	6	-	-	8	8	12	3	08
Felixstowe	340	13	62	c/d	94·4	+20	39	35	-	7	-	8	8	56	-	-
Gorleston	310	09	62	c	93·6	+25	40	31	5	7	-	7	6	56	3	20
West Raynham	310	07	70	bc	94·5	+22	35	30	1	7	9	5	1	25	-	-
Mildenhall	350	11	56	c	95·1	+25	36	31	5	7	8	6	1	50	-	-
Cranfield	340	04	57	c	96·1	+26	38	29	5	-	-	7	7	56	-	-
Elmdon	300	10	32	bc	97·6	+29	34	29	2	-	8	5	1	18	-	-
Cottesmore	330	13	48	bc	97·3	+24	31	24	-	-	2	5	-	-	5	80
Watnall	320	08	23	b	97·4	+24	29	27	-	-	2	1	-	-	1	70
Ross-on-Wye	360	10	60	bc	97·3	+33	35	28	8	-	1	4	2	25	-	-
Shawbury	320	06	59	b	98·3	+12	33	25	-	3	2	1	-	-	1	59
Bristol	360	08	57	c	97·2	+30	36	33	6	-	-	8	8	28	4	09
Plymouth	060	07	61	c/r	97·3	+46	42	39	2	3	2	7	2	16	-	-
Chivenor	040	06	61	c	98·6	+36	40	36	5	-	-	8	8	17	2	10
St. Eval	010	17	74	c/pr	98·2	+40	42	37	2	7	-	7	5	15	-	-
Culdrose	020	15	66	c	98·8	+41	42	40	6	7	-	7	1	08	-	-
Scilly, St. Mary's	020	13	63	c	98·3	+43	43	38	5	-	-	8	8	09	-	-
Guernsey	300	20	32	dr	95·4	+21	52	52	6	-	-	8	8	01	-	-
Aberporth	030	11	85	b	99·3	+34	50	25	1	3	-	1	1	12	-	-
Pembroke Dock	360	15	82	bc	99·6	+38	39	30	-	4	2	3	-	-	1	62
Holyhead (Valley)	010	05	87	b	99·2	+23	39	24	1	-	2	2	2	30	-	-
Manchester	330	07	20	b	97·5	+23	31	25	-	-	-	0	-	-	-	-
Squires Gate	340	08	56	b	98·3	+20	35	23	1	-	-	1	1	22	-	-
Silloth	260	04	62	b	98·3	+19	34	21	-	-	-	0	-	-	-	-
Lindholme	300	13	66	b	96·4	+21	31	27	-	-	1	1	-	-	1	70
Spurn Head	320	15	64	bc	94·9	+23	33	27	2	7	-	3	2	30	-	-
Dishforth	300	10	74	b	96·6	+12	33	22	-	-	1	1	-	-	1	70
Tynemouth	290	12	16	b	96·4	+21	29	22	2	-	-	1	1	40	-	-
Leuchars	280	13	66	b	96·1	+19	31	25	2	-	1	1	1	25	-	-
Eskdalemuir	330	03	70	b	97·1	+18	28	21	-	-	-	0	-	-	-	-
Prestwick	300	02	56	bc	97·8	+10	35	26	2	-	-	3	3	25	-	-
West Freugh	320	10	83	b	98·6	+17	37	27	1	-	1	2	2	22	-	-
Ronaldsway	350	09	89	b	98·9	+19	38	19	2	-	-	1	1	22	-	-
Tiree	330	12	82	b/ps	98·9	+16	35	27	9	-	-	3	3	15	-	-
Benbecula	140	05	74	jp	98·7	+14	31	29	3	-	-	3	3	20	-	-
Stornoway	350	17	62	jp	97·6	+15	31	25	9	-	2	5	3	18	-	-
Cape Wrath	360	19	82	ph_o	94·7	+21	32	28	9	-	-	4	4	20	-	-
Sule Skerry	360	20	81	p_s	93·6	+21	33	29	8	-	-	7	7	10	-	-
Renfrew	250	03	37	p_b	98·4	+19	33	29	1	3	-	1	1	22	-	-
Dyce	260	14	74	b	94·8	+18	29	25	9	-	-	1	1	15	-	-
Wick	310	14	57	ph_o	93·1	+15	28	19	9	-	-	6	6	12	-	-
Lerwick	330	09	83	ps_o	87·5	+08	29	23	9	-	3	7	6	14	-	-
Blacksod Point	-	0	80	jp	02·7	+17	41	34	9	-	-	3	3	25	-	-
Malin Head	360	09	85	bc/ph	00·0	+15	37	33	2	-	-	5	5	21	-	-
Aldergrove	280	05	74	bc	00·0	+18	33	31	9	-	3	3	3	15	-	-
Castle Archdale	320	05	84	b	01·5	+19	34	30	8	3	2	2	1	28	-	-
Birr Castle	300	03	82	bc	02·1	+21	36	29	-	-	6	3	-	-	3	75
Collinstown	300	08	80	b	01·2	+20	34	27	2	-	1	1	1	25	-	-
Rineanna	350	06	85	bc	03·1	+23	35	32	5	-	6	5	-	-	5	75
Valentia	180	02	83	c	02·8	+28	40	21	5	4	6	7	1	42	-	-
Midleton	010	10	82	c	03·1	+31	38	29	-	4	6	7	-	-	1	64

OBSERVATIONS at 18h. G.M.T. 11th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud † Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	270	03	20	b	02·6	+35	35	26	-	-	-	0	-	-	-	-	1
London Airport	260	03	26	bc	02·5	+34	32	26	-	-	1	5	-	-	5	68	2
Tangmere	360	02	32	b	02·5	+34	33	30	5	3	-	2	2	40	-	-	3
Bournemouth (Hurn	010	05	48	bc	02·6	+30	35	30	5	-	-	4	4	18	-	-	1
Boscombe Down	-	0	48	bc	03·6	+31	30	26	5	-	2	5	3	12	-	-	0
Felixstowe	310	15	58	b	00·9	+34	34	29	-	-	-	0	-	-	-	-	3
Gorleston	300	10	58	b	99·7	+30	33	27	2	-	-	1	1	24	-	-	0
West Raynham	270	07	62	b	00·1	+27	30	25	-	-	1	1	-	-	1	73	3
Mildenhall	310	07	37	b	01·4	+34	30	26	-	-	-	0	-	-	-	-	3
Cranfield	-	0	48	bc	02·1	+28	30	28	-	-	6	5	-	-	5	73	3
Elmdon	300	03	14	b	02·3	+25	31	25	-	-	-	0	-	-	-	-	3
Cottesmore	260	08	24	bc	01·9	+20	29	22	-	-	2	3	-	-	3	80	5
Watnall	290	07	17	b	02·0	+21	28	25	-	-	1	1	-	-	-	-	5
Ross-on-Wye	220	02	48	c	02·9	+22	33	23	-	-	6	7	-	-	-	-	1
Shawbury	270	07	66	bc	02·6	+20	29	23	-	4	2	4	-	-	1	59	3
Bristol	-	0	48	c	03·3	+24	33	24	-	-	1	6	-	-	6	77	1
Plymouth	-	0	27	c	03·8	+23	40	35	-	7	-	8	-	-	8	58	1
Chivenor	080	02	79	c	03·1	+16	33	27	-	3	-	6	-	-	6	64	1
St. Eval	030	09	80	c	03·1	+16	38	31	-	7	-	7	-	-	7	58	1
Culdrose	040	07	66	c	03·4	+15	40	36	5	3	-	7	3	50	-	-	2
Scilly, St. Mary's	050	07	66	i_o	02·1	+14	42	34	6	-	-	8	8	17	-	-	1
Guernsey	010	09	60	i_o	02·3	+25	42	39	6	-	-	8	8	16	-	-	2
Aberporth	-	0	85	c	02·8	+16	34	27	5	-	7	8	2	20	-	-	1
Pembroke Dock	-	0	74	c	03·2	+12	37	30	-	-	7	8	-	-	8	70	1
Holyhead (Valley)	-	0	81	c	01·7	+12	33	28	1	-	8	7	2	45	-	-	3
Manchester	280	06	26	bc	01·4	+17	30	20	-	-	5	3	-	-	3	75	5
Squires Gate	310	10	35	bc	00·8	+12	36	28	4	3	6	5	3	25	-	-	1
Silloth	300	04	61	c	00·6	+16	34	28	1	-	6	7	1	25	-	-	3
Lindholme	270	08	17	b	00·8	+23	27	25	-	-	-	0	-	-	-	-	6
Spurn Head	300	16	64	b	99·6	+27	33	30	-	-	-	0	-	-	-	-	3
Dishforth	280	08	63	b	00·9	+19	29	23	-	-	2	2	-	-	2	70	3
Tynemouth	300	07	48	b	98·1	+12	29	23	-	4	-	1	-	-	1	58	3
Leuchars	230	07	66	b	98·5	+14	28	21	-	-	-	0	-	-	-	-	7
Eskdalemuir	-	0	66	b	99·5	+09	25	22	-	-	-	0	-	-	-	-	7
Prestwick	-	0	58	bc	00·0	+10	30	28	2	-	1	3	2	22	-	-	3
West Freugh	-	0	80	bc	00·2	+07	31	29	2	1	2	5	2	20	-	-	9
Ronaldsway	300	07	89	c	01·1	+09	36	26	8	-	-	7	7	49	3	22	1
Tiree	260	05	82	b	99·4	-02	29	25	2	-	2	1	1	20	-	-	6
Benbecula	060	06	82	jp	98·1	-09	28	27	9	-	2	6	2	20	-	-	2
Stornoway	330	05	74	c	97·6	-04	27	26	2	3	-	6	3	20	-	-	9
Cape Wrath	360	19	82	bc	95·5	+02	31	28	9	-	-	4	4	20	-	-	6
Sule Skerry	360	30	82	is	94·8	+03	32	31	3	-	-	8	8	10	-	-	5
Renfrew	230	05	19	b	99·9	+12	28	23	5	-	-	1	-	-	-	-	6
Dyce	260	12	87	b	96·7	+12	25	24	5	-	1	1	1	25	-	-	8
Wick	300	16	14	ps	94·8	+13	27	24	9	-	-	8	8	10	-	-	8
Lerwick	280	28	48	ks	87·9	+01	26	24	9	-	-	6	6	12	-	-	9
Blacksod Point	-	0	81	jp	02·8	-02	35	32	9	-	-	1	1	15	-	-	
Malin Head	360	05	58	c	00·9	+02	35	29	2	-	-	6	6	21	-	-	
Aldergrove	240	05	80	c	01·5	+05	32	29	5	-	2	7	1	15	-	-	3
Castle Archdale	240	03	82	c	02·3	+06	35	29	5	-	-	6	4	45	2	15	3
Birr Castle	250	02	82	b	03·7	+05	31	28	5	-	-	1	1	48	-	-	
Collinstown	250	07	62	b	03·2	+10	31	28	1	-	2	1	1	25	-	-	
Rineanna	350	02	80	c	04·5	+06	34	31	5	7	-	6	1	40	-	-	
Valentia	080	05	85	c	03·3	+01	38	36	5	-	-	7	7	36	-	-	
Midleton	-	0	82	c	03·7	+04	36	30	5	-	-	8	8	28	-	-	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	$crr_8 m_o bcz_o$	$bcbz_o zcz_o$	37	0·6	0·5
London Airport	$cr_o s_o f_o s_o h_o cz_o$	$cz_o m_o$	37	*	0·3
Tangmere	$cm_o cr_s cm_o$	$cm_o bm_o xcm_o x$	40	0·2	0·4
Bournemouth (Hurn	$cr_o ri_o d_o m_o cz_o$	$bcz_o cm_o$	39	*	1
Boscombe Down	$cis_o m_o$	$cm_o bcbx$	37	0·3	0·3
Felixstowe	$civ_o rccm_o$	$bm_o bm_o x$	35	1·4	Tr
Gorleston	$acbcm_o$	$bm_o bm_o x$	40	0·7	·
West Raynham	cbcb	bbm_o	36	4·8	·
Mildenhall	$cm_o bc$	$bm_o x$	36	2·9	·
Cranfield	$cs_o s_o bcbz_o$	$bcz_o x$	34	2·4	0·1
Elmdon	$cm_o bz_o$	bzbf	35	3·8	·
Cottesmore	$cm_o bz_o$	$bcbz_o$	33	4·2	·
Watnall	$cmbm_o$	bmm_o	32	2·6	·
Ross-on-Wye	cbc	bccbc	36	3·7	·
Shawbury	$cm_o bz_o$	bbcbx	35	4·8	·
Bristol	$cr_o s_o c$	bccx	37	2·0	0·3
Plymouth	$ccir_o cm_o$	$cm_o cpr_o s_o cm_o$	45	0·3	Tr
Chivenor	$civ_o cm_o c$	bc	41	1·1	Tr
St. Eval	$am_o ccprc$	c	42	0·2	0·1
Culdrose	$cid_o c$	cir_o	43	0·0	2
Scilly, St. Mary's	oddo	$air_o n_o f_o o$	52	4·0	1
Guernsey	$cri_o d_o rfir_o$	civ_o	53	0·0	1
Aberporth	bccbbcy	bcycb	38	3·8	·
Pembroke Dock	cbc	bcc	41	3·6	·
Holyhead (Valley)	bcby	bcc	40	4·6	·
Manchester	cm	bmbcc	34	4·3	·
Squires Gate	bcmxbcm$_o$	$bcz_o yez_o$	38	6·6	·
Silloth	bxbbc	bccbx	36	5·4	·
Lindholme	$cbm_o b$	$bm_o bbcm$	33	4·8	·
Spurn Head	bcy	bcb	35	4·7	·
Dishforth	bbcy	bc	34	6·2	·
Tynemouth	bz	bz_o	31	5·8	·
Leuchars	b	b	32	6·4	·
Eskdalemuir	b	b	29	5·9	·
Prestwick	$bm_o xbcph_o$	$bcbm_o$	37	5·2	Tr
West Freugh	$bccph_o$	cps_o	38	4·1	0·3
Ronaldsway	bxcps$_o$c	cbc	39	4·7	Tr
Tiree	$cps_o b$	$cps_o bx$	36	3·8	1
Benbecula	$cph_o ps_o jpx$	$cjpxps_o x$	33	1·8	4
Stornoway	$bcph_o s_o c$	$ccs_o s_o$	32	1·9	1
Cape Wrath	ph	phc	32	*	Tr
Sule Skerry			34	*	0·4
Renfrew	bm_o	$bz_o x$	36	5·8	·
Dyce	bbcps$_o$	b	30	5·5	Tr
Wick	$cps_o h_o ks$	cpsksb	30	1·4	3
Lerwick	cpsks	cpsks	29	0·0	1
Blacksod Point	bc.	bc	44	2·8	Tr
Malin Head	p	p	39		0·1
Aldergrove	bcc	cbc_x	38	3·4	·
Castle Archdale	bc	c	37	3·3	·
Birr Castle	bc	bc	39	3·7	Tr
Collinstown	c	c	36	5·0	Tr
Rineanna	c	c	38	3·0	Tr
Valentia	c	c	41	2·5	·
Midleton	r	c	39	3·1	0·2

12h. Ships' Reports

Ship	Lat. °N	Long. °W	Bar. mb	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount † Low	Cloud Amount † Total	Height of waves ft.
LEVERRIER	52°18'	20°0'	1000	+24	090	34	c/r	r	50	51	43	96	5	2	-	6	8	14
WEATHER OBSERVER	59°6'	18°48'	998	-31	270	27	jp	r	42	49	29	98	1	1	1	2	6	3
CIRRUS	45°0'	16°0'	1007	-05	220	15	f-	r	57	56	57	02	-	-	-	9	9	11
GREAT CITY	47°42'	06°0'	1002	+15	250	19	c	cl	56	55	53	96	4	-	2	4	6	11
WEATHER EXPLORER	61°42'	32°36'	1011	+20	060	18	jp	bc	38	41	32	99	8	3	-	3	5	5
U.S. SHIP C	51°48'	35°54'	994	+27	070	33	$i_o d_o$	d	48	46	46	93	5	-	-	8	8	9½
U.S. SHIP D	44°0'	41°0'	979	+30	230	27	p_s	p	58	58	53	65	2	-	-	4	4	6½
CAYTON	50°18'	18°0'	997	+18	250	16	c	c	55	53	53	97	4	2	-	4	6	13
NEWFOUNDLAND	51°24'	31°18'	991	+10	070	45	i_o	p	50	54	48	96	7	-	-	8	8	25½
LAURENTIA	43°36'	21°12'	999	-10	200	26	dd	d	59	58	59	96	6	-	-	8	8	5

18h. Ships' Reports

Ship	Lat. °N	Long. °W	Bar. mb	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount † Low	Cloud Amount † Total	Height of waves ft.
LEVERRIER	52°18'	20°12'	998	00	070	30	c	r	50	51	43	97	5	4	-	6	8	14
WEATHER OBSERVER	59°6'	19°0'	1002	+38	360	27	bc/pr	p	36	48	37	98	3	-	-	4	4	17½
POLAR FRONT	66°0'	02°0'E	980	+10	010	37	bc	bc	36	47	18	99	9	-	-	3	3	14
CIRRUS	44°54'	16°0'	1002	-03	220	30	c	r	59	56	57	40	7	-	-	8	8	14
WEATHER EXPLORER	61°42'	32°42'	1014	+16	070	18	b	p	27	30	26	99	4	-	1	1	2	5
U.S. SHIP C	51°48'	35°54'	995	+10	070	36	c	cl	47	46	43	67	5	-	-	8	8	11
FANAD HEAD	50°18'	22°18'	994	-10	260	09	c	c	56	54	54	97	6	-	-	8	8	8
CAYTON	50°24'	16°36'	995	-02	220	09	c	c	55	53	53	97	7	5	-	6	8	-
GOTHIC	42°48'	23°6'	1001	+20	190	15	bc	c	60	56	57	96	1	-	-	4	4	9½
LAURENTIA	44°48'	22°36'	995	+04	220	26	p_s	bo	60	59	56	97	1	8	-	6	7	14

† CLOUD AMOUNT in eighths (9= sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

*Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Tuesday 11th January

1955

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 represents 10 Kt. and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ⊖ Sky 1/8 covered ◯ Sky 2/8 covered ⊕ Sky 3/8 covered ◍ Sky 4/8 covered ◍ Sky 5/8 covered ◍ Sky 6/8 covered ◍ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

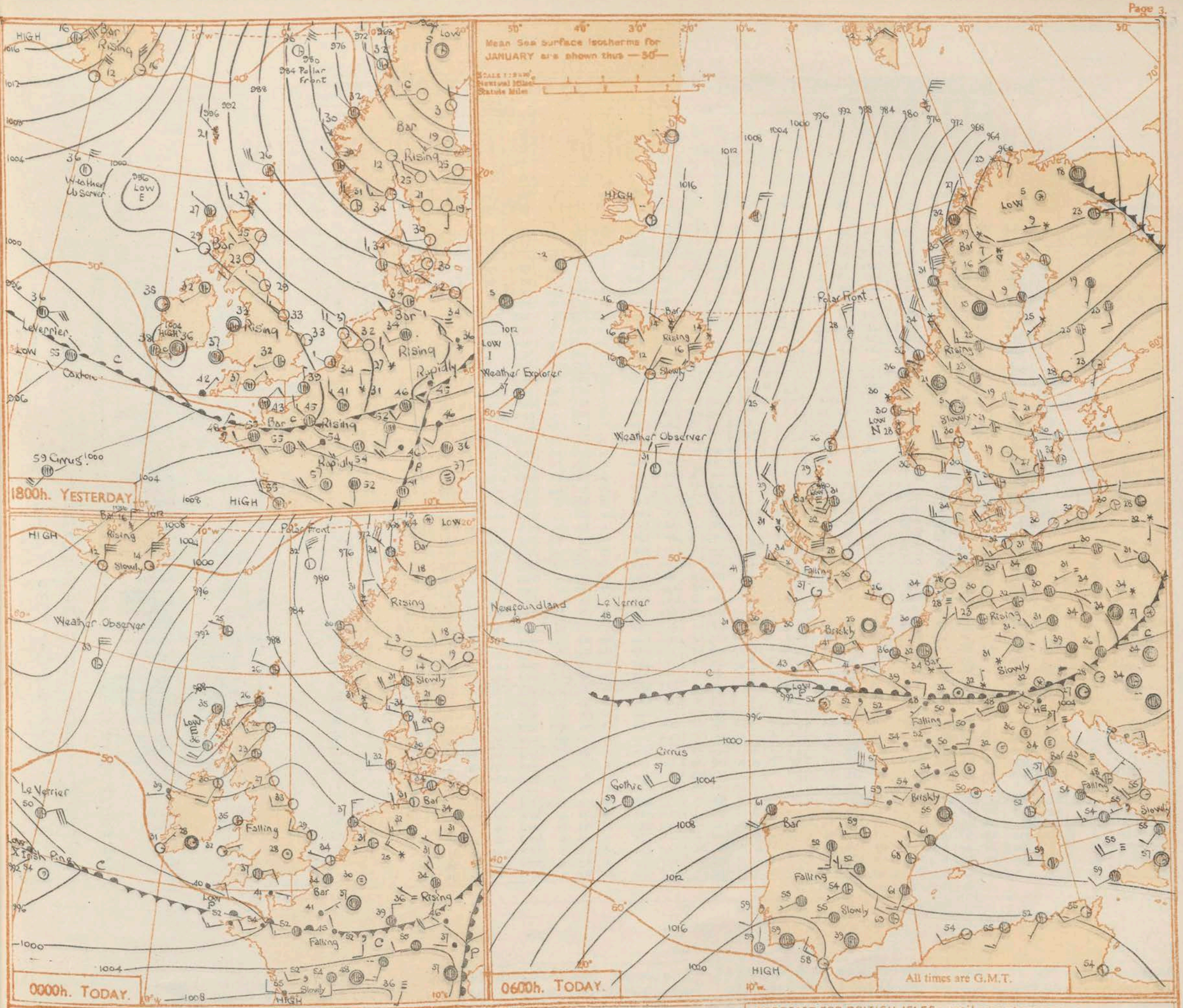
WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ⱤT Thunderstorm T Thunder ≡ Fog = Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

A Polar low has moved east-southeast from South of Iceland and was crossing Scotland during the early hours of this morning. This polar low is expected to move eastwards towards Scandinavia.

Further troughs of low pressure or polar lows are expected to cross the British Isles causing intensification of showery activity especially in the north.

Issued at Mid-day. to-day Wednesday 12th January, 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Very cold generally with keen or hard frost morning and night and also all day over much of Scotland. Snow or hail showers over Scotland, Northern Ireland, Northern England and North Wales: showers heavy and prolonged at times especially in North and West Scotland with drifting. Fine over Midlands and much of Southern England but some rain or sleet in places near South Coast, with snow at times over high ground in Southwest England.

OUTLOOK FOR the following 24 hours:-

Very cold frosty weather continuing with further snow in places, especially in the north.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 12th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: Ht. †	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: Ht. †
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	33	*	*	*	*	*	*	*	*	*
London Airport	82	–	0	20	bc	03·1	-06	28	–	–	–	2	4	–	–	4	70
Tangmere	53	030	06	48	c	03·8	-02	33	24	–	3	8	7	–	–	4	60
Bournemouth (Hurn	34	–	0	62	c	02·6	-17	32	29	–	3	–	7	–	–	7	59
Boscombe Down	414	–	0	40	c	04·4	-03	30	28	–	7	–	6	–	–	6	59
Felixstowe ...	10	300	10	48	b	03·0	+06	32	25	–	–	–	0	–	–	–	–
Gorleston ...	5	290	08	56	b	02·3	+02	29	26	–	4	–	2	–	–	2	58
West Raynham	250	230	05	19	b	02·0	+00	24	21	–	–	1	1	–	–	1	73
Mildenhall ...	15	310	04	30	b	02·4	-03	27	25	–	–	–	0	–	–	–	–
Cranfield ...	340	220	03	14	b	03·0	-05	24	19	–	–	–	0	–	–	–	–
Elmdon ...	324	240	02	23	b	02·3	-10	25	22	–	–	–	0	–	–	–	–
Cottesmore ...	440	250	06	28	b	02·9	-05	27	23	–	–	–	0	–	–	–	–
Watnall ...	366	220	02	17	b	02·5	-01	25	25	–	–	–	0	–	–	–	–
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	210	02	62	b	02·0	-14	23	22	–	–	–	0	–	–	–	–
Bristol	192	–	0	11	bc	03·2	-08	29	26	–	3	8	3	–	–	1	60
Plymouth ...	90	090	08	48	SoSo	02·1	-14	36	32	5	–	–	8	8	3t	–	–
Chivenor ...	20	—	0	63	C	02·4	-13	38	29	5	–	–	7	7	56	–	–
St. Eval... ...	336	160	11	58	if	01·2	-20	37	34	C	–	–	8	8	19	5	08
Culdrose ...	260	090	08	40	fof	02·2	-19	38	37	6	–	–	8	8	10	–	–
Scilly, St. Mary's	158	080	11	48	fof	99·6	-24	40	40	6	–	–	8	8	08	–	–
Guernsey ...	340	070	08	58	fof	01·4	-15	41	39	6	–	–	8	4	08	–	–
Aberporth ...	375	190	08	81	b	02·1	-13	31	23	–	4	2	1	–	–	1	63
Pembroke Dock	34	060	03	74	b	02·0	-14	32	30	–	–	2	1	–	–	1	75
Holyhead (Valley)	32	240	06	81	bc	00·9	-12	35	25	1	–	–	3	3	35	–	–
Manchester ...	248	230	07	32	bc	01·7	-07	29	24	5	3	1	5	4	37	–	–
Squires Gate ...	33	170	04	57	c	00·4	-09	34	31	5	–	–	7	6	57	3	30
Silloth	25	170	04	66	bc	99·3	-17	28	26	8	–	–	5	7	50	1	30
Lindholme ...	21	210	06	14	b	01·2	-04	37	23	–	–	–	0	–	–	–	–
Spurn Head ...	29	270	10	32	b	00·7	-04	33	27	–	–	–	0	–	–	–	–
Dishforth ...	105	–	0	59	b	00·6	-06	25	23	–	4	–	1	–	–	1	58
Tynemouth ...	108	250	06	32	b	00·1	-11	27	22	–	–	–	0	–	–	–	–
Leuchars ...	36	240	08	66	bc	96·7	-20	23	20	–	3	5	5	–	–	3	66
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	180	08	62	bc	97·3	-27	31	24	2	3	6	*5	3	22	–	–
West Freugh ...	50	240	10	74	bc	98·3	-21	32	29	1	5	1	4	1	22	–	–
Ronaldsway ...	55	260	05	86	bc	00·1	-13	34	29	2	–	–	3	3	18	–	–
Tiree	29	220	19	63	c/ps	91·6	-58	36	32	3	–	2	6	3	19	–	–
Benbecula ...	18	210	22	66	jp	87·3	-75	36	33	9	–	–	8	7	23	2	17
Stornoway ...	10	200	11	66	c/s	87·5	-73	35	31	5	–	–	8	8	20	2	14
Cape Wrath ...	367	180	05	40	SoSo	91·5	-35	26	18	–	2	–	8	8	10	–	–
Sule Skerry ...	43	320	05	80	SoSo	90·7	-26	31	29	6	–	–	8	8	10	–	–
Renfrew ...	28	–	0	22	c/f	96·9	-29	26	23	5	–	8	8	6	56	–	–
Dyce	185	240	13	82	b	95·9	-16	20	17	–	–	2	1	–	–	1	75
Wick	119	250	05	81	c/s	92·6	-20	26	20	–	2	–	8	–	–	8	58
Lerwick ...	269	300	19	83	bc	88·0	-09	26	16	3	5	2	5	2	13	–	–
Blacksod Point	18	280	05	64	pf	01·6	-07	39	35	9	–	–	7	7	45	3	11
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	200	10	81	b	99·9	-13	30	27	5	4	–	2	1	35	–	–
Castle Archdale	225	210	10	82	bc	99·4	-25	33	29	5	–	–	3	2	25	–	–
Birr Castle ...	231	180	02	82	pf	01·4	-15	27	26	–	–	–	0	–	–	–	–
Collinstown ...	226	230	06	62	b	01·6	-12	28	26	–	–	–	0	–	–	–	–
Rineanna ...	10	130	04	40	b	02·3	-17	29	27	–	–	–	0	–	–	–	–
Valentia ...	30	030	03	83	b	01·3	-12	31	26	5	–	–	1	1	56	–	–
Midleton ...	30	–	0	82	b	01·1	-20	28	26	5	–	2	1	1	35	–	–

OBSERVATIONS at 06h. G.M.T. 12th January 1955

Stations	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: Ht. †	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: Ht. †	06 h. State of ground †
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	–	0	13	bc	98·7	-26	30	28	–	–	8	5	–	–	–	–	3
London Airport	–	0	08	b	98·8	-28	25	27	–	–	–	0	–	–	–	–	3
Tangmere	040	10	40	c	98·6	-33	32	25	–	7	–	8	–	–	8	59	1
Bournemouth (Hurn	020	03	62	c	97·4	-32	33	28	5	7	–	8	3	29	–	–	1
Boscombe Down	090	03	37	c	00·0	-20	27	25	–	3	2	7	–	–	3	63	0
Felixstowe ...	300	01	20	b	99·4	-23	28	25	–	–	6	2	–	–	–	–	3
Gorleston ...	300	04	24	b	99·1	-23	26	24	–	–	–	0	–	–	–	–	4
West Raynham	210	05	09	f+	98·5	-25	20	18	–	–	–	0	–	–	–	–	3
Mildenhall ...	–	0	15	b	98·7	-28	22	21	–	–	–	0	–	–	–	–	3
Cranfield ...	210	02	19	b	98·7	-28	21	17	–	4	–	1	–	–	1	59	5
Elmdon ...	–	0	32	b	98·5	-21	21	19	–	–	–	0	–	–	–	–	3
Cottesmore ...	240	06	28	b	98·1	-24	26	22	–	–	–	0	–	–	–	–	3
Watnall ...	230	02	04	bf+	98·2	-24	24	23	–	–	–	0	–	–	–	–	6
Ross-on-Wye ...	–	0	57	b	98·4	-18	23	21	–	–	1	2	–	–	–	–	3
Shawbury ...	230	02	66	b	98·2	-22	23	19	–	4	–	1	–	–	1	58	3
Bristol	–	0	32	bc	98·9	-22	23	22	–	–	1	5	–	–	5	75	3
Plymouth ...	090	12	32	rr	96·6	-25	38	37	6	2	–	8	8	25	4	13	2
Chivenor ...	–	0	58	c	98·0	-21	35	26	5	–	–	8	8	23	–	–	1
St. Eval... ...	120	12	57	rr	96·2	-24	37	36	5	–	–	8	8	18	–	–	2
Culdrose ...	070	15	56	rr	96·9	-22	40	39	6	–	–	8	8	10	3	08	1
Scilly, St. Mary's	070	13	58	rr	93·9	-27	43	43	6	–	–	8	8	08	–	–	2
Guernsey ...	070	12	48	rr	95·3	-37	41	39	6	–	–	8	8	05	4	03	2
Aberporth ...	190	11	81	b	98·2	-20	29	21	–	4	–	2	–	–	2	64	3
Pembroke Dock	680	02	62	bc	98·2	-15	30	28	–	3	–	4	–	–	4	76	3
Holyhead (Valley)	240	15	82	b	96·7	-22	37	28	1	–	–	1	1	25	–	–	3
Manchester ...	180	10	57	b	97·0	-24	27	23	–	–	–	0	–	–	–	–	5
Squires Gate ...	210	16	66	bc	95·6	-25	36	30	8	3	–	5	3	26	2	20	1
Silloth	230	23	07	rS	91·7	-42	35	33	–	–	–	9	9	01	–	–	3
Lindholme ...	190	09	14	b	96·4	-28	26	23	–	–	–	0	–	–	–	–	6
Spurn Head ...	230	10	50	b	98·0	-27	30	27	–	–	–	0	–	–	–	–	3
Dishforth ...	180	08	23	b	95·5	-31	30	26	–	–	–	0	–	–	–	–	3
Tynemouth ...	230	11	48	b	92·2	-42	28	23	–	–	–	0	–	–	–	–	8
Leuchars ...	190	36	64	c/ps	82·7	-90	32	31	9	–	–	7	7	25	4	18	7
Eskdalemuir ...	200	20	20	ss	88·9	-30	31	31	–	2	–	8	8	04	–	–	7
Prestwick ...	290	30	56	bc	88·8	-37	36	30	2	7	–	3	2	20	–	–	6
West Freugh ...	270	30	48	p/s	92·0	-29	35	31	3	–	–	8	6	26	1	12	8
Ronaldsway ...	240	24	86	c	94·8	-31	38	28	8	–	–	8	8	26	1	20	1
Tiree	330	25	08	ps	90·9	+88	31	31	9	–	–	8	7	10	–	–	7
Benbecula ...	340	30	69	bc/ps	89·7	+61	32	26	9	–	–	5	5	12	–	–	9
Stornoway ...	330	20	66	bc/ps	85·3	-06	29	29	2	–	2	5	8	18	–	–	9
Cape Wrath ...	360	02	82	bc	84·5	-20	28	24	9	–	–	5	5	25	–	–	7
Sule Skerry ...	250	02	81	c	83·0	-47	31	29	3	–	–	7	7	10	–	–	7
Renfrew ...	250	28	59	c/rs	85·5	-54	34	30	2	–	–	3	3	16	–	–	6
Dyce	210	19	66	ks	80·9	-91	31	29	5	–	–	6	6	16	2	10	8
Wick	350	21	04	ss	81·2	-54	29	27	–	–	–	9	9	00	–	–	7
Lerwick ...	–	0	17	ps	84·0	-22	26	23	9	–	–	8	8	07	–	–	9
Blacksod Point	360	24	71	c/pr	99·9	00	41	37	9	–	–	7	7	45	4	15	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3
Aldergrove ...	300	15	48	is	95·3	-15	34	28	5	–	–	7	7	35	–	–	8
Castle Archdale	320	19	74	c	96·8	-01	34	29	8	–	–	6	6	22	–	–	6
Birr Castle ...	210	05	82	b	98·2	-19	29	24	5	–	–	2	2	43	–	–	3
Collinstown ...	250	12	80	b	97·1	-21	30	27	–	3	–	7	1	60	–	–	5
Rineanna ...	130	03	56	c	99·9	-12	36	27	5	–	–	7	7	38	–	–	3
Valentia ...	–	0	83	c	99·6	-05	31	26	–	–	8	6	–	–	6	74	3
Midleton ...	–	0	82	e	98·8	-07	30	25	–	–	6	6	–	–	6	78	3

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h.	Weather: 03h.–09h.	Temperature 21h.–09h.: Min. °F.	Temperature 21h.–09h.: Min. on Grass °F.	Rain 21h. (9th.) mm.
	(39)	(40)	(41)	(42)	(43)
Kew	c2ox	cbcmfx	26	15	-
London Airport	c2ox bmx	bmx c fx	24	14	-
Tangmere	cmoxc2ox	c2ox	30	27	-
Bournemouth (Hurn	cmocx	cxccmo	31	25	-
Boscombe Down	cmobcmox	cmox	26	22	TR
Felixstowe ...	b2ox	b2oxbcmx.	26	17	-
Gorleston ...	bmx	bmxbcm2x	24	23	-
West Raynham	bmomx	bmffmx	20	10	TR
Mildenhall ...	bmox	bmxcimx	20	16	-
Cranfield ...	bmobmx	bmxbcmx	19	16	-
Elmdon ...	pfxbmcx	bmoxbcmx	20	13	-
Cottesmore ...	bmo	bmobcmo	26	25	-
Watnall ...	bmo	bmbf	22	16	-
Ross-on-Wye ...	bcb	bxbcim	21	12	-
Shawbury ...	bx	bx	19	11	-
Bristol	ccbx	cbcx	22	17	-
Plymouth ...	cmocSoSoS.	cidcrrm.	35	35	3
Chivenor ...	c	ccmo	34	32	-
St. Eval... ...	crSodddm.	cirscarrm.	36	34	3
Culdrose ...	orSodcdc.	oifS	33	34	8
Scilly, St. Mary's	orr	ddorr	38	*	12
Guernsey ...	crSrr.	crSfSc.	40	39	11
Aberporth ...	bbx	bxbcx	28	20	-
Pembroke Dock	cbcbx	bbccx	30	20	-
Holyhead (Valley)	bcbx	bcxbycpSo	32	24	TR
Manchester ...	cbcbSb	bbc	26	23	TR
Squires Gate ...	c2obx	bxcpfSc2.	30	25	0·3
Silloth	bxcpho.cx	exoiSfcpSo	25	18	1
Lindholme ...	bcmbbx	bbm	23	20	-
Spurn Head ...	bm.	bbcm.	28	*	-
Dishforth ...	bcbm.	bcmpSom	23	22	TR
Tynemouth ...	b2o	b2ocSSm.	25	16	0·2
Leuchars ...	bbc	bpSfbcks	21	18	0·1
Eskdalemuir ...	b	oSSmob	13	05	3
Prestwick ...	cmobmox	crSmocph	25	22	1
West Freugh ...	epSoc	cphpSo	31	24	2
Ronaldsway ...	bbcxb	bcpfSc2.	34	23	0·3
Tiree	bxcpSpH	bccpfpSpHg	30	23	1
Benbecula ...	cphSpSSgx	cSSqpSphx	27	22	1·4
Stornoway ...	cSoSoSS	cSoSopSks	27	26	TR
Cape Wrath ...	SOFF	OFFS	26	19	1
Sule Skerry ...	*	*	29	22	TR
Renfrew ...	bffxcphoc	ccrSfSob	21	18	2
Dyce	bbc	bccpSf	17	10	0·1
Wick	bcoSSf	oSSfks	24	19	11
Lerwick ...	bckSpSo	cpSoc	21	17	1
Blacksod Point	P	P	34	21	2
Malin Head ...	*	*	32	*	2
Aldergrove ...	bx	cfSo	28	26	1
Castle Archdale	cpSo	cpSo	32	26	1
Birr Castle ...	c	bc	24	18	TR
Collinstown ...	b	b	26	23	TR
Rineanna ...	b	bc	21	16	TR
Valentia ...	bc	c	28	24	TR
Midleton ...	bc	bc	26	15	TR

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59°6′	19°6′	1006	+19	360	28	bc	c	33	46	28	98	3	–	–	5	5	11½
LEVERRIER	52°18′	20°24′	1000	+04	070	32	c	c	50	51	43	97	5	–	–	7	7	14
CIRRUS	44°54′	15°48′	1003	+00	230	29	c	r	57	56	55	60	–	4	–	2	2	14
POLAR FRONT	65°54′	01°48′E	983	+17	340	35	b	b	32	39	14	99	2	–	–	2	2	14
WEATHER EXPLORER	61°48′	32°42′	1015	-05	160	20	c	bc	37	40	28	94	5	–	–	7	7	6½
U.S. SHIP "C"	52°48′	35°24′	995	-03	070	38	d.d.	c	47	47	43	95	7	–	–	8	8	14
U.S. SHIP "D"	44°0′	41°0′	984	+07	090	10	b	c	56	57	51	65	5	–	–	2	2	6½
LAURENTIA	44°0′	23°54′	998	+01	210	26	c	bc	60	59	58	97	6	–	–	8	8	5
IRISH PINE	49°6′	19°36′	994	00	–	0	d.d.	r	54	56	54	97	6	–	–	8	8	1
NEWFOUNDLAND	51°36′	27°30′	997	+18	080	36	c	p	49	54	46	97	6	–	–	8	8	14

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59°0′	19°0′	1008	+02	360	22	bc/ph	p	31	48	29	98	2	–	–	4	4	11
LEVERRIER	52°18′	20°42′	1002	+09	060	32	c	c	48	49	41	97	5	–	–	7	7	14
CIRRUS	45°0′	15°54′	1003	-06	240	20	c	bc	57	56	54	65	5	–	–	7	7	11
POLAR FRONT	65°54′	01°48′E	984	+03	350	21	ph.	c	28	36	24	99	9	–	–	6	6	13
WEATHER EXPLORER	62°0′	32°48′	1013	-18	180	24	c	c	37	40	28	99	5	–	–	7	7	8
U.S. SHIP "C"	52°30′	34°36′	995	+05	070	40	fof	d	47	46	47	61	7	–	–	8	8	17½
U.S. SHIP "D"	44°0′	41°0′	1028	-03	020	08	b	bc	55	58	51	65	8	–	–	2	2	6½
FRANCONIA	50°6′	32°42′	994	-02	150	16	c	d	53	55	53	98	1	8	–	2	6	–
NEWFOUNDLAND	51°42′	26°0′	1000	+12	080	24	c	c	48	54	44	98	5	1	–	5	8	21
GOTHIC	44°48′	18°48′	1002	+00	290	16	c	c	59	59	57	97	–	1	–	0	8	6½

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*Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34020 — Date of Issue Thursday 13th January 1955

OBSERVATIONS at 12h. G.M.T. 12th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	-	0	02	cf-	96·8	-06	31	25	5	7	-	7	2	50	-	-
London Airport	290	01	08	cf-	96·6	-05	28	27	-	7	8	6	-	-	3	65
Tangmere	010	07	29	c	96·4	-11	34	27	-	3	6	7	-	-	5	59
Bournemouth (Hurn	030	05	32	c	97·1	+04	34	27	5	7	2	8	3	20	-	-
Boscombe Down	-	0	17	c	98·1	-03	31	24	-	3	-	7	-	-	7	62
Felixstowe	290	03	19	c	97·0	-12	33	26	-	3	2	6	-	-	2	59
Gorleston	240	04	32	b	95·8	-21	30	22	-	7	-	1	-	-	1	58
West Raynham	230	13	40	b	95·2	-20	30	23	-	-	2	2	2	76	-	-
Mildenhall	220	03	09	bf	96·1	-15	29	××	-	-	8	2	-	-	2	73
Cranfield	250	07	23	bc	96·7	-12	27	24	-	7	8	3	-	-	2	66
Elmdon	230	10	20	b	96·0	-12	33	25	-	-	1	1	-	-	1	70
Cottesmore	250	11	56	b	96·1	-18	33	23	5	4	2	2	1	56	-	-
Watnall	240	02	11	c/f	96·9	-07	31	29	5	-	-	7	7	25	-	-
Ross-on-Wye	290	01	16	b	97·3	-08	28	25	-	-	1	1	-	-	-	-
Shawbury	270	18	74	c	96·3	-09	35	27	5	3	-	7	6	50	1	35
Bristol	-	0	30	bc	97·7	-07	32	29	-	1	6	5	-	-	2	62
Plymouth	330	06	22	c/r	97·7	+15	38	37	6	2	-	8	5	10	-	-
Chivenor	320	02	68	c	98·7	+03	38	29	-	3	8	6	-	-	3	59
St. Eval	020	12	58	c	98·4	+17	37	33	-	1	-	7	-	-	7	58
Culdrose	040	13	57	c	98·6	+21	39	37	6	7	-	8	2	10	-	-
Scilly, St. Mary's	030	14	66	c/r	97·6	+21	41	36	5	-	-	7	7	11	-	-
Guernsey	010	09	48	r	95·3	+13	44	43	6	2	-	8	6	03	-	-
Aberporth	320	18	81	bc	98·0	+00	39	28	8	-	2	5	5	35	1	22
Pembroke Dock	-	0	58	b	98·9	+04	37	28	2	-	2	1	1	20	-	-
Holyhead (Valley)	300	15	81	bc	96·8	+03	37	25	2	-	-	5	5	25	-	-
Manchester	250	10	56	ps	94·8	-05	32	30	8	-	-	7	7	25	2	08
Squires Gate	320	22	39	c	94·4	+01	38	29	2	-	-	6	6	20	-	-
Silloth	270	16	63	bc	92·4	+00	35	27	9	-	-	3	3	20	-	-
Lindholme	250	12	20	c/ps	93·7	-11	34	32	5	5	-	7	6	30	2	15
Spurn Head	240	20	48	c	93·8	-18	31	30	5	-	-	7	7	25	-	-
Dishforth	240	12	66	bc	92·0	-06	35	24	3	-	-	3	3	56	1	18
Tynemouth	270	16	48	b	90·5	+07	33	27	2	-	-	1	1	42	-	-
Leuchars	280	22	80	b	86·1	+23	32	27	3	-	3	1	1	20	-	-
Eskdalemuir	250	10	66	bc	90·0	+03	30	27	2	-	-	4	4	19	-	-
Prestwick	310	24	66	c/ps	92·3	+08	33	29	9	6	3	6	4	12	1	08
West Freugh	310	25	58	bc/ph	93·9	+07	35	33	9	-	-	5	5	15	-	-
Ronaldsway	300	18	89	b	88·3	-04	37	24	3	-	-	2	2	22	-	-
Tiree	350	23	11	ps	95·2	+24	30	29	3	-	-	8	8	08	-	-
Benbecula	320	28	74	c/ph	94·6	+30	31	31	9	-	-	7	7	15	3	09
Stornoway	330	24	03	ps	91·3	+26	29	27	3	-	-	6	6	10	-	-
Cape Wrath	360	37	81	bc	86·9	+75	29	22	9	-	-	5	5	25	-	-
Sule Skerry	360	13	82	ss	83·9	+32	32	32	6	-	-	8	8	10	-	-
Renfrew	300	18	66	bc	90·5	+12	34	25	8	-	-	5	5	30	1	15
Dyce	290	23	82	bc	81·6	+12	31	28	8	-	1	3	3	56	1	18
Wick	310	09	64	c/ps	81·5	+02	26	21	2	-	-	7	7	12	-	-
Lerwick	350	08	82	c	79·7	-20	24	22	2	7	-	7	3	15	-	-
Blacksod Point	350	24	80	jp	82·4	+00	38	31	2	2	8	7	7	35	4	15
Malin Head	360	19	25	is	97·2	+13	32	31	7	-	-	8	8	11	-	-
Aldergrove	300	17	66	jp	96·8	+10	33	25	9	-	3	3	3	20	-	-
Castle Archdale	320	11	74	bc	99·2	+14	33	29	3	-	-	3	2	16	-	-
Birr Castle	320	06	82	b	01·2	+16	33	30	8	-	-	1	1	26	-	-
Collinstown	280	11	74	b	99·8	+12	32	30	8	3	-	1	1	24	-	-
Rineanna	350	05	80	b	03·6	+16	35	26	5	-	-	2	2	40	-	-
Valentia	060	07	82	bc/pr	03·2	+21	38	34	2	-	1	4	3	21	-	-
Midleton	360	13	82	b	01·6	+17	37	31	5	3	-	1	1	40	-	-

OBSERVATIONS at 18h. G.M.T. 12th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	250	05	07	cf	99·6	+27	33	26	5	-	-	7	7	20	-	-	3
London Airport	260	06	23	b	99·3	+28	29	25	-	-	-	0	-	-	-	-	3
Tangmere	300	02	23	b	00·3	+27	32	24	-	-	1	1	-	-	-	-	1
Bournemouth (Hurn	290	06	48	b	01·0	+28	32	26	-	-	-	0	-	-	-	-	1
Boscombe Down	320	04	32	b	00·9	+26	31	23	-	-	-	0	-	-	-	-	3
Felixstowe	290	16	48	b	97·4	+15	35	31	-	-	-	0	-	-	-	-	0
Gorleston	270	06	32	b	98·1	+16	31	29	-	-	-	0	-	-	-	-	0
West Raynham	280	13	48	b	98·1	+11	31	26	-	-	-	0	-	-	-	-	3
Mildenhall	280	16	48	b	96·9	+19	31	28	-	-	-	0	-	-	-	-	3
Cranfield	280	07	56	b	98·9	+22	31	24	-	-	-	0	-	-	-	-	5
Elmdon	270	13	19	c	98·8	+27	33	27	5	-	-	6	6	29	-	-	8
Cottesmore	270	10	57	bc	97·9	+20	31	25	-	-	-	0	-	-	-	-	5
Watnall	290	13	32	b	97·2	+16	31	25	-	-	-	0	-	-	-	-	6
Ross-on-Wye	300	08	77	b	00·4	+28	33	23	4	-	-	1	1	25	-	-	3
Shawbury	300	19	48	ps	99·7	+26	34	27	3	6	-	6	5	15	-	-	6
Bristol	310	08	62	b	01·4	+31	35	25	5	-	-	2	2	30	-	-	3
Plymouth	340	05	24	b	03·1	+31	38	31	5	-	-	1	1	35	-	-	3
Chivenor	340	11	82	b	02·2	+29	38	23	5	-	-	1	1	20	-	-	1
St. Eval	350	14	82	bc	03·6	+24	38	27	5	-	2	5	4	25	-	-	1
Culdrose	010	10	80	c	04·2	+21	38	32	5	-	-	6	6	20	-	-	0
Scilly, St. Mary's	360	13	82	c	03·7	+32	42	30	5	-	-	7	7	16	-	-	1
Guernsey	010	10	63	b	01·7	+41	40	26	5	3	2	2	1	25	-	-	2
Aberporth	320	23	83	bc	02·1	+25	36	23	1	-	1	3	3	18	-	-	1
Pembroke Dock	320	13	74	bc	03·0	+31	37	28	1	-	-	3	3	25	-	-	3
Holyhead (Valley)	310	16	82	c	00·4	+29	36	24	2	-	-	6	6	25	-	-	1
Manchester	290	13	48	bdps	97·9	+26	31	27	8	6	3	4	4	18	-	-	8
Squires Gate	310	18	62	bc	97·9	+24	36	26	3	-	-	5	4	20	-	-	5
Silloth	300	17	66	b	96·5	+30	33	27	-	-	-	0	-	-	-	-	3
Lindholme	270	20	62	b	95·6	+21	31	30	-	-	-	0	-	-	-	-	6
Spurn Head	270	24	56	b	93·3	+07	34	28	-	-	-	0	-	-	-	-	5
Dishforth	280	18	82	b	94·8	+31	31	27	-	-	-	0	-	-	-	-	6
Tynemouth	270	14	58	b	91·6	+24	30	27	-	-	-	0	-	-	-	-	8
Leuchars	290	20	80	b	91·2	+27	31	25	-	-	-	0	-	-	-	-	7
Eskdalemuir	280	08	70	b	95·1	+27	26	19	-	-	-	0	-	-	-	-	7
Prestwick	320	18	58	bc	96·7	+30	33	27	9	-	3	4	1	10	-	-	6
West Freugh	320	25	23	ps	98·3	+25	32	26	9	-	-	6	4	15	-	-	8
Ronaldsway	300	18	61	bc	99·4	+21	35	26	3	-	-	5	5	22	-	-	1
Tiree	350	33	66	ks	99·6	+33	30	28	3	-	-	6	6	12	-	-	6
Benbecula	330	40	01	ps	99·2	+26	31	31	9	-	-	7	7	15	3	07	9
Stornoway	330	22	17	ks	96·7	+29	27	24	3	-	-	3	3	20	-	-	7
Cape Wrath	360	37	81	c	92·0	+36	29	26	9	-	-	6	6	25	-	-	9
Sule Skerry	360	44	80	is	89·5	+23	33	24	6	-	-	8	8	10	-	-	7
Renfrew	290	13	56	b	95·8	+32	32	31	3	-	-	1	1	28	-	-	8
Dyce	320	22	74	c/s	88·0	+40	31	25	9	-	-	7	5	45	2	18	9
Wick	320	34	02	ks	87·3	+42	29	28	-	-	-	9	-	-	9	00	9
Lerwick	330	23	32	fs	81·2	+13	28	28	3	2	-	8	6	14	-	-	9
Blacksod Point	340	16	70	c	05·3	+17	38	30	9	-	-	7	-	-	7	58	
Malin Head	320	19	50	ph	00·8	+20	35	32	9	-	-	7	7	21	-	-	
Aldergrove	300	13	59	c	00·9	+26	30	29	9	-	-	7	7	15	-	-	8
Castle Archdale	300	10	82	b/ps	03·0	+23	31	29	9	6	-	1	1	10	-	-	8
Birr Castle	260	03	86	b	05·1	-04	31	27	7	2	5	1	1	04	-	-	
Collinstown	290	12	80	b	03·1	+25	31	26	5	-	-	1	1	35	-	-	
Rineanna	320	03	80	bc	06·1	+19	32	28	8	-	-	8	3	50	1	20	
Valentia	030	04	82	c	06·5	+16	37	30	5	-	-	7	7	25	-	-	
Midleton	-	0	80	bc	05·9	+24	32	29	5	-	1	4	3	35	-	-	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cfbmx	bm cfx bzx	35	1·4	-
London Airport	cfx bz	bz bm₀x	33	*	-
Tangmere	cz₀	bcz₀ bmx	35	1·1	-
Bournemouth (Hurn	cm₀ bcz₀	≠bz₀ bm₀≠x	36	*	-
Boscombe Down	cm x cz bcz₀	bz₀ bz₀x	35	2·4	TR
Felixstowe	cm₀x	bm bm₀x	36	2·6	-
Gorleston	bcmx bzx	bm₀x	33	4·3	-
West Raynham	bcm₀ z₀x	bcb z₀ m₀x	33	4·1	-
Mildenhall	cmb fx	bm₀b	34	3·4	-
Cranfield	bcb m₀ z₀y	bz₀m₀	34	5·0	-
Elmdon	cmx bbc	cps bz cps₀	36	3·8	TR
Cottesmore	bz₀	bcp is bm₀	35	4·8	TR
Watnall	bf bcps₀m	cps₀ mbm₀	35	1·4	0·2
Ross-on-Wye	cm bm bc	bcbb	39	4·5	-
Shawbury	bx cps₀	cph₀ ab	38	4·8	0·1
Bristol	cx bcm	bcz bbx	36	2·5	-
Plymouth	cr₀r₀ m₀ bz₀	bz₀x	41	1·0	0·3
Chivenor	cm₀ bcb	cbcb ybcy	42	2·9	-
St. Eval	cr₀r₀ m₀ cm₀c	cbcb	41	1·5	0·1
Culdrose	or₀ cbc	bcjpbc	41	2·6	3
Scilly, St. Mary's	or₀r₀ bc	bcc	43	2·4	1
Guernsey	crr r₀r₀	cir₀ bbc	44	0·0	4
Aberporth	bcx bcy	bcy bc	39	3·2	-
Pembroke Dock	cxb	bbcbx	41	4·9	-
Holyhead (Valley)	cc ps₀ bcy	bcy cb	38	4·5	TR
Manchester	bcc is₀ cpsc	ccps₀ bcps₀	35	1·8	2
Squires Gate	cz₀ cp3 bc	bcc ps₀ bc	39	3·0	1
Silloth	bps₀ bcb	bby	36	5·0	TR
Lindholme	bm₀ cz₀ psm	bz₀ bbz₀	35	3·7	TR
Spurn Head	bccm₀	bcm₀b	35	3·1	-
Dishforth	cps₀ m₀ psfb	bksb	35	4·3	0·6
Tynemouth	bm₀	bm₀	33	5·7	-
Leuchars	bopsk bc	bbcks	33	4·8	0·2
Eskdalemuir	bcb	b	30	6·0	-
Prestwick	cps₀ km₀ bc	bc	35	1·1	1
West Freugh	bcph₀ ps	ph fk sps₀	36	1·2	0·2
Ronaldsway	by bcjpcpsm	bccpsb	37	5·2	0·4
Tiree	cpsh bcps₀	cks₀ ps₀ ps bc	35	0·7	1
Benbecula	cphsk sfg	cphsks Fc	33	0·8	-
Stornoway	cksps g	cksps bks	31	0·0	7
Cape Wrath	phs	phs	36	*	0·6
Sule Skerry			35	*	2
Renfrew	bccps₀ f m₀	bcm₀ z₀b	35	4·1	TR
Dyce	ops fk sps F	oss fks cps₀k	31	1·4	1
Wick	cpsk sfg	oksfgb	31	0·0	0·3
Lerwick	c	cpsks	29	0·8	0·5
Blacksod Point	c	p	37	3·0	1
Malin Head			37	0·8	1
Aldergrove	bcps₀ fc	cps₀ m₀ cx	36	4·0	2
Castle Archdale	cps₀ bc	bcx ps₀ bx	34	4·8	1
Birr Castle	b	b	36	5·7	TR
Collinstown	s	b	40	6·1	0·1
Rineanna	s	b·	39	2·6	0·2
Valentia	p	p	42	3·9	0·5
Midleton	c	b	38	6·1	TR

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58°54′	18°54′	1010	+16	030	17	sn	p	32	49	22	98	5	-	-	7	7	16
CIRRUS	45°8′	16°6′	1006	+09	230	18	c	f	57	56	55	15	5	-	-	8	8	13
LE VERRIER	51°54′	20°48′	1006	+10	070	30	c	c	48	52	39	97	8	-	2	6	7	11
POLAR FRONT	65°54′	01°36′E	986	+12	360	30	is	p	27	45	23	90	x	x	x	9	9	13
US SHIP 'A'	61°54′	32°30′	1011	-02	260	18	rs	s	35	41	34	96	-	2	-	8	8	5
US SHIP 'L'	52°30′	34°36′	997	+20	090	28	ic	r	47	45	46	65	6	-	-	8	8	13
US SHIP 'D'	44°0′	41°0′	984	+07	-	0	bc	bc	56	59	53	65	1	3	-	2	3	6½
LAURENTIA	42°36′	26°24′	990	-15	200	32	c	c	62	60	57	98	4	6	1	4	7	5
BRITISH MARQUIS	49°6′	03°46′	995	+13	040	13	rr	r	49	53	47	60	7	-	-	8	8	5
CAXTON	50°18′	12°42′	1013	+21	040	28	bc	bc	48	52	32	98	4	4	9	2	4	9½

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	51°48′	20°54′	1002	-17	090	32	c	c	50	62	45	98	5	-	-	7	7	11
WEATHER OBSERVER	59°6′	18°42′	1008	-14	010	10	c	c	33	48	27	98	5	-	-	8	8	5
POLAR FRONT	66°0′	02°0′E	985	+06	360	24	is	s	27	48	23	93	x	x	x	9	8	14
CIRRUS	46°0′	16°0′	1002	-04	210	19	c	c	57	55	55	50	5	-		8	8	11
WEATHER EXPLORER	62°0′	32°48′	996	-19	320	20	pfs	s	35	40	31	95	7	-	-	2	7	5
US SHIP 'L'	52°24′	34°24′	996	-07	090	25	c	r	47	46	45	67	5	-	-	7	7	13
US SHIP 'D'	44°0′	41°0′	983	-10	200	09	b	c	57	57	50	75	2	3	-	1	1	3
VANLETIA	41°64′	09°54′	1014	-01	210	07	c	d	59	59	67	97	6	-	-	8	8	5
HERTFORD	42°42′	19°12′	1001	-20	200	18	c	c	61	51	59	97	-	x	x	8	8	6½
RADLEY	55°36′	21°30′	1010	+00	020	05	c	c	38	50	38	98	5	-	-	7	7	5

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility, in the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

*Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Wednesday 12th January

1955

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 represents 10 Kt. and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky $\frac{1}{8}$ covered ◐ Sky $\frac{2}{8}$ covered ⊕ Sky $\frac{3}{8}$ covered ◑ Sky $\frac{4}{8}$ covered ◑ Sky $\frac{5}{8}$ covered ◑ Sky $\frac{6}{8}$ covered ◑ Sky $\frac{7}{8}$ covered ● Sky $\frac{8}{8}$ covered ⊗ Sky obscured

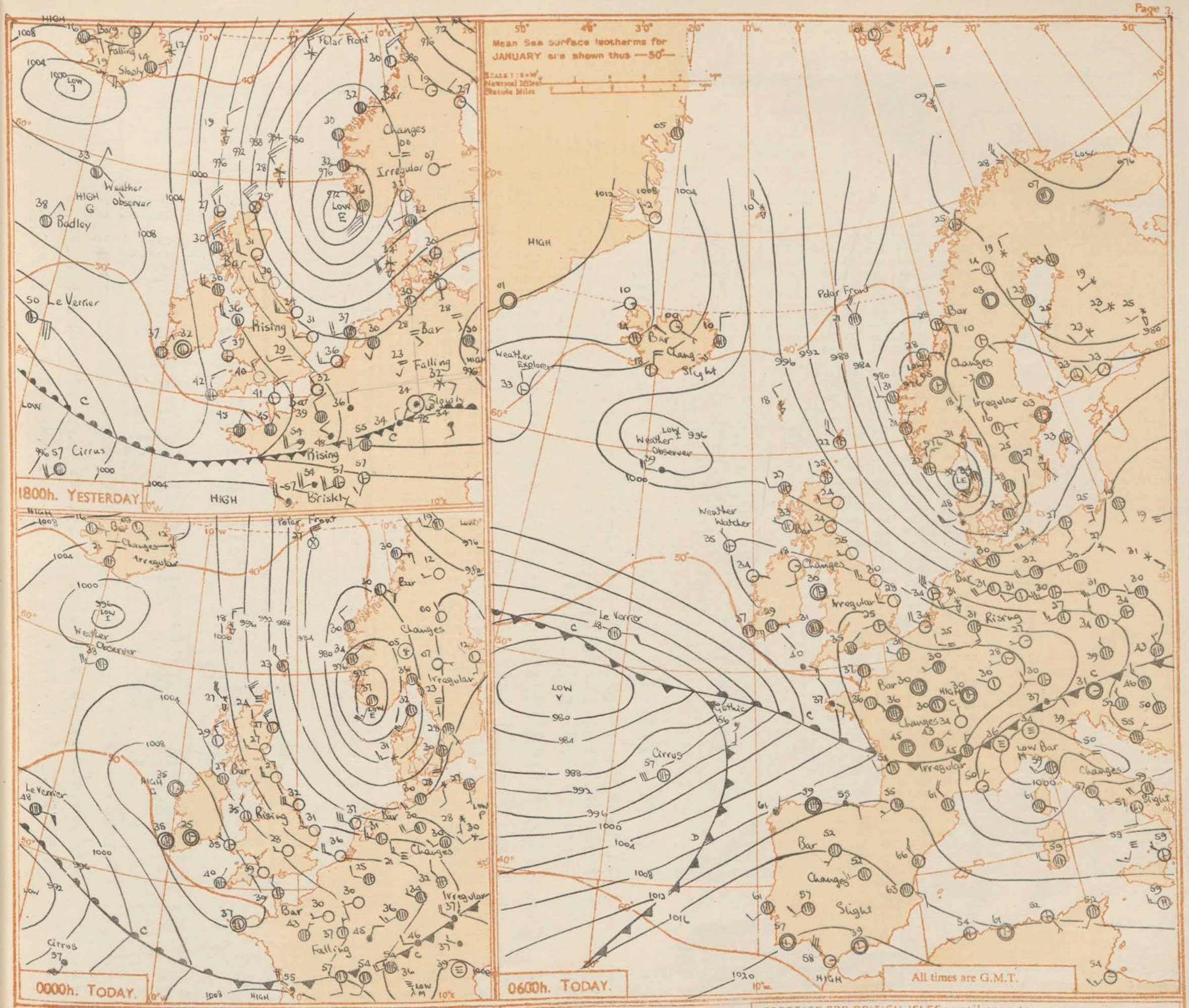
WEATHER SYMBOLS • Rain, ◦ Drizzle * Snow ✱ Sleet △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog = Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

Issued at mid-day to-day Thursday 13th January, 1955

A depression is approaching West Scotland and is expected to move east across Scotland towards the North Sea and Scandinavia.

Another depression is moving towards southwestern districts of British Isles but this depression appears likely to move east along the English Channel or across Northern France.

FORECAST FOR BRITISH ISLES until noon tomorrow:-

Snow will occur over Southwest England and there is a possibility of a period of snow affecting other southern counties of England and also South Wales. The snow will turn to rain temporarily on coasts. Otherwise mostly dull over southern half of England and South Wales. Elsewhere in British Isles sunny periods by day and clear periods at night: snow showers also expected mostly in Scotland and Northern Ireland but prolonged in places with drifting. Very cold with frost in many places day and night.

OUTLOOK FOR the following 24 hours:-

Very cold weather probably continuing with further snow in places, especially in the North.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 13th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form: Low † (9)	Cloud: Form: Medium † (10)	Cloud: Form: High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer: Amt. 0–8 (13)	Cloud: Main layer: Ht. † (14)	Cloud: Lowest layer: Amt. 0–8 (15)	Cloud: Lowest layer: Ht. † (16)
Kew	18	*	*	*	*	*	*	32	*	*	*	*	*	*	*	*	*
London Airport	82	270	06	66	b	04·7	+25	28	24	-	-	-	0	-	-	-	-
Tangmere ...	53	290	03	23	b	06·1	+24	30	26	-	-	-	0	-	-	-	-
Bournemouth (Hurn	34	290	04	62	b	06·8	+19	27	23	-	-	-	0	-	-	-	-
Boscombe Down	414	290	06	63	b	06·8	+22	27	23	-	-	1	1	-	-	1	72
Felixstowe ...	10	300	19	56	b	02·2	+24	33	26	-	-	-	0	-	-	-	-
Gorleston ...	5	280	14	58	b	99·9	+27	31	29	-	-	-	0	-	-	-	-
West Raynham	250	270	15	56	b	00·5	+25	29	28	-	-	-	0	-	-	-	-
Mildenhall ...	15	280	13	51	b	02·3	+28	29	26	-	-	-	0	-	-	-	-
Cranfield ...	340	270	09	60	b	04·0	+26	29	22	5	-	-	1	1	50	-	-
Elmdon ...	324	260	08	28	bc	04·0	+22	31	29	5	-	-	3	3	35	-	-
Cottesmore ...	440	270	12	58	b	02·9	+22	29	26	-	-	-	0	-	-	-	-
Watnall ...	366	270	08	60	b	02·6	+23	28	25	-	-	-	0	-	-	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	300	16	66	bc	04·7	+28	30	29	5	3	-	4	3	40	-	-
Bristol	192	280	07	66	b	06·4	+20	33	27	-	-	-	0	-	-	-	-
Plymouth ...	90	-	0	62	bc	08·2	+16	31	28	-	7	-	4	-	-	4	58
Chivenor ...	20	310	06	82	c	07·6	+14	35	26	1	-	8	6	3	25	-	-
St. Eval... ...	336	330	03	81	bc	08·4	+20	38	27	5	-	-	5	5	38	-	-
Culdrose ...	260	040	02	80	c	09·2	+18	34	28	5	3	1	6	4	40	-	-
Scilly, St. Mary's	158	020	02	85	c	01·9	+15	40	28	5	-	-	7	7	16	-	-
Guernsey ...	340	330	06	82	bc	09·0	+30	38	28	5	3	-	5	4	35	-	-
Aberporth ...	375	320	18	88	c	06·4	+14	35	26	2	-	-	6	6	25	-	-
Pembroke Dock	34	300	07	74	bc	01·6	+19	35	29	8	-	1	3	2	24	-	-
Holyhead (Valley)	32	320	06	82	bc	06·1	+23	33	29	2	-	-	4	4	25	-	-
Manchester ...	248	290	09	58	bc	02·7	+20	30	13	4	-	-	5	5	35	-	-
Squires Gate ...	33	320	14	74	bc	03·0	+21	36	28	2	-	-	3	3	22	-	-
Silloth	25	300	14	66	b	02·0	+26	31	21	-	-	-	0	-	-	-	-
Lindholme ...	21	270	16	58	b	00·8	+27	30	25	-	-	-	0	-	-	-	-
Spurn Head ...	29	300	28	60	b	96·8	+22	32	29	-	-	-	0	-	-	-	-
Dishforth ...	105	290	20	82	b	00·2	+25	29	19	-	-	-	0	-	-	-	-
Tynemouth ...	108	270	13	61	b	99·2	+32	27	23	-	-	-	0	-	-	-	-
Leuchars ...	36	270	18	80	b	98·0	+27	27	22	-	-	-	0	-	-	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	320	15	74	b	01·8	+20	32	20	2	-	-	1	1	20	-	-
West Freugh ...	50	300	15	74	bc/ps	03·1	+23	30	28	3	-	-	3	3	18	-	-
Ronaldsway ...	55	300	16	28	bc	04·0	+21	32	29	9	-	-	3	3	18	-	-
Tiree	29	330	17	82	b	03·1	+13	29	21	2	-	-	2	2	20	-	-
Benbecula ...	18	330	32	11	ks.	02·0	+03	32	31	9	-	3	6	5	18	-	-
Stornoway ...	10	330	23	01	ps.	00·5	+15	27	25	3	-	-	4	4	16	-	-
Cape Wrath ...	367	360	30	82	bc	97·1	+29	27	19	9	-	-	4	4	30	-	-
Sule Skerry ...	43	360	44	81	is.	95·5	+3·	32	22	6	-	-	8	8	10	-	-
Renfrew ...	28	280	08	66	b	01·3	+26	29	20	-	-	-	0	-	-	-	-
Dyce	185	310	25	66	ks	94·9	+32	27	17	9	6	3	4	2	20	-	-
Wick	119	320	24	01	bfr	94·6	+37	24	22	9	-	-	2	2	15	-	-
Lerwick ...	269	320	18	66	c/ps	87·5	+46	23	22	8	-	-	6	6	20	-	-
Blacksod Point	18	-	0	70	bc/ps	07·5	+09	38	32	9	-	-	3	3	15	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	300	08	63	c/ps	04·9	+18	27	24	9	-	-	6	6	15	-	-
Castle Archdale	225	230	05	74	b	06·5	+10	29	27	5	-	-	1	1	20	-	-
Birr Castle ...	231	270	01	82	bc	08·1	+12	28	26	5	-	-	5	5	41	-	-
Collinstown ...	226	270	07	74	b	07·4	+13	25	23	-	-	-	0	-	-	-	-
Rineanna ...	10	090	05	80	bc	08·6	+08	25	24	-	-	5	3	-	-	3	70
Valentia ...	30	-	0	82	c	08·2	+02	35	31	5	-	2	7	5	35	-	-
Midleton ...	30	-	0	80	bc	08·5	+06	25	25	-	-	5	3	-	-	3	79

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low † (25)	Cloud: Form: Medium † (26)	Cloud: Form: High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer: Amt. 0–8 (29)	Cloud: Main layer: Ht. † (30)	Cloud: Lowest layer: Amt. 0–8 (31)	Cloud: Lowest layer: Ht. † (32)	09h. State of ground † (33)
Kew	250	02	20	b	07·8	+08	30	28	-	-	-	0	-	-	-	-	3
London Airport	250	01	61	bc	07·7	+01	25	24	-	-	8	3	-	-	3	73	3
Tangmere ...	-	0	24	c	08·6	-07	25	25	-	-	7	8	-	-	8	70	3
Bournemouth (Hurn	340	02	62	c	08·5	-05	26	23	-	-	7	8	-	-	8	70	1
Boscombe Down	-	0	59	c	09·1	-01	29	25	-	-	7	7	-	-	7	72	1
Felixstowe ...	290	15	58	b	07·3	+14	32	27	-	-	1	1	-	-	1	76	3
Gorleston ...	280	11	58	b	05·0	+18	28	21	-	-	-	0	-	-	-	-	3
West Raynham	280	09	56	b	05·6	+12	26	23	-	-	-	0	-	-	-	-	3
Mildenhall ...	290	11	62	b	06·6	+10	28	26	-	-	1	2	-	-	2	75	3
Cranfield ...	250	06	60	bc	07·8	+07	24	20	-	-	6	5	-	-	5	75	5
Elmdon ...	230	04	40	c	07·3	+03	27	23	-	-	6	6	-	-	6	75	5
Cottesmore ...	280	08	63	b	06·9	+08	27	23	-	-	-	0	-	-	-	-	3
Watnall ...	240	02	48	b	07·0	+10	25	22	-	-	-	0	-	-	-	-	6
Ross-on-Wye ...	060	01	77	c	07·4	-06	28	24	-	-	7	7	-	-	-	-	3
Shawbury ...	260	05	66	c	06·9	-03	27	23	5	-	-	7	7	35	-	-	6
Bristol	140	01	57	c	08·0	-05	28	27	-	-	7	8	-	-	8	72	3
Plymouth ...	110	05	59	c	07·8	-19	33	27	-	7	-	8	-	-	8	63	3
Chivenor ...	090	04	82	c	07·1	-21	31	27	-	2	-	8	-	-	8	58	1
St. Eval... ...	120	10	81	c	06·2	-29	33	27	-	7	-	7	-	-	7	64	1
Culdrose ...	100	09	80	c	07·0	-24	36	29	3	1	-	8	2	20	-	-	1
Scilly, St. Mary's	100	13	81	ifr	03·7	-41	40	29	6	-	-	8	8	10	-	-	2
Guernsey ...	080	04	82	c	08·7	-10	38	27	5	1	8	8	3	40	-	-	1
Aberporth ...	-	0	82	c	06·6	-11	31	24	1	-	6	7	2	20	-	-	1
Pembroke Dock	-	0	74	c	06·8	-17	31	28	-	2	-	8	-	-	8	66	3
Holyhead (Valley)	-	0	82	bc	05·6	-12	30	20	1	-	6	5	2	25	-	-	3
Manchester ...	130	06	63	b	06·1	+01	25	20	-	-	-	0	-	-	-	-	9
Squires Gate ...	330	05	80	bc	05·3	-01	33	20	-	-	6	4	-	-	4	75	5
Silloth	260	07	66	bc	04·8	-03	30	23	-	-	5	3	-	-	3	75	3
Lindholme ...	270	06	48	b	05·4	+11	24	19	-	-	-	0	-	-	-	-	5
Spurn Head ...	290	26	66	b	04·3	+23	30	27	-	-	-	0	-	-	-	-	3
Dishforth ...	270	08	82	b	05·1	+09	26	18	-	-	1	1	-	-	1	70	6
Tynemouth ...	270	07	61	b	03·9	+09	25	21	-	-	-	0	-	-	-	-	3
Leuchars ...	250	11	80	b	01·8	+04	24	15	-	-	-	0	-	-	-	-	7
Eskdalemuir ...	-	0	66	b	04·0	+05	20	13	-	-	-	0	-	-	-	-	7
Prestwick ...	030	02	74	bc	03·9	-06	31	22	1	-	1	3	2	25	-	-	6
West Freugh ...	-	0	80	bc	04·3	-11	24	19	2	-	1	3	2	20	-	-	8
Ronaldsway ...	-	0	82	b	05·3	-08	25	21	1	-	5	2	1	18	-	-	8
Tiree	290	03	74	bc/ps	01·8	-21	33	22	2	-	-	4	4	20	-	-	6
Benbecula ...	270	16	81	bc	00·0	-26	33	31	3	-	-	5	5	22	-	-	9
Stornoway ...	270	11	66	c/ps	98·0	-28	27	25	3	7	-	7	3	20	-	-	7
Cape Wrath ...	320	09	82	bc	97·5	-06	29	14	8	-	-	5	5	25	-	-	5
Sule Skerry ...	360	13	81	c	96·7	-01	31	29	8	-	-	8	8	10	-	-	7
Renfrew ...	260	06	66	b	03·6	-01	26	21	5	-	-	1	-	-	-	-	6
Dyce	270	12	82	b/pk	99·9	+13	24	18	-	-	-	0	-	-	-	-	8
Wick	290	10	82	bc	97·5	+03	25	19	9	-	-	5	5	15	-	-	7
Lerwick ...	320	18	66	bc	91·5	+13	22	20	3	-	-	5	5	17	-	-	9
Blacksod Point	110	02	70	b	05·3	-19	34	27	9	-	-	1	1	15	-	-	3
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5
Aldergrove ...	180	09	81	b	05·6	-07	18	16	-	-	1	1	-	-	1	82	8
Castle Archdale	160	06	74	bc	05·0	-24	21	20	5	-	5	3	1	25	-	-	8
Birr Castle ...	-	0	81	c	05·2	-28	24	23	5	-	6	7	4	40	-	-	3
Collinstown ...	270	03	74	c	06·9	-14	25	24	-	3	5	7	-	-	1	60	5
Rineanna ...	100	11	69	c	04·7	-32	29	27	5	-	7	8	1	56	-	-	3
Valentia ...	090	15	83	c	02·0	-41	37	23	-	1	-	8	-	-	8	62	7
Midleton ...	090	05	80	c	04·2	-38	29	28	6	7	-	8	1	16	-	-	3

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	b2ox	bm·cfx	27	16	-
London Airport	bm·xb2ob	bxcm·xcfx	23	18	-
Tangmere ...	bm·x	cm·x	24	15	-
Bournemouth (Hurn	bm·xbcx	cxcm·x.	26	17	-
Boscombe Down	bm·xbx	cm·x	26	18	0·1
Felixstowe ...	bm·x	b2ox.	30	27	-
Gorleston ...	bm·x	bcmx	26	22	-
West Raynham	bm·x	bm·cm·x	24	18	-
Mildenhall ...	bm·x	bm·xbx	29	20	TR
Cranfield ...	bm·b	bbccm.	23	20	-
Elmdon ...	bc2o	cm.	25	19	-
Cottesmore ...	bm.	bcm.	24	21	-
Watnall ...	bm·b	bbm·cm.	22	16	-
Ross-on-Wye ...	bb	bcc	26	20	-
Shawbury ...	bcpsoc	cbc·	23	16	0·5
Bristol	bx	cx	26	20	-
Plymouth ...	bm·xcx	cm·xois.	30	23	TR
Chivenor ...	bcyc	c	31	24	-
St. Eval... ...	bbcc	bcc oism.	33	27	TR
Culdrose ...	bcc	cido of f.s	32	24	1
Scilly, St. Mary's	co	orr	37	*	6
Guernsey ...	bcc	cis.	36	30	TR
Aberporth ...	bccb	bccx	30	19	-
Pembroke Dock	bxcx	cx	30	22	-
Holyhead (Valley)	bbc	bbc	27	18	-
Manchester ...	bcpsobbc	bbcc	21	21	TR
Squires Gate ...	bcbbcb	bbcycm.	23	19	-
Silloth	byb	bcx bc	23	19	-
Lindholme ...	b2o	bcm.	24	21	-
Spurn Head ...	b	bbcm.	28	*	-
Dishforth ...	b	bbc	21	14	-
Tynemouth ...	b	bb2.	23	18	-
Leuchars ...	bksps.ob	b	18	15	TR
Eskdalemuir ...	b	b	16	08	-
Prestwick ...	bcb	bbcb	22	04	-
West Freugh ...	bcks.bcps.	bccps.	22	16	TR
Ronaldsway ...	bcpr.sbcx	bxcx	21	12	0·2
Tiree	cps.ks.	bycps.c	26	18	TR
Benbecula ...	cps.phkps.	cbcx cjp	28	xx	xx
Stornoway ...	bbcps.ks	bbccopsks	24	20	2
Cape Wrath ...	bcph	ophf	25	24	0·2
Sule Skerry ...	*	*	26	22	*
Renfrew ...	b2ob	bbn·	20	18	-
Dyce	bksps.ph.	~~bcr~~ bcps.p~~s~~b	20	16	0·1
Wick	bksfops	bksfpsph	22	19	2
Lerwick ...	cpsks	bbcc	21	21	0·2
Blacksod Point	p	b	21	25	0·5
Malin Head ...	*	*	27	*	TR
Aldergrove ...	cps.bx	bxcx	14	15	TR
Castle Archdale	bx	bxbcx	18	11	-
Birr Castle ...	b	bc	23	17	TR
Collinstown ...	b	b	24	17	TR
Rineanna ...	bc	c	24	19	TR
Valentia ...	c	c	33	27	TR
Midleton ...	b	c	24	14	TR

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59°12'	18°30'	1001	-42	250	25	c	c	38	47	29	98	5	-	-	1	1	8
LEVERRIER	51°48'	21°6'	998	-78	090	50	c	c	48	50	43	97	5	-	-	8	8	14
POLAR FRONT	65°54'	01°42'E	985	+00	350	32	c	p	27	37	18	97	-	-	-	9	9	14
CIRRUS	45°0'	15°54'	997	-32	190	28	ir.	c	51	56	57	40	1	2	-	6	8	11
WEATHER EXPLORER	61°54'	32°24'	1012	-07	010	22	ps	p	31	36	30	97	3	-	-	7	7	6½
U·S SHIP "C"	52°42	34°24'	995	-07	090	25	bc	c	48	46	42	95	5	-	-	3	3	9½
U·S. SHIP "D"	44°0'	41°0'	981	-09	180	12	b	bc	55	58	51	65	-	-	-	0	0	5
WEATHER WATCHER	55°12'	05°48'	1003	+26	350	24	b	bc	36	48	27	98	3	-	-	2	2	6½
SAXONIA	50°54'	25°18'	990	-10	110	40	c	d	49	53	47	98	7	-	-	8	8	17½
HERTFORD	43°48'	17°6'	969	-23	200	20	ir	r	59	61	59	96	5	-	-	8	8	-

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59°12'	18°42'	995	-37	270	29	r/r	c	39	48	35	97	6	-	-	8	8	11
LEVERRIER	51°42'	20°42'	989	-37	090	50	c	p	48	50	43	97	8	-	-	8	8	21
POLAR FRONT	65°48'	01°30'E	985	+02	340	29	c/ps	p	27	37	18	98	9	1	-	5	8	13
CIRRUS	44°54'	15°54'	993	+00	230	32	c	r	57	56	54	93	5	4	-	5	7	16
WEATHER EXPLORER	61°42'	32°24'	1004	-13	330	10	bc	p	33	40	30	98	2	-	-	3	3	6½
U·S. SHIP "C"	53°06'	33°36'	994	00	070	33	c	c	46	47	39	69	8	-	-	6	6	5
U·S. SHIP "D"	44°0'	41°0'	1011	-03	230	14	pr	p	54	55	44	61	2	-	-	6	6	6½
WEATHER WATCHER	55°48'	07°0'	1003	-11	320	04	b/ps	p	35	47	30	99	3	-	-	5	5	5
LAURENTIA	40°24'	29°42'	996	+14	240	28	bc	b	65	64	60	98	1	-	9	1	4	16
GOTHIC	47°30'	11°12'	994	-40	180	17	[illegible]	d	56	57	55	97	7	-	-	8	8	5

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*Information not usually received.

† Code figure (see Introduction)

No. 34821

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Friday 14th January 1955

OBSERVATIONS at 12h. G.M.T. 13th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees)	Wind Speed (kts.)	† Visibility	Present Weather	Pressure Bar at M.S.L. mb	Pressure Change in 3 hrs.	Temp. Dry Bulb °F.	Temp. Dew point °F.	Cloud Form Low †	Cloud Form Medium †	Cloud Form High †	Cloud Total amount 0-8	Cloud Main layer Amt. (0-8)	Cloud Main layer Ht. †	Cloud Lowest layer Amt. (0-8)	Cloud Lowest layer Ht. †
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	110	04	03	dft	25·0	-39	33	27	6	-	-	8	8	06	-	-
London Airport	100	07	05	cf-	04·9	-41	32	26	-	7	-	8	-	-	8	60
Tangmere	090	13	32	c	85·1	-37	34	25	5	-	-	8	8	57	4	25
Bournemouth (Hurn	120	09	28	is	02·4	-43	35	30	5	2	-	8	8	57	1	07
Boscombe Down	130	08	58	c	04·4	-45	31	29	6	7	-	8	1	20	-	-
Felixstowe	230	04	31	c	08·4	-09	32	26	-	7	-	8	-	-	8	70
Gorleston	200	03	32	c	06·4	-12	30	25	-	1	-	8	-	-	-	-
West Raynham	150	02	56	c	08·0	-21	29	24	-	7	7	8	-	-	5	62
Mildenhall	120	03	48	c	08·7	-24	31	26	-	7	-	8	-	-	8	64
Cranfield	140	06	37	o	04·8	-30	30	25	-	2	-	8	-	-	8	62
Elmdon	130	04	26	c	03·6	-32	30	25	5	2	-	8	8	56	-	-
Cottesmore	150	07	48	c	05·6	-24	29	25	-	7	7	8	-	-	6	62
Watnall	150	02	05	f-	04·6	-28	29	26	-	-	7	8	-	-	8	70
Ross-on-Wye	110	06	37	c	02·1	-44	32	25	-	2	-	8	8	50	-	-
Shawbury	140	03	58	c	02·5	-39	31	25	-	7	7	8	-	-	5	62
Bristol	120	12	57	c	02·6	-45	32	30	5	7	-	8	4	40	-	-
Plymouth	120	13	11	ss	97·7	-64	34	33	-	2	-	8	8	02	-	-
Chivenor	110	14	06	s_0s_0	98·8	-64	32	32	-	-	-	9	-	-	-	-
St. Eval	110	19	17	r_0s_0	98·7	-67	34	34	-	2	-	8	8	05	-	-
Culdrose	120	30	20	r(d)s	96·3	-72	36	36	6	2	-	8	8	10	4	04
Scilly, St. Mary's	110	31	32	rr	91·0	-68	40	40	6	-	-	8	8	04	-	-
Guernsey	140	18	11	ss	00·8	-57	34	34	6	-	-	8	8	03	-	-
Aberporth	130	14	86	c	99·1	-52	34	24	5	7	-	8	1	35	-	-
Pembroke Dock	120	20	58	is_0	98·9	-50	37	29	5	2	-	8	8	40	6	14
Holyhead (Valley)	110	01	81	c	00·5	-35	33	27	5	-	7	8	1	25	-	-
Manchester	130	08	40	c	03·1	-31	29	25	-	1	7	8	-	-	1	64
Squires Gate	140	08	14	c	02·0	-34	31	26	-	-	8	8	-	-	8	70
Silloth	190	02	63	c	01·8	-23	32	22	5	-	8	7	3	30	-	-
Lindholme	180	06	12	c	04·0	-25	28	21	-	-	8	7	-	-	7	75
Spurn Head	230	10	24	c	05·1	-11	30	28	5	-	-	6	6	20	-	-
Dishforth	150	08	32	c	03·4	-19	27	19	-	-	6	7	-	-	7	70
Tynemouth	230	05	16	b	02·8	-12	29	24	-	-	8	2	-	-	2	60
Leuchars	250	10	48	b	98·8	-23	28	29	5	-	-	1	1	30	-	-
Eskdalemuir	-	0	66	b	02·3	-22	18	15	-	3	8	2	-	-	1	55
Prestwick	170	12	74	c/os	00·8	-30	32	23	8	-	-	7	6	30	2	20
West Freugh	-	0	82	c	00·6	-29	29	24	1	-	6	6	2	25	-	-
Ronaldsway	140	13	89	c	01·2	-32	35	23	5	-	6	7	5	22	-	-
Tiree	220	12	83	c	98·2	-19	37	24	8	-	-	7	7	25	2	14
Benbecula	240	25	82	jp	95·3	-14	38	28	6	-	8	7	6	23	3	18
Stornoway	240	26	48	ps_0	91·7	-15	34	32	8	-	-	7	7	15	2	10
Cape Wrath	270	24	F2	33	88·6	+02	31	31	-	-	-	9	-	-	-	-
Sule Skerry	090	24	52	ss	88·8	-42	30	27	6	-	-	8	8	10	-	-
Renfrew	-	0	02	cft	00·6	-17	27	24	5	-	-	7	7	30	-	-
Dyce	210	08	82	b	95·6	-24	28	19	-	-	5	1	-	-	1	70
Wick	260	28	28	KS	89·1	-38	31	30	9	-	-	7	7	06	-	-
Lerwick	330	10	63	is_0	90·8	-15	24	22	5	7	-	8	7	14	-	-
Blacksod Point	120	10	80	c	99·7	-28	35	29	8	-	2	7	1	15	-	-
Malin Head	180	05	76	bc	99·7	-23	32	22	5	-	-	4	4	21	-	-
Aldergrove	080	05	58	jf	02·0	-23	15	13	6	-	8	6	1	00	-	-
Castle Archdale	-	0	04	cf-	00·7	-28	22	20	6	-	7	7	3	07	-	-
Birr Castle	110	10	82	c	97·1	-46	34	26	5	2	-	7	1	25	-	-
Collinstown	140	14	80	c	99·7	-46	36	29	5	7	8	8	3	24	-	-
Rineanna	080	15	83	c	96·3	-49	34	31	5	7	-	8	8	50	-	-
Valentia	100	21	62	rr	92·2	-44	38	33	6	-	-	8	8	19	-	-
Midleton	140	20	58	r_0r_0	94·6	-47	37	35	7	2	-	8	8	30	5	13

OBSERVATIONS at 18h. G.M.T. 13th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees)	Wind Speed (kts.)	† Visibility	Present Weather	Pressure Bar at M.S.L. mb	Pressure Change in 3 hrs.	Temp. Dry Bulb °F.	Temp. Dew point °F.	Cloud Form Low †	Cloud Form Medium †	Cloud Form High †	Cloud Total amount 0-8	Cloud Main layer Amt. (0-8)	Cloud Main layer Ht. †	Cloud Lowest layer Amt. (0-8)	Cloud Lowest layer Ht. †	21 h. † State of ground	Weather 09h. to 15h.	Weather 15h. to 21h.	Max. Temp. 09h.-21h. °F	Sunshine	Rain 09h.-21h. mm.
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Kew	100	10	03	ss	94·9	-46	33	32	7	-	-	8	8	07	-	-	9	$of_Xo_Ds_Or_0$	os_0s_0fssf	34	0·0	5
London Airport	100	10	12	s_0s_0	95·0	-45	32	31	-	-	-	9	-	-	-	-	9	$cf_Zx_Do_Ds_0z_X$	$os_0fssfs_0s_0m$	34	*	6
Tangmere	120	16	14	r_0s_0	94·0	-51	32	32	-	2	-	8	8	03	-	-	7	$cm_0x_Dz_Bm$	$osbfr_0r_0m_0$	34	0·0	11
Bournemouth (Hurn	130	09	32	s_0s_0	90·5	-58	33	32	6	-	-	8	8	25	5	08	7	$cm_0s_0s_0sbf$	$cssfs_0s_0ddrr$	36	*	15
Boscombe Down	140	17	11	ss	92·7	-49	32	32	6	-	-	8	8	01	-	-	7	$cm_0o_Bs_Bf$	$o_Bs_Bfo_Bs_Bm$	32	0·0	7
Felixstowe	180	20	58	c	90·3	-56	34	29	5	7	-	8	6	14	-	-	7	cm_0x	$cxcm_Bs_0s_0$	36	0·0	1
Gorleston	180	16	62	c	90·2	-44	35	29	-	7	-	8	8	57	-	-	9	om_0xo	$oo_Bo_Bs_0m_0$	36	0·0	1
West Raynham	180	06	58	c	88·1	-33	28	22	-	7	-	8	-	-	8	61	7	cm_0z_0x	$-z_0x$ o_Bs_Bmf	29	0·0	1
Mildenhall	120	09	28	is_0	87·7	-34	31	20	-	2	-	8	-	-	8	58	7	cm_0x	$cm_0s_0s_0n$	32	0·0	0·6
Cranfield	110	10	09	ss	96·0	-35	31	29	6	2	-	8	8	45	6	02	7	cz_0m_0	$cs_0s_0fm_0$	32	0·0	0·6
Elmdon	100	10	0810	ss	94·9	-38	29	28	-	-	-	9	-	-	-	-	9	c	cos_Bs_0	31	0·0	2
Cottesmore	100	08	32	bc	98·5	-29	28	24	5	2	-	6	4	40	-	-	6	cm_0	$cz_0cs_0s_0m$	29	0·0	0·5
Watnall	100	10	14	c	97·1	-33	28	25	-	3	7	8	-	-	5	62	7	$cm_Bff_Bm_0$	$cm_Bs_0s_0m$	30	0·0	0·6
Ross-on-Wye	070	05	17	is_0	92·8	-43	30	29	-	2	-	8	8	10	-	-	7	oos	sso_Bis_0	33	0·0	5
Shawbury	120	12	23	is_0	94·9	-30	30	××	5	-	-	8	8	45	-	-	7	cc_Bm_0	$cm_0s_0s_0m_0$	32	0·0	0·2
Bristol	080	06	14	s_0s_0	92·6	-42	31	31	6	-	-	8	8	02	-	-	7	$cc_Bs_0s_0$	$cs_Bs_Bs_0$	32	0·0	8
Plymouth	110	16	33	rr	86·3	-47	38	37	6	2	-	8	8	17	4	05	2	$or_Bo_Bs_Bc_Bc_Bm_0$	cr_0r_0r Rr_Bm_0	42	0·0	26
St. Eval	110	12	32	r_0s_0	87·9	-52	34	33	6	-	-	8	8	03	-	-	6	$co_Bs_0s_0f$	$os_0s_0fr_0s_0RR_Bm_0$	35	0·0	26
Culdrose	110	23	58	RR	84·4	-37	38	38	6	2	-	8	8	14	6	07	2	$os_0s_0fo_0s_0m_0$	cr_0r_0 RR_Bm_0	51	0·0	26
Scilly, St. Mary's	240	20	16	rr	85·5	-38	51	51	7	2	-	8	8	06	5	04	2	orr sr_Br	orr dr	52	0·0	27
Guernsey	230	23	48	r_0r_0	82·7	-27	53	52	7	-	-	8	8	03	-	-	2	orr	or_0r_0	53	0·0	15
Aberporth	240	24	56	clr	98·8	-35	53	51	5	7	-	7	5	14	-	-	2	$cs_0s_Bsr_Br_Br$	$cr_Br_Bc_Br_Bc$	53	0·0	16
Pembroke Dock	090	12	14	s_0s_0	90·8	-36	32	31	-	-	-	9	-	-	-	-	7	$cc_Bs_0m_0$	$os_Bm_0s_0s_0s_Bm_0$	35	0·0	2
Holyhead (Valley)	090	13	20	s_0s_0	88·4	-51	34	33	6	-	-	8	8	06	-	-	6	$cm_0os_Bm_0$	os_0s_0 No	38	0·0	10
Manchester	040	01	80	c	93·8	-29	33	25	5	2	-	8	1	20	-	-	3					
Squires Gate	080	09	28	c	95·7	-34	28	20	5	7	-	8	4	50	-	-	9	c	c	35	0·0	-
Silloth	090	09	23	c	96·0	-28	27	24	-	-	7	8	-	-	8	70	5	c	c	31	0·0	-
Lindholme	070	08	56	bc	97·2	-19	24	19	-	-	2	4	-	-	4	75	3	cm_0cm	cm_Bm_0	32	0·0	-
Spurn Head	100	09	23	c	97·4	-32	26	22	-	-	7	8	-	-	8	75	5	bc_Bcm_0	cz_0bm_0	33	0·4	-
Dishforth	180	12	56	c	00·1	-26	31	29	6	-	-	6	6	20	-	-	3	cz_0	cm_Bcm_0	30	0·0	-
Tynemouth	-	0	12	c/f	98·1	-20	24	21	-	-	7	8	-	-	8	70	5	cm_0	cm_0cbc	33	0·0	-
Leuchars	250	03	04	bf	98·9	-11	26	22	5	-	-	2	2	30	-	-	3	bcz_0	cm_Bfcm	29	0·0	-
Eskdalemuir	240	05	32	b	93·0	-09	27	24	-	-	-	0	-	-	-	-	7	$bzbcz$	bcz bff	32	1·1	-
Prestwick	-	0	66	b	97·8	-17	15	13	-	-	-	0	-	-	-	-	7	b	b	30	5·0	-
West Freugh	120	05	48	bc	96·1	-21	30	23	8	-	-	5	5	30	1	20	6	$bcps_0bc$	cbm_0	36	3·4	Tr
Ronaldsway	150	08	74	c	95·3	-23	36	24	5	-	-	7	7	49	-	-	8	c	cps_0bc	37	0·8	Tr
Tiree	110	11	82	c	95·3	-27	34	26	5	1	8	7	1	22	-	-	6	cx_Bc	c	36	0·0	-
Benbecula	120	12	74	bc	94·1	-16	36	30	9	3	-	5	4	25	-	-	6	$cjpy_Bpr_0s_0ps_0$	$cjpps_0bcb$	37	0·3	1
Stornoway	200	06	58	ss	93·0	+02	31	31	-	-	-	9	-	-	-	-	9	$cjpr_0s_0$	$cp_Bs_0ssps_0c$	39	0·0	8
Cape Wrath	160	66	c	94·6	+15	29	25	3	-	-	8	8	28	1	10	7	cps_0oss	cks_0bc	37	0·0	4
Sule Skerry	080	03	33	bc	94·1	+10	26	18	9	-	-	5	5	20	-	-	9	$ossf$	$ssbc$	35	*	4
Renfrew	050	19	80	is	92·4	+05	29	24	6	-	-	8	8	10	-	-	1			31	*	3
Dyce	-	0	13	b	96·1	-20	26	24	2	-	1	1	1	25	-	-	6	bf_Bcm	bm_Bff	33	0·8	-
Wick	240	09	82	c	93·1	-02	29	22	5	7	-	7	5	45	-	-	9	bbc	$bcos_0s_0m_0$	33	6·5	Tr
Lerwick	330	12	66	c	93·1	+15	25	24	6	-	8	7	3	08	-	-	7	pss ksf	cks_Bm_0b	33	0·0	5
Blacksod Point	350	15	00	SS	91·3	+11	23	21	7	-	-	8	8	08	-	-	9	cc_Bis_0	cis_0ks ps_0bc	28	0·0	0·6
Malin Head	060	09	80	b	95·3	-15	33	29	8	-	-	2	2	15	-	-		bc	b	35	2·0	-
Aldergrove	180	02	63	bc	95·0	-28	27	21	2	-	-	3	3	21	-	-		bc	bc	33	5·9	-
Castle Archdale	060	09	63	bc	95·8	-25	22	19	5	-	1	5	4	35	-	-	6	cx	~~cx~~ bx	~~26~~ 24	~~xx~~	-
Birr Castle	-	0	84	bc	95·5	-20	24	22	5	3	2	3	1	18	-	-	8	$cfxcx$	$bcvx$	28	0·5	-
Collinstown	050	08	82	bc	91·4	-20	32	31	5	-	-	5	5	43	-	-		c	c	36	0·0	Tr
Rineanna	100	10	80	c	93·4	-30	35	28	5	-	-	8	8	30	-	-		c	c	37	0·0	Tr
Valentia	060	16	64	4r	90·4	-22	35	32	5	-	-	8	8	19	-	-		c	c	37	0·0	Tr
Midleton	050	11	78	c	86·4	-18	38	33	5	1	-	8	8	57	3	37		r	r	39	0·0	2
	100	20	58	r_0r_0	86·4	-35	38	36	7	2	-	8	8	30	7	11		r	r	41	0·0	2
																				40	0·0	9

OBSERVATIONS during DAY

Max. Temp. 09h.-21h. °F: 34, 34, 36, 36, 32, 29, 36, 32, 30, 37, 33, 30, 33, 35, 31, 33, 33, 30, 33

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Thursday 13th January

1955

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

Statute Miles 0 1 2 3 4 5 6

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ⊕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ◍ Sky 6/8 covered ◉ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

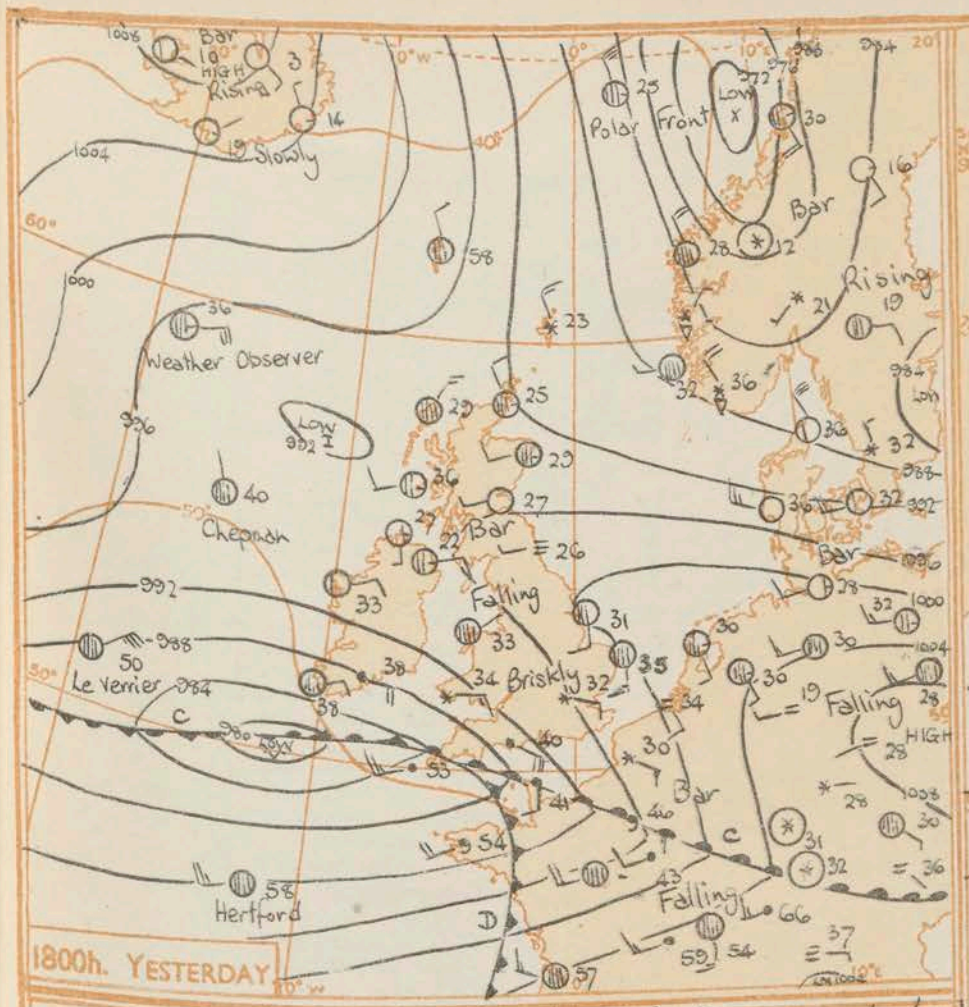
WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder ≡ Fog = Mist

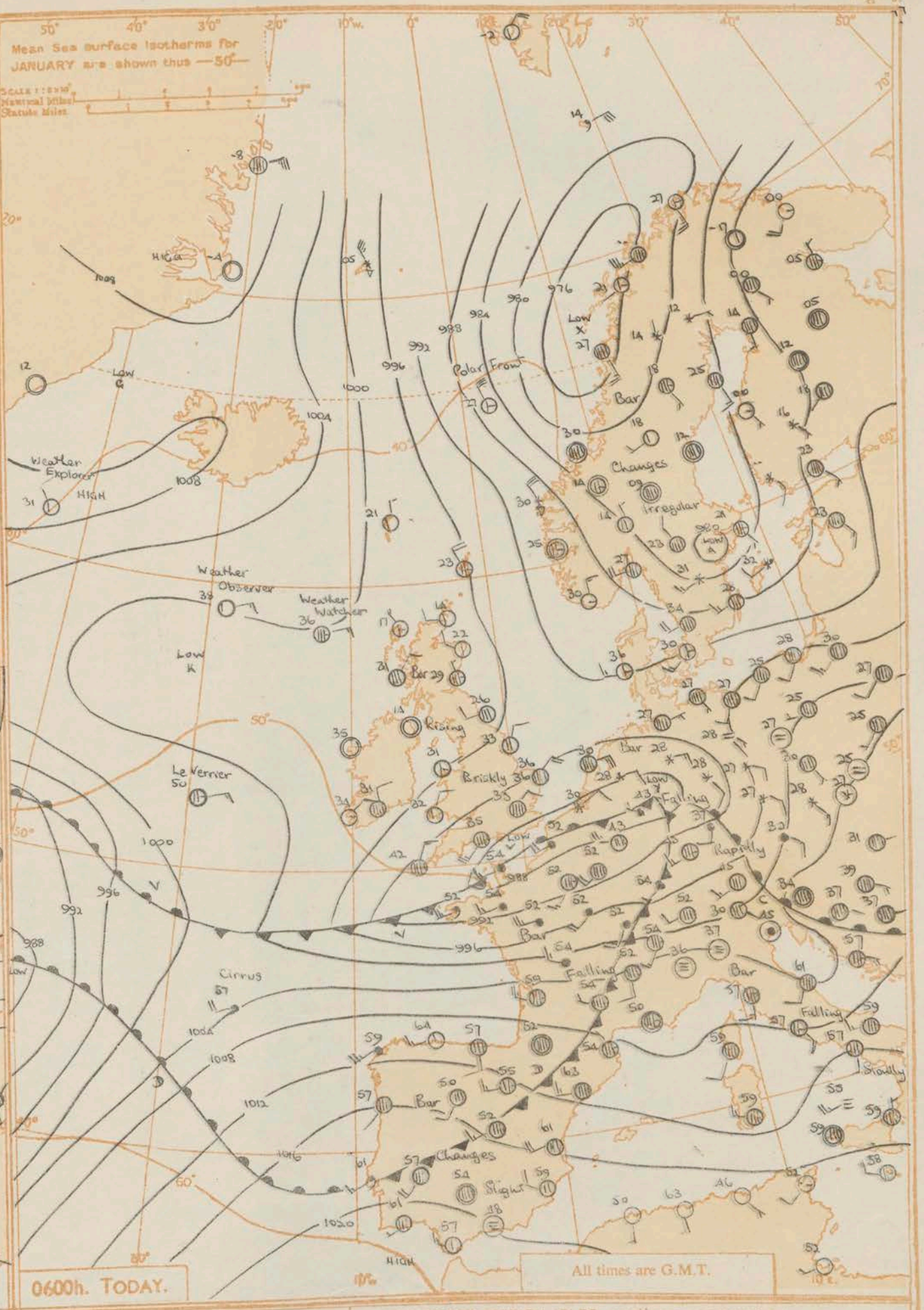
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

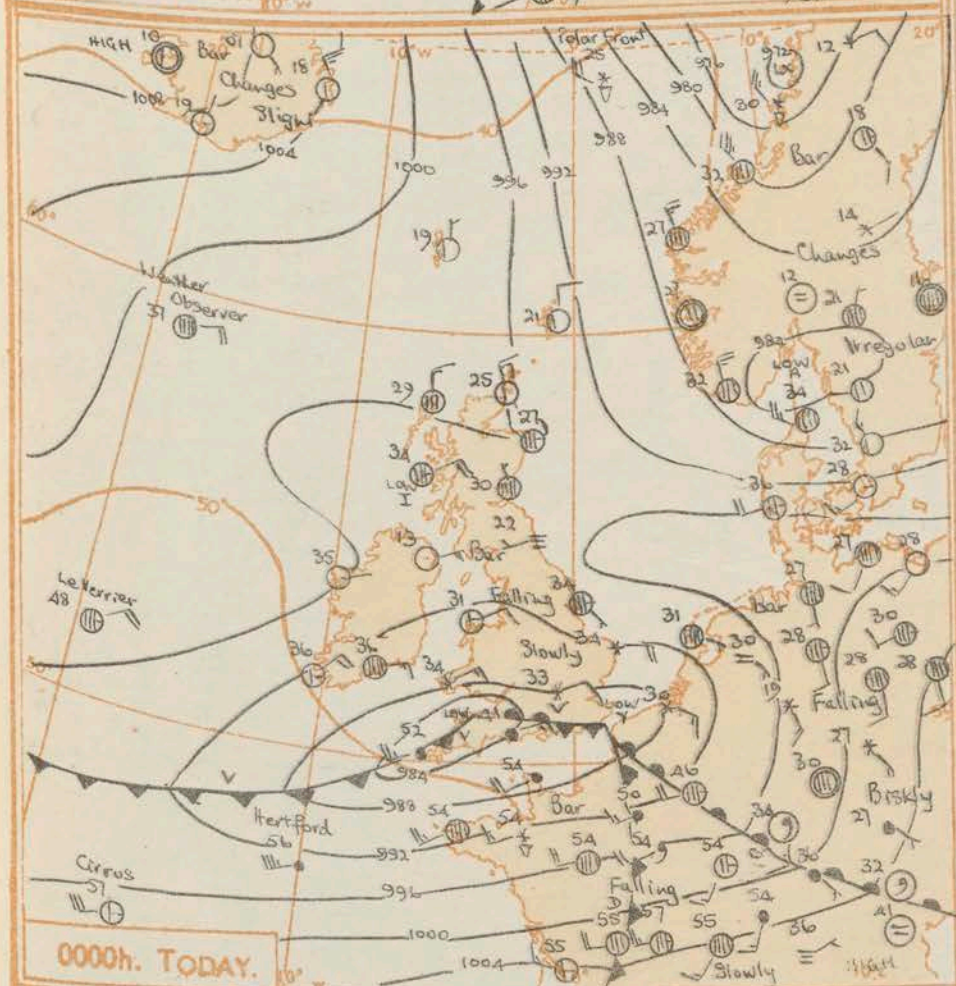
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

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.







GENERAL SYNOPTIC DEVELOPMENT :-

A deep depression extended quickly along the English Channel yesterday and is now centred over Germany and the low Countries and moving eastward. A ridge developing behind it will cross the British Isles while another depression row north of the Azores is expected to turn eastward crossing Southern districts of the British Isles tomorrow.

Issued at Mid-day to-day Friday 14th January. 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Today there will be bright periods in most areas but snow showers will occur in Scotland and Northern Ireland and along the east coast of England, possibly also in parts of Wales and Northwest England. Tonight fog patches will occur especially near large towns and keen or hard frost is expected. Tomorrow snow will spread in from the west to many parts of England and Wales but this will turn to rain along the South coast. It will continue very cold with temperatures barely reaching the freezing point except in coastal areas.

OUTLOOK FOR the next 24 hours :-

Probably continuing very cold with further snow fall at times over most of the British Isles. Probably milder temporarily in the South.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 14th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	Form: † Medium	Form: † High	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*
London Airport	82	050	08	20	SoSo	88·1	-23	33	31	-	2	-	8	8	08	-	-
Tangmere	53	030	12	32	rr	86·3	-21	34	33	-	2	-	8	8	08	-	-
Bournemouth (Hurn	34	110	06	56	ff	86·0	-03	34	33	-	2	-	8	8	05	-	-
Boscombe Down	414	090	14	28	rs	87·6	-12	32	32	6	-	-	8	8	06	4	03
Felixstowe ...	10	110	23	40	rSo	89·9	-06	35	33	7	-	-	8	8	13	-	-
Gorleston ...	5	090	20	32	SoSo	92·6	-31	34	31	-	2	-	8	8	25	-	-
West Raynham	250	050	11	07	SoSo	92·4	-30	30	29	-	-	-	9	-	-	-	-
Mildenhall ...	15	080	09	09	SoSo	91·1	-26	32	30	-	-	-	9	-	-	-	-
Cranfield ...	340	060	15	08	ss	89·5	-21	30	30	6	-	-	8	8	07	-	-
Elmdon ...	324	060	17	28	SoSo	90·4	-13	29	28	6	-	-	8	8	07	-	-
Cottesmore ...	440	060	16	32	SoSo	92·9	-27	29	29	-	2	-	8	8	03	-	-
Watnall ...	366	040	10	26	SoSo	93·0	-16	28	27	-	2	-	8	8	08	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	070	09	20	SoSo	91·4	-06	28	26	7	2	-	8	8	37	4	07
Bristol	192	060	10	12	ss	87·7	-12	31	31	6	-	-	8	8	05	-	-
Plymouth ...	90	250	32	48	dd	83·5	-10	53	50	6	2	-	8	8	10	6	07
Chivenor ...	20	120	11	48	RR	83·6	-16	36	36	-	2	-	8	8	05	-	-
St. Eval... ...	336	230	27	13	id	82·9	-03	51	51	6	-	-	8	8	02	-	-
Culdrose ...	260	240	32	20	id	84·5	-04	52	52	7	2	-	8	8	08	5	04
Scilly, St. Mary's	158	240	23	58	if	82·9	+04	52	51	6	-	-	8	8	06	-	-
Guernsey ...	340	230	26	48	c	89·0	+02	52	51	5	-	-	7	7	26	5	19
Aberporth ...	375	050	17	28	SoSo	87·8	-04	32	30	6	-	-	8	8	07	-	-
Pembroke Dock	34	080	14	16	SoSo	86·0	-00	34	33	6	-	-	8	8	07	-	-
Holyhead (Valley)	32	050	10	46	bc	90·5	-10	31	29	-	7	-	3	-	-	3	58
Manchester ...	248	050	09	19	c/s	92·6	-11	29	25	5	7	-	8	6	50	-	-
Squires Gate ...	33	080	08	28	bc	93·4	-09	28	21	5	-	-	5	5	25	-	-
Silloth	25	050	03	37	b	95·2	-02	20	17	-	-	-	0	-	-	-	-
Lindholme ...	21	020	05	28	c	93·7	-18	28	27	5	-	-	8	8	50	-	-
Spurn Head ...	29	160	05	58	c	95·2	-17	34	31	2	-	-	7	7	20	-	-
Dishforth ...	105	340	08	17	c	95·2	-10	22	17	5	2	2	8	8	60	-	-
Tynemouth ...	108	250	07	F5	bf	95·9	-10	22	17	-	-	-	0	-	-	-	-
Leuchars ...	36	350	03	60	c	95·0	+03	30	26	5	7	-	8	6	32	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	100	02	40	b	94·9	+00	23	19	-	3	-	1	-	-	1	59
West Freugh ...	50	-	0	62	b	94·6	+01	20	20	-	-	-	0	-	-	-	-
Ronaldsway ...	55	050	11	58	bc	93·5	-04	30	23	-	-	8	3	-	-	3	75
Tiree	29	050	18	66	c	94·5	+13	34	29	8	-	-	7	7	24	3	20
Benbecula ...	18	030	18	74	b	96·0	+13	27	25	5	-	-	2	2	35	-	-
Stornoway ...	10	360	13	62	c/s	97·1	+13	29	25	8	-	-	6	6	45	2	20
Cape Wrath ...	367	-	0	83	bc	96·6	+11	26	14	9	-	-	4	4	25	-	-
Sule Skerry ...	43	340	09	82	bc	96·2	+12	30	10	8	-	-	5	5	10	-	-
Renfrew ...	28	-	0	06	bf	95·0	+01	24	23	-	-	-	0	-	-	-	-
Dyce	185	300	09	66	c/s	95·4	+10	27	25	-	7	8	7	-	-	3	58
Wick	119	350	15	74	ks	95·8	+14	25	19	6	-	-	2	2	10	-	-
Lerwick ...	269	360	12	74	b	93·7	+11	21	16	2	-	-	1	1	16	-	-
Blacksod Point	18	060	12	80	b	96·0	+07	35	29	8	-	-	1	1	15	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	060	04	63	b	94·9	-01	13	09	5	-	-	1	1	18	-	-
Castle Archdale	225	-	0	66	b	95·5	+05	22	20	-	-	-	0	-	-	-	-
Birr Castle ...	231	010	03	74	b	93·2	+13	25	23	5	-	-	1	1	50	-	-
Collinstown ...	226	050	15	70	bc	92·6	+05	34	25	5	-	-	5	5	30	-	-
Rineanna ...	10	030	13	66	b	93·6	-26	30	27	5	-	-	2	2	56	-	-
Valentia ...	30	040	20	78	bc	91·8	+32	36	30	2	-	-	3	3	23	-	-
Midleton ...	30	070	15	80	c/c	90·3	+28	36	32	6	-	-	8	8	18	-	-

OBSERVATIONS at 06h. G.M.T. 14th January 1955

Stations	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	Form: † Medium	Form: † High	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: † Ht.	06h. † State of ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	050	13	80	c/s	90·1	+19	33	31	5	-	-	7	7	25	-	-	7
London Airport	040	12	48	c/s	90·1	+23	33	32	7	2	-	8	8	10	4	05	7
Tangmere	030	18	48	r	87·9	+18	34	32	7	2	-	8	8	31	5	08	5
Bournemouth (Hurn	080	13	58	c/r	89·0	+34	34	32	5	-	-	8	8	11	2	08	5
Boscombe Down	050	08	56	c	90·7	+31	31	31	6	-	-	8	8	12	4	07	7
Felixstowe ...	040	14	24	rSo	89·2	+05	34	33	7	-	-	8	8	13	-	-	6
Gorleston ...	030	20	60	c	91·2	+03	36	27	-	2	-	8	8	25	-	-	6
West Raynham	030	06	56	c	92·4	+07	30	25	5	-	-	7	7	30	-	-	7
Mildenhall ...	070	13	56	o	92·0	+14	33	29	6	-	-	8	8	08	-	-	7
Cranfield ...	030	16	48	c	92·5	+31	31	29	6	-	-	8	8	08	-	-	8
Elmdon ...	030	08	48	c	93·4	+23	31	27	6	-	-	8	8	38	4	10	7
Cottesmore ...	360	09	57	c	93·9	+11	30	29	5	-	-	8	8	13	-	-	6
Watnall ...	360	10	37	c	94·6	+14	28	24	5	-	-	8	8	35	-	-	7
Ross-on-Wye ...	060	12	60	c	92·9	+27	32	29	6	-	-	8	8	10	-	-	7
Shawbury ...	010	07	58	c	94·7	+18	30	26	5	7	-	7	5	38	1	25	7
Bristol	030	14	48	c	91·9	+30	31	31	6	-	-	6	6	15	-	-	7
Plymouth ...	070	07	59	id	89·4	+54	39	37	6	7	-	8	6	10	-	-	2
Chivenor ...	040	09	48	c	92·8	+59	34	31	5	-	-	8	8	26	2	08	5
St. Eval... ...	020	16	57	c	91·3	+49	36	34	6	-	-	7	7	20	4	06	2
Culdrose ...	010	18	58	c	91·4	+45	39	37	6	2	-	8	6	10	-	-	1
Scilly, St. Mary's	010	13	58	c	91·3	+42	42	38	5	-	-	8	8	10	-	-	2
Guernsey ...	260	22	08	dd	87·8	+03	52	52	6	-	-	8	8	01	-	-	2
Aberporth ...	030	15	58	c	94·3	+37	32	28	6	-	-	8	8	17	-	-	7
Pembroke Dock	020	12	58	b	93·7	+43	32	28	-	-	1	2	-	-	2	75	6
Holyhead (Valley)	050	01	57	bc	95·4	+32	31	28	5	-	1	3	2	25	-	-	3
Manchester ...	010	04	19	bc	94·8	+18	28	24	5	-	-	3	3	47	-	-	8
Squires Gate ...	040	02	32	b	95·5	+17	24	20	-	-	-	0	-	-	-	-	5
Silloth	-	0	59	b	97·4	+18	18	15	-	-	-	0	-	-	-	-	3
Lindholme ...	340	10	23	bc	94·7	+13	23	18	5	-	-	3	3	47	-	-	5
Spurn Head ...	020	12	63	bc	93·9	00	33	29	2	-	-	4	4	26	-	-	3
Dishforth ...	320	07	28	b	96·2	+12	17	12	-	-	-	0	-	-	-	-	5
Tynemouth ...	250	03	60	c	96·3	+01	26	22	5	-	-	6	6	30	-	-	8
Leuchars ...	350	03	74	c	97·5	+13	29	23	5	3	-	7	5	50	-	-	7
Eskdalemuir ...	-	0	66	c	97·2	+03	20	14	5	-	-	7	7	25	-	-	7
Prestwick ...	-	0	62	c	96·6	+13	28	23	5	-	-	8	8	33	-	-	6
West Freugh ...	-	0	62	c	97·1	+14	19	17	-	3	-	7	-	-	7	38	8
Ronaldsway ...	010	10	62	b	96·5	+19	27	19	-	-	-	0	-	-	-	-	6
Tiree	030	11	82	c	98·6	+27	31	23	2	3	-	6	2	20	-	-	6
Benbecula ...	020	08	80	b	00·0	+19	19	16	-	3	-	1	-	-	1	80	9
Stornoway ...	310	07	62	bc	00·1	+15	17	14	3	-	-	3	3	18	-	-	7
Cape Wrath ...	050	05	83	b	98·7	+09	28	17	3	-	-	2	2	30	-	-	9
Sule Skerry ...	360	09	82	c	97·8	+11	29	29	3	-	-	8	8	10	-	-	7
Renfrew ...	-	0	07	Sh	97·0	+17	28	24	5	-	-	8	8	17	-	-	6
Dyce	300	11	89	b	97·9	+16	22	16	5	-	-	2	2	56	-	-	9
Wick	270	08	74	b	98·2	+13	14	09	4	-	-	2	2	15	-	-	7
Lerwick ...	330	18	66	bc/ps	95·2	+00	23	21	4	-	3	5	5	14	-	-	9
Blacksod Point	-	0	70	b	99·8	+13	35	31	-	-	-	0	-	-	-	-	5
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5
Aldergrove ...	-	0	66	b	97·9	+19	14	11	-	-	-	0	-	-	-	-	8
Castle Archdale	-	0	66	b	99·3	+20	18	16	-	-	-	0	-	-	-	-	8
Birr Castle ...	-	0	82	b	99·4	+35	21	20	-	-	-	0	-	-	-	-	3
Collinstown ...	340	05	66	b	97·9	+32	30	25	-	-	-	0	-	-	-	-	1
Rineanna ...	350	10	66	b	99·7	+25	24	23	-	-	-	0	-	-	-	-	3
Valentia ...	040	11	80	b	99·7	+38	34	21	-	-	2	1	-	-	1	75	0
Midleton ...	350	12	86	c	97·6	+33	31	27	-	7	7	8	-	-	1	64	3

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	oss f	cs o c 2 o	32	30	6
London Airport	o s o s o m	o s s m . s o s	32	32	2
Tangmere	o r r	c r r c m o	33	32	17
Bournemouth (Hurn	o r r m o	o r r m c m o	33	31	14
Boscombe Down	o s s m o r s o m o	o r s o m . c m .	30	29	15
Felixstowe ...	c m . s o s . r r f c	c s o r o c m o	33	28	5
Gorleston ...	o s o s . m o p r s o	o p s o o m o c	32	30	1
West Raynham	o s s s s o f f c m	c m . c	29	18	1
Mildenhall ...	c l s o m . s s f	o s s m o b m c	26	16	2
Cranfield ...	o s s f	o s s o c m o	29	27	3
Elmdon ...	o s o s o m .	o k s o m c m .	24	17	0·5
Cottesmore ...	o s o s o m	o s o s o m c m o	26	20	1
Watnall ...	c s . s o m o	c b o m . b m	25	19	1
Ross-on-Wye ...	s o o s	s o b c	27	**	4
Shawbury ...	c s o s o m . c m .	c m o b m . b m	22	19	0·2
Bristol	o s s	c	30	30	5
Plymouth ...	c r r d . d o	c m o i d o c m .	35	31	4
Chivenor ...	c r r m o c	c m .	34	33	21
St. Eval... ...	c c f c o d o g .	c m o c	34	33	2
Culdrose ...	m r r d o m r m o	o b	34	32	2 3
Scilly, St. Mary's	o i r . o	o	41	*	1
Guernsey ...	c r r o i f b	c i r . q . f d . f	42	41	3
Aberporth ...	c s o s o m b m o .	c m o b	36	20	1
Pembroke Dock	o r o . s o s o m o .	b c m o x	31	26	2
Holyhead (Valley)	o b c b	b b m . o b m	27	17	-
Manchester ...	c c z o . s o c	c b f	22	18	TR
Squires Gate ...	c z o b c m o .	b m .	20	16	-
Silloth	b m o x	b m o x c i s o h	16	11	TR
Lindholme ...	c m o .	c m o b m	20	15	-
Spurn Head ...	c b c	b c	31	*	-
Dishforth ...	c m b z o b	b z o c z o	15	13	-
Tynemouth ...	b f f . b m o .	c c p s	20	13	0·4
Leuchars ...	c i s o m o .	c	26	22	TR
Eskdalemuir ...	b c	c c s s m o .	09	04	0·2
Prestwick ...	b m o x	c m o x c s h o .	22	18	TR
West Freugh ...	b	b c p s o	18	14	TR
Ronaldsway ...	c b	b	23	16	-
Tiree	b m o x	b m o x c i s o h	16	11	TR
Benbecula ...	b f . s o	c j p b c	29	24	2
Stornoway ...	b x	b c	17	09	-
Cape Wrath ...	b b c c p s o	b c p s o c b	16	11	0·6
Sule Skerry ...		b c	21		-
Renfrew ...		*	29	22	1
Dyce	b c f f	c f f s o s o m o .	22	19	0·2
Wick	c s o b c	b c o p s f b c	18	15	0·1
Lerwick ...	b c k s m o b	b o p s f	12	04	0·5
Blacksod Point	b c c p s o	c p s o b k s	18	15	0·3
Malin Head ...	b	b	30	15	-
Aldergrove ...		*	23	*	TR
Castle Archdale	b x	b c	11	09	-
Birr Castle ...	b x	b x	18	09	-
Collinstown ...	b	b	20	13	TR
Rineanna ...	c	c	24	21	-
Valentia ...	b	b	22	17	-
Midleton ...	b c	b	31	24	-
	r	b c	29	32	0·4

00h Ships' Reports

Ship	Lat. N, ° ,	Long. W, ° ,	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Form: † Med.	Form: † High	Amount: Low	Amount: Total	Height of waves ft.
LEVERRIER	51°54'	19°36'	988	+32	040	18	c	c	48	51	36	98	5	-	-	7	7	25½
POLAR FRONT	65°54'	02°0'E	984	-06	300	30	ps	p	25	44	21	98	9	-	-	7	7	9½
WEATHER OBSERVER	54°0'	19°24'	998	+13	080	22	c/ps	p	37	47	21	97	3	-	-	8	8	13
CIRRUS	45°0'	15°48'	1002	+18	250	30	bc	bc	57	55	54	60	5	-	-	3	3	19
U.S. SHIP "A"	61°30'	32°42'	1008	+08	340	15	bc	p	31	41	19	97	3	-	-	3	3	6½
U.S. SHIP "C"	52°54'	33°6'	998	+03	070	27	pr	c	45	55	25	98	2	-	-	7	7	-
U.S. SHIP "D"	44°0'	41°0'	988	+10	270	11	ps	c	52	56	50	63	5	-	-	8	8	6½
ELYSIA	47°12'	36°24'	986	+17	180	13	bc	b	58	60	52	99	5	4	-	2	3	5
HERTFORD	47°30'	10°0'	992	-04	240	34	ir	r	56	58	54	97	-	-	-	8	8	9½
MARTAND	41°36'	34°12'	986	+00	030	25	dd	p	67	62	61	98	7	2	-	8	8	9

06h Ships' Reports

Ship	Lat. N, ° ,	Long. W, ° ,	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Form: † Med.	Form: † High	Amount: Low	Amount: Total	Height of waves ft.
LEVERRIER	52°12'	19°18'	1001	+09	070	16	bc	r	50	52	34	97	5	-	-	5	5	8
WEATHER OBSERVER	59°6'	19°0'	1001	+14	070	16	b	bc	38	47	30	99	2	3	-	2	2	8
CIRRUS	45°0'	16°0'	1004	+04	240	18	c/s	p	57	56	54	50	6	-	-	8	8	1½
POLAR FRONT	65°48'	02°0E	985	+08	320	32	bc	p	27	45	19	99	9	6	-	2	3	11
WEATHER EXPLORER	61°42'	32°48'	1008	-02	310	11	b	b	31	40	18	98	4	-	-	2	2	6½
U.S. SHIP "C"	53°6'	33°36'	996	-10	060	28	c	p	45	47	37	96	8	-	-	7	7	11
U.S. SHIP "D"	44°0'	41°0'	989	+14	270	17	b	p	53	57	45	65	2	-	-	2	2	6½
WEATHER WATCHER	58°18'	11°42'	1000	+19	070	17	c	bc	36	49	26	98	8	-	-	2	7	8
ELYSIA	47°42'	34°24'	986	+02	180	05	c	bc	61	62	52	99	4	8	-	2	8	1½
VELLETIA	44°6'	03°54'	989	-08	270	13	ic/s	d	53	54	51	96	7	-	-	8	8	6½

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*Information not usually received.

† Code figure (see Introduction)

No. 34022

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue... Saturday 15th January 1955

OBSERVATIONS at 12h. G.M.T. 14th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer Ht. † (16)
Kew	350	08	56	b	00·3	+1·7	34	16	–	–	–	0	–	–	–	–
London Airport	340	07	36	b	01·1	+1·3	32	27	–	–	–	0	–	–	–	–
Tangmere	020	15	50	b	99·7	+0·0	34	29	–	–	2	2	–	–	2	75
Bournemouth (Hurn	010	11	62	b	01·7	+1·8	35	29	–	–	1	2	–	–	2	70
Boscombe Down	–	0	55	b	02·4	+1·4	31	29	–	–	–	0	–	–	–	–
Felixstowe	360	09	59	b	98·8	+1·1	34	25	–	–	2	2	–	–	2	70
Gorleston	030	11	64	bc	99·9	+0·7	37	25	2	–	–	3	3	21	–	–
West Raynham	340	07	48	b	99·7	+1·3	34	28	–	–	–	0	–	–	–	–
Mildenhall	350	08	40	b	99·9	+1·3	31	28	–	–	–	0	–	–	–	–
Cranfield	340	06	48	b	01·0	+1·1	30	22	–	–	–	0	–	–	–	–
Elmdon	340	04	26	b	02·2	+1·6	30	21	–	–	–	0	–	–	–	–
Cottesmore	330	10	32	b	01·9	+1·1	28	17	–	–	–	0	–	–	–	–
Watnall	300	06	11	b	01·9	+1·7	32	20	–	–	–	0	–	–	–	–
Ross-on-Wye	–	0	48	b	02·5	+1·5	33	25	–	–	–	0	–	–	–	–
Shawbury	300	10	19	b	04·2	+1·2	30	28	–	–	–	0	–	–	–	–
Bristol	320	08	48	b	02·5	+1·5	31	30	–	–	–	0	–	–	–	–
Plymouth	090	14	58	b	02·5	+1·7	39	29	–	–	–	0	–	–	–	–
Chivenor	070	05	63	b	04·0	+1·8	37	30	5	–	–	2	2	18	–	–
St. Eval	040	10	66	b	03·2	+1·7	36	31	5	–	–	1	1	20	–	–
Culdrose	060	11	58	bc	02·7	+1·5	38	34	5	–	–	6	5	25	–	–
Scilly, St. Mary's	020	08	61	c	02·5	+1·5	42	35	5	–	–	8	8	10	–	–
Guernsey	020	16	60	c	00·1	+1·6	40	36	6	–	–	8	7	15	4	08
Aberporth	–	0	58	b	03·8	+1·7	39	19	1	–	–	8	7	15	4	08
Pembroke Dock	030	08	60	b	04·3	+1·6	34	28	–	–	–	0	–	–	–	–
Holyhead (Valley)	–	0	23	b	03·3	+1·1	38	30	–	–	–	0	–	–	–	–
Manchester	–	0	09	bf	02·3	+1·9	29	23	–	–	–	0	–	–	–	–
Squires Gate	–	0	21	b	03·0	+1·9	33	28	–	–	–	0	–	–	–	–
Silloth	–	0	17	SSo	03·1	+1·5	28	23	5	–	–	7	7	30	–	–
Lindholme	340	13	48	b	01·0	+1·2	33	26	5	4	–	2	2	45	–	–
Spurn Head	320	16	48	bc	99·3	+1·3	33	27	2	–	8	4	4	25	–	–
Dishforth	310	10	57	b	01·8	+1·4	31	25	3	–	–	2	2	30	–	–
Tynemouth	320	07	45	c	01·4	+1·3	32	29	5	–	–	6	6	30	–	–
Leuchars	260	04	14	bc	02·6	+1·2	26	20	8	3	–	8	2	56	1	20
Eskdalemuir	–	0	60	SSo	02·7	+1·4	26	24	6	–	–	8	8	12	–	–
Prestwick	070	11	56	bc	02·5	+1·3	31	24	5	–	1	4	3	30	–	–
West Freugh	280	03	58	c/ps	01·7	+1·0	34	20	8	6	2	7	6	30	2	12
Ronaldsway	240	09	74	c	03·0	+1·4	38	19	5	–	–	7	7	40	4	25
Tiree	070	10	89	bc	03·7	+1·2	31	17	1	7	1	4	1	25	–	–
Benbecula	050	02	80	b	04·2	+1·9	28	24	2	–	–	1	1	28	–	–
Stornoway	330	12	58	pSo	03·7	+1·4	27	22	3	–	–	3	3	20	–	–
Cape Wrath	360	13	83	bc	01·9	+1·3	30	20	3	–	–	4	4	30	–	–
Sule Skerry	360	09	82	c	99·9	+0·6	31	25	8	–	–	7	7	10	–	–
Renfrew	330	06	17	c	03·2	+1·5	30	23	5	–	–	7	6	30	3	20
Dyce	310	14	82	b	01·9	+1·3	25	18	2	–	–	1	1	20	–	–
Wick	280	08	32	ps	01·7	+1·8	24	16	3	–	–	7	7	05	–	–
Lerwick	320	22	00	ps	97·6	+1·3	23	21	–	–	–	9	–	–	–	–
Blacksod Point	210	09	80	c	04·0	+1·7	42	33	8	–	–	7	7	49	4	29
Malin Head	020	09	83	c	03·8	+1·9	35	32	9	–	–	7	7	21	–	–
Aldergrove	190	08	58	c	03·2	+1·5	28	27	5	–	–	7	5	23	3	14
Castle Archdale	150	02	80	bc	04·2	+2·0	29	25	5	–	–	4	4	35	–	–
Birr Castle	220	02	66	b	06·0	+3·0	29	25	5	–	–	1	1	46	–	–
Collinstown	270	07	50	b	04·9	+2·7	32	30	5	–	–	1	1	50	–	–
Rineanna	160	04	69	b	96·8	+3·0	34	29	–	3	–	1	–	–	1	58
Valentia	070	04	87	bc	06·6	+2·4	36	26	5	–	5	3	1	49	–	–
Midleton	020	03	59	b	05·9	+2·3	34	27	–	–	–	0	–	–	–	–

STATIONS (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	270	03	65	bf	09·0	+4·4	30	25	–	–	–	0	–	–	–	–	7
London Airport	270	02	28	b	08·7	+3·5	23	21	–	–	1	1	–	–	1	75	7
Tangmere	310	02	26	b	09·1	+4·0	30	××	–	–	5	2	–	–	2	75	5
Bournemouth (Hurn	–	0	20	bc	09·6	+4·6	29	27	–	–	1	5	–	–	5	70	5
Boscombe Down	–	0	19	bc	09·8	+3·5	25	21	–	–	1	3	–	–	3	72	7
Felixstowe	320	08	40	b	07·6	+3·9	33	26	–	–	–	0	–	–	–	–	6
Gorleston	290	07	40	b	06·6	+3·7	34	31	–	–	–	0	–	–	–	–	6
West Raynham	280	05	48	b	07·1	+3·7	29	26	5	–	–	1	1	40	–	–	6
Mildenhall	290	06	19	b	07·8	+3·1	25	22	–	–	–	0	–	–	–	–	7
Cranfield	–	0	20	b	08·5	+3·2	22	17	–	–	–	0	–	–	–	–	7
Elmdon	–	0	04	b	09·3	+3·7	24	20	–	–	–	0	–	–	–	–	6
Cottesmore	260	07	19	b	09·0	+3·6	28	22	–	–	–	0	–	–	–	–	6
Watnall	300	09	09	bf	08·9	+3·6	28	22	–	–	–	0	–	–	–	–	7
Ross-on-Wye	230	03	02	bf	05·5	+3·0	23	18	–	–	–	1	–	–	–	–	7
Shawbury	–	0	50	b	09·1	+3·7	21	17	–	–	2	2	–	–	2	72	7
Bristol	–	0	13	bc	09·3	+2·9	22	20	–	–	6	4	–	–	4	77	7
Plymouth	100	06	24	b	09·9	+3·1	35	30	–	3	–	2	–	–	2	60	1
Chivenor	120	02	32	bc	10·3	+3·0	32	29	–	–	8	3	–	–	3	70	5
St. Eval	100	04	61	c	09·7	+2·9	35	30	–	7	7	8	–	–	4	62	1
Culdrose	070	02	1560	c	09·7	+2·8	36	33	–	7	–	8	–	–	8	60	1
Scilly, St. Mary's	100	03	64	c	07·7	+2·0	39	35	5	–	–	7	7	10	–	–	1
Guernsey	080	06	57	c	09·8	+4·1	38	31	5	3	4	6	5	26	–	–	2
Aberporth	180	10	62	c	08·8	+2·6	31	24	6	3	6	6	1	10	–	–	6
Pembroke Dock	–	0	57	bc	09·4	+2·5	33	29	–	7	2	3	–	–	2	60	5
Holyhead (Valley)	220	03	66	c	07·6	+2·0	39	28	5	–	–	1	1	40	–	–	3
Manchester	180	08	14	bc	07·9	+2·6	28	22	–	3	–	3	–	–	3	62	8
Squires Gate	230	14	57	c	07·0	+1·8	39	30	5	–	–	8	8	42	5	28	5
Silloth	–	0	37	bc	07·0	+1·7	28	27	5	3	–	5	2	35	–	–	6
Lindholme	230	04	37	c	07·5	+2·7	32	27	5	–	–	7	1	45	–	–	5
Spurn Head	300	12	30	c	06·4	+4·0	34	31	5	–	–	7	1	20	–	–	3
Dishforth	0	48	c	00·9	+2·1	32	26	5	–	–	6	6	50	2	30	5	
Tynemouth	290	07	32	c	06·7	+2·1	29	25	5	–	–	6	6	30	–	–	8
Leuchars	250	03	62	c	06·4	+1·8	20	13	5	–	–	1	1	45	–	–	7
Eskdalemuir	–	0	82	bc	07·4	+1·7	23	21	5	–	–	3	3	14	–	–	7
Prestwick	010	04	40	c	06·8	+1·7	28	22	5	–	–	6	6	57	2	30	6
West Freugh	–	0	09	SS	06·6	+2·1	31	28	–	–	–	9	–	–	–	–	7
Ronaldsway	300	05	74	b	06·9	+2·1	36	27	5	–	–	1	1	35	–	–	8
Tiree	090	05	89	bc	06·5	+0·1	26	21	5	3	8	5	1	30	–	–	6
Benbecula	180	04	89	bc	06·4	+0·3	21	21	5	–	–	3	3	45	–	–	9
Stornoway	240	09	74	b/ps	06·4	+1·2	19	16	9	–	–	2	2	18	–	–	7
Cape Wrath	270	05	F9	SS	04·6	+2·0	28	28	–	–	–	9	–	–	–	–	9
Sule Skerry	360	09	82	c	03·7	+1·2	32	26	3	–	–	7	7	10	–	–	7
Renfrew	250	04	06	bc/f	01·1	+1·7	22	20	5	3	1	3	2	40	–	–	7
Dyce	280	11	82	b	06·0	+2·3	22	13	–	–	–	0	–	–	–	–	9
Wick	270	10	80	b/ps	04·2	+1·5	20	17	9	–	–	2	2	15	–	–	9
Lerwick	310	16	66	c/ps	00·5	+1·4	25	24	9	–	–	6	6	17	–	–	9
Blacksod Point	210	09	70	c	05·2	+0·7	42	37	6	–	–	6	6	45	2	21	
Malin Head	180	01	21	cS	06·1	+0·8	30	29	7	–	–	7	7	11	–	–	
Aldergrove	180	05	57	c	06·4	+1·4	29	26	6	–	–	7	7	39	3	10	8
Castle Archdale	150	04	80	c	06·0	+1·0	33	28	5	–	–	7	6	35	–	–	8
Birr Castle	180	02	80	c	08·1	+1·1	29	25	5	3	6	7	1	50	–	–	
Collinstown	250	06	56	c	08·1	+1·4	30	25	–	3	6	6	–	–	1	62	
Rineanna	120	07	62	c	08·6	+1·0	31	28	–	7	8	6	–	–	3	64	
Valentia	070	02	66	c	07·8	+0·4	33	27	5	–	7	7	2	56	–	–	
Midleton	–	0	56	c	08·8	+1·7	29	27	–	–	6	7	–	–	7	71	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	cl 2o	b 2o f-	38	5·0	-
London Airport	cm o b m o	b 2o m f m	34	*	-
Tangmere	cm o b m.	b m o cm	36	4·2	-
Bournemouth (Hurn	cb 2 o	b c m o b c m x	36	*	TR
Boscombe Down	b c m o b	b m o b c m	31	5·1	-
Felixstowe	b c 2 o	b 2 o	36	5·1	-
Gorleston	c b c	b e b m o x	39	4·8	-
West Raynham	c b b 2 o	b 2 o m o f f	34	5·8	-
Mildenhall	c m o b 2 o	b m o m .	31	5·3	-
Cranfield	c m o b 2 .	b x m .	32	5·2	-
Elmdon	b 2 o b f	b f	32	4·2	-
Cottesmore	b c m o b 2 o	b 2 b 2 o	33	5·5	-
Watnall	b 2	b 2 f b i n	35	0·0	-
Ross-on-Wye	b c c b b 2 .	b 2 b f .	36	5·1	-
Shawbury	b m o m b m	b m o b c m c f	34	6·1	-
Bristol	b c b	b b c o F e	35	5·7	TR
Plymouth	b c	c m o c m	41	5·7	-
Chivenor	b	b c m o b c m .	40	5·9	-
St. Eval	c b	c b c	38	4·6	-
Culdrose	b b c c	c	39	4·9	-
Scilly, St. Mary's	o	o	42	0·0	-
Guernsey	c i d . c	c b c b	52	0·0	TR
Aberporth	b 2 o b y	b b c c b 2 o	40	6·3	-
Holyhead (Valley)	b m .	b c 2 o b m .	40	6·5	-
Manchester	b m b 2 o b y	b c c	40	5·3	-
Squires Gate	b f b	b b c m c 2 c	33	2·6	-
Silloth	b f m 2 2 o	b c 2 o c	40	6·1	-
Lindholme	c s h o m o x	c m o c i s o m .	30		0·1
Spurn Head	b 2 b c 2 o	c m . m	34	6·5	-
Dishforth	b c m .	b e c m .	36	4·8	-
Tynemouth	c 2 o b 2 o b c c	c c m .	35	3·0	-
Leuchars	c p s m .	c p s m . c m 2 o	34	0·4	1
Eskdalemuir	c b	b	29	3·8	-
Prestwick	o s s m o i s .	o i s o b	27	0·0	1
West Freugh	c m . 2 o b c	b c c 2 o	32	0·9	TR
Ronaldsway	c p s . c	c i s . s . s . f o	35	0·8	3
Tiree	b c y c	c b	36	2·4	-
Benbecula	b c v y	c b c b c	31	2·3	-
Stornoway	b c x b c j p	b c b b f q x	33	3·3	-
Cape Wrath	b c j p	b e p f . S o	30	4·8	1
Sule Skerry	p s b c	o m S S	31	*	13
Renfrew			34	*	3
Dyce	c m o b c 2 o	b c 2 o b c f f	35	0·1	3
Wick	o p s f b	b	26	5·5	0·1
Lerwick	c p s	b e p s	25	2·1	3
Blacksod Point	c p s k s	c p s b c	27	0·0	3
Malin Head	c	c	45	0·8	-
Aldergrove	c m .	c c m . c	37	0·0	0·2
Castle Archdale	b c x b c	c b c x	36	4·2	-
Birr Castle	b	b	34	5·7	TR
Collinstown	b	c	35	6·3	TR
Rineanna	b	c	38	5·7	TR
Valentia	b	c	38	3·4	TR
Midleton	b c	b c	37	2·7	TR

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52°18′	13°12′	1002	+03	110	14	c	c	48	52	41	97	8	4	–	7	7	8
WEATHER OBSERVER	59°6′	19°0′	1004	+1·5	060	16	bc	bc	37	47	29	95	2	–	–	5	5	8
POLAR FRONT	65°48′	02°6′E	986	+0·5	320	40	ph	p	25	46	19	97	9	–	–	7	7	13
CIRRUS	45°0′	16°0′	1005	+1·2	240	17	c	r	57	55	57	50	6	.	–	8	8	5
WEATHER EXPLORER	63°0′	32°0′	1009	+0·3	240	10	c	p	31	40	18	98	8	–	–	7	7	5
US SHIP 'C'	52°54′	34°24′	997	+1·0	070	34	c	c	44	47	37	69	5	–	.	7	7	11
US SHIP 'D'	44°0′	41°0′	994	+3·2	270	21	c	bc	52	57	47	65	2	–	–	6	6	6½
TREGENNA	42°0′	09°36′	1017	+2·0	230	20	c	bc	60	58	56	98	6	7	–	7	7	11
AURCOL	39°42′	11°12′	1020	+0·4	210	15	c/d	d	61	62	61	97	–	–	–	8	8	13
WEATHER WATCHER	58°42′	13°18′	1004	+2·1	100	12	c	c	36	47	26	98	8	6	–	3	6	6½

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	59°12′	19°0′	1006	+0·5	030	09	bc	b	38	47	20	99	1	–	–	3	3	5
LE VERRIER	52°12′	19°18′	997	-2·6	100	22	r/c	r	50	51	46	96	8	2	–	4	8	11
POLAR FRONT	65°64	02°6E	988	+0·6	310	40	ps	p	21	34	18	98	9	–	–	7	7	13
CIRRUS	45°0′	16°6′	1002	-1·1	200	25	c/d	p	57	56	57	30	6	7	–	6	8	11
WEATHER EXPLORER	62°0′	32°48′	1011	+0·6	260	10	c	c	32	41	18	98	5	–	–	7	7	5
US SHIP 'C'	52°54′	34°6′	997	+1·2	070	32	c	c	44	47	36	69	5	–	6	7	7	14
US SHIP 'D'	44°0′	41°0′	996	+1·4	250	16	bc	c	50	57	45	65	1	–	–	3	3	8
WEATHER WATCHER	59°6′	14°36′	1006	+1·2	080	12	b	bc	35	47	21	98	8	–	–	2	2	5
CHEVMAN	54°48′	22°6′	1001	-0·5	350	05	c	c	43	50	36	98	4	2	1	4	6	1
REGENT ROYAL	50°6′	13°24′	1005	-1·5	130	15	rr	c	47	53	43	97	7	–	–	8	8	14

† CLOUD AMOUNT in eighths (9= sky obscured). CLOUD HEIGHT 01-50 in 100s of feet; 56-80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Friday 14th January

1955

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky $\frac{1}{8}$ covered ◐ Sky $\frac{2}{8}$ covered ⊕ Sky $\frac{3}{8}$ covered ◑ Sky $\frac{4}{8}$ covered ◑ Sky $\frac{5}{8}$ covered ◑ Sky $\frac{6}{8}$ covered ● Sky $\frac{7}{8}$ covered ● Sky $\frac{8}{8}$ covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm T Thunder ≡ Fog = Mist

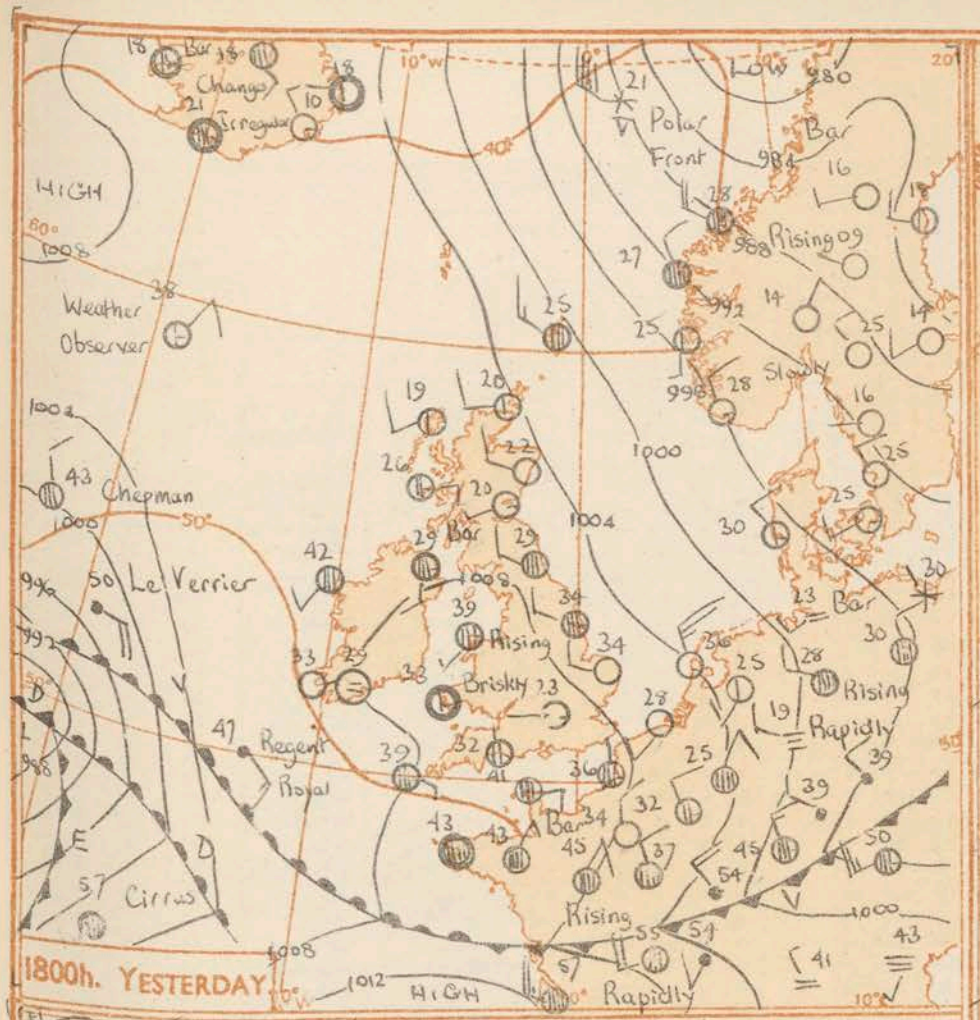
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

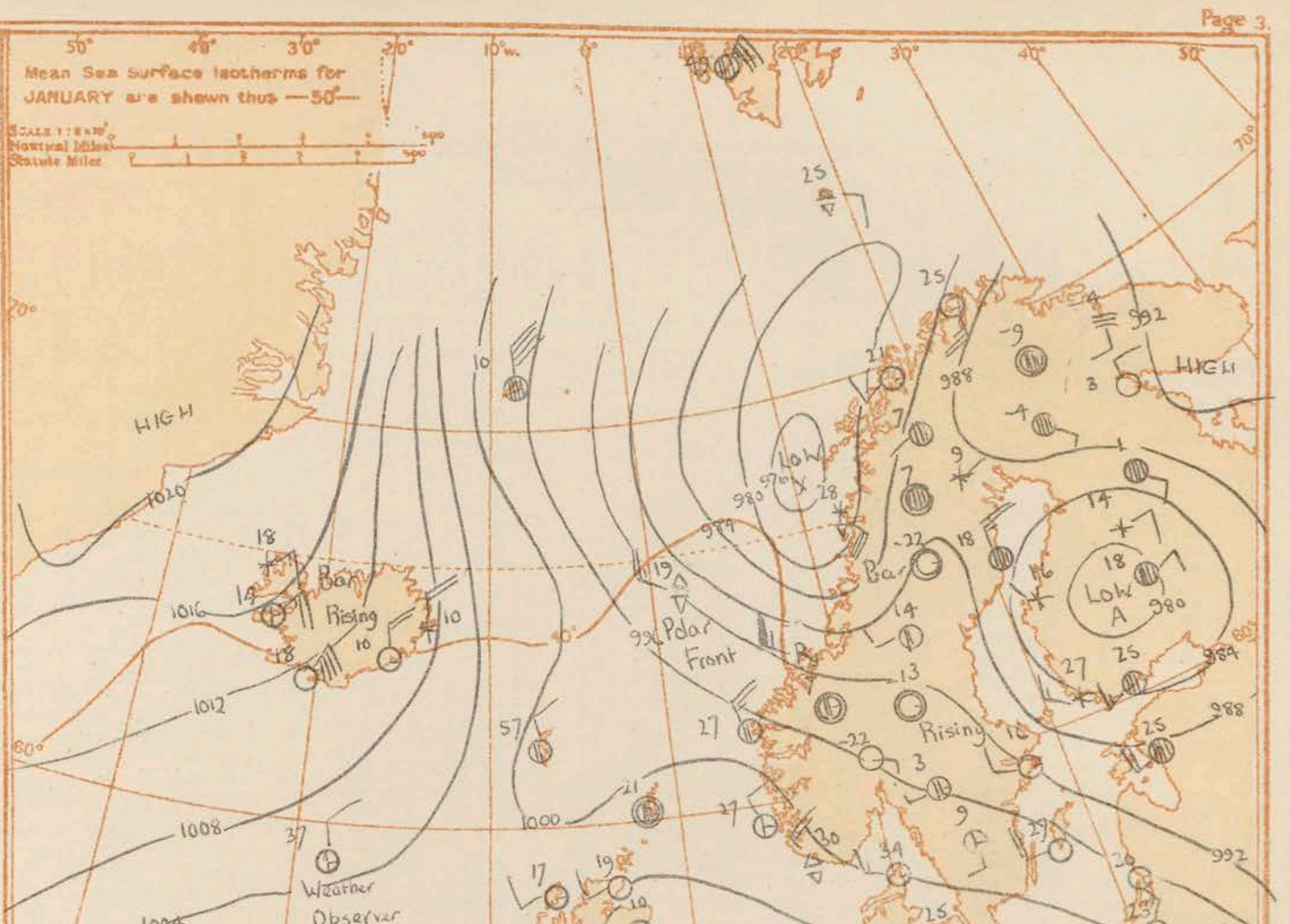
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

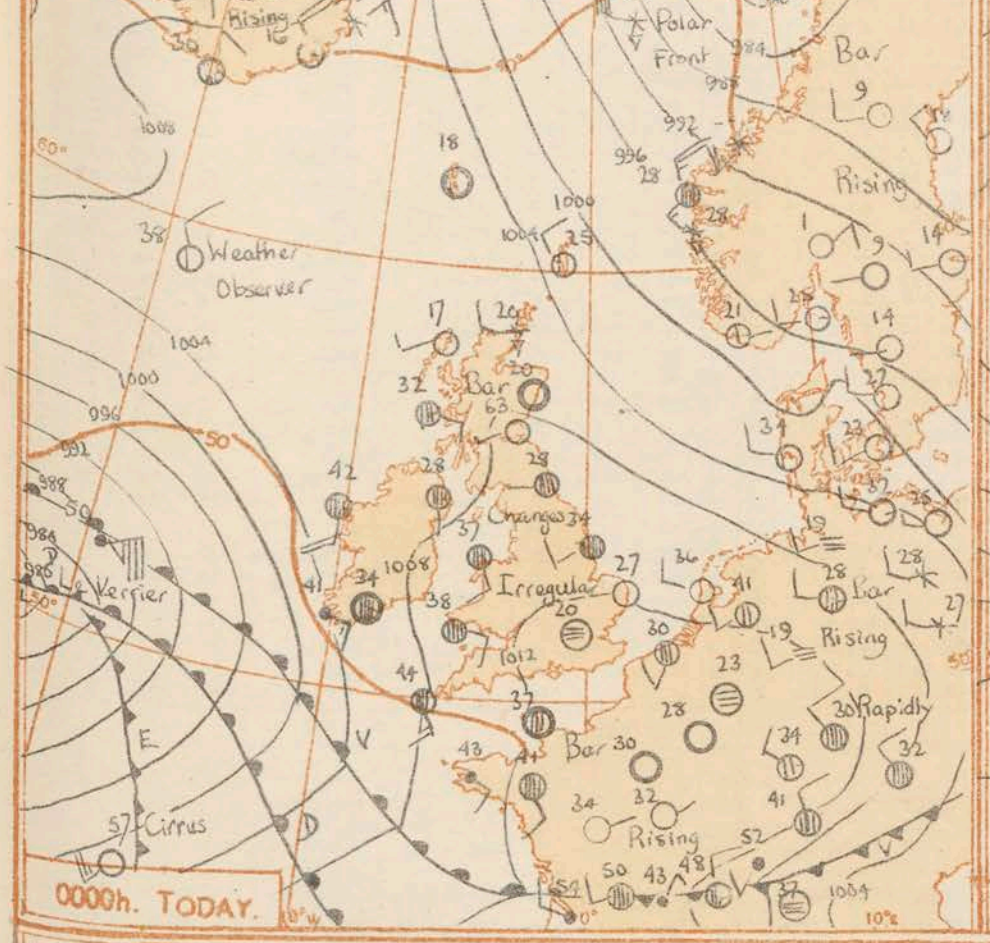
Short strokes across the frontal line indicate Frontolysis.

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.







GENERAL SYNOPTIC DEVELOPMENT:-

A ridge of high pressure developed over the British Isles and is now moving eastward as a depression approaches Ireland from the Atlantic. This depression is expected to cross Northern Ireland and the border country during the night and will be later followed by a developing ridge of high pressure.

Issued at midday... today Saturday 15th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

Rain preceded by Snow will spread today in to Wales, much of England and Northern Ireland. Over the Southern half of Scotland there will be Snow, probably prolonged with deep drifts. In North Scotland there will be Snow Showers with bright intervals. By the morning milder weather with a thaw of lying Snow will have extended to most of England and Wales and there will be bright intervals and some Showers. In Scotland it will continue cold and mainly cloudy, with Snow in places.

OUTLOOK FOR following 24 hours:- ..... A return to colder weather is likely in the South with bright intervals and some Showers. Snow Showers and bright intervals in Scotland.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 15th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form Low † (9)	Cloud: Form Medium † (10)	Cloud: Form High † (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer Amt. 0-8 (13)	Cloud: Main layer Ht. † (14)	Cloud: Lowest layer Amt. 0-8 (15)	Cloud: Lowest layer Ht. † (16)
Kew	18	*	*	*	bft	13·5	+12	27	*	*	*	*	*	*	*	*	*
London Airport	82	-	0	03	bft	13·5	+12	20	17	-	-	-	0	-	-	-	-
Tangmere ...	53	-	0	48	b	13·4	+09	22	21	-	-	-	0	-	-	-	-
Bournemouth (Hurn	34	-	0	20	b	12·8	+06	24	21	-	-	1	1	-	-	1	70
Boscombe Down	414	-	0	20	bc	13·6	+08	23	22	-	-	6	5	-	-	5	72
Felixstowe ...	10	300	08	31	b	12·6	+26	28	21	-	-	-	0	-	-	-	-
Gorleston ...	5	270	05	18	b	12·4	+25	27	26	-	-	-	0	-	-	-	-
West Raynham	250	220	05	08	bf	11·5	+13	23	21	-	-	-	0	-	-	-	-
Mildenhall ...	15	230	05	14	b	12·7	+22	24	20	-	-	-	0	-	-	-	-
Cranfield ...	340	230	05	21	b	13·1	+17	19	16	-	-	-	0	-	-	-	-
Elmdon ...	324	200	03	23	b	11·9	+04	25	20	-	-	-	0	-	-	-	-
Cottesmore ...	440	230	08	23	b	12·2	+12	26	20	-	-	-	0	-	-	-	-
Watnall ...	366	250	07	09	bf-	11·6	+09	26	21	-	-	-	0	-	-	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	090	02	56	bc	11·5	+05	18	15	-	-	1	3	-	-	3	75
Bristol	192	-	0	04	bf-	12·5	+06	13	11	-	-	-	0	-	-	-	-
Plymouth ...	90	100	08	48	c	10·6	-11	35	32	5	-	-	7	7	20	-	-
Chivenor ...	20	120	09	32	c	11·0	-06	32	27	-	-	7	7	-	-	7	70
St. Eval... ...	336	120	13	61	bc	08·9	-13	36	34	-	-	6	5	-	-	4	70
Culdrose ...	260	150	10	81	c	09·9	-10	42	37	-	7	-	8	-	-	2	57
Scilly, St. Mary's	158	150	15	66	0	06·7	-13	44	37	6	-	-	8	8	10	-	-
Guernsey ...	340	140	10	74	b	11·9	+00	39	34	-	-	-	0	-	-	-	-
Aberporth ...	375	150	10	48	c	09·1	-14	31	26	-	-	6	7	-	-	7	70
Pembroke Dock	34	120	07	58	c	09·5	-14	38	36	5	-	-	8	8	17	-	-
Holyhead (Valley)	32	150	10	74	c	08·2	-08	37	30	5	-	-	8	8	33	-	-
Manchester ...	248	180	10	24	c	10·0	+03	30	26	5	7	-	8	5	43	-	-
Squires Gate ...	33	180	08	59	c	08·9	+02	36	30	5	-	-	8	8	48	-	-
Silloth	25	080	01	32	c	08·8	+01	28	27	5	-	-	8	8	30	-	-
Lindholme ...	21	230	08	20	c	10·1	+12	34	25	5	-	-	8	8	47	-	-
Spurn Head ...	29	230	08	32	c	09·1	+03	34	31	5	-	-	8	8	20	-	-
Dishforth ...	105	-	0	37	c	09·4	+02	29	27	5	-	-	8	8	40	3	20
Tynemouth ...	108	270	02	16	c	08·6	+07	28	24	5	-	-	8	8	28	-	-
Leuchars ...	36	250	03	66	b	08·1	+05	17	11	-	-	-	0	-	-	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	100	08	66	ic$_0$	07·7	-02	30	27	5	-	-	8	8	24	6	16
West Freugh ...	50	080	04	58	c	07·1	-05	30	29	5	-	-	7	7	43	-	-
Ronaldsway ...	55	220	13	66	c	07·8	-03	30	28·	5	7	-	8	1	35	-	-
Tiree	29	120	10	83	c	06·4	-06	32	25	5	-	-	7	7	26	-	-
Benbecula ...	18	-	0	83	b	06·7	-04	24	22	5	-	-	2	-	-	2	60
Stornoway ...	10	250	05	80	b	06·8	-02	17	17	-	-	-	0	-	-	-	-
Cape Wrath ...	367	270	02	F9	SS	05·6	+09	28	28	-	-	-	9	-	-	-	-
Sule Skerry ...	43	320	09	80	is	04·6	+04	33	29	6	-	-	8	8	10	-	-
Renfrew ...	28	-	0	05	f	08·4	-07	21	18	-	-	-	9	-	-	-	-
Dyce	185	-	0	89	b	07·5	+06	20	14	-	-	-	0	-	-	-	-
Wick	119	280	10	48	ps$_0$	06·1	+07	20	17	9	-	-	5	5	15	-	-
Lerwick ...	269	320	14	82	b	03·2	+14	25	19	9	-	-	2	2	14	-	-
Blacksod Point	18	180	19	76	o	04·7	-06	42	36	6	-	-	8	8	45	4	21
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	180	08	66	c	07·1	+00	28	23	5	7	-	8	3	45	-	-
Castle Archdale	225	150	05	74	c	06·3	-03	30	27	5	-	2	7	1	30	-	-
Birr Castle ...	231	170	03	70	c	06·9	-13	31	27	5	-	-	8	8	40	-	-
Collinstown ...	226	160	05	61	bc	08·3	-07	33	26	5	3	-	4	2	32	-	-
Rineanna ...	10	110	10	56	c	06·8	-16	33	30	5	7	-	7	3	30	-	-
Valentia ...	30	120	15	61	rr	03·6	-22	41	36	6	-	-	8	8	18	-	-
Midleton ...	30	-	0	66	c	06·3	-16	34	32	5	-	-	8	8	31	-	-

OBSERVATIONS at 06 h. G.M.T. 15th January, 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form Low † (25)	Cloud: Form Medium † (26)	Cloud: Form High † (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer Amt. 0-8 (29)	Cloud: Main layer Ht. † (30)	Cloud: Lowest layer Amt. 0-8 (31)	Cloud: Lowest layer Ht. † (32)	09h. State of ground † (33)
Kew	-	0	20	0	1·5	·25	29	25	6	-	-	8	8	15	-	-	7
London Airport	-	0	06	cf	10·2	-28	25	23	5	2	-	8	5	26	-	-	7
Tangmere ...	170	10	48	ir$_0$	10·7	-21	38	30	5	-	-	8	8	40	-	-	7
Bournemouth (Hurn	150	09	33	rr	08·5	-37	38	33	-	2	-	8	8	11	-	-	2
Boscombe Down	-	0	32	r$_0$	09·7	-38	31	30	-	7	-	8	-	-	8	58	7
Felixstowe ...	-	0	23	c	12·2	-10	28	24	-	-	7	8	8	25	-	-	5
Gorleston ...	250	09	58	c	11·6	-14	29	27	-	1	-	8	-	-	8	62	6
West Raynham	190	04	14	c	10·8	-14	26	23	-	-	7	8	-	-	8	73	6
Mildenhall ...	190	07	08	eft	10·8	-23	26	23	-	7	-	8	-	-	8	62	7
Cranfield ...	180	06	17	c	10·4	-24	28	21	-	7	-	8	-	-	8	66	7
Elmdon ...	130	04	48	c	08·4	-30	28	21	-	7	7	8	-	-	3	64	7
Cottesmore ...	180	06	19	0	10·2	-17	27	23	6	-	-	8	8	06	-	-	6
Watnall ...	150	02	04	ft	09·4	-24	26	21	-	-	-	8	8	00	-	-	7
Ross-on-Wye ...	120	05	24	s$_0$s$_0$	07·5	-25	28	26	-	2	-	8	8	10	-	-	7
Shawbury ...	120	06	48	c	07·8	-28	28	24	5	-	7	8	5	28	-	-	7
Bristol	120	05	32	s$_0$s$_0$	07·3	-39	29	28	-	2	-	8	8	56	-	-	7
Plymouth ...	130	13	48	ir	03·7	-47	43	42	-	2	-	8	8	13	-	-	1
Chivenor ...	120	10	40	rr	04·7	-43	36	35	7	-	-	8	8	21	5	11	5
St. Eval... ...	140	10	48	rr	02·4	-46	43	42	6	-	-	8	8	10	-	-	2
Culdrose ...	150	17	40	d$_0$d$_0$	02·8	-54	45	43	6	-	-	8	8	12	4	08	2
Scilly, St. Mary's	150	15	48	r$_0$r$_0$	00·4	-47	49	49	7	-	-	8	8	05	-	-	2
Guernsey ...	160	18	66	clr	06·7	-42	40	35	6	-	-	8	8	20	5	12	2
Aberporth ...	140	12	19	r$_0$s$_0$	03·9	-37	34	33	5	-	-	8	8	20	-	-	5
Pembroke Dock	130	13	36	rr	03·7	-48	40	38	6	-	-	8	8	08	-	-	2
Holyhead (Valley)	150	16	58	r$_0$s$_0$	04·1	-33	37	33	6	-	-	8	8		5	12	1
Manchester ...	170	09	32	c	07·0	-29	30	25	5	7	-	8	4	40	-	-	9
Squires Gate ...	140	13	48	c	06·2	-27	30	23	5	7	-	8	4	35	-	-	5
Silloth	-	0	32	c	04·6	-32	29	28	5	-	-	8	8	25	-	-	6
Lindholme ...	170	07	11	c	08·3	-20	29	22	-	-	7	8	-	-	8	70	5
Spurn Head ...	230	14	48	c	10·0	-09	33	30	6	-	-	7	7	15	-	-	3
Dishforth ...	130	08	28	c	07·4	-21	31	25	-	7	-	7	-	-	7	60	5
Tynemouth ...	200	08	40	c	06·8	-24	31	30	5	-	-	8	8	24	-	-	8
Leuchars ...	230	02	17	S$_0$S$_0$	05·2	-26	21	17	5	-	-	8	8	25	-	-	7
Eskdalemuir ...	-	0	66	0	05·2	-26	25	23	6	-	-	8	8	14	-	-	7
Prestwick ...	140	03	58	c	03·4	-28	34	30	5	-	-	8	8	50	4	29	6
West Freugh ...	-	0	50	ir$_0$	02·9	-34	36	31	7	-	-	8	8	31	3	15	7
Ronaldsway ...	180	20	61	c	03·9	-33	40	35	5	-	-	8	8	32	2	12	1
Tiree	110	11	07	ss	01·6	-29	33	30	6	-	-	8	8	08	-	-	7
Benbecula ...	060	02	82	e	03·0	-27	21	19	5	7	6	7	2	25	-	-	9
Stornoway ...	250	07	80	b	03·5	-21	17	14	5	3	-	1	1	40	-	-	7
Cape Wrath ...	320	05	82	ph$_0$	02·5	-19	29	29	9	-	-	8	8	15	-	-	9
Sule Skerry ...	260	09	82	bc	01·6	-24	33	29	8	-	-	4	4	10	-	-	7
Renfrew ...	020	04	17	is$_0$	04·3	-29	25	22	6	-	-	8	8	25	5	12	8
Dyce	-	0	66	c	05·2	-22	10	06	-	3	-	7	-	-	6	60	9
Wick	260	07	80	b	03·0	-23	19	14	-	-	-	0	-	-	-	-	97
Lerwick ...	-	0	66	c	01·2	-23	21	17	8	6	-	7	6	30	3	16	9
Blacksod Point	140	13	57	r$_0$r$_0$	00·6	-38	36	34	7	-	-	8	8	11	-	-	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5
Aldergrove ...	180	01	66	c	02·8	-33	31	27	5	7	7	8	3	45	3	20	6
Castle Archdale	130	03	56	S$_0$S$_0$	02·0	-31	30	27	5	-	-	8	8	36	-	-	8
Birr Castle ...	110	05	62	r$_0$r$_0$	00·4	-46	36	35	6	-	-	8	8	18	-	-	1
Collinstown ...	140	06	66	r$_0$r$_0$	02·1	-47	37	34	5	2	-	8	6	48	2	18	1
Rineanna ...	080	15	32	rr	00·8	-45	36	35	6	2	-	8	8	45	3	03	1
Valentia ...	100	15	69	r$_0$r$_0$	02·4	-38	46	42	6	-	-	8	8	19	-	-	1
Midleton ...	120	12	59	r$_0$r$_0$	01·2	-35	42	42	6	-	-	8	8	14	-	-	2

OBSERVATIONS during NIGHT

Stations	Weather: 21h.–03h. (40)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	bfx	bfcis$_0$ir$_0$s$_0$	23	*	0·3
London Airport	bm bfx	bfcfcs$_0$s$_0$cm$_0$	18	4	0·5
Tangmere ...	cm$_0$bm$_0$x	bcm$_0$x$_0$ss	20	16	3
Bournemouth (Hurn	b w cm$_0$x	cm$_0$r$_0$s$_0$ RR	21	13	9
Boscombe Down	bmcm$_0$	cm$_0$r$_0$s$_0$s$_0$cm$_0$	20	18	3
Felixstowe ...	bz$_0$	bz$_0$c	27	22	-
Gorleston ...	bm$_0$x	bm$_0$x$_0$m$_0$	25	22	.
West Raynham	bbccm	cm$_0$m	22	12	.
Mildenhall ...	bmbcm	bcmcfois$_0$f	22	*	Tr
Cranfield ...	bm$_0$z$_0$	cm$_0$ss	19	15	0·1
Elmdon ...	bfbz$_0$	cz$_0$cs$_0$s$_0$m	22	16	1
Cottesmore ...	bz$_0$	cr$_0$s$_0$s$_0$m	24	20	0·2
Watnall ...	bm$_0$fa	bf$_0$is$_0$f$_0$s	24	17	0·2
Ross-on-Wye ...	bfcfm	cm$_0$s$_0$m$_0$s	16	04	2
Shawbury ...	cfz bcm$_0$z$_0$	cz$_0$is$_0$ms$_0$f	16	13	1
Bristol	of bf	cs$_0$s$_0$m$_0$s$_0$	10	05	1
Plymouth ...	cm cir$_0$	orr r$_0$r$_0$m$_0$	32	29	8
Chivenor ...	cm$_0$xcm$_0$	crrm$_0$ir$_0$	29	27	5
St. Eval... ...	cbcc cir$_0$m$_0$	ocrrr$_0$r$_0$d$_0$d$_0$	34	32	8
Culdrose ...	cor$_0$	od d orr	35	28	7
Scilly, St. Mary's	orr	or$_0$r$_0$o	42	*	7
Guernsey ...	bbcc	cir orrif	38	33	7
Aberporth ...	bz$_0$cm$_0$	cr$_0$s$_0$m$_0$m$_0$	29	22	3
Pembroke Dock	bccm$_0$	crr r$_0$r$_0$m$_0$	30	25	8
Holyhead (Valley)	c	ccr$_0$s$_0$m$_0$	35	33	2
Manchester ...	c	ccs$_0$s$_0$	28	27	0·3
Squires Gate ...	cbccm$_0$	cz$_0$o is$_0$m$_0$s	30	28	Tr
Silloth	cs$_0$x	cm$_0$x	27	28	0·1
Lindholme ...	cz$_0$cm$_0$cm	czcm	28	26	.
Spurn Head ...	cm$_0$	com$_0$	32	*	.
Dishforth ...	cm$_0$bcm	cmc	28	23	.
Tynemouth ...	om$_0$off	off om$_0$	26	20	.
Leuchars ...	bbc	ccs$_0$s$_0$f	13	09	1
Eskdalemuir ...	b	ccis$_0$	12	05	0·5
Prestwick ...	cm$_0$q$_0$s$_0$s$_0$	cm$_0$	27	29	Tr
West Freugh ...	cis$_0$m$_0$cm$_0$	cir$_0$r$_0$s$_0$	28	25	3
Ronaldsway ...	bxc	ccr$_0$r$_0$	35	26	1
Tiree	bccs$_0$s$_0$h$_0$	os$_0$s$_0$srs	32	16	10
Benbecula ...	bxcx	cbccx	18	09	.
Stornoway ...	bcps$_0$b	bbc	12	04	Tr
Cape Wrath ...	cssf	bcph	26	23	3
Sule Skerry ...	*	*	28	24	2
Renfrew ...	bcoffis$_0$	cs$_0$s$_0$cm$_0$	17	15	1
Dyce	bv	bvcm$_0$	09	03	-
Wick	cbsm$_0$bx	bx	16	13	0·1
Lerwick ...	bcps$_0$	bckscps	18	16	0·6
Blacksod Point	bc	r	35	34	1
Malin Head ...	*	*	31	*	Tr
Aldergrove ...	c	ccis$_0$r$_0$r$_0$m$_0$	27	25	1
Castle Archdale	cx	cs$_0$s$_0$m$_0$	28	24	1
Birr Castle ...	bc	r	29	23	1
Collinstown ...	bc	r	28	24	0·4
Rineanna ...	c	r	32	27	5
Valentia ...	r	r	38	29	8
Midleton ...	c	r	29	20	8

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med †	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LE VERRIER	52° 18′	19° 36′	988	-53	070	34	ir$_0$	r	50	58	46	96	5	2	-	3	8	13
WEATHER OBSERVER	59° 12′	19° 0′	1007	+07	350	07	b	b	38	47	25	99	1	-	-	2	2	3
CIRRUS	48° 6′	15° 54′	1002	+01	220	24	b	bc	57	55	54	60	-	-	-	0	0	9½
POLAR FRONT	65° 42′	02° 12′E	990	+17	310	38	ps$_0$	p	33	43	18	99	9	-	-	8	8	¥
WEATHER EXPLORER	62° 0′	32° 48′	1013	+11	-	0	c	c	34	41	26	97	5	-	6	4	7	3
U.S. SHIP 'C'	52° 48′	35° 12′	1001	+25	070	27	c	bc	44	47	35	69	5	-	-	7	7	14
U.S. SHIP 'D'	44° 0′	41° 0′	986	-03	160	10	c	bc	57	57	53	65	5	-	-	8	8	5
CORRALES	46° 18′	23° 54′	986	+40	250	45	c	r	55	56	51	96	5	-	-	8	8	21
WEATHER WATCHER	60° 0′	16° 0′	1006	-05	250	08	c/ps	p	34	47	29	97	3	-	-	7	7	6½
ELYSIA	48° 54′	29° 42′	977	+10	350	52	r$_0$r$_0$	r	52	54	50	98	-	-	-	9	9	29

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med †	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LE VERRIER	52° 24′	19° 30′	979	-30	040	34	ir$_0$	r	48	50	46	97	5	2	-	4	8	24
WEATHER OBSERVER	59° 12′	19° 6′	1006	-09	360	12	bc	b	37	47	21	98	4	-	-	3	3	5
WEATHER WATCHER	60° 42′	17° 12′	1004	-12	320	09	b/ps	p	35	47	28	98	3	-	-	2	2	5
POLAR FRONT	65° 48′	02° 12′E	992	+10	300	26	ph$_0$	p	19	44	16	98	9	-	-	8	8	11
CIRRUS	45° 0′	16° 0′	1000	-09	220	20	b	b	57	55	54	65	5	-	-	1	1	14
ACCRA	46° 36′	09° 6′	1002	-03	180	22	ir$_0$	c	57	53	57	98	7	-	-	8	8	8½
U.S. SHIP 'C'	52° 48′	35° 12′	1005	+24	050	28	c	p	42	47	30	69	5	-	-	7	7	13
U.S. SHIP 'D'	44° 0′	41° 0′	985	-68	110	25	pr$_0$	p	59	57	58	63	5	-	-	8	8	6½
RANGITATA	40° 18′	19° 42′	1021	-12	290	27	b	b	61	61	52	99	1	-	-	1	1	6½
AUREOL	44° 6′	09° 24′	1011	-21	210	24	c/d	c	58	57	58	97	-	-	-	8	8	9½

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* Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34023 *Date of Issue* Sunday 16th January 1955

OBSERVATIONS at 12h. G.M.T. 15th January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form Low † (9)	Cloud: Form Medium † (10)	Cloud: Form High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer Amt. 0–8 (13)	Cloud: Main layer † Ht. (14)	Cloud: Lowest layer Amt. 0–8 (15)	Cloud: Lowest layer † Ht. (16)
Kew	140	11	20	r_5s_0	01·9	-55	35	32	7	-	-	8	8	15	6	08
London Airport	130	13	28	d_0r_0	02·2	-54	34	32	6	-	-	8	8	15	5	08
Tangmere	160	18	26	d_0d_0	03·6	-55	36	35	7	2	-	8	8	15	7	07
Bournemouth (Hurn	170	12	22	d_0d_0	99·9	-49	40	39	7	2	-	8	8	08	5	05
Boscombe Down	170	12	37	i_0r_0	04·4	-46	34	34	6	-	-	8	8	10	5	05
Felixstowe	180	15	66	0	06·1	-47	37	31	-	2	-	8	8	56	-	-
Gorleston	190	16	60	p_0s_0	06·6	-39	37	29	-	2	-	8	8	25	-	-
West Raynham	150	09	11	s_0s_0	04·5	-38	32	32	6	-	-	8	8	02	-	-
Mildenhall	180	11	61	r_0s_0	04·3	-42	36	28	6	-	-	8	8	10	-	-
Cranfield	140	08	04	r_0s_0	02·7	-46	33	32	7	-	-	8	8	02	-	-
Elmdon	130	08	13	s_0s_0	00·5	-48	33	31	-	-	-	9	9	00	-	-
Cottesmore	150	12	09	r_0s_0	03·6	-45	31	31	-	-	-	9	-	-	-	-
Watnall	140	10	03	ss	01·8	-54	31	30	-	-	-	9	9	00	-	-
Ross-on-Wye	240	02	48	i_0	99·1	-38	35	32	6	-	-	8	8	08	-	-
Shawbury	140	11	08	r_0s_0	99·4	-53	32	30	-	-	-	9	9	00	-	-
Bristol	140	09	17	d_0r_0	99·5	-46	35	34	6	-	-	8	8	08	6	06
Plymouth	150	01	19	d_0d_0	98·1	-23	45	45	6	-	-	8	8	02	-	-
Chivenor	120	14	59	d_0	97·8	-23	42	40	6	2	-	8	8	18	3	08
St. Eval	220	17	37	c/d	97·4	-13	51	51	6	-	-	8	8	11	7	04
Culdrose	230	17	15	o/d	99·5	-05	51	51	6	-	-	8	8	03	-	-
Scilly, St. Mary's	220	14	48	0	96·9	-01	52	52	6	-	-	8	8	06	-	-
Guernsey	200	15	02	of-	91·1	-24	50	50	6	-	-	8	8	00	-	-
Aberporth	150	16	40	d_0d_0	98·2	-41	37	35	6	-	-	8	8	25	6	07
Pembroke Dock	150	07	24	dd	95·4	-30	43	43	6	-	-	8	8	05	-	-
Holyhead (Valley)	070	02	19	r_0r_0	95·8	-55	37	35	6	-	-	8	8	20	6	10
Manchester	150	13	28	s_0s_0	99·8	-54	33	30	6	2	-	8	8	30	3	08
Squires Gate	120	11	12	s_0s_0	99·7	-44	32	30	-	2	-	8	8	20	-	-
Silloth	-	0	48	i_0	99·9	-28	33	28	5	7	-	8	2	35	-	-
Lindholme	140	08	06	s_0s_0	02·5	-37	31	30	-	-	-	9	9	04	-	-
Spurn Head	170	15	04	ss	04·9	-32	33	30	7	-	-	8	8	06	-	-
Dishforth	130	08	05	ss	00·4	-33	29	28	-	-	-	9	-	-	-	-
Tynemouth	250	10	12	0	01·5	-31	32	29	6	-	-	8	8	12	-	-
Leuchars	300	02	20	o/s	00·5	-27	22	21	6	-	-	8	8	06	-	-
Eskdalemuir	-	0	48	s_0s_0	00·6	-27	29	27	6	-	-	8	8	05	-	-
Prestwick	060	03	40	i_0s_0	97·8	-29	34	32	-	2	-	8	8	25	-	-
West Freugh	140	13	58	r_0r_0	97·6	-36	38	36	5	-	-	8	8	25	-	-
Ronaldsway	120	19	50	r_0r_0	97·7	-39	38	36	7	2	-	8	8	30	7	08
Tiree	080	03	59	c	97·6	-16	34	34	5	2	-	8	6	14	-	-
Benbecula	010	07	89	c	99·8	-17	24	22	5	1	-	7	1	28	-	-
Stornoway	250	10	82	c	99·4	-20	24	20	1	7	6	6	1	20	-	-
Cape Wrath	230	09	83	bc	98·4	-23	29	26	2	3	3	5	2	20	-	-
Sule Skerry	270	09	82	c	97·4	-23	34	33	3	-	-	7	7	15	-	-
Renfrew	020	03	07	s_0s_0	99·8	-29	27	24	6	-	-	8	8	08	-	-
Dyce	-	0	61	c	00·0	-31	23	18	5	7	-	7	3	56	-	-
Wick	260	06	89	c	98·5	-27	22	16	2	-	2	6	1	15	-	-
Lerwick	290	24	83	bc	93·9	-19	31	25	3	-	-	5	5	27	-	-
Blacksod Point	070	19	16	dr	92·8	-45	37	36	7	-	-	8	8	07	-	-
Malin Head	090	02	56	r_0s_0	96·9	-24	36	33	7	-	-	8	8	11	-	-
Aldergrove	070	08	48	r_0r_0	96·8	-32	34	31	6	2	-	8	8	16	1	12
Castle Archdale	100	12	56	r_0s_0	94·9	-43	34	32	5	-	-	8	7	25	4	15
Birr Castle	150	10	74	c/d	90·1	-47	42	40	5	-	-	8	8	23	2	14
Collinstown	130	18	40	d_0r_0	94·6	-43	39	38	6	-	-	8	8	04	6	02
Rineanna	120	09	66	i_0r_0	91·0	-27	43	41	6	-	-	8	8	20	4	09
Valentia	180	15	68	0	89·9	-15	52	50	6	-	-	8	8	09	-	-
Midleton	190	08	61	o/r	91·7	-11	50	50	6	-	-	8	8	05	-	-

OBSERVATIONS at 18h. G.M.T. 15th January 1955

Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: mb Bar at M.S.L. (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form Low † (25)	Cloud: Form Medium † (26)	Cloud: Form High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer Amt. 0–8 (29)	Cloud: Main layer † Ht. (30)	Cloud: Lowest layer Amt. 0–8 (31)	Cloud: Lowest layer † Ht. (32)	21 h. † State of ground (33)
210	04	01	f+	95·3	-25	38	37	-	-	-	9	-	-	-	-	6
-	0	F47	of+	95·4	-24	36	35	-	-	-	9	-	-	-	-	7
300	01	01	f	96·8	-14	38	38	-	-	-	9	-	-	-	-	9
220	13	40	c	95·7	-06	50	49	6	-	-	8	8	08	4	05	1
210	08	F5	f+	96·0	-11	38	38	-	-	-	9	-	-	-	-	7
190	11	35	0	95·9	-16	38	37	6	-	-	8	8	06	-	-	2
190	18	32	dd	96·7	-37	36	34	7	2	-	8	8	20	7	08	2
160	15	23	d_0d_0	94·4	-34	33	33	6	-	-	8	8	03	-	-	5
180	11	11	o/d	94·6	-38	35	33	6	-	-	8	8	01	-	-	1
200	06	03	f+	94·4	-28	35	35	-	-	-	9	9	00	-	-	6
-	0	08	of+	93·1	-25	34	33	6	-	-	8	8	01	-	-	7
150	08	02	d_0d_0	94·4	-36	32	32	-	-	-	9	-	-	-	-	7
170	05	03	d_0d_0	93·1	-33	33	33	-	-	-	9	9	00	-	-	7
230	04	02	f+	93·0	-18	35	34	-	-	-	9	-	-	-	-	7
160	07	05	d_0d_0	91·6	-29	34	32	-	-	-	9	9	00	-	-	7
210	06	07	of-	93·8	-14	41	41	-	-	-	9	-	-	-	-	7
240	07	33	i_0	95·5	-10	49	49	6	-	-	8	8	10	-	-	1
220	10	59	i_0	94·1	-10	51	47	6	-	-	8	8	16	6	12	1
210	15	48	c	94·5	-16	52	50	6	-	-	8	8	12	7	07	2
220	23	50	c/d	95·5	-18	51	51	6	-	-	8	8	10	5	03	1
200	16	56	c	93·0	-16	52	50	5	-	-	8	8	09	-	-	2
200	14	48	c	98·9	-08	51	51	6	-	-	8	8	06	4	02	1
200	12	26	i_0	91·0	-09	48	48	6	-	-	8	8	06	2	02	1
220	17	56	i_0	91·4	-19	50	50	6	-	-	8	8	06	-	-	2
240	10	48	c/d	88·9	-20	46	46	6	-	-	8	8	14	4	06	1
170	08	28	i_0	91·0	-37	36	33	6	2	-	8	8	20	6	08	6
100	10	28	r_0r_0	91·6	-26	33	32	7	2	-	8	8	22	7	12	6
070	12	17	s_0s_0	92·7	-28	32	32	5	-	-	8	8	18	-	-	7
140	10	14	r_0s_0	92·9	-41	33	432	6	-	-	8	8	06	-	-	7
170	19	32	r_0r_0	95·2	-45	35	35	7	-	-	8	8	08	-	-	6
110	08	05	s_0s_0	93·8	-37	32	31	-	-	-	9	-	-	-	-	7
200	07	08	s_0s_0	95·4	-34	33	33	6	-	-	8	8	08	-	-	9
-	0	11	ss	95·1	-21	25	23	-	-	-	9	9	02	-	-	7
040	0	40	0	94·3	-37	29	28	6	-	-	8	8	05	-	-	9
030	10	14	s_0s_0	93·6	-19	33	32	7	2	-	8	8	10	5	07	7
070	10	20	s_0s_0	91·7	-20	33	33	6	-	-	8	8	17	-	-	6
080	14	32	o/r	90·8	-23	38	25	6	-	-	8	8	05	-	-	1
020	17	82	c	95·0	-09	34	25	5	7	-	8	4	20	-	-	7
010	13	87	bc	95·3	-19	30	27	2	-	8	5	1	30	-	-	7
360	19	48	ss	96·2	-06	31	30	6	-	-	8	8	10	2	01	7
360	24	82	c	94·5	-04	29	26	9	-	-	7	7	20	-	-	9
360	24	81	is	94·9	+13	31	21	8	-	-	7	7	10	-	-	7
-	0	07	s_0s_0	94·7	-18	28	27	6	-	-	8	8	09	-	-	9
-	0	32	c	95·5	-15	21	16	5	7	-	8	6	56	-	-	9
280	11	04	is	94·9	-09	22	19	-	-	-	9	-	-	-	-	9
340	25	09	ks	92·8	+38	24	23	9	-	-	7	5	25	3	15	9
050	24	32	RR	89·0	-11	37	36	7	-	-	8	8	09	-	-	
090	09	24	r_0r_0	92·7	-13	38	35	7	-	-	8	8	11	-	-	
080	09	19	r_0r_0	91·2	-16	35	35	6	-	-	8	8	06	2	04	6
060	10	58	r_0s_0	90·6	-12	34	33	5	-	-	8	8	16	3	07	6
160	06	74	c	86·3	-18	45	44	5	-	-	7	7	33	3	21	
070	12	12	i_0	89·1	-12	40	39	6	-	-	8	8	01	-	-	
160	13	66	c	86·6	-22	48	46	6	3	-	6	4	25	2	10	
170	14	58	i_0r_0	84·6	-24	52	50	6	-	-	8	8	08	-	-	
190	10	59	s	87·7	-16	50	49	6	-	-	8	8	07	-	-	

OBSERVATIONS during DAY

Weather: 09h. to 15h. (34)	Weather: 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
$c_m s_0 r_0 s_0 r_0$	$c_m i_0 s_0 f c_m$	43	0·0	0·1
$c_m i_0 s_0 r_0 d_0 m$	$c f_0 f$	40	*	1
$o s s$ Fefc	fefec$_m$	47	0·0	4
$c r_0 s_0 m_0 d_0 s_0 f$	$c f c m$.	52	*	0·6
$o r_0 s_0 m_0 f_0 r_0 f$	$o f e$	41	0·0	0·4
$c c s_0 r_0 d_0 m$.	$o d_0 m_0 o f$	40	0·0	1
$o p r_0 s_0 r_0 f_0 m_0$	$o r_0 d_0 m_0 o m$.	39	0·0	2
$c h_0 o s s f f m$.	$c d_0 d_0 m_0 f f e$	37	0·0	3
$c s_0 s_0 n r_0$	$c d_0 d_0 m_0 c f$	40	0·0	1
$o s s d_0 s_0 r_0 r$	$c i_0 d_0 f$ Fe	39	0·0	1
$c s s f d_0 d_0$	$c i d_0 m f$	38	0·0	3
$s_0 s_0 f$	$o d_0 d_0 f f$	38	0·0	4
$c s s$ ffdd	$o d_0 d_0$ fFF	34	0·0	36
$s o d_0 o m$	$o m_0 f i d$	41	0·0	2
$s s f r s_0 f o d$.	$o d_0 d_0 m_0 o d_0 d_0 f$	37	0·0	5
$c r_0 s_0 d_0 d_0$	$o i d_0 f c i r_0$	45	0·0	4
$o i r_0 r_0 m_0 c f e$	$c i d_0 i r_0 c m_0$	51	0·0	1
$c i d_0 r_0 r_0 m_0$	$c m_0 i r_0 e m_0$	52	0·0	1
$c d_0 d_0 m_0 c m_0$	$C i d_0 m_0 o m_0$	53	0·0	0·5
$o f f m i d_0$	$o i d_0$ $o i d_0$	52	0·0	TR
o	$o i r_0 o c$	53	0·0	TR
$o r r a r f f o m i f c$	$c i d_0$	51	0·0	3
$c l r_0 i d_0 m_0 o m$	$o f o r r_0 m_0 c m_0$	49	0·0	2
$o r_0 f_0 d d m_0 o m_0$	$c m_0 c i r_0 m_0$	51	0·0	3
$c r_0 m_0 d_0 m_0$	$c m_0 r m o f_0 m_0$	49	0·0	4
$c s_0 s_0 r_0 s_0$	$c r_0 S i r_0$	37	0·0	3
$c m_0 s_0 s_0 m$.	$c s_0 s_0 m r r m_0$	34	0·0	7
$c m_0 s_0 s_0$. $s s m$	$c s_0 s_0 m i s_0 c m$	34	0·0	1
$c s_0 s o f$	$o s_0 s o f o d_0 d_0 o f$	33	0·0	4
$c s s c s o s_0$	$c s_0 s_0 d c l o f$	33	0·0	4
$o 2 s s t r s f$	$r s f o s_0 s o f$	32	0·0	5
$o m_0 o f f$	$o s s f f o m_0$	34	0·0	2
$o s_0 s_0 m_0 s s n$	$o s s i s_0 c m$.	26	0·0	1
$o i s_0 s s m$.	$o s s o i s o m_0$	30	0·0	3
$c i r_0$	$c s_0 s o m_0 o s_0 s o f$	35	0·0	4
$e r s_0 r r m$	$e r s r_0 s_0 s o n$	39	0·0	6
$c f o r_0 i r_0$	$c r_0 r_0 r s_0 f o d$	38	0·0	5
$o r s c l d_0 s$	$c i d_0 s$	35	0·0	2
cx	cbcc	30	0·0	-
b	ccpsks	32	0·0	3
bc	sbc	34	*	1
		39	*	1
$c m_0 s o$ Soff	offso$_s$o$_s$	29	0·0	3
$c m_0 o$	$c m_0 b$	25	0·0	-
bc	bcsps	36	1·8	3
cpsks	cpsksbc	32	2·0	3
r	r	38	0·0	17
r	r	39	0·0	6
$c r_0 r_0 m_0$	$c r_0 r_0 m_0$	53	0·0	5
$c r s m_0$	$c r_0 s_0 m_0$	35	0·0	11
r	d	47	0·3	3
r	r	42	0·0	9
r	r	49	0·0	3
r	r	53	0·0	3
d	r	62	0·0	3

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
WEATHER OBSERVER	53° 12′	19° 06′	1005	-09	330	24	c/ph	p	38	47	31	98	3	-	-	6	6	6½
LE VERRIER	52° 36′	19° 18′	984	+20	030	70	c	r	48	49	45	96	7	2	-	6	8	24
POLAR FRONT	65° 36′	0° 42′E	980	-03	310	23	ss	p	19	38	16	95	9	-	-	7	7	5½
CIRRUS	44° 48′	16° 18′	999	-02	240	34	c	bc	57	56	52	65	1	-	6	1	7	19
WEATHER EXPLORER	62° 00′	32° 36′	1013	-05	-	0	e	c	35	42	26	99	8	-	-	8	8	3
U.S. SHIP 'C'	52° 36′	35° 30′	1008	+12	070	22	c	c	44	46	30	69	5	-	-	6	6	11
U.S. SHIP 'D'	44° 00′	41° 00′	982	+42	160	30	bc	p	60	57	53	65	2	-	-	4	4	13
WEATHER WATCHER	61° 18′	18° 18′	1006	+25	020	25	p_0s_0	c	29	46	26	98	2	-	-	7	7	6½
RANGITATA	41° 24′	18° 18′	1011	+10	270	27	bc	b	60	61	56	99	2	-	-	3	3	6½
CORRALES	47° 36′	20° 18′	988	+06	260	44	o	c	55	56	53	97	7	-	-	8	8	16

18h. Ships' Reports

Ship	Lat. N °,	Long. W °,	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LE VERRIER	52° 42′	19° 06′	993	+63	010	58	c	c	48	49	43	95	5	-	-	8	8	21
WEATHER OBSERVER	53° 06′	19° 12′	1005	+20	020	22	p_3o	p	36	47	29	98	3	-	-	7	7	8
CIRRUS	45° 06′	15° 42′	996	+04	290	38	c	c	57	56	50	65	9	4	-	6	7	29
POLAR FRONT	66° 00′	02° 00′E	981	-62	250	24	p_3o	p	25	36	19	95	8	-	-	8	8	9½
WEATHER EXPLORER	62° 00′	32° 36′	1011	-10	270	15	c	s	34	42	25	99	5	-	-	7	7	3
U.S. SHIP 'C'	52° 48′	35° 12′	1005	-14	090	28	c	c	45	46	39	69	5	-	6	2	8	4
U.S. SHIP 'D'	44° 00′	41° 00′	983	-12	200	23	bc	bc	61	59	54	63	2	3	2	2	4	13
ELYSIA	49° 06′	25° 48′	1003	+25	360	24	c	e	51	55	42	99	8	6	-	4	6	9½
ACCRA	43° 54′	10° 06′	1003	+10	190	20	bc	b	58	56	56	97	1	-	5	2	8	8
REGENT ROYAL	48° 30′	17° 42′	981	+40	300	33	id	d	54	51	52	30	7	-	-	8	8	19

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet; 56–80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

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

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Saturday 15th January

1955

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky $\frac{1}{8}$ covered ◔ Sky $\frac{2}{8}$ covered ◑ Sky $\frac{3}{8}$ covered ◑ Sky $\frac{4}{8}$ covered ◕ Sky $\frac{5}{8}$ covered ◕ Sky $\frac{6}{8}$ covered ● Sky $\frac{7}{8}$ covered ● Sky $\frac{8}{8}$ covered ⊗ Sky obscured

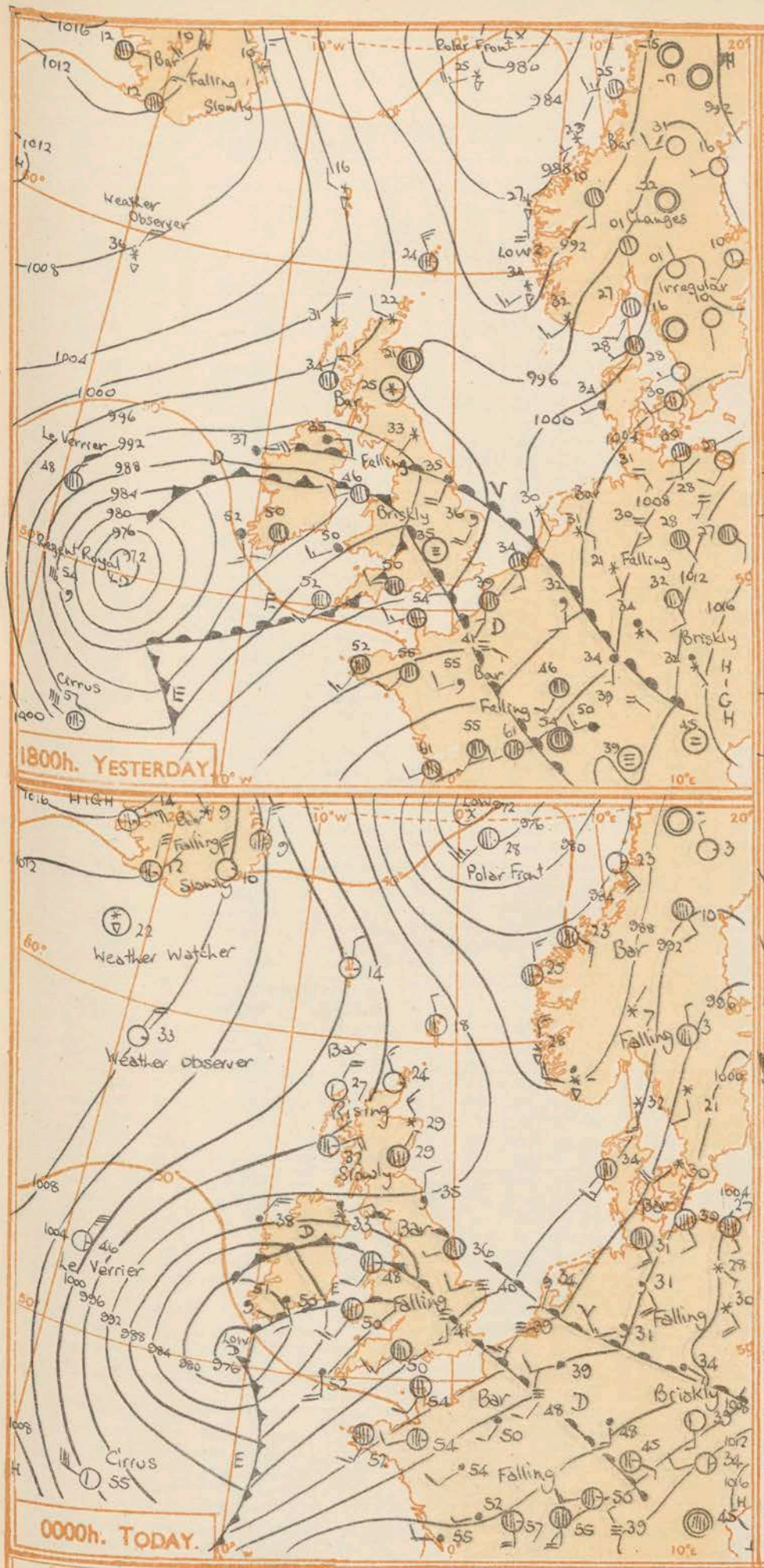
WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder ≡ Fog = Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

Issued at mid-day to-day Sunday 16th January 1955

The depression west of Ireland yesterday turned eastward abruptly and now off the Scilly Isles will cross the south of England today continuing eastward over Germany tomorrow. Other depressions will approach the northeast of Scotland later today and southwest England tomorrow.

FORECAST FOR BRITISH ISLES until noon tomorrow:- Rain will be fairly general over South Wales and Southern England at first and Snow and Sleet over northern areas and the South of Scotland. The area of Snowfall will move southward displacing the rain. Brighter weather will follow the snow southwards but there will be Snow Showers in Scotland and later also on exposed coasts in England and Wales. Mild in the South at first only. Otherwise very cold, with frost at night in many places and day temperature below freezing in Scotland.

OUTLOOK FOR following 24 hours:- Snow Showers in places especially in North Scotland. Bright periods in most places but perhaps becoming cloudy with more general sleet and Snow in Southwest England.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 16th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form: Low † (9)	Cloud: Form: Medium † (10)	Cloud: Form: High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer: Amt. 0–8 (13)	Cloud: Main layer: † Ht. (14)	Cloud: Lowest layer: Amt. 0–8 (15)	Cloud: Lowest layer: † Ht. (16)
Kew	18	*	*	*	*	*	*	43	*	*	*	*	*	*	*	*	*
London Airport	82	180	10	F6	ff	32·1	-23	41	41	-	-	-	9	.	.	.	.
Tangmere ...	53	230	11	20	s/d	34·3	+18	48	48	6	-	-	8	8	04	-	-
Bournemouth (Hurn	34	230	16	58	o	32·0	-27	52	50	6	-	-	8	8	08	-	-
Boscombe Down	414	230	09	02	cf	32·7	-24	43	43	6	-	-	7	7	02	-	-
Felixstowe ...	10	240	10	01	ff	33·2	-16	41	41	-	-	-	9	.	.	.	.
Gorleston ...	5	250	11	04	ff	32·0	-15	40	39	6	-	-	8	8	07	-	-
West Raynham	250	220	12	03	f	30·4	-16	38	38	-	-	-	9	9	00	-	-
Mildenhall ...	15	230	11	07	f	31·2	-17	43	43	-	-	-	9	.	.	.	.
Cranfield ...	340	230	12	F9	ff	29·7	-31	43	43	-	-	-	9	.	.	.	.
Elmdon ...	324	200	07	04	ff	29·4	-20	41	41	-	-	-	9	9	00	.	.
Cottesmore ...	440	200	14	06	ff	30·6	-17	41	41	-	-	-	9	.	.	.	.
Watnall ...	366	240	05	F9	f	29·8	-18	37	37	-	-	-	9	9	00	.	.
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	130	06	02	f	28·6	-19	37	36	-	-	-	9	9	00	-	-
Bristol	192	200	07	48	c	30·2	-23	44	44	5	-	-	6	6	32	-	-
Plymouth ...	90	220	14	40	o	30·3	-35	51	50	6	-	-	8	8	12	-	-
Chivenor ...	20	180	16	66	c	29·4	-37	51	47	6	-	-	8	8	42	6	15
St. Eval... ...	336	190	20	58	ir	28·4	-41	52	50	6	-	-	8	8	18	6	12
Culdrose ...	260	200	25	20	id	29·7	-36	51	51	6	-	-	8	8	04	-	-
Scilly, St. Mary's	158	180	20	58	ir	25·8	-47	52	50	5	-	-	8	8	10	-	-
Guernsey ...	340	170	16	63	c	24·6	-28	51	49	5	7	-	8	6	26	-	-
Aberporth ...	375	190	10	48	ir	26·9	-27	49	48	6	-	-	8	8	04	-	-
Pembroke Dock	34	200	15	56	o/r	26·9	-32	50	50	6	-	-	8	8	08	-	-
Holyhead (Valley)	32	200	10	48	c/r	25·6	-23	48	47	6	-	-	7	7	37	4	06
Manchester ...	248	170	12	09	dr	27·7	-18	39	39	7	-	-	8	8	03	4	02
Squires Gate ...	33	080	13	26	ir	27·7	-23	34	33	7	-	-	8	8	09	-	-
Silloth	25	060	14	11	$3_0 8_0$	30·5	-15	32	31	6	-	-	8	8	08	-	-
Lindholme ...	21	030	03	02	$d_0 r_0$	29·8	-13	33	33	-	-	-	9	.	.	.	.
Spurn Head ...	29	230	03	16	o	31·4	-20	36	36	6	-	-	8	8	08	-	-
Dishforth ...	105	340	06	14	i_0	30·6	-09	32	31	6	-	-	8	8	12	-	-
Tynemouth ...	108	360	09	12	$d_0 d_0$	31·9	-28	35	35	6	-	-	8	8	08	-	-
Leuchars ...	36	010	05	58	c	34·2	-05	29	23	7	-	-	8	8	12	3	08
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	040	15	15	15	32·1	-07	32	31	-	-	-	9	-	-	.	.
West Freugh ...	50	020	04	50	$5_0 5_0$	30·3	-03	38	32	7	-	-	8	8	19	3	15
Ronaldsway ...	55	040	13	26	$r_0 5_0$	28·1	-16	35	34	6	-	-	8	8	13	3	07
Tiree	29	060	19	82	c	25·3	+08	32	25	5	-	2	7	4	25	-	-
Benbecula ...	18	030	22	74	c	27·9	+13	28	24	5	-	-	7	7	43	-	-
Stornoway ...	10	010	18	66	ks	28·9	+05	27	20	5	-	-	2	2	25	-	-
Cape Wrath ...	367	360	18	83	c	27·9	+01	26	22	8	-	-	7	7	20	-	-
Sule Skerry ...	43	020	19	80	c	27·6	+06	29	26	8	-	-	6	6	10	-	-
Renfrew ...	28	080	09	28	o/s	33·4	-03	31	25	6	-	-	8	8	08	-	-
Dyce	185	340	13	61	is_0	25·6	+04	29	25	5	-	-	8	7	30	1	14
Wick	119	340	16	48	ks	26·8	+04	24	23	2	-	-	1	1	15	-	-
Lerwick ...	269	340	05	82	bc/ps	25·0	+08	18	16	8	-	-	4	4	20	-	-
Blacksod Point	18	030	27	48	rr	28·3	+03	38	37	7	-	-	8	8	09	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	050	09	37	$r_0 5_0$	30·3	-07	33	33	6	-	-	8	8	08	5	06
Castle Archdale	225	050	10	23	55	30·2	-01	33	32	6	-	-	8	8	06	-	-
Birr Castle ...	231	040	06	59	$r_0 r_0$	32·9	-20	44	44	6	-	-	8	8	08	6	05
Collinstown ...	226	060	18	20	$d_0 r_0$	30·9	-10	38	38	6	-	-	8	8	01	-	-
Rineanna ...	10	060	07	58	$r_0 r_0$	32·5	-21	47	46	6	-	-	8	8	25	2	05
Valentia ...	30	120	07	57	dr	30·2	-26	38	35	6	-	-	8	8	08	-	-
Midleton ...	30	170	10	58	ir	31·4	-37	50	50	6	-	-	8	8	09	-	-

OBSERVATIONS at 06h. G.M.T. 16th January, 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low † (25)	Cloud: Form: Medium † (26)	Cloud: Form: High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer: Amt. 0–8 (29)	Cloud: Main layer: † Ht. (30)	Cloud: Lowest layer: Amt. 0–8 (31)	Cloud: Lowest layer: † Ht. (32)	21 h. 09 h. † State of ground (33)
Kew	170	06	59	c	35·1	-42	46	45	5	-	-	7	7	30	-	-	5
London Airport	130	06	02	if	35·3	-49	41	41	6	-	-	8	8	63	7	00	5
Tangmere ...	180	15	23	c	35·8	-53	48	47	5	-	-	8	8	48	-	-	2
Bournemouth (Hurn	170	14	58	ir	32·6	-60	49	47	5	-	-	8	8	12	-	-	2
Boscombe Down	170	08	48	ir	33·8	-60	44	44	5	-	-	8	8	12	3	05	5
Felixstowe ...	210	12	40	o	37·2	-37	42	42	6	-	-	8	8	08	-	-	2
Gorleston ...	200	10	32	o	36·8	-31	44	43	6	-	-	8	8	09	-	-	2
West Raynham	200	12	03	f-	35·4	-31	43	43	-	-	-	9	-	-	-	-	1
Mildenhall ...	180	04	15	c	35·9	-34	44	44	-	-	-	9	-	-	-	-	1
Cranfield ...	180	09	40	c	34·7	-38	45	44	6	-	-	8	8	56	4	06	5
Elmdon ...	140	05	03	f-	33·2	-38	41	41	-	-	-	9	9	00	-	-	5
Cottesmore ...	010	08	02	f-	36·3	-22	34	34	-	-	-	9	.	.	.	.	2
Watnall ...	020	14	28	$r_0 r_0$	35·8	-27	32	32	7	2	-	8	8	15	5	04	6
Ross-on-Wye ...	140	08	48	o	31·3	-40	46	45	6	-	-	8	8	10	-	-	2
Shawbury ...	100	08	01	ff	32·9	-32	38	37	.	-	-	9	9	00	-	-	6
Bristol	140	05	33	rr	31·5	-54	43	42	6	-	-	8	8	13	-	-	5
Plymouth ...	210	16	38	$r_0 r_0$	27·4	-70	51	51	7	2	-	8	8	09	4	02	2
Chivenor ...	120	15	40	$r_0 r_0$	28·1	-66	50	48	6	-	-	8	8	12	5	08	1
St. Eval... ...	180	10	33	$d_0 d_0$	26·5	-52	50	50	6	-	-	8	8	05	7	02	2
Culdrose ...	220	17	08	$d_0 d_0$	27·1	-50	51	51	-	-	-	9	-	-	-	-	1
Scilly, St. Mary's	200	13	32	$i d_0$	25·8	-42	51	51	6	-	-	8	8	06	-	-	2
Guernsey ...	180	26	19	$r_0 r_0$	32·4	-70	50	50	6	-	-	8	8	01	-	-	2
Aberporth ...	120	09	56	ir	29·3	-41	47	47	6	2	-	8	8	39	3	08	1
Pembroke Dock	090	12	48	$r_0 r_0$	27·5	-49	48	48	6	-	-	8	8	08	-	-	2
Holyhead (Valley)	040	20	32	rr	31·5	-24	38	38	6	-	-	8	8	05	-	-	2
Manchester ...	070	17	16	rr	34·3	-22	35	32	7	-	-	8	8	18	3	12	2
Squires Gate ...	070	18	36	r(d)s	35·1	-10	35	33	6	-	-	8	8	10	-	-	7
Silloth	040	20	04	$8 o 5_0$	30·3	-04	30	30	-	-	-	9	9	03	-	-	7
Lindholme ...	350	10	07	is	36·7	-23	33	33	-	-	-	9	.	.	.	.	7
Spurn Head ...	050	14	16	$d_0 d_0$	37·3	-25	38	38	6	-	-	8	8	10	-	-	2
Dishforth ...	340	10	14	o/r	37·7	-18	33	33	6	-	-	8	8	15	-	-	7
Tynemouth ...	050	27	48	$r_0 5_0$	39·7	-11	35	33	6	-	-	8	8	10	-	-	6
Leuchars ...	030	10	66	c	34·0	+00	27	22	5	-	-	8	8	28	1	18	7
Eskdalemuir ...	030	13	20	$3_0 3_0$	31·6	-03	26	24	6	-	-	8	8	02	-	-	9
Prestwick ...	040	18	64	c	32·6	+03	29	22	5	-	-	8	8	40	5	25	7
West Freugh ...	030	22	16	$5_0 5_0$	30·2	+07	29	26	-	-	-	9	-	-	-	-	9
Ronaldsway ...	040	26	20	$5_0 5_0$	36·4	-01	32	32	6	-	-	8	8	09	-	-	7
Tiree	040	13	82	c	36·8	+09	30	19	5	-	7	8	7	25	-	-	7
Benbecula ...	050	10	89	b	38·7	+02	21	21	1	-	1	1	1	20	-	-	7
Stornoway ...	310	05	66	bc/ps	38·6	-08	24	23	2	-	-	3	3	18	-	-	7
Cape Wrath ...	320	09	83	bc	37·7	+11	26	08	3	-	-	5	5	25	-	-	9
Sule Skerry ...	360	13	82	c	36·0	-16	28	20	8	-	-	6	6	10	-	-	1
Renfrew ...	070	09	62	c	33·8	+01	28	22	5	-	-	7	7	50	-	-	9
Dyce	350	08	66	bc	35·3	-03	26	16	5	-	2	5	3	30	-	-	9
Wick	350	10	80	bc	36·2	-07	24	16	5	-	-	5	5	30	-	-	9
Lerwick ...	320	08	24	55	33·8	-08	22	21	6	-	-	8	8	11	-	-	9
Blacksod Point	030	30	70	c	34·8	+38	40	31	7	-	-	7	4	10	-	-	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	030	16	29	$5_0 5_0$	31·0	+14	32	32	6	-	-	8	8	20	3	10	5
Castle Archdale	030	14	66	c/s	32·6	+24	32	31	5	-	-	8	7	32	1	08	6
Birr Castle ...	010	18	48	$5_0 5_0$	37·6	+39	32	32	7	-	-	8	8	11	5	09	6
Collinstown ...	040	29	36	$r_0 5_0$	37·0	+09	35	34	6	-	-	8	8	05	3	03	2
Rineanna ...	010	25	48	$r_0 r_0$	38·2	+52	35	34	7	-	-	8	8	14	3	04	1
Valentia ...	020	35	61	$r_0 r_0$	38·5	+24	38	37	7	2	-	8	6	13	-	-	2
Midleton ...	040	25	59	o/r	30·2	+23	40	38	6	-	-	8	8	09	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	cm o r c	cr RR m_0	42	34	2 3
London Airport	Fid o cf	cff rr m_0	39	34	2
Tangmere ...	cm o cid o c	cm o cRR	46	45	5
Bournemouth (Hurn	cm o cid o m_0 cm o	cm o cRR m_0	49	47	9
Boscombe Down	o fe cfe	cm o ir o r_0 r o	41	36	5
Felixstowe ...	ofe	ofe or m_0 cm o	40	36	0·2
Gorleston ...	om o f oid m o m	om	34	25	0·6
West Raynham	off err o fe	offFFe	37	32	2
Mildenhall ...	cf ir o m	cnf cm o	40	37	0·3
Cranfield ...	o fcm o	cm o r o	35	36	0·6
Elmdon ...	oid o fir o sf	Fair	33	32	2
Cottesmore ...	f oid o f c pr f	cpr o Frrf	32	31	4
Watnall ...	o F ir o	of r_0 r o cd o d f $5_0 m_0$	31	32	6
Ross-on-Wye ...	dfrf	om o rr	40	33	6
Shawbury ...	o fb m o ci r_0	or m r_0 f o id o m_0	34	31	4
Bristol	c	c crr d rm	42	33	5
Plymouth ...	cir o cm o	o RRc rr o d d f o f	49	49	10
Chivenor ...	ci d o m o c	cr o r o a id m o	49	46	1
St. Eval... ...	om o rr m o	or rm o $r_0 d_0$ d o d f	49	39	5
Culdrose ...	oid o cair	or o fid o d o	50	49	6
Scilly, St. Mary's	corr	o id f r	50	*	7
Guernsey ...	cbcc	cir o o o rr f	49	47	8
Aberporth ...	cm o r o	crr r_0 f o m_0	45	44	10
Pembroke Dock	oi r_0 m o m_0	or o r m_0	48	46	9
Holyhead (Valley)	cr j R o m_0	cr r c s m_0	34	31	17
Manchester ...	cr o r o d f	cr o f $r_0 r_0 5_0$	34	32	11
Squires Gate ...	cr r d o d o r r m_0	cr o r o $5_0 r_0 5_0$	33	32	11
Silloth	o 5_0 o m_0	os 5_0 ff o k 5_0 ff	28	28	2
Lindholme ...	off off d o r_0	cff d 5_0 o ff 5_0	32	32	5 12
Spurn Head ...	or	od o d o	35	*	7
Dishforth ...	$5_0 5_0$ f	5_0 f c m i $r_0 r_0 5_0 m_0$	32	31	5
Tynemouth ...	oid mor s q m	$o 5_0$ q m	33	32	10
Leuchars ...	cm o	c	24	20	-
Eskdalemuir ...	$c 5_0 5_0 m_0$	$c 5_0 5_0 m_0$	24	23	4
Prestwick ...	$5_0 5_0$ o f i $5_0 5_0$	$o 5_0 5_0 m_0$ c	27	25	2
West Freugh ...	$cr 5_0 5_0 5_0$	$c 5_0 5_0 K s e$	27	27	1
Ronaldsway ...	$cr r r 5_0 r_0 r_0$	$tr 5_0 5_0 s s m$	31	31	4
Tiree	c	$cp r_0 5_0$	29	24	Tr
Benbecula ...	cbc	$b i c p 5_0$	16	12	0·1
Stornoway ...	$bk 5_0$	opsb	13	08	1
Cape Wrath ...	bc	bcph	23	23	Tr
Sule Skerry ...	*	*	22	20	0·2
Renfrew ...	$5_0 5_0 c$	c	27	25	0·1
Dyce	$bc 5_0 5_0 m_0 c$	$bci 5_0 c$	23	15	0·1
Wick	c k s f b	bbck $s m_0$	21	17	Tr
Lerwick ...	$cp 5_0$	$ci 5_0 o s s p 5_0$	17	12	3
Blacksod Point	r	o	34	28	14
Malin Head ...	*	*	33	*	4
Aldergrove ...	crr m_0 cr $5_0 5_0 h$	$c 5_0 5_0 c$	31	29	7
Castle Archdale	$cs 5_0 m_0$	$cs 5_0 5_0 m_0 c$	31	28	7
Birr Castle ...	r	s	31	32	16
Collinstown ...	r	s	32	32	13
Rineanna ...	r	s	33	32	5
Valentia ...	r	d	37	36	8
Midleton ...	r	d	35	34	5

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	53° 0′	19° 12′	1004	+42	010	34	bc	p	46	50	27	97	8	-	-	3	3	25½
WEATHER OBSERVER	58° 54′	19° 0′	1007	+02	010	18	b	p	33	47	27	98	2	-	-	1	1	8
WEATHER WATCHER	62° 36′	20° 36′	1011	+05	-	0	ps_0	p	22	45	16	97	2	-	-	8	8	6½
POLAR FRONT	65° 48′	02° 0′ E	976	-20	210	30	c	p	28	46	25	99	8	-	-	7	7	9½
CIRRUS	45° 54′	15° 54′	1003	+38	290	39	b	bc	55	55	48	60	8	-	-	2	2	29
WEATHER EXPLORER	62° 0′	32° 30′	1013	+22	340	21	b	p	30	42	20	98	3	-	-	2	2	6½
U.S. SHIP 'C'	52° 54′	34° 30′	1006	+03	090	34	c	c	46	47	37	69	5	-	-	8	8	14
U.S. SHIP 'D'	44° 0′	41° 0′	983	-05	160	17	bc	c	58	58	54	65	-	4	-	0	3	11
MARTAND	46° 12′	21° 42′	1009	+20	350	24	bc	bc	55	57	47	98	2	-	-	3	3	11
RANGITATA	43° 24′	15° 18′	1008	-10	320	33	bc	bc	56	58	52	97	1	-	-	3	3	13

06h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	53° 18′	19° 12′	1009	+20	320	32	c	p	45	51	36	97	8	-	-	7	7	17
WEATHER OBSERVER	58° 54′	18° 48′	1007	-01	350	11	bc	p	34	48	27	98	4	-	-	3	3	6½
WEATHER WATCHER	63° 18′	22° 0′	1014	+31	010	31	bc/ps	p	17	44	09	98	2	-	-	5	5	8
POLAR FRONT	65° 48′	02° 0′ E	973	-27	150	13	sh	p	30	46	23	97	8	-	-	8	8	8
CIRRUS	45° 6′	16° 12′	1010	+28	300	28	b	b	55	54	48	65	5	-	-	2	2	22½
WEATHER EXPLORER	67° 0′	32° 42′	1016	+11	360	22	b	b	35	42	23	98	1	-	-	1	1	6½
U.S. SHIP 'C'	52° 48′	34° 12′	1004	-17	090	34	r_0	r	46	46	42	63	7	-	-	8	8	16
U.S. SHIP 'D'	44° 0′	41° 0′	980	-19	140	21	pr_0	bc	59	57	53	63	2	-	-	8	8	11
RANGITATA	43° 0′	15° 18′	1010	+22	280	32	c	bc	56	57	48	89	-	3	-	7	7	13
ACCRA	41° 18′	11° 6′	1012	+40	250	26	bc	bc	59	56	57	98	1	-	-	5	5	11

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*Information not usually received.

† Code figure (see Introduction)

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34024 — Date of Issue... Monday 14th January 1955

OBSERVATIONS at 12h. G.M.T. 14th January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F (7)	Temp.: Dew point °F (8)	Cloud: Form: † Low (9)	Cloud: Form: † Medium (10)	Cloud: Form: † High (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer: Amt. 0–8 (13)	Cloud: Main layer: † Ht. (14)	Cloud: Lowest layer: Amt. 0–8 (15)	Cloud: Lowest layer: † Ht. (16)
Kew	090	02	F6	RR	76·8	-·1	47	47	-	-	-	9	-	-	-	-
London Airport	070	02	04	RR	77·4	-36	47	47	-	-	-	9	-	-	-	-
Tangmere	210	15	40	rr	77·0	-34	49	49	7	2	-	8	8	04	5	02
Bournemouth (Hurn	190	07	10	ir$_o$	76·0	-18	51	50	7	-	-	8	8	03	-	-
Boscombe Down	-	0	02	f+	77·0	-20	48	48	-	-	-	9	-	-	-	-
Felixstowe	130	10	20	rr	80·0	-43	43	43	7	-	-	8	8	08	-	-
Gorleston	160	06	20	r$_o$r$_o$	81·2	-34	42	41	6	2	-	8	8	28	7	09
West Raynham	010	11	13	RR	81·0	-17	39	39	-	2	-	8	8	04	-	-
Mildenhall	100	03	17	rr	79·5	-34	45	45	6	-	-	8	8	25	5	08
Cranfield	120	04	07	rr	79·3	-23	37	36	6	2	-	8	8	12	5	03
Elmdon	030	19	19	ss	82·6	+01	33	33	6	-	-	8	8	04	7	02
Cottesmore	020	18	11	ss	83·9	-06	33	33	7	-	-	8	8	02	-	-
Watnall	010	26	08	ls	84·9	+02	33	33	-	-	-	9	-	-	-	-
Ross-on-Wye	020	07	48	rr	81·9	+34	36	33	-	2	-	8	8	03	-	-
Shawbury	360	21	09	ss	86·8	+38	32	32	6	-	-	8	8	02	-	-
Bristol	020	17	19	d.r	79·2	+14	36	35	6	-	-	8	8	03	-	-
Plymouth	330	22	30	id$_o$	78·8	+28	51	50	6	-	-	8	8	20	6	05
Chivenor	360	24	23	rr	80·5	+35	47	46	6	-	-	8	8	03	-	-
St. Eval	340	35	48	rr	82·4	+59	42	42	6	-	-	8	8	05	6	03
Culdrose	340	40	56	ir$_o$	82·7	+56	44	44	6	-	-	8	8	10	6	03
Scilly, St. Mary's	350	35	32	o/r	85·9	+89	44	41	7	-	-	8	8	06	-	-
Guernsey	360	18	04	rr	78·6	-06	51	51	6	-	-	8	8	00	-	-
Aberporth	020	23	48	r$_o$r$_o$	87·0	+72	36	35	6	-	-	8	8	04	-	-
Pembroke Dock	020	32	56	ir$_o$	84·7	+67	38	36	6	-	-	8	8	20	5	10
Holyhead (Valley)	020	22	15	ss	90·8	+48	33	33	-	-	-	9	-	-	-	-
Manchester	020	21	26	s$_o$s$_o$	86·9	+28	34	31	5	2	-	8	8	20	6	10
Squires Gate	030	17	20	s$_o$s$_o$	90·1	+28	32	31	6	-	-	8	8	10	5	06
Silloth	030	15	61	is$_o$	94·9	+24	28	21	6	-	-	7	7	15	-	-
Lindholme	360	20	40	r$_o$r$_o$	86·2	+09	34	33	6	-	-	8	8	08	5	05
Spurn Head	050	31	32	prs	85·6	00	37	37	7	-	-	8	8	08	-	-
Dishforth	350	20	19	ss	89·6	+12	33	32	6	-	-	8	8	04	-	-
Tynemouth	050	27	32	s$_o$s$_o$	92·5	+17	33	30	6	-	-	8	8	12	-	-
Leuchars	330	07	66	c	96·7	+18	36	32	5	2	2	7	2	40	-	-
Eskdalemuir	030	13	64	ks	95·1	+19	25	23	5	3	-	7	6	22	-	-
Prestwick	020	13	62	c	97·5	+21	28	16	5	7	2	6	1	56	-	-
West Freugh	340	16	80	c	96·6	+30	27	19	5	3	2	6	2	30	-	-
Ronaldsway	360	23	61	s$_o$s$_o$	94·3	+38	29	27	5	7	8	7	3	25	-	-
Tiree	010	11	74	∫P	00·0	+10	29	17	9	6	-	6	4	18	-	-
Benbecula	100	05	74	ps$_o$	00·2	+06	26	25	9	-	-	7	6	24	2	16
Stornoway	-	0	82	b/ph	99·2	+01	25	21	3	-	-	1	1	22	-	-
Cape Wrath	360	13	84	bc	98·3	+07	27	15	9	-	-	4	4	30	-	-
Sule Skerry	360	13	82	c	96·6	+04	29	22	8	-	-	6	6	10	-	-
Renfrew	040	05	85	bc	97·8	+14	27	11	5	3	1	5	3	50	-	-
Dyce	320	08	82	c	97·0	+09	24	17	5	7	2	6	3	35	-	-
Wick	310	12	74	ph$_o$	96·2	-01	23	15	3	-	3	6	3	15	-	-
Lerwick	360	08	82	∫P	93·0	-04	23	17	9	-	2	4	2	25	-	-
Blacksod Point	020	24	90	c	92·3	+23	37	26	8	-	-	7	7	49	4	27
Malin Head	020	19	83	bc	99·9	+10	34	31	2	-	-	4	4	21	-	-
Aldergrove	360	15	83	bc	98·0	+36	28	22	5	-	-	3	3	30	-	-
Castle Archdale	030	09	89	b	99·7	+24	30	26	5	-	-	1	1	48	-	-
Birr Castle	360	13	81	b	99·9	+19	30	25	5	-	-	1	1	45	-	-
Collinstown	360	25	80	c	96·8	+61	31	27	5	7	-	7	6	23	-	-
Rineanna	360	15	83	b	02·3	+58	35	26	8	-	-	1	1	20	-	-
Valentia	020	14	83	c	02·5	+56	40	26	8	-	-	7	7	40	1	23
Midleton	010	32	80	bc	98·5	+34	35	28	5	-	-	5	5	23	-	-

OBSERVATIONS at 18h. G.M.T. 14th January 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F (23)	Temp.: Dew point °F (24)	Cloud: Form: † Low (25)	Cloud: Form: † Medium (26)	Cloud: Form: † High (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer: Amt. 0–8 (29)	Cloud: Main layer: † Ht. (30)	Cloud: Lowest layer: Amt. 0–8 (31)	Cloud: Lowest layer: † Ht. (32)	21 h. State of ground † (33)
Kew	360	20	20	r$_o$s$_o$	988·7	+97	35	32	7	-	-	8	8	20	6	08	1
London Airport	350	20	58	r$_o$s$_o$	989·4	+102	35	32	7	-	-	8	8	22	4	08	2
Tangmere	360	25	66	bc/rs	988·9	+110	36	33	5	-	-	5	5	18	-	-	2
Bournemouth (Hurn	350	22	60	c/r	989·4	+122	37	31	5	-	-	8	8	16	-	-	1
Boscombe Down	360	23	74	c	989·5	+99	34	31	5	-	-	8	8	15	-	-	1
Felixstowe	010	35	48	s$_o$s$_o$	988·7	+73	34	33	7	-	-	8	8	13	-	-	2
Gorleston	360	35	32	rs	988·6	+51	35	33	7	-	-	8	8	09	-	-	2
West Raynham	010	25	09	ss	987·6	+51	32	32	-	-	-	9	-	-	-	-	7
Mildenhall	010	25	23	ds	988·1	+76	33	33	6	-	-	8	8	02	-	-	1
Cranfield	360	13	32	o/s	989·2	+90	32	31	6	-	-	8	8	15	-	-	7
Elmdon	340	22	48	c	989·8	+75	31	31	6	-	-	8	8	22	4	10	7
Cottesmore	360	28	23	c/s	989·3	+71	30	29	7	-	-	8	8	13	5	06	7
Watnall	340	17	37	c/s	989·1	+61	29	28	6	-	-	6	6	10	-	-	7
Ross-on-Wye	360	08	70	bc	987·1	+79	32	26	5	-	-	8	8	30	-	-	3
Shawbury	340	13	48	bc/s	987·4	+69	29	25	5	3	-	5	3	30	1	10	7
Bristol	340	16	58	c	987·3	+110	34	28	5	-	-	8	8	18	-	-	5
Plymouth	360	14	59	pr$_o$	990·0	+98	38	33	2	-	-	6	6	26	-	-	1
Chivenor	340	24	80	c	990·1	+74	37	29	5	-	-	7	7	38	-	-	1
St. Eval	340	25	59	c	991·6	+83	39	30	2	-	-	6	6	10	1	07	1
Culdrose	330	25	66	bc	992·2	+99	39	32	6	-	-	4	4	15	3	08	1
Scilly, St. Mary's	330	20	66	c	993·7	+60	49	39	5	-	-	6	6	10	-	-	1
Guernsey	350	36	66	c	996·1	+134	42	36	6	-	-	8	7	22	4	12	2
Aberporth	360	18	74	c	000·0	+58	34	28	5	-	-	8	7	22	-	-	1
Pembroke Dock	340	10	66	c	000·9	+56	37	27	5	-	-	6	6	30	-	-	1
Holyhead (Valley)	350	07	82	b	000·2	+43	31	21	5	-	-	2	2	22	-	-	5
Manchester	360	15	28	bc	995·7	+50	31	27	5	7	-	5	3	25	-	-	3
Squires Gate	360	10	32	b	998·0	+38	28	21	-	-	-	0	-	-	-	-	7
Silloth	330	11	63	b	999·4	+27	25	13	-	-	-	0	-	-	-	-	7
Lindholme	330	23	36	c	994·0	+47	29	29	6	2	-	6	4	14	-	-	7
Spurn Head	020	35	58	c	990·7	+39	32	32	7	-	-	8	8	10	-	-	5
Dishforth	320	20	61	bc	995·0	+35	27	22	5	7	-	5	1	25	-	-	7
Tynemouth	020	21	56	b	995·6	+30	28	24	5	-	-	2	2	30	-	-	6
Leuchars	310	10	74	b	997·7	+07	22	12	-	-	-	0	-	-	-	-	7
Eskdalemuir	300	03	60	b	998·7	+16	17	15	-	-	-	0	-	-	-	-	7
Prestwick	-	0	36	b	000·1	+17	21	15	5	-	-	1	1	40	-	-	7
West Freugh	280	05	80	b	000·7	+25	20	14	5	-	-	1	1	20	-	-	9
Ronaldsway	-	0	82	b	001·0	+37	23	18	1	-	1	1	1	18	-	-	7
Tiree	350	15	82	bc	001·1	+16	30	18	9	6	3	4	3	18	-	-	7
Benbecula	330	10	74	bc/ps	000·1	+01	28	25	9	-	-	4	3	20	1	10	9
Stornoway	310	08	74	bc	998·6	-04	18	15	3	-	-	3	3	18	-	-	7
Cape Wrath	360	13	40	ps	995·8	-13	25	21	9	-	-	7	7	20	-	-	9
Sule Skerry	340	19	81	c	994·7	-08	29	24	8	-	-	6	6	10	-	-	1
Renfrew	250	06	17	b	999·9	TIS	19	10	6	-	-	1	1	30	-	-	9
Dyce	290	12	82	b	996·4	+02	20	14	9	-	-	1	1	20	-	-	9
Wick	280	12	63	c/ph	995·5	-04	20	18	9	-	-	6	6	12	-	-	7
Lerwick	290	20	08	ks	988·9	-23	26	24	9	-	-	7	7	15	-	-	9
Blacksod Point	010	10	08	is	005·2	+23	34	32	7	-	-	8	8	08	-	-	
Malin Head	320	09	21	ps	002·5	+22	32	30	9	-	-	8	8	21	-	-	
Aldergrove	280	06	82	b	002·0	+23	25	21	5	-	1	1	1	35	-	-	6
Castle Archdale	240	05	81	bc	003·4	+16	29	23	5	-	2	3	2	35	-	-	6
Birr Castle	-	0	77	c	005·0	+26	30	26	6	-	-	8	8	35	5	21	
Collinstown	300	10	83	b	003·7	+35	26	17	5	-	-	1	1	22	-	-	
Rineanna	070	06	05	is$_o$	006·2	+18	31	28	7	-	-	8	8	06	-	-	
Valentia	300	15	82	b/pl	006·5	+13	42	28	9	-	-	2	2	24	-	-	
Midleton	360	08	82	c	005·7	+28	38	27	5	-	-	7	7	35	-	-	

OBSERVATIONS during DAY

Stations	Weather: 09h. to 15h. (34)	Weather: 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	oRFer	crr$_o$s$_o$c2$_o$	49	0·0	6
London Airport	cRRFcr$_o$d$_o$m$_o$	trs m$_o$r$_o$r$_o$c	49	*	7
Tangmere	crrm$_o$	cr$_o$s$_o$g bc	50	0·0	6
Bournemouth (Hurn	cRRm$_o$cr$_o$rom$_o$	crs m$_o$ cr$_o$r$_o$m$_o$c	52	*	3
Boscombe Down	crrm$_o$oddfcrds	srs m$_o$cb	49	0·0	4
Felixstowe	crrm$_o$ cnf	o$_o$s$_o$ m$_o$ g c m$_o$	44	0·0	14
Gorleston	orr$_o$ m$_o$ of	or$_o$r$_o$ m$_o$ oRSmo	44	0·0	14
West Raynham	offcRRmossm	oss a ps$_o$ m$_o$	44	0·0	18
Mildenhall	crrism$_o$	ssf m$_o$ b m$_o$	45	0·0	10
Cranfield	cfrrofss	o$_o$s$_o$c s$_o$s$_o$ b c	45	0·0	11
Elmdon	crrossf	o$_o$s$_o$s$_o$c i$_o$s$_o$r$_o$b c	34	0·0	6
Cottesmore	rrfossf	ossfcm$_o$c	35	0·0	8
Watnall	csor$_o$mossf	ossfb m$_o$	33	0·0	5
Ross-on-Wye	rrrs	o cbc	43	0·0	10
Shawbury	rsmssfs$_o$r$_o$m$_o$	o$_o$s$_o$ m$_o$ b c b m$_o$	35	0·0	7
Bristol	cr$_o$d$_o$ci's	cr$_o$s$_o$c	44	0·0	4
Plymouth	oFoddFir$_o$m$_o$	cpr$_o$b c2$_o$	51	0·3	0·3
Chivenor	cddrrir$_o$m$_o$	C	50	0·0	6
St. Eval	oirFcrrm$_o$gcg	cgcir$_o$m$_o$cphc$_o$b	50	0·1	1
Culdrose	od$_o$d$_o$oir$_o$c	cpr$_o$bcb	51	0·3	2
Scilly, St. Mary's	otr$_o$o	o cbc	52	0·0	1
Guernsey	orrffd$_o$d$_o$ir$_o$q	cir$_o$g c	51	0·0	2
Aberporth	crrm$_o$ir$_o$c	cb	45	0·0	3
Pembroke Dock	orrir$_o$ mc	cpr$_o$ cbc	48	0·0	2
Holyhead (Valley)	cssm s$_o$s$_o$m$_o$c	bcb	34	0·8	6
Manchester	crsr$_o$s$_o$ s$_o$s$_o$	cs$_o$s$_o$c i$_o$s$_o$b c b	36	0·0	0·1
Squires Gate	ursm$_o$s$_o$m$_o$ cm$_o$	cm$_o$ b z$_o$	33	0·0	1
Silloth	ccis$_o$bc	bby	29	1·4	Tr
Lindholme	or$_o$s$_o$ oss m	os$_o$s$_o$m b	34	0·0	2·6
Spurn Head	ors	orso	38	0·0	6
Dishforth	cr$_o$m$_o$ossm	ossfcs$_o$s$_o$m$_o$b	35	0·0	2
Tynemouth	os$_o$s$_o$q m$_o$ o n$_o$d$_o$ m$_o$	bc m$_o$ b m$_o$	35	0·0	1
Leuchars	cbcb	b	26	2·6	-
Eskdalemuir	cs$_o$s$_o$ m$_o$b	b	25	2·0	0·1
Prestwick	cb2$_o$	bbm	28	3·4	-
West Freugh	cbc	bc ops m	29	3·3	0·6
Ronaldsway	cs$_o$s$_o$b	bbcph$_o$bc	32	2·3	0·2
Tiree	bcps$_o$	bcps$_o$b	31	3·7	Tr
Benbecula	cps$_o$cjp	cps ph ps$_o$bc	30	1·6	2
Stornoway	bbcps	bbcpscps	26	2·2	3
Cape Wrath	bcps	psbc	30	*	0·1
Sule Skerry			31	*	0·5
Renfrew	cb2$_o$y	b2$_o$bff	28	3·2	-
Dyce	cpsb	bk$_o$	26	2·5	0·2
Wick	p s$_o$h$_o$	p s$_o$h$_o$b	25	2·2	2
Lerwick	cks bc	cks bc	31	1·1	4
Blacksod Point	c	s	38	0·0	1
Malin Head	p	p		4·7	0·1
Aldergrove	cxbx	bxcpsxcx	31	4·6	0·1
Castle Archdale	cis$_o$bc	bcb	31	4·7	Tr
Birr Castle	s	bc	32	4·0	3
Collinstown	s	b	33	3·2	5
Rineanna	s	c	36	3·5	0·5
Valentia	r	p	33	2·3	3
Midleton	p	bc	36	4·0	2

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59° 00′	18° 12′	1006	-03	010	23	ph	p	32	47	31	95	3	-	-	8	8	5
LE VERRIER	53° 54′	19° 18′	1011	+19	360	08	c	c	48	50	37	97	2	-	2	4	6	8
POLAR FRONT	65° 54′	01° 54′E	979	+26	070	30	c/ph	p	36	41	21	99	8	4	-	6	7	9½
CIRRUS	45° 00′	16° 12′	1013	+09	190	06	cdo	c	54	55	46	50	7	2	-	7	8	13
WEATHER EXPLORER	61° 48′	32° 30′	1019	+18	100	22	c	p	34	41	23	99	8	-	-	7	7	6½
U.S. SHIP 'C'	52° 48′	34° 12′	1000	-14	090	36	c	c	47	46	39	69	5	-	-	8	8	17½
U.S. SHIP 'D'	44° 00′	41° 00′	978	-02	180	24	bc	p	60	56	52	65	2	1	-	2	4	11
WEATHER WATCHER	63° 54′	22° 54′	1017	+15	030	33	bc	bc	21	41	14	98	8	-	-	4	4	8
RANGITATA	45° 06′	13° 36′	1014	+22	300	26	bc	bc	55	55	47	98	2	-	-	5	5	11
ASSYRIA	50° 18′	21° 48′	1008	+08	100	12	c	c	48	55	36	99	8	-	-	8	8	17½

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	53° 06′	19° 48′	1010	-11	360	04	c	c	49	49	34	97	4	-	6	4	6	5
WEATHER OBSERVER	59° 06′	18° 54′	1009	+28	360	19	bc	p	32	46	29	98	4	-	-	5	5	11
CIRRUS	44° 54′	15° 42′	1008	-27	200	14	ir$_o$	d	57	56	57	30	7	2	-	7	8	14
POLAR FRONT	65° 48′	01° 48′E	984	+17	040	20	c/ps	p	30	37	23	99	8	-	-	7	7	9½
WEATHER EXPLORER	61° 54′	32° 42′	1021	+10	170	16	c	bc	33	41	21	99	8	-	-	7	7	6½
U.S. SHIP 'C'	52° 42′	34° 48′	996	-25	090	38	r$_o$r$_o$	r	45	46	43	59	7	-	-	8	8	17½
U.S. SHIP 'D'	44° 00′	41° 00′	982	·xx	230	28	c/pr	p	59	57	50	63	2	7	-	3	8	11
CORRALES	48° 54′	11° 18′	1014	+05	350	24	c	c	48	53	41	98	5	-	-	8	8	8
AVISVALE	44° 18′	09° 06′	1013	+25	260	09	c	bc	56	57	51	98	4	2	-	4	8	24
ELYSIA	50° 24′	11° 54′	1009	-01	050	13	c	c	51	55	37	99	1	6	-	8	8	5

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet: 56–80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

*Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Sunday 16th January

1955

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 represents 10 Kt. and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ◑ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

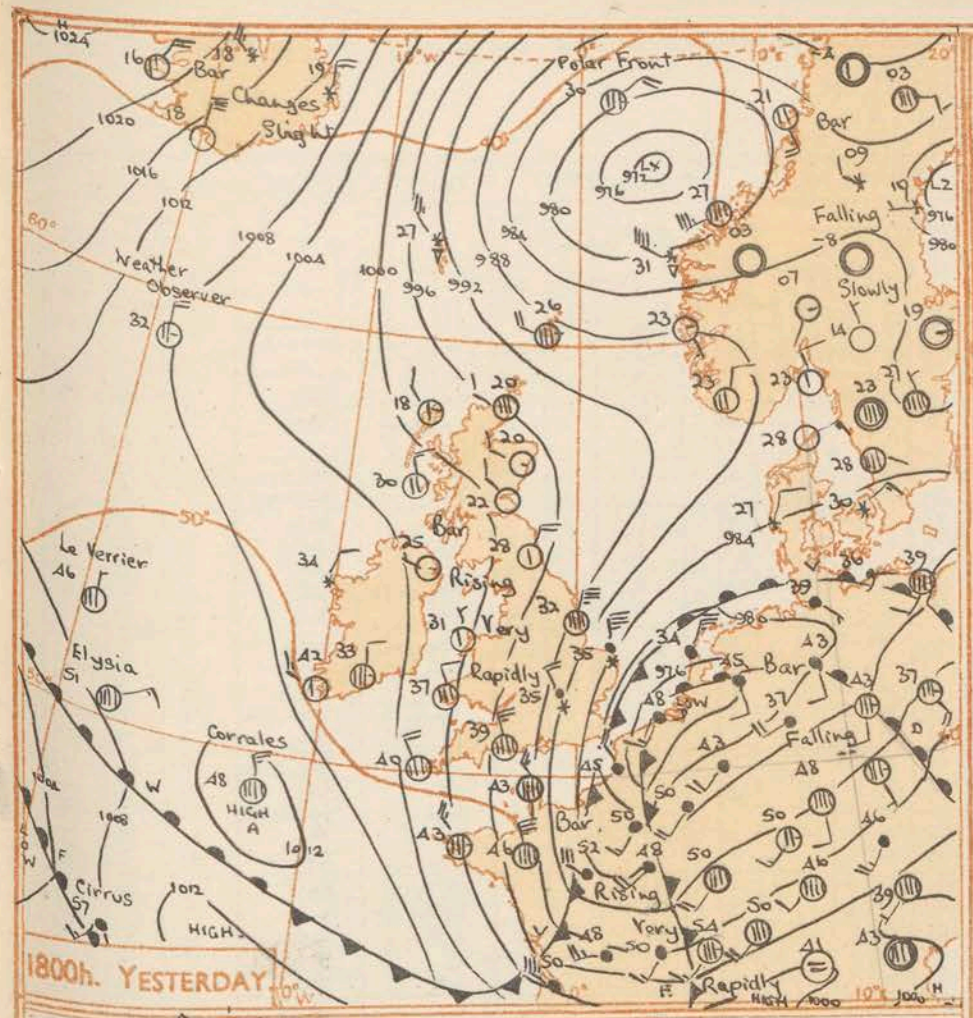
WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog = Mist

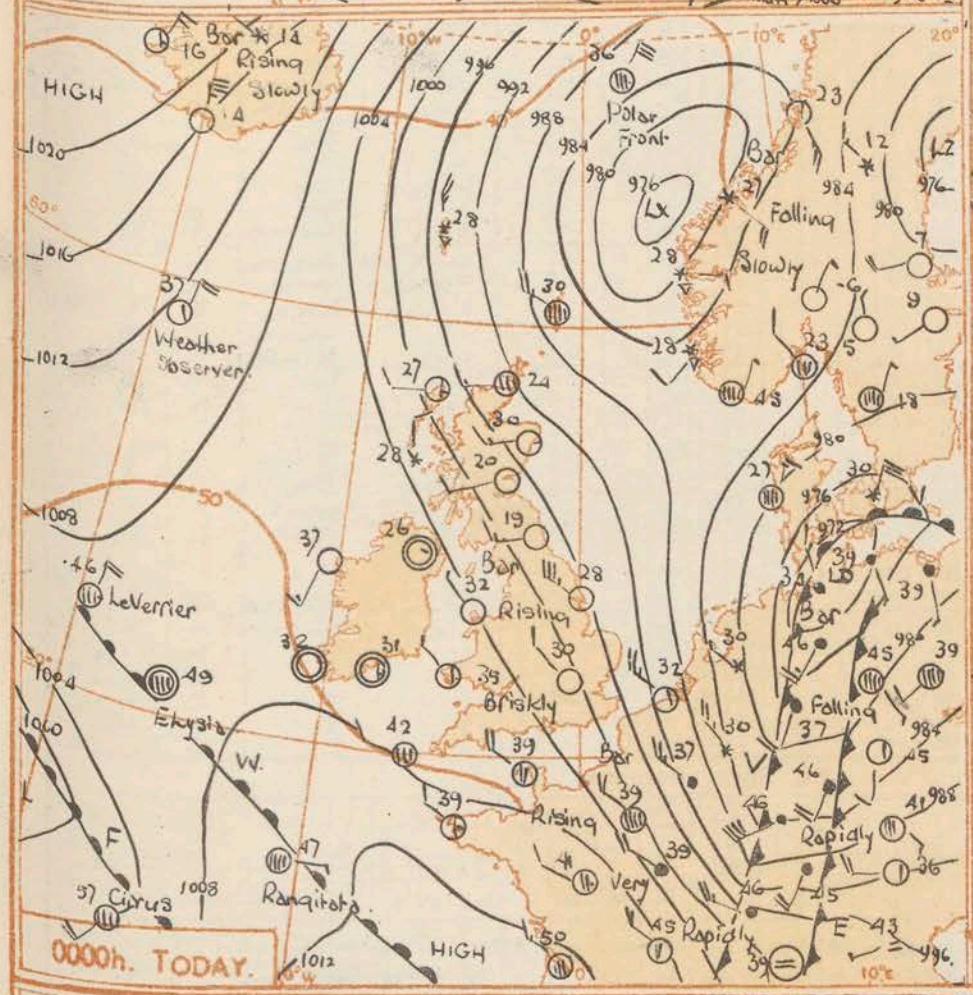
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

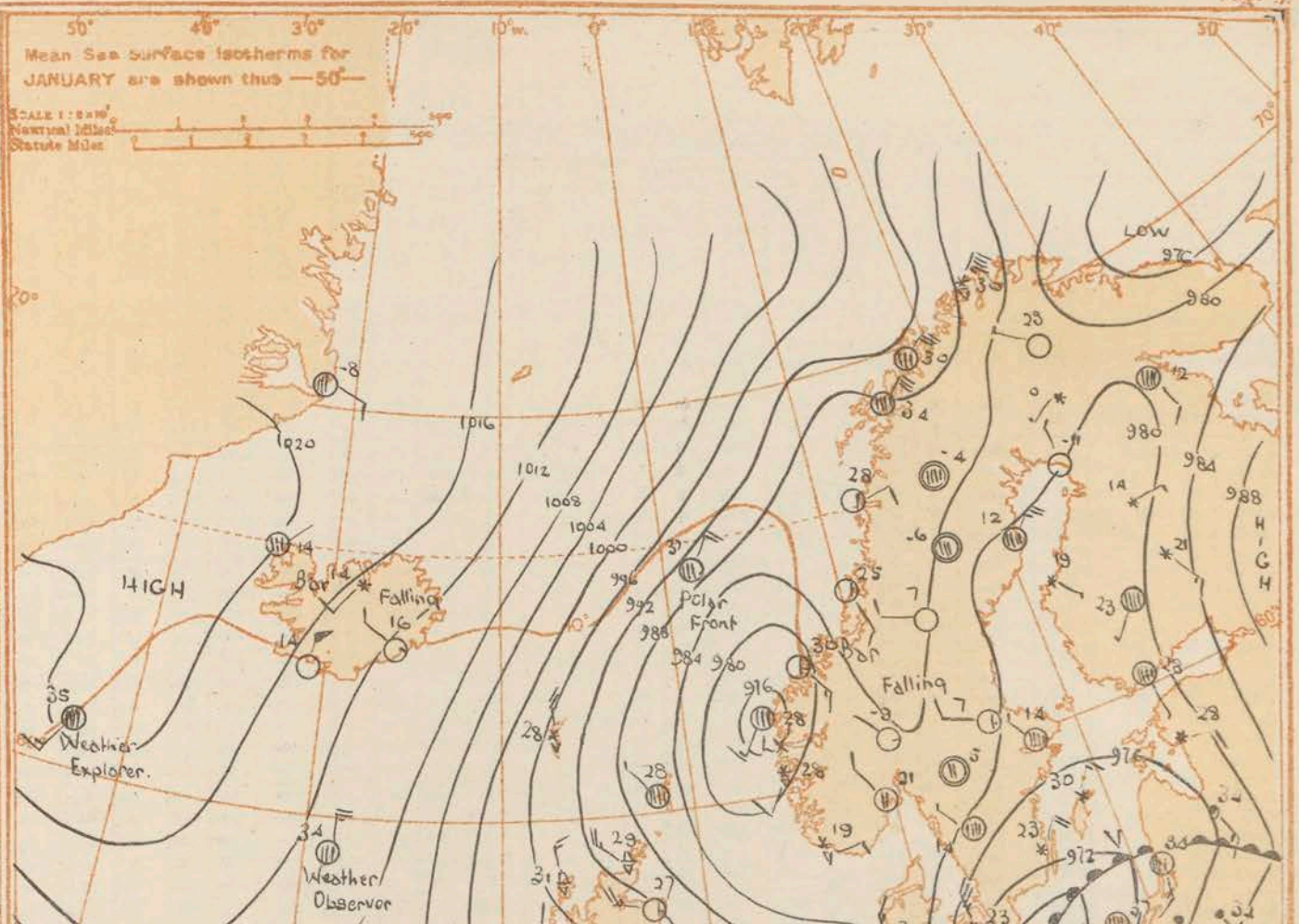
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

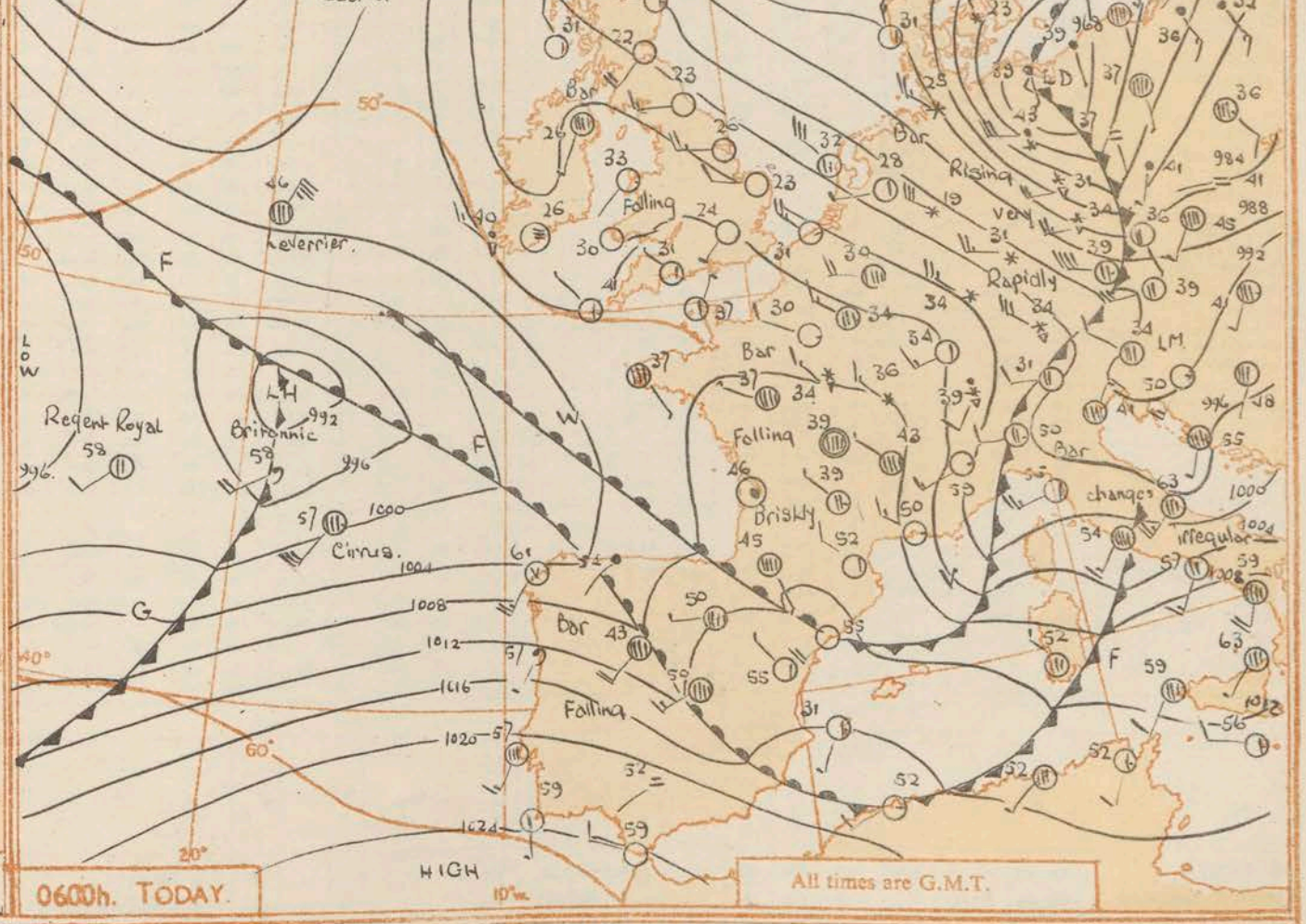
Short strokes across the frontal line indicate Frontolysis.

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.









GENERAL SYNOPTIC DEVELOPMENT:-

A deep depression moved quickly east across Southern England to North Germany. A depression to the southwest of Ireland is expected to move east-southeast into the Bay of Biscay. Another depression off the Norwegian coast will probably move southwards into the North Sea. A shallow depression over Ireland will move south-southeast.

Issued at mid-day to-day Monday 17th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

The British Isles will remain in a very cold northnorth-westerly airstream. There will be frequent snow showers in North and West Scotland and Northern Ireland, and scattered snow showers elsewhere. There may be periods of more continuous snow over Wales and Southwest England, and later in East Scotland and Northeast England. Over much of England there will be long clear periods. Keen or hard frost in many places tonight.

OUTLOOK FOR the following 24 hours:-

Continuing very cold with snow at times.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 17th January, 1955.

STATIONS (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	Form: † Medium	Form: † High	Total amount 0–8	Main layer: Amt. 0–8	Main layer: † Ht.	Lowest layer: Amt. 0–8	Lowest layer: † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	30	*	*	*	*	*	*	*	*	*
London Airport	82	300	10	66	b	02·5	+·28	30	27	-	-	·	0	-	-	-	-
Tangmere ...	53	300	11	66	b	03·6	+·30	31	25	-	-	-	0	-	-	-	-
Bournemouth (Hurn	34	-	0	66	c	05·3	+·20	31	25	5	-	-	7	7	23	-	-
Boscombe Down	414	350	08	74	b	05·7	+·52	27	21	-	-	-	0	-	-	-	-
Felixstowe ...	10	320	25	58	is.	98·5	+·87	33	30	5	-	-	8	8	23	-	-
Gorleston ...	5	340	23	40	s.	95·5	+·58	32	30	-	2	-	8	8	25	-	-
West Raynham	250	310	21	66	ks	97·8	+·46	25	21	-	-	-	0	-	-	-	-
Mildenhall ...	15	340	21	60	b	99·2	+·28	26	25	-	-	-	0	-	-	-	-
Cranfield ...	340	320	10	58	b	01·9	+·39	25	19	-	-	-	0	-	-	-	-
Elmdon ...	324	290	12	~~48~~ 58	b	03·4	+·32	25	20	-	-	-	0	-	-	-	-
Cottesmore ...	440	290	13	58	b	01·0	+·27	22	16	-	-	-	0	-	-	-	-
Watnall ...	366	320	02	63	b	02·2	+·33	20	18	-	-	-	0	-	-	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	280	11	59	b	04·0	+·22	24	19	-	-	-	0	-	-	-	-
Bristol	192	250	02	74	b	08·5	+·35	28	26	-	-	-	0	-	-	-	-
Plymouth ...	90	310	07	66	bc	07·7	+·39	36	29	5	-	-	3	3	38	-	-
Chivenor ...	20	350	04	74	c	06·8	+·21	36	27	5	-	-	8	8	50	-	-
St. Eval... ...	336	320	09	81	b	07·3	+·14	36	29	-	-	-	0	-	-	-	-
Culdrose ...	260	270	08	08	bc	08·4	+·13	37	32	5	-	-	5	5	20	-	-
Scilly, St. Mary's	158	290	13	74	c	07·4	+·16	42	32	5	-	-	6	6	16	-	-
Guernsey ...	340	330	18	81	b	07·3	+·33	38	33	1	-	-	1	1	25	-	-
Aberporth ...	375	320	13	66	c	05·3	+·16	33	21	5	7	-	7	3	33	-	-
Pembroke Dock	34	300	05	66	bc	06·1	+·15	35	26	5	-	-	3	3	35	-	-
Holyhead (Valley)	32	310	04	82	b	04·0	+·11	32	23	-	-	-	0	-	-	-	-
Manchester ...	248	320	06	32	b	02·5	+·19	23	19	-	-	-	0	-	-	-	-
Squires Gate ...	33	300	19	62	bc	01·6	+·03	31	27	5	-	-	6	3	22	-	-
Silloth	25	340	04	61	b	01·6	+·01	23	17	-	-	-	0	-	-	-	-
Lindholme ...	21	280	12	63	b	00·1	+·21	20	14	-	-	-	0	-	-	-	-
Spurn Head ...	29	320	34	66	b	96·4	+·35	28	24	-	-	-	0	-	-	-	-
Dishforth ...	105	290	12	66	b	00·0	+·14	20	13	-	-	-	0	-	-	-	-
Tynemouth ...	108	270	16	56	b	99·0	+·07	19	13	-	-	-	0	-	-	-	-
Leuchars ...	36	260	12	74	b	97·9	-·06	20	15	-	-	-	0	-	-	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	090	02	30	b	01·0	+·03	17	12	5	-	-	1	1	25	-	-
West Freugh ...	50	-	0	66	b	01·6	-·02	22	21	2	-	-	1	1	20	-	-
Ronaldsway ...	55	310	09	82	b	02·4	-·02	31	25	2	-	-	2	2	18	-	-
Tiree	29	360	10	20	s.	00·8	+·00	28	28	-	-	-	9	-	-	-	-
Benbecula ...	18	340	19	14	b	99·9	-·05	32	21	3	-	-	2	2	25	-	-
Stornoway ...	10	270	09	66	bc	97·8	-·05	27	25	5	-	-	3	3	25	-	-
Cape Wrath ...	367	320	13	82	ps	95·2	-·06	29	26	9	-	-	8	8	20	-	-
Sule Skerry ...	43	360	13	82	bc	92·1	-·17	37	21	2	-	-	4	4	10	-	-
Renfrew ...	28	260	08	27	b	00·4	-·02	19	14	-	-	-	0	-	-	-	-
Dyce	185	260	17	89	b	95·8	-·06	22	16	9	-	-	1	1	12	-	-
Wick	119	270	14	82	c/ph	92·9	-·14	24	19	9	-	-	6	6	15	-	-
Lerwick ...	269	320	25	66	c	86·0	-·11	30	24	9	-	-	8	8	30	-	-
Blacksod Point	18	200	09	70	b	04·8	-·08	37	31	-	-	-	0	-	-	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	-	0	66	b	02·7	-·05	26	24	5	-	-	1	1	30	-	-
Castle Archdale	225	230	06	66	b	03·6	-·04	25	25	-	-	-	0	-	-	-	-
Birr Castle ...	231	170	03	82	b	06·2	+·05	28	21	-	-	-	0	-	-	-	-
Collinstown ...	226	260	12	82	bc	05·3	-·03	26	24	5	-	-	3	3	50	-	-
Rineanna ...	10	210	06	07	if	07·6	-·01	28	28	6	-	-	3	3	01	-	-
Valentia ...	30	-	0	81	b	07·6	-·06	32	31	-	-	-	0	-	-	-	-
Midleton ...	30	-	0	66	bc	06·7	+·03	31	31	6	-	-	3	3	15	-	-

OBSERVATIONS at 06h. G.M.T. 17th January, 1955.

STATIONS (For heights see p. 4)	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	Form: † Medium	Form: † High	Total amount 0–8	Main layer: Amt. 0–8	Main layer: † Ht.	Lowest layer: Amt. 0–8	Lowest layer: † Ht.	09h. State of † ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	230	06	80	b	04·4	-·06	28	21	-	-	-	0	-	-	-	-	3
London Airport	240	05	74	b	04·2	-·10	24	21	-	-	-	0	-	-	-	-	3
Tangmere ...	330	03	66	b	05·8	-·01	26	23	-	-	-	0	-	-	-	-	3
Bournemouth (Hurn	~	0	58	b	05·7	-·15	24	22	-	-	-	0	-	-	-	-	1
Boscombe Down	~	0	63	b	06·1	-·08	28	19	-	-	-	0	-	-	-	-	5
Felixstowe ...	300	18	74	b	03·1	+·04	26	20	-	-	-	0	-	-	-	-	4
Gorleston ...	290	09	62	b	01·4	+·16	23	16	-	-	-	0	-	-	-	-	6
West Raynham	270	09	82	b	01·5	+·02	21	15	-	-	-	0	-	-	-	-	7
Mildenhall ...	~	0	63	b	02·4	-·02	25	21	-	-	-	0	-	-	-	-	6
Cranfield ...	240	09	69	b	03·5	-·09	21	18	-	-	-	0	-	-	-	-	7
Elmdon ...	240	05	57	b	02·9	-·12	23	18	-	-	-	0	-	-	-	-	7
Cottesmore ...	260	11	58	b	02·7	-·03	23	18	-	-	-	0	-	-	-	-	7
Watnall ...	250	05	60	b	02·8	-·06	23	18	-	-	-	0	-	-	-	-	7
Ross-on-Wye ...	230	03	77	b	03·7	-·15	25	15	-	-	-	0	-	-	-	-	3
Shawbury ...	220	09	58	b	02·5	-·21	21	15	-	-	-	0	-	-	-	-	7
Bristol	~	0	56	b	04·4	-·21	24	19	-	-	-	0	-	-	-	-	5
Plymouth ...	~	0	63	b	05·1	-·23	30	30	-	-	-	0	-	-	-	-	3
Chivenor ...	100	07	80	bc	04·9	-·17	33	28	5	-	-	5	5	38	-	-	1
St. Eval... ...	140	05	66	b	04·6	-·24	33	29	-	-	-	0	-	-	-	-	1
Culdrose ...	080	06	76	b	06·1	-·17	31	30	5	-	-	1	1	25	-	-	3
Scilly, St. Mary's	300	04	83	bc	04·0	-·24	41	32	8	-	-	3	3	10	-	-	1
Guernsey ...	010	03	83	c	06·2	-·19	38	33	5	-	-	7	7	49	-	-	2
Aberporth ...	190	13	86	b	02·8	-·30	27	20	-	3	2	2	-	-	1	59	3
Pembroke Dock	080	02	66	b	03·2	-·27	30	24	-	-	-	0	-	-	-	-	3
Holyhead (Valley)	240	01	82	b	01·0	-·26	33	30	5	-	-	1	1	25	-	-	5
Manchester ...	220	10	40	b/s	01·7	-·12	23	19	5	-	-	1	1	25	-	-	7
Squires Gate ...	270	18	66	bc	00·6	-·16	34	27	2	-	-	3	3	18	-	-	7
Silloth	~	0	56	c	00·1	-·10	20	18	5	-	-	8	8	30	-	-	7
Lindholme ...	230	02	48	b	00·6	-·04	23	21	-	-	-	0	-	-	-	-	7
Spurn Head ...	280	27	56	b	99·6	+·00	26	25	-	-	-	0	-	-	-	-	5
Dishforth ...	~	0	74	b	00·2	-·06	17	11	-	-	-	0	-	-	-	-	7
Tynemouth ...	270	14	61	b	98·5	-·05	23	18	-	-	-	0	-	-	-	-	6
Leuchars ...	240	16	74	b	96·3	-·12	22	17	-	-	-	0	-	-	-	-	7
Eskdalemuir ...	360	03	20	83	98·2	-·03	25	24	6	-	-	8	8	05	-	-	7
Prestwick ...	350	05	56	is.	99·2	-·16	31	29	8	-	-	8	8	40	6	10	9
West Freugh ...	300	14	40	ps.	00·0	-·11	31	24	-	-	-	9	-	-	-	-	9
Ronaldsway ...	270	12	84	bc	00·6	-·13	32	25	1	-	2	5	3	20	-	-	7
Tiree	350	10	82	b	98·9	-·10	31	19	5	-	8	2	1	25	-	-	7
Benbecula ...	330	15	66	c/ph	98·8	-·15	32	31	9	-	-	7	7	20	2	08	9
Stornoway ...	360	16	56	ph.	95·7	-·10	31	29	6	-	-	8	8	20	-	-	7
Cape Wrath ...	320	13	82	ps.	92·7	+·03	31	28	9	-	-	6	6	20	-	-	9
Sule Skerry ...	360	19	81	ps	90·5	-·10	33	27	8	-	-	8	8	10	-	-	*
Renfrew ...	250	07	58	c	99·0	-·15	25	22	5	-	-	8	8	25	-	-	9
Dyce	280	24	60	ks	93·2	-·14	27	21	9	-	-	3	3	12	-	-	9
Wick	310	23	02	ph	89·9	-·10	29	28	3	-	-	8	8	08	-	-	9
Lerwick ...	310	04	82	c	85·3	-·07	28	24	9	-	-	8	8	30	-	-	9
Blacksod Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	240	03	66	c	00·6	-·16	26	25	5	-	-	8	8	27	4	~~08~~	9
Castle Archdale	200	10	66	c/ps	98·5	-·31	30	28	3	-	-	6	4	18	-	-	6
Birr Castle ...	200	06	62	is.	00·5	-·36	30	25	6	-	-	8	8	25	-	-	6
Collinstown ...	260	16	82	c	00·8	-·30	30	21	-	2	-	8	-	-	8	61	6
Rineanna ...	170	06	12	ss	02·5	-·30	27	27	6	-	-	8	8	08	-	-	9
Valentia ...	290	15	72	pr	03·1	-·24	40	36	3	-	-	7	7	18	-	-	1
Midleton ...	~	0	03	f	02·9	-·28	26	25	-	-	-	9	9	01	-	-	6

OBSERVATIONS during NIGHT

STATIONS (For heights see p. 4)	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	cz. is. bx	bxz.	27	16	TR
London Airport	cps. bm.	bbx	22	14	TR
Tangmere ...	bx	bx	22	22	-
Bournemouth (Hurn	bcx	bx bm.x	22	12	-
Boscombe Down	bbx	bxb	22	12	TR
Felixstowe ...	cis.m	bc.b	27	25	0·1
Gorleston ...	prsm pssm.	bm.	21	20	1
Mildenhall ...	ops fbksb	bbz.	20	15	12
Cranfield ...	bm.	b	24	19	-
Elmdon ...	bcm. cm.	bz. b	21	17	-
Cottesmore ...	bcm. bz.	bz. cm	21	16	-
Watnall ...	cbm.	bm. b	20	16	-
Ross-on-Wye ...	bm. b	bbm. bm	18	17	-
Shawbury ...	bb	bbc	24	14	-
Bristol	bm.	bm. z. cm.	16	10	-
Plymouth ...	cbx	bx	22	17	-
Chivenor ...	bbc	cps. bxcmx	29	25	TR
St. Eval... ...	c	cb	31	27	-
Culdrose ...	bbcc	bbxcx	31	25	TR
Scilly, St. Mary's	bb cpr b	bbc	30	23	0·3
Guernsey ...	bccor k bc	bcc	39	*	0·4
Aberporth ...	bcbbc	bccr. r. bcc	34	31	1
Pembroke Dock	cb	b. c	27	19	-
Holyhead (Valley)	bcb	bbcc	29	29	-
Manchester ...	b	bbcc	28	22	-
Squires Gate ...	bbcc	bccpss. s. ss	19	18	2
Silloth	bz. b	bcjp m.	28	25	-
Lindholme ...	bz. m.	cz is. m.	9	00	TR
Spurn Head ...	bbz.	bm. bm	18	12	.
Dishforth ...	bcb	bm.	24	*	-
Tynemouth ...	b	bc	12	13	-
Leuchars ...	bm. cm.	bbc	18	16	-
Eskdalemuir ...	b	bbc	16	12	-
Prestwick ...	bm bbcc cis.	os. s. ss m. c	14	13	6
West Freugh ...	cps m. b	cps m. c	18	11	1
Ronaldsway ...	bc cps b	bcis. ps.	22	8	TR
Tiree	os. s. c	cps. by k s.	27	23	2
Benbecula ...	cps. b	cph. s. s sk ay	28	22	x x
Stornoway ...	bph	bhs	22	12	4
Cape Wrath ...	pso	pso	28	25	0·3
Sule Skerry ...	*	*			
Renfrew ...	bz. cis.	cbcif ps.	10	5	0·1
Dyce	bks. bc	bks. p bks.	19	15	TR
Wick	cpsh	cpsks	17	15	13
Lerwick ...	cps.	cps. c	27	21	4
Blacksod Point	*	*			TR
Malin Head ...	*	*		*	1
Aldergrove ...	bx	cxm s. s. cif	23	24	
Castle Archdale	cis. bc	cps. mob e	25	15	2
Birr Castle ...	s	s	22	14	TR
Collinstown ...		b	24	20	TR
Rineanna ...	s	s	23	10	1
Valentia ...	p	p	29	24	3
Midleton ...	s	f	23	13	2

00h Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Form: † Med.	Form: † High	Amount: Low	Amount: Total	Height of waves ft.
LE VERRIER	52° 48′	19° 48′	1008	-13	050	16	c	c	46	48	37	97	5	-	-	7	7	5
WEATHER OBSERVER	58° 54′	18° 42′	1011	+06	010	22	b	p	37	47	23	98	2	-	-	2	2	11
POLAR FRONT	65° 48′	01° 42′E	987	+11	040	32	c	p	36	43	19	99	8	-	-	7	7	9½
CIRRUS	45° 0′	15° 54′	1004	-17	230	21	c/r	r	57	55	57	56	7	2	-	8	8	14
WEATHER EXPLORER	61° 0′	32° 48′	1022	+07	200	17	c	c	34	41	25	98	6	-	-	6	6	6½
U.S. SHIP "C"	52° 48′	36° 6′	995	-02	090	37	fo.	r	46	47	43	63	7	1	-	7	8	22½
U.S. SHIP "D"	44° 0′	41° 0′	980	-05	180	28	pr	p	57	57	54	61	3	-	-	8	8	11
ANDES	40° 12′	09° 18′	1020	+01	230	11	c	bc	59	61	57	99	-	-	-	-	0	-
RANGITATA	47° 6′	10° 6′	1010	-22	080	05	c/d	d	47	55	45	90	7	-	-	8	8	6½
ELYSIA	50° 42′	15° 54′	1006	-14	L.V.	05	c	c	49	52	38	99	5	2	-	2	8	-

06h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Form: † Med.	Form: † High	Amount: Low	Amount: Total	Height of waves ft.
LE VERRIER	52° 24′	19° 48′	1006	-12	040	34	c	r	46	51	39	97	5	-	-	8	8	8
WEATHER OBSERVER	59° 0′	18° 36′	1011	-04	360	24	c/ps	p	34	47	25	98	2	-	-	6	6	13
POLAR FRONT	66° 0′	02° 0′E	988	+10	030	21	c	p	37	45	21	99	8	-	-	7	7	8
CIRRUS	44° 54	15° 54′	1001	-09	240	30	c/r	r	57	54	55	50	9	-	-	7	7	14
WEATHER EXPLORER	62° 6′	32° 42′	1020	-05	210	17	c	bc	35	41	29	99	5	-	-	8	8	6½
U.S. SHIP "C"	52° 48′	36° 18′	993	-15	090	37	d.d.	c	46	46	44	61	7	-	-	8	8	22½
U.S. SHIP "D"	44° 0′	41° 0′	981	+24	270	13	c/pr	p	56	56	49	65	2	-	-	6	6	9½
BRITANNIC	45° 54′	18° 0′	995	-30	250	22	id.	r	58	56	56	97	7	-	-	8	8	-
REGENT ROYAL	45° 30′	24° 12′	999	+05	230	12	bc	c	58	61	56	98	6	9	-	3	4	-
BASSANO	58° 12′	18° 36′	1010	+10	350	13	b	bc	36	49	16	98	5	-	-	1	1	5

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* Information not usually received.

† Code figure (see Introduction)

No. 34025

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Tuesday 18th January 1955

OBSERVATIONS at 12h. G.M.T. 17th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer Ht. † (16)
Kew	210	08	56	bc	02.4	-17	35	22	–	3	5	5	–	–	–	–
London Airport	190	04	58	b	02.5	-15	35	23	5	–	1	2	2	57	–	–
Tangmere	200	04	56	b	03.2	-20	39	18	–	–	4	1	–	–	1	75
Bournemouth (Hurn	220	10	58	bc	02.1	-27	40	29	5	–	2	4	3	28	–	–
Boscombe Down	220	06	61	c	03.1	-29	35	26	–	3	–	6	6	60	–	–
Felixstowe	260	11	57	b	02.8	-04	34	28	–	–	1	1	–	–	–	–
Gorleston	250	10	58	b	01.1	-07	28	22	–	–	–	0	–	–	–	–
West Raynham	230	12	58	c	00.8	-07	27	23	–	–	1	6	–	–	6	73
Mildenhall	270	11	62	c	01.8	-06	33	29	–	–	2	7	–	–	7	74
Cranfield	230	11	66	bc	01.8	-08	31	27	–	–	2	3	–	–	3	70
Elmdon	230	04	23	c	00.6	-21	30	23	–	7	7	8	–	–	5	62
Cottesmore	250	08	32	c	01.5	-12	30	23	–	–	7	8	–	–	8	73
Watnall	230	06	17	c	00.3	-18	29	23	–	–	5	7	–	–	7	70
Ross-on-Wye	210	10	60	c	00.0	-28	33	24	5	–	3	7	6	25	–	–
Shawbury	170	08	66	c	00.4	-20	29	22	1	7	6	7	1	25	–	–
Bristol	200	07	23	c	01.7	-22	35	27	8	–	–	7	7	40	1	20
Plymouth	110	01	22	c	01.7	-25	35	32	–	7	6	6	–	–	3	58
Chivenor	190	11	80	c	01.1	-27	39	31	8	3	5	7	1	30	1	25
St. Eval	170	10	81	c	01.1	-05	38	34	8	–	8	7	1	15	–	–
Culdrose	150	04	84	c	02.9	-20	39	36	2	7	–	7	1	15	–	–
Scilly, St. Mary's	200	04	83	c	01.7	-14	44	34	8	–	–	7	7	16	–	–
Guernsey	100	14	82	c	03.1	-24	41	35	3	7	–	7	4	16	–	–
Aberporth	190	13	04	ps	98.9	-30	34	30	–	–	–	9	–	–	–	–
Pembroke Dock	290	11	60	rs	99.5	-24	37	33	7	2	–	8	8	38	5	10
Holyhead (Valley)	–	0	58	pso	98.8	-12	32	31	2	6	–	6	5	15	–	–
Manchester	–	0	09	[illegible]	00.0	-14	27	25	6	–	–	8	8	10	–	–
Squires Gate	330	08	58	c	99.1	-09	34	28	2	7	–	7	3	20	–	–
Silloth	250	10	74	bc	98.2	-13	32	25	8	–	2	5	1	20	–	–
Lindholme	220	11	19	c	99.0	-11	30	23	–	–	7	8	–	–	8	70
Spurn Head	260	16	48	bc	99.2	-06	30	29	–	7	–	4	–	–	4	62
Dishforth	210	07	66	c	98.0	-17	27	22	1	6	2	6	1	25	–	–
Tynemouth	290	16	58	c	97.0	-16	30	26	–	–	8	6	–	–	6	70
Leuchars	260	14	74	ks	98.7	-13	30	21	5	6	2	5	2	35	–	–
Eskdalemuir	080	08	66	b	96.7	-14	27	23	6	–	1	2	2	06	–	–
Prestwick	270	12	80	bc	97.5	-16	35	25	9	–	–	4	3	20	1	15
West Freugh	260	04	58	jp	98.9	-04	30	24	9	–	2	7	5	15	–	–
Ronaldsway	320	11	82	c	99.3	-14	34	27	2	3	2	7	1	20	–	–
Tiree	350	23	58	pso	98.8	-08	32	29	3	6	3	8	7	15	–	–
Benbecula	320	28	11	ph	97.8	-05	32	32	9	–	–	8	8	08	6	04
Stornoway	330	23	59	ks	95.9	+06	31	30	9	–	–	6	6	15	–	–
Cape Wrath	360	19	82	ps	92.1	+01	28	16	9	–	–	7	7	20	–	–
Sule Skerry	360	24	81	lc	90.4	+13	35	34	5	–	–	8	8	10	–	–
Renfrew	250	10	32	b	96.6	-22	33	26	9	6	3	2	1	15	–	–
Dyce	290	28	48	pso	91.0	-13	30	27	9	6	3	6	5	40	3	18
Wick	320	15	66	c/ph	89.0	-09	32	28	3	–	–	7	7	10	–	–
Lerwick	360	23	12	pso	83.5	-05	29	29	9	–	–	8	8	15	–	–
Blacksod Point																
Malin Head	360	09	58	pho	00.0	-10	34	27	9	–	–	7	7	21	–	–
Aldergrove	200	03	58	bc/f	01.0	+03	27	24	9	–	3	4	3	20	1	12
Castle Archdale	250	10	56	pso	02.7	+16	28	26	3	–	–	6	6	10	–	–
Birr Castle	010	11	83	bc	02.2	+35	29	26	2	–	–	5	5	23	–	–
Collinstown	360	08	74	c	00.8	+08	31	30	8	–	–	6	6	27	2	18
Rineanna	010	16	83	b	04.0	+16	30	25	1	–	5	1	1	25	–	–
Valentia	020	15	83	c	04.0	+03	41	27	2	–	2	6	5	25	–	–
Midleton	330	12	80	bc	01.9	-03	35	28	5	–	2	4	1	35	–	–

OBSERVATIONS at 18h. G.M.T. 17th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	170	06	20	c	96.0	-23	35	31	6	2	–	8	5	35	3	20	1
London Airport	160	04	22	c	96.0	-32	33	32	5	7	–	8	8	60	5	30	5
Tangmere	–	0	48	c	96.9	-28	33	33	8	–	–	7	6	40	2	20	2
Bournemouth (Hurn	290	13	19	ph	96.9	-10	35	33	3	7	–	8	5	12	–	–	1
Boscombe Down	280	05	37	s,s,	97.5	-15	33	32	6	–	–	8	8	04	–	–	7
Felixstowe	220	06	51	o	98.4	-22	35	29	–	7	–	8	8	56	–	–	7
Gorleston	240	09	56	c	97.8	-20	30	25	–	4	–	6	–	–	6	58	6
West Raynham	240	05	58	o	97.2	-11	28	23	–	7	–	8	–	–	8	60	7
Mildenhall	230	08	12	[illegible]	97.4	-19	31	31	–	–	–	9	9	00	–	–	9
Cranfield	290	02	14	ss	97.1	-16	31	28	6	–	–	8	8	10	–	–	9
Elmdon	–	0	10	o/s	97.6	-03	27	25	6	–	–	8	8	04	–	–	9
Cottesmore	300	06	11	s,s,	98.5	-02	29	27	–	2	–	8	8	15	–	–	7
Watnall	240	06	14	bc	97.5	-10	27	25	5	–	8	4	2	30	–	–	7
Ross-on-Wye	360	09	24	c	97.4	+03	30	28	6	–	–	8	8	08	–	–	7
Shawbury	300	05	F5	bf	98.4	00	18	15	–	–	–	0	–	–	–	–	7
Bristol	270	06	48	bc	97.2	-03	33	32	–	4	1	4	–	–	2	65	7
Plymouth	330	08	23	bc	98.4	-02	37	35	5	3	–	4	2	15	–	–	1
Chivenor	330	16	82	c	98.6	+02	37	32	5	–	–	6	6	15	–	–	1
St. Eval	350	14	83	bc	99.1	-02	37	31	2	–	–	5	5	14	–	–	1
Culdrose	350	16	84	bc	99.8	-05	38	33	8	–	2	4	3	12	1	10	3
Scilly, St. Mary's	350	13	83	c	98.9	-01	40	32	8	–	–	6	6	16	–	–	1
Guernsey	190	06	82	c	98.2	-22	40	32	–	7	8	6	–	–	4	60	2
Aberporth	010	12	89	b	99.3	+16	34	28	1	–	–	1	1	15	–	–	5
Pembroke Dock	020	07	74	b/ps	99.4	+14	35	29	2	–	–	1	1	20	–	–	5
Holyhead (Valley)	350	17	66	pho	98.3	+00	36	25	2	–	–	7	7	18	–	–	5
Manchester	240	09	06	f4	97.2	-05	24	24	–	–	–	9	–	–	–	–	9
Squires Gate	320	15	56	b	96.7	-05	35	28	2	–	–	2	2	22	–	–	6
Silloth	280	14	74	b	95.2	-12	32	29	5	–	–	2	2	30	–	–	7
Lindholme	230	07	20	bc	96.0	-09	28	23	–	4	8	3	–	–	1	59	7
Spurn Head	250	15	48	b	95.8	-13	31	28	–	–	–	0	–	–	–	–	5
Dishforth	–	0	59	b	95.1	-12	26	22	–	–	–	0	–	–	–	–	7
Tynemouth	260	11	56	b	93.7	-07	30	26	–	–	–	0	–	–	–	–	6
Leuchars	280	18	80	lks	92.4	+01	30	23	5	–	3	1	1	20	–	–	7
Eskdalemuir	280	04	64	b	94.4	+00	28	27	–	–	–	0	–	–	–	–	7
Prestwick	310	16	60	b	96.2	+01	35	27	2	–	–	2	2	20	–	–	7
West Freugh	300	10	58	bc/ps	97.3	-01	25	24	2	–	–	3	3	20	–	–	5
Ronaldsway	310	19	62	jp	97.4	-07	35	27	9	–	–	7	7	18	–	–	7
Tiree	360	23	58	c/ps	97.9	+00	37	26	3	6	–	7	6	20	4	12	7
Benbecula	360	18	58	pso	98.2	+07	35	30	9	–	–	8	8	27	2	08	5
Stornoway	340	23	32	ps	96.7	+16	31	30	3	–	–	7	7	10	–	–	7
Cape Wrath	360	19	81	pso	93.4	+09	32	26	9	–	–	7	7	20	–	–	5
Sule Skerry	360	24	80	ss	91.3	+05	36	33	6	–	–	8	8	10	–	–	7
Renfrew	270	08	29	bc	95.2	-06	31	28	1	1	1	5	2	12	–	–	5
Dyce	310	18	63	b/ps	90.4	+01	30	27	9	–	–	2	2	10	–	–	5
Wick	310	12	82	c	89.9	+07	31	28	9	7	–	7	1	20	–	–	7
Lerwick	010	23	63	pso	85.4	+12	31	28	9	–	–	6	6	14	–	–	5
Blacksod Point	350	11	70	jp	05.2	+04	38	26	9	–	–	4	4	45	3	15	
Malin Head	360	13	44	ls,	01.0	+10	34	31	7	–	–	8	8	11	–	–	
Aldergrove	310	15	11	ps	99.8	-03	31	28	–	–	–	9	–	–	–	–	5
Castle Archdale	300	07	74	b	02.6	+08	30	29	9	–	–	2	2	18	–	–	7
Birr Castle	290	03	84	b	03.5	+07	28	26	5	–	–	1	1	37	–	–	
Collinstown	280	10	80	b	01.3	+05	29	20	5	–	–	1	1	35	–	–	
Rineanna	320	06	83	b	05.1	+07	26	26	2	–	–	1	1	25	–	–	
Valentia	050	04	83	b	05.9	+13	32	27	1	–	1	1	1	28	–	–	
Midleton	340	11	82	b	04.0	+18	30	24	–	–	–	0	–	–	–	–	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	bbcxc2o	cfrsoccirsom	38	5.0	0.2
London Airport	bxzoc	c2ocso cmo	37	*	0.1
Tangmere	bmo xc	ccprsrscscmo	40	5.4	2
Bournemouth (Hurn	bmo xcpro	c2cpkprobc	42	*	2
Boscombe Down	bc2o	cmocsomo	36	3.5	1
Felixstowe	b2o	c2csom	36	5.2	2
Gorleston	bmo xbc	bcxcmox	32	5.0	-
West Raynham	b2omcmoc	ciisomcmo	29	3.7	Tr
Mildenhall	bcmo	cisocsm	34	4.1	2
Cranfield	bcc	sosofmo	33	4.7	3
Elmdon	c2ocisozo	ssfcmF	31	1.5	4
Cottesmore	bmoc2o	cmossfF	30	1.7	1
Watnall	bmc2cmocm	cmcsosombmo	31	1.1	0.2
Ross-on-Wye	ccoso	ssomocb	36		2
Shawbury	cmozocssf	cssffsosoFbmo	29	0.0	3
Bristol	bcxc	csb	37	0.6	1
Plymouth	cmoxczo	cprHpro bmo	44	0.8	1
Chivenor	ccprsro	cproobc	40	2.2	2
St. Eval	cxccphoro	cirproobc	41	0.0	5
Culdrose	cjp	cprsobb	44	0.0	Tr
Scilly, St. Mary's	co	cbc	45	0.0	-
Guernsey	cmpre	crr	42	0.0	1
Aberporth	copsfcphc	cpsofbc	36	0.5	3
Pembroke Dock	ccrsbc	bccproofsb	41	0.9	2
Holyhead (Valley)	ccpsbc	bcphbc	37	3.3	0.6
Manchester	bccisofss	cfpsofb	29	0.0	0.5
Squires Gate	cpsomombczo	cpsozobbc	36	1.4	0.2
Silloth	cisomob	bbcb	33	4.3	Tr
Lindholme	bmc2cm	cmbcmobm	33	1.1	-
Spurn Head	bcmoc	bmo	32		-
Dishforth	cbc	bcbmo	34	2.9	-
Tynemouth	cbcmo	bcmoblmo	31	3.9	-
Leuchars	bbcks	bksb	33	3.1	-
Eskdalemuir	bcbbc	bcb	30	4.0	-
Prestwick	cpso	cpsob	36	2.8	0.2
West Freugh	cpsffpho	cpsobcb	36	1.4	1
Ronaldsway	cpsob	bbcpsobclb	36	4.5	Tr
Tiree	cpsophksoo	cpshphoprosoo	37	0.1	6
Benbecula	sscphphoo	cphoprsctcphoo	36	0.0	xx
Stornoway	cpstlks	cpstlplb	34	0.0	6
Cape Wrath	phs	pn	37	*	3
Sule Skerry			42	*	6
Renfrew	cpsf	bcmo	35	3.3	0.6
Dyce	bksps o	cpsolpso c	31	2.4	0.5
Wick	cpsH	cphps	33	0.3	13
Lerwick	cpso	cpsobc	31	0.0	0.5
Blacksod Point		s	39	3.5	2
Malin Head		s	38	0.3	4
Aldergrove	p	s	38	0.3	4
Castle Archdale	cps	cps	32	2.7	4
Birr Castle	cpsf	bc pso	34	5.4	0.3
Collinstown	s	b	32	5.5	Tr
Rineanna	p	b	26 32	4.8	3
Valentia	s	b	33	6.6	1
Midleton	p	b	41	5.3	0.6
	s	b	35	6.3	0.3

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med. †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	52°15′	20°0′	1008	+15	090	30	c	c	46	49	32	97	5	1	-	4	7	8
WEATHER OBSERVER	59°0′	18°36′	1011	+00	350	20	c/ps	p	34	48	17	98	3	-	-	7	7	11
CIRRUS	45°0′	15°54′	1002	+17	260	27	jp	p	57	56	55	60	9	-	-	7	7	19
POLAR FRONT	66°0′	01°42′	989	+10	040	38	ps	p	34	39	32	92	9	-	-	7	8	13
WEATHER EXPLORER	62°0′	32°42′	1019	-07	220	15	c	c	35	41	27	98	5	-	-	7	7	6½
US SHIP 'C'	52°48′	37°42′	991	-03	110	44	d	d	48	46	44	61	7	-	-	8	8	22½
US SHIP 'D'	44°0′	41°0′	983	+10	290	07	bc	bc	55	54	48	65	2	-	-	4	4	9½
ASSYRIA	50°18′	12°42′	1010	+00	050	28	c	c	46	53	39	98	8	-	-	8	8	11
JOURNALIST	43°12′	17°36′	1007	-10	220	30	c	c	60	59	58	95	6	4	2	4	6	11
ELYSIA	51°18′	11°30′	1003	+00	030	24	c	c	44	52	34	99	1	4	1	2	8	9½

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form Low †	Cloud Form Med. †	Cloud Form High †	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
US SHIP 'D'	44°0′	41°0′	986	+24	290	17	c/ps	p	54	56	46	63	2	-	-	8	8	8
LE VERRIER	52°12′	20°6′	1008	+03	060	28	jp	c	46	48	34	97	8	4	5	5	6	9½
CIRRUS	45°0′	16°6′	1002	+15	260	16	c	bc	57	56	55	60	9	4	1	6	6	13
ALSATIA	49°30′	22°36′	999	-30	230	24	d	d	50	57	50	60	7	-	-	8	8	X
US SHIP 'C'	52°48′	37°48′	990	+07	090	39	c	d	48	46	44	65	7	2	-	7	8	28½
POLAR FRONT	66°0′	02°0′E	991	+25	040	30	jp	p	37	45	30	99	9	6	-	5	7	13
WEATHER OBSERVER	59°0′	18°30′	1012	+04	340	17	c	p	35	48	24	98	5	-	-	6	6	11
WEATHER EXPLORER	62°0′	37°30′	1015	-11	240	17	c	c	36	41	23	98	5	-	-	8	8	5
CLEARPOOL	47°0′	27°0′	990	+00	170	16	c/pr	d	57	56	55	97	7	6	-	5	7	X
REGENT ROYAL	44°6′	26°18′	996	-10	290	24	b	r	60	62	56	97	8	9	-	1	2	17½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100s of feet; 56-80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Monday 17th January

1955

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◕ Sky 6/8 covered ◕ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

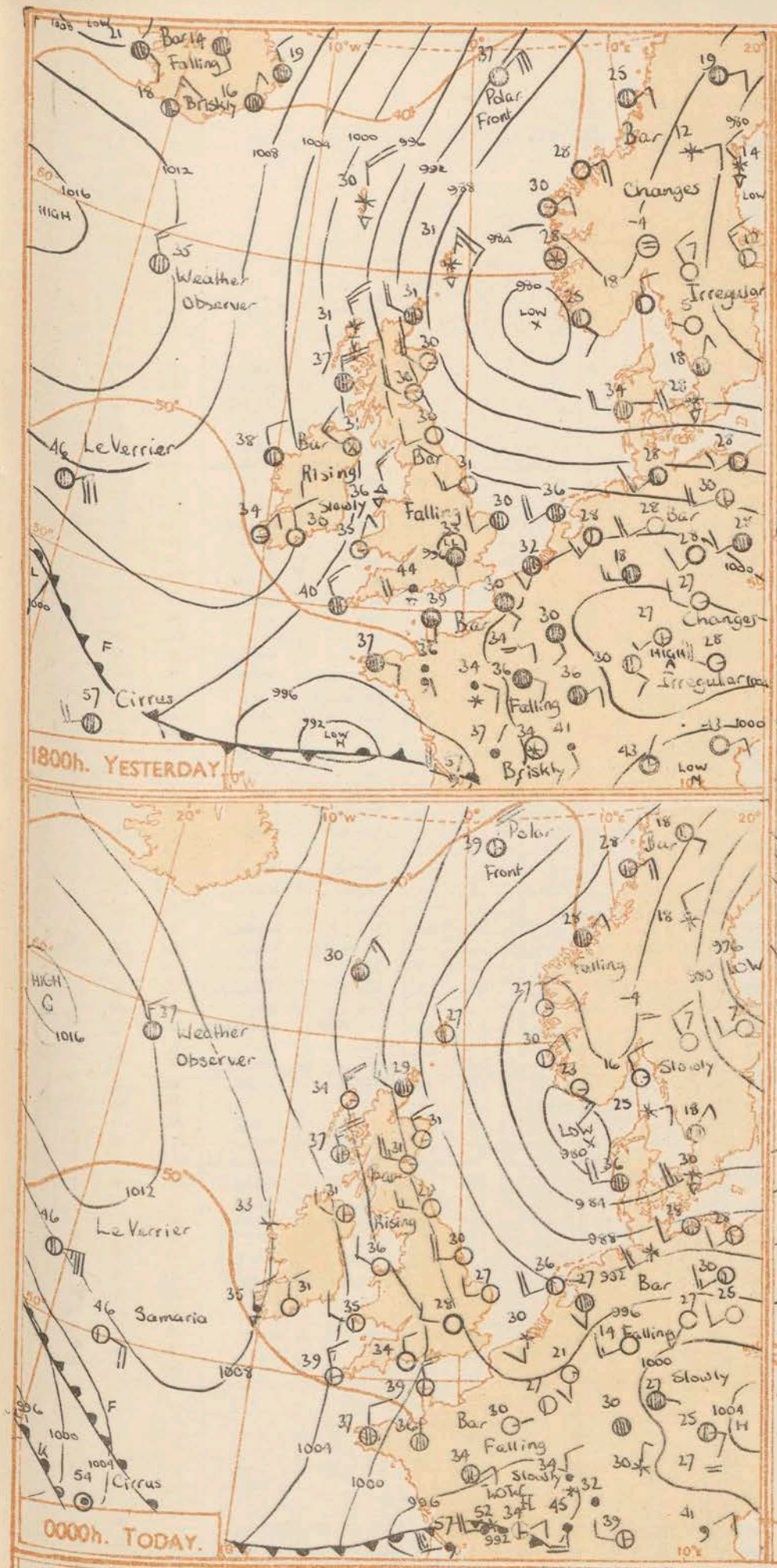
WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm ⊤ Thunder ≡ Fog = Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

The depression which was southwest of Ireland yesterday moved into central France and is expected to continue to move east. A shallow depression moved across Wales and Southern England and will also continue to move east. Another shallow depression over Iceland will probably move southeast to Scotland. A small anticyclone west of Ireland is expected to move in over England and Wales and intensify slightly.

Issued at mid-day. today Tuesday 18th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

A cold northwesterly airstream covers the British Isles. There will be fairly frequent showers of sleet or snow over North and west Scotland and Northern Ireland. More continuous snow will probably spread to Scotland tomorrow. Over England and Wales there will be isolated sleet or snow showers mainly in the west with long clear periods in the east. It will be cold in all areas with keen or hard frost tonight.

OUTLOOK FOR the following 24 hours:-

Continuing cold with snow at times.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 18th January, 1955.

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form: Low † (9)	Cloud: Form: † Medium (10)	Cloud: Form: High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer: Amt. 0–8 (13)	Cloud: Main layer: † Ht. (14)	Cloud: Lowest layer: Amt. 0–8 (15)	Cloud: Lowest layer: † Ht. (16)
Kew	18	*	*	*	*	*	*	30	*	*	*	*	*	*	*	*	*
London Airport	82	280	06	57	b	97.6	+12	28	26	-	-	-	0	-	-	-	-
Tangmere ...	53	360	14	58	b	97.9	+14	31	27	S	-	-	2	2	14	-	-
Bournemouth (Hurn	34	310	06	62	b	99.4	+18	28	25	-	-	-	0	-	-	-	-
Boscombe Down	414	010	04	60	b	00.2	+20	25	23	-	-	-	0	-	-	-	-
Felixstowe ...	10	340	11	48	b	96.2	-06	30	28	-	-	-	0	-	-	-	-
Gorleston ...	5	270	08	58	b	95.0	-10	27	23	-	-	-	0	-	-	-	-
West Raynham	250	280	08	40	b	94.9	-09	21	15	-	-	-	0	-	-	-	-
Mildenhall ...	15	290	08	04	b f-	95.9	-05	28	22	-	-	-	0	-	-	-	-
Cranfield ...	340	270	07	11	c/f	97.6	+04	22	21	6	-	-	8	8	03	-	-
Elmdon ...	324	240	04	19	c,	97.9	+03	26	26	5	-	-	6	6	19	-	-
Cottesmore ...	440	270	10	16	b/f	97.8	+02	23	22	-	-	-	0	-	-	-	-
Watnall ...	366	270	07	32	b	97.0	+01	28	22	-	-	-	0	-	-	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	270	10	58	b	98.7	+02	17	17	2	3	-	1	1	20	-	-
Bristol	192	290	02	58	b	00.3	+12	27	23	-	-	-	0	-	-	-	-
Plymouth ...	90	-	0	66	b	02.2	+22	32	28	-	-	-	0	-	-	-	-
Chivenor ...	20	340	11	82	b	01.3	+10	36	27	5	-	-	1	1	28	-	-
St. Eval... ...	336	350	13	74	bc	02.4	+05	37	29	5	-	-	5	5	36	-	-
Culdrose ...	260	350	14	83	b	03.8	+24	36	29	5	-	-					
Scilly, St. Mary's	158	350	15	83	bc	03.3	+20	39	28	8	-	-	3	3	16	-	-
Guernsey ...	340	350	18	81	bc	99.3	+15	37	29	5	-	-	3	3	20	-	-
Aberporth ...	375	310	17	80	bc	01.7	+14	35	28	2	-	-	3	3	20	-	-
Pembroke Dock	34	310	11	74	b	02.3	+15	35	29	5	-	-	2	2	25	-	-
Holyhead (Valley)	32	310	11	66	b	99.7	+11	36	28	-	-	-	0	-	-	-	-
Manchester ...	248	260	07	32	ps	96.8	-01	28	27	8	-	-	6	5	40	4	22
Squires Gate ...	33	310	15	62	b/pr	96.8	00	37	28	2	-	-	4	4	25	-	-
Silloth	25	280	08	66	b	96.9	+09	32	26	5	-	-	1	1	30	-	-
Lindholme ...	21	280	12	28	b	94.9	-07	27	25	-	-	-	0	-	-	-	-
Spurn Head ...	29	270	19	32	b	94.7	-06	30	27	-	-	-	0	-	-	-	-
Dishforth ...	105	290	18	66	b	94.2	-07	30	28	-	4	-	1	-	-	1	58
Tynemouth ...	108	270	13	61	b	93.6	-04	29	25	-	-	-	0	-	-	-	-
Leuchars ...	36	290	24	74	ks	92.9	+02	31	26	-	-	1	1	-	-	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	340	16	62	b	97.0	+10	35	29	1	-	-	1	1	18	-	-
West Freugh ...	50	310	18	62	b	98.0	+07	35	25	2	-	-	1	1	20	-	-
Ronaldsway ...	55	300	18	80	b	98.9	+10	35	28	2	-	-	1	1	20	-	-
Tiree	29	350	23	66	b/ph	00.6	+06	37	28	9	6	-	5	3	18	-	-
Benbecula ...	18	350	28	69	b/ph	00.9	+13	35	29	9	-	-	3	3	27	-	-
Stornoway ...	10	340	25	66	b/ph	98.9	+20	34	30	3	-	-	1	1	25	-	-
Cape Wrath ...	367	050	24	80	prs	94.1	+07	35	32	3	-	-	7	7	20	-	-
Sule Skerry ...	43	360	24	80	ss	93.9	+24	35	29	6	-	-	8	8	10	-	-
Renfrew ...	28	310	11	60	c	96.6	+12	34	29	5	-	-	7	7	31	-	-
Dyce	185	330	15	82	b	91.6	+13	31	27	9	-	-	1	1	12	-	-
Wick	119	300	15	82	jp	92.0	+18	29	26	3	-	-	8	8	15	-	-
Lerwick ...	269	340	11	66	bc/ps	88.6	+12	27	25	9	-	-	4	4	15	-	-
Blacksod Point	18	360	02	59	is	07.7	+20	33	32	9	-	-	8	8	11	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	280	10	66	bc/ps	01.5	+03	31	29	9	-	-	3	3	15	-	-
Castle Archdale	225	-	0	19	ps	04.6	+10	32	31	9	-	-	8	8	09	-	-
Birr Castle ...	231	280	05	82	b	06.2	+13	24	23	-	-	-	0	-	-	-	-
Collinstown ...	226	270	16	80	b	03.5	+09	25	22	-	-	-	0	-	-	-	-
Rineanna ...	10	340	07	80	b	07.3	+06	25	23	9	-	-	1	1	25	-	-
Valentia ...	30	350	06	75	prs	08.4	+13	35	30	3	-	-	7	7	27	-	-
Midleton ...	30	360	12	82	b	06.3	+03	31	26	-	-	-	0	-	-	-	-

OBSERVATIONS at 06 h. G.M.T. 18th January, 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low † (25)	Cloud: Form: † Medium (26)	Cloud: Form: High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer: Amt. 0–8 (29)	Cloud: Main layer: † Ht. (30)	Cloud: Lowest layer: Amt. 0–8 (31)	Cloud: Lowest layer: † Ht. (32)	09h. State of † ground (33)
Kew	270	12	64	b	99.7	+10	30	24	-	-	-	0	-	-	-	-	5
London Airport	270	09	80	b	99.7	+11	28	24	-	-	-	0	-	-	-	-	3
Tangmere ...	290	10	48	b	01.3	+20	29	24	-	-	-	0	-	-	-	-	3
Bournemouth (Hurn	320	10	60	b	02.6	+24	31	26	-	-	-	0	-	-	-	-	3
Boscombe Down	330	09	60	b	02.7	+17	27	24	-	-	-	0	-	-	-	-	6
Felixstowe ...	290	14	57	b	96.4	+03	26	23	-	-	-	0	-	-	-	-	7
Gorleston ...	290	12	40	b	94.7	+03	27	23	-	-	-	0	-	-	-	-	6
West Raynham	300	14	66	KS	95.4	+09	26	21	-	-	-	0	-	-	-	-	7
Mildenhall ...	290	12	19	b	97.0	+09	28	27	-	-	-	0	-	-	-	-	9
Cranfield ...	260	05	50	b	99.1	+13	26	24	-	-	-	0	-	-	-	-	7
Elmdon ...	280	14	56	b	99.5	+16	31	27	5	-	-	1	1	25	-	-	9
Cottesmore ...	290	09	66	b	98.6	+11	28	26	-	-	-	0	-	-	-	-	7
Watnall ...	280	14	63	b	97.9	+12	31	28	-	-	-	0	-	-	-	-	7
Ross-on-Wye ...	290	09	77	b	01.2	+10	33	27	-	-	-	0	-	-	-	-	7
Shawbury ...	290	11	74	bc	00.6	+16	32	28	2	6	-	4	2	25	-	-	7
Bristol	270	02	66	b	02.5	+14	31	28	5	-	-	1	1	25	-	-	7
Plymouth ...	310	12	66	b	05.7	+21	35	27	-	-	-	0	-	-	-	-	3
Chivenor ...	320	18	82	b	05.2	+17	36	30	5	-	-	1	1	35	-	-	3
St. Eval... ...	330	14	81	bc	06.4	+17	37	31	2	-	-	3	3	15	-	-	1
Culdrose ...	340	10	83	b	07.6	+19	34	28	1	-	-	1	1	18	-	-	8
Scilly, St. Mary's	330	09	82	b	07.1	+17	39	24	8	-	-	2	2	16	-	-	1
Guernsey ...	320	18	81	bc	04.7	+24	37	29	2	-	-	5	5	20	-	-	2
Aberporth ...	330	19	80	c	04.5	+18	36	30	2	-	-	7	7	20	-	-	5
Pembroke Dock	320	12	74	b	05.2	+16	36	29	-	-	-	0	-	-	-	-	3
Holyhead (Valley)	310	15	74	bc	02.5	+17	37	31	2	-	-	5	5	25	-	-	5
Manchester ...	290	06	58	b	99.2	+17	30	26	5	-	-	2	2	25	-	-	9
Squires Gate ...	340	20	62	b	98.9	+09	38	30	2	-	-	2	2	25	-	-	6
Silloth	330	12	74	b	98.8	+10	34	28	-	3	-	1	-	-	1	sy	7
Lindholme ...	280	15	40	b	96.5	+15	30	28	-	-	-	0	-	-	-	-	7
Spurn Head ...	300	28	66	b	94.3	+04	31	28	-	-	-	0	-	-	-	-	5
Dishforth ...	290	14	74	b	96.8	+20	29	23	-	-	-	0	-	-	-	-	7
Tynemouth ...	270	14	66	b	95.9	+16	30	27	-	-	-	0	-	-	-	-	6
Leuchars ...	300	20	74	ps	95.7	+15	32	26	2	6	2	4	3	20	-	-	7
Eskdalemuir ...	340	13	66	bc	97.6	+25	31	30	5	-	-	3	3	18	-	-	7
Prestwick ...	310	21	62	b	99.4	+16	37	27	2	-	-	1	1	20	-	-	7
West Freugh ...	310	23	66	b	01.0	+20	37	26	5	-	-	1	1	25	-	-	9
Ronaldsway ...	310	23	82	b	01.4	+16	37	31	2	-	-	1	1	16	-	-	6
Tiree	330	19	79	b	02.5	+06	36	25	3	-	-	2	2	20	-	-	7
Benbecula ...	340	18	81	b	02.3	+06	35	33	3	-	-	1	1	20	-	-	9
Stornoway ...	350	15	66	b/ps	00.9	+03	32	27	3	-	-	1	1	20	-	-	7
Cape Wrath ...	050	19	82	bc	96.4	+00	36	33	9	-	-	4	4	25	-	-	6
Sule Skerry ...	360	24	82	is	95.7	+12	39	24	8	-	-	4	4	10	-	-	5
Renfrew ...	270	08	57	b	99.0	+16	35	27	5	-	-	1	1	40	-	-	9
Dyce	310	18	56	s.o/thr	94.0	+16	32	31	9	-	-	8	7	28	5	10	9
Wick	330	20	66	c/ph	94.0	+15	35	30	3	-	-	8	8	15	-	-	7
Lerwick ...	330	17	82	c/ps	89.3	+00	32	26	9	-	-	8	8	21	-	-	9
Blacksod Point	050	04	70	jp	08.2	+05	36	32	9	-	-	1	1	15	-	-	7
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6
Aldergrove ...	290	05	23	ps	04.5	+15	32	29	9	-	-	8	8	16	-	-	9
Castle Archdale	300	08	66	b	06.0	+07	30	29	5	-	-	1	1	20	-	-	7
Birr Castle ...	210	03	74	b	08.4	+08	28	21	-	-	-	0	-	-	-	-	6
Collinstown ...	280	12	82	b	06.3	+17	24	22	-	-	-	0	-	-	-	-	6
Rineanna ...	290	04	80	b	09.7	+15	20	20	-	-	-	0	-	-	-	-	7
Valentia ...	070	02	82	b	10.0	+09	27	25	5	-	-	1	1	45	-	-	3
Midleton ...	290	05	82	b	08.8	+14	25	23	-	-	-	0	-	-	-	-	3

OBSERVATIONS during NIGHT

Stations	Weather: 21h.–03h. (20)	Weather: 03h.– 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	cir.s.o.mbx	bb=o x	28	17	TR
London Airport	cm.bm.ox	bx	26	21	-
Tangmere ...	cm.bm.ox	bm.ox	26	22	-
Bournemouth (Hurn	bc bx	bm.ox bx	26	17	-
Boscombe Down	cm.bm.ox	bm.xbx	24	16	TR
Felixstowe ...	cs.s.mbm.	bm.	25	20	1
Gorleston ...	om.xbm.ox	bcm.ox	24	22	-
West Raynham	cm.bz.m.	bm.ksbb	20	19	-
Mildenhall ...	bF bm.	bm	21	17	-
Cranfield ...	cmfm	bcm.b	16	12	-
Elmdon ...	fbcm.	bm.cm	20	12	-
Cottesmore ...	Fbm.	bm.b	22	21	-
Watnall ...	bm.	b	21	19	-
Ross-on-Wye ...	bb	bb	20	12	-
Shawbury ...	bm.b	bc.prs.	15	11	TR
Bristol	bbx	bx	26	18	-
Plymouth ...	bx	bx	31	23	-
Chivenor ...	bbx	bx bcx	32	28	-
St. Eval... ...	bcx bc.ps.b	bx bcx	43	30	TR
Culdrose ...	bbc.ph.b	bp.b	31	23	TR
Scilly, St. Mary's	bc	bcb	38	*	-
Guernsey ...	crr bc	bc	36	31	1
Aberporth ...	bc.ph.m.	cp.s.bc	32	26	0.8
Pembroke Dock	bx	bx	34	27	-
Holyhead (Valley)	bc bc.ps.	bc	32	31	TR
Manchester ...	bm.ps. c bc	bc b	20 28	21	1
Squires Gate ...	bc.ph. b	bb z.	36	30	TR
Silloth	b	b	26	19	-
Lindholme ...	bm bm.	bm. bz.	25	15	-
Spurn Head ...	bm. b	bbc	29	17	-
Dishforth ...	bm. b	b	26	21	-
Tynemouth ...	bc	bc m.	27	23	-
Leuchars ...	bc.ps. ks	bb.ps.	30	28	TR
Eskdalemuir ...	bbc	bcb	26	19	-
Prestwick ...	bbc	bc bb y bc	34	26	-
West Freugh ...	b	bcb	33	25	-
Ronaldsway ...	bcc ph. b	bc ph. b c j.p	35	29	TR
Tiree	c bc p f. s o h.	b j.p c	33	31	0.6
Benbecula ...	c ph. p f. s ap h.	b k s ph. j.p	32	28	**
Stornoway ...	bp s ph	bp s ph	30	14	2
Cape Wrath ...	ps	c	33	30	0.5
Sule Skerry ...	*	*	33	29	6
Renfrew ...	bc ps.	bc m.	27	18	TR
Dyce	ep s o b	ep s; k s t l s h	29	23	3
Wick	ep s.	ep s h c	29	31	6
Lerwick ...	ep s. c	ep s.	27	23	1
Blacksod Point	s	p	31	25	2
Malin Head ...	*	*	32		4
Aldergrove ...	cpsb	bccpsb	25	23	2
Castle Archdale	cpw.m.ph f	bcpsom	29	18	3
Birr Castle ...	s	f	20	12	TR
Collinstown ...	b	b	22	19	TR
Rineanna ...	b	b	13	8	TR
Valentia ...	p	p	26	24	0.1
Midleton ...	b	b	24	13	TR

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 18′	1011	-05	350	15	c	p	37	48	24	98	5	-	-	8	8	6½
LE VERRIER	52° 12′	20° 24′	1009	+05	090	34	bc	c	46	47	37	97	8	-	-	3	4	9½
CIRRUS	45° 6′	16° 0′	1002	-00	-	0	is	c	54	55	54	20	7	2	-	8	8	9½
POLAR FRONT	66° 0′	01° 30′E	992	00	360	18	bc	bc	39	42	28	99	9	6	-	2	3	9½
WEATHER EXPLORER	56° 30′	50° 30′	999	+08	050	22	fo	r	40	36	37	61	-	2	-	8	8	3
U.S. SHIP "C"	52° 48′	37° 24′	990	-15	090	38	id.	c	46	46	44	61	7	-	-	8	8	22½
U.S. SHIP "D"	44° 0′	41° 0′	988	+12	200	12	b	p	54	57	46	65	-	-	-	-	0	8
HURUNUI	45° 54′	14° 36′	1005	00	110	16	fo.	c	51	54	47	98	7	-	-	8	8	5
SAMARIA	50° 24′	17° 6′	1008	+04	100	21	b	b	46	52	34	99	-	-	-	2	2	-
CAIRNESK	58° 0′	09° 18′	1002	+30	320	26	bc	bc	37	48	37	98	4	-	-	4	4	-

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 48′	1008	-14	300	15	bc/ps	p	37	48	34	98	3	-	-	5	5	5
LE VERRIER	52° 12′	20° 36′	1006	-26	100	36	bc	b	48	49	39	97	8	-	-	3	4	9½
CIRRUS	45° 6′	16° 12′	1002	+08	250	19	b	p	57	56	55	60	9	-	-	2	2	6½
POLAR FRONT	66° 0′	01° 42′E	990	-14	330	22	c	c	34	39	14	99	9	-	-	8	8	8
WEATHER EXPLORER	61° 42′	31° 48′	1011	-20	230	16	ps.	p	38	41	28	97	8	-	-	8	8	5
WEATHER WATCHER	63° 42′	24° 48′	1005	+07	350	09	c	p	28	43	23	89	8	-	-	7	7	9½
JOHN HOLT	45° 6′	09° 24′	1007	-02	040	13	c/f	c	51	54	44	97	6	-	-	8	8	5
EMPRESS OF AUSTRALIA	50° 30′	28° 54′	986	-19	090	40	ir.	p	51	52	51	96	6	-	-	8	8	30½
BRITANNIC	43° 36′	26° 24′	998	-02	200	18	b/pr	bc	60	60	58	97	-	-	-	1	2	-
CAIRNESK	57° 42′	11° 0′	1003	-08	330	26	ph	s	37	52	37	97	3	-	-	4	4	-

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* Information not usually received.

† Code figure (see Introduction)

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

No. 3 4 0 26

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Wednesday 19th January 1955

OBSERVATIONS at 12h. G.M.T. 18th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer † Ht. (16)
Kew	270	12	56	b	06·0	+2)	37	27	1	-	-	2	2	20	-	-
London Airport	270	09	66	bc	06·5	+27	31	29	5	-	-	3	3	30	-	-
Tangmere	280	10	57	b	07 8	+27	39	29	5	-	-	2	2	45	-	-
Bournemouth (Hurn	260	09	66	b	08·7	+26	34	33	-	-	-	0	-	-	-	-
Boscombe Down	310	14	63	b	08·3	+20	37	29	-	-	-	0	-	-	-	-
Felixstowe	310	25	56	b	03·5	+33	35	26	-	-	-	0	-	-	-	-
Gorleston	320	15	58	c	00·8	+31	34	28	5	7	-	6	6	58	3	25
West Raynham	280	19	66	bc	01·9	+36	34	29	5	-	-	3	3	40	-	-
Mildenhall	310	13	58	b	03·3	+27	35	27	-	-	-	0	-	-	-	-
Cranfield	270	08	58	b	05·4	+29	34	28	-	-	-	0	-	-	-	-
Elmdon	270	15	19	b	05·7	+22	36	28	1	-	-	1	1	17	-	-
Cottesmore	270	14	59	b	04·4	+27	35	26	-	-	-	0	-	-	-	-
Watnall	290	08	40	b	04·8	+29	36	27	-	-	-	0	-	-	-	-
Ross-on-Wye	280	10	81	b	06·6	+15	39	27	1	-	-	1	1	30	-	-
Shawbury	300	15	74	b|p8	06·7	+21	36	31	9	-	3	2	2	20	-	-
Bristol	270	10	58	b	08·5	+23	37	31	-	-	-	0	-	-	-	-
Plymouth	330	13	56	b	10·7	+22	41	29	1	-	-	1	1	20	-	-
Chivenor	310	12	82	bc	10·6	+20	42	32	1	-	-	2	2	20	-	-
St. Eval	310	10	83	b	11·1	+15	42	32	1	-	-	1	1	18	-	-
Culdrose	310	10	83	b	12·1	+18	41	30	2	-	5	2	1	20	-	-
Scilly, St. Mary's	360	03	85	bc	11·6	+25	42	25	1	-	5	3	4	16	-	-
Guernsey	320	14	85	b	11·0	+19	42	34	1	-	-	2	2	20	-	-
Aberporth	310	13	89	bc	09·4	+22	39	31	2	-	-	5	5	15	-	-
Pembroke Dock	310	09	81	b	10·5	+22	39	32	2	-	-	1	1	20	-	-
Holyhead (Valley)	320	15	82	bc	07·7	+19	39	32	1	4	-	3	3	20	-	-
Manchester	300	18	57	bc	05·0	+22	36	27	8	-	-	3	3	35	1	25
Squires Gate	320	21	58	bc|ph	05·2	+25	39	32	8	-	-	5	5	40	2	20
Silloth	270	11	66	c	04·2	+16	36	25	2	3	8	6	1	20	-	-
Lindholme	290	19	40	b	02·7	+26	35	26	-	4	-	1	-	-	1	64
Spurn Head	290	26	58	bc	00·9	+36	35	32	3	-	-	3	3	20	-	-
Dishforth	290	18	81	b	02·3	+26	35	26	9	-	3	1	1	25	-	-
Tynemouth	290	15	32	bc	01·0	+18	34	29	2	4	6	5	1	35	-	-
Leuchars	290	13	80	c	00·9	+14	34	24	1	7	6	7	1	20	-	-
Eskdalemuir	350	02	66	bc	02·9	+23	32	31	6	3	1	5	1	15	-	-
Prestwick	350	05	74	c	04·2	+13	38	26	2	4	2	7	3	20	-	-
West Freugh	290	08	66	bc|pl	05·2	+17	34	31	9	6	3	5	2	18	-	-
Ronaldsway	300	14	86	bc	06·6	+19	38	31	2	-	1	5	4	18	-	-
Tiree	310	10	66	bc	04·5	-01	33	28	9	6	3	3	1	15	-	-
Benbecula	260	05	81	jp	03·3	-03	33	29	3	6	1	3	2	20	-	-
Stornoway	240	10	74	jp	01·8	-16	30	28	8	-	-	7	7	25	4	16
Cape Wrath	050	13	82	c	98·7	+01	34	22	8	-	-	6	6	20	-	-
Sule Skerry	360	19	82	c	98·4	+15	35	29	3	-	-	8	8	10	-	-
Renfrew	270	10	48	c	03·6	+19	34	33	5	4	7	6	1	20	-	-
Dyce	310	19	74	ks	98·4	+13	31	25	9	6	2	6	1	18	-	-
Wick	310	19	82	c|ph	98·2	+09	30	24	9	3	1	6	2	15	-	-
Lerwick	350	20	03	ps	93·0	+11	31	30	9	-	-	8	8	11	-	-
Blacksod Point	180	02	80	c|ps	10·4	+08	37	34	9	-	-	7	3	15	-	-
Malin Head	320	09	68	ph	06·7	+07	34	31	9	-	-	7	7	21	-	-
Aldergrove	270	12	82	jp	07·4	+11	31	29	9	3	2	5	1	14	-	-
Castle Archdale	280	08	48	ps	09·3	+06	33	29	9	-	-	7	7	11	2	05
Birr Castle	220	03	83	b	11·0	+04	33	27	-	-	-	0	-	-	-	-
Collinstown	270	14	69	b	09·8	+11	28	26	6	-	1	1	1	10	-	-
Rineanna	130	04	86	jf	12·1	+06	30	28	2	-	-	1	1	18	-	-
Valentia	040	02	86	b	12·3	+09	34	29	2	3	-	1	1	26	-	-
Midleton	330	03	82	b	12·0	+10	37	32	-	-	-	0	-	-	-	-

OBSERVATIONS at 18h. G.M.T. 18th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	270	09	20	b	09·9	+15	36	28	-	-	-	0	-	-	-	-	3
London Airport	270	08	40	b	09·7	+16	34	28	-	-	-	0	-	-	-	-	3
Tangmere	320	02	48	b	10·8	+13	33	29	-	-	-	0	-	-	-	-	3
Bournemouth (Hurn	260	08	48	b	11·1	+08	31	27	-	-	-	0	-	-	-	-	1
Boscombe Down	300	05	63	b	11·1	+08	32	29	-	-	-	0	-	-	-	-	5
Felixstowe	260	12	57	b	07·7	+19	35	28	-	-	-	0	-	-	-	-	6
Gorleston	280	10	56	b	05·7	+20	34	26	-	-	-	0	-	-	-	-	5
West Raynham	270	13	58	bc	05·9	+16	31	30	-	3	-	3	-	-	3	63	7
Mildenhall	300	13	61	b	07·4	+21	33	29	-	-	1	1	-	-	1	20	9
Cranfield	260	07	40	b	09·1	+19	29	25	-	-	-	0	-	-	-	-	9
Elmdon	250	08	08	b	08·9	+04	31	27	-	-	-	0	-	-	-	-	7
Cottesmore	270	15	48	b	08·0	+15	31	28	-	-	-	0	-	-	-	-	7
Watnall	250	09	28	b	08·0	+13	31	28	-	-	-	0	-	-	-	-	7
Ross-on-Wye	230	08	77	b	09·8	+09	33	26	5	-	-	1	1	30	-	-	6
Shawbury	290	11	74	b	09·0	+10	28	25	-	-	-	0	-	-	-	-	7
Bristol	250	02	19	b	10·9	+09	32	29	-	-	-	0	-	-	-	-	5
Plymouth	-	0	10	b	12·1	+06	37	29	4	-	-	1	1	25	-	-	3
Chivenor	350	01	74	b	11·5	+01	34	28	1	-	1	2	2	20	-	-	3
St. Eval	160	07	83	bc	11·9	+02	37	30	4	-	5	3	3	20	-	-	3
Culdrose	360	01	20	b	12·5	00	36	28	5	-	-	1	1	30	-	-	5
Scilly, St. Mary's	-	0	82	bc	10·7	-06	37	29	8	-	-	3	3	16	-	-	1
Guernsey	-	0	80	do do	12·8	+05	39	31	2	-	1	3	3	25	-	-	4
Aberporth	300	13	86	b	10·3	+02	36	24	2	-	-	2	2	18	-	-	3
Pembroke Dock	-	0	74	b	11·0	-01	35	31	1	-	-	1	1	20	-	-	3
Holyhead (Valley)	300	01	82	b	08·7	+01	35	30	1	-	-	1	1	20	-	-	3
Manchester	290	11	23	ps	07·3	+10	32	29	3	6	-	3	3	20	-	-	9
Squires Gate	300	16	60	bc	06·8	+06	38	29	2	-	-	3	3	22	-	-	5
Silloth	250	10	66	b	05·9	+13	34	28	5	-	1	1	1	30	-	-	7
Lindholme	270	15	50	b	06·1	+14	33	32	-	-	-	0	-	-	-	-	7
Spurn Head	290	24	32	b	05·1	+17	34	31	5	-	-	2	2	25	-	-	5
Dishforth	290	10	74	b	05·2	+12	30	24	-	-	2	1	-	-	1	70	7
Tynemouth	270	10	48	bc	03·9	+12	31	28	-	4	-	3	-	-	3	58	6
Leuchars	270	11	74	c	02·1	+09	27	20	-	4	2	6	-	-	2	62	7
Eskdalemuir	350	07	66	b	05·0	+05	26	21	-	-	-	0	-	-	-	-	7
Prestwick	250	16	63	bc	04·2	+01	36	27	8	6	1	5	2	15	-	-	7
West Freugh	260	16	62	b	06·0	+02	35	31	5	-	1	2	2	15	-	-	7
Ronaldsway	280	12	86	bc	07·3	+04	37	29	2	-	-	5	5	20	-	-	5
Tiree	290	17	82	c	02·8	-10	39	28	2	-	6	6	3	18	-	-	7
Benbecula	270	24	66	c|ps	00·2	-14	36	34	3	6	-	6	5	20	1	10	7
Stornoway	250	20	62	b|ps	97·0	-28	35	33	3	-	-	2	2	20	-	-	7
Cape Wrath	340	05	F4	ss	97·1	-15	31	29	-	-	-	9	-	-	-	-	9
Sule Skerry	360	05	82	is	96·7	-10	34	25	6	-	-	8	8	10	-	-	6
Renfrew	210	03	37	b	04·1	+03	31	29	4	-	5	2	2	30	-	-	9
Dyce	260	08	74	bc	00·3	+09	27	24	5	6	8	4	2	45	-	-	9
Wick	260	06	07	is	97·8	-05	29	28	-	-	-	9	-	-	-	-	7
Lerwick	330	18	58	ks	94·1	+07	30	27	9	-	-	6	6	11	-	-	9
Blacksod Point	-	0	70	jp	09·7	-04	36	32	9	-	-	7	3	15	-	-	
Malin Head	320	09	58	bc	05·6	-03	38	35	2	-	-	5	5	21	-	-	
Aldergrove	200	10	68	c	07·7	+02	30	25	6	-	-	7	7	07	3	18	8
Castle Archdale	240	10	66	c|ps	08·2	-01	33	30	3	-	-	7	7	18	-	-	7
Birr Castle	210	03	83	b	10·0	-04	29	26	5	-	-	1	1	48	-	-	
Collinstown	250	08	66	b	09·5	-04	29	26	5	3	-	1	1	40	-	-	
Rineanna	140	06	74	jf	10·8	-06	32	31	2	-	2	2	1	20	-	-	
Valentia	120	09	83	bc	10·2	-05	34	28	8	-	2	4	1	28	-	-	
Midleton	-	0	59	b	10·6	-04	26	23	5	-	-	1	1	35	-	-	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	b2o xb2o	b2o x mo x	39	6·8	Tr
London Airport	bcb	b2o mo x	39	*	-
Tangmere	bmo x	bmo x	40	7·8	-
Bournemouth (Hurn	bxb	bbmx	40	*	-
Boscombe Down	bxb	bbx	38	7·3	-
Felixstowe	bmo	b2o	37	6·3	-
Gorleston	bmo xcmo	bmo bmox	37	6·1	-
West Raynham	bbcbbmo	bbcbmo	35	6·5	-
Mildenhall	bmo 2o	b2o mo	36	5·7	-
Cranfield	b2o	bbmo	36	5·5	-
Elmdon	b2o c2o bm	bmb f b2	37	4·0	-
Cottesmore	bbmo	b2o	36	5·2	-
Watnall	bmo b2o	b2o bmo	37	5·5	-
Ross-on-Wye	bb	bb	40	7·3	-
Shawbury	cpso psmob	b	36	5·2	0·1
Bristol	b	bbx	39	7·1	-
Plymouth	bxb 2obq	bb 2bmo x	43	6·5	-
Chivenor	bxb	bcbmx	43	6·5	-
St. Eval	bcxbcb	bbcbx	42	6·1	Tr
Culdrose	bbc	bc2bx	42	7·1	-
Scilly, St. Mary's	bbc	bcbbc	46	5·4	-
Guernsey	bcbbc	bcc pso b	43	6·8	0·2
Aberporth	cbcpho	bcbx	39	3·9	Tr
Pembroke Dock	bxb	bbx	40	7·0	-
Holyhead (Valley)	bc	bcb	40	6·4	-
Manchester	bbcpho	bccps ps ps	38	4·2	1
Squires Gate	bz bc pho b	bbc jp mo b	40	6·1	0·1
Silloth	bcy c	bcb	37	2·3	-
Lindholme	bz	bmo	36	6·2	-
Spurn Head	bcb	b	36	6·3	-
Dishforth	b bcb	b	36	7·2	-
Tynemouth	bcmo	bcmo bmo	34	5·4	-
Leuchars	cbc	bbc	34	3·2	-
Eskdalemuir	bcb	b	32	5·9	-
Prestwick	cpho bcc	cbccbcb	38	2·9	Tr
West Freugh	cpso pho	cpso bcb	37	2·1	-
Ronaldsway	bcjp bcb	bcbbc	38	6·0	-
Tiree	bccps	cpso bccb	39	2·6	2
Benbecula	cpsc	cpho ro so bc	40	1·8	4
Stornoway	bccpso	cpss pr so b	36	1·4	3
Cape Wrath	cpso	ss	35	*	11
Sule Skerry			36	*	0·3
Renfrew	cmo	bcbmo	37	4·3	-
Dyce	cpsoks obc	bbcc	33	3·6	0·1
Wick	cphops	cpsks ossf	33	1·7	8
Lerwick	cpso soc	cks psob	32	0·0	1
Blacksod Point	p	bc	40	1·6	2
Malin Head	p	p	39	2·1	1
Aldergrove	bx cbc	pbcb	35	5·8	Tr
Castle Archdale	cpso mo	cpso	34	3·6	1
Birr Castle	b	b	36	6·5	Tr
Collinstown	f	b	33	4·3	Tr
Rineanna	f	b	37	4·3	Tr
Valentia	b	bc	43	5·4	Tr
Midleton	b	b	42	6·7	Tr

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LEVERRIER	52°6′	20°30′	1013	-15	100	44	c	p	50	51	37	97	5	5	-	5	7	14
WEATHER OBSERVER	59°0′	19°0′	1006	-12	290	24	jp	p	41	48	34	98	9	-	-	4	5	8
CIRRUS	45°6′	16°12′	1003	+01	210	15	if	bc	57	57	55	58	7	2	-	7	8	6½
POLAR FRONT	65°48′	01°12′	989	-07	030	08	ps	c	34	39	30	97	9	6	-	7	7	5
WEATHER EXPLORER	61°30′	30°54′	1008	-14	290	09	c	c	38	41	28	98	8	-	-	8	8	1
U.S. SHIP "C"	52°48′	36°36′	989	+29	090	37	do do	d	47	48	44	58	7	2	-	7	8	22½
U.S. SHIP "D"	44°0′	41°0′	993	+36	270	26	c	p	56	58	47	65	2	3	-	5	6	13
TWICKENHAM.	48°12′	05°36′	1012	+25	310	02	bc	b	45	53	25	99	2	-	4	3	4	9
WEATHER WATCHER	63°18′	26°36′	1005	-05	250	02	bc	c	30	43	27	98	5	1	-	3	5	5
JOHN HOLT	44°12′	10°0′	1006	00	110	18	do do	d	53	55	53	96	7	-	-	8	8	9½

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
POLAR FRONT	65°54′	01°48′	988	00	340	30	ps	p	30	36	27	97	9	-	-	8	8	8
U.S. SHIP "C"	52°48′	36°24′	989	+02	090	28	fo	c	47	47	45	63	7	2	-	7	8	19
U.S. SHIP "D"	44°0′	41°0′	996	+07	270	28	c	c	56	58	45	65	4	-	-	6	6	14
WEATHER EXPLORER	61°18′	30°6′	1003	-23	200	15	pf	p	36	42	33	96	8	1	-	6	8	6½
LEVERRIER	51°54′	20°12′	996	-35	110	48	fo	c	48	55	46	97	7	-	-	5	8	22½
WEATHER OBSERVER	59°00′	19°06′	1005	00	310	11	jp	p	40	47	32	98	3	6	-	2	3	6½
CIRRUS	45°0′	16°6′	1000	-12	230	13	bc	c	57	58	55	60	5	-	1	5	5	11
REGENT ROYAL	42°12′	29°24′	1002	+20	320	28	jp	bc	61	62	55	97	3	-	8	3	4	16
CLEARPOOL	47°54′	22°0′	989	-06	240	13	bc	bc	55	55	51	98	9	2	-	2	4	-
CAIRNESK	57°36′	14°12′	1002	+05	280	18	pr	p	41	51	41	98	3	-	-	7	7	9½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet; 56–80 subtract 50 to give height in 1000's of feet. Visibility, in the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Tuesday 18th January

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◍ Sky 4/8 covered ◍ Sky 5/8 covered ◍ Sky 6/8 covered ◍ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder = Fog = Mist

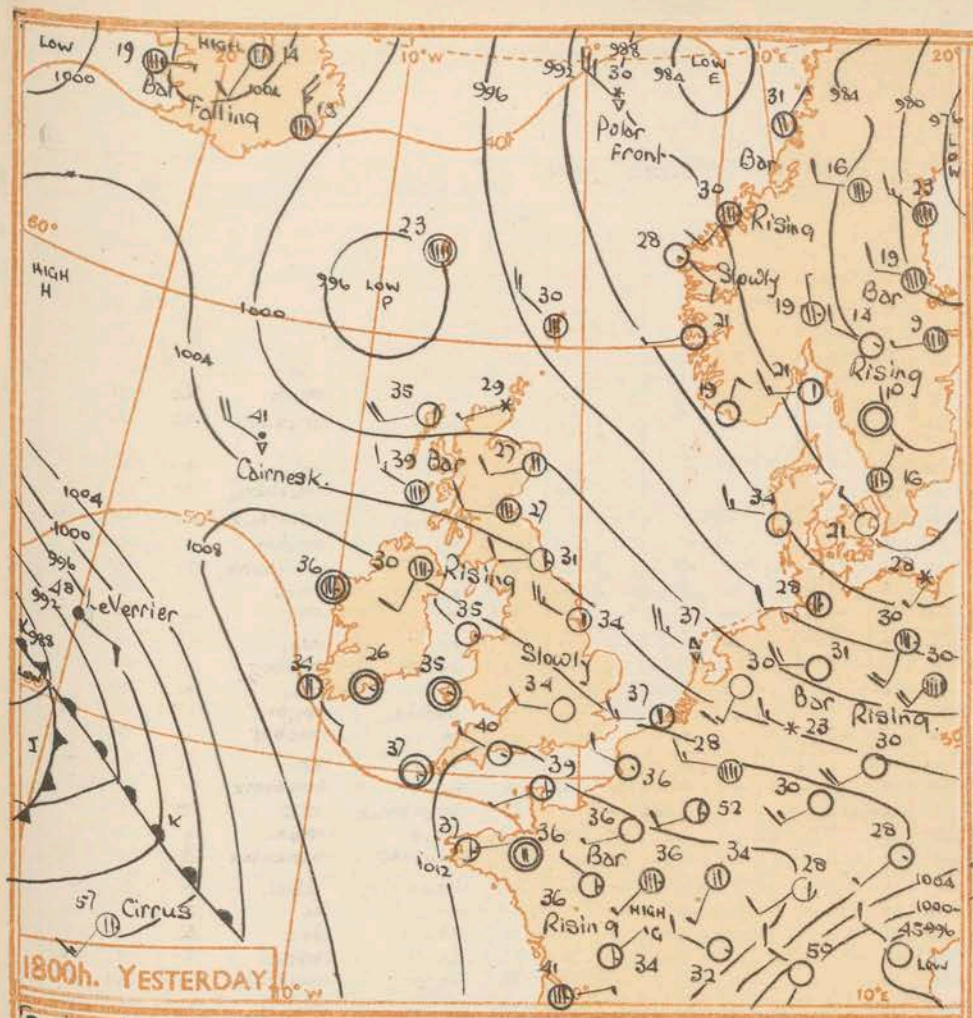
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.



GENERAL SYNOPTIC DEVELOPMENT :-

A small anticyclone moved across Southwest England into France with a ridge of high pressure extending northwestwards across England. This ridge will move slowly northeast and weaken. A small depression moved from Iceland across North Scotland. A depression to the southwest of Ireland is expected to move east or eastnortheast. A depression has developed in the Denmark Strait and is expected to deepen and move east.

Issued at mid-day today Wednesday 19th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Over most of the British Isles there will be sunny periods today. Over Scotland there will be a few showers, which will be of snow for a time in the North. Cloudy weather with occasional rain over Southwest England will spread slowly northeast and may reach Wales and Southeast England by noon tomorrow. There will be frost in eastern districts tonight, but it will become generally milder in all areas.

OUTLOOK FOR the following 24 hours:-

Milder, with rain at times.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 19th January, 1955.

STATIONS (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	† Medium	† High	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	32	*	*	*	*	*	*	*	*	*
London Airport	82	190	06	40	b	11·4	+03	27	25	-	-	-	0	-	-	-	-
Tangmere ...	53	300	01	23	b	12·6	+06	30	27	-	-	-	0	-	-	-	-
Bournemouth(Hurn	34	250	02	58	b	12·7	+06	27	26	-	-	-	0	-	-	-	-
Boscombe Down	414	210	02	60	b	13·0	+10	26	25	-	-	-	0	-	-	-	-
Felixstowe ...	10	270	10	58	b	10·0	+06	31	27	-	-	-	0	-	-	-	-
Gorleston ...	5	290	10	32	b	08·8	+06	30	28	-	-	-	0	-	-	-	-
West Raynham	250	250	11	48	b	08·7	+13	28	25	-	-	-	0	-	-	-	-
Mildenhall ...	15	260	09	36	b	09·4	+08	29	28	-	-	-	0	-	-	-	-
Cranfield ...	340	280	06	57	b	10·6	+02	23	21	-	-	-	0	-	-	-	-
Elmdon ...	324	240	09	23	b	10·2	+03	26	24	-	-	-	0	-	-	-	-
Cottesmore ...	440	270	07	32	b	09·9	+07	29	23	-	-	-	0	-	-	-	-
Watnall ...	366	250	02	58	b	09·2	+05	27	26	-	-	-	0	-	-	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	270	09	74	b	10·2	+01	24	21	-	-	-	0	-	-	-	-
Bristol	192	250	04	18	b	12·2	+08	29	27	-	-	-	0	-	-	-	-
Plymouth ...	90	090	08	87	bc	12·2	-03	29	27	-	4	6	5	-	-	1	59
Chivenor ...	20	090	08	48	b	12·0	-02	31	28	-	-	-	0	-	-	-	-
St. Eval... ...	336	110	05	74	b	11·4	-08	35	27	-	-	-	0	-	-	-	-
Culdrose ...	260	150	05	76	c	11·9	-05	33	29	-	7	-	7	-	-	7	58
Scilly, St. Mary's	158	140	11	85	c	09·0	-17	42	27	5	-	-	6	6	16	-	-
Guernsey ...	340	170	02	82	b	13·1	-02	37	29	-	-	-	0	-	-	-	-
Aberporth ...	375	180	10	82	b	10·8	-01	31	25	-	-	-	0	-	-	-	-
Pembroke Dock	34	-	0	60	b	11·1	-02	29	27	5	-	-	2	2	25	-	-
Holyhead (Valley)	32	260	06	82	b	09·8	+03	36	27	-	-	-	0	-	-	-	-
Manchester ...	248	210	09	57	b	08·7	+03	26	23	5	-	-	2	2	33	-	-
Squires Gate ...	33	270	18	66	b	07·6	-01	39	30	2	-	-	2	2	22	-	-
Silloth	25	250	12	57	b	06·1	+03	35	31	5	-	-	1	1	35	-	-
Lindholme ...	21	220	09	47	b	07·4	+06	30	26	-	-	-	0	-	-	-	-
Spurn Head ...	29	270	15	32	b	07·1	+09	33	29	5	-	-	2	2	20	-	-
Dishforth ...	105	260	12	59	b	06·1	-02	33	27	-	-	-	0	-	-	-	-
Tynemouth ...	108	270	14	61	b	04·1	-00	34	31	-	-	-	0	-	-	-	-
Leuchars ...	36	240	24	74	bc	99·9	-08	33	30	-	-	-	2	3	-	-	3
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	250	13	62	bc	04·4	-01	39	33	5	-	-	5	5	35	-	-
West Freugh ...	50	260	20	66	b	05·6	-01	35	31	-	-	-	0	-	-	-	-
Ronaldsway ...	55	270	12	86	b	07·7	+00	37	31	2	-	-	1	1	20	-	-
Tiree	29	290	18	66	bc/pk	02·4	+01	37	34	9	-	-	3	3	18	-	-
Benbecula ...	18	280	15	74	bc/pr	00·2	+09	38	35	2	-	-	3	3	20	-	-
Stornoway ...	10	300	13	59	pf$_o$	98·4	+10	35	32	2	-	-	8	8	15	-	-
Cape Wrath ...	367	270	05	82	prs$_o$	96·7	00	34	31	8	-	-	7	7	20	-	-
Sule Skerry ...	43	180	02	82	b	95·9	+01	36	25	5	-	-	2	2	15	-	-
Renfrew ...	28	220	13	58	b	03·0	-04	36	33	5	-	-	1	1	30	-	-
Dyce	185	270	12	74	c/ps	98·2	-01	35	31	5	-	-	6	6	35	4	27
Wick	119	-	0	66	c/f	97·2	+05	25	23	2	3	-	7	4	20	-	-
Lerwick ...	269	310	13	82	bc	95·5	+08	30	24	9	5	1	3	3	27	-	-
Blacksod Point	18	200	04	70	dp	09·1	-05	39	34	9	-	-	1	1	11	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	210	10	63	c	07·7	+01	29	27	6	-	-	7	6	31	3	05
Castle Archdale	225	270	01	81	c	08·2	-00	33	29	5	-	-	7	7	54	-	-
Birr Castle ...	231	180	03	82	b	09·4	-07	26	23	-	-	-	0	-	-	-	-
Collinstown ...	226	240	07	66	b	09·7	+01	28	24	-	-	-	0	-	-	-	-
Rineanna ...	10	110	07	56	b	09·9	-10	30	27	1	-	-	1	1	20	-	-
Valentia ...	30	080	11	81	c	07·1	-19	36	26	-	-	6	7	-	-	7	71
Midleton ...	30	-	0	74	bc	08·9	-17	26	25	5	-	2	3	2	30	-	-

STATIONS	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: † Ht.	State of ground	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature: 21h.–09h.: Min. °F. (41)	Temperature: 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
	(13)	(14)	(15)	(16)	(33)					
Kew	*	*	*	*	3	bbcm$_o$x	cm$_o$mx	32	12	-
London Airport	-	-	-	-	3	bm$_o$x	bm$_o$xbcfx	23	16	-
Tangmere ...	-	-	-	-	3	bm$_o$x	bm$_o$x	22	16	-
Bournemouth(Hurn	-	-	-	-	3	bm$_o$x	bm$_o$xbcm$_o$	19	11	-
Boscombe Down	-	-	-	-	5	bxbm$_o$x	bm$_o$xcm$_o$x	24	16	TR
Felixstowe ...	-	-	-	-	6	bm$_o$	bm$_o$bm	27	22	-
Gorleston ...	-	-	-	-	5	bm$_o$x	bm$_o$xbxbm$_o$	25	23	-
West Raynham	-	-	-	-	7	bm$_o$	bm$_o$b	23	19	-
Mildenhall ...	-	-	-	-	7	bm$_o$	bm$_o$	24	20	-
Cranfield ...	-	-	-	-	9	bm$_o$	bm$_o$	19	15	-
Elmdon ...	-	-	-	-	7	bzbm$_o$	bm$_o$bcz	17	10	-
Cottesmore ...	-	-	-	-	7	bm$_o$	bm$_o$	23	19	-
Watnall ...	-	-	-	-	7	bpe$_o$bm$_o$	bm$_o$m	25	13	TR
Ross-on-Wye ...	*	*	*	*	6	bb	bbcbcf	21	13	-
Shawbury ...	-	-	-	-	7	b	bbc	18	10	-
Bristol	-	-	-	-	5	bx	bmxbemx	22	15	-
Plymouth ...	59	44	-	-	3	bm$_o$xcm$_o$x	cz$_o$x	28	25	-
Chivenor ...	-	-	-	-	3	bm$_o$x	em$_o$xc	29	25	-
St. Eval... ...	-	-	-	-	1	bxbcxbx	bcxcxbcx	33	22	TR
Culdrose ...	58	-	-	-	3	bbcc	cbcc	30	19	-
Scilly, St. Mary's	-	-	-	-	1	co	oc	38	*	-
Guernsey ...	-	-	-	-	1	bbc	bcc	36	24	-
Aberporth ...	-	-	-	-	3	bx	bxbcx	29	22	-
Pembroke Dock	-	-	-	-	3	bm$_o$x	cm$_o$xbm$_o$x	29	20	-
Holyhead (Valley)	-	-	-	-	3	b	bbc	27	21	-
Manchester ...	83	-	-	-	9	cpe$_o$b	b	22	20	0·1
Squires Gate ...	22	-	-	-	3	bbcc	cbcb	38	32	-
Silloth	36	-	-	-	7	bbm$_o$	bbc	33	30	-
Lindholme ...	-	-	-	-	7	bm$_o$bm	bm$_o$	26	21	-
Spurn Head ...	20	-	-	-	5	bcb	bbc	28	*	-
Dishforth ...	-	-	-	-	6	bbm$_o$b	bbc	28	20	-
Tynemouth ...	-	-	-	-	6	b	bbcm$_o$	30	26	-
Leuchars ...	-	-	-	-	7	bbc	bbcc	29	24	-
Eskdalemuir ...	*	*	*	*	7	b	bc	27	19	-
Prestwick ...	35	-	-	-	5	bc	bccpr$_o$bc	36	33	0·5
West Freugh ...	-	-	-	-	7	b	bbc	33	28	-
Ronaldsway ...	20	-	-	-	5	bcb	bbx	35	27	-
Tiree	18	-	-	-	7	bcpr$_o$h$_o$cpr	cpr$_o$	37	31	1
Benbecula ...	20	-	-	-	6	bcpr$_o$spr$_o$	bcpr$_o$c	34	32	0·4
Stornoway ...	15	-	-	-	7	cpr$_o$pr$_o$h	cpr$_o$pr$_o$	32	28	1
Cape Wrath ...	-	-	-	-	9	cpsc	bcc	32	31	3
Sule Skerry ...	-	-	-	-	2	*	*	32	23	3
Renfrew ...	-	-	-	-	9	bpr$_o$	cprbcm$_o$	34	26	1
Dyce	35	4	27	-	7	bccpr$_o$sbc	bcr$_o$c	30	24	0·3
Wick	-	-	-	-	7	o$_o$s$_o$s$_o$f$_o$b	cps$_o$h$_o$	24	14	1
Lerwick ...	-	-	-	-	9	bbc	ccis$_o$s$_o$s$_o$c	26	22	3
Blacksod Point	-	-	-	-	1	bc	b	35	34	0·3
Malin Head ...	*	*	*	*	5	*	*	39	*	1
Aldergrove ...	31	05	-	-	8	bbcb	bbcb	28	19	-
Castle Archdale	-	-	-	-	7	bxbc	bx	21	17	-
Birr Castle ...	-	-	-	-	6	b	b	20	13	TR
Collinstown ...	-	-	-	-	6	b	b	22	14	TR
Rineanna ...	20	-	-	-	2	b	bc	18	12	TR
Valentia ...	71	060	13	78	1	c	c	34	26	TR
Midleton ...	-	-	-	-	3	b	bc	23	13	TR

OBSERVATIONS at 06h. G.M.T. 19th January, 1955.

STATIONS (For heights see p. 4)	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: † Low	† Medium	† High	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: † Ht.	09 h. State of ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	-	0	20	bc	11·1	-02	27	26	-	-	6	8	-	-	5	99	3
London Airport	-	0	40	b	10·9	-01	23	..	-	-	-	0	-	-	-	-	3
Tangmere ...	-	0	48	b	11·6	-04	24	23	-	-	1	2	-	-	2	76	3
Bournemouth(Hurn	-	0	58	b	10·5	-11	19	17	-	-	1	1	-	-	1	72	3
Boscombe Down	-	0	56	b	11·9	-05	24	23	-	-	-	0	-	-	-	-	5
Felixstowe ...	270	05	48	b	10·5	00	27	25	-	-	-	0	-	-	-	-	6
Gorleston ...	270	08	62	b	10·6	+04	27	24	-	-	-	0	-	-	-	-	5
West Raynham	230	09	58	b	08·9	-01	24	21	-	-	-	0	-	-	-	-	7
Mildenhall ...	260	09	40	b	09·8	00	26	24	-	-	-	0	-	-	-	-	7
Cranfield ...	240	08	32	b	13·0	-04	22	20	-	-	-	0	-	-	-	-	9
Elmdon ...	220	08	58	b	09·9	+02	26	22	-	-	-	0	-	-	-	-	7
Cottesmore ...	260	08	57	b	10·1	+02	28	24	-	-	-	0	-	-	-	-	7
Watnall ...	240	07	48	b	09·3	+00	26	24	-	-	-	0	-	-	-	-	7
Ross-on-Wye ...	140	02	48	b	09·7	-10	28	20	-	-	1	2	-	-	-	-	6
Shawbury ...	220	04	74	b	09·4	-01	20	15	-	-	-	0	-	-	-	-	7
Bristol	-	0	18	bc	10·5	-08	24	22	-	-	2	4	-	-	4	76	5
Plymouth ...	120	07	57	c	08·5	-19	35	26	5	-	-	7	7	44	-	-	3
Chivenor ...	090	07	58	bc	09·0	-20	29	27	-	-	6	8	-	-	6	76	3
St. Eval... ...	120	08	66	c	07·5	-23	36	30	5	-	6	6	2	30	-	-	1
Culdrose ...	150	13	82	c	07·8	-23	40	29	5	7	-	6	4	20	-	-	3
Scilly, St. Mary's	150	16	85	c	05·0	-21	45	36	5	-	-	8	8	16	-	-	1
Guernsey ...	150	10	82	bc	09·9	-18	39	31	5	-	-	4	4	30	-	-	1
Aberporth ...	150	10	80	bc	08·6	-13	32	27	5	-	5	4	1	25	-	-	3
Pembroke Dock	-	0	56	b	08·8	-11	30	30	-	-	1	2	-	-	2	78	3
Holyhead (Valley)	280	01	82	b	07·7	-10	34	23	-	-	-	0	-	-	-	-	3
Manchester ...	210	10	58	b	08·4	-02	23	20	5	-	-	1	1	50	-	-	9
Squires Gate ...	270	13	66	b	07·5	00	39	29	-	-	-	0	-	-	-	-	3
Silloth	250	14	63	b	05·7	-02	36	32	5	-	-	1	1	30	-	-	7
Lindholme ...	200	10	56	b	07·1	-02	28	24	-	-	-	0	-	-	-	-	7
Spurn Head ...	240	12	58	b	06·7	00	29	29	-	-	-	0	-	-	-	-	5
Dishforth ...	260	09	66	b	05·7	-02	36	28	-	-	-	0	-	-	-	-	6
Tynemouth ...	270	14	63	b	03·4	00	35	29	-	4	-	1	-	-	1	58	6
Leuchars ...	240	11	66	b	00·7	+08	34	31	5	-	-	1	1	50	-	-	7
Eskdalemuir ...	360	05	66	b	04·1	00	31	29	5	-	-	2	2	25	-	-	7
Prestwick ...	250	15	60	pf$_o$	03·9	-01	39	35	8	-	-	8	8	22	3	16	5
West Freugh ...	250	16	66	b	05·5	-02	35	31	5	-	-	1	1	25	-	-	7
Ronaldsway ...	270	12	86	b	07·3	00	36	30	5	-	-	1	1	30	-	-	5
Tiree	330	08	82	c	03·1	+06	38	30	8	-	-	7	6	37	3	20	7
Benbecula ...	320	10	82	c/pr	02·5	+15	38	31	8	-	-	7	5	35	4	24	6
Stornoway ...	330	22	59	pf$_{2_o}$	00·9	+18	35	31	2	-	-	4	4	16	-	-	7
Cape Wrath ...	320	09	83	bc	98·0	+18	38	36	8	-	-	5	5	20	-	-	9
Sule Skerry ...	320	05	82	s$_o$s$_o$	95·5	+05	36	35	6	-	-	8	8	10	-	-	2
Renfrew ...	260	06	58	bc/pr	02·9	00	36	35	8	-	-	5	5	40	1	10	9
Dyce	280	10	74	pf$_o$	99·9	+11	35	32	9	-	-	3	2	20	-	-	7
Wick	250	10	74	c/ps	97·7	+00	30	29	2	3	-	7	4	20	-	-	7
Lerwick ...	350	02	23	s$_o$s$_o$	98·5	+18	27	26	7	-	-	8	8	10	-	-	9
Blacksod Point	140	03	70	dp	07·0	-16	35	31	9	-	-	1	1	18	-	-	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5
Aldergrove ...	190	10	64	bc	07·0	+04	28	27	6	-	-	4	4	30	-	-	8
Castle Archdale	140	05	81	c	07·5	-07	27	26	3	-	-	6	6	17	-	-	7
Birr Castle ...	-	0	82	bc	07·3	-12	21	20	-	-	2	3	-	-	3	75	6
Collinstown ...	240	04	74	b	08·4	-10	26	20	-	-	-	0	-	-	-	-	6
Rineanna ...	020	05	66	b	07·1	-14	19	17	-	-	5	2	-	-	2	68	2
Valentia ...	060	13	78	c	02·6	-27	41	29	5	-	-	8	-	-	6	40	1
Midleton ...	-	0	74	c	04·7	-25	33	30	5	-	6	7	1	30	-	-	3

STATIONS	Weather: 21h. to 03h. (39)	Weather: 03h.–09h. (40)	Temperature: 21h.–09h.: Min. °F. (41)	Temperature: 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	bbcm$_o$x	cm$_o$mx	32	12	-
London Airport	bm$_o$x	bm$_o$xbcfx	23	16	-
Tangmere ...	bm$_o$x	bm$_o$x	22	16	-
Bournemouth(Hurn	bm$_o$x	bm$_o$xbcm$_o$	19	11	-
Boscombe Down	bxbm$_o$x	bm$_o$xcm$_o$x	24	16	TR
Felixstowe ...	bm$_o$	bm$_o$bm	27	22	-
Gorleston ...	bm$_o$x	bm$_o$xbxbm$_o$	25	23	-
West Raynham	bm$_o$	bm$_o$b	23	19	-
Mildenhall ...	bm$_o$	bm$_o$	24	20	-
Cranfield ...	bm$_o$	bm$_o$	19	15	-
Elmdon ...	bzbm$_o$	bm$_o$bcz	17	10	-
Cottesmore ...	bm$_o$	bm$_o$	23	19	-
Watnall ...	bpe$_o$bm$_o$	bm$_o$m	25	13	TR
Ross-on-Wye ...	bb	bbcbcf	21	13	-
Shawbury ...	b	bbc	18	10	-
Bristol	bx	bmxbemx	22	15	-
Plymouth ...	bm$_o$xcm$_o$x	cz$_o$x	28	25	-
Chivenor ...	bm$_o$x	em$_o$xc	29	25	-
St. Eval... ...	bxbcxbx	bcxcxbcx	33	22	TR
Culdrose ...	bbcc	cbcc	30	19	-
Scilly, St. Mary's	co	oc	38	*	-
Guernsey ...	bbc	bcc	36	24	-
Aberporth ...	bx	bxbcx	29	22	-
Pembroke Dock	bm$_o$x	cm$_o$xbm$_o$x	29	20	-
Holyhead (Valley)	b	bbc	27	21	-
Manchester ...	cpe$_o$b	b	22	20	0·1
Squires Gate ...	bbcc	cbcb	38	32	-
Silloth	bbm$_o$	bbc	33	30	-
Lindholme ...	bm$_o$bm	bm$_o$	26	21	-
Spurn Head ...	bcb	bbc	28	*	-
Dishforth ...	bbm$_o$b	bbc	28	20	-
Tynemouth ...	b	bbcm$_o$	30	26	-
Leuchars ...	bbc	bbcc	29	24	-
Eskdalemuir ...	b	bc	27	19	-
Prestwick ...	bc	bccpr$_o$bc	36	33	0·5
West Freugh ...	b	bbc	33	28	-
Ronaldsway ...	bcb	bbx	35	27	-
Tiree	bcpr$_o$h$_o$cpr	cpr$_o$	37	31	1
Benbecula ...	bcpr$_o$spr$_o$	bcpr$_o$c	34	32	0·4
Stornoway ...	cpr$_o$pr$_o$h	cpr$_o$pr$_o$	32	28	1
Cape Wrath ...	cpsc	bcc	32	31	3
Sule Skerry ...	*	*	32	23	3
Renfrew ...	bpr$_o$	cprbcm$_o$	34	26	1
Dyce	bccpr$_o$sbc	bcr$_o$c	30	24	0·3
Wick	o$_o$s$_o$s$_o$f$_o$b	cps$_o$h$_o$	24	14	1
Lerwick ...	bbc	ccis$_o$s$_o$s$_o$c	26	22	3
Blacksod Point	bc	b	35	34	0·3
Malin Head ...	*	*	39	*	1
Aldergrove ...	bbcb	bbcb	28	19	-
Castle Archdale	bxbc	bx	21	17	-
Birr Castle ...	b	b	20	13	TR
Collinstown ...	b	b	22	14	TR
Rineanna ...	b	bc	18	12	TR
Valentia ...	c	c	34	26	TR
Midleton ...	b	bc	23	13	TR

00h Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	† Med.	† High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 54′	1004	-04	320	07	b	b	41	48	29	98	2	-	-	2	2	5
LE VERRIER	51° 42′	19° 18′	991	-19	090	44	if$_o$	r	52	51	48	97	7	-	-	8	8	24
CIRRUS	45° 6′	16° 6′	995	-21	240	20	c/pr	r	54	55	50	60	9	-	-	8	8	14
POLAR FRONT	65° 54′	02° 0′E	990	+07	290	19	c	p	27	35	14	99	9	6	-	5	7	8
WEATHER WATCHER	62° 42′	29° 24′	993	-28	220	23	c	r	40	43	33	98	5	7	-	8	8	6½
U.S. SHIP "C"	52° 36′	35° 12′	990	00	090	25	dc$_o$	r	47	47	46	59	7	2	-	6	8	14
U.S. SHIP "D"	44° 0′	41° 0′	997	+02	200	07	c	bc	57	57	47	65	5	2	-	6	8	-
WEATHER EXPLORER	61° 6′	29° 6′	998	-25	190	20	b	p	40	44	33	99	4	-	-	1	1	8
HURUNUI	42° 30′	20° 30′	1005	+50	270	27	bc	p	56	58	50	99	1	-	-	3	3	9½
EMPRESS OF AUSTRALIA	51° 12′	24° 0′	989	+18	090	11	b	p	51	52	49	98	6	-	-	1	1	-

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	† Med.	† High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	59° 0′	18° 54′	1003	-09	250	09	bc/pr	p	40	48	34	98	2	-	-	5	5	6½
LE VERRIER	51° 30′	19° 12′	989	-10	090	26	bc	c	54	53	50	97	5	-	-	4	4	14
CIRRUS	45° 0′	16° 6′	1005	+24	270	29	b	b	57	56	52	65	-	-	-	-	0	14
POLAR FRONT	65° 54′	02° 0′E	989	-07	260	09	bc	p	28	36	16	99	9	-	-	3	3	5
TREVELAN	42° 0′	11° 30′	1007	+17	210	30	b	b	57	57	51	98	3	-	-	2	2	-
U.S. SHIP "C"	52° 48′	34° 42′	989	-05	100	08	c	p	35	37	35	56	6	-	8	6	6	9½
U.S. SHIP "D"	44° 0′	41° 0′	990	-20	090	14	r$_o$	c	58	57	53	61	2	-	-	8	8	6½
WEATHER EXPLORER	60° 42′	27° 12′	994	-16	200	27	ph$_o$	ip	40	46	37	96	3	-	-	8	8	11
SAMARIA	50° 0′	28° 42′	991	+23	260	20	b	r	53	53	47	98	1	-	-	1	1	-
EMPRESS OF AUSTRALIA	51° 24′	22° 6′	990	+10	070	13	c	c	52	54	50	98	6	-	-	6	6	-

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*Information not usually received.

† Code figure (see Introduction)

No. 34027

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue. Thursday 20th January 1955

OBSERVATIONS at 12h. G.M.T. 19th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer Ht. † (16)
Kew	–	0	05	f	10·7	-07	35	31	–	7	5	6	–	–	–	–
London Airport	–	0	26	bc	10·7	-05	39	25	–	–	2	3	–	–	3	72
Tangmere	100	08	23	c	10·8	-11	39	29	5	4	6	7	3	35	–	–
Bournemouth (Hurn	120	06	50	c	09·4	-08	39	32	5	–	6	7	2	25	–	–
Boscombe Down	110	03	61	c	11·1	-04	32	29	8	3	2	7	3	35	1	28
Felixstowe	320	05	21	b	10·9	-01	33	25	–	–	–	0	–	–	–	–
Gorleston	270	10	56	b	10·2	+04	32	30	–	4	–	1	–	–	1	58
West Raynham	250	08	56	b	09·1	-03	31	25	–	–	–	0	–	–	–	–
Mildenhall	270	04	32	b	10·1	-02	36	24	–	–	–	0	–	–	–	–
Cranfield	260	04	58	b	10·4	-07	33	26	–	–	1	2	–	–	2	70
Elmdon	220	05	23	b	09·6	-06	35	27	–	–	2	2	–	–	2	72
Cottesmore	260	05	48	b	09·9	-08	35	28	–	–	1	1	–	–	1	80
Watnall	250	05	23	b	10·0	+01	34	28	–	–	–	0	–	–	–	–
Ross-on-Wye	060	02	66	bc†	09·5	-09	32	28	5	–	–	5	5	30	–	–
Shawbury	–	0	58	b	10·0	+02	28	24	–	–	2	1	–	–	1	74
Bristol	120	06	32	c	09·9	-06	33	26	5	4	1	6	1	30	–	–
Plymouth	140	13	09	bc	07·0	-09	43	29	5	3	1	5	3	30	–	–
Chivenor	110	07	66	c	08·1	-04	41	32	–	–	8	7	–	–	7	75
St. Eval	130	14	52	bc	08·6	-02	43	35	5	3	2	4	1	25	–	–
Culdrose	130	22	82	bc	06·5	-04	42	28	–	7	–	5	–	–	5	58
Scilly, St. Mary's	110	20	66	c	02·6	-03	43	29	5	–	–	7	7	15	–	–
Guernsey	120	16	75	c	07·2	-18	40	29	–	4	8	7	–	–	2	58
Aberporth	150	11	89	bc	07·7	-08	39	27	5	3	5	2	1	50	–	–
Pembroke Dock	090	05	56	c	07·9	-07	37	32	–	–	6	6	–	–	6	70
Holyhead (Valley)	–	0	82	bc	08·4	+01	36	30	5	–	–	3	3	30	–	–
Manchester	190	08	26	bc	09·0	+04	32	25	–	–	2	4	–	–	4	70
Squires Gate	210	09	62	b	08·0	+01	41	33	5	–	1	1	1	29	–	–
Silloth	260	10	66	c	07·3	+08	37	32	8	–	–	7	7	35	1	20
Lindholme	190	07	39	b	08·4	+06	34	26	–	–	–	0	–	–	–	–
Spurn Head	240	14	32	b	08·0	+08	34	31	–	–	–	0	–	–	–	–
Dishforth	280	08	83	b	07·0	+05	38	30	–	–	2	1	–	–	1	70
Tynemouth	270	08	48	bc	06·9	+09	37	30	–	4	5	5	2	67	–	–
Leuchars	240	09	74	c	04·0	+19	35	29	5	4	8	7	1	40	–	–
Eskdalemuir	270	05	70	c	06·1	+10	35	31	2	–	–	7	7	20	–	–
Prestwick	270	12	74	jp	06·2	+12	40	37	2	–	–	7	7	20	1	12
West Freugh	250	10	68	c	06·9	+10	37	31	5	–	–	6	6	40	–	–
Ronaldsway	280	08	89	b	07·8	+02	43	28	1	–	1	1	1	20	–	–
Tiree	030	07	89	c	06·3	+14	37	32	2	3	2	6	1	28	–	–
Benbecula	110	06	87	bc	06·3	+14	38	35	5	–	5	5	3	40	1	24
Stornoway	290	03	74	bc	06·5	+18	30	26	5	–	2	4	3	25	–	–
Cape Wrath	360	02	84	b	06·0	+21	35	26	5	–	–	2	2	30	–	–
Sule Skerry	060	09	82	c	04·5	+34	36	19	8	–	–	6	6	10	–	–
Renfrew	260	06	28	bc	06·0	+16	39	35	6	3	1	5	1	12	–	–
Dyce	310	13	66	jp	03·1	+19	35	31	8	7	7	7	4	30	2	16
Wick	350	17	85	ks	04·4	+38	32	26	2	3	2	7	1	18	–	–
Lerwick	350	08	74	c	02·9	+25	25	20	8	–	6	6	2	42	1	20
Blacksod Point	120	07	80	b	07·0	00	36	29	8	–	–	1	1	15	–	–
Malin Head	290	09	72	c	06·8	+08	36	30	2	–	–	6	6	21	–	–
Aldergrove	170	06	74	b	08·1	+02	29	26	5	–	–	1	1	30	–	–
Castle Archdale	–	0	74	b	08·7	+01	29	21	6	4	–	1	1	05	–	–
Birr Castle	080	06	83	bc	06·6	-02	37	27	8	–	1	5	1	24	–	–
Collinstown	110	03	89	bc	08·5	-01	35	24	5	4	8	4	1	35	–	–
Rineanna	110	16	80	bc	05·7	-04	36	25	5	3	2	5	2	45	–	–
Valentia	090	12	80	ir.	01·8	-02	45	36	5	2	–	8	5	26	1	22
Midleton	100	12	74	c	04·1	+00	42	35	5	–	–	8	8	33	5	22

OBSERVATIONS at 18h. G.M.T. 19th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	–	0	05	bf†	10·3	+03	32	26	–	–	1	2	–	–	–	–	5
London Airport	–	0	04	b	10·0	+03	35	26	–	–	–	0	–	–	–	–	3
Tangmere	070	07	40	bc	10·0	-05	33	28	–	–	6	4	–	–	4	81	3
Bournemouth (Hurn	100	05	56	bc	08·8	-01	33	29	–	–	8	5	–	–	5	73	3
Boscombe Down	110	03	56	bc	10·3	-01	31	26	–	–	2	4	–	–	4	75	5
Felixstowe	–	0	10	b	11·0	+04	34	29	–	–	–	0	–	–	–	–	6
Gorleston	240	03	32	b	11·0	+09	31	26	–	–	–	0	–	–	–	–	5
West Raynham	240	06	48	b	10·3	+10	24	21	–	–	–	0	–	–	–	–	7
Mildenhall	260	06	32	b	10·7	+08	31	30	–	–	1	1	–	–	1	75	6
Cranfield	–	0	28	bc	10·4	+02	26	22	–	–	1	1	–	–	1	75	9
Elmdon	–	0	20	b	10·4	+10	23	18	–	–	–	0	–	–	–	–	7
Cottesmore	230	06	48	c	10·8	+09	27	21	–	–	8	6	–	–	6	80	7
Watnall	240	03	09	bf	10·7	+10	29	25	–	–	–	0	–	–	–	–	7
Ross-on-Wye	080	04	24	b	09·5	+02	30	25	–	–	1	1	–	–	–	–	6
Shawbury	–	0	58	b	10·4	+09	19	16	–	–	2	1	–	–	1	75	7
Bristol	090	06	23	b	09·3	+01	31	25	–	–	1	1	–	–	1	78	5
Plymouth	110	13	58	c	06·1	+02	37	28	5	–	2	7	1	25	–	–	1
Chivenor	100	08	66	bc	07·3	+02	37	29	–	4	8	5	–	–	5	75	3
St. Eval	090	16	61	bc	08·2	+09	37	30	–	3	–	3	–	–	3	58	1
Culdrose	110	18	76	c	05·2	00	43	30	–	7	8	7	–	–	5	58	0
Scilly, St. Mary's	110	20	74	c	02·5	+08	44	29	5	–	–	7	7	18	–	–	1
Guernsey	090	16	80	c	06·1	-03	37	29	–	–	8	6	–	–	6	70	1
Aberporth	140	09	58	b	07·9	+01	32	28	–	–	8	2	–	–	2	72	3
Pembroke Dock	100	08	56	bc	07·4	+01	38	32	–	–	6	5	–	–	5	70	3
Holyhead (Valley)	100	01	82	bc	08·3	00	31	24	4	–	–	3	–	–	3	72	3
Manchester	190	08	40	bc	09·7	+08	28	25	–	–	2	4	–	–	4	70	3
Squires Gate	190	05	56	b	09·1	+08	33	31	–	–	1	1	–	–	1	70	1
Silloth	240	02	48	c	09·8	+13	37	33	5	–	–	5	5	30	–	–	6
Lindholme	220	11	61	b	09·7	+14	30	25	–	–	–	0	–	–	–	–	7
Spurn Head	250	15	40	b	08·9	+10	34	31	5	–	–	2	2	30	–	–	3
Dishforth	240	07	61	b	08·9	+13	33	26	–	–	–	0	–	–	–	–	6
Tynemouth	270	09	40	b	08·4	+19	34	30	–	3	–	1	1	57	–	–	5
Leuchars	260	02	82	b	08·6	+25	31	25	5	–	1	1	1	40	–	–	7
Eskdalemuir	–	0	70	bc	08·9	+20	30	27	6	–	–	4	4	26	–	–	7
Prestwick	090	01	48	b	08·3	+17	35	31	2	3	1	2	1	24	–	–	5
West Freugh	0	0	62	c	08·4	+11	32	29	5	3	–	6	5	35	–	–	7
Ronaldsway	360	08	82	b	08·6	+05	28	24	–	–	1	1	–	–	1	70	5
Tiree	120	08	83	b	07·8	+01	31	27	5	–	1	1	1	18	–	–	7
Benbecula	120	04	87	b	07·8	+10	30	28	5	–	5	2	1	45	–	–	6
Stornoway	0	0	74	b	08·1	+11	30	25	5	–	–	1	1	30	–	–	7
Cape Wrath	050	02	83	c	07·6	+14	34	22	5	–	–	6	6	25	–	–	9
Sule Skerry	0	0	82	c	07·1	+10	36	27	8	–	–	8	8	15	–	–	2
Renfrew	–	0	05	bf†	08·7	+19	30	28	–	–	–	0	–	–	–	–	6
Dyce	310	08	66	b	08·8	+26	28	23	5	–	1	1	1	30	–	–	7
Wick	270	05	86	bc	08·6	+19	23	14	4	–	–	3	3	20	–	–	9
Lerwick	340	02	83	b	06·6	+20	24	21	9	–	–	2	2	20	–	–	7
Blacksod Point	120	13	70	bc	06·8	-08	37	31	8	–	–	3	3	15	–	–	
Malin Head	180	02	60	bc	07·5	+07	30	23	1	–	–	3	3	21	–	–	
Aldergrove	110	07	81	b	08·5	+06	22	20	5	–	–	2	2	30	–	–	8
Castle Archdale	120	05	66	bc	07·7	+05	25	23	–	–	6	5	–	–	5	68	7
Birr Castle	110	08	80	c	05·6	+01	36	32	5	2	–	8	1	43	–	–	
Collinstown	130	05	62	c	08·0	-01	34	31	5	–	5	7	8	25	–	–	
Rineanna	100	14	69	c	04·3	-04	38	34	5	1	–	8	–	–	–	–	
Valentia	090	21	61	rr	00·0	-13	39	35	6	2	–	8	8	40	2	18	
Midleton	110	15	66	c	03·6	+01	42	31	5	2	–	8	1	22	–	–	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	cmfxbc2ox	bcxbf1fx	39	5·5	-
London Airport	bcfxb2oc2	c2olbfx	45	*	-
Tangmere	cn7ox	bcn7ox	39	4·1	-
Bournemouth (Hurn	bcm7oxcm7y	cbm7ox	43	*	-
Boscombe Down	cm7bc	cm7bc2obx	39	1·9	TR
Felixstowe	b2	bm	37	6·1	-
Gorleston	b2o	bm7ox	36	6·9	-
West Raynham	pb2om7	bm7o	33	7·2	-
Mildenhall	bm7o2o	b2om7	31	7·4	-
Cranfield	bm7o2o	bm7m	31	5·8	-
Elmdon	bcmb	bbf	39	7·0	-
Cottesmore	bm7b2o	b2c7m7bx2	36	6·7	-
Watnall	bm7o2o	b2fbm	37	6·5	-
Ross-on-Wye	bcfcfm	bcmbm	34	2·8	-
Shawbury	bcm7bm7	bm7bf	36	6·7	-
Bristol	cmxc	bcxb	38	1·6	-
Plymouth	bcy	bcbc2	43	6·3	-
Chivenor	cxc	bc	43	5·6	-
St. Eval	cbcy	bcb	43	5·2	-
Culdrose	cbc	bcc	43	5·9	-
Scilly, St. Mary's	c	coil	45	0·2	TR
Guernsey	c	dcb	41	2·9	-
Aberporth	bbcc	cbc2obbcm7x	40	5·2	-
Pembroke Dock	cm7c	c2olbcm7cm7	41	3·8	-
Holyhead (Valley)	bc	bcbx	40	4·1	-
Manchester	bbc	bcmbcf	35	4·7	-
Squires Gate	b	bbm	41	7·3	-
Silloth	bcc	cm7c7m7	39	1·6	TR
Lindholme	bm7ob2	b2bm	38	4·5	-
Spurn Head	bcb	bm	37	4·8	-
Dishforth	bcb	bbm7	40	7·5	-
Tynemouth	bcm7	bc2obm7bc	39	3·3	-
Leuchars	c	bcb	39	3·1	-
Eskdalemuir	cps7bc	bcb	36	1·9	0·1
Prestwick	cpr7cbc	bcbm7x	43	2·6	TR
West Freugh	bbcc	cbcb	38	2·9	-
Ronaldsway	bxbby	bybx	45	7·1	-
Tiree	cbcv	bcvbx	39	5·2	-
Benbecula	cbcc	bcbx	38	3·1	-
Stornoway	bcc	cb	38	3·6	-
Cape Wrath	bc	bc	36	*	-
Sule Skerry			38	*	-
Renfrew	bcm7	bm7bff	42	4·9	-
Dyce	ccpr7shm7	bcbm7	36	0·8	0·2
Wick	cpsphoks3	bcc	32	2·6	1
Lerwick	ctps7	cps7cb	30	1·3	0·2
Blacksod Point	b	bc	38	6·1	-
Malin Head		bc	40		0·1
Aldergrove	pbx	bbx	35	6·4	-
Castle Archdale	b	bcb	38	6·2	-
Birr Castle	bc	c	39	4·6	TR
Collinstown	bc	p	39	5·5	TR
Rineanna	c	c	38	1·1	2
Valentia	r	r	45	0·0	3
Midleton	c	c	43	0·0	TR

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	51°24′	18°54′	993	+25	—	0	c	bc	52	51	48	97	8	–	–	6	6	9½
CIRRUS	45°6′	16°0′	1005	+20	260	24	c	bc	57	56	52	60	6	1	7	1	8	17½
US SHIP 'C'	52°48′	33°54′	990	+12	230	11	b	f	47	47	42	69	5	–	6	1	2	9½
WEATHER OBSERVER	59°0′	18°42′	1002	-08	230	14	sh	p	41	47	32	97	3	–	–	7	7	5
MERMOZ	48°8′	07°6′	1012	-xx	140	33	r	r	52	53	45	58	5	–	–	8	8	8
US SHIP 'D'	44°0′	41°0′	978	-51	160	30	p	p	60	58	54	61	2	–	–	7	7	9½
SEATTLE STAR	47°42′	07°6′	995	-05	120	30	c	c	51	53	49	97	7	–	–	8	8	11
WEATHER WATCHER	62°24′	30°42′	984	+21	280	25	c	p	28	41	21	98	8	–	–	7	7	8
WEATHER EXPLORER	59°48′	25°24′	993	00	180	30	c	p	43	46	36	97	3	–	1	5	6	9½
CORNALDO	50°18′	08°0′	1003	-20	130	26	c	c	46	51	44	98	6	–	–	8	8	X

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
LE VERRIER	51°6′	18°54′	995	-14	260	04	b	b	52	51	48	98	8	4	–	1	2	13
WEATHER EXPLORER	59°30′	23°30′	992	-14	180	23	c	p	44	47	39	97	8	–	5	6	7	9½
CIRRUS	45°0′	16°0′	1007	+09	240	23	ir.	c	57	55	55	60	5	7	–	4	8	14
POLAR FRONT	65°48′	02°36′E	994	+36	340	39	c	p	32	45	30	99	9	–	–	7	7	17½
CAIRNESK	56°42′	21°12′	993	-40	130	18	c	c	47	51	43	98	5	–	–	8	8	6½
WINCHESTER CASTLE	43°18′	09°12′	1012	00	240	15	jp	c	57	59	53	98	4	–	–	8	8	X
US SHIP 'D'	44°0′	41°0′	977	+02	200	42	jp	p	58	57	45	63	2	–	–	7	7	14
TWICKENHAM	45°12′	08°24′	1007	+30	250	44	jp	c	56	57	52	60	3	5		5	8	11
CLEARPOOL	48°42′	16°48′	998	+22	180	24	c	p	55	55	50	98	5	–	–	7	7	X
HURUNUI	40°54′	23°18′	1011	00	240	24	c	c	63	61	60	97	7	–	–	8	8	11

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet; 56–80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Wednesday 19th January

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◑ Sky 6/8 covered ◕ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

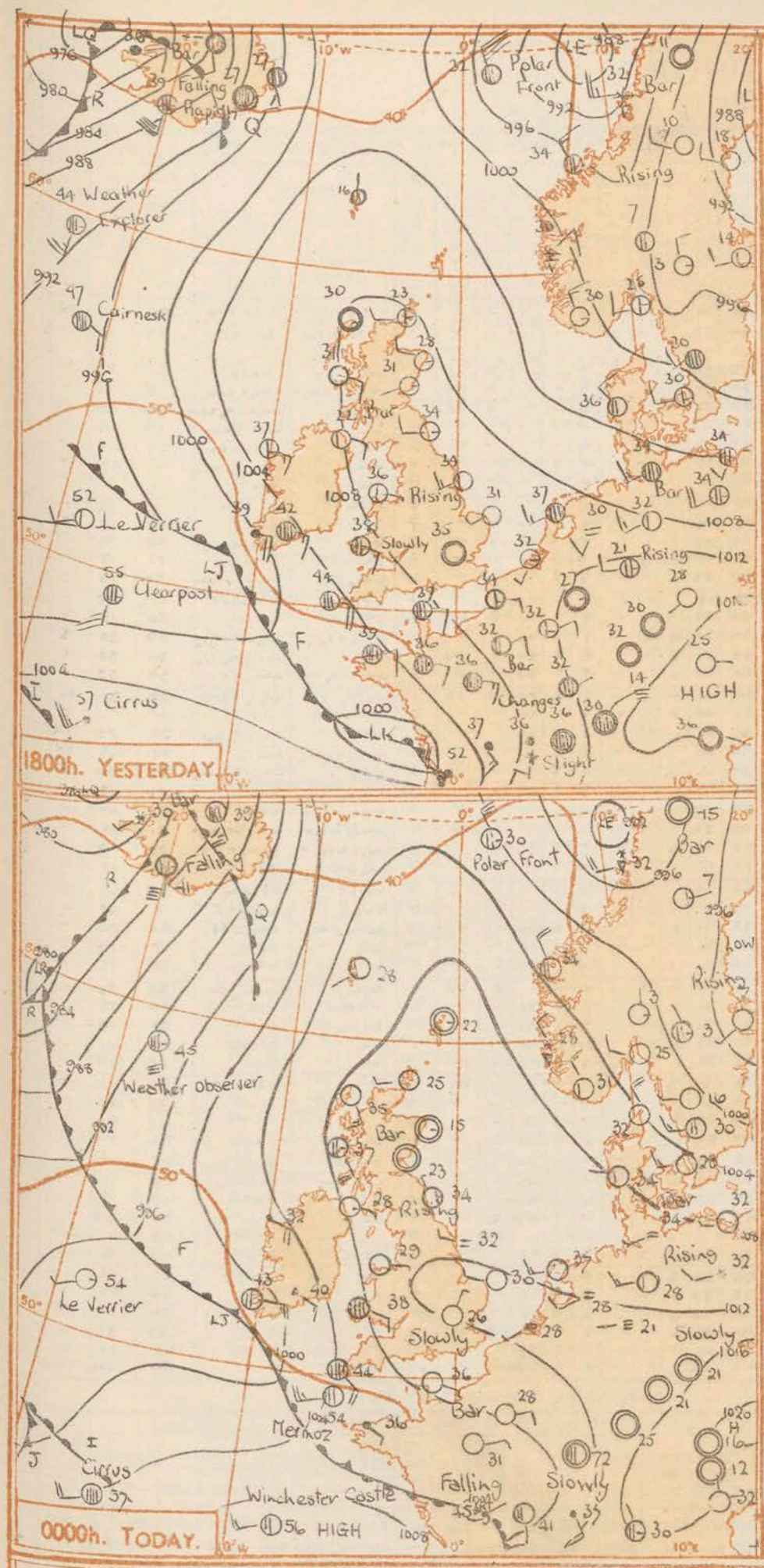
WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower R Thunderstorm T Thunder ≡ Fog = Mist

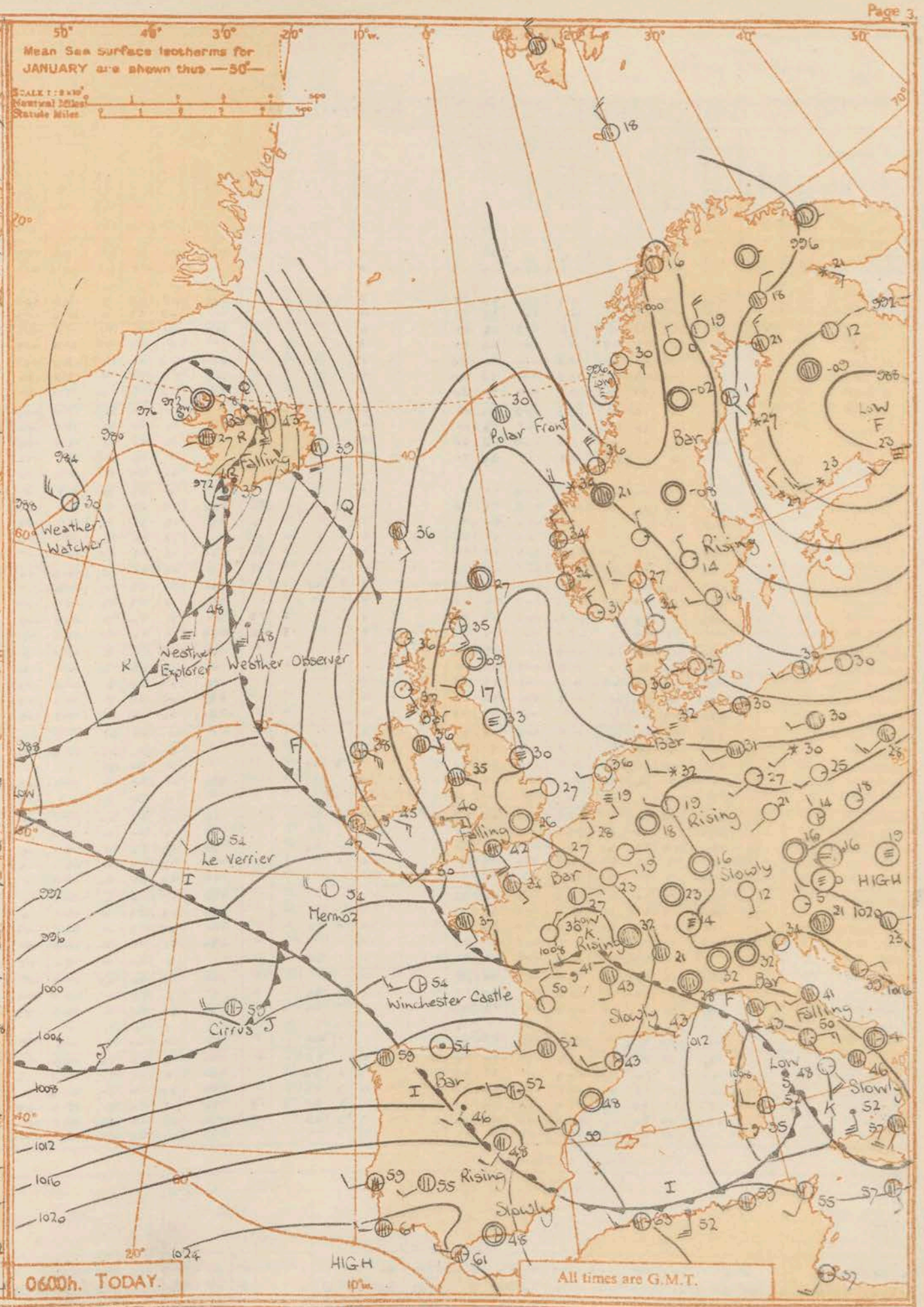
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.





GENERAL SYNOPTIC DEVELOPMENT:-

A ridge of high pressure over the North Sea will intensify and move eastwards, and a trough of low pressure over Southwest Ireland and Southwest England will move rather slowly northeast.

Issued at mid-day to-day Thursday 20th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

Much of the country will have dry weather at first with some bright periods in the east. Cloudy weather with some rain now affecting Southwest England, South Wales and much of Ireland will spread northeastwards, probably affecting most parts of Great Britain by the end of the period. There will be a general rise of temperature in most districts.

OUTLOOK FOR next 24 hours:- Rain at times in many districts.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 20th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form: Low † (9)	Cloud: Form: Medium † (10)	Cloud: Form: High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer: Amt. 0–8 (13)	Cloud: Main layer: Ht. † (14)	Cloud: Lowest layer: Amt. 0–8 (15)	Cloud: Lowest layer: Ht. † (16)
Kew	18	*	*	*	*	*	*	28	*	*	*	*	*	*	*	*	*
London Airport	82	010	04	01	b	11·6	+04	26	25	-	-	-	0	-	-	-	-
Tangmere ...	53	060	09	62	b	11·1	+06	33	29	-	-	-	0	-	-	-	-
Bournemouth (Hurn	34	100	05	58	b	10·2	+07	32	28	-	-	-	0	-	-	-	-
Boscombe Down	414	100	03	56	b	11·6	+02	28	24	-	-	-	0	-	-	-	-
Felixstowe ...	10	-	0	FS	bf+	12·6	+04	26	26	-	-	-	0	-	-	-	-
Gorleston ...	5	290	07	40	b	12·5	+10	30	25	-	-	-	0	-	-	-	-
West Raynham	250	230	03	23	b	12·3	+11	22	20	-	-	-	0	-	-	-	-
Mildenhall ...	15	-	0	32	b	12·7	+09	21	20	-	-	-	0	-	-	-	-
Cranfield ...	340	-	0	14	b	12·4	+09	20	18	-	-	-	0	-	-	-	-
Elmdon ...	324	-	0	FS	bf+	12·5	+07	13	10	-	-	-	0	-	-	-	-
Cottesmore ...	440	260	02	48	b	12·6	+09	25	20	-	-	-	0	-	-	-	-
Watnall ...	366	-	0	07	bf	12·8	+10	23	21	-	-	-	0	-	-	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	-	0	01	bF+	11·8	+05	14	11	-	-	-	0	-	-	-	-
Bristol	192	100	06	40	b	10·7	+02	29	25	-	-	1	1	-	-	1	80
Plymouth ...	90	120	11	60	c	07·5	+04	40	32	-	-	6	7	-	-	7	70
Chivenor ...	20	080	11	66	c	07·8	-02	37	30	-	3	7	8	-	-	4	63
St. Eval... ...	336	130	10	66	c	05·7	+03	42	34	-	7	7	8	-	-	3	60
Culdrose ...	260	130	13	71	c	07·1	+07	42	35	-	7	-	8	-	-	7	58
Scilly, St. Mary's	158	130	19	74	c	03·7	+00	44	35	5	-	-	8	8	10	-	-
Guernsey ...	340	120	08	60	b	08·5	+09	36	30	-	-	-	0	-	-	-	-
Aberporth ...	375	120	11	66	b	07·8	-05	33	27	-	-	8	2	-	-	2	73
Pembroke Dock	34	110	12	56	c	08·0	00	38	33	-	-	7	8	-	-	8	70
Holyhead (Valley)	32	090	02	82	b	08·8	+01	29	23	-	-	-	0	-	-	-	-
Manchester ...	248	090	08	10	b	11·5	+08	24	20	-	-	-	0	-	-	-	-
Squires Gate ...	33	110	02	07	bf	11·0	+10	23	22	-	-	-	0	-	-	-	-
Silloth	25	050	09	56	b	11·2	+10	29	28	-	-	-	0	-	-	-	-
Lindholme ...	21	200	08	11	b	11·7	+11	23	22	-	-	-	0	-	-	-	-
Spurn Head ...	29	280	06	12	b	11·3	+09	32	31	-	-	-	0	-	-	-	-
Dishforth ...	105	-	0	48	b	11·7	+10	21	18	-	-	-	0	-	-	-	-
Tynemouth ...	108	320	06	48	bc	11·1	+09	34	30	5	-	-	3	3	30	-	-
Leuchars ...	36	-	0	66	b	11·1	+05	23	19	-	-	-	0	-	-	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	100	03	56	c	10·1	+07	32	29	5	-	-	6	6	50	-	-
West Freugh ...	50	090	10	58	b	09·6	+06	27	27	5	-	-	1	1	25	-	-
Ronaldsway ...	55	120	14	82	b	09·6	+03	37	28	1	-	-	1	1	25	-	-
Tiree	29	140	18	82	bc	08·5	+05	37	31	8	-	-	5	4	27	2	20
Benbecula ...	18	150	13	87	b	08·0	00	32	29	-	-	-	0	-	-	-	-
Stornoway ...	10	170	13	74	b	09·0	+03	35	32	-	-	-	0	-	-	-	-
Cape Wrath ...	367	180	09	83	b	08·0	-05	32	19	-	-	-	0	-	-	-	-
Sule Skerry ...	43	180	09	82	bc	08·6	-02	39	28	5	-	-	4	4	15	-	-
Renfrew ...	28	060	02	09	bf+	11·2	+09	27	25	-	-	-	0	-	-	-	-
Dyce	185	-	0	64	b	11·6	+08	15	12	5	-	-	1	1	30	-	-
Wick	119	250	05	86	b	10·7	+09	25	18	-	-	-	0	-	-	-	-
Lerwick ...	269	-	0	83	b	09·9	+11	22	17	5	-	1	1	1	35	-	-
Blacksod Point	18	120	21	90	jp	03·6	-13	38	33	9	-	-	7	7	45	3	15
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	100	09	57	b	08·3	+02	28	24	5	-	-	1	1	40	-	-
Castle Archdale	225	140	07	63	b	06·8	-07	24	23	5	-	-	1	1	35	-	-
Birr Castle ...	231	120	11	74	c/r	04·3	-11	37	32	5	-	-	8	8	35	-	-
Collinstown ...	226	140	17	78	bc	07·5	-05	38	29	5	3	1	5	3	28	-	-
Rineanna ...	10	120	17	69	ir_o	03·0	-12	38	35	5	-	-	8	8	50	3	15
Valentia ...	30	090	26	80	bc	98·3	-06	43	38	5	-	-	5	5	23	-	-
Midleton ...	30	120	17	66	$r_o r_o$	03·1	-07	40	38	7	-	-	8	8	18	-	-

OBSERVATIONS at 06 h. G.M.T. 20th January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form: Low † (25)	Cloud: Form: Medium † (26)	Cloud: Form: High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer: Amt. 0–8 (29)	Cloud: Main layer: Ht. † (30)	Cloud: Lowest layer: Amt. 0–8 (31)	Cloud: Lowest layer: Ht. † (32)	09h. State of ground † (33)
Kew	080	06	02	bf	12·5	+04	28	28	-	-	-	0	-	-	-	-	3
London Airport	-	0	05	bf	12·4	+05	26	25	-	-	-	0	-	-	-	-	3
Tangmere ...	060	09	62	c	11·3	+02	33	27	-	-	6	7	-	-	7	73	3
Bournemouth (Hurn	100	05	58	c	10·0	-03	34	31	-	7	8	8	-	-	3	59	1
Boscombe Down	100	06	48	bc	11·5	-02	29	26	-	-	2	3	-	-	5	75	5
Felixstowe ...	-	0	06	bf	13·4	+05	23	23	-	-	-	0	-	-	-	-	6
Gorleston ...	250	02	25	b	13·6	+07	27	24	-	-	-	0	-	-	-	-	5
West Raynham	200	03	23	b	13·0	+06	17	15	-	-	-	0	-	-	-	-	7
Mildenhall ...	230	05	19	b	13·0	+01	20	15	-	-	-	0	-	-	-	-	6
Cranfield ...	-	0	14	b/f	13·0	+05	19	17	-	-	-	0	-	-	-	-	9
Elmdon ...	-	0	06	bf-	12·5	-04	09	06	-	-	-	0	-	-	-	-	7
Cottesmore ...	-	0	48	b	12·9	+02	23	21	-	-	-	0	-	-	-	-	7
Watnall ...	-	0	06	bf+	13·1	+02	20	19	-	-	-	0	-	-	-	-	7
Ross-on-Wye ...	360	01	24	c	10·4	-06	23	22	6	-	-	8	8	15	-	-	6
Shawbury ...	-	0	23	b	11·7	-01	19	15	-	-	-	0	-	-	-	-	7
Bristol	100	09	48	c	10·1	-06	32	27	-	1	-	8	-	-	8	65	5
Plymouth ...	110	13	58	r	07·2	-08	39	35	5	2	-	8	8	44	5	24	1
Chivenor ...	100	12	66	c	07·1	-06	39	33	5	-	-	8	8	50	1	20	1
St. Eval... ...	130	12	48	rr	04·7	-07	40	39	5	-	-	8	8	32	-	-	1
Culdrose ...	110	13	58	id_o	06·4	-06	40	40	6	2	-	8	8	45	5	08	1
Scilly, St. Mary's	200	11	58	ir_o	01·4	-17	50	49	5	-	-	8	8	10	-	-	2
Guernsey ...	140	10	58	bc	09·1	-04	37	32	-	7	-	4	4	56	-	-	1
Aberporth ...	160	11	66	c	06·2	-07	36	26	5	-	-	8	8	57	-	-	3
Pembroke Dock	090	10	56	ir	06·2	-12	40	36	5	-	-	8	8	16	-	-	2
Holyhead (Valley)	120	05	74	c	07·4	-11	35	21	-	7	-	8	8	58	-	-	3
Manchester ...	130	08	58	b	11·4	-01	25	20	-	-	-	0	-	-	-	-	9
Squires Gate ...	120	04	29	b	10·4	-05	26	24	-	-	1	2	-	-	2	75	3
Silloth	280	08	59	c	10·6	-04	25	24	5	-	-	7	7	30	-	-	6
Lindholme ...	180	06	03	bf	12·4	+03	19	17	-	-	-	0	-	-	-	-	7
Spurn Head ...	-	0	04	bf	11·9	+01	30	30	-	-	-	0	-	-	-	-	3
Dishforth ...	-	0	01	bf+	12·3	-04	13	11	-	-	-	0	-	-	-	-	6
Tynemouth ...	-	0	24	jf	11·9	00	33	30	5	-	-	6	6	30	-	-	5
Leuchars ...	280	01	60	b	11·4	-03	17	15	-	-	-	0	-	-	-	-	7
Eskdalemuir ...	-	0	66	b	11·3	-05	23	20	-	-	-	0	-	-	-	-	7
Prestwick ...	100	08	58	bc	09·7	-02	31	29	-	7	-	4	-	-	4	60	5
West Freugh ...	120	16	66	c	08·0	-07	37	31	5	7	-	7	4	22	-	-	6
Ronaldsway ...	130	23	58	c	08·4	-09	38	30	5	7	-	8	2	25	-	-	1
Tiree	140	25	74	b	06·2	-14	37	32	5	-	-	1	1	20	-	-	7
Benbecula ...	160	22	82	bc	05·3	-11	37	32	5	-	6	5	2	45	-	-	7
Stornoway ...	180	17	74	b	06·7	-16	36	31	-	-	1	1	-	-	1	70	7
Cape Wrath ...	180	05	83	b	06·7	-16	33	17	-	-	-	0	-	-	-	-	9
Sule Skerry ...	180	09	82	b	07·7	-08	36	25	5	-	-	2	2	15	-	-	6
Renfrew ...	080	07	40	bc	10·4	-07	29	26	5	-	-	5	5	37	-	-	6
Dyce	-	0	60	b	12·1	-02	09	06	5	-	-	1	1	30	-	-	7
Wick	140	14	96	ks	09·9	-07	35	22	5	-	-	1	1	25	-	-	9
Lerwick ...	-	0	83	c	10·9	+02	27	23	5	-	5	6	2	40	-	-	7
Blacksod Point	120	33	70	c	00·3	-23	38	35	6	-	-	7	7	45	3	15	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5
Aldergrove ...	120	10	66	c	06·8	-09	36	30	5	2	-	8	3	25	-	-	8
Castle Archdale	140	13	63	r_o	04·2	-16	34	32	5	2	-	8	7	23	-	-	7
Birr Castle ...	150	18	61	ir_o	01·4	-18	38	34	6	-	-	8	8	15	-	-	5
Collinstown ...	140	20	74	ir_o	05·6	-11	39	33	6	-	-	8	8	15	-	-	5
Rineanna ...	170	17	74	c/r	01·2	-09	41	38	6	-	-	8	8	14	3	11	2
Valentia ...	130	08	78	c/pr	98·9	+05	47	45	2	-	-	7	7	20	-	-	1
Midleton ...	120	15	56	dr_o	00·7	-12	45	44	7	-	-	8	8	06	-	-	1

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Weather: 21h.–03h. (39)	Weather: 03h.– 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h. 09h. – mm. (43)
Kew	bF	bFF FFx	25	14	TR
London Airport	bFx bfx	bfxc	23	17	-
Tangmere ...	bm_ox bx	bxcx	31	25	-
Bournemouth (Hurn	bm_ox cm_ox	cm_ox cm_o	32	25	-
Boscombe Down	bm_ox	bm_ox cm_ox cm_o	26	23	TR
Felixstowe ...	bfx	bFx bmx	33	12	-
Gorleston ...	bm_ox	bmx cfx	23	14	-
West Raynham	bm_o	bm_o bcm_o	16	06	-
Mildenhall ...	bm_o	bmx	17	11	-
Cranfield ...	bmbf	bf bm	16	12	-
Elmdon ...	bfbF	bFcf	09	08	-
Cottesmore ...	bm_o	bm_o cm_o	22	16	-
Watnall ...	bm bf	bfm bf	17	13	-
Ross-on-Wye ...	bm_o cm_o	cm_o cm_o	20	13	-
Shawbury ...	bfF	bfm$_o$f	11	09	-
Bristol	bbcx	cxc	26	18	-
Plymouth ...	cm_o cz_o	cir_o $iR o_{r_o}$	39	35	3
Chivenor ...	bcc	$cci r_o m_o$ ir_o	36	32	1
St. Eval... ...	bbcc cir_o m_o	cm_o rr	39	35	4
Culdrose ...	$coir_o$	$or_o r_o$ idrr	38	37	10
Scilly, St. Mary's	orr ir	cir	41	*	T
Guernsey ...	bbc	bcc ir_o s_oc	35	29	TR
Aberporth ...	bcm_o bcx c	cc ir_o	32	28	TR
Pembroke Dock	cm_o	cm_o $cr_o r_o$ m_o	38	20	2
Holyhead (Valley)	bx	bxc	26	18	-
Manchester ...	bmb	bbc	22	xx	-
Squires Gate ...	bmtf bmx	bm_o bcm_o x	21	18	-
Silloth	cm_ox bm_ox	bcm_ox cx	23	19	-
Lindholme ...	bm bff	bff	14	12	-
Spurn Head ...	bm bf	bf bcm	29	*	-
Dishforth ...	bm_o	bmbf F	21	14	-
Tynemouth ...	bcm_o cm_o	cm_o cff	30	24	-
Leuchars ...	b	bcm_o	17	13	-
Eskdalemuir ...	b	bbcc	21	15	-
Prestwick ...	bcm_o	bcm_o cx	30	26	-
West Freugh ...	bxmc	cm	24	18	-
Ronaldsway ...	bxbc	c	28	19	-
Tiree	bbc	bbcc	36	21	-
Benbecula ...	bx	bcc	28	24	-
Stornoway ...	b	bbcc	29	23	-
Cape Wrath ...	b	b	30	25	-
Sule Skerry ...	*	*	34	25	-
Renfrew ...	bm_o fx	cm	26	21	-
Dyce	bm_o b	bcm$_o$	07	-01	-
Wick	cyb cbx	bxcks_o	22	17	-
Lerwick ...	b	bbcc	19	18	-
Blacksod Point	bc	c	36	29	-
Malin Head ...	*	*	29	*	-
Aldergrove ...	bx m_o	b-c	23	18	-
Castle Archdale	bx	$es o_r$ c	21	14	0·1
Birr Castle ...	r	s	36	33	1
Collinstown ...	bc	d	36	30	TR
Rineanna ...	r	r	37	35	3
Valentia ...	r	p	39	37	11
Midleton ...	r	r	39	38	12

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Pressure: Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F Air	Temp.: °F Sea	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VARRIER	58°12′	18°54′	997	+08	240	06	b	b	54	54	50	97	5	-	-	1	1	8
WEATHER OBSERVER	58°42′	18°24′	992	-40	170	30	c/pr	p	45	48	44	98	8	-	-	7	7	9½
CIRRUS	45°0′	15°54′	1005	-07	240	20	c/r	r	57	56	57	56	7	2	-	7	8	11
POLAR FRONT	65°42′	02°12′E	1001	+26	310	27	bc	p	30	37	14	99	9	6	-	2	5	14
WEATHER WATCHER	62°12′	21°48′	984	+04	320	35	c	p	27	40	19	98	6	-	-	6	6	13
U.S. SHIP "C"	52°54′	34°18′	989	-07	200	05	bc	c	46	47	42	65	5	-	8	4	4	6½
EXPRESS OF AUSTRALIA	51°30′	15°30′	998	+10	220	09	c	c	53	51	54	98	2	-	-	7	7	x
WEATHER EXPLORER	59°6′	22°6′	986	-12	150	37	c	p	47	47	43	97	3	-	-	3	8	13
MERMOZ	49°6′	10°16′	999	-03	250	27	c	bc	54	52	48	58	5	-	-	6	6	11
WINCHESTER CASTLE	45°0′	08°0′	1011	-04	240	16	bc	bc	56	59	54	98	4	3	-	3	4	6½

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Pressure: Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F Air	Temp.: °F Sea	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
LE VERRIER	51°18′	18°48′	998	+08	220	12	c	c	54	54	50	97	5	-	5	4	7	5
WEATHER OBSERVER	58°36′	18°6′	985	-45	180	35	ir_o	r	48	49	48	97	5	2	-	7	8	11
CIRRUS	45°0	16°0′	1008	+21	260	21	c	d	59	58	55	60	5	-	-	7	7	11
POLAR FRONT	65°54′	02°6′E	1005	+14	320	19	c	p	30	36	23	99	9	-	-	8	8	8
WEATHER WATCHER	62°24′	32°16′	984	-02	290	30	bc	p	30	43	23	98	3	-	-	3	3	1.4
U.S. SHIP "C"	52°48′	34°42′	988	-07	030	36	c	bc	45	47	41	69	5	-	-	7	7	10
U.S. SHIP "D"	44°0′	41°0′	978	+36	230	53	$r_o r_o$	c	52	57	47	59	-	2	-	8	8	17½
WEATHER EXPLORER	58°48′	20°30′	981	-15	180	32	rr	r	48	48	48	95	7	-	-	8	8	13
MERMOZ	49°30′	11°30′	1001	+14	280	21	b	b	54	50	46	60	5	-	-	2	2	8
WINCHESTER CASTLE	46°42′	06°42′	1008	-02	240	13	bc	bc	54	56	50	98	4	3	-	2	3	6½

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* Information not usually received.
† Code figure (see Introduction)

No. 34028.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Friday 21st January, 1955

OBSERVATIONS at 12h. G.M.T. 20th January, 1955.

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer † Ht. (16)
Kew	110	05	09	c/f	13·1	+01	36	24	5	1	-	8	5	50	-	-
London Airport	100	08	10	c	12·6	-03	35	27	-	7	7	8	-	-	4	62
Tangmere	120	12	58	b	12·0	+00	39	31	-	7	6	7	-	-	5	60
Bournemouth (Hurn	140	11	62	c	10·4	+04	42	31	-	7	-	7	-	-	7	58
Boscombe Down	140	09	59	c	11·7	+03	36	31	5	3	-	7	1	20	-	-
Felixstowe	170	10	66	bc	14·9	+02	36	24	-	-	2	4	-	-	2	75
Gorleston	160	09	58	bc/f	15·1	+00	37	29	-	-	5	4	-	-	4	75
West Raynham	130	07	26	bc	14·0	-05	30	24	-	-	2	5	-	-	5	70
Mildenhall	150	07	27	c	13·3	-08	37	21	-	4	1	6	-	-	1	60
Cranfield	110	15	48	c	12·6	-08	32	24	-	7	8	6	-	-	4	66
Elmdon	140	08	28	c	11·6	-10	33	28	-	3	-	7	-	-	7	58
Cottesmore	130	14	28	c	13·6	+03	29	24	-	-	2	6	-	-	6	73
Watnall	120	07	08	bc/f-	13·4	-05	30	26	-	-	8	8	-	-	5	70
Ross-on-Wye	180	06	24	c	10·2	-02	36	27	-	7	-	7	-	-	7	58
Shawbury	130	07	48	c	10·5	-08	35	26	-	7	8	7	-	-	4	63
Bristol	110	09	56	c	10·6	-02	35	30	5	7	-	7	2	25	-	-
Plymouth	110	10	20	d_0d_0	07·5	-10	40	39	6	2	-	8	8	50	1	10
Chivenor	090	08	63	i_0d_0	07·7	+07	39	34	5	-	-	8	8	27	3	25
St. Eval	120	16	56	i_0d_0	06·2	+13	43	43	6	2	-	8	8	25	1	05
Culdrose	230	13	56	i_0d_0	06·7	+11	49	49	6	7	-	7	6	10	5	03
Scilly, St. Mary's	270	15	63	c	05·2	+25	51	50	5	-	-	7	7	12	-	-
Guernsey	160	16	57	c/r	09·6	+04	40	38	5	7	-	8	5	40	4	16
Aberporth	150	25	62	i_0	06·2	+08	36	33	5	7	-	7	7	25	1	08
Pembroke Dock	120	12	28	d_0d_0	06·9	+03	37	36	6	-	-	8	8	12	6	08
Holyhead (Valley)	150	07	59	c	06·6	-04	39	24	1	7	-	8	1	40	-	-
Manchester	170	17	57	c	10·5	-06	36	24	-	3	7	8	-	-	5	60
Squires Gate	130	17	24	c	09·8	-09	35	25	-	3	-	8	-	-	8	59
Silloth	150	02	63	c	09·8	-11	37	22	5	7	-	7	1	30	-	-
Lindholme	140	10	06	c/f	10·1	-01	26	23	-	-	6	6	-	-	6	70
Spurn Head	160	09	16	bc	13·7	+03	34	31	-	-	9	5	-	-	5	70
Dishforth	140	03	01	f	13·1	00	20	19	-	-	-	9	-	-	-	-
Tynemouth	250	08	08	bc/f	11·6	-03	33	30	-	7	-	4	4	57	-	-
Leuchars	-	0	13	c	10·1	-12	27	24	5	7	8	8	3	40	-	-
Eskdalemuir	-	0	66	c	10·0	-08	32	27	-	7	-	7	-	-	7	58
Prestwick	160	10	68	c	08·1	-06	36	27	5	7	-	8	3	50	-	-
West Freugh	150	18	56	c	06·8	-07	38	29	-	7	-	8	-	-	7	59
Ronaldsway	130	23	29	c	07·6	+03	38	30	5	7	-	8	2	40	-	-
Tiree	160	28	58	c/r	03·9	-11	39	32	5	2	-	8	7	20	-	-
Benbecula	160	22	68	c	02·7	-16	38	31	5	3	-	8	5	35	-	-
Stornoway	170	23	80	c	04·3	-20	37	30	5	7	-	7	4	35	-	-
Cape Wrath	180	05	88	bc	03·8	-29	35	19	5	4	-	3	3	30	-	-
Sule Skerry	180	19	82	c	05·9	-10	36	27	5	-	-	6	6	15	-	-
Renfrew	070	06	08	if	09·1	-09	35	29	-	7	-	7	-	-	7	58
Dyce	170	11	58	c/s	10·4	-16	35	30	5	-	8	8	5	35	1	10
Wick	170	18	74	c	08·1	-11	37	28	8	3	8	7	2	15	-	-
Lerwick	190	24	82	c	09·3	-08	36	25	6	-	-	7	7	35	-	-
Blacksod Point	140	05	70	c	00·6	+02	42	41	6	-	-	7	7	45	4	19
Malin Head	180	15	60	c	02·1	-16	37	31	6	-	-	7	7	11	-	-
Aldergrove	150	12	66	i_0	05·5	-02	38	32	5	7	-	8	4	25	-	-
Castle Archdale	140	11	62	c/r	03·2	-02	35	35	6	-	-	8	8	20	4	08
Birr Castle	140	12	70	c	03·2	+11	41	39	6	-	-	8	8	17	7	14
Collinstown	150	16	59	c	05·3	-01	40	38	6	-	-	7	7	23	6	08
Rineanna	140	09	62	c/d	03·0	+11	45	44	5	-	-	8	8	22	3	04
Valentia	200	08	80	c	03·1	+24	51	47	5	-	-	7	7	32	3	16
Midleton	-	0	56	9	03·4	+19	48	47	6	-	-	8	8	05	-	-

OBSERVATIONS at 18h. G.M.T. 20th January, 1955.

STATIONS (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	120	07	20	c	12·1	+01	36	30	5	7	-	8	5	45	-	-	1
London Airport	110	06	20	c	11·9	-01	36	30	-	7	-	8	-	-	8	58	3
Tangmere	140	06	48	c	11·9	+03	37	34	5	7	-	8	7	36	-	-	1
Bournemouth (Hurn	140	07	36	d_0d_0	10·2	+00	40	39	7	-	-	8	8	10	6	04	1
Boscombe Down	170	06	37	d_0	10·9	+01	36	35	5	-	-	7	7	25	2	12	5
Felixstowe	140	14	62	bc	14·1	+02	37	31	-	4	-	3	-	-	3	59	6
Gorleston	150	23	62	b	14·5	+05	38	28	5	-	-	1	1	35	-	-	5
West Raynham	130	12	58	bc	13·3	+01	32	28	-	7	8	3	-	-	1	60	7
Mildenhall	160	12	58	b	12·8	+01	35	29	-	7	2	2	-	-	2	62	6
Cranfield	120	10	56	c	11·6	-04	33	26	-	7	-	8	-	-	8	59	9
Elmdon	130	04	19	c	10·9	-02	33	28	5	-	-	8	8	35	-	-	7
Cottesmore	100	11	23	c	12·8	-01	31	29	5	7	-	8	3	50	-	-	7
Watnall	140	09	13	c	12·5	-01	33	33	-	7	-	7	-	-	7	61	7
Ross-on-Wye	150	02	24	o	09·7	-01	36	30	6	-	-	8	8	20	-	-	5
Shawbury	160	03	23	c	09·9	-04	34	28	5	7	-	7	7	58	3	25	7
Bristol	110	07	21	i_0d_0	09·6	-01	37	34	6	-	-	8	8	10	-	-	5
Plymouth	-	0	11	c	09·1	+16	44	43	6	-	-	8	8	20	3	11	1
Chivenor	130	07	32	i_0d_0	09·3	+15	40	38	6	-	-	8	8	05	-	-	1
St. Eval	210	06	23	o	08·7	+15	47	47	6	-	-	8	8	01	-	-	1
Culdrose	240	12	20	c	09·4	+13	48	48	6	-	-	8	7	18	3	03	1
Scilly, St. Mary's	240	10	61	bc	07·9	+13	49	48	5	7	-	4	3	11	-	-	1
Guernsey	230	08	40	o	10·7	+11	49	49	6	-	-	8	8	02	-	-	1
Aberporth	160	16	61	c	07·0	+10	38	35	6	-	-	7	7	25	6	09	1
Pembroke Dock	090	04	36	d_0d_0	07·6	+10	41	41	6	-	-	8	8	06	-	-	2
Holyhead (Valley)	150	06	58	c	06·6	-02	41	35	5	-	-	8	8	43	-	-	1
Manchester	150	15	32	bc	09·6	-06	35	27	-	7	8	4	-	-	4	60	9
Squires Gate	140	14	22	c	09·0	-01	35	29	5	2	-	8	2	45	-	-	3
Silloth	-	0	20	c	08·3	+01	36	25	-	7	-	8	-	-	8	58	6
Lindholme	140	10	14	c	11·4	-12	33	28	-	5	-	7	-	-	7	60	7
Spurn Head	150	17	58	c	13·0	-02	36	33	5	-	-	6	6	20	-	-	1
Dishforth	140	10	14	bc	11·5	-02	30	27	-	3	-	8	-	-	3	58	6
Tynemouth	190	16	40	c	10·6	-07	35	32	5	-	-	7	7	28	-	-	5
Leuchars	150	04	62	c	08·1	-06	34	28	-	7	-	8	-	-	8	59	7
Eskdalemuir	-	0	58	c	08·6	-03	32	25	-	7	-	8	-	-	8	58	7
Prestwick	140	13	30	r_0	06·4	00	37	32	5	-	-	8	8	20	-	-	5
West Freugh	130	14	23	c	05·9	-00	39	34	5	2	-	8	6	20	-	-	5
Ronaldsway	140	14	37	c	06·9	-01	40	34	5	-	-	8	8	22	1	15	1
Tiree	180	24	48	rr	01·6	-02	41	40	7	2	-	8	8	20	7	08	6
Benbecula	170	21	48	r_0r_0	00·1	-05	38	36	7	-	-	8	8	19	6	12	6
Stornoway	180	30	66	c	00·8	-11	38	33	5	2	-	8	6	30	-	-	7
Cape Wrath	180	09	83	bc	02·0	-08	37	21	5	-	-	5	5	30	-	-	9
Sule Skerry	180	24	82	c	02·7	-10	38	33	5	-	-	8	8	10	-	-	5
Renfrew	090	07	17	s_0s_0	07·3	-05	34	31	5	7	-	8	6	32	-	-	6
Dyce	170	16	48	c	07·6	-11	37	29	5	-	-	8	8	56	2	10	7
Wick	150	20	80	c	04·1	-18	38	30	5	3	-	6	2	20	-	-	9
Lerwick	190	29	82	bc/p_r	05·2	-22	37	34	8	3	-	5	4	30	1	26	6
Blacksod Point	190	05	70	c	01·7	+12	46	45	8	-	-	7	7	49	3	15	
Malin Head	180	09	58	c	01·8	+08	39	36	6	-	-	7	7	11	-	-	
Aldergrove	160	15	56	c	04·0	+01	38	37	6	-	-	8	8	13	5	08	5
Castle Archdale	170	08	68	c/d	03·1	+08	37	37	6	-	-	8	7	06	-	-	7
Birr Castle	170	08	66	i_0d_0	04·2	+13	43	43	6	7	-	8	4	16	-	-	
Collinstown	150	08	40	c	05·5	+11	41	40	6	8	-	8	5	32	2	05	
Rineanna	190	05	66	bc	04·6	+13	45	43	5	-	-	5	5	35	2	20	
Valentia	170	07	72	bc	04·1	+05	49	47	6	3	-	4	2	13	-	-	
Midleton	190	03	56	o	05·4	+13	47	47	6	-	-	8	8	12	-	-	

OBSERVATIONS during DAY

STATIONS (For heights see p. 4)	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	bfcmxc2	c2m₀m	38	0·0	Tr
London Airport	cfxc2₀	c2₀cmir₀fcf	37	*	Tr
Tangmere	cx2₀	cm₀ddm	40		0·1
Bournemouth (Hurn	cc2₀	c[illegible]r₀m₀cd₀r₀m₀	42	*	0·1
Boscombe Down	cm₀c2₀	cir₀m₀ddm₀f	39	0·1	1
Felixstowe	bmx	cb	38	2·7	-
Gorleston	bcfxc2c	cb	40	3·0	-
West Raynham	bcm₀2₀cm₀	cbccm₀	34	4·6	-
Mildenhall	cmxc2₀	bbcm₀	38	2·6	-
Cranfield	bcmc2₀	cm₀2₀	34	0·0	-
Elmdon	cfc2₀	c2₀c2	36	1·5	-
Cottesmore	cm₀c2₀	cm₀	32	3·1	-
Watnall	bbccffz	cmff	35	0·0	-
Ross-on-Wye	cm2o2₀	o2omid₀	37	0·0	Tr
Shawbury	omfcm₀c2₀	cir₀s₀c2₀cid₀	36	0·0	Tr
Bristol	cs₀r₀s₀	cr₀₀d₀m	37	0·0	1
Plymouth	cr₀r₀cd₀d₀m₀	cm₀cidcm	44	0·0	0·6
Chivenor	cir₀	cir₀id₀m₀	41	0·0	1
St. Eval	cir₀m₀	oddfcm₀	48	0·1	2
Culdrose	oid₀cid₀	cb	49	0·0	2
Scilly, St. Mary's	oirc	cbccb	51	0·3	0·4
Guernsey	cir₀cd₀	cond₀f	49	0·0	2
Aberporth	cir₀irsrrm₀c	cm₀	39	0·1	2
Pembroke Dock	orrRRd₀d₀ir₀m₀	od₀d₀m₀am₀	43	0·0	1c
Holyhead (Valley)	cycir₀m₀cm₀	cm₀	42	0·0	0·2
Manchester	c	c	36	0·0	-
Squires Gate	cm₀xc2₀	c2₀	36	0·3	-
Silloth	cxcy	c2₀	37	0·6	-
Lindholme	bffcffc2₀	cm	33	0·0	-
Spurn Head	bcmbc	cb	37	3·4	-
Dishforth	FFbcf	cfbmcm	31	0·0	-
Tynemouth	cffcm	cm₀	35	0·0	-
Leuchars	cm₀c	ccm₀	36	0·0	-
Eskdalemuir	c	ccm₀	33	0·0	-
Prestwick	cxc	c2₀r₀s₀r₀r₀cm	38	0·0	0·2
West Freugh	cmcir₀m	cmcid₀m	40	0·0	Tr
Ronaldsway	c	ccr₀r₀	42	0·0	Tr
Tiree	cir₀	cir₀RRddm₀	42	0·0	2
Benbecula	c	cid₀r₀[illegible]r₀cm₀	39	0·0	1
Stornoway	c	cccr₀	39	0·6	Tr
Cape Wrath	bc	bcyc	38	*	-
Sule Skerry			40	*	0·2
Renfrew	cffcm₀	cm₀cs₀s₀ir₀cm₀	36	0·0	Tr
Dyce	cis₀r₀cm₀	ccis₀m₀	37	0·0	0·2
Wick	cks₀c	bcb	38	0·1	-
Lerwick	c	cpr₀s₀pr₀c	39	0·0	1
Blacksod Point	r	bc	48	0·0	Tr
Malin Head	e	r	40	0·1	1
Aldergrove	cr₀r₀m₀	cddid₀m₀	39	0·0	2
Castle Archdale	cr₀s₀mcr₀r₀	cdd₀d₀f	37	0·0	0·3
Birr Castle	r	d	43	0·0	0·6
Collinstown	r	c	41	0·0	1
Rineanna	r	d	48	0·0	1
Valentia	p	c	53	0·8	0·5
Midleton	r	r	50	0·1	1

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58° 24′	18° 0′	987	+24	330	22	i_0	r	44	48	40	97	5	2	-	8	8	6½
LE VERRIER	51° 12′	18° 36′	997	-07	160	14	d_0d_0	c	54	53	50	98	5	6	-	7	7	5
CIRRUS	45° 6′	15° 54′	1011	+23	230	18	d_0d_0	c	57	56	57	30	7	2	-	7	8	19
POLAR FRONT	66° 0′	02° 0′E	1007	+02	200	11	i_0	c	30	36	28	98	7	2	-	2	8	6½
WEATHER WATCHER	62° 18′	32° 12′	985	+11	280	20	c	p	28	40	18	98	8	-	-	6	6	5
U.S. SHIP "C"	52° 48′	35° 0′	987	-03	050	30	c	c	45	47	41	65	5	-	-	8	8	8
U.S. SHIP "D"	44° 0′	41° 0′	987	+42	250	34	c	p	52	57	44	63	5	-	-	8	8	19
WEATHER EXPLORER	58° 30′	18° 30′	989	+41	310	24	c	r	42	48	37	98	5	2	-	6	7	6½
SALACIA	51° 12′	22° 42′	993	+12	190	13	c	c	54	53	52	97	5	1	-	2	6	-
RATHLIN HEAD	53° 36′	26° 12′	991	+05	090	15	c	c	49	50	47	98	4	-	-	8	8	-

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58° 30′	18° 0′	992	+14	310	13	bc	r	40	48	21	98	5	-	-	5	5	5
LE VERRIER	51° 18′	18° 30′	992	-30	150	10	i_0	d	54	52	54	93	6	-	-	8	8	6½
CIRRUS	44°54′	15° 54′	1009	+01	220	27	c	d	59	56	55	60	5	7	-	6	8	11
POLAR FRONT	66° 6′	02° 0′E	1004	-23	150	21	bc	s	37	43	36	98	5	-	-	3	3	6½
MERMOZ	50°24′	14° 36′	998	-46	180	24	r_0	c	54	54	50	58	7	3	-	8	8	9½
U.S. SHIP "C"	52°48′	35° 0′	986	-06	040	33	r_0r_0	d	43	47	43	59	6	-	-	8	8	8
U.S. SHIP "D"	44° 0′	41° 0′	991	+24	270	32	bc	c	54	58	46	91	5	-	-	5	5	19
WEATHER EXPLORER	58° 12′	17° 0′	993	+21	130	04	c	c	41	48	30	98	5	-	-	6	7	5
REINA DEL PACIFICO	42° 12′	16° 18′	1015	-08	220	24	bc	c	60	55	56	98	2	1	-	3	5	13
SEATTLE STAR	44° 30′	12° 42′	1011	+20	230	18	c/f	d	57	58	57	97	5	-	-	8	8	9½

† CLOUD AMOUNT in eighths (9= sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Thursday 20th January,

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ◯ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ◕ Sky 6/8 covered ◕ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

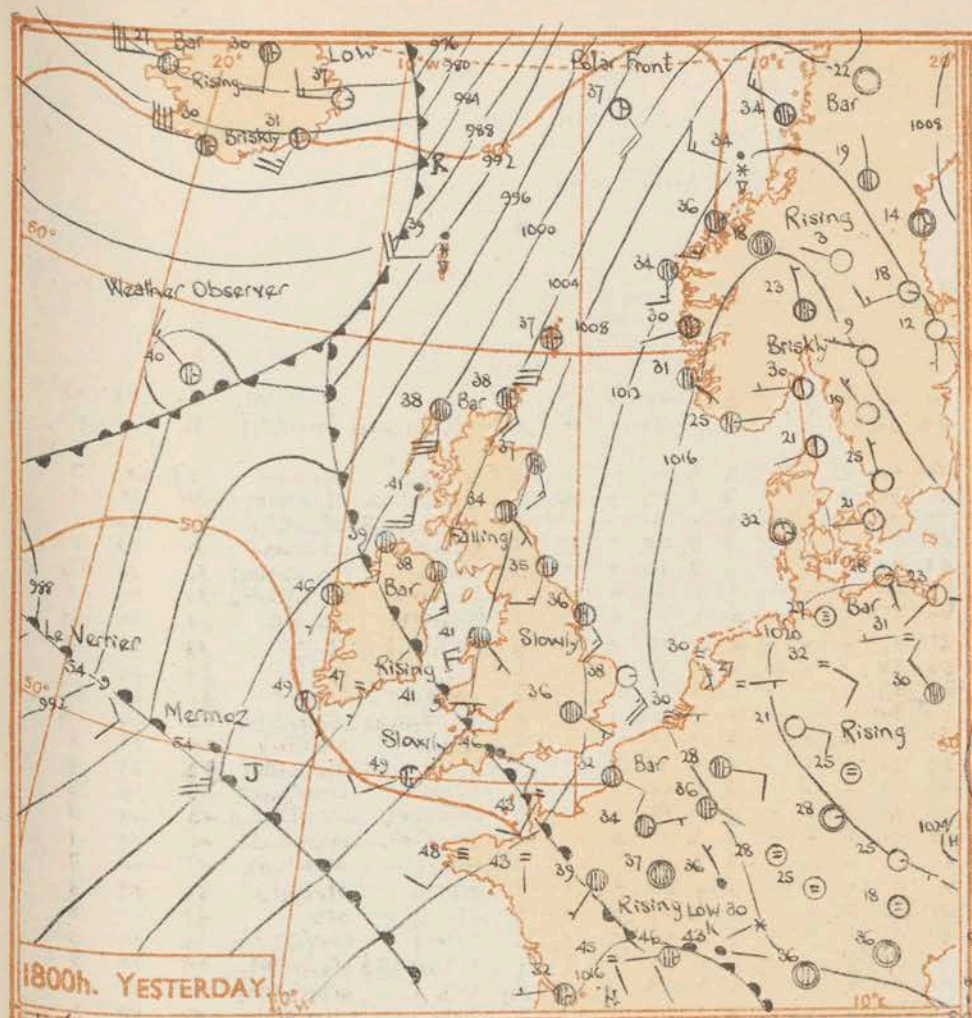
WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ℞ Thunderstorm T Thunder = Fog = Mist

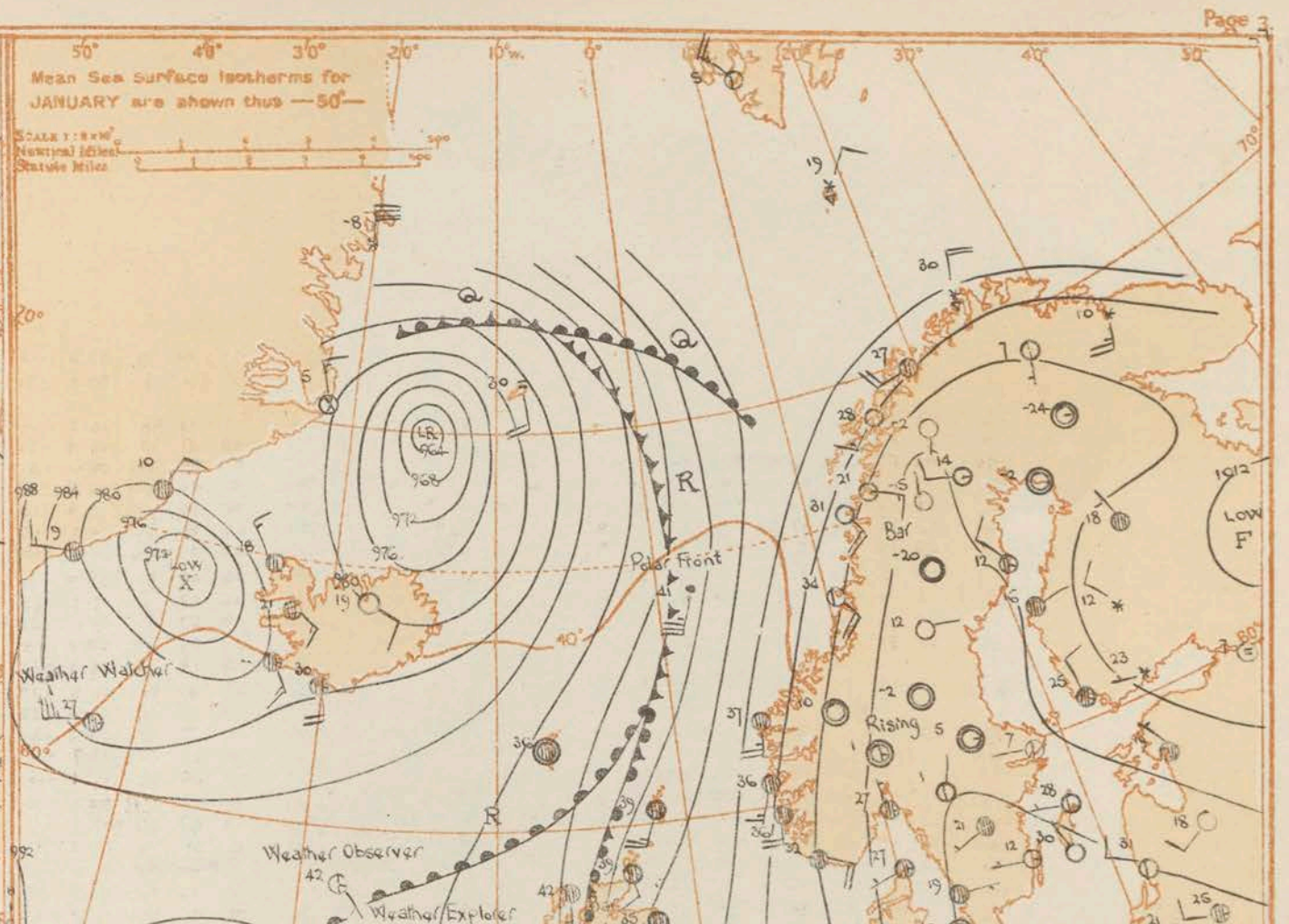
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

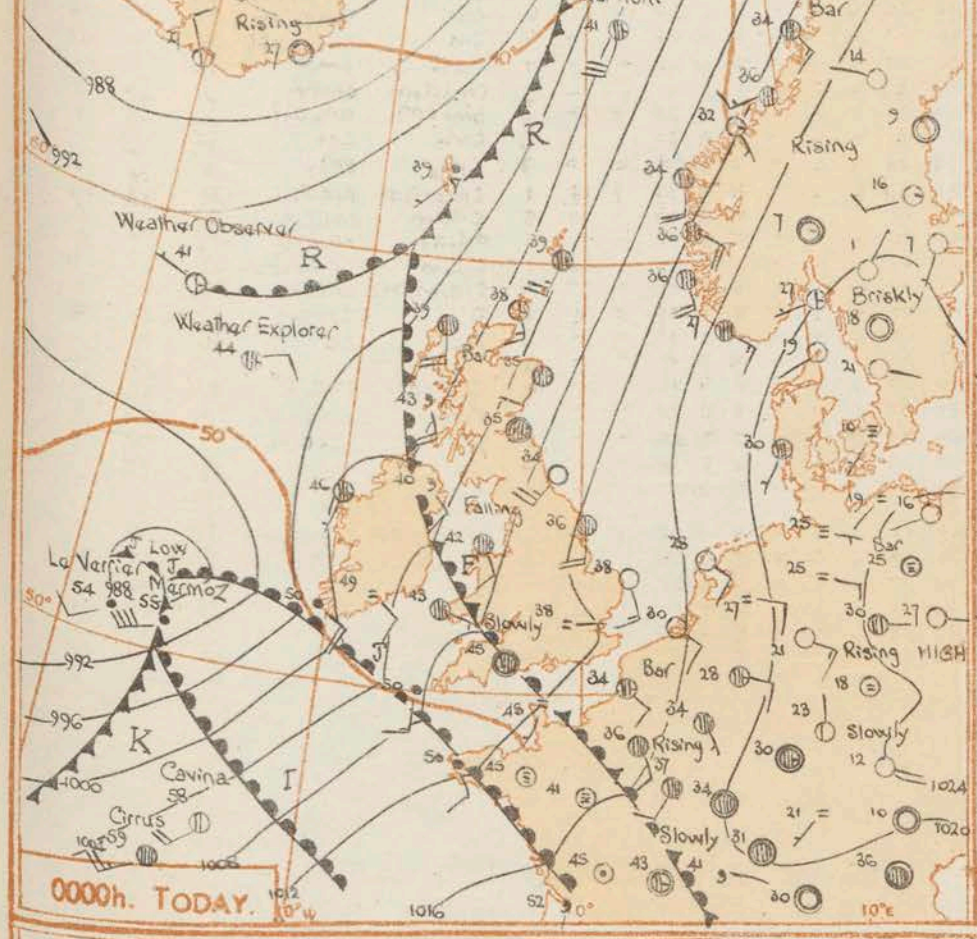
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

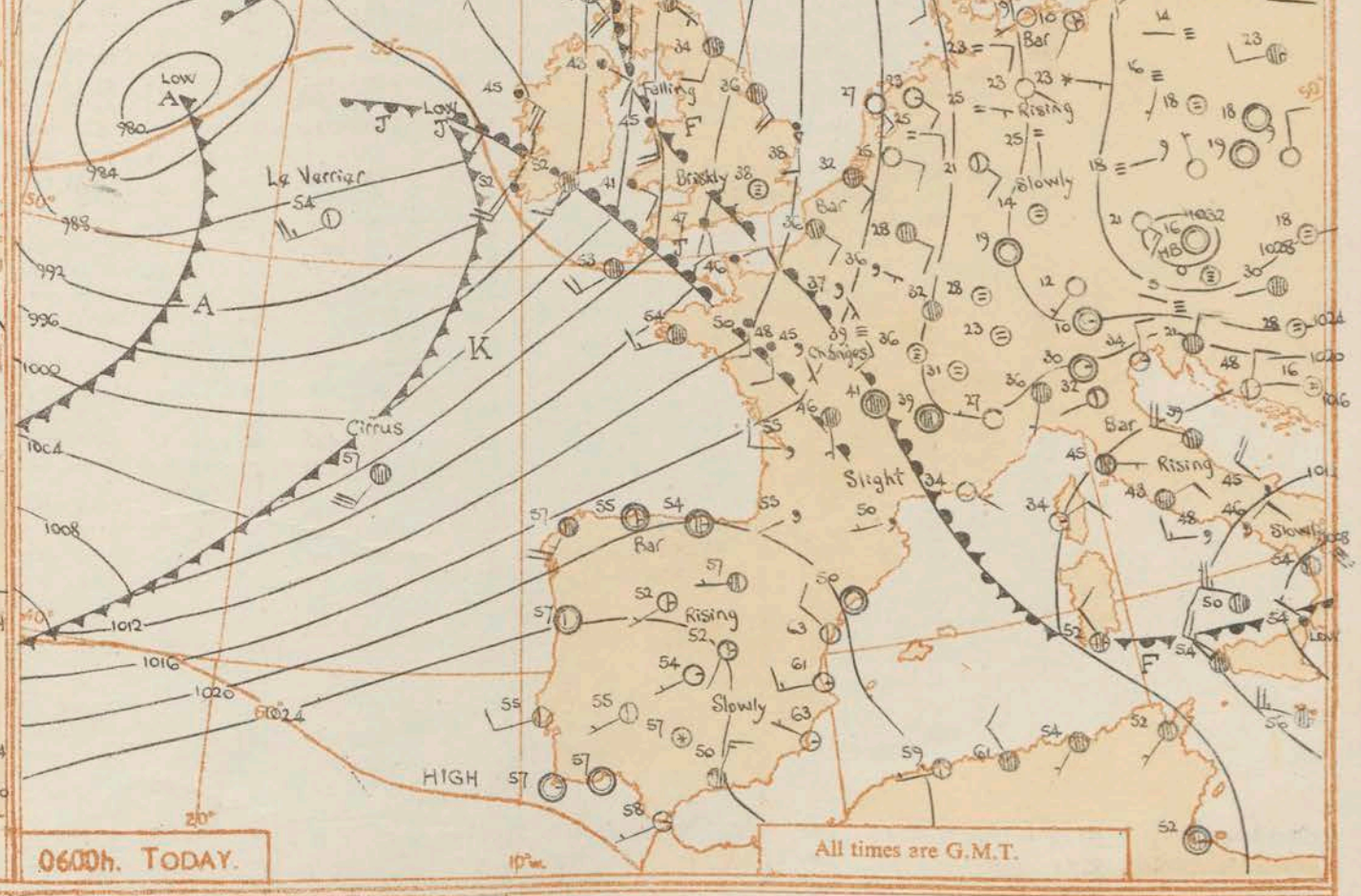
Short strokes across the frontal line indicate Frontolysis.

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.









GENERAL SYNOPTIC DEVELOPMENT:-

The trough of low pressure which lay over our southwest districts yesterday morning advanced northeastwards, and further troughs will move across the country from southwest or west.

Issued at Mid-day... today Friday 21st January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

Mild weather will spread from the southwest to all districts with the thaw continuing and becoming more rapid in northern and eastern districts. There will be mist or fog in many areas as the thaw proceeds, but visibility will improve later. All parts of the country will have periods of rain, but some bright intervals are probable later.

OUTLOOK FOR the following 24 hours:- Mild in most districts at first with rain at times. Becoming a little colder and brighter later.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 21st January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form Low † (9)	Cloud: Form Medium † (10)	Cloud: Form High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer Amt. 0–8 (13)	Cloud: Main layer Ht. † (14)	Cloud: Lowest layer Amt. 0–8 (15)	Cloud: Lowest layer Ht. † (16)
Kew	18	*	*	*	*	*	*	38		*	*	*	*	*	*	*	*
London Airport	82	090	05	19	0	11·4	-07	38	35	6	-	-	8	8	08	-	-
Tangmere ...	53	100	03	14	o|f	11·7	-03	42	41	6	-	-	8	8	02	-	-
Bournemouth (Hurn	34	-	0	01	f	11·0	+03	39	39	6	-	-	8	8	00	-	-
Boscombe Down	414	150	02	F7	d|d.	11·9	+06	36	36	-	-	-	9	-	-	-	-
Felixstowe ...	10	180	11	63	bc	13·8	-01	37	32	-	-	6	5	-	-	5	70
Gorleston ...	5	170	15	56	b	14·1	-02	38	34	-	-	-	0	-	-	-	-
West Raynham	250	190	13	36	bc	12·3	-10	33	31	5	-	-	3	3	56	-	-
Mildenhall ...	15	170	08	48	c	12·3	-10	35	32	5	-	-	8	8	36	-	-
Cranfield ...	340	140	05	32	c|r	11·1	-11	34	33	-	7	-	8	-	-	-	-
Elmdon ...	324	180	03	19	d|o	10·7	-07	34	32	6	-	-	8	8	04	-	-
Cottesmore ...	440	150	10	23	0	11·8	-10	32	30	6	-	-	8	8	05	-	-
Watnall ...	366	150	04	28	c	11·2	-08	33	32	5	-	-	8	8	30	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	160	09	23	0	09·6	-09	34	31	6	-	-	8	8	07	-	-
Bristol	192	-	0	19	0|d	10·3	-01	38	37	6	-	-	8	8	02	-	-
Plymouth ...	90	220	03	24	c	10·1	-01	48	49	6	-	-	8	8	25	4	05
Chivenor ...	20	090	10	48	i|o	09·4	-02	46	45	5	-	-	8	8	28	5	14
St. Eval... ...	336	180	09	04	f|f	08·9	-05	47	47	-	-	-	9	-	-	-	-
Culdrose ...	260	190	11	30	0|f	09·7	-05	49	49	6	-	-	8	8	02	-	-
Scilly, St. Mary's	158	180	14	48	i|o	07·5	-10	50	50	6	-	-	8	8	06	-	-
Guernsey ...	340	190	08	50	0	12·4	+04	48	48	6	-	-	8	8	05	-	-
Aberporth ...	375	170	10	19	0|d	07·4	-01	41	40	6	-	-	8	8	03	-	-
Pembroke Dock	34	120	05	32	0	08·1	-01	43	43	6	-	-	8	8	04	-	-
Holyhead (Valley)	32	170	11	58	c	05·9	-08	42	40	5	-	-	8	5	30	4	16
Manchester ...	248	170	10	19	c	09·0	-11	35	30	5	-	-	8	8	18	-	-
Squires Gate ...	33	140	13	32	c	08·1	-08	35	31	5	-	-	8	8	35	3	18
Silloth	25	-	0	19	c	07·4	-08	35	31	-	7	-	8	-	-	8	58
Lindholme ...	21	150	09	19	c	10·5	-11	33	30	5	-	-	8	6	28	-	-
Spurn Head ...	29	180	18	58	0	12·3	-04	36	33	6	-	-	8	8	20	-	-
Dishforth ...	105	140	09	15	bc	09·8	-16	32	29	5	-	-	5	5	30	-	-
Tynemouth ...	108	200	14	48	b	09·3	-14	34	29	-	-	-	0	-	-	-	-
Leuchars ...	36	-	0	28	c	06·7	-11	35	29	5	-	-	8	8	30	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	150	14	28	c	05·0	-09	38	33	6	-	-	8	8	47	3	13
West Freugh ...	50	120	15	17	dd	05·0	-06	40	39	7	-	-	8	8	07	-	-
Ronaldsway ...	55	130	11	58	0|d	06·5	-05	42	40	6	-	-	8	8	06	-	-
Tiree	29	170	18	48	i|d.	00·8	-04	43	41	6	-	-	8	8	11	7	05
Benbecula ...	18	170	15	48	0|d	99·3	-03	40	39	6	-	-	8	8	07	-	-
Stornoway ...	10	180	22	66	c	99·7	-09	39	38	5	-	-	8	8	25	-	-
Cape Wrath ...	367	180	09	32	c	99·8	-15	39	31	5	-	-	7	7	25	-	-
Sule Skerry ...	43	180	09	82	c	00·1	-12	41	37	5	-	-	8	8	10	-	-
Renfrew ...	28	040	04	11	f|o	06·2	-03	35	33	5	-	-	8	8	17	-	-
Dyce	185	200	08	28	c	06·4	-06	35	30	5	-	-	7	7	50	5	26
Wick	119	170	14	64	bc	02·7	-06	38	31	5	-	-	3	3	40	-	-
Lerwick ...	269	200	24	66	c	03·2	-07	39	32	5	-	-	8	8	24	-	-
Blacksod Point	18	190	05	66	c	00·9	-04	46	45	8	-	-	7	7	45	3	11
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	150	10	37	dd	03·7	-04	40	40	6	-	-	8	8	05	-	-
Castle Archdale	225	160	07	06	d.d.	02·6	-02	38	38	-	-	-	9	-	-	-	-
Birr Castle ...	231	160	09	61	c|f	02·8	-12	42	42	6	-	-	8	8	10	5	05
Collinstown ...	226	150	03	58	bc	05·1	-05	40	39	5	-	-	3	3	32	-	-
Rineanna ...	10	140	14	62	c	02·2	-17	45	44	5	-	-	8	8	40	1	01
Valentia ...	30	140	19	56	m	99·0	-37	50	48	6	-	-	8	8	06	-	-
Midleton ...	30	140	10	56	0	03·3	-15	49	49	6	-	-	8	8	14	-	-

OBSERVATIONS at 06 h. G.M.T. 21st January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form Low † (25)	Cloud: Form Medium † (26)	Cloud: Form High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer Amt. 0–8 (29)	Cloud: Main layer Ht. † (30)	Cloud: Lowest layer Amt. 0–8 (31)	Cloud: Lowest layer Ht. † (32)	09h. State of ground † (33)
Kew	180	02	20	0	09·6	-14	41	41	6	-	-	8	8	20	-	-	1
London Airport	-	0	01	f	09·3	-20	38	38	-	-	-	9	-	-	-	-	2
Tangmere ...	200	10	03	o|f-	10·2	-15	45	45	6	-	-	8	8	01	-	-	2
Bournemouth (Hurn	180	09	07	ir	07·8	-24	46	46	7	-	-	8	8	01	3	00	1
Boscombe Down	170	08	F9	id.	08·6	-31	42	42	-	-	-	9	-	-	-	-	1
Felixstowe ...	180	11	40	o|d	12·6	-06	38	36	6	-	-	8	8	05	-	-	2
Gorleston ...	180	10	32	p|o	13·8	-13	38	35	5	-	-	8	8	21	-	-	2
West Raynham	170	08	07	f|f	09·9	-18	34	34	-	-	-	9	-	-	-	-	7
Mildenhall ...	180	08	05	c|f₁	09·5	-18	36	35	-	-	-	9	-	-	-	-	5
Cranfield ...	180	06	03	f-	08·5	-20	37	37	-	-	-	9	8	00	-	-	6
Elmdon ...	130	06	02	f-	07·1	-23	35	35	-	-	-	9	9	00	-	-	6
Cottesmore ...	140	08	F7	f-	09·0	-22	33	33	-	-	-	9	-	-	-	-	7
Watnall ...	140	06	F5	id.	08·4	-19	34	34	-	-	-	9	-	-	-	-	5
Ross-on-Wye ...	130	08	13	0	05·9	-24	40	39	6	-	-	8	8	06	-	-	2
Shawbury ...	130	07	03	f-	05·9	-25	35	34	-	-	-	9	9	00	-	-	7
Bristol	160	08	17	i|o	06·4	-28	43	43	6	-	-	8	8	01	-	-	5
Plymouth ...	160	12	27	r r	04·7	-35	49	49	7	2	-	8	8	06	6	02	2
Chivenor ...	120	19	32	r r	03·7	-37	48	46	6	2	-	8	8	57	3	07	1
St. Eval... ...	190	14	32	i|o	03·4	-16	51	51	6	-	-	8	8	07	-	-	2
Culdrose ...	230	15	10	c|f3	05·1	-19	51	51	-	-	-	9	9	00	-	-	1
Scilly, St. Mary's	220	18	57	o|r	02·3	-16	53	53	6	-	-	8	8	05	-	-	2
Guernsey ...	160	16	01	r r	08·5	-20	47	47	6	-	-	8	8	00	-	-	2
Aberporth ...	160	19	42	d r	01·5	-40	44	44	6	-	-	8	8	05	-	-	1
Pembroke Dock	110	10	32	r r	01·9	-37	41	41	6	-	-	8	8	08	-	-	2
Holyhead (Valley)	170	18	56	i|o	01·2	-43	45	43	6	-	-	8	8	14	3	08	1
Manchester ...	170	12	23	c	05·7	-22	37	35	6	-	-	8	8	12	3	05	6
Squires Gate ...	120	13	24	c|r	04·4	-24	36	35	6	-	-	8	8	18	2	03	1
Silloth	070	03	17	c	03·6	-25	34	32	6	-	-	8	8	30	6	12	6
Lindholme ...	150	08	11	o|d	01·7	-17	34	33	6	-	-	8	8	06	-	-	7
Spurn Head ...	170	18	40	0	09·7	-16	36	35	6	-	-	8	8	10	-	-	1
Dishforth ...	130	09	05	f|o	07·0	-19	33	32	-	-	-	9	-	-	-	-	6
Tynemouth ...	200	12	32	c	06·8	-18	34	31	5	-	-	8	8	28	-	-	5
Leuchars ...	150	03	17	c	04·2	-20	34	31	5	-	-	8	8	20	-	-	7
Eskdalemuir ...	—	0	32	0	04·5	+25	33	30	6	-	-	8	8	04	-	-	7
Prestwick ...	120	18	32	c	02·2	-20	38	33	6	-	-	8	8	35	7	12	1
West Freugh ...	120	20	13	i|d	01·2	-28	40	39	7	-	-	8	8	03	-	-	5
Ronaldsway ...	130	14	40	o|d	02·0	-29	43	42	6	-	-	8	8	02	-	-	1
Tiree	160	18	58	c	97·8	-23	44	43	6	-	-	7	7	05	1	04	1
Benbecula ...	160	14	19	i|o	97·2	-14	42	40	6	-	-	8	8	10	-	-	5
Stornoway ...	180	17	66	c|d	97·8	-15	42	40	6	-	-	8	8	25	4	15	6
Cape Wrath ...	180	09	82	bc	98·4	-09	41	33	5	-	-	5	5	25	-	-	7
Sule Skerry ...	180	09	82	o	98·6	-09	42	34	6	-	-	8	8	10	-	-	5
Renfrew ...	060	04	17	f|f.	03·0	-19	35	35	6	-	-	8	8	11	-	-	6
Dyce	190	11	32	c	04·5	-12	35	32	5	-	-	8	8	22	-	-	7
Wick	170	12	58	c	00·7	-08	39	34	5	-	-	7	7	50	-	-	6
Lerwick ...	190	23	74	c	01·1	-12	39	35	5	-	-	8	8	20	-	-	6
Blacksod Point	140	27	58	f|f.	01·0	-61	45	44	7	-	-	8	8	11	-	-	6
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	130	11	28	i|o	99·3	-33	43	43	7	3	-	8	4	05	-	-	2
Castle Archdale	130	11	15	i|o.	95·9	-42	39	39	6	-	-	8	8	20			5
Birr Castle ...	160	13	66	bc|r	94·0	-45	48	47	5	-	-	3	3	25	1	11	1
Collinstown ...	130	17	03	d|d|o	97·9	-50	45	45	6	-	-	8	8	01	-	-	2
Rineanna ...	170	15	66	i|o	94·1	-36	50	48	5	-	-	8	8	22	2	12	1
Valentia ...	200	19	56	i|o	94·3	-10	52	50	6	-	-	8	8	07	-	-	
Midleton ...	200	15	59	o|d	96·4	-20	52	51	6	-	-	8	8	09	-	-	1

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Weather: 21h.–03h. (39)	Weather: 03h.– 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	cm	omfrcirm.	36	34	0·6
London Airport	cfir.d.cm.f	fomir.r.r.	36	34	0·5
Tangmere ...	o d d f	oF.RRm	39	39	3
Bournemouth (Hurn	cm.o.f.id.	ofirrrm	38	37	4
Boscombe Down	o i d. f d d o F	o F c o. r. f	36	34	1
Felixstowe ...	b b c x c i r	cd.d.cm.o F	37	29	1
Gorleston ...	b b m.	om.i r. o i d. f	36	30	0·3
West Raynham	f b c c m.	o r r. m o F F e	32	30	1
Mildenhall ...	b o m. c m.	c i d. o f e	34	30	TR
Cranfield ...	c c i r. m. f	o f i r.	33	32	TR
Elmdon ...	c i r. r. z i d.	f r r F	34	32	1
Cottesmore ...	c m. c d. o m.	c m. o f F	31	30	TR
Watnall ...	c f f d. d o m	o d. d. o i r. F F	32	34	0·4
Ross-on-Wye ...	o m d. o	o m r i r r.	34	33	3
Shawbury ...	c i d. o m. o m.	o f i r. o f R R F	33	32	4
Bristol	o d o m	c m o r. m r r	36	35	2
Plymouth ...	c m o i r. m.	o r r o R R c d. d.	43	42	11
Chivenor ...	c m o i r. m.	c m. r r d. d.	41	40	1
St. Eval... ...	o m o f e	o r r m c m.	47	43	7
Culdrose ...	o f f i r o	o f r o l i d o	48	43	8
Scilly, St. Mary's	r f	o r o	49	*	8
Guernsey ...	o i d o i f	o d r f f r. F F	46	44	9
Aberporth ...	o l d o m d r i f	o r. d r r	39	38	3
Pembroke Dock	o m.	o r r m. o m.	41	41	10
Holyhead (Valley)	c m.	c m. r r	41	39	5
Manchester ...	c i r. r. r c d. d.	c d. d. m i r.	34	32	0·3
Squires Gate ...	c z. c i d o m.	c i d. o m. c i r f	35	34	0·6
Silloth	c m	o m c i r. m	33	33	TR
Lindholme ...	c m	c m i d. c f f	32	30	0·3
Spurn Head ...	c m.	o m F	34	*	-
Dishforth ...	c m i d o m	c m F F	31	28	TR
Tynemouth ...	b m o. c m.	o m. o f f	32	27	-
Leuchars ...	c m.	c m r	33	30	-
Eskdalemuir ...	c m.	o m.	31	31	-
Prestwick ...	c m c i r o m	c m i r.	37	35	0·1
West Freugh ...	c d d m	c m. c d m v	39	37	3
Ronaldsway ...	o d. d o.	o r. d r r	42	38	3
Tiree	c i d o m	c o m. i d.	42	39	0·3
Benbecula ...	c i d. m. o m.	o i d o m.	38	35	1
Stornoway ...	c	c c i d. o c	37	34	TR
Cape Wrath ...	c b c	b c	36	30	-
Sule Skerry ...			38	35	0·2
Renfrew ...	c r. s o m.	c r r i f	34	33	2
Dyce	c m.	c m. o c m.	33	31	TR
Wick	c z o.	b z o. c m.	37	36	-
Lerwick ...	c	c	37	26	-
Blacksod Point	c	r	42	39	2
Malin Head ...				*	1
Aldergrove ...	c c i d. c c d d	c c i r. d r m.	38	37	3
Castle Archdale	o d. o d o f	c r r. i f	37	36	3
Birr Castle ...	f	r	41	38	2
Collinstown ...	d	r	39	33	2
Rineanna ...	c	d	41	37	2
Valentia ...	r	r	49	44	14
Midleton ...	d	r	46	43	5

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med. †	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LEVERRIER	51° 12′	18°12′	989	00	230	10	r|r.	r	54	53	54	97	7	-	-	8	8	S
WEATHER OBSERVER	58°42′	18°30′	992	-07	290	06	bc	b	41	48	24	98	S	-	-	3	3	S
CIRRUS	45°6′	15°54′	1008	-06	230	27	c	r	59	58	55	60	5	7	-	6	8	14
POLAR FRONT	66°18′	01°48′E	1001	-16	140	32	c	c	41	46	32	99	7	-	-	7	7	9½
WEATHER WATCHER	62°12′	32°6′	982	-08	270	32	p|So	p	28	40	18	97	3	-	-	4	7	9½
U·S·SHIP "C"	52°18′	35°30′	990	+34	020	36	r|r.	r	42	46	34	61	7	2	-	6	8	11
U·S·SHIP "D"	44°0′	41°0′	998	+37	270	18	c	c	55	58	48	63	5	-	-	8	8	S
WEATHER EXPLORER	57°48′	15°30′	993	-05	060	11	c	bc	44	49	40	97	8	-	-	7	7	6½
MERMOZ	51°0′	16°0′	988	-39	260	38	ir	r	55	52	52	56	7	-	-	8	8	13
CANINA	46°48′	14°12′	1005	+00	230	18	bc	bc	58	54	54	98	5	-	-	4	4	6½

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form Low †	Cloud: Form Med. †	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
LEVERRIER	51°6′	17°42′	990	+06	230	24	b	bc	54	54	52	97	5	-	-	2	2	5
WEATHER OBSERVER	58°48′	18°48′	990	-08	150	04	bc	r	42	48	40	98	5	-	-	3	3	6½
CIRRUS	45°0′	15°54′	1003	-31	210	28	c|pr	c	57	55	55	60	9	-	-	8	8	13
POLAR FRONT	66°6′	02°0′E	999	-03	190	33	i|o	r	41	42	37	97	-	-	-	8	8	11
WEATHER WATCHER	62°12′	31°48′	983	+09	260	35	c	p	27	40	21	98	3	-	-	7	7	19
U·S·SHIP "C"	51°54′	36°0′	998	+36	360	30	bc	r	40	46	32	69	5	-	-	3	3	9½
U·S·SHIP "D"	44°0′	41°0′	1003	+00	180	07	b	c	54	58	43	63	2	-	-	2	2	8
WEATHER EXPLORER.	57°24′	14°12′	991	-10	130	12	b	p	49	48	46	97	5	-	-	1	1	6½
MERMOZ	51°36′	17°24′	987	-07	240	36	c	r	54	54	50	56	7	-	-	8	8	13
NEW AUSTRALIA.	41°30′	09°36′	1021	+12	190	18	c	c	60	58	56	98	5	-	-	8	8	6½

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*Information not usually received.

† Code figure (see Introduction)

No.... 34029

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue... Saturday 22nd January... 1955

OBSERVATIONS at 12h. G.M.T. 21st January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. Dry Bulb °F. (7)	Temp. Dew point °F. (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt 0–8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt 0–8 (15)	Cloud Lowest layer Ht. † (16)
Kew	190	12	34	c/r	04·8	-25	45	44	7	-	-	8	8	18	5	09
London Airport	140	10	40	c/d	04·4	-29	44	44	6	2	-	8	8	30	6	05
Tangmere ...	180	12	20	r	05·3	-29	47	47	7	2	-	8	8	04	6	01
Bournemouth (Hurn	240	05	04	f+	03·8	-17	51	51	-	-	-	9	-	-	-	-
Boscombe Down	210	07	02	id$_o$	04·4	-16	46	46	6	-	-	8	8	00	-	-
Felixstowe ...	170	14	20	r$_o$r$_o$	07·7	-23	39	39	6	-	-	8	8	02	-	-
Gorleston ...	180	11	02	f-	08·5	-25	39	38	-	-	-	9	8	00	-	-
West Raynham	150	14	01	f-	05·5	-28	36	36	-	-	-	9	-	-	-	-
Mildenhall ...	170	12	14	r$_o$r$_o$	05·4	-28	40	40	6	-	-	8	8	02	-	-
Cranfield ...	150	10	08	r$_o$r$_o$	03·8	-29	41	41	6	-	-	8	8	01	-	-
Elmdon ...	150	08	19	o/r	02·3	-21	40	40	6	-	-	8	8	01	-	-
Cottesmore ...	140	11	F8	r	04·6	-32	36	36	-	-	-	9	-	-	-	-
Watnall ...	150	12	F8	r	03·5	-26	39	39	-	-	-	9	-	-	-	-
Ross-on-Wye ...	210	06	24	o	01·1	-14	47	46	6	-	-	8	8	06	-	-
Shawbury ...	140	07	19	o	00·5	-27	40	39	6	-	-	8	8	03	-	-
Bristol	190	07	10	id$_o$	02·0	-12	49	49	6	-	-	8	8	05	5	02
Plymouth ...	250	06	27	o	03·0	-05	50	50	6	-	-	8	8	01	-	-
Chivenor ...	230	13	48	o/r	01·8	-07	53	52	6	-	-	8	8	05	-	-
St. Eval... ...	210	16	48	c	01·9	-07	53	53	6	-	-	8	8	12	6	06
Culdrose ...	220	16	15	id$_o$	03·6	-06	51	51	6	-	-	8	8	01	-	-
Scilly, St. Mary's	210	15	32	o	01·5	-07	53	51	6	-	-	8	8	07	-	-
Guernsey ...	200	16	F7	d$_o$d$_o$	06·4	-08	52	52	6	-	-	8	8	00	-	-
Aberporth ...	200	13	14	d$_o$r$_o$	08·0	-11	50	50	6	-	-	8	8	01	-	-
Pembroke Dock	210	11	28	o/d	00·0	-05	51	51	6	-	-	8	8	02	-	-
Holyhead (Valley)	190	11	15	o/d	06·4	-14	47	47	6	-	-	8	8	02	-	-
Manchester ...	180	23	57	c/r	00·0	-29	43	40	7	-	-	8	7	45	2	06
Squires Gate ...	140	16	16	c/r	08·5	-30	42	40	6	-	-	8	8	15	7	07
Silloth	080	13	28	c/r	08·1	-35	38	37	5	7	-	8	4	25	1	00
Lindholme ...	140	11	05	r	03·1	-30	35	35	-	-	-	9	9	00	-	-
Spurn Head ...	140	14	12	r$_o$	05·1	-29	38	38	6	-	-	8	8	08	-	-
Dishforth ...	130	11	02	r	02·5	-29	34	34	-	-	-	9	-	-	-	-
Tynemouth ...	200	00	06	r$_o$	02·5	-26	37	36	6	-	-	8	8	08	-	-
Leuchars ...	160	05	28	c	00·8	-25	38	35	5	2	-	8	8	50	6	22
Eskdalemuir ...	-	0	58	r$_o$r$_o$	00·3	-30	38	36	7	-	-	8	8	06	-	-
Prestwick ...	100	11	58	c/r	06·2	-29	41	39	6	7	-	8	4	13	-	-
West Freugh ...	120	16	12	dd	04·9	-33	41	41	7	-	-	8	8	10	4	06
Ronaldsway ...	130	18	21	d/r	05·6	-34	44	43	6	-	-	8	8	02	-	-
Tiree	130	21	39	r	03·0	-24	42	41	7	2	-	8	8	15	7	05
Benbecula ...	140	12	50	c	04·3	-14	41	39	6	-	-	7	7	06	-	-
Stornoway ...	100	07	66	c	05·7	-16	43	40	5	7	-	7	6	30	1	15
Cape Wrath ...	180	05	32	bc	06·0	-07	43	33	5	-	8	5	3	30	-	-
Sule Skerry ...	180	09	32	c	07·2	-08	43	41	5	-	-	8	8	15	-	-
Renfrew ...	070	12	06	r$_o$r$_o$	07·6	-30	36	35	6	-	-	8	8	40	3	09
Dyce	170	11	17	c	00·5	-28	37	37	5	-	-	8	8	05	-	-
Wick	160	16	40	c	08·0	-09	40	36	5	3	-	7	6	30	-	-
Lerwick ...	180	22	66	c	00·7	-02	40	38	6	-	-	8	7	10	-	-
Blacksod Point	180	27	50	id$_o$	00·1	-05	48	47	7	-	-	8	8	56	4	07
Malin Head ...	160	18	58	rr	00·4	-23	44	41	7	-	-	8	8	21	-	-
Aldergrove ...	160	12	48	rr	03·2	-30	46	45	6	-	-	8	8	06	3	03
Castle Archdale	180	07	70	o/f	00·0	-15	44	44	6	-	-	8	8	06	-	-
Birr Castle ...	220	08	69	ir$_o$	03·3	-01	53	49	6	-	-	8	8	26	6	14
Collinstown ...	230	09	58	c/r	04·6	-08	51	48	5	7	-	7	4	28	1	15
Rineanna ...	230	17	74	c	04·3	+04	52	48	5	3	-	7	7	50	1	13
Valentia ...	190	15	61	c	04·0	-06	53	50	6	-	-	7	7	27	6	09
Midleton ...	210	12	59	ir$_o$	06·3	+04	52	50	6	-	-	7	8	12	-	-

OBSERVATIONS at 18h. G.M.T. 21st January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. Dry Bulb °F. (23)	Temp. Dew point °F. (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt 0–8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt 0–8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of † ground (33)
Kew	180	01	F8	f+	00·7	-10	48	47	-	-	-	9	-	-	-	-	1
London Airport	160	06	01	f	00·7	-11	46	46	-	-	-	9	-	-	-	-	1
Tangmere ...	240	07	03	f	02·1	-12	48	48	-	-	-	9	-	-	-	-	1
Bournemouth (Hurn	240	06	03	id$_o$	00·3	-17	50	49	-	-	-	9	-	-	-	-	1
Boscombe Down	200	02	01	f	00·8	-16	48	48	-	-	-	9	-	-	-	-	1
Felixstowe ...	180	12	09	f+	02·4	-15	40	40	6	-	-	8	8	01	-	-	2
Gorleston ...	190	11	14	dd	03·4	-21	40	39	6	-	-	8	8	08	-	-	2
West Raynham	160	10	01	f	00·8	-15	37	37	-	-	-	9	[illegible]	[illegible]	-	-	5
Mildenhall ...	180	07	06	f+	00·6	-15	40	40	-	-	-	9	-	-	-	-	1
Cranfield ...	190	03	F5	f+	00·1	-01	44	44	-	-	-	9	-	-	-	-	2
Elmdon ...	170	04	04	f-	98·6	-11	42	42	-	-	-	9	9	00	-	-	5
Cottesmore ...	160	06	F5	f-	00·8	-14	37	37	-	-	-	9	-	-	-	-	6
Watnall ...	180	02	01	f-	99·2	-15	41	41	-	-	-	9	8	00	-	-	6
Ross-on-Wye ...	190	05	08	of+	98·3	-10	49	48	6	-	-	8	8	06	-	-	2
Shawbury ...	160	05	F5	bcf+	98·1	-08	37	37	5	3	-	5	3	56	-	-	5
Bristol	180	06	09	cf-	99·0	-11	50	48	5	7	-	7	5	25	1	09	1
Plymouth ...	210	08	01	ir	98·5	-22	51	51	-	-	-	9	-	-	-	-	1
Chivenor ...	270	03	27	id$_o$	98·7	-13	51	50	6	-	-	8	8	08	-	-	2
St. Eval... ...	160	04	19	ir$_o$	98·1	-15	52	52	6	-	-	8	8	02	-	-	1
Culdrose ...	190	08	02	f-	98·6	-23	52	52	-	-	-	9	-	-	-	-	1
Scilly, St. Mary's	190	07	22	id$_o$	97·0	-18	52	52	-	-	-	9	-	-	-	-	1
Guernsey ...	180	06	02	rr	00·8	-31	51	51	6	-	-	8	8	00	-	-	2
Aberporth ...	170	10	48	o	97·1	-06	49	48	6	-	-	8	8	05	-	-	1
Pembroke Dock	190	07	08	f-	97·6	-04	50	50	-	-	-	9	9	00	-	-	1
Holyhead (Valley)	200	09	17	o	95·2	-02	47	47	6	-	-	8	8	02	-	-	1
Manchester ...	190	14	24	c	97·2	-08	43	42	6	-	-	8	8	14	3	06	2
Squires Gate ...	150	12	11	c/f	96·3	-05	42	41	5	1	-	7	5	35	2	05	1
Silloth	180	14	04	dr	94·5	-06	44	44	7	-	-	8	8	03	-	-	5
Lindholme ...	150	09	03	f+	98·5	-16	37	37	-	-	-	9	9	00	-	-	6
Spurn Head ...	160	12	08	of	00·0	-19	38	38	6	-	-	8	8	08	-	-	1
Dishforth ...	150	09	F7	f+	98·1	-08	35	35	-	-	-	9	-	-	-	-	6
Tynemouth ...	200	10	12	r$_o$r$_o$	97·6	-07	38	38	6	-	-	8	8	06	-	-	5
Leuchars ...	120	02	11	d$_o$d$_o$	94·9	-17	37	37	6	-	-	8	8	12	-	-	6
Eskdalemuir ...	-	0	32	d$_o$d$_o$	95·2	-01	38	37	7	-	-	8	8	02	-	-	7
Prestwick ...	160	03	58	c	02·8	-03	45	43	5	-	-	8	8	36	-	-	1
West Freugh ...	080	08	40	bc	02·8	+02	47	47	5	7	-	5	3	30	-	-	1
Ronaldsway ...	210	08	14	o/f	04·3	00	47	46	6	-	-	8	8	00	-	-	1
Tiree	150	19	28	dr	00·3	+05	44	44	6	-	-	8	8	11	4	04	1
Benbecula ...	080	10	40	r$_o$r$_o$	01·8	+03	41	41	6	2	-	8	8	20	7	06	5
Stornoway ...	-	0	56	r$_o$r$_o$	03·4	-06	41	40	6	2	-	8	8	35	4	18	5
Cape Wrath ...	180	05	82	r$_o$r$_o$	06·6	-12	44	37	5	-	-	7	7	20	-	-	7
Sule Skerry ...	140	13	81	c	03·8	-09	43	38	5	-	-	8	8	15	-	-	2
Renfrew ...	060	05	08	ir	03·0	-16	37	37	6	-	-	8	6	18	2	06	5
Dyce	150	11	09	dr	06·3	-19	40	40	6	-	-	8	8	01	-	-	6
Wick	150	11	19	o	06·2	-09	40	38	6	-	-	8	8	04	-	-	6
Lerwick ...	180	23	58	o	08·5	-09	41	39	6	-	-	8	8	15	5	07	5
Blacksod Point	190	19	16	rr	07·1	+01	49	48	7	-	-	8	8	07	-	-	
Malin Head ...	230	19	58	c	08·7	-06	48	44	5	-	-	6	6	21	-	-	
Aldergrove ...	170	13	61	c	01·9	+02	48	46	5	-	-	6	6	25	-	-	2
Castle Archdale	160	10	66	ir$_o$	09·8	-09	46	46	6	-	-	7	6	37	4	10	2
Birr Castle ...	190	10	70	c	02·3	-02	52	47	6	-	-	7	7	32	4	18	
Collinstown ...	210	07	58	bc	03·9	+01	49	46	5	-	2	4	3	45	-	-	
Rineanna ...	210	13	61	bc/r	03·4	-01	50	48	6	-	-	5	5	50	2	15	
Valentia ...	210	09	59	c	04·9	+10	52	50	6	-	-	7	7	32	1	12	
Midleton ...	190	07	66	c	05·1	-01	50	49	6	3	-	7	5	18	-	-	

OBSERVATIONS during DAY

Stations (For heights see p. 4)	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain (09h.–21h. mm.) (38)
Kew	cirr$_o$m$_3$R-	cm$_o$ir$_3$oFc	48	0·0	3
London Airport	crrm$_o$cm$_o$	cm$_3$ofF	47	*	3
Tangmere ...	crrmof	ofrrm	48	0·0	9
Bournemouth (Hurn	orrm$_3$d$_o$d$_o$f	d$_3$d$_o$frrd$_3$d$_o$f	51	*	3
Boscombe Down	or$_3$r$_o$modfof	oid$_3$fof	49	0·0	2
Felixstowe ...	ofor$_3$r$_o$m	oid$_o$mofe	40	0·0	3
Gorleston ...	ofor$_3$fom	or$_3$r$_o$moddmof	41	0·0	3
West Raynham	offcrrdclm	cd$_3$d$_o$mpff	37	0·0	2
Mildenhall ...	ofor$_3$rocm	cm$_o$cfof	41	0·0	3
Cranfield ...	ofrrm	mof	44	0·0	2
Elmdon ...	rrfdrm F	fid$_3$F	44	0·0	3
Watnall ...	FrrF	FF	41	0·0	5
Ross-on-Wye ...	cFFrroF	oFF ir$_o$id$_o$	42	0·0	7
Shawbury ...	orrfmfcm	cmfbfoFF	43	0·0	4
Bristol	cir$_o$ id$_o$m	cr$_o$d$_o$f$_o$	52	0·0	4
Plymouth ...	om$_3$od$_3$d$_o$om$_o$	oFinteFe	52	0·0	30·6
Chivenor ...	cid$_o$m$_o$	cid$_o$m$_o$	54	0·0	2
St. Eval... ...	ir$_3$m$_o$cddm$_o$cm$_o$	cm$_o$oir$_3$m$_o$id$_o$F	54	0·2	2
Culdrose ...	micd$_o$dff	ffid$_o$dd	52	0·0	1
Scilly, St. Mary's	odf	odffe	53	0·0	1
Guernsey ...	ir$_o$ffprrdoff	orrffd$_3$d$_o$	52	0·0	9
Aberporth ...	cd$_o$r$_3$mcm$_o$	cm$_3$of	51	0·0	1
Pembroke Dock	om$_o$id$_o$ir$_3$id$_3$m$_o$	cm$_o$ofom	51	00	0·1
Holyhead (Valley)	crrm$_o$oid$_o$oir$_3$e	feomfid$_o$	49	0·0	0·5
Manchester ...	crrcir$_o$m	cuir$_o$id$_o$mbm	44	0·0	5
Squires Gate ...	crr RRcm	cid$_o$d$_3$cmfF	42	0·0	4
Silloth	cmcrrm	crrmcf	45	0·0	6
Lindholme ...	offr$_o$r$_o$off	offoff	38	0·0	4
Spurn Head ...	ofir$_o$	oir$_3$f	39	0·0	1
Dishforth ...	FFrrF	r$_3$o$_3$fd$_o$FF	36	0·0	3
Tynemouth ...	or$_3$r$_o$ff	or$_3$r$_o$ffoff	40	0·0	6
Leuchars ...	cm$_o$id$_o$ir$_3$m	or$_3$r$_o$ffrrf	38	0·0	1
Eskdalemuir ...	or$_o$r$_o$m$_o$	od$_o$d$_o$m$_o$rrm$_o$	39	0·0	7
Prestwick ...	cucr$_o$r$_3$cm$_o$	cr$_3$r$_o$cm$_o$	45	0·0	7
West Freugh ...	cdrrrm	cid$_o$m$_3$	49	0·0	11
Ronaldsway ...	orr m$_3$rrd$_o$f$_o$	f id$_o$FomF	47	0·0	9
Tiree	cm$_3$ir$_3$rr	cd$_o$d$_o$ddm$_3$	43	0·0	5
Benbecula ...	cc r$_3$o$_3$m$_o$	cr$_o$r$_3$m$_o$	43	0·0	9
Stornoway ...	cr$_o$r$_3$	cr$_o$l$_o$c	43	0·0	3
Cape Wrath ...	bc	crr	46	*	2
Sule Skerry ...			45	*	0·5
Renfrew ...	crrtf	cidorstf	38	0·0	5
Dyce	cir$_o$m$_o$om	cr$_o$dom f	41	0·0	3
Wick	cm$_o$	cm$_o$od$_o$d$_3$m$_o$	41	0·0	0·2
Lerwick ...	c	cuir$_3$ir$_o$d$_o$	41	0·0	0·5
Blacksod Point	d	r	50	0·0	5
Malin Head ...	r	r	49	0·0	4
Aldergrove ...	cdrm$_o$rrm$_o$c	crrm$_o$	50		7
Castle Archdale	crrcfc	crrm$_o$	49	0·1	7
Birr Castle ...	r*	c	54	0·4	3
Collinstown ...	r	c	54	0·7	4
Rineanna ...	c	r	54	1·4	2
Valentia ...	r	d	54	0·0	0·1
Midleton ...	d	r	55	0·7	0·2

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58° 54′	18° 48′	993	+22	280	15	bc	bc	41	48	26	98	5	-	.	8	8	5
LE VERRIER	50° 54′	16° 6′	994	+18	180	20	bc	c	55	55	54	97	8	4	2	1	4	8
CIRRUS	44° 54′	15° 54′	1007	+37	260	30	b	p	57	55	52	65	2	-	-	1	1	17½
POLAR FRONT	66° 12′	02° 6′E	997	-17	180	32	r$_o$r$_o$	r	43	43	39	97	7	-	-	7	8	11
WEATHER EXPLORER	57° 0′	12° 30′	990	-00	070	13	c	bc	49	50	45	98	8	-	6	4	7	5
MERMOZ	52° 6′	19° 0′	989	+11	260	32	bc	bc	54	52	50	60	6	4	-	2	4	11
WEATHER WATCHER	62° 6′	31° 36′	987	+27	270	32	bc	bc	29	42	22	97	2	-	-	5	5	21
U.S. SHIP 'C'	51° 36′	35° 48′	1006	+39	020	20	c	c	43	46	32	69	5	-	-	6	6	9½
REINA DEL PACIFICO	41° 30′	23° 0′	1015	+20	230	37	c	c	60	56	57	97	2	-	7	2	8	21
U.S. SHIP 'D'	44° 0′	41° 0′	995	-20	140	21	c	p	58	54	55	63	5	-	-	8	8	6½

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52° 30′	18° 54′	996	+32	320	16	c	p	52	52	46	60	6	4	-	6	7	9½
WEATHER OBSERVER	56° 48′	18° 48′	998	+30	320	18	c	p	42	48	27	98	5	-	-	7	7	8
POLAR FRONT	66° 0′	02° 0′E	994	-06	200	32	r$_o$r$_o$	r	43	43	41	96	7	-	.	8	8	13
CIRRUS	44° 54′	15° 54′	1009	+27	250	30	bc	b	57	55	52	65	5	4	2	2	4	19
WEATHER WATCHER	62° 12′	31° 18′	993	+34	280	30	c	c	29	41	20	98	5	-	9	6	6	16
U.S. SHIP 'C'	52° 18′	35° 48′	1009	+17	090	10	c	c	42	46	30	69	5	-	-	7	7	9½
U.S. SHIP 'D'	44° 0′	41° 0′	992	-17	180	20	c	c	61	57	58	63	5	-	-	8	8	8
SOUTH AFRICA	46° 36′	13° 18′	1015	-05	260	24	c	c	57	56	52	96	5	-	-	8	8	3
KENT	47° 30′	07° 12′	997	-05	240	17	r$_o$r$_o$	r	54	56	54	97	7	-	-	8	8	9½
BARON FAIRLIE	49° 6′	11° 54′	998	+10	270	18	ir$_o$	d	53	53	51	97	7	3	-	4	8	6½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet; 56–80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. 51–89 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Friday 21st January.

1955

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ● Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

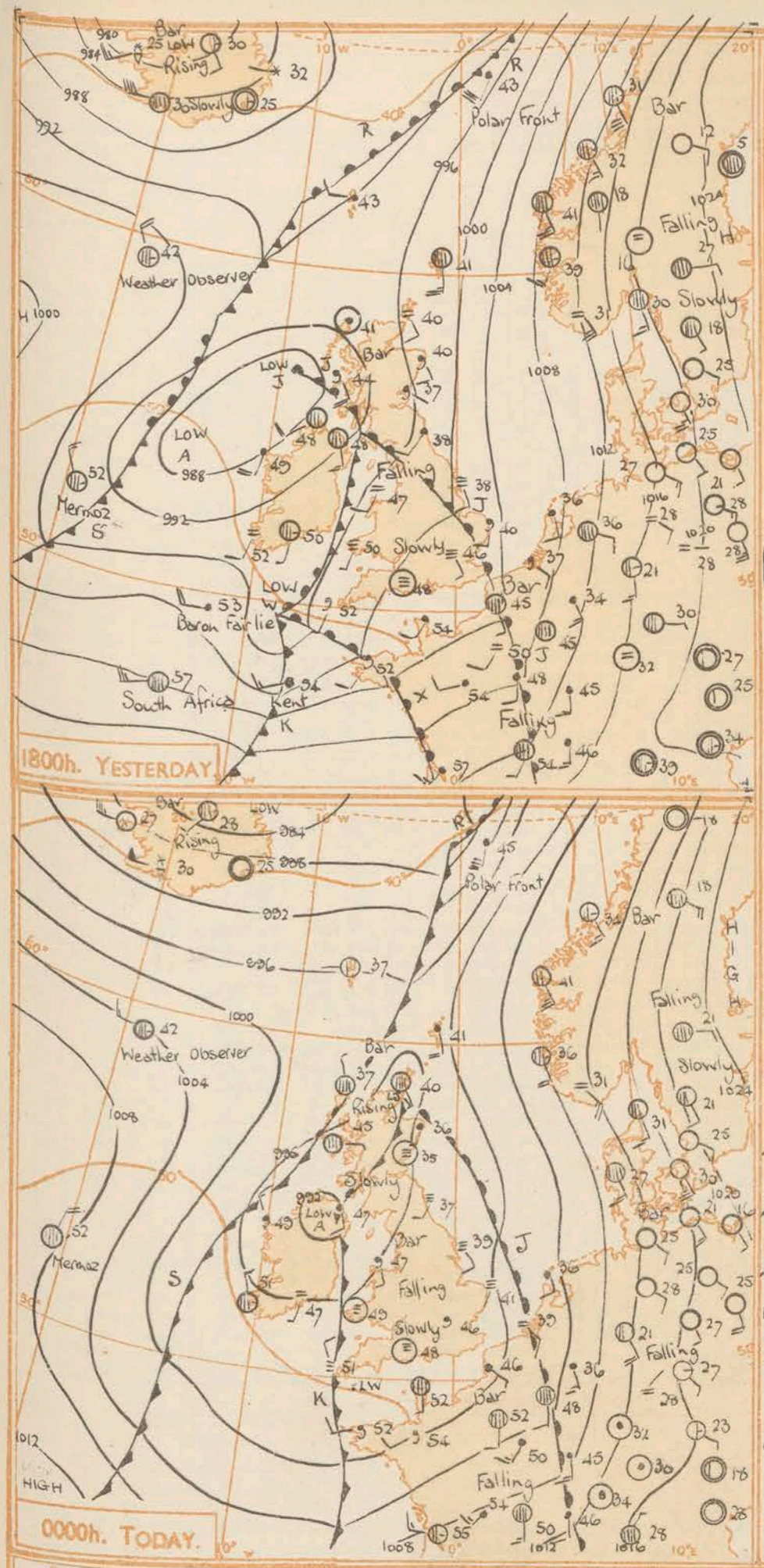
WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder = Fog = Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

A complex low which was centred to the west of the British Isles yesterday morning moved eastwards and now covers much of the country. It is now expected to move southeastwards as a ridge of high pressure west of Ireland spreads eastwards

Issued at Midday to-day Saturday 22nd January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

It will be dull at first in all districts with rain or drizzle at times; and with fairly extensive mist and fog. An improvement will spread slowly from the west, the rain and drizzle gradually dying out and the fog and mist thinning and later dispersing. Bright intervals are probable in many districts later, but there may be scattered showers in the north. It will become generally rather cold and frost may occur in some areas tonight.

OUTLOOK FOR the following 24 hours:- Mainly fine at first but rain probably spreading in from the Atlantic later.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 22nd January 1955

Stations (For heights see p. 4)	Height above M.S.I.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form: Low † (9)	Cloud: Form: Medium † (10)	Cloud: Form: High † (11)	Cloud: Total amount 0-8 (12)	Cloud: Main layer: Amt. 0-8 (13)	Cloud: Main layer: Ht. † (14)	Cloud: Lowest layer: Amt. 0-8 (15)	Cloud: Lowest layer: Ht. † (16)
Kew	18	*	*	*	*	*	*	46	*	*	*	*	*	*	*	*	*
London Airport	82	–	0	F5	id.	98·3	–11	46	46	–	–	–	9	–	–	–	–
Tangmere ...	53	180	01	04	ic.	~~98·1~~ 99·1	~~–21~~ –11	49	49	–	–	–	9	–	–	–	–
Bournemouth (Hurn	34	–	0	05	d.d.	97·4	–10	48	47	–	–	–	9	–	–	–	–
Boscombe Down	414	100	08	01	id.	98·4	–07	45	45	–	–	–	9	–	–	–	–
Felixstowe ...	10	180	04	04	f+	00·6	–05	40	40	–	–	–	9	–	–	–	–
Gorleston ...	5	200	01	02	f+	00·5	–08	41	40	–	–	–	9	–	–	–	–
West Raynham	250	120	06	F5	f+	99·3	–07	37	37	–	–	–	9	–	–	–	–
Mildenhall ...	15	160	06	F6	f+	99·1	–03	41	41	–	–	–	9	–	–	–	–
Cranfield ...	340	–	0	F5	f+	98·8	–03	44	43	–	–	–	9	–	–	–	–
Elmdon ...	324	140	03	01	f+	98·2	–03	42	42	–	–	–	9	–	–	–	–
Cottesmore ...	440	240	07	02	f+	99·6	–02	41	41	–	–	–	9	–	–	–	–
Watnall ...	366	–	0	F2	f+	98·8	+00	40	40	–	–	–	9	–	–	–	–
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	–	0	F5	f+	98·2	+03	34	34	–	–	–	9	9	00	–	–
Bristol	192	–	0	01	f+	98·2	–02	46	46	–	–	–	9	–	–	–	–
Plymouth ...	90	100	02	14	cf	97·0	–01	50	50	6	–	–	8	8	05	3	03
Chivenor ...	20	–	0	27	c	97·7	–02	49	48	6	–	–	8	8	50	6	10
St. Eval... ...	336	–	0	01	ic	97·4	+04	50	50	–	–	–	9	8	00	–	–
Culdrose ...	260	350	04	05	d.d.	98·0	–01	51	51	–	–	–	9	9	00	–	–
Scilly, St. Mary's	158	320	09	08	f+	96·2	–04	51	51	–	–	–	9	9	00	–	–
Guernsey ...	340	170	06	60	c	97·1	–14	50	50	6	–	2	6	5	13	3	02
Aberporth ...	375	180	10	16	cf	96·9	–01	48	47	5	–	–	8	8	36	–	–
Pembroke Dock	34	–	0	08	cf	97·4	+03	49	48	6	–	–	8	8	01	–	–
Holyhead (Valley)	32	170	06	08	id.	95·7	+08	47	47	–	–	–	9	–	–	–	–
Manchester ...	248	160	06	19	bc	97·2	+02	41	39	5	–	–	3	8	40	–	–
Squires Gate ...	33	120	08	01	f+	96·6	+02	40	40	–	–	–	9	–	–	–	–
Silloth	25	060	05	03	cf	96·4	+10	38	38	7	–	–	8	8	05	–	–
Lindholme ...	21	180	05	01	f	97·9	–04	38	38	–	–	–	9	–	–	–	–
Spurn Head ...	29	150	11	F9	cf	99·1	–03	39	39	6	–	–	8	8	08	–	–
Dishforth ...	105	–	0	F9	f+	98·0	+03	35	35	–	–	–	9	–	–	–	–
Tynemouth ...	108	200	06	08	cf	97·3	00	37	37	6	–	–	8	8	08	–	–
Leuchars ...	36	–	0	04	f	96·1	+13	35	35	–	–	–	9	9	02	–	–
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	100	03	40	ic	94·9	+13	43	41	6	–	–	8	8	45	4	10
West Freugh ...	50	090	07	11	ic	93·8	+07	44	44	–	–	–	9	9	02	–	–
Ronaldsway ...	55	190	13	03	f+	95·0	+01	47	47	–	–	–	9	–	–	–	–
Tiree	29	090	07	38	c	94·5	+30	45	44	6	–	–	8	8	20	5	11
Benbecula ...	18	350	07	61	clr	96·7	+29	40	39	5	–	–	8	8	29	–	–
Stornoway ...	10	320	05	62	clr	97·1	+25	37	36	5	–	–	8	8	20	2	14
Cape Wrath ...	367	–	0	81	c	96·0	+11	39	39	–	2	–	7	7	20	–	–
Sule Skerry ...	43	140	02	40	c	95·7	+14	43	41	5	–	–	8	8	10	–	–
Renfrew ...	28	–	0	01	ic	95·9	+11	35	35	–	–	–	9	–	–	–	–
Dyce	185	190	05	19	rr	95·9	+06	36	35	–	2	–	8	8	20	–	–
Wick	119	150	05	28	c	95·1	00	40	40	6	–	–	8	8	05	–	–
Lerwick ...	269	160	22	57	rc	99·0	+06	41	41	6	–	–	8	8	07	5	04
Blacksod Point	18	320	13	64	id.	94·1	+62	49	48	7	–	–	8	8	08	–	–
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	170	11	32	RR	92·1	+04	47	47	7	2	–	8	8	23	3	06
Castle Archdale	225	130	05	50	~~id.~~	91·0	+17	45	45	6	–	–	8	8	11	3	02
Birr Castle ...	231	220	15	61	cld	92·7	+02	48	47	6	–	–	8	8	16	5	07
Collinstown ...	226	220	14	62	blr	93·9	+03	49	47	5	–	–	2	2	20	–	–
Rineanna ...	10	250	20	32	dd	95·7	+13	48	47	6	–	–	8	8	11	4	06
Valentia ...	30	300	09	72	c	98·8	+26	51	46	5	–	–	7	7	25	–	–
Midleton ...	30	190	05	48	bc	96·9	+12	47	47	6	–	–	4	4	18	–	–

OBSERVATIONS at 06 h. G.M.T. 22nd January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low † (25)	Cloud: Form: Medium † (26)	Cloud: Form: High † (27)	Cloud: Total amount 0-8 (28)	Cloud: Main layer: Amt. 0-8 (29)	Cloud: Main layer: Ht. † (30)	Cloud: Lowest layer: Amt. 0-8 (31)	Cloud: Lowest layer: Ht. † (32)	09h. State of ground † (33)	Weather: 21h.–03h. (40)	Weather: 03h.– 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	050	01	01	f.	97·8	–00	46	46	–	–	–	9	–	–	–	–	1	ofelf.	ofe	45	41	0·3
London Airport	360	04	F5	ic.	97·7	+01	43	43	–	–	–	8	–	–	–	–	2	fldoif.	fif.fld.	42	38	TR
Tangmere ...	060	02	48	ic	97·9	–01	47	47	5	2	–	8	8	50	3	25	1	oif.f	oif.fcm.	45	44	2
Bournemouth (Hurn	360	05	13	c	97·8	+07	45	45	6	–	–	8	8	01	–	–	1	dodoff	foid.m.cm.	45	44	1
Boscombe Down	–	0	04	f+	98·9	+01	44	44	–	–	–	9	–	–	–	–	1	oid.oF	oid.FoF	43	41	0·5
Felixstowe ...	–	0	02	f+	99·8	–04	39	39	–	–	–	9	–	–	–	–	2	ofc	ofe	39	35	0·2
Gorleston ...	–	0	01	f+	99·6	–04	39	39	–	–	–	9	–	–	–	–	2	of	of.oF.f.fof	38	37	1
West Raynham	–	0	F8	f+	99·3	+04	37	37	–	–	–	9	–	–	–	–	5	OFF	OFF	37	26	–
Mildenhall ...	–	0	02	f+	98·6	00	40	40	–	–	–	9	9	01	–	–	1	ofofc	ofew	38	36	TR
Cranfield ...	090	02	F7	id.	98·7	+04	42	42	–	–	–	9	–	–	–	–	1	ofe	of.dodofe	40	36	0·4
Elmdon ...	–	0	01	f+	99·1	+10	39	39	–	–	–	9	9	00	–	–	5	F	F	38	36	+0·2
Cottesmore ...	–	0	02	f+	99·6	+06	39	39	–	–	–	9	–	–	–	–	5	f	fld.FF	38	36	0·1
Watnall ...	–	0	F9	f+	99·3	+08	39	39	–	–	–	9	–	–	–	–	3	OFF	OFFef	37	37	–
Ross-on-Wye ...	–	0	01	f+	98·7	+05	39	39	6	–	–	8	8	03	–	–	1	oFfc	offs	39	38	0·3
Shawbury ...	–	0	01	F	99·0	+08	38	38	–	–	–	9	9	00	–	–	5	oFF	~~if.FF~~	33	30	TR
Bristol	–	0	02	f+	98·8	+10	45	45	–	–	–	9	–	–	–	–	1	OFw	OFFw	43	41	TR
Plymouth ...	330	02	37	c0	99·3	+17	50	50	6	–	–	8	8	20	4	10	1	ofeolr.m.	cr.f.cid.m.	48	44	0·4
Chivenor ...	–	0	03	f+	99·3	+13	47	46	–	–	–	9	9	00	–	–	1	cid.m.cm.	cd.d.m.of	46	43	1
St. Eval... ...	290	06	01	f+	99·8	+17	47	47	–	–	–	9	8	00	–	–	1	omcrrdirf	ofcm.	46	46	2
Culdrose ...	320	10	07	cf	01·1	+23	47	47	6	–	–	8	8	02	–	–	2	fldodr	fldoc	47	46	1
Scilly, St. Mary's	300	13	58	cf	04·4	+28	49	49	6	–	–	8	8	06	–	–	2	idfe	feobucc	49	*	1
Guernsey ...	340	08	01	f+	97·6	+11	43	43	–	–	–	9	–	–	–	–	2	offd.d.RR	cff	48	46	6
Aberporth ...	200	11	28	c	97·9	+09	47	46	5	–	–	8	8	39	–	–	1	ofcmcid.	bfcm.cid.	46	43	TR
Pembroke Dock	–	0	32	c	98·4	+08	48	48	6	–	–	8	8	02	–	–	1	omof	ofcm.oddm	47	46	0·6
Holyhead (Valley)	140	05	17	fc0	96·1	+06	46	46	6	–	–	8	8	04	1	02	2	oid.fodof	odofcrmcf.	45	44	5
Manchester ...	360	03	08	cf+	98·4	+12	39	34	5	2	–	7	1	40	–	–	2	bmbbf	bfofcofc	33	31	TR
Squires Gate ...	080	07	19	clf	98·0	+11	41	40	5	–	–	8	8	46	–	–	1	cFF	FcffCm	39	36	TR
Silloth	010	06	05	cf	99·5	+21	39	39	5	–	–	8	8	15	–	–	5	clrfof	cfof	37	36	0·2
Lindholme ...	–	0	01	f+	99·3	+09	35	35	–	–	–	9	–	–	–	–	6	oFF	oFF	33	31	TR
Spurn Head ...	150	09	F9	f+	99·9	+02	38	38	–	–	–	9	–	–	–	–	2	fefe	fefe	37	*	–
Dishforth ...	–	0	01	f+	00·0	+12	35	35	–	–	–	9	–	–	–	–	6	FF	FF	34	32	–
Tynemouth ...	250	08	F4	f+	99·8	+17	36	36	–	–	–	9	–	–	–	–	1	OFFoFF	OFFoffd.d.	35	31	0·2
Leuchars ...	080	08	19	c	99·9	+22	36	36	6	–	–	7	6	50	4	15	5	odd ff	ombcmif.	35	31	0·1
Eskdalemuir ...	–	0	02	f	04·4	+35	37	37	–	–	–	9	–	–	–	–	7	oddm	ofc	35	33	1
Prestwick ...	080	04	28	ic	99·7	+33	41	40	5	–	–	8	8	17	1	10	1	cir.m.	cir.f.f.m.f	39	37	2
West Freugh ...	080	08	23	f.f.	98·8	+32	43	43	7	–	–	8	8	03	5	03	1	cm.frr	orrmir.	43	40	6
Ronaldsway ...	060	09	16	rr	98·2	+25	45	44	7	–	–	8	8	02	–	–	1	ofef	farrf.f.	43	42	16
Tiree	010	14	60	c	02·8	+45	45	43	6	–	–	8	8	45	5	18	1	cid.d.d.m.	cir.id.m.	43	41	1
Benbecula ...	360	17	48	clr	04·3	+42	42	40	5	–	–	8	8	17	–	–	5	crrf.f.cm.	cm.w	39	37	2
Stornoway ...	330	19	66	bc	04·3	+43	40	37	5	–	–	5	5	25	–	–	5	ccifbc	ccifbc	35	33	0·2
Cape Wrath ...	360	03	81	c	02·0	+36	44	42	8	–	–	7	–	–	–	–	5	crr.	c	38	33	2
Sule Skerry ...	320	03	81	c	00·2	+19	45	44	5	–	–	8	8	10	–	–	2	*	*	41	34	2
Renfrew ...	–	0	08	d.d.	00·5	+28	35	35	–	–	–	9	–	–	–	–	5	cr.d.off	od.fff	34	33	1
Dyce	340	02	36	id.	00·4	+31	35	35	6	–	–	8	8	35	6	12	5	or.frrm	ofcd.m.	34	32	2
Wick	310	11	04	f+	00·1	+34	38	38	–	–	–	9	–	–	–	–	6	oid.m.crf	orrfcm.	34	33	4
Lerwick ...	150	05	57	c	00·7	+09	41	41	6	–	–	8	8	04	–	–	5	cd.dorr	orrid.c	38	26	6
Blacksod Point	360	27	70	c	04·4	+50	48	43	7	–	–	8	8	15	–	–	1	d	d	45	43	2
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2	*	*	44		1
Aldergrove ...	350	07	48	o	98·8	~~+46~~ T+47	45	45	6	–	–	8	8	05	–	–	2	crrm.RRm.	cri.m.id.	43	43	21
Castle Archdale	350	15	60	o	00·8	+55	44	44	6	–	–	8	8	08	–	–	2	crrm.cd.d.	ccd.d.	42	42	3
Birr Castle ...	330	09	61	c	99·6	+45	41	45	6	–	–	8	8	18	7	08	1	f	d	45	45	0·6
Collinstown ...	330	10	61	d.d.	96·4	+23	47	46	7	–	–	8	8	07	5	04	1	f	f	45	45	0·3
Rineanna ...	320	16	62	id.	02·0	+42	48	46	7	–	–	8	8	12	3	08	1	d	d	46	45	0·4
Valentia ...	350	18	66	pf.	05·2	+37	50	44	8	–	–	8	2	28	6	21	1	c	Pd	49	47	TR
Midleton ...	340	15	62	clf	00·2	+21	49	47	6	–	–	8	8	16	–	–	1	bc		45	38	0·1

00h. Ships' Reports

Ship	Lat. N ° '	Long. W ° '	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med. †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
CIRRUS	44°54'	15°48'	1011	+15	280	30	ic	o	57	56	52	60	7	2	–	8	8	6½
POLAR FRONT	66°12'	02°0'E	990	–34	190	40	rr	r	45	45	41	96	7	–	–	8	8	13
MERMOZ	52°30'	20°18'	1008	+78	010	18	c	r	52	51	45	60	5	–	–	8	8	9½
WEATHER OBSERVER	58°54'	18°48'	1004	+34	290	15	c	c	42	48	31	98	5	–	–	7	7	6½
U.S. SHIP "C"	52°36'	35°42'	1009	–24	110	15	c	c	43	46	34	69	5	–	–	8	8	3
U.S. SHIP "D"	44°0'	41°0'	991	–14	180	23	clr	r	60	58	57	63	4	–	–	7	7	9½
WEATHER EXPLORER	52°36'	09°48'	995	+28	020	29	bc	c	48	50	43	98	8	–	–	4	5	6½
WEATHER RECORDER	55°12'	05°36'	994	–	160	12	rc	c	48	47	46	58	7	2	–	8	8	3
WEATHER WATCHER	62°6'	31°0'	999	+23	270	18	clps	p	32	42	27	98	3	–	–	6	6	9½
REINA DEL PACIFICO	40°54'	26°30'	1022	+28	210	24	b	b	61	57	59	98	5	–	–	2	2	9½

06h. Ships' Reports

Ship	Lat. N ° '	Long. W ° '	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med. †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	58°48'	18°42'	1009	+23	270	20	c	c	42	48	34	98	8	–	–	3	7	6½
MERMOZ	52°24'	20°12'	1015	+35	020	12	c	c	50	50	37	60	5	–	–	8	8	8
CIRRUS	45°0'	15°54'	1016	+29	310	24	b	p	57	57	52	60	9	–	–	2	2	22½
POLAR FRONT	66°18'	02°6'	991	+18	240	28	pr	r	41	42	34	98	5	–	–	8	8	13
WEATHER WATCHER	62°12'	31°18'	1002	+16	280	16	c	c	30	42	23	98	1	–	2	1	7	8
U.S. SHIP "C"	52°36'	35°48'	1001	–52	090	30	rc	c	46	46	44	63	7	2	–	6	8	9½
U.S. SHIP "D"	44°0'	41°0'	987	–19	160	23	ir	c	60	58	57	58	–	–	–	9	9	9½
WEATHER EXPLORER	55°42'	08°12'	1003	+38	010	26	c	c	48	50	44	98	5	–	–	8	8	6½
WEATHER RECORDER	55°18'	06°42'	1000	+44	150	19	rc	f	46	45	45	45	7	–	–	8	8	3
LEVERRIER	49°36'	10°48'	100	+26	340	24	bc	bc	54	53	50	97	2	–	2	2	3	5

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*Information not usually received.

† Code figure (see Introduction)

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

No.... 34030.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue.... Sunday 23rd January, 1955

OBSERVATIONS at 12h. G.M.T. 22nd January, 1955.

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer Ht. † (16)
Kew	010	05	05	f	019	+22	45	45	-	-	-	9	-	-	-	-
London Airport	010	05	07	id.	02·0	+22	44	44	6	-	-	8	8	05	-	-
Tangmere	010	11	16	ro.	01·2	+17	48	48	6	-	-	8	8	50	2	03
Bournemouth (Hurn	360	09	40	c	02·1	+19	50	49	6	-	-	7	7	20	5	06
Boscombe Down	010	02	23	c/d	02·8	+21	47	47	6	-	-	8	8	05	6	02
Felixstowe	040	05	07	i.	02·5	+21	44	44	-	-	-	9	-	-	-	-
Gorleston	030	04	F9	id.	03·7	+26	40	39	-	-	-	9	-	-	-	-
West Raynham	020	02	01	f-	02·7	+20	40	40	-	-	-	9	-	-	-	-
Mildenhall	020	07	02	f+	02·6	+18	42	42	-	-	-	9	-	-	-	-
Cranfield	050	04	F5	f+	02·9	+20	41	41	-	-	-	9	-	-	-	-
Elmdon	330	02	04	c-	03·5	+23	42	42	6	-	-	7	7	40	5	03
Cottesmore	360	06	01	f+	04·6	+23	39	39	-	-	-	9	-	-	-	-
Watnall	350	03	07	c+	04·5	+34	42	41	5	-	-	7	7	35	3	30
Ross-on-Wye	010	02	08	c-	03·4	+25	44	43	5	3	-	6	5	30	-	-
Shawbury	-	0	01	c-	04·3	+28	39	39	5	7	7	8	2	35	-	-
Bristol	050	07	09	if	03·5	+25	47	46	6	-	-	8	7	01	-	-
Plymouth	-	0	11	dr	02·9	+14	49	49	6	2	-	8	8	20	4	12
Chivenor	-	0	10	dd	02·8	+17	49	48	6	-	-	8	8	03	-	-
St. Eval	320	13	07	id	03·3	+18	48	48	-	-	-	9	-	-	-	-
Culdrose	320	15	60	c	04·3	+18	49	48	6	-	-	7	7	10	5	07
Scilly, St. Mary's	300	23	58	c	04·6	+24	50	47	5	-	-	8	8	08	-	-
Guernsey	300	10	58	o	02·7	+24	50	50	6	-	-	8	8	03	-	-
Aberporth	040	06	F4	dd	03·7	+21	47	47	-	-	-	9	-	-	-	-
Pembroke Dock	030	02	61	c	02·6	+28	49	48	6	-	2	7	5	25	3	08
Holyhead (Valley)	030	09	17	id.	05·3	+32	46	46	6	-	-	8	8	16	4	04
Manchester	340	02	02	cf	04·2	+31	43	40	5	-	-	7	7	35	-	-
Squires Gate	330	04	15	c/f	05·5	+21	43	41	5	-	-	8	7	57	3	40
Silloth	030	06	15	rr	07·8	+25	41	40	7	-	-	8	8	35	7	09
Lindholme	350	08	06	f-	047	+29	37	37	-	-	-	0	-	-	-	-
Spurn Head	360	06	F2	f	04·2	+30	40	40	-	-	-	9	-	-	-	-
Dishforth	320	10	02	of+	05·8	+36	36	36	6	-	-	8	8	01	-	-
Tynemouth	330	16	24	c	06·6	+39	41	40	-	7	-	8	8	57	-	-
Leuchars	350	03	28	c	08·2	+38	42	38	5	7	-	8	7	30	-	-
Eskdalemuir	360	07	58	c	08·3	+42	40	38	5	-	-	8	8	22	-	-
Prestwick	330	06	08	cf	09·0	+49	42	41	6	7	-	7	4	12	1	09
West Freugh	350	14	48	c/r	07·4	+43	46	44	5	7	-	7	3	25	-	-
Ronaldsway	340	12	50	ro.	06·4	+41	46	44	6	2	-	8	8	30	6	08
Tiree	360	18	87	bc	12·6	+47	44	36	5	3	1	3	1	40	-	-
Benbecula	360	07	83	c	13·4	+40	42	37	8	-	-	7	3	35	1	25
Stornoway	320	09	80	c	18·1	+38	40	36	5	-	-	7	7	35	2	20
Cape Wrath	320	09	83	c	12·1	+53	42	34	8	3	-	7	4	25	-	-
Sule Skerry	360	09	82	c	09·8	+47	44	37	5	-	-	8	8	10	-	-
Renfrew	030	02	03	cf	09·1	+42	40	40	5	7	1	7	2	50	-	-
Dyce	330	16	59	c/d	08·2	+41	40	39	6	-	-	8	7	07	-	-
Wick	310	14	82	c	09·7	+52	38	33	5	3	8	7	4	20	-	-
Lerwick	340	13	58	c	07·2	+35	40	36	5	-	-	6	6	30	-	-
Blacksod Point	350	21	80	c	14·5	+46	46	40	8	-	-	7	7	49	2	25
Malin Head	360	19	79	c	13·1	+56	46	38	5	3	-	6	4	21	-	-
Aldergrove	350	16	58	c	09·2	+43	45	43	6	-	2	7	C8	30	3	08
Castle Archdale	010	15	68	c	12·2	+53	45	43	5	-	-	7	6	20	2	12
Birr Castle	350	12	64	c	10·5	+50	47	42	6	-	-	7	7	20	2	15
Collinstown	360	17	54	ro.	08·2	+57	45	44	6	-	-	8	8	05	-	-
Rineanna	350	15	74	c	12·6	+56	48	44	6	-	-	8	8	50	1	12
Valentia	360	22	72	c	13·9	+45	50	43	8	-	-	7	7	45	6	20
Midleton	350	22	66	c	09·4	+48	49	44	6	3	-	7	7	19	-	-

OBSERVATIONS at 18h. G.M.T. 22nd January, 1955.

Stations (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	360	11	20	ro.	08·0	+39	42	42	7	-	-	8	8	07	-	-	1
London Airport	010	10	12	o/r	08·0	+12	42	42	6	-	-	8	8	04	-	-	1
Tangmere	020	17	19	rr	06·3	+34	46	44	7	-	-	8	8	06	-	-	2
Bournemouth (Hurn	020	13	39	c/r	07·4	+36	48	46	6	-	-	8	8	11	6	08	1
Boscombe Down	020	15	19	ro.	09·1	+44	45	45	6	-	-	8	8	04	-	-	1
Felixstowe	020	11	07	i.	07·8	+37	41	41	6	-	-	8	8	02	-	-	2
Gorleston	360	13	02	DD	08·0	+30	40	39	-	-	-	9	-	-	-	-	2
West Raynham	010	08	01	d. d.	08·9	+35	39	34	-	-	-	9	-	-	-	-	2
Mildenhall	020	08	04	f	09·0	+39	40	40	-	-	-	9	-	-	-	-	1
Cranfield	020	10	02	c/d	09·2	+41	40	40	-	-	-	9	-	-	-	-	1
Elmdon	020	13	10	c/f	11·4	+47	42	41	6	-	-	8	7	03	-	-	2
Cottesmore	360	17	01	f	11·5	+41	38	38	-	-	-	9	-	-	-	-	5
Watnall	010	17	11	c	12·4	+44	39	39	6	-	-	8	8	30	6	10	5
Ross-on-Wye	020	10	17	o	10·9	+47	45	42	6	-	-	8	8	10	-	-	1
Shawbury	360	08	17	c	12·8	+50	41	38	6	7	-	8	3	12	-	-	1
Bristol	020	15	17	c	09·7	+40	46	42	5	-	-	8	8	35	-	-	1
Plymouth	030	06	27	c/d	09·1	+42	51	47	6	2	-	8	8	40	5	10	1
Chivenor	360	10	58	c	10·6	+46	49	47	5	-	-	8	8	50	2	12	1
St. Eval	020	12	14	o/f	10·5	+56	47	47	6	-	-	8	8	01	-	-	2
Culdrose	010	20	60	c	09·8	+40	48	47	6	7	-	7	6	12	3	06	2
Scilly, St. Mary's	360	24	48	o	09·2	+32	49	47	7	-	-	8	8	06	-	-	1
Guernsey	330	14	48	c	06·5	+22	49	47	6	7	-	7	5	16	3	02	2
Aberporth	340	12	16	o/r	12·3	+43	44	44	6	-	-	8	8	01	-	-	1
Pembroke Dock	360	18	59	c	11·9	+43	48	45	6	3	-	7	3	05	-	-	1
Holyhead (Valley)	010	10	48	c/d	14·1	+48	44	43	5	-	-	8	8	31	2	15	1
Manchester	040	13	32	c	12·5	+42	43	38	5	7	-	8	5	14	-	-	2
Squires Gate	030	06	22	c	13·3	+44	42	39	5	-	-	6	6	50	1	35	1
Silloth	030	15	59	bc	15·4	+38	41	37	5	-	-	4	4	35	-	-	5
Lindholme	330	10	11	o/f	12·2	+43	40	40	6	-	-	8	8	07	-	-	5
Spurn Head	360	20	32	o	09·7	+31	41	41	6	-	-	8	8	15	-	-	1
Dishforth	320	10	17	id.	13·6	+43	39	37	6	-	-	8	8	09	-	-	5
Tynemouth	350	27	61	c	13·5	+47	42	39	-	2	-	8	8	56	-	-	1
Leuchars	360	05	74	bc	16·7	+47	40	31	-	-	2	3	-	-	3	70	5
Eskdalemuir	-	0	48	bc	16·2	+43	38	35	5	4	-	3	2	20	-	-	5
Prestwick	-	0	19	b	17·0	+39	36	33	5	-	-	1	1	30	-	-	1
West Freugh	010	12	50	b	16·2	+36	43	37	-	-	-	0	-	-	-	-	1
Ronaldsway	330	07	60	bc	15·4	+49	43	39	5	-	-	3	3	30	1	13	1
Tiree	360	12	66	c	19·6	+39	43	38	5	-	-	7	7	26	-	-	1
Benbecula	320	04	83	c	20·3	+44	39	36	8	-	-	7	7	47	2	25	5
Stornoway	270	06	74	b	19·7	+40	35	33	5	-	-	1	1	50	-	-	2
Cape Wrath	360	09	83	c	17·7	+45	43	29	8	-	-	7	7	25	-	-	5
Sule Skerry	360	06	82	c	13·5	+31	44	34	5	-	-	8	8	15	-	-	0
Renfrew	310	08	28	b	17·7	+47	39	33	-	3	1	1	-	-	1	58	5
Dyce	320	13	74	c	16·7	+47	38	34	5	-	-	7	7	30	-	-	5
Wick	320	10	82	c	17·2	+47	37	33	5	-	-	8	8	34	-	-	6
Lerwick	330	03	66	c	15·1	+44	37	34	5	-	2	7	5	27	-	-	5
Blacksod Point	350	10	80	c	21·7	+45	45	39	5	-	-	7	7	56	4	35	
Malin Head	360	05	64	bc	19·8	+38	44	33	-	3	-	3	-	-	3	60	
Aldergrove	350	08	66	b	17·7	+44	40	37	5	4	-	2	2	30	-	-	1
Castle Archdale	330	13	81	bc	20·2	+47	38	36	5	-	-	3	3	28	-	-	1
Birr Castle	340	08	82	bc	19·6	+48	42	38	5	-	-	4	4	38	-	-	
Collinstown	360	10	66	c	17·0	+44	44	40	5	-	-	6	6	25	-	-	
Rineanna	340	14	82	b	20·5	+48	42	38	5	-	-	1	1	45	-	-	
Valentia	010	10	78	bc	20·5	+40	47	39	8	-	-	4	3	25	-	-	
Midleton	360	22	66	b	17·7	+52	46	39	6	-	-	1	1	20	-	-	

OBSERVATIONS during DAY

Stations (For heights see p. 4)	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	oF ef erm	erm o r o m.	46	0·0	1
London Airport	id. F o m	oi d. ro f m.	45	*	1
Tangmere	c s. m	c r r m	49	0·0	4
Bournemouth (Hurn	cm. cm. d o d.	c d o d. m. r o w r	50	*	0·6
Boscombe Down	o f i d. m o c i r. m.	c m. r o f. m c m. i f.	48	0·0	3
Felixstowe	o r s. f	o i r. f of e o m	44	0·0	0·2
Gorleston	f i d. o f	f	41	0·0	0·5
West Raynham	o i r d r. d F F	o d o d. o r o. F F	40	0·0	1
Mildenhall	o F e d f	o f i d. o r o o F	42	0·0	0·6
Cranfield	o F d f d.	o f d d o f	43	0·0	1
Elmdon	F a f c f	c f c m i d.	44	0·0	TR
Cottesmore	f i d. i f o f	f i d.	36	0·0	0·2
Watnall	c f	c f c m	43	0·0	-
Ross-on-Wye	o f c f c m	c m o m	47	0·3	-
Shawbury	F c f	c i r. f c m o m.	44	0·0	0·3
Bristol	o f w i f. o c	c c m c	48	0·0	-
Plymouth	c m. e r d m c m	e m. i r. c m.	51	0·0	TR
Chivenor	o f o d d m. i d o m.	c i d. m o c m.	51	0·0	2·3
St. Eval	c m. o d d f c m.	o d d F F d. d o o m	49	0·0	1
Culdrose	e i d. c i r.	o i d. o c	49	0·0	2
Scilly, St. Mary's	o	o i d o	50	0·0	0·3
Guernsey	f f o m c	c i r. r r c	50	0·0	2
Aberporth	c i d. o d d F	c i r m c m.	47	0·0	3
Pembroke Dock	o d o d. m c o i d.	c m o c	50	0·0	0·3
Holyhead (Valley)	e i d o m.	c i r. m. c m.	47	0·0	0·3
Manchester	c m c f c m	c m c i r. c b c c	47	0·0	TR
Squires Gate	c m f c m.	c i r. m o b l l.	47	0·0	0·1
Silloth	o F c r r m c m.	c m o b	43	0·0	1
Lindholme	o F F o f f	o f f o m	41	0·0	-
Spurn Head	F	F o m. o f	41	0·0	-
Dishforth	F i d. f c m	c m i d o m c m.	40	0·0	TR
Tynemouth	o f f d d o m.	o m. o c q	43	0·0	0·3
Leuchars	c r d o m.	e b c b	43	0·4	0·2
Eskdalemuir	c i d c M.	e b	40	0·0	TR
Prestwick	c f i r. c m	b e i f b m x	43	0·5	TR
West Freugh	c i r m e m	b e m b m x	47	0·0	2
Ronaldsway	c f o. f o.	c i f. b	47	0·0	1
Tiree	c b e b	b b c c	45	5·4	-
Benbecula	e p f. e	e b c	44	1·2	TR
Stornoway	c e p f o c	c b p f o b	41	0·4	0·2
Cape Wrath	c	c b	44	*	-
Sule Skerry			45	*	-
Renfrew	c i r. o f f b c z o	b z o b i f	45	1·6	0·3
Dyce	c i d. m o c	a b c	41	0·0	TR
Wick	c	c	40	1·8	-
Lerwick	c m. o c	c	42	2·4	-
Blacksod Point	c	c	47	0·4	1
Malin Head	e		40		-
Aldergrove	c m. o	b c b	46	0·8	-
Castle Archdale	c i d. o b c	b	46	2·2	0·1
Birr Castle	c	b c	47	1·0	-
Collinstown	d	r	46	0·0	1
Rineanna	d	b	49	0·0	TR
Valentia	p	b c	50	0·3	TR
Midleton	r	b c	50	2·3	-

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58° 48′	18° 36′	1013	+19	220	19	c/p	p	43	48	37	78	8	-	-	4	6	8
MERMOZ	52° 24′	20° 6′	1019	+18	190	08	c	c	50	50	37	70	5	-	-	6	6	8
POLAR FRONT	66° 24′	02° 30′ E	994	+08	240	33	bc	c	37	44	32	99	8	6	2	2	5	11
CIRRUS	44° 54′	15° 48′	1021	+20	320	11	c	bc	55	54	52	60	5	-	-	7	7	14
WEATHER WATCHER	62° 6′	32° 6′	1003	-03	070	02	is.	s	29	40	25	98	5	-	-	7	7	6½
U.S. SHIP "C"	52° 30′	35° 54′	990	-46	160	28	ro.	r	51	46	50	90	6	-	-	8	8	9½
U.S. SHIP "D"	44° 0′	41° 0′	986	-07	160	29	bc	p	62	58	56	63	1	-	-	3	3	11
LE VERRIER	49° 6′	09° 6′	1012	+13	340	30	c	c	54	53	46	97	8	-	-	7	7	13
WEATHER EXPLORER	55° 24′	06° 36′	1011	+42	350	27	b	bc	46	46	41	98	5	4	-	1	2	8
CAVINA	43° 12′	21° 6′	1024	+18	250	08	cf+	bc	58	57	57	97	5	-	-	8	8	5

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58° 42′	18° 36′	1013	-02	230	17	c	bc	45	48	34	98	5	-	-	8	8	5
MERMOZ	52° 30′	20° 12′	1019	-04	160	27	c/r	r	50	50	46	70	5	-	-	8	8	8
POLAR FRONT	66° 12′	02° 18′ E	998	+27	250	37	bc	p	36	45	28	99	8	6	-	2	3	17½
CIRRUS	45° 0′	16° 6′	1024	+19	330	08	c	p	55	55	52	65	5	7	-	7	7	9½
WEATHER WATCHER	62° 6′	32° 12′	999	-21	240	18	c	s	33	40	27	98	5	-	-	7	7	6½
U.S. SHIP "C"	52° 48′	35° 30′	987	-14	180	27	cf	r	52	46	49	37	6	-	-	8	8	11
MANCHESTER SHIPPER	50° 12′	26° 54′	1010	+10	200	20	c	c	54	52	54	98	5	-	-	7	7	5
KENT	43° 30′	09° 24′	1018	+30	320	17	jp	p	57	59	57	98	8	7	4	5	6	11
RAMORE HEAD	53° 54′	25° 30′	1006	-60	160	30	rr	c	51	48	51	97	7	-	2	8	8	-
SEATTLE STAR	41° 30′	20° 54′	1028	+08	270	12	jp	c	58	60	58	98	6	-	-	8	8	8

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet; 56–80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Saturday 22nd January,

1955

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

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ● Sky 4/8 covered ◕ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

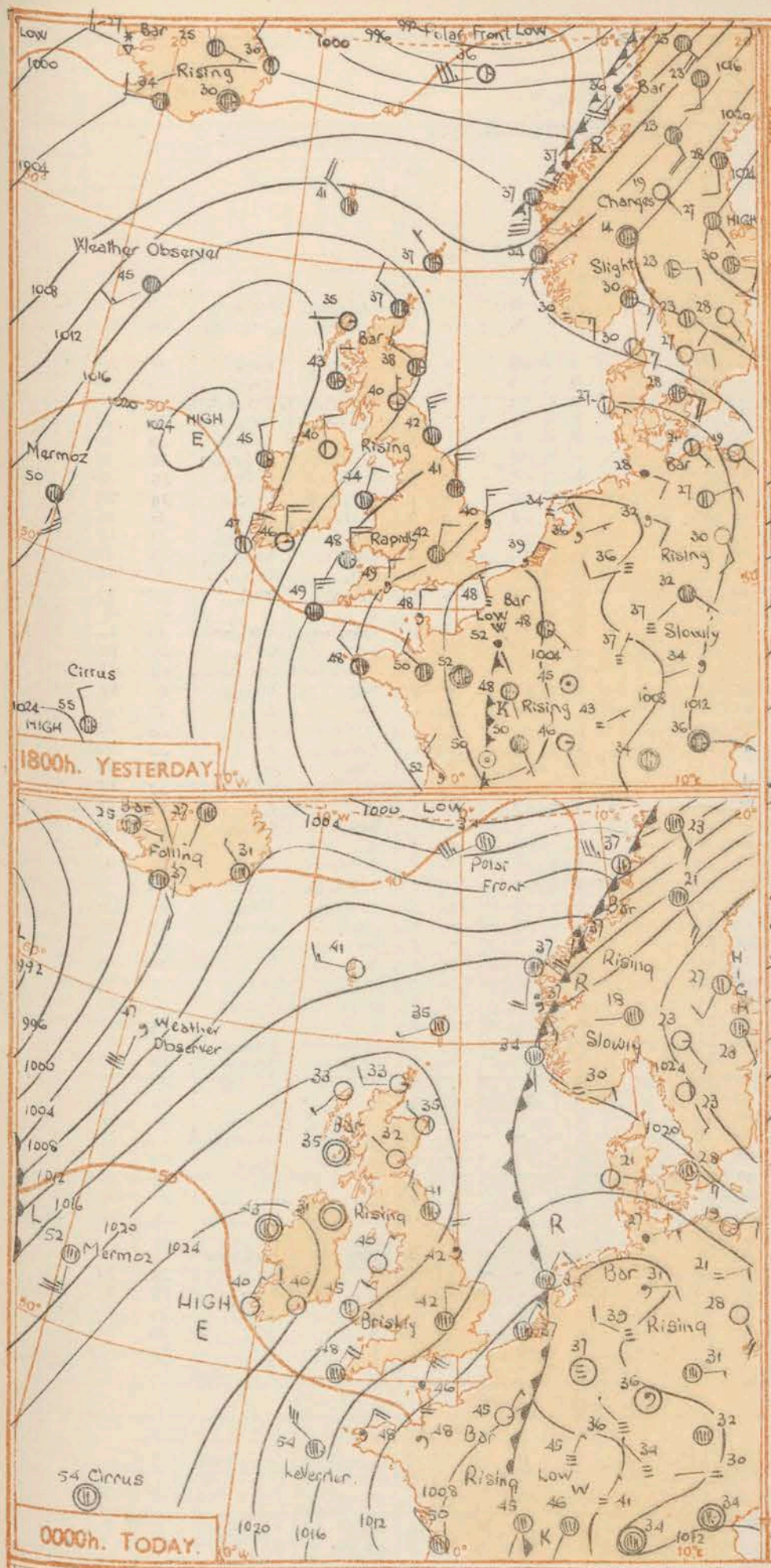
WEATHER SYMBOLS • Rain, , Drizzle * Snow * Sleet △ Hail ▽ Shower R Thunderstorm T Thunder ≡ Fog = Mist

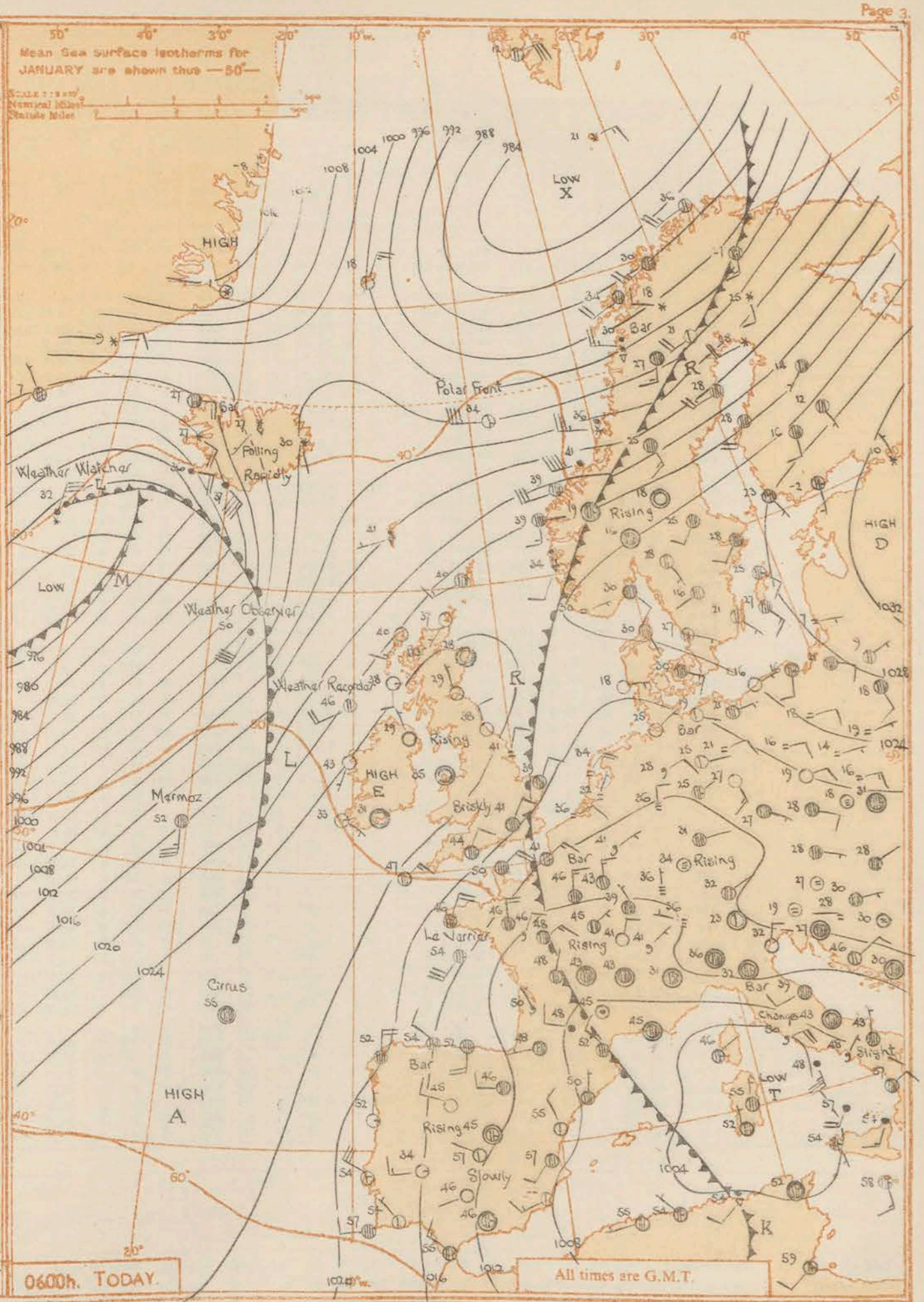
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- 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.





GENERAL SYNOPTIC DEVELOPMENT :-

Issued at mid-day. today Sunday. 23rd January 1955

The complex low pressure area covering the British Isles yesterday moved southeastward and filled up and was followed by an intensifying ridge of high pressure. This ridge will continue to develop as it moves slowly southeastward, and a mild southwesterly airstream will spread across most districts on the northern flank of the ridge.

FORECAST FOR BRITISH ISLES until noon tomorrow :-

It will be dull and misty at first over southeastern districts of England, otherwise it will be mostly rather cold with sunny intervals this afternoon. Cloudy mild weather will occasional rain will soon affect Western Scotland and spread to the remainder of Scotland, Northern Ireland, Wales and Northern England by noon tomorrow. In many places of central and southern districts of England frost will occur tonight and fog will develop locally. This will disperse tomorrow morning.

OUTLOOK FOR the following 24 hours :- ..... Probably dry in Southeast England with some fog and frost again tomorrow night. Mainly mild and cloudy elsewhere with some rain or drizzle especially in the northwest.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 23rd January 1955

OBSERVATIONS at 06h. G.M.T. 23rd January 1955

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Height above M.S.L.	00h. Wind Direction (degrees)	00h. Wind Speed (kts.)	00h. Visibility †	00h. Present Weather	00h. Pressure Bar at M.S.L. mb	00h. Pressure Change in 3 hrs.	00h. Temp. Dry Bulb °F.	00h. Temp. Dew point °F.	00h. Cloud Form Low †	00h. Cloud Form Medium †	00h. Cloud Form High †	00h. Cloud Total amount 0–8	00h. Cloud Main layer Amt. 0–8	00h. Cloud Main layer Ht. †	00h. Cloud Lowest layer Amt. 0–8	00h. Cloud Lowest layer Ht. †	06h. Wind Direction (degrees)	06h. Wind Speed (kts.)	06h. Visibility †	06h. Present Weather	06h. Pressure Bar at M.S.L. mb	06h. Pressure Change in 3 hrs.	06h. Temp. Dry Bulb °F.	06h. Temp. Dew point °F.	06h. Cloud Form Low †	06h. Cloud Form Medium †	06h. Cloud Form High †	06h. Cloud Total amount 0–8	06h. Cloud Main layer Amt. 0–8	06h. Cloud Main layer Ht. †	06h. Cloud Lowest layer Amt. 0–8	06h. Cloud Lowest layer Ht. †	09h. State of ground †	Weather 21h.–03h.	Weather 03h.– 09h.	Temperature 21h.–09h. Min. °F.	Temperature 21h.–09h. Min. on Grass °F.	Rain 21h. 09h. mm.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(41)	(42)	(43)
Kew	18	*	*	*	*	*	*	42	*	*	*	*	8	8	*	*	*	030	13	56	o/r	20·6	+28	41	39	6	-	-	8	8	05	-	-	1	an.r.m.	oci.m.	40	39	0·1
London Airport	82	360	09	28	c/d	15·5	+37	42	42	6	-	-	8	8	09	-	-	020	11	59	c/d	20·6	+27	41	40	6	-	-	8	8	06	-	-	1	oi d. m.	oi d. m.	41	39	TR
Tangmere ...	53	010	25	23	ifo	14·0	+31	43	42	6	-	-	8	8	07	-	-	040	13	50	o	19·1	+23	43	41	6	-	-	8	8	08	-	-	1	cm. cir.	cm.	41	40	TR
Bournemouth (Hurn	34	020	16	56	o	15·8	+41	44	41	6	-	-	8	8	08	-	-	010	13	56	o	20·3	+25	44	41	6	-	-	8	8	08	-	-	1	cm.	cm.	43	42	TR
Boscombe Down	414	020	16	28	o/r	17·1	+42	42	41	6	-	-	8	8	04	-	-	030	09	32	o	21·3	+24	42	41	6	-	-	8	8	02	-	-	1	cir.f.m.cm.	cid.m.cm.	41	41	TR
Felixstowe ...	10	010	14	20	o/f	14 3	+35	40	40	6	-	-	8	8	03	-	-	030	08	35	o	19·8	+29	39	39	6	-	-	8	8	06	-	-	2	ofeom	om.	38	37	-
Gorleston ...	5	350	11	08	f	15·4	+36	40	40	-	-	-	9	-	-	-	-	020	11	40	o	20·3	+27	39	37	6	-	-	8	8	10	-	-	1	f	fom.	38	37	-
West Raynham	250	010	12	01	f	16·3	+39	40	40	-	-	-	9	-	-	-	-	020	12	23	o	20·9	+24	38	37	6	-	-	8	8	05	-	-	1	ofof.d.d.ff	cff.m.	38	37	0·3
Mildenhall ...	15	020	12	02	d.d.	16·2	+39	41	41	-	-	-	9	9	00	-	-	060	08	04	f+	21·2	+29	40	38	-	-	-	9	9	04	-	-	1	ofd.d. of	of cm	38	38	0·4
Cranfield ...	340	200	12	23	id.	17·1	+44	40	40	6	-	-	8	8	05	-	-	010	20	01	f+	21·1	+25	40	40	-	-	-	9	8	00	-	-	1	of cm.d	ofcd.	39	39	0·1
Elmdon ...	324	360	14	48	c	18·6	+37	41	38	6	-	-	8	8	09	-	-	010	11	96	o	22·9	+23	40	38	6	-	-	8	8	08	-	-	2	cid.cm.	cm.	40	39	TR
Cottesmore ...	440	360	18	06	d.d.	18·1	+37	38	38	-	-	-	9	-	-	-	-	360	09	02	d.d.	22·4	+22	39	39	-	-	-	9	-	-	-	-	2	d.d.f	d.d.ff	37	36	0·1
Watnall ...	366	360	18	50	id.	18·8	+35	40	38	7	-	-	8	8	10	7	06	010	21	62	c	23·0	+21	40	37	6	-	-	8	8	31	4	11	2	cid.m.	om.cm.	38	38	TR
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	020	06	48	o	22·8	+18	41	37	6	-	-	8	8	15	-	-	1	om.	om.	41	39	-
Shawbury ...	235	350	11	48	c	20·7	+37	41	35	5	-	-	8	8	22	-	-	350	13	57	c	24·2	+20	40	37	5	-	-	8	8	16	-	-	1	ocm.	cm.	35	32	-
Bristol	192	020	15	48	o	18·4	+44	43	41	6	-	-	8	8	09	-	-	030	13	48	o	22·9	+28	42	40	6	-	-	8	8	08	-	-	1	c	c	41	40	-
Plymouth ...	90	050	18	48	o	17·5	+48	47	42	6	-	-	8	8	15	-	-	050	17	48	bc	21·8	+24	45	39	5	-	-	3	3	19	-	-	1	cm.bm.	cm.bm.	43	36	-
Chivenor ...	20	050	12	32	c	18·7	+39	46	41	5	-	-	7	7	21	-	-	040	02	48	c	23·4	+25	45	40	5	-	-	8	8	21	-	-	1	cm.	cm.	42	38	-
St. Eval... ...	336	010	20	40	o	18·6	+39	46	44	6	-	-	8	8	09	-	-	030	12	48	c	22·7	+16	44	41	5	-	-	8	8	17	-	-	1	om.cm.bc	cm.bm.bc	43	38	-
Culdrose ...	260	020	24	40	o	17·8	+30	47	45	6	-	-	8	8	08	-	-	030	14	56	c	22·4	+20	43	41	6	-	-	7	7	08	-	-	1	ocs	bbecb	41	38	-
Scilly, St. Mary's	158	010	22	58	c	17·7	+38	48	45	5	-	-	8	8	08	-	-	030	17	58	c	21·0	+17	47	43	5	-	-	6	6	10	-	-	1	oc	c	47	*	-
Guernsey ...	340	360	20	32	o	13·8	+39	46	44	6	-	-	8	8	07	-	-	010	18	48	o	18·9	+20	45	43	6	-	-	8	8	11	-	-	1	cirbc	c	44	43	0·1
Aberporth ...	375	040	06	66	bc	20·9	+38	42	39	5	-	-	3	3	20	-	-	080	08	74	b	24·2	+14	39	37	5	-	2	2	2	22	-	-	1	cm.b	b	34	22	-
Pembroke Dock	34	020	10	66	bc	20·5	+38	45	40	5	3	-	4	2	20	-	-																	1	cbc	b	35	29	-
Holyhead (Valley)	32	050	06	66	b	21·7	+31	40	37	-	-	-	0	-	-	-	-	—	0	66	b	24·9	+19	35	33	-	-	-	0	-	-	-	-	1	b	bx	32	25	-
Manchester ...	248	020	16	60	c	20·7	+40	42	35	5	-	-	8	8	20	-	-	350	11	58/60	c	24·2	+33	40	34	5	-	-	8	8	28	-	-	2	c	c	38	35	-
Squires Gate ...	33	090	04	48	b	21·5	+32	40	34	5	-	-	1	1	40	-	-	020	09	56	b	24·3	+18	36	31	-	-	-	0	-	-	-	-	1	bm.	bm.x	31	20	-
Silloth	25	010	04	68	b	23·2	+30	37	31	-	-	-	0	-	-	-	-	—	0	57	b	25·9	+17	31	28	-	-	-	0	-	-	-	-	5	b	b	25	18	-
Lindholme ...	21	350	17	61	c	18·9	+34	41	40	6	-	-	8	8	13	5	09	320	10	59	o	23·2	+18	38	35	6	-	-	8	8	17	-	-	2	cmcm.c	ccm.	37	33	-
Spurn Head ...	29	360	15	24	id.	17·0	+36	42	42	7	-	-	8	8	08	-	-	020	09	16	o	22·0	+28	41	41	6	-	-	8	8	10	-	-	1	fe.o.d.	om	40	*	2
Dishforth ...	105	340	14	58	c	20·8	+31	40	34	5	-	-	8	8	24	-	-	310	10	63	b	24·2	+20	33	32	-	-	-	0	-	-	-	-	5	cm.	ebcc	34	32	-
Tynemouth ...	108	350	17	61	c	22·3	+50	41	37	5	-	-	7	7	36	-	-	350	11	61	b	24·3	+07	38	34	-	-	-	0	-	-	-	-	1	cqb	bbcm.	38	31	-
Leuchars ...	36	330	02	58	b	22·9	+20	32	30	-	-	-	0	-	-	-	-	240	04	62	b	24·9	+12	30	27	-	-	-	0	-	-	-	-	5	bm.	b	30	21	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—	0	66	b	26·2	+05	27	24	-	-	-	0	-	-	-	-	5	b	b	25	18	-
Prestwick ...	30	—	0	32	b	23·9	+21	31	28	-	-	-	0	-	-	-	-	—	0	60	b	26·3	+16	28	26	-	-	-	0	-	-	-	-	3	bmox	bbcx	25	22	-
West Freugh ...	50	300	06	58	b	23·4	+25	30	28	-	-	-	0	-	-	-	-	—	0	62	b	25·6	+11	27	26	-	-	1	1	-	-	1	70	3	bimx	bxbcx	26	20	-
Ronaldsway ...	55	040	09	66	b	22·5	+28	39	32	-	-	-	0	-	-	-	-	010	05	74	b	25·0	+10	31	30	-	-	-	0	-	-	-	-	3	b	bbx	29	20	-
Tiree	29	—	0	80	b	23·7	+18	35	34	-	-	-	0	-	-	-	-	180	11	80	b	24·0	-03	38	33	5	-	-	1	1	20	-	-	1	bcbx	bxbcc	33	22	-
Benbecula ...	18	180	06	83	b	22·6	+06	38	31	-	-	-	0	-	-	-	-	180	11	83	c	21·7	-17	36	31	5	-	-	7	7	40	-	-	5	bcbwx	bwxc	32	27	-
Stornoway ...	10	240	01	74	b	22·3	+09	33	32	-	-	-	0	-	-	-	-	200	15	74	b	21·4	-12	40	38	-	-	-	0	-	-	-	-	5	b	bc	27	25	-
Cape Wrath ...	367	270	05	83	b	21·6	+19	39	34	5	-	-	2	2	30	-	-	230	09	82	c	20·8	-09	39	31	6	-	-	7	7	30	-	-	5	b	c	36	34	-
Sule Skerry ...	43	190	05	82	bc	20·7	+10	44	37	5	-	-	4	4	15	-	-	280	05	82	b	20·9	-02	40	40	-	-	-	0	-	-	-	-	0			41	35	-
Renfrew ...	28	—	0	06	bf-	23·8	+21	29	27	-	-	-	0	-	-	-	-	—	0	07	bf-	26·3	+13	26	25	-	-	-	0	-	-	-	-	5	bffxbm.	bmoxffmx	24	22	-
Dyce	185	310	05	74	b	22·7	+19	35	33	5	-	-	2	2	35	-	-	—	0	74	b	24·2	+06	28	26	-	-	-	0	-	-	-	-	5	bcbbx	bbcx	25	17	-
Wick	119	270	08	80	b	22·3	+18	33	30	5	-	-	1	1	35	-	-	260	05	80	b	22·9	+01	37	32	-	-	-	0	-	-	-	-	6	b	bc	30	26	-
Lerwick ...	269	260	05	82	c	19·6	+18	35	34	5	-	2	6	2	29	-	-	230	13	81	c	20·4	+01	40	37	5	-	2	8	6	27	-	-	5	ccw	c	34	-26	TR
Blacksod Point	18	—	0	70	bc	24·3	+07	43	38	8	-	-	4	4	50	3	25	190	05	70	b	23·9	-07	43	36	-	-	-	0	-	-	-	-		bc	b	39	35	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																				33		0·1
Aldergrove ...	220	-	0	66	b	23·6	+19	31	30	-	-	-	0	-	-	-	-	340	05	66	b	26·2	+16	29	28	-	-	-	0	-	-	*	*	3	bbx	bxcmox	28	22	-
Castle Archdale	225	—	0	81	b	24·7	+19	33	31	5	-	-	1	1	25	-	-	120	05	66	b	25·5	+01	29	29	-	-	-	0	-	-	-	-	1	b	bx	28	24	-
Birr Castle ...	231	—	0	82	b	24·5	+24	32	31	-	-	-	0	-	-	-	-	200	03	80	b	26·4	+02	30	29	-	-	-	0	-	-	-	-	3	b	b	26	21	TR
Collinstown ...	226	360	06	66	b	23·9	+24	37	34	-	-	-	0	-	-	-	-	270	05	66	b	25·9	+08	32	31	-	-	-	0	-	-	-	-	1	bc	b	28	26	TR
Rineanna ...	10	350	03	80	b	25·1	+27	35	33	5	-	-	2	2	30	-	-	110	05	74	b	26·3	-02	32	31	-	-	-	0	-	-	-	-	3	b	b	26	21	TR
Valentia ...	30	060	07	78	b	24·7	+09	40	33	-	-	-	0	-	-	-	-	130	04	81	b	26·9	+06	33	30	5	-	-	1	1	48	-	-	1	b	b	32	27	TR
Midleton ...	30	340	08	74	b	24·0	+28	40	35	5	-	-	1	1	25	-	-	—	0	74	b	26·8	+08	31	30	-	-	-	0	-	-	-	-	3	b	b	27	19	TR

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
CIRRUS	45°0′	16°6′	1026	+08	-	o	bc	d	54	55	54	65	5	-	-	4	4	6½
POLAR FRONT	66°6′	02°18′E	1002	+22	260	35	c	p	34	39	28	98	9	6	-	4	6	14
MERMOZ	52°42′	20°6′	1016	-15	180	36	c	c	52	52	48	60	5	-	-	8	8	8
WEATHER OBSERVER	58°54′	18°12′	1009	-29	190	36	id.	d	47	48	40	97	5	-	-	8	8	11
LEVERRIER	47°54′	06°12′	1016	+22	360	30	c	c	54	54	50	96	5	-	5	4	7	8
U.S. SHIP "D"	44°0′	41°0′	997	+68	250	40	c	c	52	57	46	61	5	-	-	8	8	25½
WEATHER RECORDER	55°42′	08°36′	1023	+15	310	08	bc	b	46	50	35	98	5	-	-	4	4	8
U.S. SHIP "C"	52°48′	35°30′	982	-29	160	27	b	r	51	46	47	65	5	-	-	2	:	9½
WEATHER WATCHER	62°6′	32°6′	992	-39	070	06	is	s	33	41	27	96	5	-	-	8	8	3
RAMORE HEAD	53°24′	27°48′	998	-25	210	30	c	c	53	50	53	97	5	-	-	6	8	-

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52°30′	20°12′	1014	-06	180	36	c	c	52	51	50	60	5	-	-	8	8	8
WEATHER OBSERVER	58°30′	17°48′	998	-31	200	42	ifo	r	50	48	48	97	5	-	-	8	8	16
CIRRUS	45°0′	16°0′	1026	+05	-	o	c	c	55	55	52	50	5	-	-	8	8	1½
POLAR FRONT	66°6′	02°36′E	1004	+05	270	38	bc	p	34	39	28	99	9	-	-	3	3	16
U.S. SHIP "C"	52°48′	35°30′	982	+59	200	33	b	d	49	46	41	63	5	-	-	2	2	5½
U.S. SHIP "D"	44°0′	41°0′	1005	+42	250	32	c	c	50	58	42	61	5	-	-	6	6	19
WEATHER WATCHER	62°12′	32°12′	983	-45	010	30	is	s	32	41	32	96	-	2	-	8	8	6½
WEATHER RECORDER	56°18′	10°6′	1019	-31	220	20	bc	bc	46	51	41	98	5	-	-	4	4	8
LEVERRIER	47°30′	04°54′	1017	+01	210	28	c	c	54	54	46	96	5	-	-	7	7	8
MAIHAR	44°36′	08°24′	1021	00	350	18	o	c	54	55	48	98	6	-	-	8	8	6½

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* Information not usually received.

† Code figure (see Introduction)

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

No.... ~~33030~~ 34031 ..... *Date of Issue* Monday 24th January 1955

OBSERVATIONS at 12h. G.M.T. 23rd January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. mb (6)	Temp. °F Dry Bulb (7)	Temp. °F Dew point (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	360	13	20	c/d	26·3	+21	41	39	6	–	–	8	8	25	–	–
London Airport	020	08	23	a	261	+15	41	39	6	–	–	8	8	05	–	–
Tangmere ...	030	15	20	c	24·8	+18	42	39	6	–	–	7	7	08	4	06
Bournemouth (Hurn	040	13	56	0	25·7	+17	45	41	6	–	–	8	8	10	–	–
Boscombe Down	050	11	57	bc	26·1	+15	43	41	6	–	–	7	6	05	[illegible]	[illegible]
Felixstowe ...	040	07	48	0	24·6	+10	39	34	6	–	–	8	8	08	–	–
Gorleston ...	010	12	58	0	26·0	+23	39	35	6	–	–	8	8	10	–	–
West Raynham	030	07	32	0	26·1	+19	37	36	6	–	–	8	8	04	–	–
Mildenhall ...	050	09	19	0	26·3	+25	39	39	6	–	–	8	8	04	–	–
Cranfield ...	020	06	01	c/d	26·8	+21	40	40	–	–	–	9	9	00	–	–
Elmdon ...	360	06	23	c	27·9	+19	41	39	6	–	–	8	8	08	–	–
Cottesmore ...	360	06	02	f	27·7	+13	38	38	–	–	–	9	–	–	–	–
Watnall ...	340	07	10	0	27·2	+13	40	39	6	–	–	8	8	07	–	–
Ross-on-Wye ...	060	01	57	0	27·5	+15	42	38	6	–	–	8	8	10	–	–
Shawbury ...	360	03	56	c	27·8	+05	41	36	5	–	–	7	7	35	–	–
Bristol	010	11	48	c	26·9	+14	43	39	5	–	–	8	8	20	–	–
Plymouth ...	090	14	64	b	25·8	+14	48	41	5	–	–	1	1	35	–	–
Chivenor ...	040	01	59	c	27·0	+10	47	42	5	–	–	6	6	24	–	–
St. Eval... ...	020	10	58	b	26·4	+12	46	43	–	–	–	0	–	–	–	–
Culdrose ...	060	12	62	b	26·7	+16	47	43	1	–	–	1	1	18	–	–
Scilly, St. Mary's	030	13	61	c	26·1	+14	47	42	5	–	–	7	7	10	–	–
Guernsey ...	020	18	67	c	25·0	+30	45	43	6	7	–	8	5	16	3	06
Aberporth ...	150	04	66	b	27·1	+00	46	39	–	–	5	1	–	–	1	80
Pembroke Dock	060	02	62	b	27·5	+03	44	39	–	–	1	1	–	–	–	–
Holyhead (Valley)	140	01	82	bc	27·0	+03	43	36	–	–	2	3	–	–	3	75
Manchester ...	050	02	17	c	27·4	+05	42	36	5	–	–	7	7	35	–	–
Squires Gate ...	130	03	21	b	27·2	+04	44	37	–	–	1	1	–	–	1	15
Silloth	–	0	63	b	28·5	+15	34	31	5	–	9	2	1	35	–	–
Lindholme ...	310	08	23	c	27·1	+11	39	36	5	–	–	7	7	20	–	–
Spurn Head ...	–	0	12	0	26·9	+21	41	41	6	–	–	8	8	05	–	–
Dishforth ...	330	07	63	b	27·6	+06	42	37	5	–	–	1	1	30	–	–
Tynemouth ...	230	05	04	bc/f	26·9	+05	40	34	–	3	–	3	3	56	–	–
Leuchars ...	270	07	74	c	25·0	-03	36	29	–	–	1	7	–	–	7	75
Eskdalemuir ...	–	0	66	b	27·1	+00	35	23	–	4	–	1	–	–	1	64
Prestwick ...	100	03	74	c	26·3	-01	37	33	–	4	6	6	–	–	1	62
West Freugh ...	110	09	82	c	26·5	+00	39	35	–	4	6	7	–	–	1	67
Ronaldsway ...	090	05	86	c	27·3	+06	42	37	–	–	1	6	–	–	6	75
Tiree	180	22	79	c	22·1	-10	43	37	5	5	6	8	2	20	–	–
Benbecula ...	190	22	82	c	18·5	-17	43	38	5	–	–	8	8	35	–	–
Stornoway ...	180	25	87	c	17·4	-25	43	38	5	–	–	8	8	40	–	–
Cape Wrath ...	230	24	82	c	14·7	-39	40	29	5	7	–	7	4	25	–	–
Sule Skerry ...	230	19	82	c	17·8	-21	43	36	5	–	–	8	8	15	–	–
Renfrew ...	–	0	04	bf	26·5	+03	30	28	–	–	1	1	–	–	1	70
Dyce	170	11	74	c	23·1	-17	40	29	–	4	6	7	–	–	7	75
Wick	160	12	82	c	19·4	-22	39	33	–	3	8	6	–	–	3	62
Lerwick ...	210	15	81	c	18·2	-21	40	35	5	7	–	8	7	30	–	–
Blacksod Point	180	21	68	c	23·1	-06	46	42	7	–	2	8	3	25	–	–
Malin Head ...	150	19	79	bc	23·0	-15	46	32	–	3	–	5	–	–	5	82
Aldergrove ...	160	07	58	c	26·0	-05	38	35	–	4	1	7	–	–	3	59
Castle Archdale	150	09	81	c	25·3	-03	35	33	6	7	7	8	L	15	–	–
Birr Castle ...	170	04	74	c	27·3	-01	37	35	–	3	6	7	–	–	2	60
Collinstown ...	260	02	58	jf	27·6	-01	40	35	–	–	1	4	–	–	1	75
Rineanna ...	120	05	66	c	27·4	+06	38	35	–	3	8	7	–	–	5	62
Valentia ...	170	11	66	c	27·1	+02	48	41	1	–	2	7	2	25	–	–
Midleton ...	–	0	74	c	28·3	+05	42	38	–	3	8	7	–	–	1	64

OBSERVATIONS at 18h. G.M.T. 23rd January 1955

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. mb (22)	Temp. °F Dry Bulb (23)	Temp. °F Dew point (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	050	11	20	0	27·8	+14	40	37	6	–	–	8	8	10	–	–	1
London Airport	360	04	22	0	27·7	+12	39	39	6	–	–	8	8	06	–	–	1
Tangmere ...	040	03	17	0	27·2	+16	41	39	6	–	–	8	8	06	–	–	1
Bournemouth (Hurn	030	06	56	0	27·4	+14	44	39	5	–	–	8	8	12	–	–	1
Boscombe Down	050	02	50	c	27·4	+08	42	40	6	–	–	7	7	20	4	06	1
Felixstowe ...	040	08	56	0	27·4	+24	37	33	6	–	–	8	8	14	–	–	0
Gorleston ...	350	06	58	0	27·2	+10	37	32	6	–	–	8	8	10	–	–	1
West Raynham	030	02	37	0	27·3	+10	37	36	6	–	–	8	8	06	–	–	1
Mildenhall ...	060	05	58	0	27·5	+09	38	37	6	–	–	8	8	05	–	–	1
Cranfield ...	050	04	02	f+	28·2	+15	37	37	–	–	–	9	8	00	–	–	1
Elmdon ...	–	0	16	0	28·0	+12	40	39	6	–	–	8	8	14	–	–	1
Cottesmore ...	–	0	02	f–	24·8	+08	38	38	–	–	–	9	–	–	–	–	2
Watnall ...	210	04	04	0f	27·4	+07	40	39	6	–	–	8	8	10	–	–	1
Ross-on-Wye ...	140	02	16	c	27·9	+08	42	37	5	–	–	8	8	20	–	–	1
Shawbury ...	–	0	56	b~~x~~	27·9	+06	34	32	–	3	–	2	–	–	2	64	1
Bristol	–	0	20	c	28·0	+08	42	39	5	–	–	8	8	25	–	–	1
Plymouth ...	–	0	26	c	28·2	+17	44	41	5	–	–	7	7	20	–	–	1
Chivenor ...	–	0	63	b	28·2	+14	43	38	–	–	2	2	–	–	2	70	1
St. Eval... ...	–	0	48	c	27·6	+12	45	44	5	–	–	7	7	16	–	–	1
Culdrose ...	–	0	62	c	28·7	+14	45	42	5	–	–	8	8	20	–	–	1
Scilly, St. Mary's	090	04	58	c	27·2	+10	47	43	5	–	–	8	8	10	–	–	1
Guernsey ...	010	10	40	c	27·4	+18	48	38	5	–	–	8	8	13	–	–	2
Aberporth ...	200	06	62	c	27·5	+08	40	37	–	3	8	6	–	–	1	60	1
Pembroke Dock	–	0	6	b	28·0	+04	40	39	–	4	9	2	–	–	1	60	1
Holyhead (Valley)	210	05	74	c	26·5	-04	41	38	–	3	8	6	–	–	2	60	1
Manchester ...	200	06	14	c	27·5	+04	36	35	–	3	8	7	–	–	3	59	2
Squires Gate ...	–	0	14	c	24·7	+04	33	31	–	3	2	7	–	–	3	60	1
Silloth	200	06	48	bc	25·7	-08	35	32	5	7	1	3	2	35	–	–	5
Lindholme ...	180	07	10	b	26·9	+02	37	34	5	–	–	2	2	20	–	–	1
Spurn Head ...	–	0	08	0f+	26·9	+02	40	40	6	–	–	8	8	05	–	–	0
Dishforth ...	170	06	32	b	26·2	-05	37	35	–	4	–	2	–	–	2	60	3
Tynemouth ...	230	03	12	c	25·4	-04	39	34	5	–	–	6	6	36	–	–	1
Leuchars ...	240	06	20	c	21·9	-15	36	31	–	4	7	8	–	–	4	59	5
Eskdalemuir ...	–	0	66	c	25·4	-07	33	32	–	9	–	7	–	–	7	59	5
Prestwick ...	170	11	58	c	23·5	-16	41	36	–	3	8	7	–	–	3	58	1
West Freugh ...	170	05	66	c	24·5	-08	42	37	5	7	6	7	1	30	–	–	1
Ronaldsway ...	210	07	80	c	26·1	-06	41	38	6	7	7	8	1	15	–	–	1
Tiree	190	21	62	c	18·5	-15	44	39	5	2	–	8	6	16	–	–	1
Benbecula ...	190	25	59	a/d	13·5	-30	45	43	6	–	–	8	8	08	–	–	1
Stornoway ...	200	32	63	o/r	12·4	-29	43	42	6	–	–	8	8	18	4	14	5
Cape Wrath ...	230	30	82	c	08·0	-36	42	37	5	7	–	7	4	25	–	–	5
Sule Skerry ...	230	36	80	d/d	11·3	-24	43	43	6	–	–	8	8	10	–	–	0
Renfrew ...	240	08	40	c	23·2	-17	39	36	5	7	7	7	1	22	–	–	3
Dyce	210	10	74	c	18·4	-22	38	31	5	–	–	7	7	56	–	–	5
Wick	200	23	82	c	13·0	-29	40	33	5	7	–	8	4	25	–	–	6
Lerwick ...	210	23	63	id	10·4	-42	39	38	7	2	–	8	8	27	4	06	5
Blacksod Point																	
Malin Head ...	180	19	40	c	20·2	-07	42	36	5	–	–	7	7	21	–	–	
Aldergrove ...	190	14	58	c	24·1	-04	38	36	–	7	2	7	–	–	7	58	1
Castle Archdale	170	07	81	c	23·3	-05	42	38	5	7	–	8	1	18	–	–	1
Birr Castle ...	180	07	72	c	25·3	-09	40	35	5	7	–	8	3	45	–	–	
Collinstown ...	300	02	16	c/f	25·9	-09	41	35	–	3	2	7	–	–	4	61	
Rineanna ...	170	11	64	c	25·4	-10	42	40	5	3	8	7	1	45	–	–	
Valentia ...	160	13	74	c	26·1	-09	45	40	6	–	2	8	8	19	–	–	
Midleton ...	210	03	74	0	27·3	-11	44	41	6	–	–	8	8	18	–	–	

OBSERVATIONS during DAY

Stations	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cm.id.mom	om.m.id.m.	41	0·0	Tr
London Airport	om.	om.d.	42	*	Tr
Tangmere ...	cm.m	cm	43	0·0	–
Bournemouth (Hurn	cm.	cm.	46	*	–
Boscombe Down	cm.	cm.	44	0·5	–
Felixstowe ...	cm.	cm.	39	0·0	–
Gorleston ...	om.	om.	39	0·0	–
West Raynham	ofc m. mm.	cid.m.	38	0·0	Tr
Mildenhall ...	omm.	om.wd.	39	0·0	Tr
Cranfield ...	od.d.f	ofe	40	0·0	0·3
Elmdon ...	cm.	cm.ofom	42	0·0	–
Cottesmore ...	fef	fFom.	39	0·0	–
Watnall ...	cm	cm.offcm	41	0·0	–
Ross-on-Wye ...	om.	om.omc	43	0·0	–
Shawbury ...	cbc m. ~~fbc~~ ~~bm~~ bc2.cbbx~~c~~		44	1·8	–
Bristol	c	cmc	43	0·0	–
Plymouth ...	bm.b	bm.cm.	51	6·6	–
Chivenor ...	cm.b	bbcmow	52	4·9	–
St. Eval... ...	bcm.bm.	bm.cm.	48	6·5	–
Culdrose ...	bbc	bcco	49	6·7	–
Scilly, St. Mary's	c	co	49	2·1	–
Guernsey ...	c	c	46	0·0	–
Aberporth ...	bbzobc	bcbcw	47	6·7	–
Pembroke Dock	bbc	cbm.ow	50	6·7	–
Holyhead (Valley)	bxbcc	bcc	45	6·9	–
Manchester ...	cc2bbc2	bc2cmbcm	47	3·5	–
Squires Gate ...	bm.xb2.bm.	bm.cmbf	44	5·3	–
Silloth	bxb c	cm.bc m.cm.	39	4·6	–
Lindholme ...	cm.	bm.moFf	42	0·1	–
Spurn Head ...	om	omoFf	42	3·0	–
Dishforth ...	cb	bcbm.	45	5·7	–
Tynemouth ...	bcm.bctf	bctfcmbcm	43	3·3	–
Leuchars ...	cm.	cm.	38	3·8	–
Eskdalemuir ...	bbcc	c	39	5·2	–
Prestwick ...	cxc	c	43	2·7	–
West Freugh ...	bc~~x~~c	c~~b~~	44	3·3	–
Ronaldsway ...	cx c	c	45	6·0	–
Tiree	c	c	47	0·0	–
Benbecula ...	c	oidom.	46	0·0	Tr
Stornoway ...	c	cirod.d.	46	0·0	0·2
Cape Wrath ...	c	c	43	*	–
Sule Skerry ...			46	*	Tr
Renfrew ...	bffx	cffcm.	42	0·0	–
Dyce	c	circ	42	1·9	Tr
Wick	cir.	c	41	0·0	Tr
Lerwick ...	c	cir.ccir.	43	0·0	1
Blacksod Point	c		48		
Malin Head ...	bc	c	45	0·0	–
Aldergrove ...	cm.	cm.	42	1·7	–
Castle Archdale	c	c	43	1·1	–
Birr Castle ...	c	c	43	2·3	Tr
Collinstown ...	bc	f	46	5·6	Tr
Rineanna ...	c	c	43	1·7	Tr
Valentia ...	c	c	48	1·3	Tr
Midleton ...	bc	c	47	4·4	TR

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52°24′	20°6′	1014	+06	210	24	c	c	55	52	50	82	5	–	–	8	8	8
WEATHER OBSERVER	58°18′	17°30′	997	-03	200	28	id	d	51	49	49	82	6	–	–	8	8	16
POLAR FRONT	66°0′	02°42′E	1009	+32	280	24	c	c	36	46	19	72	8	6	6	3	7	14
CIRRUS	45°0′	15°54′	1029	+15	150	03	c	c	55	56	50	71	5	–	–	7	7	6½
WEATHER WATCHER	62°0′	32°18′	980	-03	010	36	c	s	35	41	30	80	6	–	–	8	8	13
US SHIP 'C'	52°48′	35°30′	975	-44	200	50	pr	c	45	46	40	72	2	7	–	2	7	22½
US SHIP 'D'	44°0′	41°0′	1011	+34	270	17	b	f	50	57	44	72	5	–	–	7	7	16
WEATHER RECORDER	56°48′	11°30′	1012	-28	240	28	r	r	49	52	42	82	6	–	–	8	8	17½
AUSTRALIND	44°30′	13°36′	1029	+25	360	10	c	bc	55	61	44	83	5	–	–	8	8	3
PACIFIC UNITY	41°0′	23°18′	1029	+08	240	16	c	c	61	59	54	82	4	–	–	8	8	6½

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER OBSERVER	58°12′	16°54′	996	-05	200	27	c/d	d	50	48	50	95	6	–	–	8	8	21
MERMOZ	52°24′	20°6′	1009	-23	210	36	r	r	54	53	50	40	7	–	–	7	8	11
CIRRUS	45°0′	15°54′	1027	+03	170	04	c/a	c	55	56	54	65	5	7	–	6	8	5
POLAR FRONT	66°0′	02°0′E	1002	-6′	140	23	r	c	36	41	36	96	7	2	–	3	8	8
WEATHER WATCHER	61°54′	32°36′	977	-13	360	34	r	s	30	40	30	94	–	2	–	8	8	11
US SHIP 'C'	52°48′	35°30′	979	+9′	250	62	c	p	44	46	41	09	5	–	–	8	8	30½
US SHIP 'D'	44°0′	41°0′	1008	-37	200	28	c	c	56	57	48	65	2	–	–	6	6	16
WEATHER RECORDER	51°0′	12°54′	1005	-28	220	28	c	r	51	50	51	96	6	–	–	8	8	17½
AUSTRALIND	45°12′	12°18′	1028	+07	010	08	c	c	53	59	44	98	8	–	–	8	8	3
TETELA	48°24′	19°48′	1026	+10	210	22	bc	b	57	55	53	99	–	–	5	0	3	3

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100s of feet; 56-80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Sunday 23rd January

1955

Clarke'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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ◑ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◍ Sky 6/8 covered ◍ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog ═ Mist

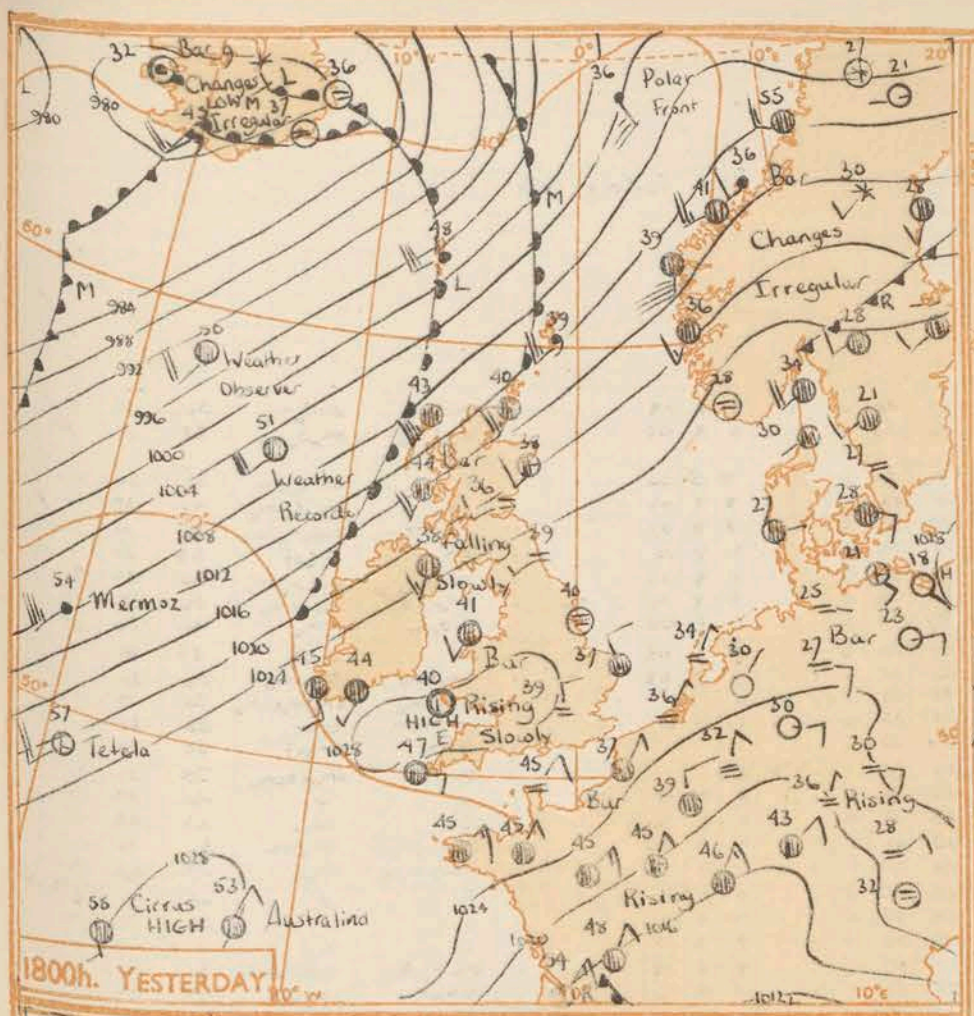
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.


1800h. YESTERDAY
Bar
Changes
Irregular
Polar Front
Weather Observer
Weather Recorder
Falling
Slowly
Rising
Slowly
Mermoz
Tetela
HIGH
Cirrus
HIGH
Australind
Bar
Rising
Slowly
Falling
Slowly
Rising
Bar
Changes
Irregular
Bar
Falling
Slowly
Rising
Slowly
Bar
Rising
Slowly

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 24th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: † Low	† Medium	† High	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	† Ht.	Cloud: Lowest layer: Amt. 0–8	† Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	37	*	*	*	*	*	*	*	*	*
London Airport	82	–	0	26	$d_o d_o$	28·6	+02	37	36	6	-	-	8	8	02	-	-
Tangmere ...	53	010	05	14	0	28·8	+08	40	37	6	-	-	8	8	06	-	-
Bournemouth (Hurn	34	–	0	58	0	28·6	+06	41	39	6	-	-	8	8	09	-	-
Boscombe Down	414	–	0	40	id_o	28·3	+04	39	38	6	-	-	8	8	04	-	-
Felixstowe ...	10	340	01	56	0	28·5	-02	36	34	6	-	-	8	8	09	-	-
Gorleston ...	5	270	02	60	0	28·8	+02	36	33	6	-	-	8	8	12	-	-
West Raynham	250	–	0	03	$d_o d_o$	27·8	-02	36	36	-	-	-	9	-	-	-	-
Mildenhall ...	15	180	05	26	o/d	28·2	-02	37	36	6	-	-	8	8	04	-	-
Cranfield ...	340	210	03	02	f–	28·3	-03	37	37	.	.	.	3	-	-	-	-
Elmdon ...	324	210	07	32	bc	27·3	-07	37	35	6	-	-	3	3	15	-	-
Cottesmore ...	440	220	06	57	0	28·5	-03	37	36	6	-	-	8	8	10	-	-
Watnall ...	366	240	02	19	b	27·3	-03	36	35	5	-	-	1	1	20	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	200	04	48	b	27·5	-02	29	23	-	3	-	1	-	-	1	60
Bristol	192	–	0	56	0	28·5	-02	41	37	6	-	-	8	8	11	-	-
Plymouth ...	90	–	0	38	c	28·9	+04	44	42	5	-	-	8	8	17	-	-
Chivenor ...	20	090	01	19	c	28·8	+02	38	35	5	-	-	8	8	16	-	-
St. Eval... ...	336	220	03	48	c	28·8	+04	44	41	5	-	-	7	7	15	-	-
Culdrose ...	260	170	03	62	c	29·2	+06	45	41	5	-	-	8	8	12	-	-
Scilly, St. Mary's	158	200	05	61	c	28·1	+06	46	42	5	-	-	8	8	10	-	-
Guernsey ...	340	020	10	40	c	28·5	+05	43	38	5	-	-	8	8	18	-	-
Aberporth ...	375	190	10	48	c	27·4	+01	38	36	-	-	8	7	-	-	7	72
Pembroke Dock	34	130	01	48	b	28·2	+02	40	40	-	-	1	2	-	-	2	70
Holyhead (Valley)	32	180	12	66	c	25·6	-04	42	40	-	7	7	8	-	-	3	60
Manchester ...	248	170	10	19	b	27·0	-01	36	33	-	-	2	2	-	-	2	70
Squires Gate ...	33	–	0	06	bf	26·1	00	30	29	-	-	-	0	-	-	-	-
Silloth	25	190	14	58	c	28·6	-12	41	39	6	7	-	8	8	35	-	-
Lindholme ...	21	180	05	06	bf	26·4	-05	33	33	-	-	-	0	-	-	-	-
Spurn Head ...	29	220	05	48	b	26·7	+03	39	39	.	.	.	0	-	-	-	-
Dishforth ...	105	130	06	07	bf	25·0	-07	35	33	-	-	-	0	-	-	-	-
Tynemouth ...	108	270	06	48	b	23·6	-06	37	32	-	-	-	0	-	-	-	-
Leuchars ...	36	–	0	56	c	19·8	-06	40	35	5	-	-	8	8	30	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	190	10	66	c	21·1	-13	45	40	5	-	-	7	3	25	-	-
West Freugh ...	50	190	07	62	c	22·4	-14	44	40	5	-	-	8	8	24	-	-
Ronaldsway ...	55	230	14	74	c	24·6	-08	44	41	6	7	-	8	3	13	-	-
Tiree	29	200	21	58	0	15·9	-11	47	45	6	-	-	8	8	07	-	-
Benbecula ...	18	190	26	19	0	10·9	-17	46	46	6	-	-	8	8	02	-	-
Stornoway ...	10	190	23	58	$d_o d_o$	10·0	-15	48	47	6	-	-	8	8	12	-	-
Cape Wrath ...	367	230	37	82	id_o	05·6	-21	45	45	5	-	-	8	8	20	-	-
Sule Skerry ...	43	250	30	80	c	07·7	-10	46	45	5	-	-	8	8	10	-	-
Renfrew ...	28	230	03	66	c	20·7	-02	43	36	5	7	-	8	5	40	-	-
Dyce	185	220	24	84	c	14·9	-18	42	37	5	7	-	8	2	36	-	-
Wick	119	220	12	80	c	10·6	-13	43	39	5	3	8	7	3	19	-	-
Lerwick ...	269	230	32	56	rr	05·9	-22	43	43	6	-	-	8	8	04	-	-
Blacksod Point	18	180	33	51	$d_o d_o$	18·3	-15	48	46	7	3	–	8	8	09	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	170	14	81	c	22·1	-10	40	37	5	7	2	7	7	50	3	15
Castle Archdale	225	170	09	68	c	21·3	-11	43	40	5	-	-	8	8	18	-	-
Birr Castle ...	231	170	11	74	c	24·0	-08	40	37	5	-	-	8	8	35	-	-
Collinstown ...	226	210	03	69	c	24·6	-07	37	32	5	3	2	7	3	42	-	-
Rineanna ...	10	150	12	69	c	24·5	-05	43	39	5	-	-	8	8	36	-	-
Valentia ...	30	150	19	66	id_o	25·0	-05	46	43	6	-	-	8	8	12	-	-
Midleton ...	30	210	07	81	0	27·0	-01	45	41	6	-	-	8	8	15	-	-

OBSERVATIONS at 06h. G.M.T. 24th January, 1955

Stations	Wind: Direction (degrees)	Wind: Speed (kts.)	† Visibility	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: † Low	† Medium	† High	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	† Ht.	Cloud: Lowest layer: Amt. 0–8	† Ht.	09h. † State of ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	240	05	20	id_o	27·8	-06	37	36	6	-	-	8	8	04	-	-	1
London Airport	240	05	29	o/d	27·7	-07	36	36	6	-	-	8	8	02	-	-	1
Tangmere ...	270	01	17	c	28·0	-02	37	35	6	-	-	8	8	04	-	-	1
Bournemouth (Hurn	270	04	48	0	28·0	-04	41	38	6	-	-	8	8	08	-	-	1
Boscombe Down	280	02	50	0	27·8	-06	39	37	6	-	-	8	8	07	-	-	1
Felixstowe ...	260	07	48	c	27·6	-01	34	33	6	-	-	8	8	10	-	-	1
Gorleston ...	220	06	24	id_o	27·3	-03	34	33	7	-	-	8	8	12	-	-	1
West Raynham	220	10	32	0	26·0	-09	36	36	6	-	-	8	8	10	2	06	1
Mildenhall ...	250	07	37	c	26·5	-02	37	37	6	-	-	8	8	05	-	-	1
Cranfield ...	230	12	11	o/f	26·7	-08	37	36	6	-	-	8	8	05	-	-	1
Elmdon ...	200	08	32	c	26·1	-09	36	35	6	-	-	7	7	08	-	-	1
Cottesmore ...	220	08	48	b	26·6	-09	35	34	-	-	-	0	-	-	-	-	1
Watnall ...	260	09	32	c	25·2	-12	34	33	6	-	7	6	3	09	-	-	1
Ross-on-Wye ...	340	02	48	b	26·4	-10	34	32	-	-	-	0	-	-	-	-	1
Shawbury ...	210	12	36	bc	25·4	-06	37	33	-	-	8	#5	-	-	5	75	2
Bristol	230	03	63	0	27·0	-08	42	38	6	-	-	8	8	12	-	-	1
Plymouth ...	310	04	30	c	27·8	-07	45	41	5	-	-	8	8	14	-	-	1
Chivenor ...	-	0	48	c	27·6	-07	43	41	5	-	-	8	8	15	-	-	1
St. Eval... ...	180	02	48	c	27·8	-07	44	42	5	-	-	7	7	18	-	-	1
Culdrose ...	230	01	62	c	28·4	-09	45	42	6	-	-	8	8	18	4	12	1
Scilly, St. Mary's	220	05	61	c	27·2	-05	45	43	5	-	-	8	8	10	-	-	1
Guernsey ...	020	06	40	c	28·5	00	42	38	5	-	-	8	8	13	-	-	2
Aberporth ...	120	08	58	0	25·8	-10	42	39	6	-	-	8	8	12	-	-	1
Pembroke Dock	220	05	58	c	26·5	-11	45	42	5	-	-	8	8	20	-	-	1
Holyhead (Valley)	180	16	61	0	23·5	-10	43	41	6	-	-	8	8	12	-	-	1
Manchester ...	180	10	50	c	24·3	-13	35	33	-	-	7	8	-	-	8	70	3
Squires Gate ...	120	04	08	bf	23·9	-09	30	30	-	-	-	0	-	-	-	-	1
Silloth	210	15	56	c	21·4	-11	43	40	5	-	-	8	8	50	-	-	5
Lindholme ...	180	07	14	bc	24·4	-09	33	33	-	3	-	4	-	-	4	65	3
Spurn Head ...	200	09	24	b	24·0	-14	35	35	-	-	-	0	-	-	-	-	0
Dishforth ...	100	05	11	b	22·9	-08	33	32	-	-	-	0	-	-	-	-	2
Tynemouth ...	250	08	61	c	20·8	-12	43	35	-	7	-	7	7	56	-	-	1
Leuchars ...	240	16	56	c	15·9	-18	43	39	5	-	-	8	8	18	-	-	5
Eskdalemuir ...	160	04	19	0	20·8	-15	38	38	6	-	-	8	8	09	-	-	5
Prestwick ...	190	11	74	clr	18·2	-18	47	42	5	-	-	8	8	56	1	17	1
West Freugh ...	210	13	62	c	20·2	-11	44	40	5	-	-	8	8	18	-	-	1
Ronaldsway ...	230	13	62	c	22·4	-12	45	41	6	-	-	8	8	56	5	10	1
Tiree	200	21	40	r_o	11·9	-25	47	45	6	-	-	8	7	05	-	-	1
Benbecula ...	200	27	56	id_o	06·6	-26	47	46	6	-	-	8	8	04	-	-	1
Stornoway ...	200	30	60	ir_o	05·2	-25	48	47	5	2	-	8	7	12	-	-	5
Cape Wrath ...	230	37	81	0	01·3	-28	47	43	6	-	-	8	8	15	-	-	5
Sule Skerry ...	230	36	80	0	03·7	-28	48	44	6	-	-	8	8	10	-	-	1
Renfrew ...	220	20	63	clr	17·4	-22	44	40	5	-	-	8	8	56	3	22	1
Dyce	190	13	74	c	12·5	-14	40	38	-	1	-	8	-	-	8	59	5
Wick	150	12	80	c	07·4	-14	43	41	-	7	-	8	-	-	8	59	5
Lerwick ...	230	34	58	0	01·9	-20	46	46	7	-	-	8	8	07	-	-	5
Blacksod Point	180	30	57	$d_o d_o$	15·5	-15	50	50	7	3	-	8	8	09	-	-	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	200	17	58	0	19·2	-18	43	39	6	-	-	8	8	12	-	-	1
Castle Archdale	210	20	81	bc	16·7	-25	46	33	5	-	-	3	3	18	-	-	1
Birr Castle ...	190	08	74	c	21·5	-10	45	41	6	2	-	8	6	40	4	21	1
Collinstown ...	230	14	74	c	21·7	-13	44	35	5	-	-	8	8	50	-	-	0
Rineanna ...	160	18	74	0	21·8	-16	46	43	6	-	-	8	8	14	-	-	1
Valentia ...	170	16	58	id_o	22·8	-11	50	49	6	-	-	8	8	02	-	-	1
Midleton ...	200	06	66	0	24·7	-12	46	43	6	-	-	8	8	11	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h.–03h. (30)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	$oid_o m_o$	$acid_o m_o$	36	35	Tr
London Airport	$od_o d_o m_o f$	$m_o d_o r_o$	35	35	Tr
Tangmere ...	$cm_o m$	$m id_o cm$	37	36	0·1
Bournemouth (Hurn	cm_o	$cm_o id_o m_o$	40	39	Tr
Boscombe Down	$cm_o c id_o m_o$	$cid_o m_o cm_o$	38	37	Tr
Felixstowe ...	cm_o	$cm_o of$	33	31	.
Gorleston ...	$m_o id_o m_o$	$oid_o m_o o m_o$	34	33	Tr
West Raynham	$cd_o d_o$ off	off cm_o	36	35	Tr
Mildenhall ...	$cid_o m_o$	cm_o	36	36	0·1
Cranfield ...	od	ofm_o	37	35	Tr
Elmdon ...	$cm_o bm_o$	$bm_o cm_o$	36	30	.
Cottesmore ...	$m_o cm_o$	$bm_o bm_o bm_o cm_o$	34	29	.
Watnall ...	$m_o bm_o cm$	$cm_o of$	33	30	.
Ross-on-Wye ...	$cb bm_o$	$bm_o xf$	30	20	.
Shawbury ...	$bm_o FFx$	$cm_o x bcm_o$	25	23	Tr
Bristol	c	c	40	39	.
Plymouth ...	cm_o	cm_o	43	42	.
Chivenor ...	$bm_o wcm_o w$	$cm_o wc$	36	31	.
St. Eval... ...	$cbcbm_o w$	$cm_o c$	43	40	Tr
Culdrose ...	o	o	43	37	.
Scilly, St. Mary's	o	o	45	*	.
Guernsey ...	c	c	41	40	.
Aberporth ...	$bcc m_o wbw$	$bwcm_o wc$	37	32	.
Pembroke Dock	$bm_o w$	$cm_o wc$	37	28	.
Holyhead (Valley)	c	c	41	35	.
Manchester ...	bcmcz	cz	35	32	Tr
Squires Gate ...	bfx	bfx cfcm	29	25	.
Silloth	cm_o	$cm_o cid_o m_o$	38	35	Tr
Lindholme ...	off bff bm	$bm bcm cf$	31	28	-
Spurn Head ...	Fbm	bm_o	34	*	.
Dishforth ...	$bm_o bf$	$bm_o cm_o$	32	29	.
Tynemouth ...	$bmbcm_o$	$bcm_o cm_o cm$	36	29	.
Leuchars ...	cm_o	cm_o	39	25	.
Eskdalemuir ...	c	~~cbfg~~ $om_o cir mof$	35	32	0·4
Prestwick ...	c	$cir_o c$	43	40	0·1
West Freugh ...	c	c	43	42	-
Ronaldsway ...	c	c	43	35	.
Tiree	om_o	$cir_o od d_o m_o$	46	43	Tr
Benbecula ...	$oid_o om_o$	$oir id_o m_o bc$	44	43	2
Stornoway ...	$cd_o d_o$	$cr_o r_o c$	43	42	4
Cape Wrath ...	cpr	cpr	41	39	1
Sule Skerry ...	*	*	41	38	1
Renfrew ...	c	cir_o	41	37	0·4
Dyce	c	c	39	34	-
Wick	c	c	40	35	-
Lerwick ...	$cir_o rr$	crredd	40	26	7
Blacksod Point			46	45	
Malin Head ...	*	*	43		-
Aldergrove ...	$cm_o c$	$cm_o c$	39	39	.
Castle Archdale	c	c	40	39	.
Birr Castle ...	c	c	39	36	Tr
Collinstown ...	c	c	36	30	Tr
Rineanna ...	c	c	41	41	-
Valentia ...	d	r	46	43	1
Midleton ...	c	c	44	42	-

00h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	† Med.	† High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	58° 0′	16° 6′	994	-13	200	28	o/r	r	51	48	49	85	6	-	-	8	8	21
HERMOZ	52° 36′	20° 12′	1009	+06	230	31	b	r	55	49	43	58	-	-	-	0	0	9½
QRRJS	45° 0′	15° 34′	1028	+04	180	06	o/d	d	55	56	54	60	6	-	-	8	8	5
WEATHER RECORDER	57° 18′	14° 12′	999	-39	200	27	o	r	50	49	50	87	6	-	-	8	8	17½
WEATHER WATCHER	61° 48′	32° 42′	973	-12	350	17	$r_o s_o$	s	34	41	34	85	-	2	-	8	8	9½
U.S. SHIP 'C'	52° 48′	35° 30′	985	+36	270	29	b	c	46	51	38	65	5	-	-	8	8	25½
U.S. SHIP 'D'	44° 0′	41° 0′	1000	-27	230	37	$r_o r_o$	r	56	57	50	63	4	-	-	8	8	17½
CUMULUS	50° 18′	00° 24′	1028	+03	050	08	c	c	39	49	37	65	5	-	-	8	8	3
SAXONIA	50° 54′	26° 18′	1006	+25	240	30	b	c	53	50	45	87	-	-	-	0	0	30½
RANGITANI	42° 6′	19° 0′	1029	+02	290	05	c	bc	58	57	56	88	x	x	x	x	7	5

06h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	† Med.	† High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	57° 48′	15° 48′	992	-00	220	30	bc	b	50	48	43	88	5	-	-	3	3	19
HERMOZ	52° 18′	20° 12′	1011	+11	250	20	bc	b	54	50	46	58	5	-	-	3	3	9½
POLAR FRONT	66° 6′	01° 48′ E	984	+11	260	23	ir_o	r	43	44	41	87	-	-	-	8	8	8
CIRRUS	45° 0′	15° 54′	1026	-07	210	07	clr	d	54	55	54	50	7	2	-	6	8	5
WEATHER WATCHER	61° 48′	32° 42′	973	+11	280	18	id_o	s	37	41	36	86	6	-	-	8	8	6½
U.S. SHIP 'C'	52° 48′	35° 30′	981	-102	160	42	$r_o r_o$	r	50	54	48	53	3	-	1	8	8	16
NOVA SCOTIA	52° 6′	27° 54′	1001	+28	240	35	c	bc	51	57	46	87	7	-	-	7	7	*
WEATHER RECORDER	57° 36′	15° 24′	992	-29	210	38	c	c	49	50	45	87	2	-	-	6	6	17½
SAXONIA	50° 42′	27° 36′	1005	-27	210	24	b	b	53	51	42	88	1	-	-	2	2	30½
RANGITANI	41° 6′	21° 30′	1028	-02	240	05	c/d	c	58	62	54	88	x	x	x	x	7	5

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*Information not usually received.

† Code figure (see Introduction)

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THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Tuesday 25th January 1955

OBSERVATIONS at 12h. G.M.T. 24th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees)	Wind Speed (kts.)	† Visibility	Present Weather	Pressure Bar at M.S.L. mb	Pressure Change in 3 hrs.	Temp. °F. Dry Bulb	Temp. °F. Dew point	Cloud Form † Low	Form † Medium	Form † High	Cloud † Total amount 0–8	Main layer Amt. 0–8	Main layer † Ht.	Lowest layer Amt. 0–8	Lowest layer † Ht.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	230	06	20	c	27·1	-05	41	37	6	-	-	8	8	12	5	08
London Airport	240	08	56	c	27·3	-05	41	39	6	-	-	8	8	12	3	08
Tangmere	280	03	32	c/d	28·0	+01	40	37	7	-	-	8	8	08	6	06
Bournemouth (Hurn	270	09	56	0	27·9	+00	43	39	6	-	-	8	8	13	-	-
Boscombe Down	290	05	61	c	27·8	+01	43	39	6	-	-	8	8	15	3	10
Felixstowe	250	12	10	f-	26·7	-10	38	38	6	-	-	8	8	01	-	-
Gorleston	260	10	32	0	26·6	-03	38	38	6	-	-	8	8	09	-	-
West Raynham	230	16	32	0	25·8	+00	36	35	6	-	-	8	8	07	-	-
Mildenhall	260	11	28	0	26·1	-03	39	38	6	-	-	8	8	07	-	-
Cranfield	260	15	58	c	26·2	-03	40	38	6	-	-	8	8	10	5	07
Elmdon	220	09	37	c	25·1	-08	42	38	6	3	2	7	-	09	-	-
Cottesmore	240	16	28	c	25·2	-09	39	37	6	-	2	7	3	03	-	-
Watnall	250	09	08	cf-	24·8	-05	39	37	6	3	5	7	1	15	-	-
Ross-on-Wye	230	06	17	c/f	25·4	-13	43	38	-	-	1	7	-	-	-	-
Shawbury	210	09	66	c	24·7	-02	44	38	-	7	8	7	-	-	3	04
Bristol	260	13	58	c	27·1	-01	46	40	5	-	-	7	7	16	-	-
Plymouth	290	05	30	c	28·3	-03	45	42	5	-	-	8	8	18	4	13
Chivenor	200	08	66	c	27·5	-01	47	42	5	-	-	7	7	17	-	-
St. Eval	210	12	61	c	28·1	+01	46	42	5	-	-	8	8	18	-	-
Culdrose	250	08	62	c	28·7	+01	46	41	5	-	-	8	8	20	2	18
Scilly, St. Mary's	220	09	63	c	27·1	+03	48	41	5	-	-	7	7	10	-	-
Guernsey	-	0	32	c	29·2	+04	42	38	5	-	-	8	8	12	-	-
Aberporth	190	10	74	c	25·5	-06	45	41	5	-	-	8	8	35	4	15
Pembroke Dock	220	08	74	c	26·7	-03	48	42	5	-	-	8	8	25	-	-
Holyhead (Valley)	210	15	61	0	23·1	-04	46	44	6	-	-	8	8	08	-	-
Manchester	180	08	23	c	24·2	+01	41	37	5	7	7	8	-	35	-	-
Squires Gate	160	10	10	c	23·0	00	40	36	5	7	-	8	7	40	-	-
Silloth	200	15	89	c	26·4	00	46	42	5	-	-	7	7	30	-	-
Lindholme	170	05	20	c	23·5	+01	39	37	-	7	7	8	-	-	5	05
Spurn Head	230	10	24	c	23·2	-05	36	36	-	-	7	8	-	-	-	-
Dishforth	180	10	48	c	22·4	-02	42	37	5	7	6	7	1	35	-	-
Tynemouth	230	09	32	c	18·3	-16	44	39	-	7	-	7	7	50	-	-
Leuchars	240	24	66	c	13·7	-07	46	43	5	3	-	7	6	35	2	18
Eskdalemuir	200	12	07	of-	19·0	-08	40	40	6	-	-	8	8	01	-	-
Prestwick	200	11	70	cd	17·4	-01	50	46	6	-	-	8	8	40	3	15
West Freugh	150	03	62	c	19·1	+07	47	44	5	7	-	7	3	30	-	-
Ronaldsway	230	16	60	c	21·1	-02	47	45	5	-	-	8	8	30	2	10
Tiree	230	22	60	c	11·9	+09	50	48	5	-	-	7	7	35	1	08
Benbecula	200	22	61	jp	07·3	+05	49	45	8	-	-	6	5	25	4	20
Stornoway	230	25	74	bc	05·4	+08	51	44	8	-	-	5	4	30	3	20
Cape Wrath	230	30	81	c	02·6	+22	47	45	8	-	-	7	7	20	-	-
Sule Skerry	230	30	80	c	02·1	+06	48	48	5	-	-	8	8	10	-	-
Renfrew	210	18	40	Jcd	16·5	+08	46	44	6	-	-	8	7	25	3	08
Dyce	220	08	81	c	10·8	-05	49	42	5	7	6	6	2	12	-	-
Wick	220	26	83	b	05·0	-10	49	41	5	3	-	2	1	20	-	-
Lerwick	230	31	66	c/d	99·9	-02	46	46	6	7	-	7	6	08	-	-
Blacksod Point	180	24	57	0/d	16·9	+13	52	50	7	-	-	8	8	25	4	09
Malin Head	270	24	51	c	14·7	+08	52	47	6	-	-	7	7	11	-	-
Aldergrove	200	17	63	c	18·0	-01	47	45	6	-	-	8	7	12	2	09
Castle Archdale	180	09	60	dcd	17·6	-02	49	47	6	-	-	8	8	12	5	08
Birr Castle	200	13	77	c	21·1	-04	52	47	6	7	-	8	6	34	2	22
Collinstown	240	14	80	c	12·4	+06	50	45	8	8	-	7	7	30	1	25
Rineanna	200	12	82	c/r	21·8	+02	52	48	6	-	-	8	8	28	6	16
Valentia	200	17	40	cr	22·8	00	53	52	6	-	-	8	8	05	-	-
Midleton	210	08	16	dcd	24·8	+01	49	49	6	-	-	8	8	02	-	-

OBSERVATIONS at 18h. G.M.T. 24th January 1955

STATIONS	Wind Direction (degrees)	Wind Speed (kts.)	† Visibility	Present Weather	Pressure Bar at M.S.L. mb	Pressure Change in 3 hrs.	Temp. °F. Dry Bulb	Temp. °F. Dew point	Cloud Form † Low	Form † Medium	Form † High	Cloud † Total amount 0–8	Main layer Amt. 0–8	Main layer † Ht.	Lowest layer Amt. 0–8	Lowest layer † Ht.	21 h. † State of ground
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	240	08	20	c	25·8	-01	43	38	6	-	-	8	8	35	1	10	1
London Airport	250	03	60	c	26·0	+02	42	39	5	-	-	6	6	16	-	-	1
Tangmere	260	04	32	0	26·5	00	42	38	6	-	-	8	8	11	-	-	1
Bournemouth (Hurn	240	06	56	c	26·7	-01	43	38	5	-	-	8	8	16	-	-	1
Boscombe Down	300	04	58	c	26·4	-01	42	38	5	-	-	7	7	15	-	-	0
Felixstowe	270	06	17	0	25·3	+01	38	37	6	-	-	8	8	03	-	-	1
Gorleston	230	07	32	0	24·9	-03	38	33	6	-	-	8	8	03	-	-	0
West Raynham	230	11	32	bc	23·2	-04	38	37	-	3	2	4	-	-	2	58	1
Mildenhall	210	07	23	b	24·1	-03	39	36	-	3	-	1	-	-	1	03	1
Cranfield	250	12	32	bc	24·7	-01	38	36	-	-	1	3	-	-	3	80	1
Elmdon	220	10	30	c	23·5	-09	43	39	-	4	8	7	-	-	1	62	1
Cottesmore	250	10	58	c	23·9	-03	41	38	-	-	2	6	-	-	6	75	1
Watnall	240	07	26	c	22·8	-06	41	39	-	7	5	6	-	-	4	60	1
Ross-on-Wye	240	04	57	b	24·6	-02	43	39	5	-	1	1	1	30	-	-	1
Shawbury	240	14	58	0	23·4	-11	45	43	6	-	-	8	8	08	-	-	1
Bristol	260	09	48	c	25·8	-03	43	39	5	4	1	6	4	20	-	-	1
Plymouth	-	0	56	c	26·8	-06	46	39	5	-	-	8	8	20	-	-	1
Chivenor	-	0	66	c	26·5	-02	46	42	5	2	-	8	3	20	-	-	1
St. Eval	190	07	59	bc	26·5	-06	45	42	5	7	-	5	5	16	-	-	1
Culdrose	240	07	60	bc	27·3	-04	44	40	5	7	1	5	4	20	-	-	1
Scilly, St. Mary's	220	09	63	c	25·8	-05	47	43	5	-	-	7	7	16	-	-	1
Guernsey	-	0	32	c	28·0	00	43	41	5	-	-	8	8	16	-	-	1
Aberporth	200	20	48	0	23·8	-04	45	45	6	-	-	8	8	05	-	-	1
Pembroke Dock	210	07	58	0	25·4	-04	47	46	6	-	-	8	8	06	-	-	1
Holyhead (Valley)	190	11	07	ft	21·8	-03	46	46	-	-	-	9	-	-	-	-	1
Manchester	210	15	48	ido	22·3	-08	43	41	5	-	7	8	6	50	3	22	1
Squires Gate	220	07	48	c	21·3	-05	43	41	6	7	-	8	4	20	-	-	1
Silloth	210	18	28	ido	18·9	-05	46	45	6	-	-	8	8	10	-	-	1
Lindholme	190	08	19	bc	21·5	-04	41	38	-	1	-	3	-	-	3	58	1
Spurn Head	230	12	48	c	21·7	-06	41	39	-	7	-	6	-	-	6	60	0
Dishforth	230	17	23	c	20·3	-06	45	42	5	7	-	8	6	13	-	-	1
Tynemouth	230	10	32	c	17·3	-04	46	42	5	-	-	7	7	24	-	-	1
Leuchars	250	25	58	bc	11·0	-14	47	44	5	7	-	8	3	20	1	12	1
Eskdalemuir	200	08	02	r.s.	16·9	-07	43	43	-	-	-	9	-	-	-	-	1
Prestwick	220	15	48	c	17·0	-03	50	48	5	-	2	7	6	25	2	20	1
West Freugh	220	05	48	o/d	18·5	+05	48	47	6	-	-	8	8	04	-	-	1
Ronaldsway	230	11	32	0	20·2	+01	47	46	6	-	-	8	8	00	-	-	1
Tiree	190	15	58	c	13·7	+10	48	46	5	-	-	8	8	30	4	20	1
Benbecula	200	16	64	c	10·0	+18	47	44	5	-	-	7	7	30	-	-	1
Stornoway	220	22	60	cr	07·5	+15	48	44	5	-	-	8	8	30	5	20	2
Cape Wrath	230	30	81	pr	03·9	+24	47	43	8	-	-	7	7	20	-	-	2
Sule Skerry	270	30	81	c	03·1	+13	48	44	5	-	-	8	8	10	-	-	0
Renfrew	210	11	32	c	15·9	+01	48	46	6	-	-	6	5	12	2	08	1
Dyce	250	18	89	bc	10·2	+11	49	38	5	-	8	4	1	20	-	-	5
Wick	250	27	74	b	05·8	+07	46	39	5	-	-	1	1	15	-	-	5
Lerwick	250	38	66	c/d	99·3	+04	46	43	6	7	-	6	4	03	-	-	5
Blacksod Point	200	13	64	c	16·2	-04	49	47	7	-	-	7	7	49	4	15	
Malin Head	270	19	58	c	15·5	+11	51	42	5	-	-	8	8	21	-	-	
Aldergrove	190	08	66	jf	18·2	+07	48	48	5	-	-	7	7	30	1	06	1
Castle Archdale	230	06	82	c	17·1	+00	52	46	5	-	-	7	7	18	-	-	1
Birr Castle	220	08	66	c/d	19·5	-05	52	50	6	3	-	8	6	11	-	-	
Collinstown	230	13	67	c	20·0	-02	51	48	6	7	-	8	7	30	4	14	
Rineanna	210	11	74	ido	20·1	-05	52	50	6	-	-	8	8	17	2	08	
Valentia	160	14	62	o/d	20·6	-09	51	50	6	-	-	8	8	04	-	-	
Midleton	210	09	32	c	22·4	-08	50	50	6	-	-	8	8	05	-	-	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	cldomoc	cbcumbcmow	48	0·0	Tr
London Airport	odododmolmo	cmbmo	43	*	Tr
Tangmere	oidomocmo	cmo	42	0·0	Tr
Bournemouth (Hurn	omo	cmo	43	*	-
Boscombe Down	c	cmobcmo	43	0·0	-
Felixstowe	Dfoidoof	ofcom	38	0·0	Tr
Gorleston	omo	ombomo	38	0·0	Tr
West Raynham	cmo	cbcmobmw	38	0·0	Tr
Mildenhall	cmo	cmobmo	44	0·0	-
Cranfield	omocmo	bcmobmo	42	0·1	-
Elmdon	cmo	czomo	46	2·3	-
Cottesmore	cmo	cmobcmo	44	2·5	-
Watnall	offcm	cmcmmo	43	0·1	-
Ross-on-Wye	Fbcfcm	cmsbc	48	2·6	-
Shawbury	cmoc	ccbcmo	46	1·1	-
Bristol	c	c	46	0·1	-
Plymouth	cmo	cmobccmo	47	0·0	-
Chivenor	c	co	48	0·3	-
St. Eval	cmoc	cbcomo	47	0·1	-
Culdrose	oc	cbcc	47	0·0	-
Scilly, St. Mary's	oc	cbc	50	2·0	-
Guernsey	c	c	43	0·0	-
Aberporth	c	omw	46	1·1	-
Holyhead (Valley)	c	oidoomo	48	0·0	0·2
Manchester	omo	omofrofo	47	0·0	0·2
Squires Gate	c	cvidoccido	45	1·2	Tr
Silloth	cmocfcmo	cmoidoiomo	44	0·0	Tr
Lindholme	cmocdodomo	cidomocmo	47	0·0	0·4
Spurn Head	cfcffm	cmsbcubcm	44	0·1	-
Dishforth	cbcm	cbcm	41	1·0	-
Tynemouth	cmoc2o	cmo	46	0·0	-
Leuchars	cmo	cm	48	0·0	-
Eskdalemuir	cmo	cmobcmob	50	0·1	-
Prestwick	cidododmo	cdodomo	50	0·0	0·1
West Freugh	c	cidocm	49	0·0	Tr
Ronaldsway	c	comfoido	47	0·0	-
Tiree	dododmoc	cmo	50	0·1	0·2
Benbecula	bccjpbc	c	49	0·0	-
Stornoway	bcjjp	ciroc	52	1·0	Tr
Cape Wrath	ddfpr	cpr	18	*	3
Sule Skerry			49	*	2
Renfrew	ccdod	cdorbc	50	0·0	Tr
Dyce	cbc	bcbmo	52	2·4	-
Wick	cb	b	51	3·6	Tr
Lerwick	cdcc	ccidobc	49	0·0	0·2
Blacksod Point	d	d	52	0·0	Tr
Malin Head	c	d	53	0·8	Tr
Aldergrove	cdodo	cdodoc	50	0·0	0·2
Castle Archdale	cdod	c	51	0·0	Tr
Birr Castle	d	d	53	0·0	Tr
Collinstown	c	c	52	0·1	-
Rineanna	r	r	54	0·0	-
Valentia	r	r	53	0·0	2
Midleton	d	d	50	0·0	Tr

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52° 36′	15° 48′	1011	-06	230	30	c	bc	52	50	45	60	5	-	-	8	8	13
WEATHER RECORDER	57° 48′	16° 00′	996	+10	240	38	c	c	48	49	45	58	8	-	-	3	6	22½
POLAR FRONT	66° 24′	02° 24′E	983	-20	230	05	dd	f	43	46	41	95	6	-	-	8	8	6½
CIRRUS	45° 06′	15° 48′	1028	+09	240	07	c	c	55	55	54	58	6	2	-	7	8	5
WEATHER WATCHER	61° 42′	32° 42′	977	+23	320	14	c/d	d	39	42	36	98	6	7	2	5	8	11
U.S. SHIP 'C'	52° 48′	35° 30′	972	-24	230	10	c	r	47	48	41	65	2	7	6	1	7	3
U.S. SHIP 'D'	44° 00′	41° 00′	1017	+14	290	33	c	c	46	58	37	65	2	-	-	6	6	17½
WEATHER OBSERVER	57° 30′	14° 30′	999	+19	240	33	bc	bc	49	49	44	97	5	-	-	3	3	21
LANCASHIRE	41° 48′	09° 42′	1025	+02	050	17	b	bc	56	57	48	98	1	-	1	1	2	3
PACIFIC UNITY	44° 30′	16° 42′	1028	+02	230	08	jf	c	58	56	54	97	5	-	-	8	8	*

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	57° 54′	16° 48′	997	-03	210	24	c	c	50	49	48	98	2	-	-	7	7	22½
MERMOZ	52° 30′	20° 00′	1003	-41	190	38	c	c	52	51	48	60	7	7	-	1	7	19
POLAR FRONT	66° 12′	02° 12′E	981	+01	280	12	0	r	43	44	43	97	0	-	-	8	8	5
CIRRUS	45° 06′	15° 48′	1025	+01	210	15	c	c	55	55	54	65	6	4	1	4	7	6½
WEATHER WATCHER	61° 00′	33° 00′	974	-24	280	17	cd	d	36	41	33	97	6	-	-	7	7	9½
U.S. SHIP 'C'	52° 48′	35° 30′	990	+05	320	40	c	p	38	44	31	59	2	-	8	6	8	16
U.S. SHIP 'D'	44° 00′	41° 00′	1020	+14	290	30	c	s	46	58	36	63	2	-	-	7	7	19
NEWFOUNDLAND	51° 48′	19° 36′	1005	-05	180	33	c	c	53	54	50	97	6	7	-	4	8	19
WEATHER OBSERVER	59° 00′	12° 36′	1003	+17	210	22	c	bc	51	50	49	97	5	-	-	7	7	21
SACRAMENTO	57° 42′	25° 00′	1017	-05	220	24	0	r	44	49	44	98	7	-	-	8	8	13

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet; 56–80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Monday 24th January

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ⊕ Sky 3/8 covered ◑ Sky 4/8 covered ⊟ Sky 5/8 covered ◕ Sky 6/8 covered ⊗ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

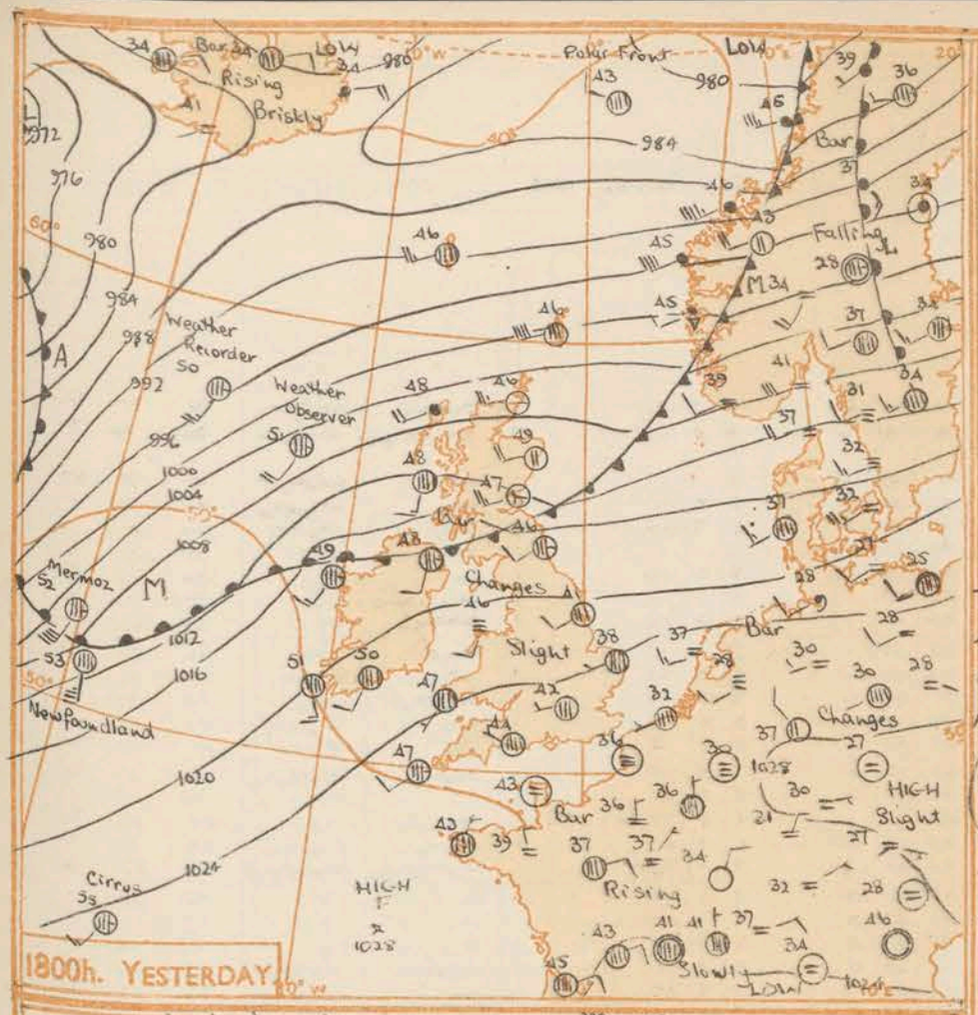
WEATHER SYMBOLS • Rain. ₉ Drizzle * Snow ✳ Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder ≡ Fog ═ Mist

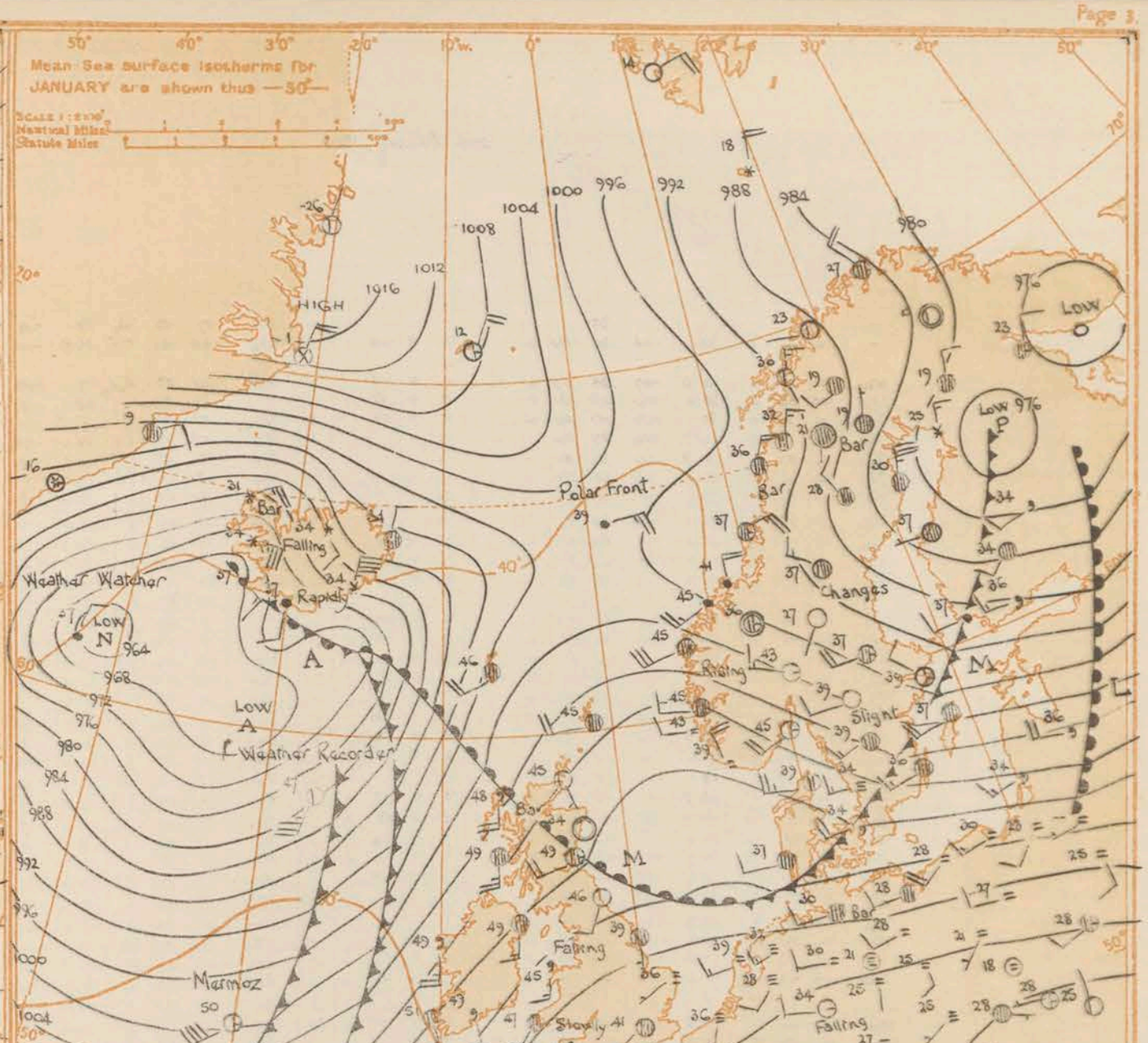
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

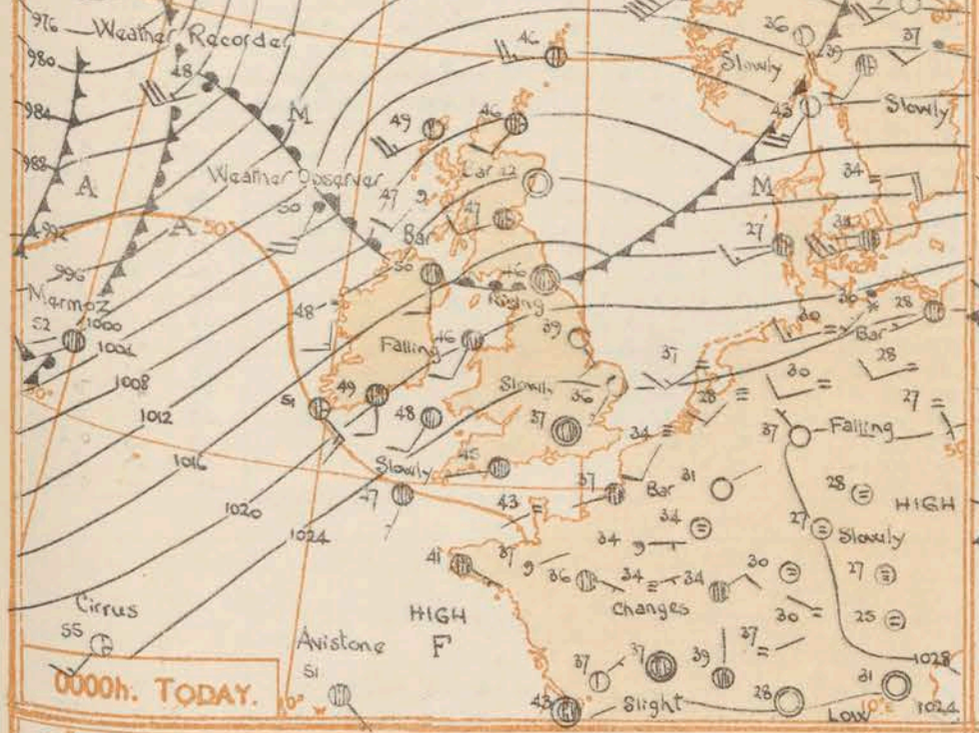
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

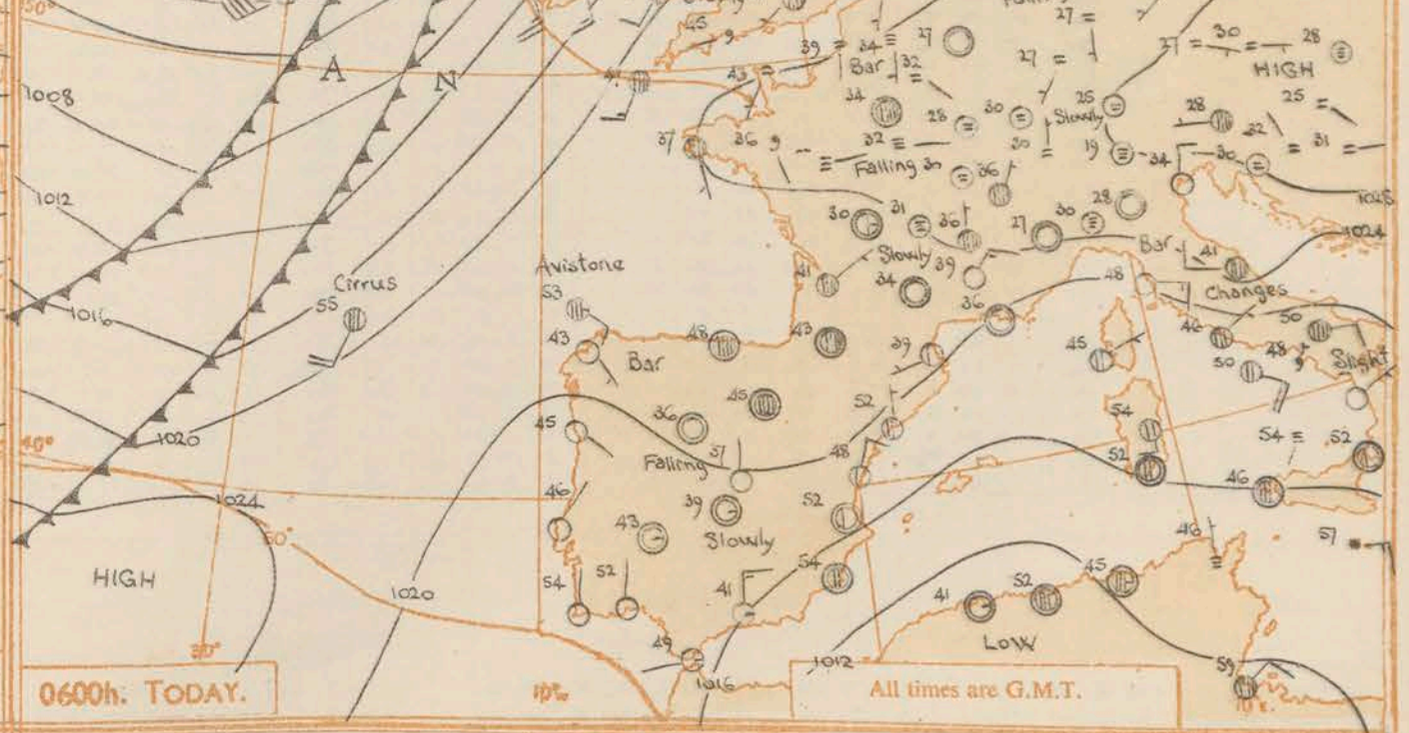
Short strokes across the frontal line indicate Frontolysis.

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.









GENERAL SYNOPTIC DEVELOPMENT:-

Issued at Mid-day today Tuesday 25th January 1955

The ridge which moved slowly into Northern France during yesterday is now declining. A cold front a little to the west of the British Isles is moving east and is expected to clear the British Isles by about mid-day tomorrow.

FORECAST FOR BRITISH ISLES until noon tomorrow:-

It will be mainly dull at first with occasional drizzle in western areas. A belt of more continuous rain or drizzle will move east across most areas by mid-day tomorrow and will be followed by brighter weather though occasional showers will occur in the west. Temperatures will be near normal or a little above.

OUTLOOK FOR the following 24 hours:-

Bright intervals and occasional showers, chiefly in the west and north.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 25th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: Ht. †	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: Ht. †
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	39	*	*	*	*	*	*	*	*	*
London Airport	82	–	0	22	0	24·7	-04	37	36	6	-	-	8	8	05	-	-
Tangmere	53																
Bournemouth (Hurn	34	020	01	29	0	25·3	-07	38	37	6	-	-	8	8	14	-	-
		240	05	56	c	25·4	-06	43	40	5	-	-	8	8	12	-	-
Boscombe Down	414	300	01	62	0	25·1	-06	42	40	6	-	-	8	8	06	-	-
Felixstowe	10	210	08	19	b	24·2	-06	37	36	-	-	-	0	-	-	-	-
Gorleston	5	200	07	32	b	24·2	00	36	34	-	-	-	0	-	-	-	-
West Raynham	250	220	05	12	c	22·7	-03	38	38	6	-	1	7	7	07	-	-
Mildenhall	15	230	06	19	bc	23·4	-01	39	37	-	-	2	3	-	-	-	-
Cranfield	340	230	12	28	b	23·8	-06	38	37	-	-	-	0	-	-	-	-
Elmdon	324	220	05	37	0	22·5	-10	43	42	6	-	-	8	8	05	-	-
Cottesmore	440	230	12	23	c	23·1	-04	42	40	6	-	-	7	7	05	-	-
Watnall	366	210	09	26	0	21·8	-07	43	42	6	-	-	8	8	05	-	-
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury	235	200	05	58	0	22·3	-06	45	43	6	-	-	8	8	08	-	-
Bristol	192	260	08	59	0	24·5	-08	45	41	6	-	-	8	8	12	-	-
Plymouth	90	–	0	27	c	25·6	-11	46	42	5	-	-	8	8	17	-	-
Chivenor	20	190	07	63	c	24·9	-12	45	41	5	-	-	8	8	13	-	-
St. Eval	336	190	08	48	0	25·0	-10	44	43	6	-	-	8	8	14	-	-
Culdrose	260	230	08	62	c	25·9	-08	46	42	5	-	-	8	8	20	-	-
Scilly, St. Mary's	158	190	07	63	c	24·3	-06	47	43	5	-	-	8	8	16	-	-
Guernsey	340	-	0	63	c	26·6	-09	44	41	5	-	-	8	8	12	-	-
Aberporth	375	200	16	08	f	22·5	-10	46	46	-	-	-	9	-	-	-	-
Pembroke Dock	34	200	10	60	0	23·7	-11	48	47	6	-	-	8	8	07	-	-
Holyhead (Valley)	32	190	12	14	0/f	20·5	-05	46	46	6	-	-	8	8	02	-	-
Manchester	248	180	12	57	c	21·3	-03	45	43	5	-	-	7	7	24	-	-
Squires Gate	33	170	07	56	id$_o$	20·7	+03	43	42	5	-	-	8	8	30	2	15
Silloth	25	220	16	23	d$_o$d$_o$	18·6	+09	46	46	7	-	-	8	8	05	-	-
Lindholme	21	-	0	23	c	20·8	-03	42	41	-	1	-	7	-	-	7	58
Spurn Head	29	160	10	24	b	20·8	+01	39	39	-	-	-	0	-	-	-	-
Dishforth	105	250	14	37	bc	19·5	-04	45	43	5	-	2	5	2	16	-	-
Tynemouth	108	–	0	32	c	17·9	+01	46	43	-	1	-	8	8	57	-	-
Leuchars	36	240	08	66	c	14·3	+13	47	40	5	-	-	7	7	40	-	-
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick	30	200	09	60	c	15·9	-01	51	47	5	-	-	8	8	26	2	20
West Freugh	50	180	09	28	id$_o$	16·8	-06	48	48	6	-	-	8	8	02	-	-
Ronaldsway	55	230	12	28	id$_o$	18·8	-00	47	47	6	-	-	8	8	00	-	-
Tiree	29	200	12	58	id$_o$	12·0	-12	47	46	5	-	-	7	7	20	-	-
Benbecula	18	200	14	81	c	08·6	-09	47	44	5	-	-	7	7	37	-	-
Stornoway	10	210	25	66	bc	08·0	-01	49	43	5	-	-	4	4	25	-	-
Cape Wrath	367	270	30	81	bc	04·6	+16	46	44	8	-	-	4	4	28	-	-
Sule Skerry	43	270	19	82	b	05·9	+14	47	45	-	-	-	0	-	-	-	-
Renfrew	28	210	11	58	c	15·8	+07	48	46	5	-	-	7	7	35	-	-
Dyce	185	-	0	66	b	12·1	+10	42	36	-	-	-	0	-	-	-	-
Wick	119	210	11	74	c	08·6	+17	46	39	5	-	-	7	7	27	-	-
Lerwick	269	260	26	82	bc	02·8	+26	46	42	5	-	-	4	4	48	-	-
Blacksod Point	18	180	16	32	d$_o$d$_o$	13·1	-15	48	48	7	-	-	8	8	08	-	-
Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove	220	180	12	63	c	15·7	-15	50	50	6	-	-	8	8	11	6	07
Castle Archdale	225	210	16	74	bc	14·2	-26	51	49	6	-	-	3	3	09	-	-
Birr Castle	231	190	07	69	c	17·9	-10	51	48	5	-	-	7	7	43	3	14
Collinstown	226	220	13	74	b	18·4	-07	50	46	5	-	-	2	2	26	-	-
Rineanna	10	180	17	80	b	18·4	-10	51	47	5	-	-	1	1	28	-	-
Valentia	30	160	17	62	bc/pr	17·5	-20	51	49	2	-	-	5	5	15	-	-
Midleton	30	180	10	66	0/f	20·8	-09	49	49	6	-	-	8	8	02	-	-

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med. †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
MERMOZ	52° 24′	20° 6′	999	-02	220	48	0	d	52	52	37	58	7	-	-	8	8	19
WEATHER OBSERVER	56° 36′	11° 0′	1004	-05	190	24	r$_o$r$_o$	r	50	51	50	97	6	-	-	8	8	17½
WEATHER RECORDER	58° 12′	17° 54′	984	-81	230	35	r$_o$r$_o$	r	48	50	47	97	6	2	-	3	8	24
CIRRUS	45° 0′	16° 0′	1022	-17	200	17	bc	bc	55	55	54	65	5	-	-	3	3	6½
POLAR FRONT	66° 0′	02° 0′E	987	+43	070	24	c	d	41	41	39	97	-	-	-	8	8	6½
WEATHER WATCHER	61° 54′	32° 42′	969	-35	230	09	c	c	35	41	30	98	5	-	-	8	8	5
U.S. SHIP 'C'	52° 48′	35° 30′	999	+24	320	31	bc	s	27	35	29	65	5	-	-	3	3	16
U.S. SHIP 'D'	44° 0′	41° 0′	1024	+27	270	25	c	c	46	58	35	63	5	-	-	8	8	13
AVISTONE	45° 6′	08° 48′	1026	-01	150	05	c	c	51	54	42	98	x	x	x	9	8	1½
NOVA SCOTIA	51° 12′	20° 18′	998	+05	210	28	0	p	51	55	44	98	6	-	-	8	8	*

OBSERVATIONS at 06 h. G.M.T. 25th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: Dry Bulb °F.	Temp.: Dew point °F.	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0–8	Cloud: Main layer: Amt. 0–8	Cloud: Main layer: Ht. †	Cloud: Lowest layer: Amt. 0–8	Cloud: Lowest layer: Ht. †	09h. State of ground †
		(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	18	210	07	09	id$_o$	23·1	-08	41	41	6	-	-	8	8	15	-	-	1
London Airport	82	220	05	40	o/f	22·9	-10	41	41	6	-	-	8	8	02	-	-	1
Tangmere	53																	
Bournemouth (Hurn	34	250	02	03	d$_o$d$_o$	23·4	-09	41	41	-	-	-	9	-	-	-	-	1
		-	0	58	c	23·1	-13	43	40	5	-	-	8	8	11	-	-	1
Boscombe Down	414	270	02	48	c	23·3	-10	41	40	5	-	-	7	7	23	-	-	0
Felixstowe	10	250	03	03	f+	23·0	-08	38	38	-	-	-	9	-	-	-	-	1
Gorleston	5	230	05	05	o/f+	21·7	-09	36	35	6	-	-	8	8	06	-	-	1
West Raynham	250	230	09	03	f+	20·8	-11	39	39	-	-	-	9	-	-	-	-	1
Mildenhall	15	240	07	02	f	21·4	-13	40	40	-	-	-	9	8	00	-	-	1
Cranfield	340	240	10	03	f	21·5	-17	42	42	-	-	-	9	-	-	-	-	1
Elmdon	324	210	07	40	0	20·7	-14	44	43	6	-	-	8	8	04	-	-	1
Cottesmore	440	240	12	48	0	21·1	-13	41	40	6	-	-	8	8	02	-	-	1
Watnall	366	220	06	17	0	20·3	-11	43	43	6	-	-	8	8	10	-	-	1
Ross-on-Wye	223	230	07	57	0	21·2	-13	45	43	6	-	-	8	8	15	-	-	1
Shawbury	235	–	0	56	0	20·2	-11	43	41	6	-	-	8	8	15	-	-	1
Bristol	192	–	0	48	0	22·2	-12	44	41	6	-	-	8	8	11	-	-	1
Plymouth	90	220	08	66	c/d	22·8	-12	46	41	6	-	-	8	8	22	4	15	1
Chivenor	20	180	05	48	o/d	22·4	-10	45	43	6	-	-	8	8	07	-	-	1
St. Eval	336	180	06	66	c/d	22·1	-12	44	41	6	-	-	7	7	20	-	-	1
Culdrose	260	200	10	64	c	22·8	-10	44	39	5	-	-	8	8	18	-	-	1
Scilly, St. Mary's	158	200	13	66	c	20·7	-15	47	42	5	-	-	8	8	12	-	-	1
Guernsey	340	170	04	48	c	24·4	-08	42	33	5	-	-	8	8	11	-	-	1
Aberporth	375	200	13	28	o/f	20·0	-11	46	45	6	-	-	8	8	04	-	-	1
Pembroke Dock	34	200	10	60	o/d	21·0	-10	47	46	6	-	-	8	8	07	-	-	1
Holyhead (Valley)	32	180	12	07	d$_o$d$_o$	17·6	-15	45	45	-	-	-	9	-	-	-	-	1
Manchester	248	210	18	48	id$_o$	19·1	-10	44	42	5	-	-	8	8	05	-	-	2
Squires Gate	33	180	12	59	c	17·9	-16	45	43	5	-	-	7	7	45	2	30	1
Silloth	25	200	12	37	0	15·6	-17	47	46	6	-	-	8	8	11	-	-	1
Lindholme	21	180	09	20	c	18·7	-11	44	42	5	-	-	7	7	45	-	-	1
Spurn Head	29	180	05	24	0	19·4	-10	39	39	6	-	-	8	8	08	-	-	0
Dishforth	105	190	07	56	bc	17·7	-07	45	43	5	-	-	3	3	30	-	-	1
Tynemouth	108	200	05	61	b	15·2	-10	46	44	-	3	-	2	2	57	-	-	1
Leuchars	36	240	20	66	c	10·6	-26	49	47	6	-	-	7	7	30	3	12	1
Eskdalemuir	794	-	0	02	f	14·9	-10	43	43	-	-	-	9	-	-	-	-	1
Prestwick	30	190	13	60	c	13·5	-18	50	48	7	-	-	8	8	14	6	08	1
West Freugh	50	200	16	48	dd	14·0	-18	48	47	7	2	-	8	8	15	5	05	1
Ronaldsway	55	190	15	04	f+	16·2	-17	47	47	-	-	-	9	-	-	-	-	1
Tiree	29	180	20	27	d$_o$d$_o$	08·0	-19	48	48	6	-	-	8	8	10	5	03	1
Benbecula	18	180	26	28	d$_o$d$_o$	04·5	-24	49	49	6	-	-	8	8	05	-	-	1
Stornoway	10	180	26	58	c	04·6	-21	49	48	5	-	-	8	8	18	-	-	2
Cape Wrath	367	230	24	32	bc	03·4	-08	50	43	8	-	-	5	5	25	-	-	1
Sule Skerry	43	250	19	81	c	05·6	-05	48	46	5	-	-	8	8	10	-	-	1
Renfrew	28	200	13	48	id$_o$	12·8	-23	49	49	6	-	-	8	8	13	4	08	1
Dyce	185	-	0	66	b	10·8	-11	34	32	-	-	-	0	-	-	-	-	5
Wick	119	170	07	74	b	07·9	-10	45	41	-	-	1	2	-	-	2	75	5
Lerwick	269	240	20	66	0	06·0	+12	45	43	6	-	-	8	8	08	-	-	1
Blacksod Point	18	180	27	32	dr	08·7	-18	49	49	7	-	-	8	8	07	-	-	2
Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove	220	180	17	63	c/d	13·0	-12	49	48	6	-	-	8	8	49	3	09	1

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: Low †	Cloud: Form: Med. †	Cloud: Form: High †	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER OBSERVER	56° 18′	09° 24′	1002	-07	200	25	id$_o$	r	50	50	50	24	6	-	-	8	8	13
WEATHER RECORDER	58° 48′	18° 30′	973	-77	190	37	b	e	47	49	41	98	5	-	-	2	2	24
CIRRUS	44° 54′	16° 12′	1017	-29	200	20	c	bc	55	56	52	60	5	-	-	6	6	8
POLAR FRONT	66° 0′	01° 48′E	998	+60	070	23	ir$_o$	r	39	42	34	98	x	x	x	8	8	9½
MERMOZ	52° 24′	20° 6′	999	+00	230	38	bc	bc	50	52	37	60	6	4	-	1	3	19
WEATHER WATCHER	62° 0′	32° 42′	964	-23	010	10	ir$_o$	c	37	41	32	98	5	-	-	8	8	6½
U.S. SHIP 'C'	52° 48′	35° 30′	1002	+15	290	31	bc	bc	37	45	24	65	5	-	-	3	3	14
U.S. SHIP 'D'	44° 0′	41° 0′	1020	+36	270	07	c	c	46	58	35	63	5	-	-	8	8	9½
NEWFOUNDLAND	51° 48′	22° 18′	1000	+02	260	30	bc	bc	48	53	32	98	1	-	-	3	3	25½
AVISTONE	44° 0′	09° 12′	1021	-02	150	13	c	c	53	55	45	98	x	x	x	8	7	5

OBSERVATIONS during NIGHT

Weather: 22h.–03h. (20)	Weather: 03h.– 09h. (40)	Temperature 22h.–09h.: Min. °F. (41)	Temperature 22h.–09h.: Min. on Grass °F. (42)	Rain 22h.–09h. mm. (43)
bcm$_o$wx	cwid$_o$cm$_o$	38	27	Tr
bm$_o$wcd$_o$d$_o$m	ofid$_o$cm	34	26	Tr
cm$_o$	cid$_o$m$_o$cf	35	28	0·1
cm$_o$	cm$_o$o$_o$m$_o$	42	40	-
cm$_o$c	cm$_o$ofe	40	31	-
bm	ofe	35	32	Tr
bm$_o$	om$_o$f	34	32	Tr
bbccmwgffe	offe	37	33	Tr
bmcmcf	of	37	33	Tr
bm$_o$fe	ofe	36	33	Tr
om$_o$	om$_o$cm	42	41	-
bm$_o$cm$_o$f	fcm$_o$	40	37	-
cm$_o$	cm$_o$cmcf	42	41	-
bbc	cpr$_o$coc	41	35	Tr
bccm$_o$	cmoid$_o$m$_o$	40	35	Tr
c	co	42	41	-
cm$_o$	cd$_o$d$_o$m$_o$c	44	42	Tr
awcm$_o$	cid$_o$m$_o$c	44	42	Tr
cm$_o$om$_o$id$_o$	cm$_o$cid$_o$m$_o$c	43	42	Tr
co	o	44	35	-
co	o	47	*	-
c	c	40	40	-
om$_o$of	ofeoid$_o$m	45	44	Tr
om$_o$	cid$_o$d$_o$d$_o$m$_o$	46	45	Tr
fom	omt d$_o$d$_o$	45	44	1
cid$_o$	cid$_o$	43	41	Tr
cid$_o$m$_o$	cm$_o$cm	43	40	0·3
cm$_o$cd$_o$d$_o$m$_o$	cid$_o$m$_o$cddm	45	44	0·3
cmcm$_o$	cm$_o$	43	35	-
bm$_o$	ocm$_o$	38	*	-
cm$_o$bm$_o$	bm$_o$cm	41	35	-
cm$_o$bcm$_o$	bcm$_o$	44	38	-
bccbc	ccid$_o$	45	37	Tr
of	orost	42	41	2
cd$_o$rom$_o$	cid$_o$m$_o$c	48	47	0·1
cmcid$_o$m	cd$_o$d$_o$m$_o$c	46	46	1
oid	od$_o$d$_o$fc	47	45	1
cod$_o$d$_o$m$_o$	od$_o$d$_o$m$_o$c	46	45	1
cb oid$_o$m$_o$	oid$_o$d$_o$d$_o$m$_o$	45	43	1
bc	ccd$_o$d$_o$	47	44	Tr
c	c	45	44	0·2
*	*	46	37	0·2
ccir$_o$d$_o$	cd$_o$d$_o$m$_o$	46	43	0·3
bbx	bxcm$_o$	32	28	-
cb	bc	43	37	-
bccir$_o$	c	44	-~~26~~	0·2
d	r	47	47	3
*	*	48	*	-
c	ccid$_o$c	48~~48~~	47	Tr
c	c	48	47	-
d	c	49	47	Tr
d	bc	49	45	Tr
be	bc	47	45	0·2
p	r	50	49	3
f	r	48	47	0·5

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*Information not usually received.

† Code figure (see introduction)

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

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34033 — Date of Issue... Wednesday 26th January 1955

OBSERVATIONS at 12h. G.M.T. 25th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer † Ht. (16)
Kew	230	07	59	c	21·2	-16	43	42	7	-	-	8	8	30	3	14
London Airport	220	07	50	0	21·4	-13	43	42	6	-	-	8	8	07	-	-
Tangmere	180	05	57	c	21·7	-14	46	40	5	-	-	7	7	20	-	-
Bournemouth (Hurn	230	06	58	c	21·5	-10	46	39	5	-	-	8	8	22	-	-
Boscombe Down	220	03	32	c	21·5	-13	40	43	6	-	-	8	8	10	4	06
Felixstowe	230	08	02	f	21·9	-04	39	39	-	-	-	9	9	00	-	-
Gorleston	200	07	20	0	21·2	-09	41	39	6	-	-	8	8	09	-	-
West Raynham	210	09	02	f-	20·0	-10	42	42	-	-	-	9	-	-	-	-
Mildenhall	230	09	06	f-	20·8	-09	43	42	-	-	-	9	-	-	-	-
Cranfield	250	10	32	0	20·4	-11	43	43	6	-	-	8	8	03	-	-
Elmdon	230	12	40	c	19·0	-17	45	43	6	-	-	7	7	08	-	-
Cottesmore	210	09	28	c	19·9	-12	45	43	6	-	-	8	8	35	6	05
Watnall	220	03	10	c	18·8	-12	45	43	6	-	-	8	8	28	6	08
Ross-on-Wye	210	08	57	0	19·0	-20	48	41	6	-	-	8	8	15	-	-
Shawbury	200	09	66	c	18·3	-18	47	43	5	3	-	7	5	40	2	12
Bristol	210	13	58	c	20·5	-11	46	37	5	-	-	8	8	18	-	-
Plymouth	200	08	69	c	20·3	-16	46	41	5	-	-	8	8	30	4	20
Chivenor	190	10	66	c	19·7	-17	46	42	5	-	-	8	8	20	-	-
St. Eval	190	10	66	c	19·1	-19	46	41	5	-	-	8	8	21	-	-
Culdrose	190	12	60	c	20·0	-14	46	41	6	-	-	8	8	15	3	10
Scilly, St. Mary's	200	16	61	c	17·8	-18	48	41	5	-	-	8	8	15	-	-
Guernsey	170	08	58	c	22·5	-13	40	35	6	-	-	3	8	16	3	09
Aberporth	180	15	66	c/d	16·8	-23	45	41	6	-	-	7	7	15	5	08
Pembroke Dock	180	07	74	c	18·1	-19	47	43	5	-	-	8	8	18	-	-
Holyhead (Valley)	190	17	56	c	15·2	-15	46	45	6	-	-	8	8	20	6	03
Manchester	200	12	57	c	17·5	-13	49	43	8	-	-	6	5	35	2	15
Squires Gate	180	10	15	c	16·2	-11	48	45	6	-	-	8	8	24	4	15
Silloth	200	18	19	d	14·2	-09	47	47	7	-	-	7	7	30	7	02
Lindholme	190	09	19	c	18·2	-08	48	44	5	-	-	7	7	42	-	-
Spurn Head	230	10	32	c	18·4	-10	44	42	5	-	3	7	7	22	-	-
Dishforth	220	14	22	c	16·5	-17	48	45	5	-	-	7	7	26	-	-
Tynemouth	200	12	48	bc	15·3	-08	48	43	-	3	-	5	5	57	-	-
Leuchars	230	12	64	c	10·6	-08	50	46	6	-	-	7	7	25	6	15
Eskdalemuir	210	13	06	r	13·3	-09	44	44	-	-	-	9	-	-	-	-
Prestwick	200	20	60	c	11·2	-08	51	47	5	4	2	6	4	30	1	08
West Freugh	200	10	60	c	12·0	-09	49	47	6	-	-	7	7	08	5	05
Ronaldsway	210	19	62	c	14·4	-06	48	45	6	-	-	8	8	10	7	05
Tiree	180	21	66	c/d	05·0	-08	48	46	5	7	-	8	6	20	-	-
Benbecula	190	23	23	r	01·5	-12	49	48	6	-	-	8	8	03	-	-
Stornoway	200	25	56	d	02·0	-08	50	48	6	-	-	8	8	14	3	05
Cape Wrath	230	19	81	c	00·0	-16	50	48	6	-	-	7	7	25	-	-
Sule Skerry																
Renfrew	180	18	56	c	10·4	-09	50	47	6	-	-	7	6	14	1	07
Dyce	190	18	48	c	09·1	-13	47	46	6	-	-	7	7	05	3	03
Wick	150	16	83	c	04·9	-17	48	43	5	7	-	7	4	40	1	25
Lerwick	190	18	66	cd	04·8	-12	45	43	5	7	-	7	5	45	-	-
Blacksod Point	180	40	07	D	04·3	-19	50	50	7	-	-	8	8	05	-	-
Malin Head	190	33	04	cr	05·4	-14	51	47	7	-	-	7	7	21	-	-
Aldergrove	180	16	66	c	10·3	-11	49	47	6	-	-	8	8	15	5	10
Castle Archdale	180	17	82	c	06·9	-25	51	47	5	-	-	8	8	22	-	-
Birr Castle	180	15	71	cd	10·8	-13	49	46	6	-	-	8	8	25	7	10
Collinstown	220	13	80	c	12·9	-16	52	45	6	-	2	7	5	23	1	16
Rineanna	170	23	82	c	09·9	-19	51	46	5	-	-	7	7	50	3	15
Valentia	170	25	61	d	08·5	-22	51	49	6	-	-	8	8	07	-	-
Midleton	180	20	48	d	13·1	-21	48	47	6	-	-	8	8	10	6	07

OBSERVATIONS at 18h. G.M.T. 25th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	190	09	59	c	17·7	-10	44	39	5	-	-	8	8	30	3	15	1
London Airport	190	07	56	c	17·5	-08	43	38	6	-	-	8	8	20	3	10	1
Tangmere	190	11	48	c	18·4	-09	43	38	5	-	-	8	8	15	-	-	1
Bournemouth (Hurn	180	09	48	c	17·8	-10	41	37	5	-	-	8	8	14	-	-	1
Boscombe Down	200	08	57	c	17·9	-13	41	38	6	-	-	8	8	18	6	12	0
Felixstowe	190	09	23	c/f	18·6	-11	40	40	5	-	-	8	8	17	-	-	1
Gorleston	210	12	09	of-	19·2	-04	40	40	6	-	-	8	8	06	-	-	1
West Raynham	200	11	01	f	17·4	-05	40	40	-	-	-	9	-	-	-	-	1
Mildenhall	200	05	02	f	17·2	-12	43	41	-	-	-	9	-	-	-	-	1
Cranfield	200	15	48	c	16·7	-13	43	38	5	-	-	8	8	18	-	-	1
Elmdon	200	04	50	c	15·3	-11	43	38	5	-	-	8	8	20	-	-	1
Cottesmore	190	14	63	c	16·2	-13	43	37	5	-	-	8	8	18	-	-	1
Watnall	190	08	40	0	15·2	-13	44	39	6	-	-	8	8	20	-	-	1
Ross-on-Wye	200	08	57	0	15·1	-14	44	39	6	-	-	8	8	20	-	-	1
Shawbury	170	08	58	c	14·4	-13	43	36	5	-	-	8	8	23	6	16	1
Bristol	200	10	32	c	16·1	-16	44	37	5	-	-	8	8	18	-	-	1
Plymouth	190	16	57	0	16·5	-05	43	38	6	-	-	8	8	13	-	-	1
Chivenor	190	16	59	c	15·4	-09	45	41	5	-	-	8	8	14	-	-	1
St. Eval	180	16	58	c	14·8	-07	44	41	5	-	-	8	8	18	2	10	1
Culdrose	200	20	58	c	15·6	-06	45	38	6	-	-	8	8	10	5	06	0
Scilly, St. Mary's	180	21	48	c	13·2	-08	47	38	5	-	-	8	8	13	-	-	1
Guernsey	170	12	16	cd	18·7	-09	38	38	6	-	-	8	8	05	4	02	1
Aberporth	180	13	62	c	12·7	-13	44	39	5	-	-	8	8	12	2	10	1
Pembroke Dock	180	08	66	cr	13·9	-11	47	42	5	-	-	8	8	18	-	-	1
Holyhead (Valley)	180	18	66	c	11·1	-13	45	39	5	-	-	8	8	28	4	20	1
Manchester	180	15	58	c	13·8	-17	43	37	5	-	-	8	8	27	2	14	1
Squires Gate	190	13	48	c	12·8	-12	42	37	5	-	-	8	7	28	-	-	1
Silloth	190	16	63	c	10·8	-05	45	39	5	-	-	7	7	22	-	-	1
Lindholme	180	07	20	c	14·6	-11	45	43	6	-	-	8	8	23	3	10	1
Spurn Head	180	10	12	0	15·9	-17	42	41	6	-	-	8	8	12	-	-	0
Dishforth	160	08	20	c	13·4	-07	45	41	5	-	-	8	8	29	-	-	1
Tynemouth	200	09	12	c	11·7	-17	47	44	5	3	-	7	5	24	-	-	1
Leuchars	250	17	66	bc	07·5	+01	46	41	5	-	-	3	3	16	-	-	2
Eskdalemuir	190	12	66	c	10·8	-13	39	39	5	-	-	8	8	10	-	-	1
Prestwick	160	22	58	c	08·1	-04	47	42	5	7	-	8	6	16	2	12	1
West Freugh	160	17	60	c	08·4	-09	46	43	6	-	-	8	8	7	2	05	1
Ronaldsway	170	21	62	c/r	10·9	-08	45	42	5	-	-	8	8	20	2	11	1
Tiree	180	28	58	d	01·5	-09	47	47	6	-	-	8	8	18	6	11	1
Benbecula	200	10	48	r	00·1	-06	45	45	6	-	-	8	8	33	5	12	1
Stornoway	-	0	48	dd	00·4	-03	45	45	6	-	-	8	8	20	6	07	2
Cape Wrath	230	09	24	dd	00·0	-02	48	46	6	-	-	8	8	10	-	-	2
Sule Skerry	230	05	80	r	00·1	-11	48	48	6	-	-	8	8	10	-	-	2
Renfrew	180	16	20	d	07·9	-05	44	43	6	-	-	7	6	30	4	10	1
Dyce	210	12	63	c	06·3	-10	47	43	6	-	-	8	7	17	2	08	5
Wick	150	08	83	c	02·6	-05	47	42	-	7	-	6	-	-	6	58	2
Lerwick	230	24	74	c	01·3	-07	47	44	5	3	-	7	5	50	2	30	2
Blacksod Point	260	01	12	d	03·3	-07	45	44	7	-	-	8	8	05	-	-	
Malin Head	180	24	58	cr	02·5	-09	49	46	7	-	-	8	8	21	-	-	
Aldergrove	180	17	58	cd	06·2	-09	46	44	6	-	-	8	8	23	6	10	1
Castle Archdale	170	10	66	cr	03·7	-11	47	45	5	-	-	8	7	22	4	15	1
Birr Castle	180	15	70	c	05·5	-18	48	44	6	-	-	8	8	24	5	10	
Collinstown	200	12	59	cd	08·7	-07	47	43	6	3	-	7	5	20	-	-	
Rineanna	170	25	66	cd	05·1	-19	49	45	6	-	-	8	8	20	2	09	
Valentia	170	21	48	cR	03·5	-18	49	47	6	-	-	8	8	10	-	-	
Midleton	180	16	59	cd	07·3	-21	49	45	6	-	-	8	8	22	7	11	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mm. (38)
Kew	cm₀c	ccm₀c	48	0·0	-
London Airport	ofm₀cm₀	cm₀	44	*	-
Tangmere	cfom₀	cm₀cid₀m₀	47	0·0	Tr
Bournemouth (Hurn	om₀cz₀	cm₀	46	*	-
Boscombe Down	cmc	ccm₀	45	0·0	-
Felixstowe	ofe	ofeom₀	40	0·0	Tr
Gorleston	ofomof	oidfofeam₀	42	0·0	Tr
West Raynham	offeffe	offecm₀	42	0·0	Tr
Mildenhall	ofe	ofcm₀	43	0·0	Tr
Cranfield	ofom₀	cm₀	43	0·0	-
Elmdon	cm₀	cz₀	46	0·0	-
Cottesmore	cm₀	cm₀c	47	0·7	-
Watnall	cfm	cm₀	46	0·0	-
Ross-on-Wye	cm₀o	o	45	0·0	-
Shawbury	cd₀cm₀	cm₀cz₀	48	0·2	Tr
Bristol	c	cciro	46	0·0	Tr
Plymouth	cm₀cz₀	cm₀cid₀m₀	47	0·0	Tr
Chivenor	c	ccm₀	48	0·0	-
St. Eval	c	cciro d₀m₀	46	0·0	Tr
Culdrose	o	odo	46	0·0	Tr
Scilly, St. Mary's	o	o	49	0·0	-
Guernsey	cff off	id₀c	41	0·0	Tr
Aberporth	cd₀d₀nc	ccid₀	45	0·0	0·1
Pembroke Dock	cd₀d₀m₀cciro	ciro	47	0·0	Tr
Holyhead (Valley)	od₀d₀cm₀	ccro₀	47	0·0	Tr
Manchester	c	c	49	1·1	Tr
Squires Gate	cmbm₀c	cm₀	49	1·7	-
Silloth	no d₀d₀m₀cm₀	cbcc	47	0·8	1
Lindholme	cm₀cm	cmcm₀cz₀	49	0·0	-
Spurn Head	cm₀bcm₀	om₀o	43	0·0	-
Dishforth	cm₀bcm₀	bcm₀cm₀	50	0·7	-
Tynemouth	bcm₀cm	cmbcz₀	51	2·3	-
Leuchars	cbc	bcc	51	0·3	-
Eskdalemuir	ro r₀f	ro r₀m₀c	44	0·0	2
Prestwick	ccd₀d₀	cciro cm₀	51	0·0	Tr
West Freugh	c	c	50	0·9	-
Ronaldsway	c	cciro r₀d	48	0·1	Tr
Tiree	cidom₀	cr₀d₀ d₀d₀m₀	49	0·0	1
Benbecula	ro r₀ rrm₀	od₀d₀r₀r₀m₀	49	0·0	9
Stornoway	cd₀d₀r₀rr	crr r₀r₀d	50	0·0	5
Cape Wrath	cid	oddm₀	52	*	8
Sule Skerry			52	*	4
Renfrew	cm₀rr	cr₀d₀d₀c	51	0·8	2
Dyce	cm₀	cm₀c	49	0·0	-
Wick	c	bqdb	50	0·0	-
Lerwick	ccidc	ccir₀c	49	0·1	Tr
Blacksod Point	d	d	50	0·0	24
Malin Head	c	r	53	0·1	0·1
Aldergrove	c	ccid₀m₀cm₀	50	0·1	Tr
Castle Archdale	c	ccr r₀	51	0·0	0·1
Birr Castle	d	d	50	0·0	Tr
Collinstown	c	d	53	1·9	Tr
Rineanna	c	d	53	0·7	Tr
Valentia	r	d	51	0·0	3
Midleton	r	r	49	0·0	1

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 12′	18° 30′	981	+09	250	39	c/q	p	41	49	37	98	9	-	-	4	7	24
MERMOZ	62° 24′	20° 12′	1001	00	290	25	bc	bc	50	51	32	70	9	-	-	1	3	19
POLAR FRONT	65° 48′	01° 42′E	1000	-11	110	27	c	c	39	40	34	98	6	-	-	8	8	9½
CIRRUS	45° 00′	15° 54′	1015	-03	310	16	pr₀	r	54	55	50	60	9	-	-	8	8	8
WEATHER WATCHER	62° 00′	32° 24′	960	-15	320	25	c	r	39	42	37	98	6	-	-	7	7	11
U.S. SHIP 'C'	52° 48′	35° 30′	1005	+17	290	35	ps₀	c	37	46	28	59	2	-	-	6	6	14
U.S. SHIP 'D'	44° 00′	41° 00′	1008	-31	110	21	r₀r₀	r	43	58	43	59	-	2	-	0	8	9½
WEATHER OBSERVER	55° 54′	07° 36′	1003	+25	190	19	o/d	d	49	48	47	97	6	-	-	8	8	16
NEWFOUNDLAND	51° 00′	24° 00′	1003	+18	270	40	c/ph	bc	42	53	34	98	9	7	-	4	6	14
CUMULUS	48° 00′	08° 00′	1019	-18	200	17	c	c	50	52	43	65	5	-	-	8	8	13

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 00′	18° 54′	984	+16	240	32	c	c	40	50	38	98	3	-	-	7	7	24
MERMOZ	52° 36′	20° 06′	1001	00	230	25	bc	p	45	48	36	70	9	-	1	4	4	14
CIRRUS	45° 00′	15° 54′	1014	+09	290	22	b	bc	54	55	46	70	9	-	-	2	2	11
POLAR FRONT	65° 54′	01° 48′E	995	-31	140	24	r₀r₀	d	43	43	43	95	6	2	-	8	8	8
BARON RENFREW	47° 12′	17° 36′	1010	+04	220	24	bc	bc	52	55	43	98	2	-	2	4	5	*
WEATHER OBSERVER	55° 24′	06° 42′	1003	+06	180	23	cr₀	c	48	47	46	98	5	-	-	8	8	3
WEATHER WATCHER	61° 48′	32° 12′	957	-19	350	25	c	c	41	42	38	98	6	-	-	5	6	13
U.S. SHIP 'D'	44° 00′	41° 00′	1003	+07	050	17	c	p	50	57	46	63	2	-	-	7	7	9½
U.S. SHIP 'C'	52° 48′	35° 30′	1004	-02	290	32	bc	p	38	46	26	63	2	-	-	5	5	14
PORT LINCOLN	43° 48′	23° 00′	1018	-02	290	16	c	bc	55	58	47	99	8	7	-	4	6	19

† CLOUD AMOUNT in eighths (9= sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Tuesday 25th January

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◐ Sky 2/8 covered ◑ Sky 3/8 covered ◐ Sky 4/8 covered ◑ Sky 5/8 covered ◐ Sky 6/8 covered ◑ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

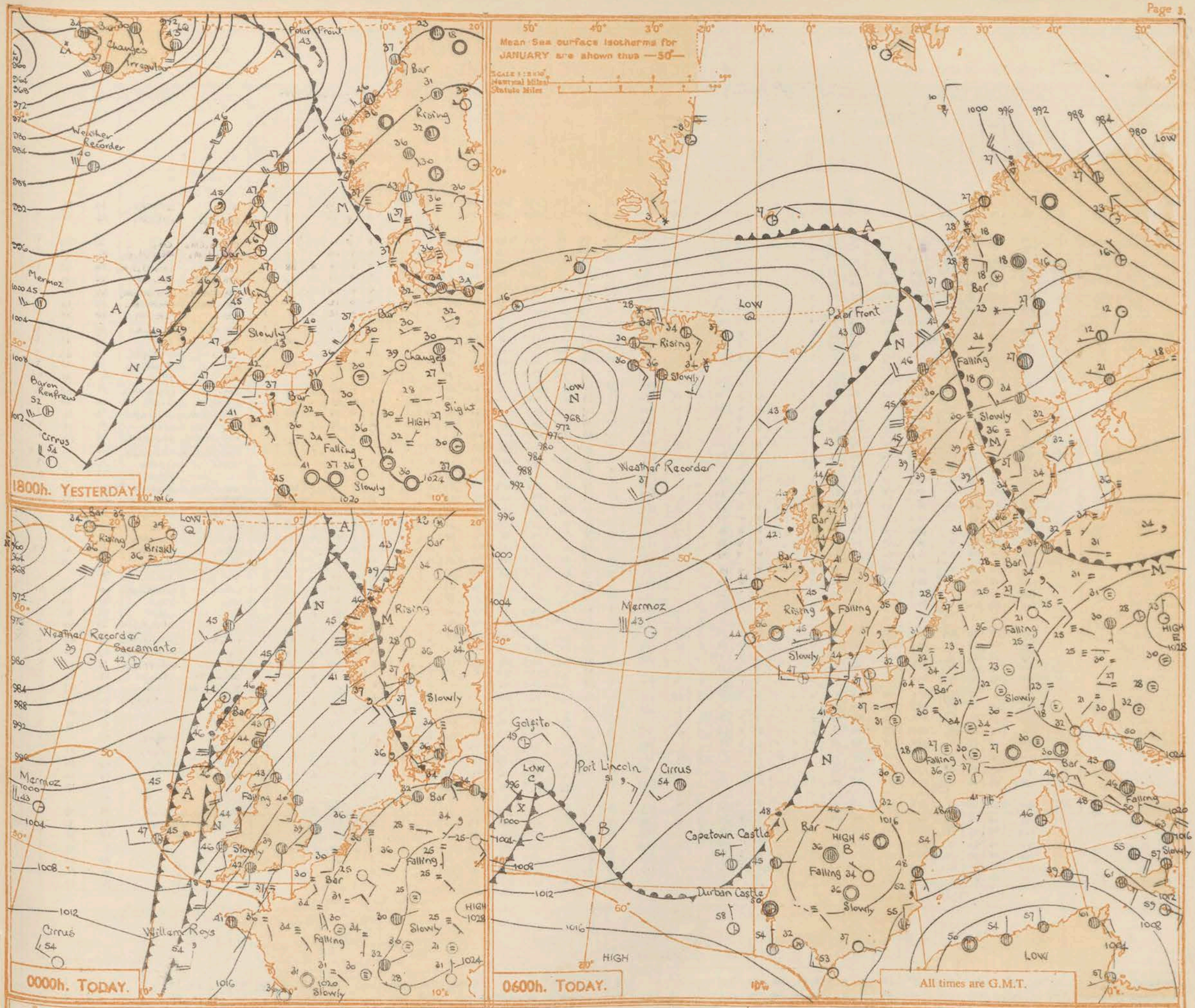
WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⅓ Thunderstorm T Thunder ≡ Fog — Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

A cold front trough which approached the British Isles from the west is moving rather slowly east and may not clear the extreme southeast. A depression now northeast of the Azores is expected to cross central or southern districts of England tomorrow.

Issued at Mid-day to-day Wednesday 26th January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Cloudy weather with rain or drizzle in places over eastern districts of Great Britain and Northern Scotland will give way to brighter weather spreading from the west today. This may not reach the extreme southeast and showers will develop in the northern and in some western districts of England and Wales. Rain will reach the southwest tonight and spread to most of England by noon tomorrow. Temperatures will be near normal or a little below. Frost may occur tonight in Scotland and in the North of England.

OUTLOOK FOR the following 24 hours:-

Changeable with rain at times in most areas but also bright intervals.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 26th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form † Low (9)	Cloud: Form † Medium (10)	Cloud: Form † High (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer Amt. 0–8 (13)	Cloud: Main layer † Ht. (14)	Cloud: Lowest layer Amt. 0–8 (15)	Cloud: Lowest layer † Ht. (16)
Kew	18	*	*	*	*	*	*	40	*	*	*	*	*	*	*	*	*
London Airport	82	180	19	66	c/d	161	-10	39	38	6	–	–	8	8	09	2	06
Tangmere ...	53	190	09	57	o	166	-11	39	37	6	–	–	8	8	13	–	–
Bournemouth (Hurn	34	170	09	66	id.	164.8	-22	42	38	6	–	–	8	8	13	–	–
Boscombe Down	414	190	05	48	d.d.	15·6	-18	39	38	6	–	–	8	8	03	–	–
Felixstowe ...	10	210	11	56	c/d	16·8	-07	38	37	6	–	–	8	8	07	–	–
Gorleston ...	5	190	12	58	c	17·2	-02	39	36	5	–	–	8	8	20	–	–
West Raynham	250	210	09	61	c	15·1	-12	39	37	5	–	–	8	8	16	–	–
Mildenhall ...	15	220	06	50	c	15·5	-09	42	37	5	–	–	8	8	20	–	–
Cranfield ...	340	230	16	60	c	14·8	-15	39	35	5	–	–	8	8	16	–	–
Elmdon ...	324	170	07	62	o	13·1	-17	39	36	6	–	–	8	8	15	–	–
Cottesmore ...	440	200	12	58	c	14·2	-16	39	33	5	–	–	7	7	15	–	–
Watnall ...	366	200	08	57	c	13·1	-17	40	37	5	–	–	8	8	22	–	–
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	180	13	57	c	117	-15	41	36	5	–	–	8	8	20	–	–
Bristol	192	170	06	48	c/d	13·8	-21	40	39	5	–	–	8	8	19	2	10
Plymouth ...	90	200	13	63	d.d.	12·4	-22	46	43	6	–	–	8	8	20	–	–
Chivenor ...	20	130	13	32	d.r.	11·9	-18	42	40	6	–	–	8	8	15	5	11
St. Eval...	336	180	14	48	d.d.	10·6	-21	46	45	6	–	–	8	8	12	–	–
Culdrose ...	260	190	20	58	d.d.	11·5	-19	47	44	5	–	–	8	8	10	4	08
Scilly, St. Mary's	158	180	21	57	id.	08·4	-24	48	45	6	–	–	8	8	08	–	–
Guernsey ...	340	170	12	58	o	16·3	-13	38	35	6	–	–	8	8	11	–	–
Aberporth ...	375	160	17	58	id.	08·8	-25	43	38	6	–	–	8	8	29	3	15
Pembroke Dock	34	170	12	66	c	09·9	-18	46	42	5	–	–	8	8	30	–	–
Holyhead (Valley)	32	170	23	58	ir.	07·1	-23	44	42	6	–	–	8	8	27	3	12
Manchester ...	248	180	15	61	c	10·9	-21	42	37	5	–	–	8	8	25	–	–
Squires Gate ...	33	140	13	40	c	09·6	-16	42	39	6	–	–	8	8	30	1	20
Silloth	25	170	10	66	c	07·3	-20	45	41	5	–	–	8	8	30	–	–
Lindholme ...	21	180	10	48	c	12·0	-21	43	36	5	–	–	8	8	27	–	–
Spurn Head ...	29	190	13	48	o	13·9	-03	40	38	6	–	–	8	8	10	–	–
Dishforth ...	105	160	13	40	c	10·6	-20	42	37	5	–	–	8	8	26	–	–
Tynemouth ...	108	230	07	57	c	09·4	-18	43	36	5	–	–	7	7	30	–	–
Leuchars ...	36	230	03	66	c	08·3	-15	44	40	5	–	–	8	8	35	5	22
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	200	20	56	id.	04·2	-22	47	43	6	–	–	8	8	22	2	15
West Freugh ...	50	170	19	58	c	04·7	-17	46	44	5	–	–	8	8	40	5	14
Ronaldsway ...	55	170	22	56	o	07·3	-16	45	42	6	–	–	8	8	10	–	–
Tiree	29	180	30	58	ir.	07·8	-17	46	45	5	2	–	8	6	18	–	–
Benbecula ...	18	210	06	48	r.r.	07·4	-17	43	43	6	–	–	8	8	21	4	12
Stornoway ...	10	–	0	32	d.d.	07·2	-16	44	44	6	–	–	8	8	20	5	09
Cape Wrath ...	367	230	09	02	rr	07·9	-01	46	46	–	–	–	9	–	–	–	–
Sule Skerry ...	43	230	02	80	r.r.	07·5	-16	47	42	6	–	–	8	8	10	–	–
Renfrew ...	28	170	13	48	id.	04·5	-20	46	42	6	–	–	8	8	23	4	15
Dyce	185	190	18	63	b	03·5	-18	43	39	5	–	–	2	2	15	–	–
Wick	119	160	14	83	c	09·8	-16	46	40	–	3	8	7	–	–	4	58
Lerwick ...	269	180	14	74	b	09·6	-11	45	44	–	–	–	0	–	–	–	–
Blacksod Point	18	240	02	56	r.r.	02·1	-05	43	43	7	–	–	8	8	09	–	–
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	160	18	66	c	02·3	-21	46	42	5	–	–	8	8	30	5	15
Castle Archdale	225	170	08	59	rr	00·6	-08	45	43	5	–	–	8	8	25	2	06
Birr Castle ...	231	250	09	59	r.r.	02·9	-02	44	42	5	–	–	8	8	31	3	07
Collinstown ...	226	160	14	66	c	04·6	-19	46	43	5	–	–	8	8	20	3	19
Rinecanna ...	10	230	08	74	ir.	04·2	+06	44	43	5	–	–	8	8	23	–	–
Valentia ...	30	250	09	75	b.	04·8	+01	47	42	5	–	–	5	5	19	–	–
Midleton ...	30	210	10	66	r.r.	05·1	+03	45	44	6	–	–	8	8	13	–	–

OBSERVATIONS at 06 h. G.M.T. 26th January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form † Low (25)	Cloud: Form † Medium (26)	Cloud: Form † High (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer Amt. 0–8 (29)	Cloud: Main layer † Ht. (30)	Cloud: Lowest layer Amt. 0–8 (31)	Cloud: Lowest layer † Ht. (32)	09h. State of ground † (33)
Kew	190	09	80	id.	137	-05	39	35	6	–	–	8	8	10	–	–	1
London Airport	170	10	62	d.d.	13·5	-07	37	35	6	–	–	8	8	14	–	–	1
Tangmere ...	160	09	40	o	14·1	-09	37	33	6	–	–	8	8	11	–	–	1
Bournemouth (Hurn	160	14	66	o	12·1	-13	42	37	6	–	–	8	8	10	–	–	1
Boscombe Down	180	09	56	c	12·9	-10	38	36	6	–	–	8	8	18	4	08	1
Felixstowe ...	220	13	58	c	14·8	-08	36	33	5	–	–	8	8	13	–	–	1
Gorleston ...	190	12	56	o	14·6	-13	35	32	–	2	–	8	8	19	–	–	1
West Raynham	210	13	66	c	12·8	-09	37	35	5	–	–	8	8	12	–	–	1
Mildenhall ...	210	07	59	c	13·2	-07	39	34	5	–	–	8	8	16	–	–	1
Cranfield ...	160	13	63	c	12·0	-14	38	34	5	–	–	6	6	36	–	–	1
Elmdon ...	180	10	62	c	09·9	-14	39	36	6	–	–	8	8	15	2	08	1
Cottesmore ...	160	12	48	bc	11·3	-09	37	34	5	–	–	4	4	25	–	–	1
Watnall ...	190	07	58	bc	10·2	-14	38	37	5	–	–	5	5	41	1	14	1
Ross-on-Wye ...	170	10	57	id.	09·4	-14	41	38	6	–	–	8	8	10	–	–	1
Shawbury ...	180	19	59	bc	07·3	-20	42	38	5	–	–	3	3	40	–	–	1
Bristol	190	15	59	o	10·3	-11	42	39	6	–	–	8	8	07	–	–	1
Plymouth ...	250	13	58	d/r	09·7	-11	47	46	6	–	–	8	8	25	4	08	1
Chivenor ...	200	09	32	d/r	09·3	-07	45	45	6	–	–	8	8	12	1	04	1
St. Eval...	240	09	59	b/r	09·4	+10	45	45	6	–	–	1	1	12	–	–	1
Culdrose ...	220	08	69	c	10·4	+03	46	46	2	–	–	7	7	15	2	12	1
Scilly, St. Mary's	270	13	66	b/pr	08·7	+03	47	43	8	–	–	3	3	10	–	–	2
Guernsey ...	170	12	48	o	13·5	-08	41	39	6	–	–	8	8	09	–	–	1
Aberporth ...	230	14	58	c/d	07·3	+02	44	44	5	–	–	7	7	36	1	05	1
Pembroke Dock	230	06	66	d/r	08·2	+03	45	43	5	–	–	6	6	18	–	–	1
Holyhead (Valley)	250	12	48	r.r.	04·9	+01	45	43	6	–	–	8	8	17	5	13	1
Manchester ...	170	20	59	c	07·1	-17	41	37	5	–	–	8	8	11	2	07	2
Squires Gate ...	150	18	48	ir.	05·5	-18	41	38	6	–	–	8	8	30	5	21	1
Silloth	180	22	66	c	02·5	-23	45	41	5	–	–	8	8	30	–	–	1
Lindholme ...	170	14	48	bc	08·9	-20	39	35	5	–	–	5	5	45	–	–	1
Spurn Head ...	170	15	56	bc	12·0	-08	39	36	5	–	–	4	4	20	–	–	0
Dishforth ...	160	17	57	ir.	07·4	-15	40	36	5	–	–	8	8	20	–	–	1
Tynemouth ...	200	22	58	c	05·0	-25	41	37	5	–	–	7	7	25	–	–	1
Leuchars ...	200	13	66	c	00·6	-23	44	40	5	–	–	8	8	43	2	25	1
Eskdalemuir ...	190	15	56	d.d.	02·2	-20	40	40	6	–	–	8	8	06	–	–	1
Prestwick ...	200	12	40	r.r.	99·9	-16	45	43	6	–	–	8	8	14	2	08	1
West Freugh ...	250	15	56	rr	01·4	-08	43	41	6	–	–	8	8	35	3	08	1
Ronaldsway ...	250	17	61	r.r.	03·4	+12	44	42	6	2	–	8	8	23	6	10	1
Tiree	280	10	57	r.r.	97·6	+03	42	41	7	2	–	8	8	30	6	16	1
Benbecula ...	210	07	58	r.r.	96·3	-01	41	41	6	2	–	8	8	30	4	15	1
Stornoway ...	210	06	56	d.d.	95·6	-02	40	40	6	–	–	8	8	27	2	12	2
Cape Wrath ...	230	09	56	rr	94·6	-07	42	40	6	–	–	8	8	20	–	–	2
Sule Skerry ...	180	09	40	r.r.	94·0	-16	45	43	6	–	–	8	8	10	–	–	2
Renfrew ...	200	13	57	ir	99·4	-13	44	43	6	–	–	8	8	20	5	12	2
Dyce	180	20	58	id.	99·2	-22	42	39	6	–	–	7	6	12	–	–	3
Wick	140	15	66	c	96·3	-24	45	40	5	–	–	8	8	30	–	–	2
Lerwick ...	190	14	63	c	96·2	-16	43	43	6	–	–	8	8	07	6	04	2
Blacksod Point	260	09	70	j.p	02·6	+02	44	36	5	–	–	4	4	15	–	–	2
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	210	14	56	d.r.	01·4	+06	41	41	6	–	–	8	8	30	5	11	1
Castle Archdale	240	07	74	b/r	02·2	+14	42	39	5	–	–	2	2	24	–	–	1
Birr Castle ...	190	03	80	b	05·6	+23	39	39	–	–	–	0	–	–	–	–	0
Collinstown ...	260	15	74	c	04·6	+11	43	41	6	–	–	6	6	30	3	10	1
Rinecanna ...	210	11	82	b	06·2	+13	42	38	2	–	–	1	1	25	–	–	1
Valentia ...	220	07	80	b	06·7	+03	44	35	–	–	–	0	–	–	–	–	1
Midleton ...	–	0	66	b	07·8	+17	36	35	–	–	–	0	–	–	–	–	1

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Weather: 21h.–03h. (70)	Weather: 03h.– 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h. 09h. – mm. (43)
Kew	c	cid.cm.	38	36	Tr
London Airport	cm.id.c	cid.cm.	37	36	Tr
Tangmere ...	cid.m.cm.	cm.	36	36	Tr
Bournemouth (Hurn	cm.id.m.	Cd.d.m.	40	37	Tr
Boscombe Down	cd.d.m.	cm.cd.d.m.	38	35	Tr
Felixstowe ...	om.id.m.	om.cid.	35	34	Tr
Gorleston ...	om.id.m.	id.m.om.	35	34	Tr
West Raynham	cm.cm.c	cbebbc.m.	34	30	-
Mildenhall ...	cm.c	cm.bm.	38	32	-
Cranfield ...	cm.d.	cm.bc.m.	35	33	Tr
Elmdon ...	ccid.	coir.	39	37	Tr
Cottesmore ...	ccm.	cm.bc.m.	36	33	-
Watnall ...	cm.	cm.ir.c.m.	38	37	Tr
Ross-on-Wye ...	o	ad.oc	41	39	0.1
Shawbury ...	cm.	ccirm.cm.	39	38	Tr
Bristol	cir.cid.c	cir.d.	40	38	1
Plymouth ...	cid.d.d.m.	ir.d.m.bc	43	35	1
Chivenor ...	cm.id.m.	ir.d.m.c	41	38	1
St. Eval...	ccid.m.o.d.	od.d.s.r.m.	43	39	2
Culdrose ...	omidd.d.id.	od.d.ir.cb	42	35	0.4
Scilly, St. Mary's	oidrr	rrprbc	46	*	2
Guernsey ...	c	cid.r	37	37	0.1
Aberporth ...	cid.d.d.m.	od.d.ir.m.	41	38	2
Pembroke Dock	cir.	cr.d.m.bc	43	39	3
Holyhead (Valley)	cr.d.cm.	cm.cir.b	42	40	1
Manchester ...	c	ccir.	40	39	Tr
Squires Gate ...	cm.	cr.r.cm.	41	39	1
Silloth	cid.c	ccr.r.m.	42	41	0.5
Lindholme ...	cz.	cbccm.	38	35	-
Spurn Head ...	o	bc	39	*	-
Dishforth ...	cm.	cir.m.cm.	40	38	0.1
Tynemouth ...	cm.	cm	40	36	-
Leuchars ...	c	cir.	43	41	Tr
Eskdalemuir ...	c	od.d.m.rim.	39	38	5
Prestwick ...	cid.m.o	cid.r.s.m.c	43	42	2
West Freugh ...	ccir.	cd.d.rrbc	43	39	3
Ronaldsway ...	r.d.o.id.	oid.rr.r.bc	43	41	2
Tiree	cm.ir.rr	cr.r.pr	40	36	7
Benbecula ...	orrcr.r.m.	cr.r.bcc	39	37	9
Stornoway ...	cd.d.	cd.d.r.r.	40	39	8
Cape Wrath ...	orrf	crr	40	40	11
Sule Skerry ...	*	*	41	38	5
Renfrew ...	cid.c	cr.r.cr.	43	41	3
Dyce	cbcm.	cid.m.	41	37	Tr
Wick	bcc	ccir.	43	42	Tr
Lerwick ...	cir.bc	c	42	-36	Tr
Blacksod Point	r	p	41	37	8
Malin Head ...	*	*	41	*	4
Aldergrove ...	cr.r.m.	cr.r.b	38	36	2
Castle Archdale	crrcr.r.r.	cr.r.b	37	32	2
Birr Castle ...	r	p	38	31	5
Collinstown ...	d	r	41	38	2
Rinecanna ...	r	p	39	34	2
Valentia ...	r	p	41	36	6
Midleton ...	d	r	30	22	2

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
MERMOZ	51°30′	20°0′	1001	+00	270	24	b	p	43	52	34	70	9	–	–	1	1	13
WEATHER RECORDER	58°54′	19°12′	984	-13	220	30	b	p	39	49	36	98	2	–	–	1	1	22½
SACRAMENTO	59°48′	13°0′	987	+00	230	13	bc	bc	42	48	41	98	5	7		2	3	6½
CAPETOWN CASTLE	39°36′	12°0′	1017	-02	360	09	bc	bc	57	61	45	99	7	–	–	5	5	X
CIRRUS	45°0′	16°0′	1015	-04	280	13	b	b	54	57	41	65	–	–	–	0	0	9½
WEATHER WATCHER	61°48′	32°12′	963	+39	360	25	ir.	r	50	53	38	98	5	–	–	8	8	11
US SHIP 'C'	52°48′	35°30′	1007	+19	280	31	ps	p	36	44	30	68	5	–	–	8	8	14
US SHIP 'D'	44°0′	41°0′	1010	+30	360	08	bc	p	51	58	42	63	5	–	–	5	5	6½
WILLEM RUYS	47°18′	06°30′	1014	-10	180	22	d.d.	c	54	54	45	98	X	X	X	8	8	6½
AVISTONE	40°36′	09°30′	1017	-00	210	02	b	b	65	58	47	98	–	–	–	0	1	11½

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
MERMOZ	52°36′	19°48′	1000	-06	270	30	b	p	43	51	32	70	–	–	3	0	1	13
WEATHER RECORDER	58°54′	19°24′	982	-07	230	18	b	b	37	49	27	98	–	–	–	0	0	13
DURBAN CASTLE	38°24′	11°42′	1016	-02	340	07	bc	b	58	58	48	99	–	–	1	0	3	11½
POLAR FRONT	66°0′	01°54′	994	+03	210	14	c	c	43	43	41	98	5	–	–	8	8	5
CIRRUS	45°12′	15°24′	1010	-24	220	13	c	c	54	55	41	60	5	–	–	8	8	8
PORT LINCOLN	45°18′	19°42′	1005	-40	110	16	dd	c	51	55	47	98	7	–	–	6	8	X
US SHIP 'C'	52°48′	35°30′	1005	-07	290	26	ps	p	37	44	39	61	5	–	–	5	5	8
US SHIP 'D'	44°0′	41°0′	1009	-19	140	03	c	c	51	57	40	63	4	–	–	8	8	6
GOLFITO	46°6′	26°36′	999	-30	050	12	bc	r	41	61	37	98	1	–	–	3	3	21
CAPETOWN CASTLE	41°6′	11°0′	1013	-19	360	09	c	bc	54	59	52	99	7	–	–	6	6	X

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*Information not usually received.

† Code figure (see Introduction)

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

No. 3A03A

Date of Issue Thursday 27th January 1955

OBSERVATIONS at 12h. G.M.T. 26th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer Ht. † (16)
Kew	200	11	30	id$_o$	13·0	-04	42	38	6	-	-	8	8	80	3	12
London Airport	180	13	48	id$_o$	13·2	-01	40	38	6	-	-	8	8	15	7	12
Tangmere	190	08	37	id$_o$	13·8	+00	42	39	6	-	-	8	8	06	-	-
Bournemouth (Hurn	190	11	28	c/d	12·3	-00	45	44	6	-	-	8	8	08	6	06
Boscombe Down	180	06	17	dd	12·8	-02	40	40	6	-	-	8	8	01	-	-
Felixstowe	230	10	56	c	13·2	-06	38	34	5	-	-	8	8	11	-	-
Gorleston	210	11	58	c	13·8	-03	37	32	5	-	-	8	8	19	-	-
West Raynham	180	14	37	cido	11·6	-03	38	36	6	-	-	8	8	10	3	06
Mildenhall	210	10	23	id$_o$	12·6	+02	40	36	6	-	-	8	8	22	4	10
Cranfield	200	15	56	c	12·0	+03	39	36	6	-	-	8	8	14	4	07
Elmdon	200	08	44	0	10·8	+05	42	40	6	-	-	8	8	08	-	-
Cottesmore	210	13	40	c	11·6	+04	38	36	6	-	-	8	8	20	7	05
Watnall	210	12	32	c	10·6	+05	41	39	6	-	-	8	8	40	6	14
Ross-on-Wye	190	08	48	ci	10·4	+10	45	42	6	-	-	8	8	08	-	-
Shawbury	230	10	72	bc	09·4	+06	49	40	1	3	-	5	3	22	-	-
Bristol	170	06	19	cd$_o$	11·3	+07	45	43	6	-	-	8	7	05	-	-
Plymouth	190	02	65	bc	11·6	+06	51	46	2	-	2	3	3	20	-	-
Chivenor	240	02	80	bc	10·9	+04	52	45	2	-	1	3	2	15	-	-
St. Eval	190	08	66	b	11·0	+05	49	45	2	-	1	2	2	18	-	-
Culdrose	220	05	76	bc	11·3	+03	50	44	2	3	5	3	1	15	-	-
Scilly, St. Mary's	-	0	82	b	10·0	+05	51	43	2	-	5	2	1	22	-	-
Guernsey	180	14	56	c/r	13·6	+04	43	43	6	-	-	8	6	04	3	02
Aberporth	200	04	80	b	09·6	+03	48	44	8	-	1	2	1	15	-	-
Pembroke Dock	240	04	74	bc	10·0	+06	50	44	2	-	1	3	2	20	-	-
Holyhead (Valley)	210	04	74	b	09·0	+21	47	43	2	-	-	1	1	18	-	-
Manchester	220	11	56	bc	09·0	+09	46	41	8	-	-	4	4	30	3	22
Squires Gate	240	13	56	c	08·2	+14	44	42	5	-	-	6	6	25	-	-
Silloth	210	11	66	bc	06·8	+23	45	42	8	-	-	3	2	25	1	14
Lindholme	200	10	25	0	09·4	+06	43	39	6	-	-	8	8	10	-	-
Spurn Head	200	16	60	c	08·3	+01	40	36	6	-	-	6	6	20	-	-
Dishforth	230	14	37	c	08·0	+13	45	40	8	-	-	6	5	30	3	15
Tynemouth	250	09	32	c	06·5	+18	47	41	5	4	-	6	6	35	-	-
Leuchars	250	15	74	b	02·2	+23	46	37	1	-	-	1	1	20	-	-
Eskdalemuir	230	10	66	bc	05·0	+18	42	40	1	-	-	5	5	11	-	-
Prestwick	210	16	66	b	04·5	+22	46	42	2	-	-	2	2	23	-	-
West Freugh	220	13	68	b	05·7	+20	45	39	1	-	1	1	1	15	-	-
Ronaldsway	250	12	86	b	07·2	+16	47	41	1	-	-	1	1	15	-	-
Tiree	230	11	80	b/pr	00·4	+13	44	38	3	6	-	1	1	18	-	-
Benbecula	230	07	74	bc/pr	98·7	+17	40	35	9	-	-	3	3	12	-	-
Stornoway	220	13	81	bc	97·6	+15	42	37	3	-	-	5	5	15	-	-
Cape Wrath	230	13	83	ir$_o$	95·9	+08	41	39	8	-	-	7	7	20	-	-
Sule Skerry	250	13	81	ir$_o$	95·5	+14	43	41	6	-	-	8	8	10	-	-
Renfrew	230	11	66	b	03·8	+24	46	40	2	-	-	1	1	22	-	-
Dyce	240	13	84	b	99·9	+16	47	38	5	4	-	2	1	25	-	-
Wick	260	10	86	do$_o$	97·4	+22	41	38	2	2	-	7	7	60	1	20
Lerwick	230	23	58	rr	93·1	-12	42	38	=1	=1	=1	8	8	09	-	-
Blacksod Point	200	13	80	jp	03·7	+07	47	35	9	-	-	1	1	15	-	-
Malin Head	270	13	79	c/pr	03·2	+14	41	37	9	-	-	6	6	21	-	-
Aldergrove	200	16	74	b	05·1	+10	43	39	1	-	5	1	1	20	-	-
Castle Archdale	190	02	82	bc	04·5	-09	44	37	2	-	2	3	1	20	-	-
Birr Castle	210	08	83	bc	07·1	+03	45	37	5	-	6	3	1	40	-	-
Collinstown	250	15	78	b	07·4	+07	46	37	1	3	2	1	1	19	-	-
Rineanna	160	10	85	bc	07·7	+04	45	38	3	-	2	3	1	25	-	-
Valentia	200	08	85	c	07·2	-02	43	40	8	3	5	6	3	30	1	21
Midleton	-	0	64	c	08·3	-06	45	43	5	-	2	7	1	32	-	-

OBSERVATIONS at 18h. G.M.T. 26th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of † ground (33)	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	180	05	20	o/r	12·3	+02	43	41	6	-	-	8	8	10	-	-	1	cid$_o$m$_o$	cid$_o$i$_o$r$_o$m$_o$	44	0.0	Tr
London Airport	170	07	20	do$_o$	12·3	+12	42	41	6	-	-	8	8	05	-	-	1	cm$_o$d$_o$d$_o$m$_o$	cm$_o$d$_o$d$_o$m$_o$	48	*	Tr
Tangmere	200	08	12	dd	12·9	+02	43	43	6	-	-	8	8	01	-	-	2	cm$_o$cd$_o$d$_o$m$_o$	cd$_o$d$_o$m$_o$	44	0.0	1
Bournemouth (Hurn	160	06	10	c	11·5	+01	45	44	6	-	-	7	7	20	3	08	1	cd$_o$d$_o$m$_o$	cm$_o$	47	*	1
Boscombe Down	190	01	23	c	12·4	00	44	44	6	-	-	8	8	18	3	02	1	cd$_o$d$_o$m$_o$i$_o$m$_o$	cid$_o$m$_o$cm$_o$	45	0.0	1
Felixstowe	210	05	40	0	13·6	+06	39	38	6	-	-	8	8	24	-	-	2	cid$_o$m$_o$	o$_o$m$_o$r$_o$	39	0.0	0·1
Gorleston	190	07	32	0	13·5	+08	39	36	6	-	-	8	8	16	-	-	0	o$_o$m$_o$	o$_o$m$_o$	40	0·0	-
West Raynham	-	0	19	0	11·9	+03	39	37	6	-	-	8	8	09	-	-	1	bc$_o$i$_o$d$_o$cm$_o$	cm$_o$m	39	0·4	Tr
Mildenhall	200	05	14	e	12·4	+06	41	38	6	-	-	8	8	10	4	08	1	cm$_o$ci$_o$d$_o$m$_o$cm$_o$	cm$_o$cm	42	0·5	Tr
Cranfield	180	02	32	0	11·7	+03	42	39	6	-	-	8	8	05	-	-	1	oci$_o$d$_o$m$_o$	ci$_o$d$_o$m$_o$of	42	0.0	Tr
Elmdon	130	02	28	c	10·9	+04	42	40	5	-	-	7	5	25	5	07	1	o$_o$cm$_o$	cm$_o$	44	0.0	-
Cottesmore	180	06	28	0	11·6	+05	39	37	6	-	-	8	8	05	-	-	1	cm$_o$	cm$_o$bm$_o$f	41	0.0	-
Watnall	-	0	08	cf+	11·3	+09	41	41	5	-	-	8	8	32	-	-	1	cm$_o$	cm$_o$cm$_o$f	44	0.0	-
Ross-on-Wye	090	02	48	b	09·6	-05	43	40	5	-	1	1	1	30	-	-	1	cm$_o$o$_o$	c$_o$b$_o$c$_o$m$_o$m	47	0·2	-
Shawbury	160	07	70	bc	10·0	+06	41	39	4	-	1	6	1	25	-	-	1	bbc	bc$_o$m$_o$w	51	4·6	-
Bristol	-	0	12	b	10·4	-01	40	40	-	4	1	1	-	-	1	60	1	cid$_o$c	c$_o$b$_o$b$_o$m	48	0·1	0·2
Plymouth	170	02	56	bc	10·0	-06	45	43	2	4	5	5	1	20	-	-	1	c$_o$b$_o$c$_o$b	bcm$_o$w$_o$ci$_o$r$_o$m$_o$	52	0·7	Tr
Chivenor	120	06	74	bc	09·7	-05	48	44	2	-	1	5	4	18	-	-	1	c$_o$b$_o$c	b$_o$c$_o$c	52	2·7	-
St. Eval	130	09	83	c	09·4	+00	44	44	2	3	6	6	1	18	-	-	1	b$_o$c$_o$b	b$_o$c$_o$c$_o$m$_o$w	52	6·1	Tr
Culdrose	150	07	69	c	09·7	-07	46	43	2	7	-	7	5	57	1	10	1	b$_o$b$_o$c	b$_o$c$_o$b$_o$c$_o$i$_o$d$_o$	52	6·7	Tr
Scilly, St. Mary's	160	07	74	c	07·7	-10	48	44	8	-	-	7	7	14	-	-	1	b$_o$b$_o$c$_o$c	b$_o$c$_o$b$_o$c	54	4·3	-
Guernsey	160	08	40	c	12·1	-02	45	41	5	7	-	8	6	15	-	-	1	cd$_o$r$_o$d$_o$r$_o$	cid$_o$	45	2·0	1
Aberporth	210	08	72	bc	09·7	+06	41	40	5	-	8	3	1	18	-	-	1	b$_o$c$_o$b	b$_o$b$_o$c$_o$f$_o$m$_o$o	51	5·7	-
Pembroke Dock	-	0	66	bc	09·8	+04	44	43	-	-	1	3	-	-	1	70	1	b$_o$c	b$_o$b$_o$c$_o$j$_o$f$_o$m$_o$c	51	6·2	-
Holyhead (Valley)	190	04	82	c	09·0	+06	42	39	1	-	4	6	1	20	-	-	1	b	b$_o$c$_o$b$_o$c	47	7·0	-
Manchester	180	07	19	b	09·5	+08	41	39	5	-	1	1	1	30	-	-	1	ci$_o$r$_o$b$_o$c	b$_o$c$_o$b$_o$c$_o$b$_o$c	48	1·8	Tr
Squires Gate	110	04	21	bc	09·8	+08	34	34	-	3	6	3	-	-	1	60	1	cm$_o$b$_o$b$_o$c$_o$m$_o$	b$_o$m$_o$f$_o$x	46	4·1	-
Silloth	200	10	66	b	09·1	+21	40	40	8	-	1	2	1	25	-	-	1	cr$_o$r$_o$m$_o$b	b$_o$b$_o$c	46	4·7	0·2
Lindholme	130	08	08	bc/f+	10·7	+13	40	39	5	3	-	5	4	40	-	-	1	cm$_o$	cm$_o$b$_o$b$_o$c$_o$f$_o$f	45	0·4	-
Spurn Head	200	09	56	bc	11·3	+04	40	39	5	-	-	4	4	20	-	-	0	b$_o$c$_o$c	c$_o$b$_o$c	41	0·2	-
Dishforth	170	06	32	b	09·8	+09	38	35	-	-	-	1	-	-	1	70	1	cm$_o$b$_o$c$_o$z$_o$	-z$_o$b$_o$m$_o$	49	2·1	-
Tynemouth	250	05	32	b	09·3	+22	43	37	-	-	9	1	-	-	1	70	1	cm$_o$cm$_o$	b$_o$c$_o$z$_o$b$_o$m$_o$	47	2·0	-
Leuchars	230	07	56	b	06·3	+26	39	35	-	-	1	1	-	-	1	70	1	ci$_o$r$_o$b	b	46	5·1	Tr
Eskdalemuir	190	03	66	c	08·8	+26	39	38	2	-	-	7	7	14	-	-	1	b$_o$c$_o$b	c$_o$p$_o$r$_o$b$_o$c$_o$m	43	3·8	0·3
Prestwick	200	10	48	c	07·3	+19	42	37	-	4	6	7	-	-	2	59	1	cb	b$_o$c$_o$c$_o$m$_o$	46	6·1	-
West Freugh	190	07	66	c	07·5	+15	43	39	1	4	6	7	1	25	-	-	1	b$_o$c$_o$b	b$_o$b$_o$c$_o$a$_o$b	47	6·6	-
Ronaldsway	200	09	82	c	08·7	+11	44	40	6	4	6	7	1	13	-	-	1	b$_o$c$_o$b$_o$b$_o$c	b$_o$c$_o$b$_o$w	47	6·3	-
Tiree	230	14	66	jp	03·4	+19	42	37	3	6	3	7	6	17	-	-	1	b$_o$c$_o$p$_o$r$_o$p$_o$r$_o$h	b$_o$b$_o$c$_o$p$_o$r$_o$c	45	4·6	2
Benbecula	210	14	74	bc/ps	00·8	+16	40	36	9	6	-	3	1	20	-	-	1	c$_o$p$_o$r$_o$a$_o$p$_o$r$_o$b$_o$c	b$_o$c$_o$m$_o$p$_o$s$_o$r$_o$b$_o$c	45	4·0	2
Stornoway	210	12	80	pr$_o$	00·5	+18	40	35	3	-	-	4	4	18	-	-	2	cr$_o$r$_o$b$_o$c$_o$p$_o$r	b$_o$c$_o$p$_o$r$_o$b	44	3·8	1
Cape Wrath	230	13	82	ph$_o$	99·8	+28	40	32	9	-	-	5	5	25	-	-	2	ir	p$_o$h$_o$	43	*	7
Sule Skerry	230	13	82	bc	99·1	+21	42	37	2	-	-	3	3	20	-	-	1			45	*	1
Renfrew	210	09	67	bc	07·0	+21	42	36	1	-	8	5	1	25	-	-	1	c$_o$p$_o$r$_o$b$_o$c	b$_o$m$_o$c	46	4·8	0·3
Dyce	240	08	89	b	04·8	+22	37	31	5	7	-	1	1	30	-	-	5	c$_o$i$_o$d$_o$b$_o$y	b	48	5·2	Tr
Wick	200	05	86	b	02·1	+28	37	32	2	-	-	1	1	20	-	-	2	cr$_o$r$_o$d$_o$d$_o$o	b	45	2·8	1
Lerwick	250	21	82	b	98·3	+31	41	37	5	-	-	1	1	25	-	-	2	crr	ci$_o$r$_o$c$_o$p$_o$r$_o$b	43	0.0	6
Blacksod Point	240	07	70	pr$_o$	04·0	+04	45	39	9	-	-	7	7	15	-	-		bc	p	48	5·0	0·5
Malin Head	180	05	59	c	04·7	+10	42	31	5	-	-	7	7	21	-	-					4·4	0·1
Aldergrove	180	08	69	c	07·0	+15	39	36	5	-	2	7	2	25	-	-	1	p	p$_o$	45	5·8	-
Castle Archdale	200	07	82	pr$_o$	06·2	+10	41	38	8	-	2	7	5	22	-	-	1	bbcc	cpr$_o$	45	4·7	0·6
Birr Castle	180	04	82	c	06·7	+02	42	36	5	-	6	7	1	35	-	-		b	b$_o$c	48	6·5	Tr
Collinstown	190	04	32	c	08·1	+07	41	35	5	3	2	7	1	36	-	-		b	c	49	6·6	-
Rineanna	130	08	80	c	06·6	-02	44	40	5	7	8	7	5	50	2	28		p	c	48	4·8	Tr
Valentia	130	10	81	c	04·6	-16	45	39	6	7	5	8	1	20	-	-		p	p	50	2·2	3
Midleton	-	0	62	c	06·8	-10	42	39	2	7	-	6	1	23	-	-		p	p$_o$c	49	4·8	Tr

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 00′	19° 12′	982	+06	250	40	c	p	39	49	31	98	3	-	-	6	6	19
MERMOZ	52° 30′	19° 36′	1000	+12	260	16	bc	bc	45	48	36	70	9	5	3	3	3	13
POLAR FRONT	66° 18′	02° 12′E	991	-16	190	12	o	d	45	45	41	97	6	-	-	8	8	3
CIRRUS	45° 36′	14° 30′	1003	-35	180	21	pr$_o$	c	52	54	48	58	9	-	-	8	8	3½
WEATHER WATCHER	61° 42′	32° 06′	978	+26	330	27	c	r	39	42	35	98	3	4	1	8	7	11
U.S. SHIP 'C'	52° 48′	35° 30′	1006	+05	290	22	jp	c	39	44	42	65	2	-	-	5	5	9½
U.S. SHIP 'D'	44° 00′	41° 00′	999	-52	160	28	do$_o$	c	53	58	50	63	5	-	-	8	8	8
NEWFOUNDLAND	51° 24′	31° 12′	1005	+26	300	24	c/ph	p	43	52	27	98	3	7	-	4	6	11
CUMULUS	46° 30′	12° 18′	1007	-20	180	22	c	c	54	55	46	70	8	7	-	4	8	13
BEAVERLAKE	50° 30′	23° 48′	1004	+20	280	18	bc/ps	bc	44	52	31	99	2	-	-	1	4	6½

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	† Visibility	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52° 36′	20° 00′	999	-02	280	18	bc	p	45	48	28	70	9	4	3	3	5	13
WEATHER RECORDER	59° 06′	19° 00′	982	-03	210	38	c	p	42	49	37	98	3	6	-	6	7	19
CIRRUS	45° 54′	13° 42′	990	-06	160	39	c	p	54	53	48	50	8	7	-	7	8	17½
POLAR FRONT	66° 06′	02° 00′E	987	-27	010	14	r$_o$r$_o$	r	39	41	37	96	6	2	-	4	8	3
WEATHER WATCHER	61° 42′	32° 06′	977	+22	360	23	jp	p	40	42	35	98	9	4	3	5	6	9½
U.S. SHIP 'C'	52° 18′	35° 30′	1002	-17	050	10	c	c	40	46	24	69	4	-	-	6	6	6½
U.S. SHIP 'D'	44° 00	41° 00′	988	-29	250	57	r$_o$r$_o$	d	57	58	47	61	7	9	-	8	8	11
MARSEER	46° 12′	07° 06′	1006	-23	160	09	bc	bc	53	55	45	99	1	7	1	1	5	11
GOLFITO	17° 00′	21° 42′	1002	+10	340	24	c	bc	48	59	39	98	1	-	-	6	6	6½
TORRHEAD	50° 48′	26° 00′	1005	-03	300	18	c	bc	45	53	38	98	2	-	-	6	6	3

† CLOUD AMOUNT in eighths (9= sky obscured). CLOUD HEIGHT 01-50 in 100s of feet; 56-80 subtract 50 to give height in 1000s of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-89 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Wednesday 26th January

1955

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ● Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

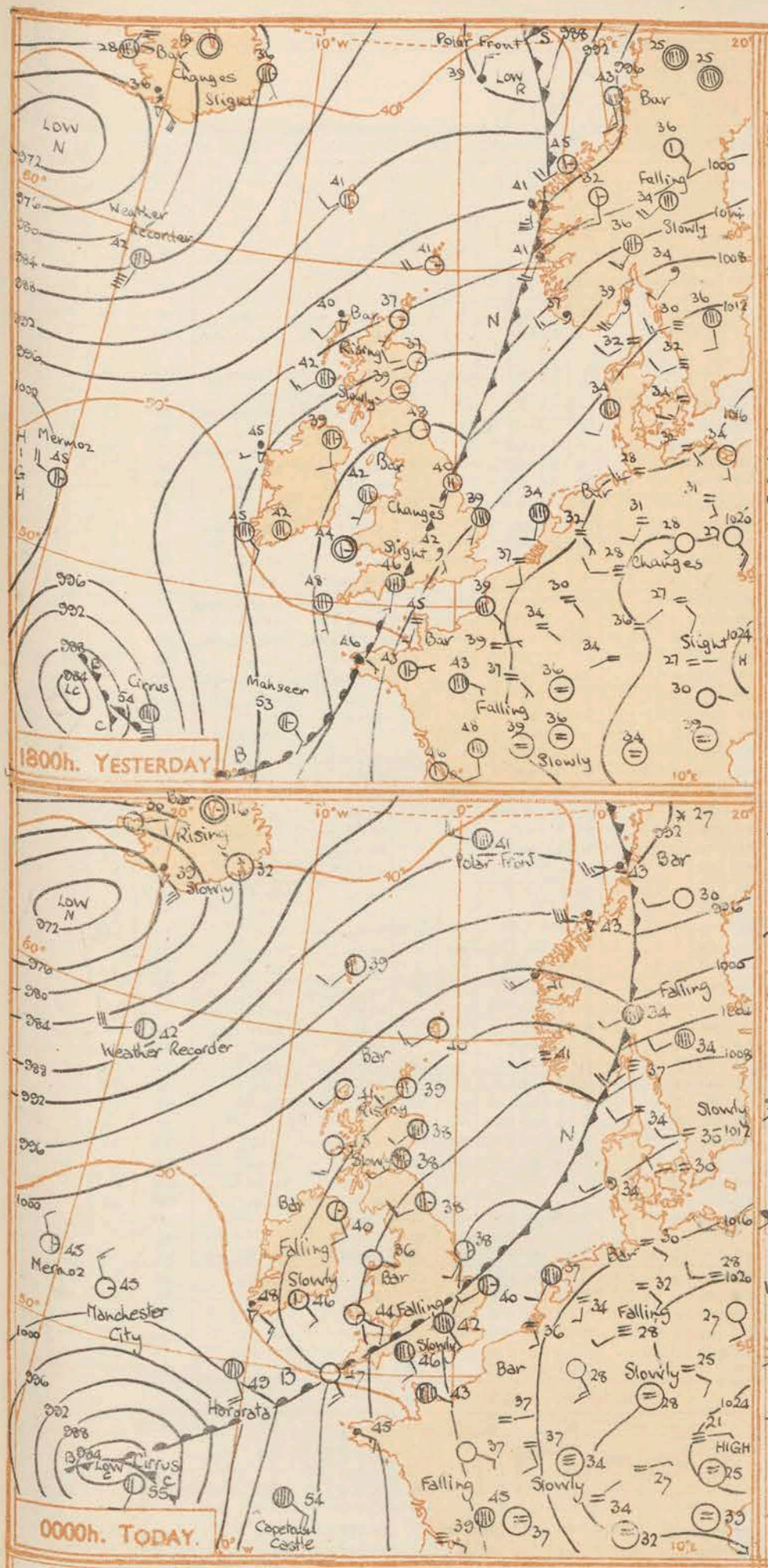
WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog ═ Mist

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.



GENERAL SYNOPTIC DEVELOPMENT:-

Issued at Mid-day today Thursday 27th January 1955

The depression which was approaching from the west slowed down and is now filling up. A cold front trough moved eastward slowly yesterday and later reversed its motion and will continue to move northwards today, probably linking up with another depression moving northeastward over the Atlantic.

FORECAST FOR BRITISH ISLES until noon tomorrow :-

In western and northern areas of the British Isles weather will be cloudy with some rain or drizzle while an area of more general rain will move northwards over these areas. In midland and eastern districts of England and in Southeast Scotland weather will probably be dry. There will be bright intervals in places but in some areas especially Northeastern England fog will persist much of the period and it is likely to become more widespread tonight. Temperatures will be near normal in the west but it will continue rather cold in eastern areas where a few places may have fog tonight.

OUTLOOK FOR the following 24 hours:-

Further rain likely in western and northern areas but probably little change in Eastern England.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 27th January, 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: °F. Dry Bulb (7)	Temp.: °F. Dew point (8)	Cloud: Form Low † (9)	Cloud: Form Medium † (10)	Cloud: Form High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer Amt. 0–8 (13)	Cloud: Main layer † Ht. (14)	Cloud: Lowest layer Amt. 0–8 (15)	Cloud: Lowest layer † Ht. (16)
Kew	18	*	*	*	*	*	*	43	*	*	*	*	*	*	*	*	*
London Airport	82	140	07	20	c/r	11·7	00	42	42	5	-	-	8	8	20	-	-
Tangmere ...	53	090	06	28	c	12·0	-04	42	41	5	-	-	8	8	33	-	-
Bournemouth (Hurn	34	140	05	58	c	10·8	-03	46	43	5	-	-	8	8	34	4	15
Boscombe Down	414	130	02	39	b/r	11·5	-07	41	41	5	-	-	2	2	21	-	-
Felixstowe ...	10	190	06	48	c	13·5	-02	38	38	6	-	-	8	8	15	-	-
Gorleston ...	5	230	06	36	bc	13·7	+02	40	39	6	-	-	5	5	15	-	-
West Raynham	250	180	03	17	c	12·4	+05	39	39	6	-	-	8	9	30	6	07
Mildenhall ...	15	190	05	08	ir$_o$	12·1	-03	42	41	6	-	-	8	8	05	-	-
Cranfield ...	340	160	04	11	d$_o$r$_o$	11·6	+02	41	41	6	-	-	8	8	33	6	06
Elmdon ...	324	-	0	04	f+	10·7	-06	40	40	-	-	-	9	9	00	-	-
Cottesmore ...	440	140	05	01	jf	11·7	-02	39	39	-	-	-	9	-	-	-	-
Watnall ...	366	-	0	04	f+	11·5	-02	39	39	-	-	-	9	8	00	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	130	04	14	c	09·8	-06	41	41	6	-	-	8	8	03	-	-
Bristol	192	160	06	48	c	10·0	-07	43	43	5	3	-	7	6	35	-	-
Plymouth ...	90	130	04	40	r$_o$r$_o$	07·9	-11	47	44	7	-	-	8	8	29	3	15
Chivenor ...	20	120	12	66	bc	07·7	-15	45	43	3	-	-	3	3	49	-	-
St. Eval... ...	336	140	17	48	r$_o$r$_o$	06·2	-18	46	44	7	2	-	8	8	31	3	11
Culdrose ...	260	130	18	60	dd	06·7	-18	46	45	6	2	-	8	8	15	6	10
Scilly, St. Mary's	158	140	15	63	b	03·4	-26	47	45	5	-	-	8	8	14	-	-
Guernsey ...	340	160	12	58	bc	09·5	-14	44	39	5	-	-	5	5	44	-	-
Aberporth ...	375	130	09	58	bc	07·3	-14	42	40	-	4	8	5	-	-	1	59
Pembroke Dock	34	110	10	66	bc	07·9	-12	44	42	-	-	8	3	-	-	3	75
Holyhead (Valley)	32	110	01	81	b	07·2	-16	36	34	-	-	-	0	-	-	-	-
Manchester ...	248	120	09	17	c	09·9	-03	41	39	6	-	-	8	8	17	6	05
Squires Gate ...	33	110	08	F2	f+	09·0	-07	36	35	-	-	-	9	-	-	-	-
Silloth	25	130	04	37	b	08·7	-04	37	34	5	-	-	1	1	30	-	-
Lindholme ...	21	140	04	02	c+	11·2	+01	39	39	3	-	-	8	8	40	-	-
Spurn Head ...	29	200	04	24	bc	11·5	+04	38	38	5	-	-	3	3	30	-	-
Dishforth ...	105	160	06	F5	f+	10·9	+03	36	36	-	-	-	9	-	-	-	-
Tynemouth ...	108	230	08	32	bc	09·7	+08	38	33	-	7	-	5	5	57	-	-
Leuchars ...	36	220	03	58	c	07·2	-04	38	35	-	-	6	7	-	-	7	75
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	160	08	62	b	07·1	00	42	38	-	-	-	0	-	-	-	-
West Freugh ...	50	150	03	66	b	06·8	-05	41	39	6	-	-	1	1	15	-	-
Ronaldsway ...	55	140	13	68	c	07·7	-07	43	39	5	7	-	7	2	30	-	-
Tiree	29	190	17	80	b	03·7	+04	43	39	2	-	-	1	1	20	-	-
Benbecula ...	18	200	11	80	b	01·6	+05	43	37	2	-	-	2	2	30	-	-
Stornoway ...	10	200	13	83	b	01·9	+07	41	36	-	-	-	0	-	-	-	-
Cape Wrath ...	367	230	13	83	b	01·4	+08	40	35	9	-	-	1	1	25	-	-
Sule Skerry ...	43	230	19	82	b	01·7	+16	43	38	-	-	-	0	-	-	-	-
Renfrew ...	28	070	02	61	bc	07·0	-01	40	37	6	-	-	3	3	35	-	-
Dyce	185	210	06	74	c	06·6	+01	38	33	5	-	-	8	8	56	-	-
Wick	119	200	10	83	bc	03·7	+01	39	35	2	-	-	4	4	20	-	-
Lerwick ...	269	230	17	80	b	02·3	+24	40	37	-	-	-	0	-	-	-	-
Blacksod Point	18	170	10	70	b	03·0	-04	44	40	9	-	-	2	2	15	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	160	10	66	bc	05·8	-10	40	36	6	1	-	3	3	10	-	-
Castle Archdale	225	-	0	74	bc	05·1	-04	38	36	5	-	-	3	3	35	-	-
Birr Castle ...	231	150	07	81	b	04·1	-16	42	37	5	-	-	1	1	35	-	-
Collinstown ...	226	140	05	74	c	06·7	-09	41	37	5	3	2	7	1	33	-	-
Rineanna ...	10	120	13	74	c	03·9	-17	43	40	5	3	-	7	3	40	-	-
Valentia ...	20	130	15	78	pr$_o$	01·3	-17	48	41	2	1	-	8	3	20	-	-
Midleton ...	30	150	06	66	b	03·7	-16	46	44	5	-	-	2	2	26	-	-

06h. G.M.T. 27th January 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: °F. Dry Bulb (23)	Temp.: °F. Dew point (24)	Cloud: Form Low † (25)	Cloud: Form Medium † (26)	Cloud: Form High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer Amt. 0–8 (29)	Cloud: Main layer † Ht. (30)	Cloud: Lowest layer Amt. 0–8 (31)	Cloud: Lowest layer † Ht. (32)	09h. State of ground † (33)
Kew	080	02	20	c	09·0	-10	41	39	6	-	-	8	8	20	-	-	1
London Airport	070	04	48	c	08·6	-15	41	39	5	-	-	8	8	35	-	-	1
Tangmere ...	110	06	32	c/d	08·9	-13	43	41	6	-	-	8	8	12	-	-	1
Bournemouth (Hurn	110	05	58	c	07·2	-14	42	41	6	-	-	7	6	10	-	-	1
Boscombe Down	120	05	25	b	08·5	-13	37	37	-	-	-	0	-	-	-	-	1
Felixstowe ...	120	08	56	c	11·5	-06	39	38	-	2	-	8	-	-	8	80	2
Gorleston ...	210	10	38	c	12·3	-03	39	37	6	-	-	7	7	13	-	-	1
West Raynham	150	05	15	bc/r	10·1	-06	38	38	5	-	-	3	3	28	-	-	1
Mildenhall ...	170	03	48	b	09·2	-12	39	39	-	-	-	0	-	-	-	-	1
Cranfield ...	090	06	17	b	09·0	-12	36	35	-	-	-	0	-	-	-	-	1
Elmdon ...	130	03	48	b	07·8	-11	38	38	3	-	-	1	1	30	-	-	1
Cottesmore ...	150	07	28	c	08·4	-08	39	39	5	-	-	8	8	57	-	-	1
Watnall ...	-	0	06	f-	09·0	-11	41	41	-	-	-	9	-	-	-	-	1
Ross-on-Wye ...	100	04	57	b	06·9	-10	39	36	-	-	1	2	-	-	-	-	1
Shawbury ...	160	06	32	bc	07·0	-13	40	38	6	-	-	3	3	12	-	-	1
Bristol	110	06	48	b	07·2	-13	39	37	-	-	1	1	-	-	1	75	1
Plymouth ...	130	10	38	c/r	04·2	-18	45	42	6	-	-	8	8	11	-	-	1
Chivenor ...	120	10	66	bc	04·7	-12	44	39	-	3	-	4	-	-	4	60	1
St. Eval... ...	140	17	40	ir$_o$	02·8	-13	46	45	6	-	-	8	8	06	-	-	1
Culdrose ...	140	12	36	c	03·5	-17	43	46	6	-	-	8	8	15	3	08	2
Scilly, St. Mary's	140	15	63	ir$_o$	00·6	-11	47	45	5	-	-	8	8	10	-	-	1
Guernsey ...	160	14	40	c	06·3	-13	45	40	5	-	-	6	6	44	-	-	1
Aberporth ...	150	17	38	c	03·2	-19	43	38	5	7	-	3	2	25	-	-	1
Pembroke Dock	120	11	66	c/r	03·8	-15	45	42	-	2	-	8	8	34	-	-	1
Holyhead (Valley)	150	08	66	r$_o$r$_o$	03·5	-19	44	40	5	-	-	8	8	40	2	25	1
Manchester ...	150	11	48	c	06·9	-11	41	41	6	-	-	8	8	13	5	09	1
Squires Gate ...	120	12	20	c	06·2	-13	40	40	6	-	-	8	8	07	-	-	1
Silloth	070	04	60	c	06·4	-14	35	33	5	-	-	8	8	30	-	-	1
Lindholme ...	130	27	02	f	08·8	00	39	39	-	-	-	9	-	-	-	-	1
Spurn Head ...	150	08	F0	f	09·7	-06	39	39	-	-	-	9	-	-	-	-	0
Dishforth ...	-	0	F7	f-	08·6	-10	36	36	-	-	-	9	-	-	-	-	1
Tynemouth ...	210	06	F5	f	08·4	-08	36	36	-	-	-	9	-	-	-	-	1
Leuchars ...	-	0	56	c	06·6	-10	33	33	-	-	-	7	-	-	3	60	1
Eskdalemuir ...	-	C	66	c	06·9	-08	33	32	5	-	-	8	8	14	-	-	1
Prestwick ...	120	09	60	c	05·4	-15	41	38	5	-	-	8	8	50	-	-	1
West Freugh ...	110	19	14	c	04·2	-14	41	41	7	-	-	8	8	04	-	-	1
Ronaldsway ...	120	14	60	c	04·9	-17	43	41	5	-	-	8	8	21	-	-	1
Tiree	160	18	66	c	01·8	-14	44	40	5	-	6	7	3	25	-	-	1
Benbecula ...	170	20	66	bc	00·6	-11	43	39	5	-	-	4	4	25	-	-	1
Stornoway ...	190	21	74	bc/pr	01·3	-07	43	39	2	-	1	2	1	18	-	-	2
Cape Wrath ...	230	13	83	pr$_o$	01·6	+03	41	33	8	-	-	4	4	25	-	-	1
Sule Skerry ...	230	19	82	bc	02·1	+04	44	37	5	-	-	5	5	20	-	-	1
Renfrew ...	070	03	48	c	06·0	-09	39	37	6	7	-	8	4	20	1	10	1
Dyce	210	05	62	c	06·1	00	37	34	5	-	-	7	6	56	1	25	5
Wick	180	11	83	bc	03·8	-02	40	35	5	-	2	3	1	20	-	-	2
Lerwick ...	220	15	81	b	03·2	+06	39	36	-	-	-	0	-	-	-	-	1
Blacksod Point	180	01	32	Crr	98·6	-23	43	41	7	-	-	8	8	11	-	-	2
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	120	08	60	c	02·7	-23	42	42	6	7	-	8	8	10	-	-	2
Castle Archdale	190	04	74	c	00·8	-22	40	38	5	-	-	6	6	17	-	-	1
Birr Castle ...	140	08	80	c	99·9	-18	44	42	-	2	-	8	-	-	8	59	1
Collinstown ...	160	13	62	d$_o$r$_o$	02·8	-17	44	43	6	-	-	8	8	09	7	05	1
Rineanna ...	130	11	69	ir$_o$	99·7	-18	45	42	5	-	-	8	8	28	2	10	1
Valentia ...	160	07	58	r$_o$r$_o$	97·9	-11	45	43	6	2	-	8	2	11	-	-	2
Midleton ...	120	10	66	c	99·3	-21	45	44	6	-	-	8	8	19	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h.–03h. (30)	Weather: 03h.– 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h. 09h. mm. (43)
Kew	cr$_o$ir$_o$m$_o$	o cm$_o$	41	35	0·5
London Airport	cm$_o$r$_o$r$_o$m$_o$cm$_o$	bm$_o$cm cm$_o$	39	33	0·4
Tangmere ...	cm$_o$	cid$_o$m$_o$	40	38	1
Bournemouth (Hurn	cir$_o$m$_o$cm$_o$	cm$_o$	39	31	0·1
Boscombe Down	cm$_o$ir$_o$m$_o$bm	cm$_o$bm$_o$cm$_o$	37	33	1
Felixstowe ...	or$_o$r$_o$m$_o$	om$_o$	38	34	0·1
Gorleston ...	om$_o$	odod$_o$m$_o$cm$_o$	38	33	TR
West Raynham	cmid$_o$moddf	oddfc rrrm	37	31	1
Mildenhall ...	cm$_o$f ir$_o$	crr cm$_o$	37	34	1
Cranfield ...	ofcr$_o$dom	cm$_o$	35	31	1
Elmdon ...	cm$_o$f	cm$_o$bcm$_o$	37	29	-
Cottesmore ...	firf	irfcm$_o$f	35	35	1
Watnall ...	cfof	ofcm	38	35	-
Ross-on-Wye ...	omcm$_o$	bcm$_o$	38	29	-
Shawbury ...	bcm$_o$wowow	oir$_o$mwcmw	39	33	TR
Bristol	mw bc	cbcm	36	30	-
Plymouth ...	crrbccm$_o$	cm$_o$ir$_o$cm$_o$	43	40	2
Chivenor ...	bccir$_o$	ccm$_o$	42	39	TR
St. Eval... ...	cm$_o$wcr$_o$r$_o$m$_o$c	cir$_o$m$_o$cdd$_o$c	44	40	1
Culdrose ...	oir$_o$id$_o$	oid$_o$ dd	44	35	2
Scilly, St. Mary's	bcco	oir$_o$	46	*	0·1
Guernsey ...	bcb	bbcbc	43	38	-
Aberporth ...	cm$_o$cid$_o$m$_o$	cir$_o$m$_o$cm$_o$	41	37	TR
Pembroke Dock	cbcc	cir$_o$c	44	38	1
Holyhead (Valley)	bbcc	cr$_o$r$_o$c	35	31	0·5
Manchester ...	bcbc	c	38	35	TR
Squires Gate ...	bf FFcm	cm$_o$m$_o$	30	27	-
Silloth	bbcm$_o$	bccm$_o$	33	30	-
Lindholme ...	cff off	off	35	32	-
Spurn Head ...	bcm	bc FF	37	*	-
Dishforth ...	bm FF	FF	31	28	-
Tynemouth ...	bcm$_o$bm	FF	34	28	-
Leuchars ...	bccm$_o$	bbccm$_o$x	33	28	-
Eskdalemuir ...	bc	c	32	30	-
Prestwick ...	cbcm$_o$bc	ccm$_o$	38	34	-
West Freugh ...	bcbw	cwfcmir$_o$	39	32	TR
Ronaldsway ...	bwc	ccrr r$_o$r$_o$	34	28	2
Tiree	cbc b	bbcc	41	38	-
Benbecula ...	bbcbw	bcw c	39	36	-
Stornoway ...	bbcpr$_o$	cpr$_o$c	40	35	TR
Cape Wrath ...	b	bcprc	38	33	2
Sule Skerry ...	*	*	41	36	-
Renfrew ...	cir$_o$c	cm$_o$	37	32	0·1
Dyce	ccm$_o$	ccm$_o$	35	27	-
Wick	bbcc	cbcc	38	33	-
Lerwick ...	b	bbc	38	-~~26~~	-
Blacksod Point	*	*	41	40	5
Malin Head ...	*	*	38	-	-
Aldergrove ...	cbcc	cir$_o$m$_o$rr	38	36	1
Castle Archdale	bc	ccir$_o$	37	34	0·1
Birr Castle ...	bc	r	39	35	TR
Collinstown ...	c	d	37	28	0·1
Rineanna ...	bc	d	~~40~~	37	0·1
Valentia ...	p	p	42	39	6
Midleton ...	bc	r	45	42	0·1

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F Air	Temp.: °F Sea	Temp.: °F Dew Point	Visibility †	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
MERMOZ	32°24′	20°12′	1001	00	300	12	bc	b	45	51	28	70	5	-	-	3	3	8
WEATHER RECORDER	39°0′	19°18′	986	+26	260	32	bc	p	42	49	40	98	2	-	-	4	4	16
POLAR FRONT	66°6′	01°54′E	988	+24	290	27	c/r	r	41	48	37	98	*	*	*	8	8	5
CIRRUS	45°42′	14°0′	986	+10	190	06	bc/r	r	55	56	52	65	5	-	-	4	4	14
WEATHER WATCHER	61°48′	32°18′	982	+27	020	30	c	c	37	41	31	98	3	-	-	8	8	13
U.S. SHIP "C"	52°48′	35°30′	991	-78	090	32	c	c	39	48	32	65	5	-	-	8	8	6½
U.S. SHIP "D"	44°0′	41°0′	993	00	250	33	bc	c	44	60	42	60	5	-	-	5	5	23½
CAPETOWN CASTLE	46°0′	07°6′	1001	-21	130	19	c	b	54	55	48	99	7	-	-	8	8	×
MANCHESTER CITY	51°24′	17°12′	1000	-03	320	13	b	c	45	50	31	98	1	-	-	1	1	×
HORORATA	49°54′	10°6′	1001	-30	160	19	c/pr	c	49	52	43	98	5	-	-	8	8	6½

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: °F Air	Temp.: °F Sea	Temp.: °F Dew Point	Visibility †	Cloud: Form † Low	Cloud: Form † Med.	Cloud: Form † High	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
MERMOZ	32°30′	20°6′	997	-24	230	08	b	r	48	49	30	70	-	-	-	0	0	6½
WEATHER RECORDER	39°6′	19°12′	997	+09	250	28	bc	p	41	49	31	98	2	-	-	4	4	16
POLAR FRONT	66°6′	02°0E	994	+30	270	23	b	b	41	45	37	99	5	-	-	1	1	6½
CUMULUS	43°36′	14°36′	993	+48	330	45	c	p	52	56	46	65	1	-	-	6	6	16
WEATHER WATCHER	61°42′	32°18′	985	+10	350	25	ps$_o$	p	34	41	28	97	3	-	-	8	8	11
U.S. SHIP "C"	52°48′	35°30′	975	-71	070	40	d$_o$d$_o$	r	39	48	38	58	-	2	-	8	8	11
U.S. SHIP "D"	44°0′	41°0′	993	+10	250	38	c	c	44	57	39	59	5	-	-	7	7	35
CIRRUS	46°48′	11°48′	991	+20	130	12	c	r	54	55	48	60	5	-	-	7	7	14
VMTATA	41°6′	10°18′	990	+04	260	12	b	c	56	56	48	98	8	-	-	2	2	13
WAIWERA	47°6′	08°0′	994	-30	160	35	c	c	54	54	48	98	8	-	-	7	7	5

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*Information not usually received.

† Code figure (see introduction)

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34035 — Date of Issue. Friday 28th January 1955

OBSERVATIONS at 12h. G.M.T. 27th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer † Ht. (16)
Kew	170	08	28	c	07·7	-10	45	42	–	3	–	6	–	–	–	–
London Airport	180	11	37	bc	07·8	-06	46	42	5	4	4	5	3	20	–	–
Tangmere	150	11	48	bc	08·2	-06	48	44	7	3	2	5	3	08	–	–
Bournemouth (Hurn	140	07	50	c	06·9	-04	47	44	5	–	–	7	5	35	3	10
Boscombe Down	180	04	35	c	07·9	-03	45	43	–	3	6	7	–	–	3	60
Felixstowe	200	08	23	o	10·1	-05	39	38	6	–	–	8	8	10	–	–
Gorleston	160	10	48	jp	10·3	-13	40	37	6	–	–	7	7	09	–	–
West Raynham	170	13	50	o	08·8	-10	40	38	6	–	–	8	8	07	–	–
Mildenhall	190	09	50	o	08·4	-08	42	38	6	–	–	8	8	08	–	–
Cranfield	170	10	19	bc	07·6	-09	44	39	6	3	–	4	1	08	–	–
Elmdon	130	04	28	c	06·4	-14	42	39	6	–	–	8	7	08	–	–
Cottesmore	130	07	28	c	08·5	-06	40	38	5	7	–	7	4	25	–	–
Watnall	150	06	23	c	07·6	-08	41	38	6	3	–	7	7	16	–	–
Rosson-Wye	200	08	48	c	05·3	-12	45	39	–	7	7	8	–	–	6	58
Shawbury	140	09	37	c	06·4	-12	41	38	6	7	–	8	1	07	–	–
Bristol	160	12	40	c	06·0	-06	45	41	5	–	–	7	7	40	–	–
Plymouth	130	11	63	c	04·1	-03	51	45	5	3	2	6	1	10	–	–
Chivenor	120	18	59	c	03·5	-07	49	45	6	3	–	7	1	12	–	–
St. Eval	160	17	61	c	02·6	00	50	46	0	3	–	6	2	12	–	–
Culdrose	150	14	62	c	03·4	00	50	45	6	3	–	6	1	12	–	–
Scilly, St. Mary's	160	18	60	c	00·4	+11	51	49	5	–	–	8	8	10	–	–
Guernsey	140	14	63	c	03·9	-06	48	44	–	3	2	6	–	–	5	62
Aberporth	160	15	58	ir	01·7	-15	44	41	5	7	–	8	6	30	2	20
Pembroke Dock	120	11	58	c/r	02·7	-08	46	44	7	2	–	8	8	45	5	10
Holyhead (Valley)	160	15	66	ir	01·7	-08	46	40	5	7	–	8	6	35	–	–
Manchester	170	12	32	c	05·3	-10	43	36	5	7	7	7	1	30	–	–
Squires Gate	150	16	28	c	04·2	-10	43	38	5	3	7	8	2	50	–	–
Silloth	130	12	48	c	03·7	-13	44	37	5	7	–	8	1	30	–	–
Lindholme	150	09	40	c	07·5	-06	42	39 (40)	–	3	–	7	–	–	7	58
Spurn Head	120	15	40	c	08·3	-13	41	40	–	7	–	7	–	–	7	39
Dishforth	130	14	19	c/f	06·5	-11	42	41	6	3	–	6	4	04	–	–
Tynemouth	170	09	F9	f	06·8	-10	40	40	–	–	–	9	–	–	–	–
Leuchars	110	02	56	c	04·2	-11	40	37	–	2	–	8	–	–	8	60
Eskdalemuir	170	05	62	ir	04·1	-11	39	37	5	–	–	8	8	21	–	–
Prestwick	140	13	56	ir	02·3	-11	42	39	6	2	–	8	6	12	1	09
West Freugh	130	13	19	rr	01·5	-13	42	42	7	2	–	8	8	20	5	07
Ronaldsway	140	16	56	rr	02·0	-15	44	41	6	2	–	8	8	30	2	12
Tiree	160	26	30	r s	01·7	-17	44	42	5	2	–	8	6	18	2	12
Benbecula	150	24	61	ir	00·7	-21	44	42	6	–	–	8	8	22	5	11
Stornoway	150	22	74	ir	00·7	-19	44	36	5	2	–	8	8	50	5	30
Cape Wrath	180	05	82	c	00·2	-14	43	29	5	7	–	7	4	25	–	–
Sule Skerry	180	05	82	c	01·0	-08	44	39	5	–	–	8	8	15	–	–
Renfrew	150	10	10	ir	03·0	-14	42	38	6	7	–	8	6	22	4	15
Dyce	190	08	28	c	04·4	-17	41	39	6	–	–	8	7	57	–	–
Wick	150	12	68	c	02·3	-12	42	37	–	1	7	8	–	–	7	04
Lerwick	180	12	74	c	03·9	-03	41	39	5	4	7	8	3	60	1	28
Blacksod Point	320	04	80	qr	00·7	+10	42	39	8	–	–	7	4	19	–	–
Malin Head	160	13	64	o	97·6	-12	44	40	6	–	–	8	8	11	–	–
Aldergrove	150	16	59	ir	00·1	-14	44	41	6	–	–	8	8	18	5	09
Castle Archdale	130	02	66	r	98·2	-10	43	42	6	2	–	8	7	12	2	09
Birr Castle	190	03	71	r s	98·3	-03	44	42	6	2	–	7	7	28	6	14
Collinstown	160	10	32	r s	00·5	-11	44	42	6	–	–	8	8	08	3	06
Rineanna	150	07	74	c/r	98·6	-04	46	44	5	7	–	7	6	37	2	28
Valentia	340	08	80	c/r	98·5	+12	45	41	4	–	–	7	7	38	2	10
Midleton	060	04	61	r	98·1	-10	45	43	7	2	–	8	8	35	2	17

OBSERVATIONS at 18h. G.M.T. 27th January 1955

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	140	03	22	bc	06·0	-00	44	40	5	7	–	5	1	25	–	–	1
London Airport	130	06	11	c	05·5	-04	43	40	–	7	7	7	–	–	2	66	1
Tangmere	090	05	20	c	05·8	-08	43	41	–	–	8	7	–	–	7	75	1
Bournemouth (Hurn	150	09	56	c	04·4	+00	45	43	–	3	2	7	–	–	3	60	1
Boscombe Down	170	05	18	c	05·3	+01	43	42	–	3	2	6	–	–	2	59	0
Felixstowe	120	06	21	c	07·7	-07	39	29	5	–	–	8	8	18	–	–	1
Gorleston	180	10	20	o	08·6	+03	39	37	6	–	–	8	8	08	–	–	1
West Raynham	140	08	17	c	06·7	-03	39	38	6	–	–	7	7	04	–	–	1
Mildenhall	140	06	28	c	06·4	-03	40	40	–	7	6	7	–	–	6	62	1
Cranfield	140	03	20	c	05·7	+00	41	37	6	3	8	7	4	06	–	–	1
Elmdon	110	02	23	c	06·8	-03	44	41	–	7	–	8	–	–	8	59	1
Cottesmore	130	09	11	c	06·3	+01	40	40	–	–	8	7	–	–	7	70	1
Watnall	150	02	19	o	05·2	-02	42	40	–	–	–	9	–	–	–	–	1
Rosson-Wye	180	06	48	c	02·6	-08	47	40	–	7	–	7	–	–	7	58	1
Shawbury	130	09	37	c/d	02·8	-05	44	40	5	7	2	7	4	35	–	–	1
Bristol	120	08	28	c	03·5	-01	43	40	6	7	8	7	1	10	–	–	1
Plymouth	160	05	48	bc	02·6	-06	47	45	5	5	2	6	1	15	–	–	1
Chivenor	120	06	61	c	02·1	-04	48	44	5	7	–	7	5	28	–	–	1
St. Eval	140	11	58	c	01·1	-11	48	47	6	–	–	7	7	08	–	–	1
Culdrose	170	14	50	c	02·3	-04	48	46	5	7	–	6	5	40	1	10	1
Scilly, St. Mary's	160	13	57	c	99·6	-04	50	48	5	–	–	7	7	10	–	–	1
Guernsey	160	36	60	b	04·5	+09	48	46	–	+	1	1	–	–	–	–	1
Aberporth	170	17	59	c	00·6	-02	47	42	6	–	–	7	7	40	6	15	1
Pembroke Dock	170	03	59	c	01·3	-02	49	45	6	–	–	8	8	40	1	20	1
Holyhead (Valley)	170	14	37	d s	98·9	-08	46	44	6	2	–	8	8	40	2	10	2
Manchester	150	15	28	c/f	02·6	-03	44	39	5	7	–	7	5	35	–	–	2
Squires Gate	140	18	23	c/r	00·9	-14	43	41	5	7	–	8	7	50	1	18	2
Silloth	080	06	19	rr	00·0	-15	42	41	7	–	–	8	8	09	–	–	2
Lindholme	120	06	19	ir	04·5	-03	41	41	6	2	–	8	8	30	2	10	1
Spurn Head	140	11	24	c	06·2	-06	39	39	6	–	–	7	7	10	–	–	1
Dishforth	150	14	16	rr	03·7	-06	40	40	6	–	–	8	8	05	–	–	1
Tynemouth	190	16	32	r s	02·9	-12	42	40	6	–	–	8	8	20	–	–	1
Leuchars	160	04	23	r s	98·7	-18	40	38	7	2	–	8	8	20	4	10	2
Eskdalemuir	170	08	56	r s	00·1	-13	38	38	7	–	–	8	8	06	–	–	2
Prestwick	120	07	58	r s	98·4	-12	42	39	5	7	–	8	4	40	1	12	2
West Freugh	110	15	16	rr	97·2	-22	42	42	6?	–	–	8	8	05	–	–	2
Ronaldsway	190	23	40	d s	98·4	-16	46	45	6	–	–	8	8	07	5	04	1
Tiree	320	08	74	c	96·7	+14	49	36	5	–	–	7	7	15	–	–	1
Benbecula	320	15	74	c	95·3	+18	40	36	5	–	–	8	8	20	–	–	1
Stornoway	190	27	62	r s	98·1	-20	42	41	5	2	–	8	7	18	2	11	2
Cape Wrath	180	09	82	o	98·3	-25	41	34	6	–	–	8	8	30	–	–	2
Sule Skerry	140	19	82	rr	94·6	-30	44	39	6	–	–	8	8	10	–	–	1
Renfrew	150	08	40	ir	98·8	-14	41	38	5	7	–	8	5	20	2	18	1
Dyce	180	20	19	r s	98·7	-18	41	39	6	2	–	8	8	18	6	08	1
Wick	140	18	28	rr	97·1	-20	41	39	6	–	–	8	8	15	–	–	2
Lerwick	170	20	64	c	00·3	-19	42	40	5	2	–	8	7	12	–	–	2
Blacksod Point	360	01	80	bc	98·6	+02	41	38	8	–	–	3	3	15	–	–	
Malin Head	320	09	62	c	97·4	+10	42	39	5	–	–	6	6	21	–	–	
Aldergrove	160	02	63	c	97·7	-05	42	41	5	–	–	7	6	23	1	10	2
Castle Archdale	300	05	82	ir	97·6	+02	40	39	5	7	–	7	5	22	–	–	1
Birr Castle	300	01	80	d d	97·7	+07	44	42	6	–	–	8	8	34	5	19	
Collinstown	240	03	01	bc	98·7	+15	42	42	5	–	–	4	4	40	–	–	
Rineanna	310	05	82	bc	98·5	+02	39	37	5	3	–	5	3	22	–	–	
Valentia	080	10	83	c	97·5	-04	44	38	5	–	–	8	8	20	–	–	
Midleton	—	00	66	c	97·9	+03	47	46	6	–	–	7	7	35	3	16	

OBSERVATIONS during DAY

Stations	Weather 09h. to 15h. (24)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cm o2 o	c2 mb c m m o w	47	2·6	–
London Airport	cm o bc m o m cm o	cm o bm w	48	*	–
Tangmere	cm o	cm o cm w	48	3·8	–
Bournemouth (Hurn	cm o	cm o b cm o w	49	*	–
Boscombe Down	cm o	cm o bm	48	0·9	–
Felixstowe	cm o	o m c m o bm o	40	0·0	–
Gorleston	o m o cm o	cm o m o f e	41	0·5	–
West Raynham	cm o	cm o m f o ff	41	0·0	Tr
Mildenhall	cm o	cm o bm	44	0·3	–
Cranfield	cm o bc m o	cm o w	45	2·2	–
Elmdon	cm o	cm o	44	0·2	–
Cottesmore	FF cm o	cm o cm	42	0·3	–
Watnall	cm c m o	cm o m cm	44	0·2	–
Rosson-Wye	bc c m o o c	c c o	49	0·9	–
Shawbury	cm o ir o m o	c i d o m o b c o m o	44	0·0	Tr
Bristol	b c c	c	49	0·6	–
Plymouth	cm o c	cm o bc m o	51	3·2	–
Chivenor	cm o c	c	53	2·1	–
St. Eval	cm o b c c m o c	c c m o bc m o	50	1·2	–
Culdrose	c b c c	c b c c	51	1·5	–
Scilly, St. Mary's	c i r o c	c b c	51	0·2	Tr
Guernsey	b c c b c	b c b w	50	6·3	–
Aberporth	c c r o r o m o	c c m o	48	0·5	Tr
Pembroke Dock	c r o r o m o c m o	c i d o m o	49	0·0	1
Holyhead (Valley)	c r r m o	c r r m o c d d o c r r c m o	47	0·0	7
Manchester	d o c c i r o	c r o r o r r m	44	0·0	0·4
Squires Gate	c m o r o r o r m	c r r m c m o i r o	44	0·0	8
Silloth	c m o r o r o m	c r r m c d o m o	47	0·0	9
Lindholme	o f f c m o	c m o c c i r o m c m	43	0·1	Tr
Spurn Head	c m o	c p r o c m o	41	1·8	Tr
Dishforth	F F c m o	c r r m c m	43	0·0	3
Tynemouth	F F	c m o r o r o m o m o	43	0·0	Tr
Leuchars	c m o i r o	c r o r o m o c m o	43	0·1	1
Eskdalemuir	c o r r m o	o r r m o	40	0·0	11
Prestwick	c c i r o r r m o	c r o r o d o m o	43	0·0	4
West Freugh	c r r m	c r r m b c	45	0·0	12
Ronaldsway	c r o r o c r r	c r o d o c c d o d o	46	0·0	14
Tiree	c m o r r r o r o	c r r o r o m o b c	45	0·0	3
Benbecula	c i r o r o r o c r r	c i r o d b c	44	0·0	4
Stornoway	c c i r o	c r r c b	45	0·0	3
Cape Wrath	i d c	n c	43	*	2
Sule Skerry			45	*	1
Renfrew			42	0·0	5
Dyce	c i f r o r o r n	c r r i r o m o i f	41	0·0	0·3
Wick	c m o	c r o r o i r o c m o	42	0·0	1
Lerwick	c	c m o r r b c	42	0·0	0·5
Blacksod Point	c	n c	45	1·8	6
Malin Head	r	b c	45	0·0	0·4
Aldergrove	r	r	44	0·0	5
Castle Archdale	c r o r o m o r r	c i r o c	44	0·0	1
Birr Castle	r	r	48	0·4	4
Collinstown	r	r	47	0·3	11
Rineanna	r	d	49	0·6	0·3
Valentia	r	p r	47	2·0	6
Midleton	r	r	50	0·7	9

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52°30′	20°18′	993	−32	190	28	ir o	p	43	47	39	60	5	7	–	3	7	8
WEATHER RECORDER	59°0′	19°0′	989	+14	220	24	p s o	p	39	50	37	97	9	–	–	7	7	16
CUMULUS	45°36′	14°42′	1002	+30	320	22	c	c	52	53	43	65	1	4	_	2	6	13
POLAR FRONT	66°24′	02°0′	1001	+25	310	09	jp	c	39	41	36	99	3	5	6	5	6	3
WEATHER WATCHER	61°42′	32°12′	985	−05	320	25	q p s	p	35	41	32	98	3	–	1	7	7	11
US SHIP 'C'	52°5·1′	35°30′	968	−19	090	37	q r	r	46	47	39	73	–	7	8	1	2	16
US SHIP 'D'	44°0′	41°0′	998	+24	270	44	p h o	p	43	58	36	58	2	–	–	6	5	30½
KING WILLIAM	47°54′	33°24′	969	−39	330	52	p r	p	49	54	46	96	7	–	–	8	8	29
CAXTON	49°24′	21°12′	990	−38	160	25	i r o	r	48	54	41	97	7	–	–	8	8	6½
WAIWERA	45°42′	02°42′	997	+10	180	33	c	p	55	55	49	98	8	8	–	5	6	14

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WINDSOR	44°24′	13°24′	1003	+25	310	18	bc	bc	53	54	49	98	5	4	8	2	4	9½
WEATHER RECORDER	59°0′	18°48′	989	+02	250	17	jp	p	40	49	35	98	9	–	–	5	5	16
MANCHESTER REGIMENT	48°12′	28°54′	972	−32	240	27	p R	p	52	55	50	97	4	–	–	6	7	X
BOONAGH HEAD	51°24′	17°0′	989	−40	170	50	R R	r	43	50	43	98	7	–	–	8	8	16
WEATHER WATCHER	61°48′	32°18′	985	+08	010	25	c/p h	p	37	41	32	98	3	3	2	3	7	8
US SHIP 'D'	44°0′	41°0′	1001	+10	270	28	p H	c	42	57	42	59	2	–	–	6	6	30½
MERMOZ	52°30′	20°0′	983	−40	170	50	c	d	45	48	41	60	5	7	–	7	8	13
POLAR FRONT	66°0′	02°0E	1001	+02	180	06	b c p r	p	41	43	37	99	9	6	–	2	3	5
US SHIP 'C'	52°48′	35°30′	970	+24	010	41	r o r s	r	45	47	40	59	–	2	–	8	8	17½
CAPTAIN COOK	48°12′	14°18′	996	−18	180	21	i r o	c	49	54	40	98	5	–	–	8	8	11

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

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Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of Thursday 27th January 1955

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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◕ Sky 5/8 covered ◕ Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ✱ Sleet ⊗ Sky obscured

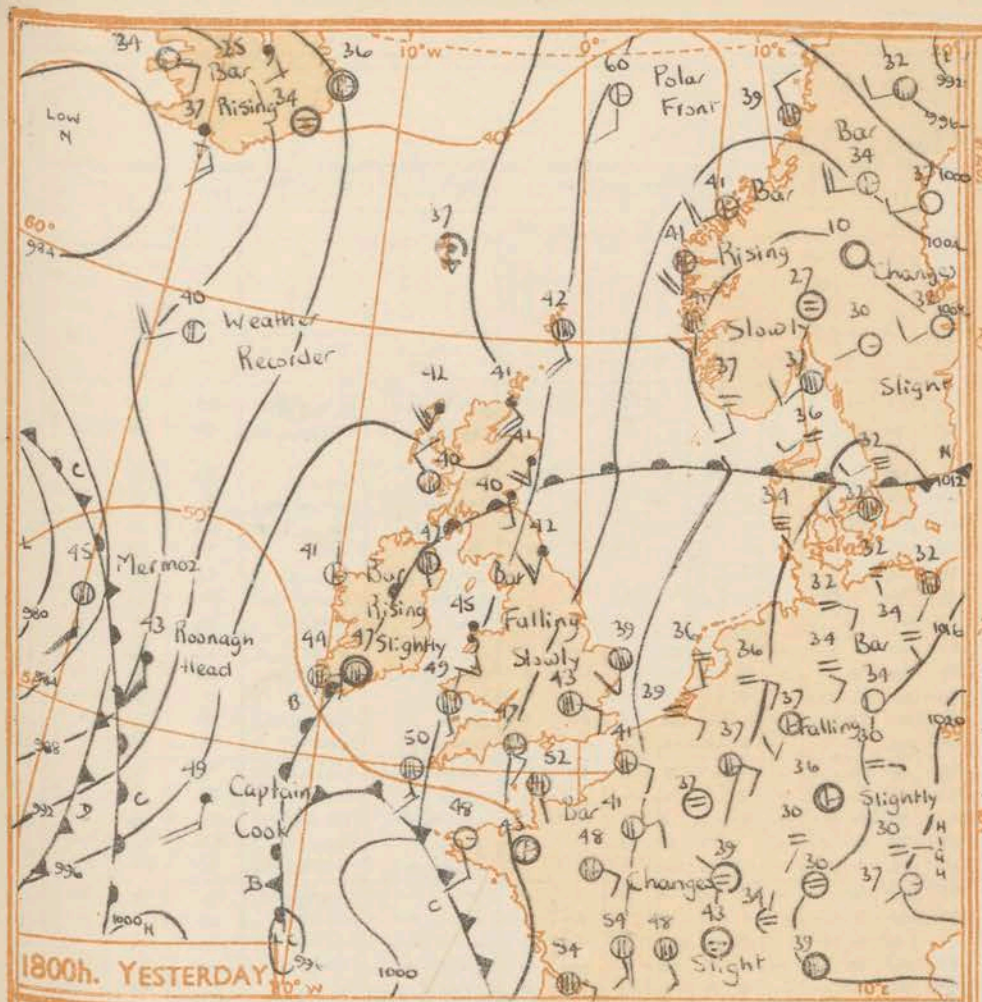
WEATHER SYMBOLS • Rain, ‚ Drizzle * Snow △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog ═ Mist

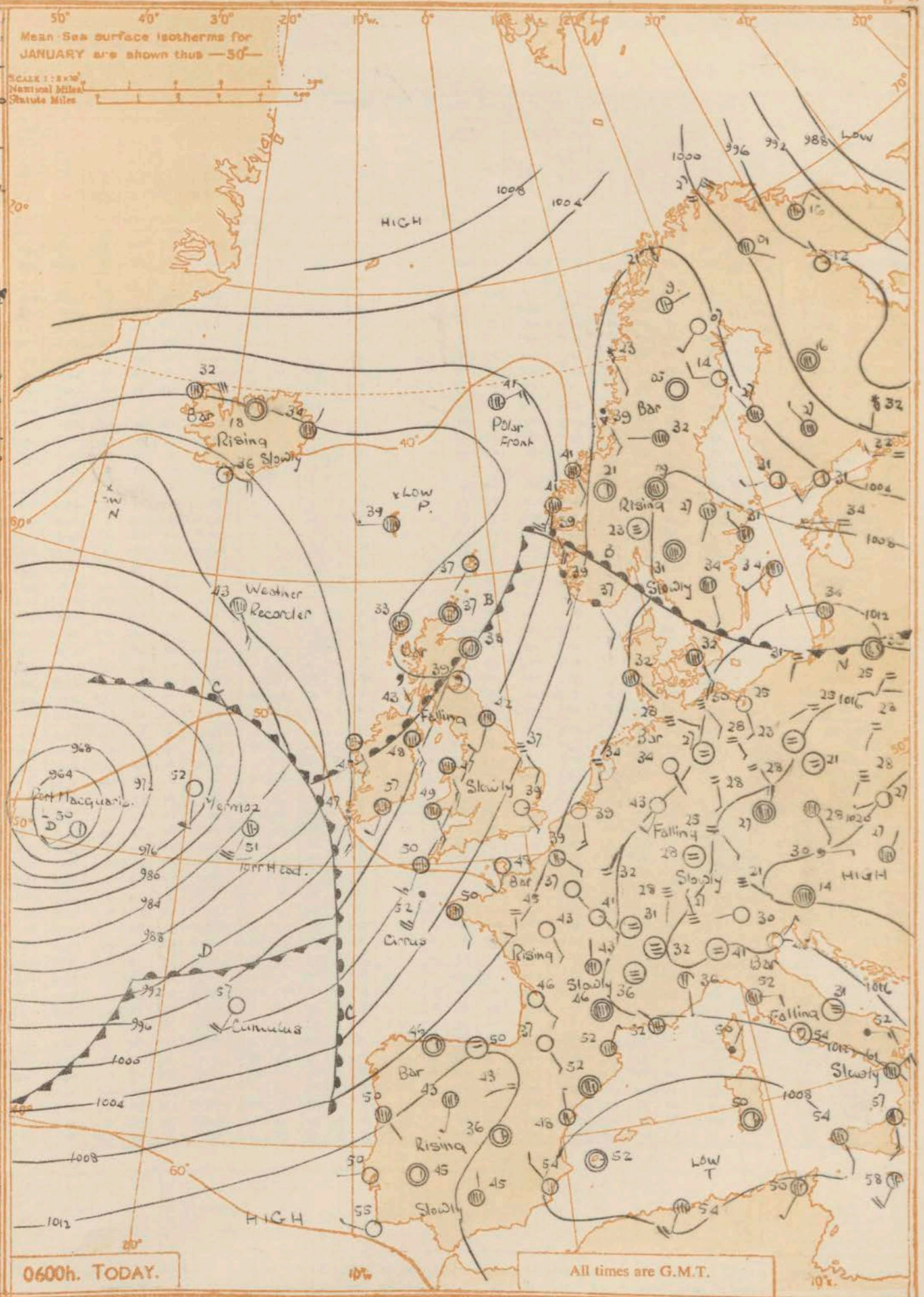
FRONTS or boundaries between masses of air of different origin are indicated, wherever their chafacteristics are well pronounced in the following way—

= 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.





GENERAL SYNOPTIC DEVELOPMENT :-

Issued at mid-day today Friday 28th January 1955

A depression west of Biscay filled quickly while troughs of low pressure moved across western and northern districts of the British Isles. Another depression west of Ireland is expected to become slow moving but a trough of low pressure will move northeastward over the country and a secondary depression seems likely to develop and cross Southern districts later in the period.

FORECAST FOR BRITISH ISLES until noon tomorrow :-

In Eastern England, today will be mainly dry but in other areas there will be occasional rain or drizzle. An area of more general rain over Southwest Scotland will move away northwards while more general rain is expected to reach the Southwest of England tonight probably extending to much of England and Wales by noon tomorrow. In industrial areas of Northern England fog may be rather persistent. Temperatures will be mostly near normal but some eastern districts will continue rather cold.

OUTLOOK FOR the following 24 hours :-

Brighter though showery weather will spread into most areas from the west with somewhat lower temperatures.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 28th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form: Low † (9)	Cloud: Form: Medium † (10)	Cloud: Form: High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer: Amt. 0–8 (13)	Cloud: Main layer: † Ht. (14)	Cloud: Lowest layer: Amt. 0–8 (15)	Cloud: Lowest layer: † Ht. (16)
Kew	18	*	*	*	*	*	*	43	*	*	*	*	*	*	*	*	*
London Airport	82	150	05	50	b	05.4	00	39	39	–	–	–	0	–	–	–	–
Tangmere ...	53	160	06	56	b	05.9	-01	42	40	–	–	–	0	–	–	–	–
Bournemouth (Hurn	34	–	0	66	b	04.7	+03	45	43	–	–	–	0	–	–	–	–
Boscombe Down	414	–	0	09	bf-	05.4	+04	37	37	–	–	–	0	–	–	–	–
Felixstowe ...	10	300	06	48	b	07.8	+01	39	38	–	–	–	0	–	–	–	–
Gorleston ...	5	190	07	28	b	07.6	-06	39	38	–	–	–	0	–	–	–	–
West Raynham	250	170	09	12	b/f	05.8	-03	38	38	6	–	–	2	2	08	–	–
Mildenhall ...	15	180	07	35	b	05.6	00	39	38	–	–	–	0	–	–	–	–
Cranfield ...	340	190	10	13	b	04.9	-03	41	40	6	–	–	2	2	06	–	–
Elmdon ...	324	170	05	48	c	03.7	-07	43	41	5	–	–	7	7	21	–	–
Cottesmore ...	440	170	08	04	f+	06.4	-02	39	38	–	–	–	9	–	–	–	–
Watnall ...	366	170	02	23	c	04.5	-01	42	41	6	–	–	7	7	30	5	06
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	180	03	61	b	02.8	+01	44	40	–	–	–	0	–	–	–	–
Bristol	192	270	03	32	b	04.0	-01	40	39	–	–	–	0	–	–	–	–
Plymouth ...	90	170	06	59	bc	03.2	+04	49	47	5	–	–	4	3	57	2	20
Chivenor ...	20	130	08	63	b	02.4	-02	47	43	–	–	–	0	–	–	–	–
St. Eval...	336	150	16	60	bc	01.6	-01	49	47	6	–	–	4	4	10	–	–
Culdrose ...	260	170	13	56	c	02.7	+02	49	48	6	–	–	6	6	20	–	–
Scilly, St. Mary's	158	170	13	58	c	00.3	00	50	49	5	–	–	6	6	10	–	–
Guernsey ...	340	160	13	58	b	04.8	-02	47	46	–	–	–	0	–	–	–	–
Aberporth ...	375	160	12	48	id.	01.0	+01	46	44	6	–	–	8	8	18	5	09
Pembroke Dock	34	160	05	66	c	01.4	00	48	46	5	–	–	8	8	35	–	–
Holyhead (Valley)	32	170	15	57	o	99.4	+04	46	43	6	–	–	8	8	14	–	–
Manchester ...	248	180	12	28	bc	02.5	+03	43	39	5	–	–	3	3	56	–	–
Squires Gate ...	33	150	16	32	c	00.7	-04	44	41	5	–	–	8	8	36	–	–
Silloth	25	210	08	14	id.	99.8	+05	45	45	7	–	–	8	8	12	3	06
Lindholme ...	21	150	09	20	b	03.7	+00	47	47	–	–	–	0	–	–	–	–
Spurn Head ...	29	170	12	32	b	05.1	-04	38	37	–	–	–	0	–	–	–	–
Dishforth ...	105	140	08	04	cf+	02.4	00	41	40	6	–	–	8	8	42	4	05
Tynemouth ...	108	190	14	18	o	01.7	-02	42	40	6	–	–	8	8	12	–	–
Leuchars ...	36	–	0	40	d.	99.0	-01	41	40	7	2	–	8	8	20	3	15
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	190	04	25	c	98.6	+18	44	43	7	–	–	7	7	03	5	05
West Freugh ...	50	190	04	04	cf+	98.0	+04	41	41	5	–	–	6	6	49	–	–
Ronaldsway ...	55	190	15	28	id.	99.1	+01	46	45	6	–	–	8	8	02	–	–
Tiree	29	080	06	80	c	97.7	+02	37	35	5	–	–	5	3	25	–	–
Benbecula ...	18	130	07	82	bc	97.2	+03	36	34	5	–	1	3	2	35	–	–
Stornoway ...	10	180	05	79	b	97.2	+12	35	33	5	–	–	1	1	20	–	–
Cape Wrath ...	367	320	13	83	bc	97.7	+34	40	35	8	–	–	5	5	25	–	–
Sule Skerry ...	43	270	02	87	bc	96.1	+29	42	36	5	–	–	4	4	10	–	–
Renfrew ...	28	–	0	16	c	98.6	+01	42	41	6	–	–	8	8	11	5	09
Dyce	185	170	08	28	bc	99.4	+06	40	37	6	–	–	5	5	45	3	08
Wick	119	230	05	66	bc	97.8	+20	39	36	5	–	–	5	5	24	–	–
Lerwick ...	269	200	26	57	rr	95.1	-29	41	40	7	2	–	8	8	20	4	08
Blacksod Point	18	140	03	70	c	97.1	-13	41	37	5	–	–	8	8	25	–	–
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	–	0	48	c	97.6	-02	40	40	6	–	–	6	6	04	–	–
Castle Archdale	225	–	0	81	c	97.2	-10	39	37	6	–	–	8	8	21	4	08
Birr Castle ...	231	140	01	58	d.	95.8	-15	44	44	6	–	–	8	8	14	6	08
Collinstown ...	226	090	03	10	cf	97.7	-10	43	43	6	–	–	8	8	19	–	–
Rineanna ...	10	110	04	58	id.	96.6	-19	42	41	6	–	–	8	8	08	3	04
Valentia ...	30	200	09	81	c	96.4	-04	45	41	5	–	–	8	8	21	–	–
Midleton ...	30	180	15	66	o/c	96.6	-05	50	50	6	–	–	8	8	08	–	–

OBSERVATIONS at 06 h. G.M.T. 28th January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form: Low † (25)	Cloud: Form: Medium † (26)	Cloud: Form: High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer: Amt. 0–8 (29)	Cloud: Main layer: † Ht. (30)	Cloud: Lowest layer: Amt. 0–8 (31)	Cloud: Lowest layer: † Ht. (32)	09h. State of † ground. (33)
Kew	100	03	20	bc	05.0	-02	37	37	–	–	1	3	–	–	–	–	1
London Airport	130	05	19	b	04.4	-07	39	39	–	–	–	0	–	–	–	–	1
Tangmere ...	150	04	20	c	05.6	+00	37	37	6	–	1	6	6	18	–	–	1
Bournemouth (Hurn	190	08	58	c	04.1	+02	47	44	6	–	–	8	7	16	3	12	1
Boscombe Down	210	08	40	0	04.4	-07	44	44	6	–	–	8	8	08	–	–	1
Felixstowe ...	210	06	48	b	07.7	+02	38	38	–	–	–	0	–	–	–	–	1
Gorleston ...	240	01	48	b	07.0	00	38	36	–	–	–	0	–	–	–	–	1
West Raynham	170	10	14	b	04.8	-06	36	36	–	–	–	0	–	–	–	–	1
Mildenhall ...	170	05	14	b	04.7	-03	37	37	–	–	–	0	–	–	–	–	1
Cranfield ...	–	0	11	c/f	04.0	-04	41	41	6	–	–	6	6	05	–	–	1
Elmdon ...	160	03	14	o/f	02.6	-05	42	42	6	–	–	8	8	01	–	–	1
Cottesmore ...	190	10	01	f+	04.6	-05	40	40	–	–	–	9	–	–	–	–	1
Watnall ...	0	01	f+	03.5	-07	40	40	–	–	–	9	8	00	–	–	1	
Ross-on-Wye ...	190	03	48	o	01.9	-03	44	43	6	–	–	8	8	10	–	–	1
Shawbury ...	120	02	58	c	01.6	-03	43	41	6	–	–	6	5	25	3	08	1
Bristol	180	04	24	o	02.7	+02	46	45	6	–	–	8	8	06	–	–	1
Plymouth ...	160	06	58	c	02.0	-04	49	47	6	–	–	8	8	18	4	10	1
Chivenor ...	100	08	68	c	01.5	-03	47	43	5	–	–	7	7	15	–	–	1
St. Eval...	160	13	60	b	00.4	-04	47	46	6	–	–	2	2	12	–	–	1
Culdrose ...	200	11	58	o	01.6	-04	49	48	6	–	–	8	8	15	–	–	1
Scilly, St. Mary's	190	14	57	c	99.2	-06	50	48	5	–	–	7	7	10	–	–	1
Guernsey ...	160	12	04	o/+	04.7	+04	47	47	6	–	–	8	8	00	–	–	1
Aberporth ...	170	16	58	o	99.8	-05	47	44	6	–	–	8	8	08	–	–	1
Pembroke Dock	170	12	66	c	00.0	-06	49	46	5	–	–	8	8	18	–	–	1
Holyhead (Valley)	170	19	58	c	97.8	-10	47	44	8	–	–	8	8	40	–	–	1
Manchester ...	170	11	56	c	01.2	-07	44	41	5	–	–	8	8	47	3	20	1
Squires Gate ...	150	13	32	c	99.9	-05	44	42	5	–	–	8	8	46	–	–	1
Silloth	190	15	48	c/r	98.6	-07	48	46	5	–	–	8	8	20	–	–	2
Lindholme ...	130	06	05	f+	02.2	-11	40	40	–	–	–	9	–	–	–	–	1
Spurn Head ...	170	12	F2	f+	04.0	-07	37	37	–	–	–	9	–	–	–	–	1
Dishforth ...	150	08	06	bf-	01.7	-07	39	39	–	–	–	0	–	–	–	–	1
Tynemouth ...	200	09	32	o	00.5	-10	42	40	6	–	–	8	8	12	–	–	1
Leuchars ...	0	13	id.	97.8	-11	39	39	6	–	–	8	8	15	–	–	2	
Eskdalemuir ...	160	02	20	ir.	96.4	-03	41	41	6	–	–	8	8	05	–	–	2
Prestwick ...	170	14	40	c	95.8	-18	47	46	7	–	–	8	8	05	–	–	1
West Freugh ...	170	13	50	oc	95.4	-12	48	47	6	–	–	8	8	04	–	–	1
Ronaldsway ...	170	19	56	o	97.7	-08	47	45	6	–	–	8	8	09	–	–	1
Tiree	150	10	61	id.	94.0	-27	43	41	6	–	–	8	8	22	2	10	1
Benbecula ...	080	05	82	c	95.2	-17	36	34	5	7	–	8	3	35	–	–	1
Stornoway ...	–	0	74	c	96.3	-12	33	32	5	–	–	6	6	35	–	–	2
Cape Wrath ...	230	05	83	b	96.8	-03	38	33	5	–	–	2	2	30	–	–	1
Sule Skerry ...	230	02	82	c	96.7	00	42	36	5	–	–	8	8	15	–	–	1
Renfrew ...	060	06	14	dr	96.5	-15	43	42	6	–	–	8	8	20	3	12	2
Dyce	–	0	40	c°	98.2	-08	38	37	5	–	–	8	8	50	2	05	1
Wick	–	0	82	c	97.6	-06	37	32	–	7	–	7	–	–	7	61	2
Lerwick ...	240	02	63	b	97.1	+07	37	35	5	–	–	1	1	15	–	–	2
Blacksod Point	140	10	70	c	92.3	-13	45	41	7	–	–	7	7	15	–	–	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	150	16	48	c/d	94.6	-23	48	46	5	–	–	8	8	40	–	–	2
Castle Archdale	–	0	58	rr	92.7	-24	41	41	6	–	–	8	8	21	4	07	2
Birr Castle ...	190	07	64	r.	93.4	-04	47	45	6	–	–	8	8	22	4	15	1
Collinstown ...	130	09	61	c/r	95.8	-11	47	46	5	–	–	8	8	30	–	–	1
Rineanna ...	110	09	74	c	93.7	-10	46	42	5	–	–	8	8	48	2	25	1
Valentia ...	160	20	40	d r	92.5	-12	47	46	6	–	–	8	8	12	–	–	1
Midleton ...	200	07	59	c/r	95.4	+01	47	47	6	–	–	8	8	28	6	12	1

OBSERVATIONS during NIGHT

Stations (For heights see p. 4)	Weather: 21h.–03h. (39)	Weather: 03h.– 09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h. 09h. mm. (43)
Kew	bc m.w x	bc m.x c m.	34	23	0.1
London Airport	bm.w	bm.w m x c m.	38	29	Tr
Tangmere ...	bm.w	cm.w	37	31	Tr
Bournemouth (Hurn	bw b c m.w	cm.w c m.	40	32	Tr
Boscombe Down	b m b f e	o f c m. b c m.	36	30	Tr
Felixstowe ...	bm.	bm.	38	33	–
Gorleston ...	o f e b m.w	bm.w	37	31	Tr
West Raynham	o f f e b m w	b m w x c m	36	30	Tr
Mildenhall ...	b m b m.	b m c m	36	31	Tr
Cranfield ...	c m. b m.	b f o f c id. m.	37	33	Tr
Elmdon ...	c m. o b m w	f o d. d. m	38	31	Tr
Cottesmore ...	c m b f f	f b f f	37	32	–
Watnall ...	c m m.	c m. o f id.	39	35	Tr
Ross-on-Wye ...	o m. c o d.	c m.	42	31	Tr
Shawbury ...	b m b b c w c	c b c c m.	41	33	–
Bristol	c b w	c w	38	29	Tr
Plymouth ...	c m. b c w	c m. c id. c	48	48	Tr
Chivenor ...	c b c b	b b c c	45	46	–
St. Eval...	b c c b c m.	b c m. c c id.	47	44	0.2
Culdrose ...	b c	b m r f f b c r f b o c	47	45	0.5
Scilly, St. Mary's	b c c	c p r	49	*	1
Guernsey ...	b w b w b c c	c m t c	46	42	–
Aberporth ...	c i d. o m.	c m.	45	43	Tr
Pembroke Dock	c i d. o m. c	c	47	45	Tr
Holyhead (Valley)	c m.	c m.	45	44	–
Manchester ...	c b b c c	c c m	41	39	–
Squires Gate ...	c m.	c i d. c m.	42	41	Tr
Silloth	c i d. o m. c i R	c m. c i r. o m. c	45	44	2
Lindholme ...	b c m b m c m	c m o f f	37	33	–
Spurn Head ...	c f	b m. p t	37	*	–
Dishforth ...	c m c f f	f	37	36	–
Tynemouth ...	o m o r. o r. m.	o m c m	41	37	Tr
Leuchars ...	c d. o d. o m.	c f o i d. c m.	39	37	0.3
Eskdalemuir ...	o r r m.	o r r m. o m.	40	37	8
Prestwick ...	c m c r. d. o m	c r. o. c m	42	41	2
West Freugh ...	b c f d. o r.	c R R f c m.	40	35	2
Ronaldsway ...	c d. o d. r d. o	o i d. c	46	45	3
Tiree	b c c	c i d. o r. o. r r	36	31	3
Benbecula ...	b c	c c i r.	34	30	Tr
Stornoway ...	b b o	b c x c c w	33	28	–
Cape Wrath ...	b c	c	37	35	Tr
Sule Skerry ...	*	*	40	39	0.3
Renfrew ...	c i d. o f	o. r. o f m.	40	40	5
Dyce	c b c m.	c m. i r.	33	27	Tr
Wick	b c c	c	35	31	–
Lerwick ...	o r r	b c	36	25	2
Blacksod Point	c	r	39	35	0.2
Malin Head ...	*	*	41		1
Aldergrove ...	c c i r. d. o d. o f.	c d. o d. d. c d. o m.	40	38	3
Castle Archdale	c i r.	c r r c	38	37	5
Birr Castle ...	r	r	41	40	5
Collinstown ...	r	f	41	32	0.4
Rineanna ...	d	r	40	31	1
Valentia ...	c	r	44	42	2
Midleton ...	r	d	39	35	5

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER RECORDER	59°6′	18°48′	998	-01	120	12	bc	bc	41	49	33	98	2	–	–	1	1	11
MERMOZ	52°24′	20°0′	976	-25	230	18	RR	r	48	49	43	40	7	–	–	8	8	19
POLAR FRONT	66°0′	02°6′E	1001	00	230	07	S.S.	c	39	42	36	97	7	–	–	8	8	3
CUMULUS	45°30′	15°30′	999	+02	220	17	bc	bc	57	56	54	60	5	–	–	3	3	6½
WEATHER WATCHER	61°42′	32°12′	986	+07	330	19	c	c	37	42	30	98	2	3	–	4	6	6½
US SHIP 'C'	52°48′	35°36′	976	+30	020	44	r.s.	r	41	45	38	59	–	2	–	8	8	16
US SHIP 'D'	44°0′	41°0′	1005	+36	320	35	pr.	p	42	57	41	61	2	–	–	8	8	25½
HOBORATA	47°24′	16°42′	992	00	230	20	L	bc	54	57	46	98	4	–	–	4	4	8
EMPRESS OF AUSTRALIA	55°30′	11°12′	997	-07	130	13	j.p	bc	45	50	38	98	7	–	–	4	4	X
CAPTAIN COOK	47°30′	13°48′	993	+02	220	30	b	p	55	55	49	97	x	x	x	x	0	11

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	† Visibility	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
WEATHER RECORDER	59°0′	18°42′	989	-14	160	17	c	bc	43	49	34	97	5	5	–	3	8	6½
MERMOZ	52°30′	19°54′	974	-10	180	20	b	r	52	53	41	70	–	–	–	0	0	16
POLAR FRONT	66°0′	02°0′E	1000	-09	080	13	c	bc	41	42	36	99	8	–	–	7	7	3
CUMULUS	45°12′	15°42′	997	-13	210	18	b	b	57	56	52	70	–	–	–	0	0	9½
PORT MACQUARIE	30°12′	26°6′	965	-35	220	18	b	bc	50	51	47	99	6	–	–	2	2	11
US SHIP 'C'	52°48′	35°36′	982	+27	360	38	c	r	42	46	35	63	5	–	–	8	8	17½
US SHIP 'D'	44°0′	41°0′	1009	+20	290	30	bc	p	44	57	37	59	2	–	–	3	3	6½
CAPTAIN COOK	46°42′	17°12′	991	-10	220	30	p r	p	54	55	48	68	7	–	–	7	7	11
CIRRUS	49°6′	06°36′	999	-01	200	23	ir.	c	52	53	50	60	7	3	–	7	8	6½
TORRHEAD	51°12′	16°30′	981	00	220	24	bc	c	51	53	48	58	9	–	–	4	5	5

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*Information not usually received.

† Code figure (see Introduction)

No. 320/56

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Saturday 29th January 1955

OBSERVATIONS at 12h. G.M.T. 28th January, 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low † (9)	Cloud Form Medium † (10)	Cloud Form High † (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer † Ht. (16)
Kew	180	06	52	c	05·0	+03	43	38	6	7	·	7	5	12	-	-
London Airport	180	14	67	-	05·4	+04	40	35	5	·	·	7	7	13	·	·
Tangmere	230	08	44	0	07·1	+03	47	46	6	-	-	8	8	05	-	·
Bournemouth (Hurn	180	16	56	-	04·9	+00	48	47	6	·	·	7	7	40	3	03
Boscombe Down	200	03	17	0/+	05·3	+04	43	35	0	·	·	8	8	01	-	·
Felixstowe	210	10	48	b	07·7	-01	48	30	-	3	5	2	-	-	1	50
Gorleston	200	13	32	b	06·7	+00	46	43	-	·	·	0	·	·	·	·
West Raynham	190	11	32	0	05·3	+04	45	42	6	·	·	8	8	07	·	·
Mildenhall	220	03	10	b	05·4	+03	42	44	5	-	·	1	1	30	·	·
Cranfield	200	12	57	c	04·8	+05	48	44	6	-	·	7	7	10	1	06
Elmdon	190	08	50	c	02·7	-03	49	45	6	-	·	7	7	13	·	·
Cottesmore	150	11	40	-	04·8	+01	45	44	6	-	·	7	6	10	5	06
Watnall	210	09	32	c	03·4	-03	47	44	5	-	·	6	6	25	·	·
Ross-on-Wye	200	10	48	0	02·4	+02	49	46	6	-	·	8	8	10	·	·
Shawbury	180	08	03	c	02·0	+03	48	43	6	7	·	8	4	20	2	08
Bristol	180	12	24	id$_0$	03·6	+07	50	48	6	-	·	8	8	06	3	05
Plymouth	230	12	56	dr$_0$	03·7	+13	51	50	6	7	·	7	5	10	-	·
Chivenor	200	09	74	c	02·6	+10	52	49	5	-	·	7	7	18	2	10
St. Eval	200	13	74	c	02·7	+17	51	48	8	-	·	7	7	20	1	10
Culdrose	220	15	69	c	03·6	+16	51	40	5	7	-	6	5	20	-	·
Scilly, St. Mary's	210	16	00	bc	01·1	+25	53	48	5	-	·	3	3	16	-	·
Guernsey	190	14	57	0	05·8	+02	49	46	6	-	·	8	8	03	-	·
Aberporth	190	18	32	d$_0$d$_0$	00·6	+11	48	47	6	-	·	8	8	00	-	·
Pembroke Dock	210	09	00	dir	01·0	+11	51	49	5	-	2	7	7	25	1	08
Holyhead (Valley)	170	17	22	d$_0$c$_0$	98·7	+06	46	45	6	-	·	8	8	16	3	03
Manchester	180	18	57	c	01·4	+00	46	42	5	3	8	7	5	45	2	10
Squires Gate	150	12	28	ir$_0$	00·3	+04	47	44	8	4	-	8	8	50	4	25
Silloth	150	11	61	ir$_0$	03·4	+03	49	46	5	-	·	8	8	25	3	15
Lindholme	180	10	28	-	02·4	-03	46	44	6	-	·	7	7	12	4	08
Spurn Head	160	14	22	+-	04·7	+07	41	41	-	-	·	3	·	·	·	·
Dishforth	150	12	11	c/r	01·5	+05	43	42	6	-	·	7	7	30	6	04
Tynemouth	210	12	12	c	00·1	-04	44	41	-	7	-	6	6	57	-	·
Leuchars	160	10	58	c	06·9	-01	48	44	5	7	-	8	4	22	-	·
Eskdalemuir	190	04	48	ir	97·8	+02	44	42	6	-	·	8	8	07	-	·
Prestwick	170	19	56	r$_0$r$_0$	05·8	+02	49	46	6	-	·	8	8	12	3	05
West Freugh	190	15	36	id$_0$	06·2	+06	47	46	7	-	·	8	8	15	6	05
Ronaldsway	180	24	30	dr$_0$	08·1	+06	46	46	6	-	·	8	8	15	3	05
Tiree	220	11	80	bc/r	02·7	+01	47	43	5	3	9	5	3	18	1	07
Benbecula	100	08	83	c/r	02·7	-10	49	41	5	-	·	7	7	45	1	10
Stornoway	190	06	74	r$_0$r$_0$	03·9	-11	42	39	5	2	-	8	8	50	1	15
Cape Wrath	140	05	82	r$_0$r$_0$	05·1	-08	40	35	8	-	·	8	8	25	-	·
Sule Skerry	140	08	82	c	05·6	-09	42	37	5	-	·	8	8	15	-	·
Renfrew	170	08	48	rr	05·9	+01	47	46	6	-	·	8	7	22	4	12
Dyce	170	11	15	c/d	06·8	-08	43	42	6	-	·	8	8	40	6	04
Wick	120	07	37	r$_0$r$_0$	05·6	-14	42	40	6	-	·	8	8	20	6	06
Lerwick	-	0	81	c	07·7	+01	41	39	-	3	8	7	-	-	7	50
Blacksod Point	170	30	64	o/d	81·0	-02	50	46	8	-	·	7	7	29	4	15
Malin Head	230	05	70	bc	03·0	+07	45	41	2	3	·	5	3	21	-	·
Aldergrove	180	10	66	c	05·3	+22	49	47	6	3	2	7	7	56	3	10
Castle Archdale	150	08	82	d$_0$d$_0$	03·5	+03	46	45	6	7	-	8	6	20	3	10
Birr Castle	170	11	70	c	04·6	+04	51	47	8	-	·	7	7	54	3	16
Collinstown	210	07	06	bc	06·8	+08	51	45	6	3	2	3	1	13	-	·
Rineanna	180	12	69	c/d	04·1	+03	53	48	5	-	·	6	6	35	2	15
Valentia	180	15	66	c	03·4	+10	54	49	2	-	·	7	7	19	1	12
Midleton	180	15	61	ir$_0$	06·4	+03	51	49	6	-	·	8	8	12	-	·

OBSERVATIONS at 18h. G.M.T. 28th January, 1955

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low † (25)	Cloud Form Medium † (26)	Cloud Form High † (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	180	08	56	c/d	06·1	+03	47	46	5	-	·	8	8	15	2	12	1
London Airport	180	12	23	id$_0$	06·2	+02	46	46	6	-	·	8	8	06	-	-	1
Tangmere	190	13	23	d$_0$d$_0$	06·7	00	48	47	6	-	·	8	8	05	-	·	1
Bournemouth (Hurn	170	07	28	c/d	05·8	+08	48	47	6	-	-	7	7	12	6	06	1
Boscombe Down	190	02	04	+-	05·8	+04	48	48	-	-	-	9	-	-	-	-	1
Felixstowe	230	12	56	c	07·5	+05	43	41	5	-	-	8	8	13	-	·	1
Gorleston	210	13	58	0	06·9	+07	46	43	7	-	·	8	8	18	-	·	0
West Raynham	190	13	40	c	05·6	+12	45	43	-	7	2	7	-	-	3	60	1
Mildenhall	210	07	14	0	07·0	+10	47	44	6	-	·	8	8	11	-	-	1
Cranfield	180	03	23	0	05·2	+08	47	45	6	-	·	8	8	04	-	·	1
Elmdon	190	07	30	0	03·6	+11	43	43	6	-	·	8	8	06	-	·	1
Cottesmore	190	10	56	c	05·3	+09	47	45	5	-	·	8	8	05	-	·	1
Watnall	170	12	28	c	03·5	+05	48	47	5	-	·	8	8	20	-	·	1
Ross-on-Wye	180	05	48	c	03·6	+14	50	47	6	7	-	7	1	10	-	·	1
Shawbury	190	13	62	0	02·5	+11	48	45	5	-	·	1	1	40	-	·	1
Bristol	190	08	21	0	04·0	+07	49	47	5	4	1	2	1	28	1	06	1
Plymouth	220	10	63	id$_0$	05·0	+11	51	47	6	-	·	8	8	20	4	10	2
Chivenor	180	06	81	c	04·3	+10	51	46	5	-	·	7	7	20	-	·	1
St. Eval	190	18	81	c	03·4	+10	51	48	6	-	·	8	8	10	-	·	1
Culdrose	200	12	20	d$_0$d$_0$	04·1	+05	50	50	6	-	·	8	6	08	6	03	1
Scilly, St. Mary's	170	14	56	o/d	01·1	-01	51	50	6	-	·	8	8	05	-	·	1
Guernsey	180	08	74	c	07·2	+14	49	47	6	7	-	7	5	20	-	·	1
Aberporth	200	15	00	c	01·8	+17	49	47	6	-	·	7	7	05	-	·	1
Pembroke Dock	190	08	74	c	02·7	+18	50	48	5	-	·	8	6	20	-	·	1
Holyhead (Valley)	190	19	56	id$_0$	99·6	+00	47	46	6	-	·	8	8	05	-	·	1
Manchester	190	12	32	c	01·9	+18	49	46	6	-	·	8	8	40	5	11	1
Squires Gate	180	10	23	c	00·9	+13	48	46	5	7	-	8	5	25	-	·	1
Silloth	200	14	58	-	99·0	+10	48	47	6	-	·	7	7	30	3	10	2
Lindholme	150	09	20	c	02·8	+06	49	46	6	-	·	8	8	20	4	13	1
Spurn Head	180	12	16	0	04·0	00	48	48	6	-	-	8	8	20	-	·	1
Dishforth	180	13	6	c	01·8	+08	46	44	5	-	-	8	8	19	-	·	1
Tynemouth	230	18	16	c	00·3	+06	46	43	5	-	-	8	6	36	-	·	1
Leuchars	190	04	60	c	00·6	+08	47	44	5	-	2	8	5	22	-	·	1
Eskdalemuir	210	12	06	r$_0$d$_0$	98·5	+07	44	44	-	-	-	9	-	-	-	-	2
Prestwick	180	16	62	c	00·8	+12	49	46	6	-	·	8	8	15	4	10	1
West Freugh	190	16	56	c	97·1	+13	48	47	5	3	-	7	7	20	2	06	1
Ronaldsway	180	15	62	bc	99·2	+13	48	46	6	-	-	5	5	06	-	·	1
Tiree	180	15	62	ir$_0$	02·7	+02	46	46	5	7	-	7	6	20	2	08	1
Benbecula	150	11	61	r$_0$r$_0$	01·8	-01	45	43	6	-	-	8	8	12	-	·	1
Stornoway	170	07	74	d/d	03·2	+06	43	41	5	2	-	8	6	15	2	10	2
Cape Wrath	230	05	82	c	03·6	+00	41	39	5	-	-	7	7	20	-	·	2
Sule Skerry	180	02	40	c	02·7	-02	43	42	5	-	-	8	8	10	-	·	2
Renfrew	170	09	48	c	06·6	+10	48	46	6	-	-	8	7	37	5	10	0
Dyce	170	07	40	c	06·2	+07	47	43	6	3	-	6	4	07	-	·	1
Wick	210	07	40	b	93·1	-01	43	41	5	3	-	2	1	25	-	·	2
Lerwick	160	01	07	rr	93·7	-18	42	42	6	-	-	8	8	01	-	·	2
Blacksod Point	180	24	69	c	91·9	+09	49	46	7	-	-	7	7	28	3	15	
Malin Head	270	05	56	pr$_0$	03·2	+07	47	43	9	-	-	6	6	21	-	·	
Aldergrove	160	16	63	bc	05·1	+04	48	46	5	3	-	5	2	35	1	12	1
Castle Archdale	180	04	81	c	04·2	+14	46	45	5	7	-	7	6	30	4	17	2
Birr Castle	180	08	77	c	05·6	+09	50	46	5	-	2	7	6	35	1	16	
Collinstown	210	10	62	c	07·6	+12	51	43	5	-	4	6	6	44	-	·	
Rineanna	160	15	69	c	05·1	+11	50	46	5	7	-	7	4	40	2	20	
Valentia	160	18	56	ir$_0$	03·8	+00	52	50	7	-	-	8	8	11	1	07	
Midleton	180	14	56	o	07·3	+06	50	48	6	-	·	8	8	09	-	·	

OBSERVATIONS during DAY

Stations	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.–21h. °F. (36)	Sunshine (37)	Rain 09h.–21h. mms. (38)
Kew	cm$_0$c	cm$_0$id$_0$cm$_0$	49	0·1	TR
London Airport	cm$_0$	cid$_0$d$_0$d$_0$id$_0$c	49	*	TR
Tangmere	cm$_0$	c$_0$d$_0$d$_0$cm$_0$	48	0·0	0·1
Bournemouth (Hurn	cm$_0$	cid$_0$M$_0$c$_0$d$_0$d$_0$	50	*	TR
Boscombe Down	cm$_0$m$_0$id$_0$M$_0$	d$_0$d$_0$f cm$_0$	48	0·0	0·1
Felixstowe	bm$_0$cm$_0$	cm$_0$bcm$_0$cid$_0$	44	3·8	TR
Gorleston	bm$_0$	bm$_0$m$_0$	50	6·5	-
West Raynham	cb	cm$_0$	49	2·1	-
Mildenhall	cmbmcm$_0$	cm$_0$	52	3·3	-
Cranfield	cm$_0$bcm$_0$	cm$_0$d cm$_0$	50	0·4	TR
Elmdon	cm$_0$cir$_0$	cm$_0$	49	0·2	TR
Cottesmore	fcm$_0$cir$_0$	cid$_0$cidfm$_0$	48	0·0	TR
Watnall	c$_0$d$_0$f cm$_0$	c$_0$d$_0$cm$_0$	48	0·2	0·2
Ross-on-Wye	com$_0$d$_0$	cm$_0$	51	0·0	TR
Shawbury	cm$_0$id$_0$	cm$_0$cbcc	51	0·0	TR
Bristol	ccid$_0$	cbm$_0$cmw	51	0·0	TR
Plymouth	cm$_0$cir$_0$cm$_0$	cm$_0$cid$_0$c$_0$r$_0$	53	0·5	0·5
Chivenor	cm$_0$c	bcbcid$_0$	56	2·8	TR
St. Eval	ccir$_0$m$_0$b	bccid$_0$m$_0$	54	3·9	0·5
Culdrose	cbc	cbccoid$_0$	52	2·1	0·3
Scilly, St. Mary's	cpr$_0$cbc	bccoid	53	4·6	0·2
Guernsey	ccid$_0$d$_0$d$_0$	c	51	0·1	0·1
Aberporth	cm$_0$c$_0$d$_0$c	ccm$_0$	51	1·4	1
Pembroke Dock	c$_0$d$_0$m$_0$bc	bcc	52	3·3	0·6
Holyhead (Valley)	cm$_0$c$_0$d$_0$d$_0$cm$_0$	cm$_0$ cid$_0$cm$_0$	48	0·0	0·1
Manchester	cm	cir$_0$	49	0·1	TR
Squires Gate	cm$_0$ir$_0$m$_0$	cm$_0$id$_0$ir$_0$bm$_0$	49	0·0	TR
Silloth	ccr$_0$r$_0$d$_0$m$_0$	cbccm$_0$	51	0·0	0·2
Lindholme	cff id$_0$cm$_0$	cm$_0$	49	0·1	TR
Spurn Head	cfcm	cm	44	0·1	-
Dishforth	Fcfcmcirfm	cirfm cmbm	47	0·0	TR
Tynemouth	cffcm	cm	47	0·0	-
Leuchars	cm$_0$r$_0$f$_0$	cbc	49	0·0	0·1
Eskdalemuir	cm$_0$cir$_0$m$_0$	crrmrrfof	45	0·0	10
Prestwick	cr$_0$r$_0$M$_0$c	cirfcm$_0$	49	0·0	1
West Freugh	cirmdr$_0$id$_0$	cmbccm	49	0·1	0·6
Ronaldsway	ccr$_0$d$_0$c	ccid$_0$bcc	48	0·3	0·6
Tiree	cr$_0$d$_0$m$_0$ir$_0$bc	cirRRb	48	1·8	3
Benbecula	cir$_0$r$_0$c	cr$_0$d$_0$r$_0$bc	48	0·1	2
Stornoway	cir$_0$c	cir$_0$id$_0$ir	48	0·2	1
Cape Wrath	ccr$_0$	cr$_0$r$_0$	42	*	1
Sule Skerry			44	*	0·6
Renfrew	cd$_0$r$_0$r$_0$c	cr$_0$d$_0$m$_0$	48	0·0	4
Dyce	cdr$_0$m$_0$cm$_0$	cm$_0$bcm$_0$	47	0·0	0·2
Wick	cr$_0$r$_0$cm$_0$	cm$_0$b	44	0·0	0·1
Lerwick	ccid$_0$	cr$_0$r$_0$d$_0$d$_0$f c	43	0·0	4
Blacksod Point	d	p	51	1·8	1
Malin Head	bc	p	49	0·4	1
Aldergrove	cr$_0$r$_0$c	cir$_0$cbc	50	0·7	0·4
Castle Archdale	cd$_0$d$_0$cir$_0$	cpr$_0$cbc	49	0·2	7
Birr Castle	r	c	55	3·6	0·1
Collinstown	r	c	53	2·2	1
Rineanna	d	c	55	3·0	0·2
Valentia	r	p	54	1·2	2
Midleton	d	r	52	0·0	1

12h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52° 30′	20° 0′	974	+13	200	14	r$_0$r$_0$	p	50	48	45	70	8	4	3	4	6	11
WEATHER RECORDER	58° 54′	18° 54′	988	00	090	25	bc	bc	45	42	37	98	1	3	5	3	5	6½
POLAR FRONT	66° 12′	01° 42E	999	00	080	20	pr$_0$	p	41	44	37	98	0	6	-	6	7	3
CIRRUS	45° 0′	15° 48′	992	-39	180	26	ir$_0$	c	55	55	55	30	7	2	-	5	8	6½
WEATHER WATCHER	61° 30′	32° 36′	988	+18	280	17	c/pr	p	36	41	33	38	8	-	-	7	7	6½
U.S. SHIP 'C'	52° 48′	35° 30′	989	+39	340	42	pr$_0$	c	41	46	33	61	5	-	-	8	8	17½
U.S. SHIP 'D'	44° 0′	41° 0′	1013	+10	290	22	c	bc	46	57	35	63	1	-	7	6	8	19
CAPTAIN COOK	46° 0′	18° 36′	988	-03	210	30	pr	p	50	55	46	94	x	x	x	0	0	13
EMPRESS OF AUSTRALIA	55° 12′	16° 30′	985	00	160	20	c	bc	50	52	43	97	9	3	-	5	6	*
EDINBURGH CASTLE	47° 18′	06° 36′	1005	+21	210	18	r/d	c	54	54	52	98	6	-	-	8	8	5

18h. Ships' Reports

Ship	Lat. N. ° ′	Long. W. ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
MERMOZ	52° 30′	20° 0′	971	-11	160	16	c	p	52	50	45	60	9	4	3	6	7	11
WEATHER RECORDER	58° 54′	19° 0′	988	-07	090	25	c	c	45	50	41	98	8	1	7	4	7	6½
CUMULUS	44° 54′	15° 42′	990	+04	240	24	jp	r	54	54	46	70	9	-	-	3	8	6½
POLAR FRONT	66° 54′	02° 0E	998	00	090	24	bc/pr	p	43	44	39	99	9	-	-	5	5	6½
WEATHER WATCHER	61° 54′	32° 48′	991	+13	190	15	c	d	36	41	30	98	5	-	-	7	7	6½
U.S. SHIP 'C'	52° 48′	35° 30′	996	+32	340	38	c	c	39	46	22	65	5	-	-	6	6	17½
U.S. SHIP 'D'	44° 0′	41° 0′	1008	-46	180	20	pr$_0$	p	51	64	43	63	5	-	-	8	8	11
SHIELBANK	42° 24′	10° 6′	1005	-21	180	20	d	c	59	57	55	97	7	-	-	8	8	8
WINDSOR	41° 18′	18° 0′	999	+05	260	30	bc	bc	58	56	46	98	2	-	-	4	4	21
CAPTAIN COOK	45° 24′	18° 42′	985	+10	240	30	c/pr	p	54	57	46	98	8	6	-	4	6	14

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01–50 in 100's of feet; 56–80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02–50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1–F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Friday 28th January,

1955

Clark's Projection Scale 1 : 4 × 10⁷ along meridian lat. 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 represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◍ Sky 4/8 covered ◍ Sky 5/8 covered ◍ Sky 6/8 covered ◍ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder ≡ Fog ≡ Mist

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.

1800h. YESTERDAY

0000h. TODAY.

0600h. TODAY.

All times are G.M.T.

Mean Sea surface isotherms for JANUARY are shown thus —50—

SCALE 1:8000000
Nautical Miles
Statute Miles

GENERAL SYNOPTIC DEVELOPMENT:-

A depression west of Ireland moved slowly eastwards and a secondary depression moved northeast round it and later turned northwards over Western Ireland. The secondary depression is expected to move north and deepen and become the dominant system. A cold front will move east and northeast across the British Isles.

Issued at mid-day today Saturday 29th January, 1955

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Cloudy in most parts of Great Britain at first, with rain at times. Brighter weather now over Ireland will spread to all parts of the British Isles during today and tonight. There will be scattered showers in western districts. It will be mild in all areas.

OUTLOOK FOR the following 24 hours:-

Continuing mild. Bright periods and showers at first. Further rain spreading from the Southwest later.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 29th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F Dry Bulb (7)	Temp. °F Dew point (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer † Ht. (16)
Kew	18	*	*	*	*	*	*	47	*	*	*	*	*	*	*	*	*
London Airport	82	160	03	28	c	06·7	+01	47	47	5	-	-	8	8	22	2	10
Tangmere	53	200	08	32	c	08·1	+03	48	47	6	-	-	8	8	18	3	08
Bournemouth (Hurn	34	170	08	58	c	06·8	-01	49	47	6	-	-	8	8	18	3	06
Boscombe Down	414	190	07	50	c	06·9	-02	47	47	6	-	-	8	7	12	6	05
Felixstowe	10	200	10	56	o	08·0	-01	42	42	6	-	-	8	8	07	-	-
Gorleston	5	190	11	40	c	07·8	-01	45	42	7	-	-	7	7	19	-	-
West Raynham	250	180	07	20	o	06·4	00	46	45	6	-	-	8	8	04	-	-
Mildenhall	15	210	05	19	c	06·8	+05	48	46	6	-	2	8	7	40	4	06
Cranfield	340	200	09	58	c	06·4	+02	47	44	5	-	-	8	8	27	-	-
Elmdon	324	180	04	57	c	04·0	-06	45	44	5	-	-	6	6	30	-	-
Cottesmore	440	200	11	28	o	06·3	-07	46	45	6	-	-	8	8	04	-	-
Watnall	366	180	08	48	bc	05·2	+02	47	46	5	-	-	4	4	40	-	-
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury	235	180	08	48	c	03·0	00	46	43	-	7	1	6	-	-	6	60
Bristol	192	190	09	32	do	04·7	-07	49	47	6	-	-	8	8	07	-	-
Plymouth	90	170	10	58	c/d	03·0	-07	50	49	6	-	-	8	8	10	3	06
Chivenor	20	160	14	74	c	02·0	-05	52	47	5	-	-	8	8	12	-	-
St. Eval	336	160	25	23	rr	00·1	-21	50	50	6	-	-	8	8	10	3	07
Culdrose	260	180	25	56	ro	01·1	-23	50	50	6	-	-	8	8	10	5	06
Scilly, St. Mary's	158	160	27	56	rr	96·4	-26	50	48	6	-	-	8	8	08	-	-
Guernsey	340	160	16	58	c	06·7	-08	49	48	5	-	-	8	8	23	-	-
Aberporth	375	140	16	58	cd	99·8	-15	48	46	6	-	-	8	8	23	6	10
Pembroke Dock	34	120	12	66	o	00·0	-20	50	48	6	-	-	8	8	11	-	-
Holyhead (Valley)	32	150	18	66	c	99·6	-06	48	43	5	-	-	6	6	22	1	17
Manchester	248	160	08	56	bc	03·3	+02	48	45	5	-	10	3	3	24	-	-
Squires Gate	33	150	16	35	bc	01·6	-02	46	44	-	-	6	5	-	-	5	70
Silloth	25	180	10	58	c	00·7	+03	48	46	5	3	-	6	3	35	*	-
Lindholme	21	180	13	19	o	03·9	-04	47	46	6	-	-	8	8	06	-	-
Spurn Head	29	180	18	32	o	05·0	+02	42	41	6	-	-	8	8	20	-	-
Dishforth	105	-	0	09	bf	02·9	+01	44	43	-	-	-	0	-	-	-	-
Tynemouth	108	180	10	24	b	01·5	+01	46	44	-	-	-	0	-	-	-	-
Leuchars	36	200	03	66	b	98·3	+09	45	43	5	-	-	1	1	50	-	-
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick	30	170	11	60	c	98·3	+06	48	46	7	-	-	6	6	09	-	-
West Freugh	50	180	15	58	b	98·4	+04	48	46	5	-	-	1	1	20	-	-
Ronaldsway	55	170	12	66	c	99·9	+00	47	45	5	-	-	8	8	17	1	06
Tiree	29	170	12	74	c	94·8	+04	46	45	5	7	2	7	2	20	-	-
Benbecula	18	170	12	83	b	93·9	+12	44	42	5	-	-	1	1	45	-	-
Stornoway	10	190	13	66	bc/n	93·8	+06	46	44	5	-	-	3	3	50	-	-
Cape Wrath	367	230	09	82	bc	94·3	-01	45	40	8	-	-	5	5	25	-	-
Sule Skerry	43	140	02	80	cr	94·4	+05	44	41	6	-	-	8	8	10	-	-
Renfrew	28	130	03	62	c	98·5	+11	48	46	5	-	-	8	7	37	4	12
Dyce	185	120	02	64	b	97·8	+12	44	42	5	7	2	2	1	15	-	-
Wick	119	140	02	58	b	95·8	+11	41	40	5	-	-	1	1	47	-	-
Lerwick	269	-	0	57	b	94·8	+13	41	41	-	-	-	0	-	-	-	-
Blacksod Point	18	140	27	70	cr	89·8	-20	48	45	7	-	-	8	8	15	-	-
Malin Head	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove	220	150	14	63	■ c	96·2	-01	47	46	6	-	-	8	8	11	-	-
Castle Archdale	225	150	10	60	c	94·0	+13	47	45	6	-	-	8	7	14	3	09
Birr Castle	231	150	21	66	cr	91·0	-37	49	47	6	-	-	8	8	24	6	15
Collinstown	226	160	20	58	cd	97·0	-10	47	46	6	-	-	8	8	02	3	01
Rineanna	10	130	20	59	ro	88·8	-49	50	49	7	2	-	8	8	20	1	10
Valentia	30	130	28	85	ro	83·6	-67	53	51	6	-	-	8	8	09	-	-
Midleton	30	140	30	65	dd	89·9	-53	50	50	7	-	-	8	8	06	-	-

OBSERVATIONS at 06 h. G.M.T. 29th January 1955

Stations	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F Dry Bulb (23)	Temp. °F Dew point (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer † Ht. (32)	09h. † State of ground (33)
Kew	170	09	80	bc	05·3	-10	47	45	5	4	-	3	3	20	1	10	1
London Airport	170	07	61	c	05·0	-09	46	45	6	-	-	6	6	35	4	12	1
Tangmere	180	14	48	bc	06·3	-07	46	45	5	-	3	3	2	20	-	-	1
Bournemouth (Hurn	140	13	58	c	03·9	-14	48	45	5	-	-	8	8	30	-	-	1
Boscombe Down	180	11	63	c	04·7	-15	46	45	6	-	-	7	7	13	-	-	1
Felixstowe	190	16	48	b	07·0	-07	44	43	5	-	-	1	1	24	-	-	1
Gorleston	200	12	16	o/f	07·3	-04	45	44	6	-	-	8	8	10	-	-	1
West Raynham	170	13	36	c	05·2	-10	46	45	5	-	-	8	8	22	-	-	1
Mildenhall	170	08	58	c	05·1	-13	48	46	5	-	-	8	8	24	2	05	1
Cranfield	180	12	59	b/d	03·8	-13	47	45	-	-	8	4	-	-	4	70	1
Elmdon	160	11	48	c/d	01·5	-17	49	46	5	-	-	8	8	20	2	09	1
Cottesmore	160	13	57	c	03·9	-17	46	44	5	-	-	6	*	28	-	-	1
Watnall	180	08	58	c	02·4	-18	48	46	6	-	-	8	8	22	6	11	1
Ross-on-Wye	180	12	48	cr	00·8	-12	49	46	-	2	-	8	8	10	-	-	1
Shawbury	160	17	50	ro	99·2	-17	49	46	6	2	-	8	8	15	7	10	1
Bristol	180	14	56	dro	01·7	-11	49	47	6	-	-	8	8	15	5	09	1
Plymouth	170	13	48	rr	00·4	-12	49	48	7	2	-	8	8	20	6	12	2
Chivenor	160	20	48	ro	98·49	-18	50	48	6	2	-	8	8	40	6	09	1
St. Eval	180	28	28	do	97·0	-11	50	50	6	-	-	8	8	08	3	06	2
Culdrose	190	30	66	cd	98·3	-11	51	50	6	-	-	8	8	15	-	-	1
Scilly, St. Mary's	190	13	58	c	95·2	+07	50	49	5	-	-	8	8	08	-	-	2
Guernsey	160	20	63	o/r	04·0	-10	47	47	6	-	-	8	8	03	-	-	1
Aberporth	160	24	56	rr	96·0	-08	49	48	6	-	-	8	8	07	-	-	2
Pembroke Dock	170	19	48	ro	96·7	-08	50	49	6	-	-	8	8	04	-	-	2
Holyhead (Valley)	170	26	48	dro	94·1	-20	49	47	6	-	-	8	8	22	5	12	1
Manchester	170	20	58	c/d	99·4	-21	49	45	5	-	-	8	8	18	4	15	2
Squires Gate	150	18	58	c/r	97·6	-22	48	46	5	7	-	8	3	25	1	15	1
Silloth	180	12	48	ro	96·5	-29	48	47	5	-	-	8	8	18	-	-	2
Lindholme	180	10	48	c	01·8	-17	47	45	5	-	-	8	6	20	-	-	1
Spurn Head	170	12	56	o	03·6	-18	42	42	6	-	-	8	8	10	-	-	1
Dishforth	140	12	09	cf	00·8	-19	43	42	6	-	-	8	8	19	5	12	1
Tynemouth	170	03	32	o	99·8	-17	44	43	6	-	-	8	8	28	-	-	1
Leuchars	180	02	66	c	98·0	-07	44	43	5	-	-	8	8	28	-	-	2
Eskdalemuir	150	08	48	ir	96·9	-20	44	43	7	-	-	8	8	03	-	-	2
Prestwick	120	22	56	rr	93·7	-23	47	45	6	2	-	8	8	30	5	15	1
West Freugh	120	24	28	ro	93·1	-30	44	44	6	-	-	8	8	05	-	-	1
Ronaldsway	140	20	29	dd	94·5	-27	46	46	6	-	-	8	8	07	3	02	1
Tiree	130	23	59	rr	89·3	-38	46	45	6	-	-	8	8	30	5	12	1
Benbecula	120	18	64	c	90·4	-33	46	46	6	-	-	8	8	28	3	09	1
Stornoway	120	06	66	c	92·8	-14	44	42	5	-	-	8	8	26	-	-	2
Cape Wrath	230	05	82	b	94·7	+04	44	34	-	-	-	0	-	-	-	-	1
Sule Skerry	180	02	82	b	94·7	00	44	41	-	-	-	0	-	-	-	-	1
Renfrew	110	14	39	ir	95·0	-29	48	44	6	-	-	8	8	30	3	10	2
Dyce	170	02	58	ir	98·2	-03	44	42	6	-	-	8	7	60	2	06	1
Wick	120	06	74	c	95·9	-06	41	39	-	-	6	7	-	-	7	78	2
Lerwick	-	0	59	c/d	97·2	+13	41	41	5	-	-	6	6	35	-	-	1
Blacksod Point	160	17	66	jp	82·6	+05	49	44	9	-	-	3	3	15	-	-	1
Malin Head	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove	140	23	50	cd	89·7	-20	49	47	6	-	*	8	8	09	-	-	2
Castle Archdale	160	13	58	ro	86·2	-20	50	48	6	-	-	8	8	20	2	08	2
Birr Castle	220	06	70	c	89·2	+25	49	43	5	-	-	8	8	28	-	-	1
Collinstown	180	13	62	cr	91·2	-12	49	48	5	-	-	8	8	26	3	13	1
Rineanna	160	14	80	b	88·4	+26	47	43	5	-	-	2	2	40	-	-	1
Valentia	170	19	74	b	86·9	+06	51	46	2	-	-	1	1	22	-	-	1
Midleton	200	12	74	b	91·3	+17	48	46	5	-	-	1	1	32	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather 21h.–03h. (39)	Weather 03h.– 09h. (40)	Temperature 21h.–09h. Min. °F. (41)	Temperature 21h.–09h. Min. on Grass °F. (42)	Rain 21h. 09h. mm. (43)
Kew	cm, cl, bc	bc, cm	47	40	Tr
London Airport	cl, b, mc, cm	o, mo, b, cm	45	40	Tr
Tangmere	cm	cm	45	45	-
Bournemouth (Hurn	cd, bc, m	cm, cl, b, bc	47	45	Tr
Boscombe Down	cir, cl, b, cm	cl, b, m	46	44	0·1
Felixstowe	cl, b, m, cm	o, fl, b, m, c, m	41	40	Tr
Gorleston	b, m, c, m	cm, b, f, b, cm	41	37	-
West Raynham	cm	cm	45	43	-
Mildenhall	cm	cm, b, c, c, m	46	44	-
Cranfield	c, c, l, b, m	b, c, c, l, b, m	45	42	Tr
Elmdon	cm, cl, b, m	cm, cl, b, m	45	40	0·1
Cottesmore	cl, b, r, cm	cm, c	45	42	Tr
Watnall	cm, b, cm, cm	cm	43	39	-
Ross-on-Wye	cm	c, o, r	47	41	1
Shawbury	b, c, m, cm	cm, o, r, r, m, c	44	37	Tr
Bristol	b, c, m, w, c, d	c, b, r, d	45	39	0·3
Plymouth	c, r, d, m	r, r, m, c, m	49	48	9
Chivenor	cl, b, c, c, r	c, r, r, m	50	48	3
St. Eval	l, d, m, c, r, r, m	c, d, r, m, c	49	48	9
Culdrose	o, l, b, l, r, r, r	r, a, i, r, l, d, r, m, fc	49	48	8
Scilly, St. Mary's	r, r, i, r	o, i, n, c	50	*	9
Guernsey	c	b, c, c, l, r, c	47	45	Tr
Aberporth	cm, o, l, d, d, d, r, r, m	r, r, r, m	48	45	12
Pembroke Dock	c, l, r, r, m	r, r, r, r, m	49	48	15
Holyhead (Valley)	cm, o, c, l, r, m	r, c, r, d, m, o	46	45	3
Manchester	b, l, c, c	c, l, d, r, d	46	43	Tr
Squires Gate	cm, b, c, c, m	r, r, r, r, c, m	43	38	2
Silloth	b, m, o, c, m	c, r, r, l, r, m, c	46	42	1
Lindholme	b, c, m, c, m	b, m, c, m, c, l, r, m	43	39	Tr
Spurn Head	o, m, b, m	o, m	40	*	-
Dishforth	b, f, c, f	c, l, r, m	41	34	0·1
Tynemouth	b, m, c, m	b, m, c, m, d	44	36	Tr
Leuchars	b, c, b	r, r, m	43	37	2
Eskdalemuir	o, f, o	o, r, r, m	43	43	5
Prestwick	cm, b, c, c	c, l, r, r, d, r, o, c	47	45	Tr
West Freugh	c, m	r, r, m, i, d, m	44	30	5
Ronaldsway	c, c, l, r	r, r, r, d, d, o	46	44	5
Tiree	b, c, c, l, r	b, r, r, d, l, d, m, o	41	38	5
Benbecula	c, b, c, b	c, l, r, r, o, r, o	42	37	1
Stornoway	p, r, b	i, r	38	37	2
Cape Wrath			39	33	3
Sule Skerry	c	r, r, r	47	44	2
Renfrew	b, c, m, o	c, l, r, r, c, m, o	41	34	Tr
Dyce	c, i, r, b, w	b, w, c	37	36	1
Wick	c, m, b, c, c, m, o	b, e, c, i, d, o, c	36	28	0·2
Lerwick	r	d	46	44	4
Blacksod Point			46		3
Malin Head					
Aldergrove	b, c, c, i, r	c, i, r, d, o, m, o, c	46	44	3
Castle Archdale	b, c, c, r, o, r, o, m	c, r, o, d, o, c, r, o, m, c, b	45	41	3
Birr Castle	r	r	44	37	3
Collinstown	d	r	45	41	2
Rineanna	d	b, c	46	42	3
Valentia	r	p	48	44	7
Midleton	d	r	48	44	7

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med.	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 54′	19° 06′	988	+03	070	26	b	c	45	49	43	98	5	3	-	1	2	9½
MERMOZ	52° 24′	20° 00′	973	00	220	12	bc	bc	50	50	45	70	9	-	3	3	5	9½
POLAR FRONT	66° 06′	01° 30′E	1000	+08	090	36	pr	p	39	40	34	97	9	-	-	8	8	8
CUMULUS	42° 54′	15° 54′	992	+06	230	34	pr	bc	55	55	45	65	9	-	-	8	8	14
WEATHER WATCHER	61° 54′	32° 48′	995	+17	140	13	c	c	37	41	29	98	5	-	-	6	6	5
U.S SHIP 'C'	52° 48′	35° 30′	997	+07	320	25	b	c	40	45	36	65	2	-	-	8	8	14
U.S SHIP 'D'	44° 00′	41° 00′	1003	+05	270	14	pr	p	57	53	48	63	5	-	-	8	8	8
HORORATA	45° 54′	20° 12′	985	+05	260	44	dq	p	52	56	50	97	7	1	-	1	8	25½
EMPRESS OF AUSTRALIA	54° 54′	21° 00′	982	+02	110	10	jp	bc	48	52	46	98	7	-	-	5	5	*
APAPA	42° 18′	10° 30′	1005	+24	220	24	pr	d	55	57	55	40	7	-	-	8	8	*

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. Air °F	Temp. Sea °F	Temp. Dew Point °F	† Visibility	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	58° 54′	19° 00′	988	-02	060	34	c	c	44	49	44	97	5	-	-	8	8	11
MERMOZ	52° 30′	20° 00′	975	+04	260	14	b	b	50	50	45	70	-	-	2	0	2	8
POLAR FRONT	66° 06′	01° 18′E	1002	+14	080	29	c	p	37	40	31	99	x	x	x	8	8	13
CUMULUS	44° 54′	16° 00′	995	+24	260	28	c	p	54	55	48	65	8	-	-	6	6	16
WEATHER WATCHER	62° 00′	33° 00′	998	+08	180	09	c	c	39	41	28	98	5	1	-	3	5	5
U.S SHIP 'C'	52° 48′	35° 30′	994	-32	200	08	b	bc	39	45	25	65	2	-	-	2	2	8
U.S SHIP 'D'	44° 00′	41° 00′	1002	00	270	22	o	r	52	46	41	65	6	-	-	8	8	9½
CAPTAIN COOK	44° 36′	21° 42′	1000	+30	290	37	b	p	53	58	42	98	1	-	-	2	2	*
FRANCONIA	50° 00′	31° 00′	998	-27	180	16	b	b	44	55	31	98	-	-	-	0	0	*
MANCHESTER REGIMENT	50° 30′	17° 00′	978	+18	360	13	b	b	49	53	42	98	-	-	-	0	0	*

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† Code figure (see Introduction)

No. 34037

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of Issue Sunday 30th January 1955

OBSERVATIONS at 12h. G.M.T. 29th January 1955

STATIONS (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	† Visibility (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form † Low (9)	Cloud Form † Medium (10)	Cloud Form † High (11)	Cloud Total amount 0–8 (12)	Cloud Main layer Amt. 0–8 (13)	Cloud Main layer † Ht. (14)	Cloud Lowest layer Amt. 0–8 (15)	Cloud Lowest layer † Ht. (16)
Kew	190	16	59	c	04·1	-08	50	46	5	7	-	7	3	12	-	-
London Airport	180	18	61	c	04·3	-03	50	45	5	2	7	8	3	15	-	-
Tangmere	190	13	57	c	05·4	-02	49	46	6	7	-	8	2	56	1	08
Bournemouth (Hurn	180	18	57	c/r	02·8	-05	49	47	6	7	-	8	5	25	4	08
Boscombe Down	210	11	48	c/o	03·7	-03	48	46	6	-	-	8	8	18	7	05
Felixstowe	200	11	56	c	07·2	+02	45	43	-	7	2	7	-	-	6	62
Gorleston	170	13	48	bc	06·6	-03	44	42	2	4	6	5	2	28	-	-
West Raynham	170	14	66	c	03·7	-13	48	45	6	7	-	7	2	07	-	-
Mildenhall	180	15	58	c	03·8	-13	49	44	6	4	6	7	1	10	-	-
Cranfield	180	15	61	c	02·9	-08	50	45	5	7	-	8	4	20	-	-
Elmdon	180	09	37	d/r	00·7	-09	49	47	6	-	-	8	8	07	-	-
Cottesmore	170	15	61	c	02·9	-03	48	45	6	-	-	7	7	20	-	-
Watnall	140	15	50	c	00·6	-15	49	45	6	-	-	8	8	35	3	18
Ross-on-Wye	180	08	57	c	99·7	-04	50	47	5	-	-	8	8	10	-	-
Shawbury	180	17	57	r/o	98·7	-03	49	46	6	2	-	8	6	12	-	-
Bristol	200	20	40	r/o	00·5	-05	51	47	6	-	-	8	8	20	7	07
Plymouth	200	16	56	c	00·6	+08	52	50	6	1	-	7	3	04	-	-
Chivenor	180	12	82	c	99·5	+09	53	49	5	7	-	4	4	20	-	-
St. Eval	180	17	61	c	99·1	+11	52	49	5	7	2	7	3	12	-	-
Culdrose	200	17	56	c	99·9	+12	51	50	6	7	-	7	3	05	-	-
Scilly, St. Mary's	200	20	56	c	97·2	+10	52	48	5	-	-	7	7	10	-	-
Guernsey	160	16	66	c	04·1	-05	49	46	5	7	-	7	6	35	-	-
Aberporth	180	13	66	c	96·9	+10	51	47	6	7	-	7	7	10	-	-
Pembroke Dock	180	09	58	c	97·8	+11	51	50	6	-	-	8	8	15	6	07
Holyhead (Valley)	160	09	60	c	95·4	+10	48	48	6	-	8	7	3	06	-	-
Manchester	170	18	28	r	98·7	-03	49	45	7	-	-	8	8	10	-	-
Squires Gate	160	22	56	r/o	97·1	-01	49	47	5	7	-	8	6	40	1	10
Silloth	190	17	56	r/o	95·6	+04	50	50	5	2	-	8	8	30	1	06
Lindholme	170	12	66	c	00·8	-05	51	45	6	-	-	7	7	25	4	14
Spurn Head	180	17	58	bc	02·7	-06	45	42	-	5	-	5	-	-	5	59
Dishforth	180	18	40	c	98·6	-13	50	46	6	-	-	8	8	15	3	08
Tynemouth	230	19	32	c	98·0	-08	50	46	-	7	-	6	6	57	-	-
Leuchars	090	04	48	c	94·7	-11	45	43	5	7	-	8	6	30	-	-
Eskdalemuir	220	14	48	RR	95·2	-00	47	46	7	-	-	8	8	05	-	-
Prestwick	180	15	62	c/r	93·2	+09	50	47	7	-	-	7	7	25	6	09
West Freugh	170	12	56	c	93·4	+14	49	47	6	3	-	7	6	12	3	04
Ronaldsway	190	16	56	c	95·1	+04	48	47	6	-	-	7	7	40	1	03
Tiree	170	20	66	b	88·8	+11	49	45	9	3	-	1	-	-	1	58
Benbecula	170	17	74	bc	87·4	-03	49	44	6	3	1	3	1	12	-	-
Stornoway	140	16	58	ir	88·9	-20	47	44	5	2	-	8	7	15	2	09
Cape Wrath	180	09	82	c	90·4	-25	48	39	5	7	-	7	4	20	-	-
Sule Skerry	130	09	81	p/s	92·6	-13	45	44	5	-	-	8	8	10	-	-
Renfrew	170	09	57	c/o	93·4	+01	50	47	5	-	-	7	7	50	2	14
Dyce	170	18	20	d/r	94·8	-26	44	43	6	-	-	8	7	03	-	-
Wick	110	11	58	c	93·1	-24	45	43	5	7	-	8	6	30	2	12
Lerwick	130	03	04	f+	97·9	-04	43	43	-	-	-	9	-	-	-	-
Blacksod Point	160	24	80	bc	85·1	+06	51	42	9	-	-	5	5	29	3	15
Malin Head	230	09	79	bc	88·5	+04	50	43	2	-	-	3	3	21	-	-
Aldergrove	180	18	82	bc	91·6	+12	50	44	6	-	2	4	3	25	2	10
Castle Archdale	170	12	84	bc	89·1	+03	49	43	2	4	-	3	2	20	-	-
Birr Castle	180	19	80	b	89·3	-10	52	44	8	6	1	1	1	25	-	-
Collinstown	170	10	74	bc	93·0	+05	52	43	1	3	-	4	4	25	-	-
Rineanna	160	22	74	p/s	88·8	-06	52	44	2	-	-	6	6	25	-	-
Valentia	160	23	64	p/r	84·8	-22	50	48	3	-	-	8	8	17	-	-
Midleton	170	17	59	bc	91·1	-06	51	47	5	-	-	5	5	20	-	-

OBSERVATIONS at 18h. G.M.T. 29th January 1955

STATIONS	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	† Visibility (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form † Low (25)	Cloud Form † Medium (26)	Cloud Form † High (27)	Cloud Total amount 0–8 (28)	Cloud Main layer Amt. 0–8 (29)	Cloud Main layer † Ht. (30)	Cloud Lowest layer Amt. 0–8 (31)	Cloud Lowest layer † Ht. (32)	21 h. † State of ground (33)
Kew	180	10	23	c	04·0	+03	49	46	6	7	-	7	6	20	-	-	1
London Airport	190	09	58	c/r	03·8	+04	49	46	5	2	-	7	3	21	1	18	1
Tangmere	200	14	58	ir	04·9	+04	49	45	5	7	-	8	4	35	-	-	2
Bournemouth (Hurn	180	14	48	c	03·2	+06	49	46	5	7	-	7	7	20	-	-	1
Boscombe Down	200	08	56	c	03·6	+07	49	48	6	-	-	8	8	18	3	09	1
Felixstowe	200	12	56	c	06·3	+06	42	40	-	7	-	8	-	-	8	62	1
Gorleston	200	17	56	c	05·3	+02	44	41	5	-	-	7	7	35	-	-	0
West Raynham	190	14	62	c	03·0	+04	48	45	5	-	-	8	8	18	-	-	1
Mildenhall	200	09	48	c	03·2	+03	50	45	6	2	-	8	4	10	-	-	1
Cranfield	190	13	57	c	02·4	+15	48	45	-	7	8	7	-	-	3	65	1
Elmdon	160	04	44	c	00·7	+10	47	45	6	4	8	7	1	10	-	-	1
Cottesmore	200	13	57	c/d	02·8	+03	48	43	8	-	-	6	6	10	-	-	1
Watnall	190	14	48	c	00·6	+07	48	47	5	1	-	6	5	25	2	15	1
Ross-on-Wye	210	08	63	c	00·1	+08	50	45	8	-	1	7	1	25	-	-	1
Shawbury	180	12	63	c	98·7	+05	48	45	5	7	1	7	1	30	-	-	1
Bristol	200	11	37	c	01·1	-02	50	46	5	7	2	7	1	25	-	-	1
Plymouth	180	17	56	c	01·1	+06	51	49	5	7	-	7	5	20	-	-	1
Chivenor	170	17	74	c	99·8	+03	51	46	1	3	-	7	5	17	-	-	1
St. Eval	190	15	61	c	98·8	+05	51	49	5	7	-	7	7	15	-	-	1
Culdrose	200	18	56	c	99·9	+02	50	48	6	4	-	7	5	20	3	05	1
Scilly, St. Mary's	200	20	56	bc	97·2	+04	52	40	8	-	-	3	3	16	-	-	1
Guernsey	170	12	66	c	04·5	+06	50	48	5	7	2	7	3	30	-	-	1
Aberporth	170	22	59	ir	96·1	-05	50	46	6	-	8	8	7	12	-	-	1
Pembroke Dock	180	16	58	c	97·4	+01	51	47	5	-	-	7	7	12	-	-	1
Holyhead (Valley)	160	20	61	c	94·0	-03	49	45	6	-	-	8	8	12	-	-	1
Manchester	170	16	32	c	98·0	-00	49	45	-	3	2	7	-	-	4	59	2
Squires Gate	150	16	28	c	96·6	-02	49	46	5	-	8	7	4	22	-	-	1
Silloth	190	10	62	c	95·5	+02	47	43	9	6	2	6	1	20	-	-	1
Lindholme	160	10	32	bc	99·7	+01	48	47	5	-	-	5	5	24	-	-	1
Spurn Head	180	15	40	d/o	01·5	00	45	44	6	-	-	8	8	20	-	-	1
Dishforth	160	08	20	bc	98·1	-00	47	45	5	-	-	4	4	20	-	-	1
Tynemouth	180	15	32	c	97·5	+01	49	46	5	3	-	7	2	24	-	-	1
Leuchars	210	04	62	c	93·9	00	47	43	5	7	-	7	7	32	2	20	2
Eskdalemuir	180	08	58	b	94·6	-06	44	43	7	-	-	1	1	08	-	-	2
Prestwick	160	15	66	c	92·1	-04	50	44	5	4	-	7	6	20	2	14	1
West Freugh	150	13	58	c	91·5	-12	48	46	6	-	-	7	7	20	5	08	1
Ronaldsway	160	20	58	c/r	93·8	-08	48	46	6	-	-	8	8	12	3	08	1
Tiree	150	25	66	ir	85·6	-20	47	44	5	3	2	6	4	50	-	-	1
Benbecula	150	32	74	bc	85·4	-10	47	43	5	3	1	4	1	35	-	-	1
Stornoway	180	13	82	b	87·5	-07	47	43	5	-	-	1	1	50	-	-	2
Cape Wrath	180	05	82	b	89·1	-03	47	43	5	-	-	2	2	30	-	-	1
Sule Skerry	180	05	82	bc	88·5	-12	43	44	3	-	-	3	3	15	-	-	
Renfrew	130	08	48	c	92·5	-05	49	43	5	-	1	6	4	15	2	10	1
Dyce	210	17	58	bc	92·9	-07	47	41	8	3	1	5	3	30	1	05	1
Wick	150	11	23	b	90·5	-01	44	42	-	3	-	1	-	-	1	62	2
Lerwick	140	16	10	nr	92·0	-24	43	43	7	-	-	8	8	01	-	-	2
Blacksod Point	180	30	80	c/pr	81·7	-14	48	46	9	-	-	7	7	15	-	-	
Malin Head	130	13	64	c	84·8	-20	49	45	2	-	-	6	3	21	-	-	
Aldergrove	140	16	63	ir	88·7	-16	48	46	6	-	-	7	7	20	3	10	1
Castle Archdale	180	15	66	c/pr	85·6	-15	49	45	8	-	-	7	6	18	2	12	1
Birr Castle	180	12	71	c	88·0	+06	50	42	6	-	-	7	7	21	-	-	
Collinstown	200	16	66	c	91·0	-07	52	43	6	-	-	7	7	30	6	18	
Rineanna	200	15	80	bc	88·1	+17	49	43	3	-	-	5	5	35	2	25	
Valentia	200	15	74	c	88·2	+25	49	45	9	-	-	6	6	21	-	-	
Midleton	200	15	74	bc	91·3	+14	50	46	5	-	-	4	4	24	-	-	

OBSERVATIONS during DAY

STATIONS	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	cmo c i r o	cmo i r o m o	51	0·5	Tr
London Airport	c m o r o m o c m o d o m o	c m o d o r o c m o d o	51	*	Tr
Tangmere	c m o c i r o	c r o r o m o	49	0·0	0·3
Bournemouth (Hurn	c d o d o m o c i r o m o c m o	c m o	50	*	Tr
Boscombe Down	c i d o c r o r o m o	c m o l o c m o	49	0·0	1
Felixstowe	c m o	c i r o m o c m o	46	2·0	Tr
Gorleston	b c m o	c m o	47	1·0	-
West Raynham	c m o c	c	50	0·5	-
Mildenhall	c m o	c m o c b c	53	0·7	-
Cranfield	c	c i d o m o c m o	51	0·0	Tr
Elmdon	c m o c r o d o	c i d o c m o	49	0·0	0·2
Cottesmore	c c i d o m i r o	c d o d o m c m o	49	0·0	0·1
Watnall	c m o r o m o	o d d m o c m o	50	0·0	0·2
Ross-on-Wye	o o d o c	c	52	0·1	0·1
Shawbury	c r o r o m o c	c	51	0·1	0·1
Bristol	c i d o r o c	c	52	0·0	1
Plymouth	c i d o m o c m o	c m o	52	0·1	0·1
Chivenor	c r o r o m o c	c c i r o m o	55	0·3	0·2
St. Eval	c	c c p r o m o c	53	0·1	0·0
Culdrose	o c	c i r o c	52	0·1	Tr
Scilly, St. Mary's	c	c b c b l	53	1·2	-
Guernsey	c i d o	c i d o c	51	0·0	Tr
Aberporth	o r r m o c	c c r r o m o	51	0·3	1
Pembroke Dock	c m o	c m o c i r o p r o c	52	0·0	0·2
Holyhead (Valley)	c	c r r o r o	50	1·0	1
Manchester	c i d o c	c	51	0·0	0·3
Squires Gate	c m o i r o m o c m o	c m o	51	0·3	Tr
Silloth	c r o r o m o c	c c p r o	52	0·0	1
Lindholme	c c m o	c m o b c m o	51	0·1	0·1
Spurn Head	o b m o b c	c o b d o d o o	47	0·0	0·2
Dishforth	c i r o m o c m o	c m o b c m c m o	50	0·0	Tr
Tynemouth	c m o	c m o	50	0·0	-
Leuchars	c r r m o r o c	c b c c	48	0·0	1
Eskdalemuir	o r r m o R R m o	c p r o m o	47	0·0	15
Prestwick	c r o i d o b c	b c c c i r o c	52	2·8	Tr
West Freugh	c m j p	c c i r o m	50	0·7	Tr
Ronaldsway	c r o r o c	c c r o r o c	49	0·0	1
Tiree	c i r o b	b b b c i r o p r o	49	4·8	0·3
Benbecula	c d o d o m o b c	c b c c p r o r o	51	3·1	2
Stornoway	c r o r o c	b c	49	1·8	2
Cape Wrath	c i r	b	51	*	0·3
Sule Skerry				*	
Renfrew	c i r o c	c m o p r o	52	2·9	0·3
Dyce	c i r o f r r m o	c m o b c	47	0·0	3
Wick	c i r o m o	c b m o w	45	0·0	1
Lerwick	c f i c o	o R R o f o	44	0·0	9
Blacksod Point	p	p	52	2·3	2
Malin Head	p b c	c	52	6·1	-
Aldergrove	c b c	b c c i r o c	52	5·1	Tr
Castle Archdale	b c	c p r o	52	4·8	0·3
Birr Castle	b	p	52	3·4	0·3
Collinstown	c	c	54	4·7	Tr
Rineanna	p	p	53	2·7	Tr
Valentia	p	p	52	1·4	6
Midleton	p b c	p	52	2·6	0·3

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 0′	19° 0′	987	-07	050	32	p/s	p	45	49	44	98	8	-	-	8	8	14
MERMOZ	52° 36′	19° 54′	979	+30	290	16	p/s	bc	50	51	45	60	9	6	3	5	7	9½
POLAR FRONT	66° 18′	01° 18′E	1005	+16	080	24	c	p	37	39	26	98	7	-	-	7	8	11
CUMULUS	44° 54′	16° 0′	1004	-53	280	29	b/p/r	c	54	55	43	70	9	6	-	4	5	16
WEATHER WATCHER	62° 0′	32° 54′	998	00	090	15	c	r	41	41	37	98	8	7	4	1	7	6½
U.S. SHIP "C"	52° 48′	35° 30′	983	-75	160	35	b/c/r	c	41	46	36	69	6	7	-	2	3	8
U.S. SHIP "D"	44° 0′	41° 0′	1006	+19	270	25	c	bc	48	64	56	65	5	-	-	7	7	9½
EDINBURGH CASTLE	49° 24′	11° 6′	1009	+28	270	13	b	c	59	59	49	99	1	-	5	1	2	6½
HORORATA	45° 54′	20° 18′	1002	+40	290	37	c	c	52	56	43	99	4	-	-	6	6	1½
CAPTAIN COOK	44° 18′	22° 48′	1006	+30	280	24	bc	bc	55	54	53	98	5	9	-	3	4	11

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 0′	19° 6′	984	-11	050	31	c	c	46	49	40	98	8	-	-	7	7	15
MERMOZ	52° 42′	20° 12′	983	+22	280	27	bc	p	52	54	45	70	9	-	3	5	5	9½
POLAR FRONT	66° 0′	02° 0′E	1006	+03	090	20	c	c	39	45	37	98	8	-	2	5	7	9½
CUMULUS	44° 48′	15° 36′	1005	+08	300	21	bc	bc	40	56	43	70	8	4	-	3	4	17½
CIRRUS	51° 24′	02° 6′E	1006	+02	170	17	c	c	46	42	48	58	5	7	1	1	6	3
U.S. SHIP "C"	52° 48′	35° 30′	987	+12	290	31	bc	bc	41	46	28	69	1	-	-	5	5	9½
U.S. SHIP "D"	44° 0′	41° 0′	1010	+25	270	30	c	bc	49	63	38	63	5	-	-	7	7	14
TINTO	56° 36′	05° 36′E	1003	-03	200	15	c	c	42	42	42	95	-	-	-	9	9	5
ESSO CANTERBURY	41° 0′	09° 36′	1009	+04	290	18	b	b	56	58	50	98	2	-	-	2	2	13
ARAKAKA	48° 48′	11° 6′	995	+12	220	24	bc	bc	54	53	50	99	2	-	-	3	4	9½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Saturday 29th January

1955

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ◔ Sky 1/8 covered ◑ Sky 2/8 covered ◕ Sky 3/8 covered ◑ Sky 4/8 covered ◑ Sky 5/8 covered ◑ Sky 6/8 covered ◑ Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

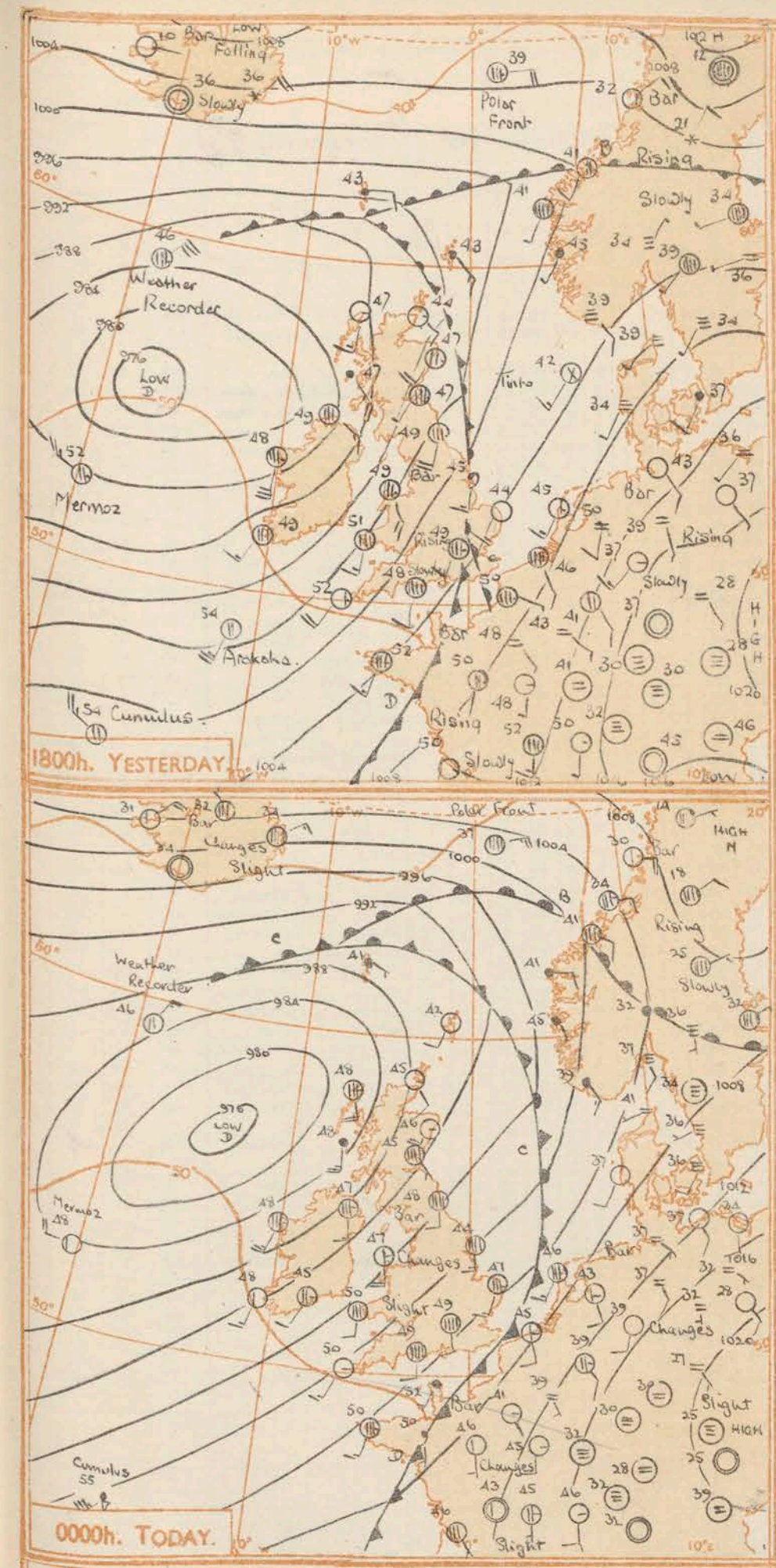
WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm T Thunder ≡ Fog ≡ Mist

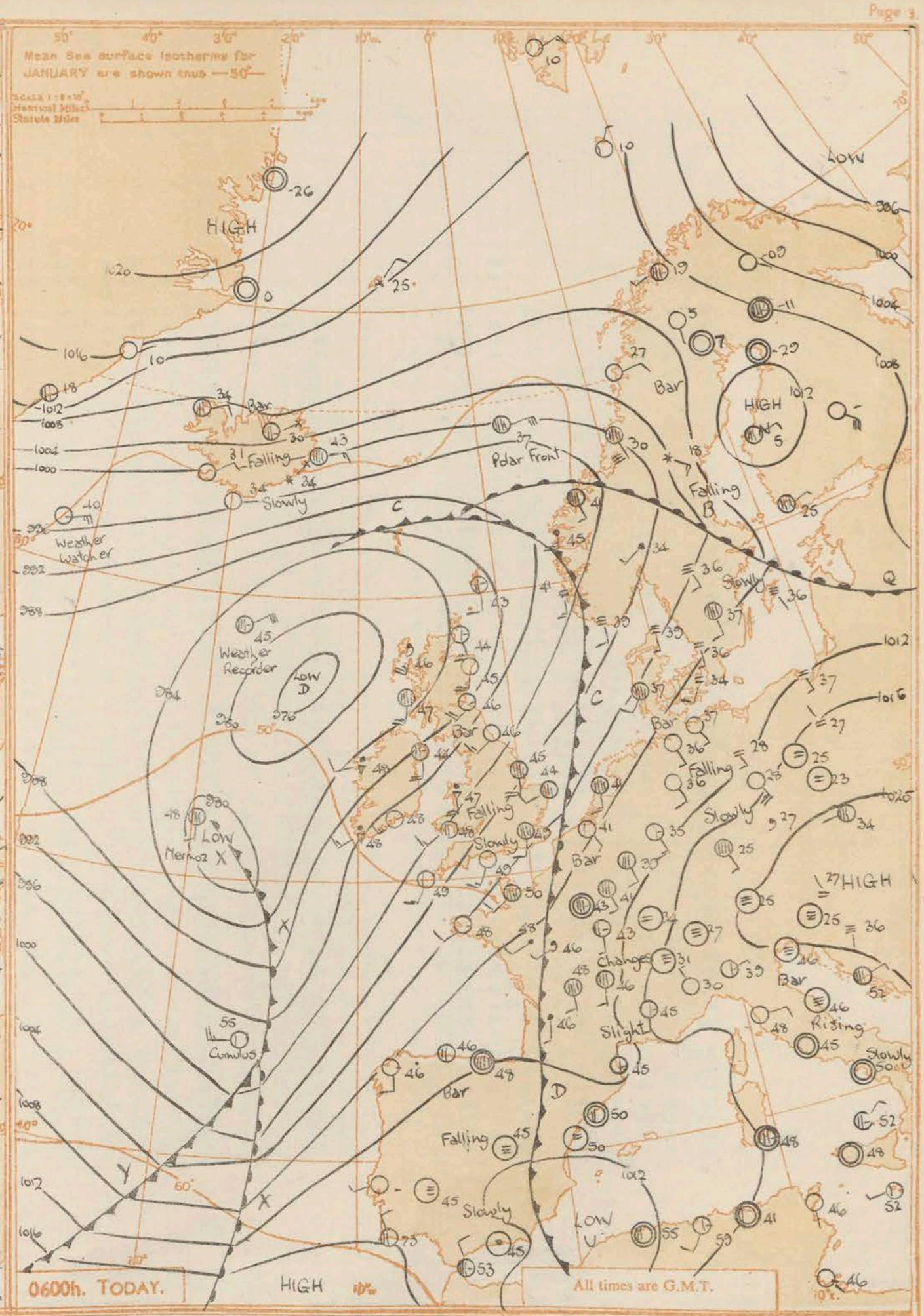
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= 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.





GENERAL SYNOPTIC DEVELOPMENT:-

A complex depression west of Ireland moved slowly northeast, and a cold front moved east across the British Isles. A new depression formed in mid-Atlantic and moved east-southeast. It is expected to turn on to a more easterly track and slow down and deepen as it approaches Southwest England.

Issued at Mid-day today Sunday 23rd January 1955

FORECAST FOR BRITISH ISLES until noon tomorrow:-

All parts of the British Isles will have bright periods with scattered showers which will mainly occur in northern and western districts. Cloudy weather with rain is expected to reach southwest England during the afternoon and spread to Wales, the Midlands, and Southeast England during the night, it will be mild in all areas.

OUTLOOK FOR the following 24 hours:-

Continuing mild and unsettled, with rain at times but some bright periods.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 30th January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees) (1)	Wind: Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure: Bar at M.S.L. mb (5)	Pressure: Change in 3 hrs. (6)	Temp.: Dry Bulb °F. (7)	Temp.: Dew point °F. (8)	Cloud: Form Low † (9)	Cloud: Form Medium † (10)	Cloud: Form High † (11)	Cloud: Total amount 0–8 (12)	Cloud: Main layer Amt. 0–8 (13)	Cloud: Main layer Ht. † (14)	Cloud: Lowest layer Amt. 0–8 (15)	Cloud: Lowest layer Ht. † (16)
Kew	18	*	*	*	*	*	*	49	*	*	*	*	*	*	*	*	*
London Airport	82	170	09	60	c	03·2	-10	49	47	6	-	-	8	8	14	6	11
Tangmere ...	53	190	12	48	ir.	04·7	-04	48	47	6	2	-	8	8	56	3	08
Bournemouth (Hurn	34	190	13	59	c/r	03·3	00	49	47	6	7	-	8	5	21	3	05
Boscombe Down	414	210	10	58	c	03·3	-02	48	47	6	-	-	7	7	08	4	06
Felixstowe ...	10	200	18	62	c	05·7	-05	40	39	-	3	-	6	6	57	-	-
Gorleston ...	5	190	16	56	c/pr	04·8	-06	47	44	-	7	-	7	7	56	-	-
West Raynham	250	190	15	60	o	02·9	-02	48	46	6	-	-	8	8	08	-	-
Mildenhall ...	15	200	12	61	c	03·1	-03	50	47	6	7	-	8	2	10	-	-
Cranfield ...	340	190	15	61	c	02·4	-05	49	45	5	-	-	8	8	23	-	-
Elmdon ...	324	180	14	66	bc	99·5	-07	49	45	-	3	-	4	1	-	4	60
Cottesmore ...	440	180	13	63	c	01·9	-06	47	45	5	7	-	8	4	20	-	-
Watnall ...	366	190	13	59	c	00·1	-02	48	46	5	-	-	8	8	18	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	180	09	66	c	98·2	-02	49	45	5	7	-	8	2	20	-	-
Bristol	192	180	12	63	o	00·9	-02	50	46	6	-	-	8	8	13	-	-
Plymouth ...	90	210	15	56	c	01·6	+03	50	49	5	7	-	8	2	20	-	-
Chivenor ...	20	190	14	63	c/r	00·3	+03	51	47	5	-	-	7	7	56	4	15
St. Eval... ...	336	190	16	61	b	00·3	+05	49	47	2	-	-	1	1	15	-	-
Culdrose ...	260	220	20	66	b/pr	01·0	+02	50	47	8	-	-	3	2	22	1	12
Scilly, St. Mary's	158	200	17	58	b	98·6	+04	50	47	5	-	-	1	1	16	-	-
Guernsey ...	340	180	12	74	c	04·8	+00	50	48	5	-	-	7	3	20	-	-
Aberporth ...	375	200	13	56	pr.	96·9	+05	49	45	8	-	-	7	7	26	6	13
Pembroke Dock	34	180	10	62	c	97·8	+01	50	48	5	-	-	6	6	15	-	-
Holyhead (Valley)	32	180	18	61	bc/pr	94·1	-02	47	46	5	-	-	3	3	25	-	-
Manchester ...	248	170	22	58	c	96·8	-04	48	44	5	7	-	7	3	30	-	-
Squires Gate ...	33	160	12	56	c	96·1	-03	48	45	5	-	-	7	4	42	1	25
Silloth	25	190	15	63	c/pr	98·6	-07	48	47	8	-	-	6	5	35	4	18
Lindholme ...	21	160	15	61	c	99·3	-07	49	45	-	7	-	8	-	-	8	60
Spurn Head ...	29	180	15	32	c	01·3	-02	44	42	5	-	-	8	8	20	-	-
Dishforth ...	105	160	18	37	c	97·9	-03	47	44	5	-	-	8	8	35	-	-
Tynemouth ...	108	180	11	48	o	96·5	-07	48	44	-	2	-	8	8	56	-	-
Leuchars ...	36	140	04	62	c/r	92·0	-09	45	43	5	-	-	8	8	46	-	-
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	160	13	62	c	96·5	-08	50	45	5	-	-	7	6	19	3	16
West Freugh ...	50	160	10	58	bc	96·6	-04	48	45	6	3	1	4	2	10	-	-
Ronaldsway ...	55	200	18	58	b	93·1	-04	48	45	6	-	-	2	2	12	-	-
Tiree	29	180	27	62	ir.	83·1	-10	48	43	5	7	-	8	5	28	-	-
Benbecula ...	18	160	18	63	ir.	81·4	-15	47	45	6	-	-	8	8	16	-	-
Stornoway ...	10	160	19	74	c/pr	83·6	-20	48	44	8	-	-	7	7	42	3	20
Cape Wrath ...	367	180	13	83	bc	85·7	-26	45	35	8	-	-	5	5	25	-	-
Sule Skerry ...	43	180	09	82	bc	86·1	-14	46	42	5	-	-	3	3	15	-	-
Renfrew ...	28	190	22	63	b	89·5	-08	48	44	2	-	-	2	2	18	-	-
Dyce	185	190	22	66	b	89·8	-27	46	42	8	-	2	1	1	30	-	-
Wick	119	140	12	74	b	88·5	-14	45	41	-	3	-	1	-	-	1	58
Lerwick ...	269	210	10	63	b	89·7	-07	42	42	-	-	-	0	-	-	-	-
Blacksod Point	18	200	24	70	jp	85·4	+15	48	46	9	-	-	7	7	39	6	11
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	180	14	61	c/pr	88·6	00	47	45	8	-	-	7	7	19	4	15
Castle Archdale	225	190	13	66	pr.	87·6	+15	45	42	8	-	-	7	7	33	4	15
Birr Castle ...	231	180	11	80	bc	89·8	+03	46	40	8	-	-	5	5	34	-	-
Collinstown ...	226	210	15	74	b	91·3	-00	48	41	5	-	-	1	1	30	-	-
Rineanna ...	10	180	14	66	pr.	90·3	+10	46	44	8	-	-	6	6	33	2	20
Valentia ...	30	190	14	75	b	90·3	+09	48	45	3	-	-	2	2	23	-	-
Midleton ...	30	220	08	10	bc/r	92·7	+02	45	44	9	-	-	5	5	17	-	-

OBSERVATIONS at 06 h. G.M.T. 30th January 1955

Stations	Wind: Direction (degrees) (17)	Wind: Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure: Bar at M.S.L. mb (21)	Pressure: Change in 3 hrs. (22)	Temp.: Dry Bulb °F. (23)	Temp.: Dew point °F. (24)	Cloud: Form Low † (25)	Cloud: Form Medium † (26)	Cloud: Form High † (27)	Cloud: Total amount 0–8 (28)	Cloud: Main layer Amt. 0–8 (29)	Cloud: Main layer Ht. † (30)	Cloud: Lowest layer Amt. 0–8 (31)	Cloud: Lowest layer Ht. † (32)	09h. State of ground † (33)
Kew	230	12	56	c	02·7	-02	49	47	5	-	-	7	7	20	-	-	1
London Airport	190	10	61	c/r	02·3	-04	49	46	6	-	-	8	8	37	3	13	1
Tangmere ...	210	13	57	c	03·9	-04	48	47	5	7	-	8	6	28	4	15	1
Bournemouth (Hurn	210	12	59	c	02·6	-01	50	47	6	-	-	7	7	12	-	-	1
Boscombe Down	220	08	60	b	02·5	-02	47	45	5	-	-	2	2	18	-	-	1
Felixstowe ...	200	10	50	o	04·0	-08	42	40	-	2	-	8	8	56	-	-	2
Gorleston ...	230	08	62	o	03·4	-03	44	42	-	2	-	8	8	20	-	-	1
West Raynham	190	16	66	c	00·7	-10	48	45	5	-	-	8	8	57	-	-	1
Mildenhall ...	200	10	59	c	01·3	-11	50	46	-	7	-	8	-	-	8	59	1
Cranfield ...	200	18	69	c	00·8	-07	49	45	5	7	-	8	5	17	-	-	1
Elmdon ...	190	10	66	b	98·6	-01	47	45	-	-	-	0	-	-	-	-	1
Cottesmore ...	180	10	59	c	00·2	-08	48	45	5	7	-	8	5	15	-	-	1
Watnall ...	190	12	59	bc	98·1	-08	48	45	5	-	-	4	4	35	-	-	1
Ross-on-Wye ...	210	19	70	b	98·5	-06	48	44	6	-	-	2	2	20	-	-	1
Shawbury ...	200	15	66	bc	96·9	-11	48	37	5	-	-	3	3	25	-	-	1
Bristol	200	06	59	pr.	00·2	-03	49	44	8	7	-	7	4	20	-	-	1
Plymouth ...	260	12	58	b	01·5	+02	49	46	-	-	-	0	-	-	-	-	1
Chivenor ...	210	16	74	bc/pr	99·9	+02	48	44	2	-	2	4	4	20	-	-	1
St. Eval... ...	200	16	61	b	00·1	+03	47	45	-	-	-	0	-	-	-	-	1
Culdrose ...	220	17	62	b	01·1	+02	49	47	2	-	-	1	1	18	-	-	2
Scilly, St. Mary's	210	16	61	b	99·3	+02	49	45	5	-	-	2	2	12	-	-	1
Guernsey ...	190	16	74	bc	04·6	-00	49	47	5	7	-	5	3	20	-	-	1
Aberporth ...	200	14	74	bc/pr	96·7	+01	48	44	8	-	-	4	3	12	-	-	1
Pembroke Dock	220	13	62	bc	97·7	+01	48	46	5	-	-	4	4	12	-	-	1
Holyhead (Valley)	180	20	61	pr.	93·7	-03	47	45	8	-	-	7	7	22	4	17	1
Manchester ...	170	14	58	bc	96·7	-04	47	42	5	3	-	4	2	30	-	-	1
Squires Gate ...	180	14	66	c	95·1	-05	48	42	5	-	-	8	8	30	-	-	1
Silloth	200	19	48	RR	92·0	-13	47	45	7	-	-	8	8	12	-	-	2
Lindholme ...	160	07	63	c	97·8	-06	49	46	5	-	-	8	8	20	-	-	1
Spurn Head ...	180	18	58	c	00·1	-05	45	45	5	-	-	8	8	20	-	-	0
Dishforth ...	220	08	57	bc/pr	96·4	-07	45	43	5	-	-	3	3	30	-	-	1
Tynemouth ...	200	14	58	b	95·0	-07	46	43	-	-	-	0	-	-	-	-	1
Leuchars ...	210	18	66	b	89·2	-15	46	40	5	-	-	1	1	30	-	-	1
Eskdalemuir ...	200	20	58	pr	91·2	-10	43	42	2	-	-	8	8	10	-	-	2
Prestwick ...	180	16	66	b	89·4	-08	46	43	5	-	-	1	1	45	-	-	1
West Freugh ...	200	18	62	bc	90·0	-01	46	43	5	-	-	4	4	41	-	-	1
Ronaldsway ...	200	18	66	c	91·9	-10	48	44	2	-	-	7	7	13	3	10	1
Tiree	190	25	66	c	93·8	+03	47	43	5	7	-	8	8	24	2	12	1
Benbecula ...	180	24	74	bc	80·9	+03	47	45	5	-	-	3	3	30	-	-	1
Stornoway ...	190	25	58	dor.	81·2	-05	46	44	7	-	-	8	8	13	5	08	2
Cape Wrath ...	180	02	82	rr	83·8	-03	43	41	-	2	-	8	8	20	-	-	1
Sule Skerry ...	180	13	81	pr.	82·8	-14	46	43	6	-	-	8	8	10	-	-	2
Renfrew ...	230	05	66	c	88·9	-08	46	42	8	-	-	6	5	21	-	-	1
Dyce	190	20	74	b	88·7	-06	45	40	-	-	-	0	-	-	-	-	1
Wick	150	16	80	bc	85·4	-18	44	41	-	3	-	3	-	-	3	58	2
Lerwick ...	180	10	48	bc/f	86·6	-21	43	43	6	-	-	5	5	05	-	-	2
Blacksod Point	240	09	60	pr	85·9	+03	48	46	9	-	-	8	8	15	-	-	1
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Aldergrove ...	180	18	68	bc	88·6	00	44	42	5	-	-	5	5	38	-	-	1
Castle Archdale	200	12	74	bc	87·2	-02	45	41	8	-	-	3	3	17	-	-	1
Birr Castle ...	220	15	66	r or.	89·4	+03	56	43	6	-	-	8	8	14	-	-	1
Collinstown ...	200	11	74	pr.	91·4	+01	47	41	8	-	-	7	7	27	1	20	1
Rineanna ...	220	21	69	ir.	90·6	+03	47	43	6	-	-	6	6	32	2	18	1
Valentia ...	220	16	74	pr.	91·7	+10	48	42	2	-	-	7	7	22	-	-	1
Midleton ...	210	16	74	b	93·7	+05	48	45	6	-	-	1	1	82	-	-	2

OBSERVATIONS during NIGHT

Stations	Weather: 21h.–03h. (39)	Weather: 03h.–09h. (40)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm (43)
Kew	cir. cm.	cm. c	48	46	Tr
London Airport	cid. cm. c	cc ir. c	48	44	Tr
Tangmere ...	cm. ir. m.	cm.	46	45	Tr
Bournemouth (Hurn	cm. g r. cid.	cm. cpr m b	48	44	0·2
Boscombe Down	bc m. cm.	cm. ir. bc	46	42	0·2
Felixstowe ...	cr. r. m.	cm.	40	39	0·2
Gorleston ...	opr. bm.	or. r. o m.	43	38	0·1
West Raynham	c	c	47	44	-
Mildenhall ...	cc m.	cm. cu	48	45	Tr
Cranfield ...	cm.	cm. c	47	43	-
Elmdon ...	cb cc	cb bc	46	42	-
Cottesmore ...	c	cm. c	47	44	-
Watnall ...	bcm. cm.	cm. bcm.	47	44	-
Ross-on-Wye ...	cc	cb cpr bc	47	43	0·1
Shawbury ...	ccir	bc pr. b	45	41	2
Bristol	ccir. c	cpr. b	46	42	0·1
Plymouth ...	cpr m.	bm. cpr m b m.	47	43	1
Chivenor ...	cir. m. cbc	cpr. bc	47	41	Tr
St. Eval... ...	cb c m. b	cpr. b	45	42	Tr
Culdrose ...	cpr. bbc	bc	47	44	Tr
Scilly, St. Mary's	bc pr bc	bb cb	49	*	0·5
Guernsey ...	cu	cu b c	47	44	-
Aberporth ...	cir. m. pr b bc	cpr. m. bc	46	43	2
Pembroke Dock	bc	cpr bcb	48	42	1
Holyhead (Valley)	cpr. bc	cpr. b cc	47	45	1
Manchester ...	c	cb cc	45	43	-
Squires Gate ...	cm. b cc	cb cc cpr. c	46	43	Tr
Silloth	cpr.	cpr. bc RR cpr.	45	43	3
Lindholme ...	bc m. -	cbc	46	42	-
Spurn Head ...	o	o cv	43	*	-
Dishforth ...	cm.	cm. pr. b c m.	45	41	0·3
Tynemouth ...	om. cm.	bm. b c m.	45	36	-
Leuchars ...	cid. cr. b c	bc	45	40	0·4
Eskdalemuir ...	cpr. m.	cpr m. o m.	42	40	3
Prestwick ...	cb cpr.	cpr bc pr.	45	42	0·5
West Freugh ...	cb c m	cpr. cr.	46	43	0·5
Ronaldsway ...	cbc	bc pr	46	42	1
Tiree	cir. r m.	cr. r. o r. o d m.	45	44	2
Benbecula ...	cr. o ir. r r	cr. o ir. o c	45	44	3
Stornoway ...	cpr r r	cr. o d or.	45	44	4
Cape Wrath ...	bc	r r pr	42	39	4
Sule Skerry ...	*	*	43	38	2
Renfrew ...	cpr. o bc	cpr. o pr	45	42	08
Dyce	bc b	bc	43	35	-
Wick	b w b c w	b c b c	43	38	-
Lerwick ...	b b w	b f w f e bc	40	31	Tr
Blacksod Point	bc	P	45	44	3
Malin Head ...	*	*	43	*	0·4
Aldergrove ...	cpr. b	bc cr. s d o m.	43	41	0·1
Castle Archdale	cc pr.	cb cpr. c	44	41	1·0
Birr Castle ...	p	r	44	40	3
Collinstown ...	p	p	45	41	0·2
Rineanna ...	p	p p	45	42	5
Valentia ...	p	p p	46	41	2
Midleton ...	p	p	44	42	7

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F.	Temp.: Sea °F.	Temp.: Dew Point °F.	Visibility †	Cloud: Form Low †	Cloud: Form Med. †	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
MERMOZ	52° 36′	20° 00′	994	00	270	18	b	b	48	49	46	70	2	-	-	2	2	8
WEATHER RECORDER	58° 54′	19° 24′	984	+00	030	25	bc	c	46	50	38	98	5	-	-	4	4	11
CUMULUS	44° 48′	15° 42′	1002	-29	210	35	pr.	c	55	55	48	60	8	-	-	8	8	14
POLAR FRONT	66° 00′	01° 45′E	1005	-20	080	24	c	p	37	40	25	99	8	-	-	8	8	8
WEATHER WATCHER	62° 00′	33° 00′	999	+04	060	23	b	bc	41	41	35	98	5	-	-	1	2	6½
U.S. SHIP 'C'	52° 48′	35° 30′	988	+08	270	25	bc	c	41	46	25	69	4	-	-	3	3	9½
U.S. SHIP 'D'	44° 00′	41° 00′	1012	+14	270	27	bc	c	49	63	34	68	5	-	-	4	4	19
HORORATA	45° 8′	21° 00′	994	+05	250	26	bc	bc	55	56	45	99	1	-	-	1	1	14
FRANCONIA	50° 54′	25° 12′	988	00	290	27	bc	bc	47	52	38	98	1	8	•	2	4	*
CAPTAIN COOK	41° 36′	25° 06′	1002	+38	320	15	bc	p	56	56	66	98	3	-	-	3	3	5

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F.	Temp.: Sea °F.	Temp.: Dew Point °F.	Visibility †	Cloud: Form Low †	Cloud: Form Med. †	Cloud: Form High †	Cloud: Amount Low	Cloud: Amount Total	Height of waves ft.
MERMOZ	52° 30′	20° 00′	981	-20	180	12	c	d	48	49	36	70	5	-	-	8	8	6½
WEATHER RECORDER	59° 00′	19° 06′	982	-12	040	28	c/r	d	45	49	44	98	8	-	-	7	7	11
CUMULUS	44° 48′	16° 00′	993	-32	270	25	b/r	r	55	55	46	65	5	-	-	2	2	14
POLAR FRONT	66° 00′	01° 30′E	1001	-14	080	30	c	c	37	40	23	98	x	x	x	8	8	9½
WEATHER WATCHER	62° 00′	33° 00′	998	-03	060	25	b	p	40	41	33	98	5	-	-	1	1	9½
U.S. SHIP 'C'	52° 48′	35° 30′	989	+05	270	12	bc	bc	40	46	28	69	5	-	-	3	3	6½
U.S. SHIP 'D'	44° 00′	41° 00′	1012	-15	270	30	c	c	49	61	37	65	5	-	-	8	8	19
FRANCONIA	51° 06′	22° 12′	985	-20	320	35	c	c	47	53	38	98	4	-	-	8	8	*
EMPRESS OF AUSTRALIA	52° 54′	33° 54′	987	+30	280	24	b	b	40	46	29	98	3	-	-	2	2	11
CAPTAIN COOK	41° 30′	27° 12′	1007	+24	310	30	bc/q	p	55	60	48	98	7	-	-	4	4	11

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*Information not usually received.

† Code figure (see introduction)

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

No. 34038 — Date of Issue Monday 31st January 1955

OBSERVATIONS at 12h. G.M.T. 30th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (1)	Wind Speed (kts.) (2)	Visibility † (3)	Present Weather (4)	Pressure Bar at M.S.L. mb (5)	Pressure Change in 3 hrs. (6)	Temp. °F. Dry Bulb (7)	Temp. °F. Dew point (8)	Cloud Form Low † (9)	Cloud Form Medium (10)	Cloud Form High † (11)	Cloud Total amount 0-8 (12)	Cloud Main layer Amt. 0-8 (13)	Cloud Main layer Ht. † (14)	Cloud Lowest layer Amt. 0-8 (15)	Cloud Lowest layer Ht. † (16)
Kew	210	12	59	c/d	03·4	+03	51	45	6	7	-	7	6	25	8	12
London Airport	200	14	62	bc	03·2	+01	52	46	2	-	-	3	2	22	-	-
Tangmere	210	18	63	c	05·1	+07	50	48	8	-	-	7	7	18	2	12
Bournemouth (Hurn	200	16	60	c	03·3	+03	53	48	2	-	-	7	7	16	-	-
Boscombe Down	220	14	69	bc/pr	03·1	+04	50	46	8	-	-	5	5	18	-	-
Felixstowe	220	13	58	c	04·8	+05	44	42	5	3	2	7	5	22	-	-
Gorleston	210	15	56	bc	04·0	+07	49	44	5	4	-	5	2	25	-	-
West Raynham	210	26	80	bc	01·4	+01	51	45	1	4	-	4	4	20	-	-
Mildenhall	240	16	65	bc	02·4	+05	53	45	1	-	-	5	5	22	-	-
Cranfield	210	18	74	c	02·0	+11	51	43	5	-	-	6	6	20	-	-
Elmdon	210	14	59	bc	99·8	+03	51	45	1	-	-	5	5	22	-	-
Cottesmore	210	15	87	bc	01·2	+04	49	41	1	-	-	5	5	18	-	-
Watnall	230	17	58	bc	99·6	+09	50	44	2	-	-	5	5	15	-	-
Ross-on-Wye	230	15	66	c	00·5	+08	51	42	2	-	-	6	6	25	-	-
Shawbury	200	14	66	p/c	98·8	+10	50	48	2	6	-	6	5	25	-	-
Bristol	230	14	68	bc	01·6	+06	53	45	8	-	-	3	2	20	-	-
Plymouth	210	16	58	p/c	02·0	+03	51	47	2	3	-	7	6	15	3	12
Chivenor	190	20	82	bc	00·5	-00	53	44	1	-	2	3	2	20	-	-
St. Eval	180	13	74	bc	99·9	-09	50	43	8	6	4	5	3	14	-	-
Culdrose	200	20	62	bc/pr	00·8	-05	51	47	2	7	3	5	2	18	-	-
Scilly, St. Mary's	180	24	61	c	98·3	-09	52	46	8	-	-	7	7	18	-	-
Guernsey	190	16	74	bc	05·3	+00	50	46	6	-	-	1	1	05	-	-
Aberporth	190	14	74	c	97·8	+02	49	44	8	-	-	7	7	25	4	15
Pembroke Dock	200	15	66	c	98·5	+01	51	46	5	-	-	6	6	30	-	-
Holyhead (Valley)	190	18	61	c	95·7	+12	48	46	8	-	-	7	7	56	3	20
Manchester	200	16	70	bc	97·7	+07	50	42	2	-	-	5	5	18	-	-
Squires Gate	180	15	58	c	96·8	+13	50	43	8	-	-	7	5	24	-	-
Silloth	200	18	58	c/pr	92·7	+04	47	45	7	2	-	8	5	10	-	-
Lindholme	200	12	61	bc	99·0	+08	52	43	1	3	-	5	5	25	-	-
Spurn Head	200	15	32	bc	99·8	+00	49	48	1	-	-	5	5	25	-	-
Dishforth	210	17	58	b	96·8	+08	52	41	5	-	-	2	2	22	-	-
Tynemouth	230	14	57	bc	94·3	+01	50	41	5	4	2	5	3	28	-	-
Leuchars	200	09	66	pr	89·9	+04	47	42	2	-	2	7	6	23	2	18
Eskdalemuir	240	20	32	R/R	91·6	+03	43	43	7	-	-	8	8	02	-	-
Prestwick	210	14	62	c	90·2	+07	47	44	2	-	-	7	7	20	1	12
West Freugh	210	21	62	c	91·8	+13	48	45	6	3	3	6	2	25	1	10
Ronaldsway	210	14	60	b	93·9	+21	49	48	6	-	1	2	1	10	-	-
Tiree	190	20	62	c/r	85·8	+15	46	45	6	-	-	7	6	14	3	06
Benbecula	190	22	74	c	82·9	+14	48	45	8	-	2	7	3	18	-	-
Stornoway	190	28	61	pr	82·9	+12	47	45	8	-	-	7	7	35	2	09
Cape Wrath	230	13	82	bc	83·9	+08	46	42	8	-	-	5	5	25	-	-
Sule Skerry	180	09	82	c	83·4	+06	45	43	5	-	-	8	8	10	-	-
Renfrew	200	18	48	c/pr	90·1	+05	46	43	8	-	-	8	7	40	2	10
Dyce	—	0	66	c	90·0	+08	46	42	3	-	-	7	6	15	-	-
Wick	180	08	89	c	85·7	+06	46	40	5	-	-	7	7	30	-	-
Lerwick	190	14	66	c	86·4	+03	45	44	6	4	2	6	3	15	-	-
Blacksod Point	180	16	80	j/p	88·2	+09	48	44	9	-	-	5	5	27	3	15
Malin Head	180	19	79	bc	87·7	+10	47	42	1	3	-	5	3	21	-	-
Aldergrove	200	17	58	c/r	90·7	+20	47	44	7	3	-	7	7	13	3	07
Castle Archdale	230	17	74	c	90·1	+22	47	43	8	-	-	7	7	18	2	13
Birr Castle	180	10	74	c	91·6	+01	48	41	5	7	-	7	4	38	1	19
Collinstown	210	15	69	bc	93·4	+20	49	40	8	8	1	3	1	22	-	-
Rineanna	140	09	74	c	90·9	-09	47	44	5	7	-	7	3	40	1	25
Valentia	140	26	62	r/s	87·2	-36	49	46	6	2	-	8	6	18	-	-
Midleton	180	15	66	c	92·8	-10	50	45	6	7	-	8	1	21	-	-

OBSERVATIONS at 18h. G.M.T. 30th January 1955

Stations (For heights see p. 4)	Wind Direction (degrees) (17)	Wind Speed (kts.) (18)	Visibility † (19)	Present Weather (20)	Pressure Bar at M.S.L. mb (21)	Pressure Change in 3 hrs. (22)	Temp. °F. Dry Bulb (23)	Temp. °F. Dew point (24)	Cloud Form Low † (25)	Cloud Form Medium (26)	Cloud Form High † (27)	Cloud Total amount 0-8 (28)	Cloud Main layer Amt. 0-8 (29)	Cloud Main layer Ht. † (30)	Cloud Lowest layer Amt. 0-8 (31)	Cloud Lowest layer Ht. † (32)	21 h. State of ground † (33)
Kew	200	08	56	b	03·4	+01	48	45	5	-	-	1	1	20	-	-	1
London Airport	190	07	56	b	03·2	+00	47	44	4	-	-	1	1	22	-	-	1
Tangmere	190	08	58	b	04·0	-04	45	43	5	4	-	1	1	18	-	-	1
Bournemouth (Hurn	170	15	58	c	02·0	-07	49	45	5	-	-	7	7	32	-	-	1
Boscombe Down	200	11	66	c	02·8	-03	47	45	5	7	-	7	3	25	-	-	1
Felixstowe	200	12	62	b	04·4	+02	42	41	-	-	-	0	-	-	-	-	0
Gorleston	210	15	56	b	04·3	+08	45	42	5	-	-	2	2	25	-	-	0
West Raynham	170	13	80	bc	01·9	+04	46	42	-	-	1	3	-	-	3	75	1
Mildenhall	200	09	58	b	02·7	+08	48	37	-	7	1	1	-	-	1	60	1
Cranfield	180	10	66	b	01·6	+00	47	41	5	-	8	2	1	30	-	-	1
Elmdon	170	11	50	c	99·5	-01	47	42	-	7	-	6	-	-	6	62	1
Cottesmore	190	10	66	bc	01·1	+02	46	41	-	-	2	3	-	-	3	80	1
Watnall	170	13	40	bc	99·4	-02	48	43	5	-	-	5	6	20	-	-	1
Ross-on-Wye	200	12	66	c	98·9	-02	49	42	5	-	1	6	5	30	-	-	1
Shawbury	180	07	74	c	97·8	-08	48	42	8	7	2	7	3	30	2	28	1
Bristol	190	09	59	c	99·9	-07	49	43	-	-	5	6	-	-	6	80	1
Plymouth	200	17	61	c	99·1	-11	50	45	5	-	-	7	7	25	-	-	1
Chivenor	180	26	74	c	98·0	-09	51	43	1	7	-	7	2	15	-	-	1
St. Eval	170	21	58	c	96·0	-16	50	47	6	7	-	8	4	10	-	-	1
Culdrose	180	23	58	i/c	97·5	-16	50	47	6	7	-	8	1	08	-	-	1
Scilly, St. Mary's	170	23	48	r/s	93·2	-21	50	48	7	-	-	8	8	10	-	-	2
Guernsey	170	14	70	bc	02·4	-13	49	44	5	-	6	5	2	30	-	-	1
Aberporth	160	26	66	c	94·7	-15	48	42	-	7	2	7	-	-	7	60	1
Pembroke Dock	180	14	66	c	95·7	-14	50	44	5	5	-	8	4	28	-	-	2
Holyhead (Valley)	170	19	61	c	93·8	-10	47	42	-	3	8	6	-	-	2	60	1
Manchester	190	12	60	c	97·3	-07	48	42	5	-	-	7	7	40	5	30	1
Squires Gate	160	12	20	j/c	95·9	-07	47	42	5	-	8	7	1	35	-	-	1
Silloth	190	11	63	c	94·4	+02	47	43	5	-	6	6	3	30	-	-	2
Lindholme	180	07	36	c	98·6	+01	47	43	5	3	-	6	3	30	-	-	0
Spurn Head	160	08	61	bc	00·6	+07	48	41	5	-	-	5	5	20	-	-	0
Dishforth	200	15	40	bc	98·1	+08	47	42	5	-	2	5	3	35	-	-	1
Tynemouth	230	12	48	bc	96·6	+17	47	38	-	7	-	3	3	56	-	-	1
Leuchars	220	11	66	b	91·5	+12	46	40	5	-	-	2	2	30	-	-	1
Eskdalemuir	220	16	58	i/c	93·5	+01	43	42	7	-	-	8	8	05	-	-	2
Prestwick	180	12	60	c	91·9	+04	47	43	5	3	-	7	5	40	-	-	1
West Freugh	160	15	58	c	92·1	-03	48	45	5	2	-	8	6	13	-	-	1
Ronaldsway	170	21	60	c	93·8	-02	47	44	6	7	-	7	1	10	-	-	1
Tiree	170	16	74	bc	87·4	+05	46	43	8	3	2	5	4	35	1	22	1
Benbecula	180	20	69	bc	85·1	+11	46	44	2	3	-	5	1	22	-	-	1
Stornoway	190	20	58	c/pr	85·4	+16	47	45	8	-	-	7	5	27	1	09	2
Cape Wrath	230	13	82	c	85·1	+11	45	40	8	-	-	6	6	25	-	-	1
Sule Skerry	230	19	82	bc	84·7	+07	47	43	8	-	-	4	4	15	-	-	1
Renfrew	190	10	57	bc	91·9	+12	44	41	5	3	1	4	2	35	-	-	1
Dyce	210	11	70	b	90·9	+15	43	40	5	4	-	1	1	25	-	-	1
Wick	190	12	83	b	87·6	+14	44	39	5	-	-	1	1	35	-	-	2
Lerwick	230	15	63	i/c	86·7	+09	44	42	5	-	-	7	7	37	-	-	1
Blacksod Point	160	19	56	c/r	82·4	-35	48	42	7	-	-	8	8	11	-	-	
Malin Head	180	13	64	i/c	87·1	-09	46	43	7	-	-	8	8	21	-	-	
Aldergrove	140	14	59	i/c	90·4	-08	46	44	5	-	-	8	7	25	2	10	1
Castle Archdale	140	12	66	c/r	86·4	-29	46	44	5	2	-	8	7	18	-	-	2
Birr Castle	170	16	66	d/r	85·6	-26	48	45	6	-	-	8	8	25	6	13	
Collinstown	180	22	61	i/d	90·5	-18	48	42	6	-	-	8	8	21	3	16	
Rineanna	180	13	80	c	86·0	-16	48	44	5	-	-	6	6	45	1	12	
Valentia	190	18	74	bc/pr	85·0	-03	46	41	8	-	-	4	3	25	-	-	
Midleton	210	18	74	c/r	88·2	+12	46	44	8	-	-	6	4	16	5	21	

OBSERVATIONS during DAY

Stations (For heights see p. 4)	Weather 09h. to 15h. (34)	Weather 15h. to 21h. (35)	Max. Temp. 09h.-21h. °F. (36)	Sunshine (37)	Rain 09h.-21h. mm. (38)
Kew	c i d o c 2 ·	c 2 o b c c m ·	52	3·5	TR
London Airport	c p r o b c	b c b m · w c w	54	*	1·2
Tangmere	c m ·	b m ·	52	4·7	-
Bournemouth (Hurn	b c m · c m o b c	b c m · b c m ·	53	*	-
Boscombe Down	b c c p r o b c	c b c c	51	3·3	TR
Felixstowe	c m ·	b	46	3·7	-
Gorleston	b c m ·	b c m ·	52	3·0	-
West Raynham	c b c	c p r m · o b c	52	3·8	0·5
Mildenhall	c b c	b c b m ·	55	5·2	-
Cranfield	b c c p r ·	c b c b	52	5·8	0·5
Elmdon	b c	c b c	53	5·8	-
Cottesmore	c c v b c v c	c j p c b c b	51	3·9	-
Watnall	c 2 · c m ·	c m · b c m ·	53	3·1	-
Ross-on-Wye	b c c	c c b c	53	5·1	-
Shawbury	b c b	c p r o p r c	50	3·3	1
Bristol	b b c	c	53	4·9	-
Plymouth	b b c c p r m ·	c c i r · c c i r ·	53	3·1	TR
Chivenor	b c c	c c i r ·	55	5·1	TR
St. Eval	b b c c	c i r · r o r o d d m ·	51	2·1	2
Culdrose	b c c p r b c c	b c o i r o r ·	52	3·7	2
Scilly, St. Mary's	b b c	b c o i r r o r c	53	3·4	8
Guernsey	b	b b c c b c b	52	6·7	-
Aberporth	b c c	c c r · r o m ·	50	2·0	1
Pembroke Dock	b b c c	c c r r m o	51	2·9	1
Holyhead (Valley)	c c p r o c	c c i r ·	50	1·3	0·1
Manchester	c b c p r ·	c p r o c	51	3·7	1
Squires Gate	c m · c p r ·	c c m ·	50	1·6	TR
Silloth	c p r m · o c	c p r · b c c	48	0·0	2
Lindholme	b c c b	b c m · b c m ·	53	4·5	-
Spurn Head	b c b	b c	51	5·4	-
Dishforth	b 2 o b c 2 o	c p r o 2 o b c m ·	52	3·3	0·5
Tynemouth	b c 2 o	b c 2 · c m ·	52	4·9	-
Leuchars	c p r o	c b p r	47	0·3	0·4
Eskdalemuir	o m · o R R o m ·	o m · i r · b c	44	0·0	6
Prestwick	c p r o p r · b c	c c i r · c m ·	50	1·0	0·2
West Freugh	c r o r · i r ·	c c i r ·	49	2·6	1
Ronaldsway	c b c p r · c	c	49	3·1	0·1
Tiree	c i d · i r · m · c	b c c r · r r m ·	48	0·6	1
Benbecula	c p r · c	c b c c	48	2·6	0·4
Stornoway	c 0 · r o p r ·	c p r o b	47	0·2	1
Cape Wrath	p r	b c	46	*	0·4
Sule Skerry			47	*	0·3
Renfrew	c p r ·	c p r · b c m · c l r ·	48	0·2	0·1
Dyce	c p r o c	b c c m ·	48	2·1	TR
Wick	c b	c b	48	1·5	-
Lerwick	b c c	c c i s c	46	2·3	0·3
Blacksod Point	p	r	50	2·0	5
Malin Head	b c	c	49	2·7	TR
Aldergrove	c r o d o c	c i r · c	49	1·1	0·3
Castle Archdale	c p r · c	c r r m · 1 · c	49	2·2	1
Birr Castle	r	r	49	1·1	1
Collinstown	p	d	50	1·8	TR
Rineanna	c	r	50	0·0	TR
Valentia	p	f r	50	0·0	8
Midleton	p b c		51	0·0	3

12h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 0′	19° 0′	981	+05	040	26	j/p	p	45	49	43	98	8	3	-	6	7	19
MERMOZ	52°24′	19° 54′	980	+05	280	16	c/r	r	46	48	34	79	5	7	-	4	8	5
POLAR FRONT	66°6′	01° 12′E	998	-06	080	28	c	c	37	40	23	98	5	7	-	6	8	9½
CUMULUS	44°54	15°54′	998	+21	280	18	bc/p	c	54	55	43	97	9	7	-	4	5	11
WEATHER WATCHER	61°54′	33°24′	1000	+05	050	26	c	c	39	40	33	98	5	-	-	7	7	11
U·S. SHIP 'C'	52°48′	35°30′	990	00	250	22	bc	b	37	47	28	69	2	-	6	2	3	9½
U·S SHIP 'D'	44°00′	41° 0′	1009	-10	250	21	r	r	46	64	45	58	5	2	-	6	8	11
FRANCONIA	51°18′	20°18′	984	-02	290	35	i/d ·	c	61	54	43	98	2	6	7	5	8	-
CAPTAIN COOK	40°48′	27°24′	1013	+40	290	37	c	bc	58	58	52	97	5	-	-	6	6	13
HORORATA	44°30′	23°30′	1000	00	300	30	p/c	p	47	46	45	98	9	-	-	6	6	14

18h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind Direc.	Wind Speed	Weather Pres.	Weather Past	Temp. °F Air	Temp. °F Sea	Temp. °F Dew Point	Visibility †	Cloud Form † Low	Cloud Form † Med	Cloud Form † High	Cloud Amount Low	Cloud Amount Total	Height of waves ft.
WEATHER RECORDER	59° 0′	18°48′	981	-03	060	28	c	r	45	49	42	97	5	-	-	8	8	19
MERMOZ	52°18′	20° 0′	980	+14	290	40	pr	r	46	50	37	60	3	-	-	6	8	8
CUMULUS	44°54′	15°30′	971	-02	270	23	c	t/r	52	56	41	70	9	4	-	6	7	13
POLAR FRONT	66° 0′	01°48′E	996	-07	070	31	c	c	37	42	28	98	5	-	-	7	7	11
WEATHER WATCHER	61°54′	33°36′	1000	+05	050	28	c	c	39	41	29	98	5	-	-	8	8	9½
U·S. SHIP 'C'	52°48′	35°30′	988	-03	290	29	pr	p	41	46	30	69	2	-	-	5	5	13
U·S. SHIP 'D'	44° 0′	41° 0′	1009	+07	290	22	c	bc	45	64	36	65	5	-	-	7	7	8
CAPE GRAFTON	45°24′	10°36′	997	00	220	24	c	c	54	55	44	97	4	6	-	5	7	8
ANDRIA	50°18′	19°30′	987	+02	270	37	bc	bc	48	57	48	99	3	-	9	3	5	14
HORORATA	44°36′	23°42′	1004	+24	320	50	bc/p	p	52	56	43	98	9	-	-	3	3	30½

† CLOUD AMOUNT in eighths (9 = sky obscured). CLOUD HEIGHT 01-50 in 100's of feet; 56-80 subtract 50 to give height in 1000's of feet. Visibility. In the range 02-50 the figures give the actual visibility in tenths of kilometres, or half-furlongs. F1-F9 (for less than 110 yards) in intervals of 11 yards. For higher numbers and codes for cloud form and visibility, and state of ground see Introduction.

* Information not usually received.

O. G. SUTTON, C.B.E., D.Sc., F.R.S. Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Sunday 30th January

1955

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

Statute Miles 0 1 2 3 300

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 represents 10 Kt and a short feather 5Kt. A solid pennant represents 50Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ⊖ Sky 1/8 covered ◔ Sky 2/8 covered ◑ Sky 3/8 covered ◕ Sky 4/8 covered ◕ Sky 5/8 covered ● Sky 6/8 covered ● Sky 7/8 covered ● Sky 8/8 covered ⊗ Sky obscured

WEATHER SYMBOLS • Rain, • Drizzle * Snow * Sleet △ Hail ▽ Shower ⛈ Thunderstorm ⊤ Thunder ≡ Fog ═ Mist

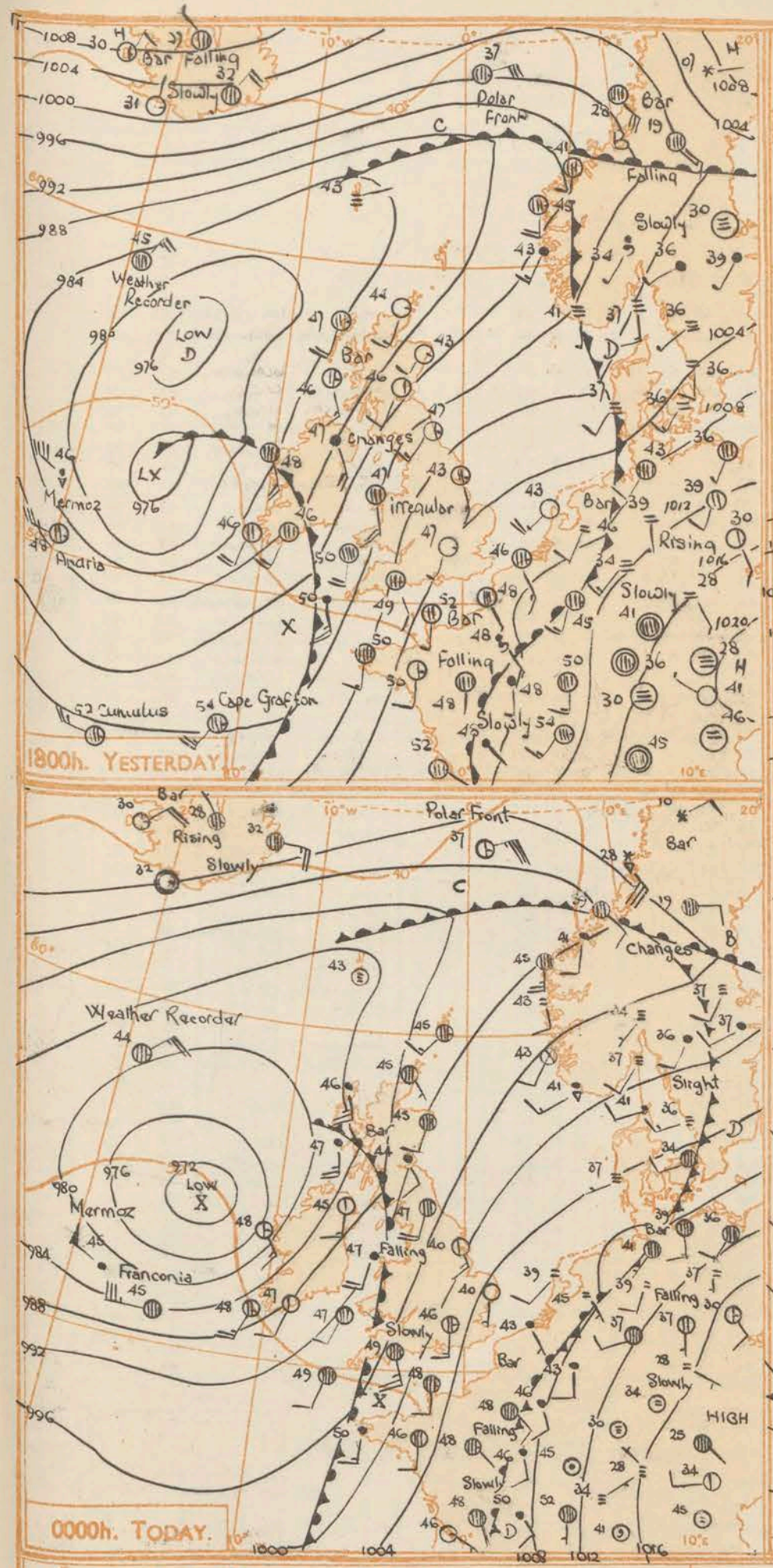
FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

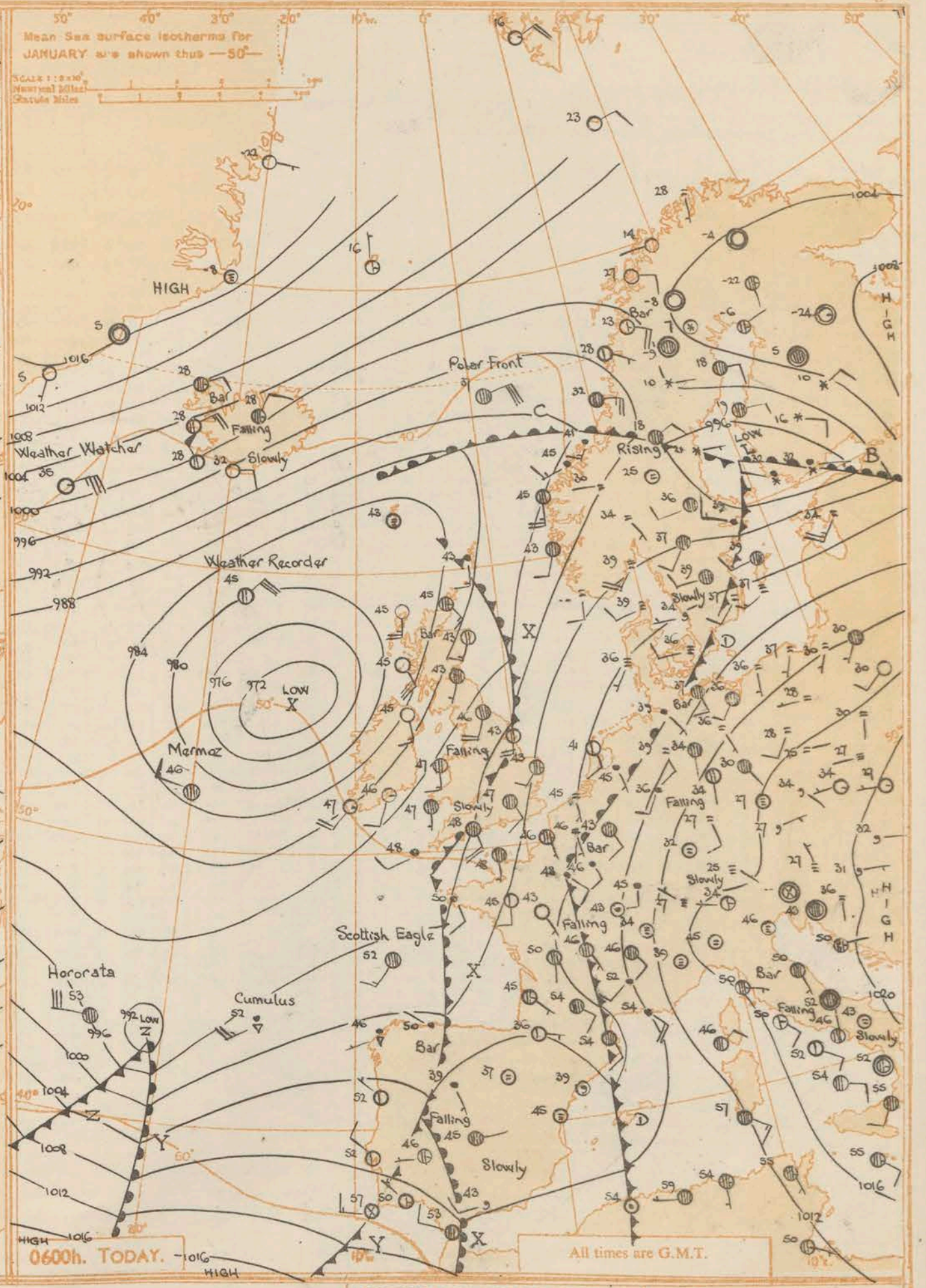
= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

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.





GENERAL SYNOPTIC DEVELOPMENT :-

Issued at mid-day to-day Monday 31st January 1955

The depression which was approaching the British Isles from the Atlantic yesterday turned northeast, rather than east as had been expected, and is now centred northwest of Ireland, having absorbed the depression previously in this area. A small wave has developed over southwest England and is expected to move north-northeast. A depression on the Atlantic is moving quickly east and is expected to be in the Bay of Biscay tomorrow.

FORECAST FOR BRITISH ISLES until noon tomorrow :-

Over Scotland and Ireland there will be variable cloud and showers, mainly in the west. Over England and Wales it will be generally cloudy at first. Rain over Midlands and central Southern England will spread to north and east England during the day. Brighter weather with showers will soon reach Wales and southwest England and spread east to most parts of England by midnight. Temperatures will be near normal.

OUTLOOK FOR following 24 hours:-

Variable skies, with showers or rain at times in all areas. Little change in temperature.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00h. G.M.T. 31st January 1955

Stations (For heights see p. 4)	Height above M.S.L.	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0-8	Cloud: Main layer: Amt. 0-8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt 0-8	Cloud: Lowest layer: † Ht.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Kew	18	*	*	*	*	*	*	46	*	*	*	*	*	*	*	*	*
London Airport	82	180	13	61	bc	01·5	-08	46	43	6	-	6	5	4	13	-	-
Tangmere ...	53	170	11	57	b	02·7	-04	46	45	-	3	-	1	-	-	1	60
Bournemouth (Hurn	34	160	13	62	c	00·2	-07	48	45	5	-	-	8	8	15	8	13
Boscombe Down	414	190	14	66	c	00·2	-15	47	44	5	-	-	8	8	13	-	-
Felixstowe ...	10	200	10	56	b	04·1	-07	41	40	-	-	-	0	-	-	-	-
Gorleston ...	5	180	07	56	b	04·1	-09	40	39	-	-	-	0	-	-	-	-
West Raynham	250	170	15	60	c	01·5	-09	47	47	6	-	-	6	6	04	-	-
Mildenhall ...	15	190	13	57	bc	01·6	-11	45	43	5	-	-	4	4	56	-	-
Cranfield ...	340	180	16	61	c	00·3	-09	46	42	-	-	8	6	-	-	6	78
Elmdon ...	324	140	06	62	c	98·0	-10	46	42	6	7	-	7	5	50	-	-
Cottesmore ...	440	160	13	63	c	00·0	-12	43	41	-	1	-	6	-	-	6	66
Watnall ...	366	170	14	62	b	98·1	-13	45	42	5	-	-	1	-	-	-	-
Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shawbury ...	235	170	12	74	c	95·7	-13	48	42	5	3	-	8	4	23	-	-
Bristol	192	200	20	59	ir.	97·4	-10	49	43	6	2	-	8	8	50	4	13
Plymouth ...	90	230	16	48	r.r.	96·8	-06	48	47	6	2	-	8	8	19	4	09
Chivenor ...	20	220	12	81	ir.	96·0	-03	49	47	5	-	-	8	8	22	-	-
St. Eval... ...	336	180	11	57	ir.	95·5	+09	47	46	6	-	-	8	8	06	-	-
Culdrose ...	260	210	13	69	ir.	96·4	+07	47	46	6	-	-	8	8	18	2	09
Scilly, St. Mary's	158	190	14	61	c	94·2	+05	49	47	8	-	-	8	8	10	-	-
Guernsey ...	340	170	22	66	c	00·2	-13	49	46	5	7	-	8	7	45	-	-
Aberporth ...	375	190	11	63	c/r	03·4	-01	45	44	6	-	-	7	7	45	3	12
Pembroke Dock	34	210	08	66	c	04·4	+02	47	45	5	-	-	6	6	25	-	-
Holyhead (Valley)	32	190	18	48	r.r.	91·3	-03	47	46	6	-	-	8	8	22	3	08
Manchester ...	248	170	17	63	c	95·7	-10	47	41	5	7	-	8	5	60	-	-
Squires Gate ...	33	150	17	50	c	94·4	-08	47	42	5	-	-	8	8	33	1	20
Silloth	25	180	14	56	d.r.	92·5	-09	48	45	5	-	-	8	8	20	2	10
Lindholme ...	21	160	15	59	c	97·8	-13	44	41	-	7	-	6	-	-	4	63
Spurn Head ...	29	160	15	48	b	00·3	-07	40	40	1	-	-	2	2	25	-	-
Dishforth ...	105	190	12	48	bc	96·6	-10	43	41	5	-	-	5	5	35	-	-
Tynemouth ...	108	190	21	58	c	95·6	-10	47	41	-	7	-	6	6	56	-	-
Leuchars ...	36	160	09	62	ir.	91·6	-06	44	41	6	-	-	8	8	40	3	15
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Prestwick ...	30	190	24	74	c/r	89·2	-19	49	43	5	-	-	6	5	29	3	18
West Freugh ...	50	190	17	62	bc	89·5	-06	48	44	5	3	-	5	5	20	-	-
Ronaldsway ...	55	170	20	62	ir.	91·4	-03	46	44	5	-	-	8	8	36	2	12
Tiree	29	170	25	58	ir.	83·9	-17	47	45	6	2	-	8	8	50	3	06
Benbecula ...	18	160	25	56	r.r.	82·8	-21	46	44	7	2	-	8	8	17	3	08
Stornoway ...	10	170	23	61	ir.	84·9	-06	46	42	5	-	-	8	8	35	-	-
Cape Wrath ...	367	180	09	83	bc	86·5	+05	44	34	5	-	-	4	4	25	-	-
Sule Skerry ...	43	180	02	82	bc	86·7	+04	44	41	5	3	-	3	2	20	-	-
Renfrew ...	28	160	13	61	c	89·6	-16	47	43	5	-	-	8	6	19	-	-
Dyce	185	190	10	66	c	91·8	-06	46	41	5	-	-	8	8	57	-	-
Wick	119	130	06	82	c	88·8	00	45	39	-	3	-	6	-	-	6	60
Lerwick ...	269	220	15	81	c	85·4	+13	45	41	5	-	-	7	7	40	-	-
Blacksod Point	18	160	17	70	bc	77·8	-34	48	39	9	-	-	3	3	15	-	-
Malin Head ...	84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	220	180	15	69	b	87·5	-03	45	41	5	3	-	2	1	30	-	-
Castle Archdale	225	170	15	74	b	85·9	+06	43	40	-	-	-	0	-	-	-	-
Birr Castle ...	231	180	12	81	b	87·2	+04	44	38	-	-	-	0	-	-	-	-
Collinstown ...	226	210	19	69	c	89·4	+04	47	37	6	3	-	6	2	50	-	-
Rineanna ...	10	200	16	80	pr.	87·3	+04	45	40	5	-	-	3	3	30	-	-
Valentia ...	30	200	25	80	bc	85·7	+03	48	38	3	-	-	5	5	25	-	-
Midleton ...	30	200	12	74	b	89·0	+03	47	42	2	-	-	2	2	18	-	-

OBSERVATIONS at 06 h. G.M.T. 31st January 1955

Stations (For heights see p. 4)	Wind: Direction (degrees)	Wind: Speed (kts.)	Visibility †	Present Weather	Pressure: Bar at M.S.L. mb	Pressure: Change in 3 hrs.	Temp.: °F. Dry Bulb	Temp.: °F. Dew point	Cloud: Form: Low †	Cloud: Form: Medium †	Cloud: Form: High †	Cloud: Total amount 0-8	Cloud: Main layer: Amt. 0-8	Cloud: Main layer: † Ht.	Cloud: Lowest layer: Amt 0-8	Cloud: Lowest layer: † Ht.	09h. State of ground †
	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
Kew	180	12	56	c	99·7	-10	47	45	5	-	-	7	7	20	-	-	1
London Airport	160	11	59	c/r	99·1	-10	47	43	6	-	-	8	8	20	4	15	1
Tangmere ...	190	11	57	c	00·3	-12	47	44	5	-	-	8	8	15	-	-	1
Bournemouth (Hurn	170	15	60	ir.	97·6	-16	47	44	6	2	-	8	8	40	4	14	1
Boscombe Down	200	17	58	o/r	98·4	-09	46	45	6	-	-	8	8	09	-	-	1
Felixstowe ...	200	12	56	b	03·0	-06	41	41	-	-	-	0	-	-	-	-	0
Gorleston ...	210	16	58	c	02·2	-09	43	41	5	-	-	7	7	21	-	-	0
West Raynham	180	16	66	bc	99·5	-07	43	42	5	-	-	4	4	22	-	-	1
Mildenhall ...	190	13	60	bc	99·4	-12	45	43	-	-	6	5	-	-	5	70	1
Cranfield ...	170	14	66	ir.	98·1	-09	47	43	6	7	-	8	7	26	4	16	1
Elmdon ...	170	10	58	ir.	95·6	-08	47	45	6	-	-	8	8	11	-	-	1
Cottesmore ...	170	14	61	c	98·1	-06	45	42	5	-	-	8	8	14	-	-	1
Watnall ...	180	14	56	ir.	95·6	-07	46	45	6	-	-	8	8	15	5	07	1
Ross-on-Wye ...	160	02	60	ir.	95·1	-03	46	43	-	2	-	8	8	15	-	-	1
Shawbury ...	140	02	74	c	94·6	+03	46	43	5	7	-	7	2	20	-	-	1
Bristol	180	06	58	rr	96·1	-04	45	44	6	2	-	8	8	50	3	12	2
Plymouth ...	110	05	56	rr	95·0	-15	45	45	-	2	-	8	8	29	-	-	2
Chivenor ...	100	05	81	id.	95·3	-03	47	45	5	-	-	8	8	50	-	-	1
St. Eval... ...	160	08	66	c	94·5	-09	45	44	5	-	-	7	7	25	-	-	1
Culdrose ...	170	07	60	rr	95·6	-07	45	43	-	2	-	8	8	15	-	-	2
Scilly, St. Mary's	230	08	61	ir	93·5	-06	48	45	6	-	-	8	8	08	-	-	1
Guernsey ...	160	18	66	bc	97·3	-17	48	46	6	3	2	5	2	11	-	-	1
Aberporth ...	190	12	58	c	92·9	-05	46	43	7	7	-	7	4	09	-	-	1
Pembroke Dock	180	06	66	c	93·8	-07	47	46	5	-	-	8	8	27	-	-	1
Holyhead (Valley)	180	15	58	c	91·2	-01	47	44	5	7	-	6	4	22	-	-	1
Manchester ...	170	13	63	c	93·9	-03	46	44	5	-	-	8	3	20	-	-	2
Squires Gate ...	150	10	59	c	93·8	-04	45	44	2	3	-	8	1	20	-	-	1
Silloth	180	13	59	c	91·5	00	47	45	5	3	-	8	7	20	-	-	2
Lindholme ...	160	12	57	r.r.	95·5	-09	47	44	6	-	-	8	8	20	4	16	1
Spurn Head ...	180	18	58	bc	98·1	-13	43	43	5	-	-	4	4	30	-	-	0
Dishforth ...	170	14	40	bc/r	94·1	-09	46	43	5	-	-	4	4	50	-	-	1
Tynemouth ...	200	19	57	c	93·3	-06	46	42	5	-	-	8	8	24	-	-	1
Leuchars ...	190	06	66	c	90·1	-04	43	42	5	7	-	8	5	15	-	-	1
Eskdalemuir ...	200	12	58	c	91·1	+02	43	42	7	-	-	8	8	05	-	-	2
Prestwick ...	170	10	74	b	88·8	-06	46	42	-	-	1	1	-	-	1	75	1
West Freugh ...	170	11	58	b	89·0	00	46	43	5	-	-	2	2	20	-	-	1
Ronaldsway ...	180	13	66	b	90·9	-04	47	43	-	3	-	2	-	-	2	60	1
Tiree	160	30	74	b	87·5	-17	45	40	-	-	-	0	-	-	-	-	1
Benbecula ...	170	25	66	b	81·0	-15	45	39	5	-	-	4	4	25	-	-	1
Stornoway ...	180	24	74	b	83·0	-01	45	41	-	-	-	0	-	-	-	-	2
Cape Wrath ...	180	09	83	bc	84·7	-00	45	38	8	-	-	5	5	25	-	-	1
Sule Skerry ...	140	13	81	c	83·4	-16	45	43	5	-	-	8	8	10	-	-	1
Renfrew ...	150	07	63	bc	89·2	-03	44	41	5	-	-	3	3	25	-	-	1
Dyce	190	16	66	bc	89·7	-05	43	41	6	-	-	4	3	08	-	-	1
Wick	150	17	66	c	86·2	-09	45	40	5	-	-	7	7	35	-	-	2
Lerwick ...	180	13	63	r.r.	88·2	-13	43	43	6	-	-	8	8	32	5	09	1
Blacksod Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Malin Head ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldergrove ...	170	17	66	b	87·0	-05	45	41	-	-	-	0	-	-	-	-	1
Castle Archdale	160	15	61	bc	83·5	-12	43	36	5	-	-	3	3	37	-	-	1
Birr Castle ...	190	11	81	b	86·3	-03	44	36	-	-	-	0	-	-	-	-	1
Collinstown ...	190	11	74	b	89·5	-02	44	35	5	3	-	1	1	45	-	-	1
Rineanna ...	180	18	80	b	86·6	-03	44	38	1	-	-	1	1	20	-	-	1
Valentia ...	210	21	80	b	86·4	-01	47	37	2	-	-	1	1	28	-	-	1
Midleton ...	200	12	79	b	89·6	-05	46	39	5	-	-	1	1	25	-	-	1

OBSERVATIONS during NIGHT

Stations	Weather: 21h.–03h. (1a)	Weather: 03h.–09h. (4a)	Temperature 21h.–09h.: Min. °F. (41)	Temperature 21h.–09h.: Min. on Grass °F. (42)	Rain 21h.–09h. mm. (43)
Kew	c$_m$	c$_m$ w ir ci d$_o$	45	35	Tr
London Airport	c w b c$_m$ o w b c	c w i r o c i d$_o$ m$_o$	44	39	Tr
Tangmere ...	b c m$_o$ w	b c m$_o$ w c m$_o$	45	42	-
Bournemouth (Hurn	b c m$_o$ c i r$_o$	c r$_o$ r$_o$ c	47	44	Tr
Boscombe Down	c c i r - c r r m.	c i r$_o$ c m$_o$	45	43	2
Felixstowe ...	b	b	41	35	-
Gorleston ...	b c m$_o$ w	b m$_o$ w c m$_o$	39	34	0·1
West Raynham	b c e b	b b c c	42	37	-
Mildenhall ...	b m$_o$ c b m$_o$	b m o b c	44	39	-
Cranfield ...	c b c b	c i r$_o$ c	44	40	Tr
Elmdon ...	c m$_o$ c i r$_o$	c r r m$_o$	44	40	2
Cottesmore ...	b c c	c i r$_o$ m$_o$ c	42	39	Tr
Watnall ...	b c m$_o$ c m$_o$	c i r$_o$ m$_o$	44	41	1
Ross-on-Wye ...	b c c	o r o r$_o$ r$_o$	44	41	4
Shawbury ...	c u p r d$_o$ r$_o$	c d$_o$ r d r m$_o$ c i r$_o$	45	39	0·4
Bristol	c r o r$_o$	c r o r o r m	44	43	5
Plymouth ...	c r o r o m$_o$ c i r$_o$	o r r m$_o$ c r o r$_o$	44	43	13
Chivenor ...	c i r$_o$ m$_o$ i r$_o$	c c i d$_o$ i r o c	44	43	4
St. Eval... ...	o d d m i r o m$_o$	c c r o r o m$_o$	43	42	3
Culdrose ...	o r o r o i r o o	n r r i r$_o$ o	43	41	1
Scilly, St. Mary's	c o i r$_o$	o c	46	*	0·3
Guernsey ...	b b c c b c c	c m c i r c	47	44	Tr
Aberporth ...	c r r m o c	c m$_o$ b c i r$_o$	44	42	2
Pembroke Dock	c r r m$_o$ c	c c i R c	46	45	3
Holyhead (Valley)	c i r s r m o c m$_o$	b c m o b m o b	45	42	1
Manchester ...	c c i r$_o$	c r d$_o$ r r c	45	43	1
Squires Gate ...	c m$_o$ c r r m$_o$	c m$_o$	44	41	0·6
Silloth	c c i r$_o$ m$_o$	c m$_o$ b c	45	42	0·1
Lindholme ...	b c m$_o$ c m$_o$	c r o i$_o$ m o c	41	36	Tr
Spurn Head ...	b b c	b c c	39	*	-
Dishforth ...	c m$_o$ i r$_o$ m$_o$	c i r o m$_o$ b c m$_o$	43	40	Tr
Tynemouth ...	c m$_o$	c p r$_o$ m$_o$ c m$_o$	45	37	Tr
Leuchars ...	c i r$_o$	c i r o b c	42	36	0·4
Eskdalemuir ...	b c c R R m$_o$	o m$_o$ c	41	41	3
Prestwick ...	c r o r o i r o b c c	c b c b	45	41	0·1
West Freugh ...	c r o r$_o$ c	b c b	45	41	Tr
Ronaldsway ...	c c i r o b c	c b c c	45	42	0·1
Tiree	~~c r r m$_o$~~	b c b b c c	45	41	3
Benbecula ...	c r o r$_o$ d$_o$ b c	b c p r$_o$ b b c c	44	41	3
Stornoway ...	b c r r	b	45	41	3
Cape Wrath ...	b c p r	b c p r	42	38	0·2
Sule Skerry ...	*	*	43	39	2
Renfrew ...	c	c b c b	43	37	-
Dyce	c c i r m$_o$ c	c b c m$_o$	42	35	Tr
Wick	b c c i r	c c m$_o$	42	37	1
Lerwick ...	c b c$_o$	c w c r o i$_o$ c	39	31	0·2
Blacksod Point	b c	*	42	*	1
Malin Head ...	*	*	*	*	*
Aldergrove ...	c b c b	b b c	41	39	-
Castle Archdale	b	b c c	41	37	-
Birr Castle ...	r	b	40	37	1
Collinstown ...	r	b c	43	37	0·4
Rineanna ...	P	P	41	38	0·3
Valentia ...	P	b c	45	40	1
Midleton ...	P	P	44	44	0·1

00h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
MERMOZ	52°12′	18°54′	981	+07	300	50	ir	p	45	48	39	56	8	2	-	5	8	13
WEATHER RECORDER	58°48′	19°0′	982	00	040	26	c	p	44	49	43	97	8	-	-	7	7	17
CUMULUS	44°54′	15°42′	999	+13	300	30	bc	p	52	54	41	65	4	-	-	5	5	14
POLAR FRONT	66°0′	01°48′	995	-03	060	33	bc	bc	37	40	27	99	7	-	-	3	3	14
WEATHER WATCHER	61°48′	33°36′	1001	+06	060	25	c	c	30	39	25	98	5	-	-	7	7	14
US SHIP 'C'	52°48′	35°30′	989	+05	200	28	ps$_o$	p	38	46	32	65	8	-	-	8	8	13
US SHIP 'D'	44°0′	41°0′	1013	+12	270	24	c	c	45	63	36	69	5	-	-	8	8	8
FRANCONIA	51°24′	15°12′	984	+10	270	33	d p r	p	45	53	43	98	7	6	-	5	8	X
HIMALAYA	40°0′	09°48′	1004	-20	300	18	bc/r	p	57	60	47	99	7	7	-	3	4	X
HORORATA	44°36′	24°12′	1000	-20	270	24	p r	p	53	56	51	97	-	2	-	0	7	11

06h. Ships' Reports

Ship	Lat. N ° ′	Long. W ° ′	Bar. mb.	Change in 3 hours 0·1 mb.	Wind: Direc.	Wind: Speed	Weather: Pres.	Weather: Past	Temp.: Air °F	Temp.: Sea °F	Temp.: Dew Point °F	Visibility †	Cloud: Form: † Low	Cloud: Form: † Med.	Cloud: Form: † High	Cloud: Amount: Low	Cloud: Amount: Total	Height of waves ft.
MERMOZ	52°42′	20°12′	983	+02	300	50	c	r	46	47	32	60	7	-	-	8	8	16
WEATHER RECORDER	59°0′	18°48′	980	-08	040	28	bc	p	45	49	43	97	2	-	-	4	4	17/12
CUMULUS	44°54′	15° 54′	995	-43	220	23	p r$_o$	bc	52	54	41	65	9	-	-	8	8	14
POLAR FRONT	66°0′	01°36′	995	+02	060	30	c	c	37	40	25	99	x	-	-	8	8	14
WEATHER WATCHER	61°48′	32°42′	1001	-01	050	32	b	p	35	39	32	98	9	-	-	1	1	13
US SHIP 'C'	52°48′	35°30′	988	-05	250	23	bc	p	37	46	29	65	5	-	-	3	3	11
US SHIP 'D'	44°0′	41°0′	1012	-08	270	12	c	c	43	62	29	69	1	2	-	6	8	8
FRANCONIA	51°24′	12°42′	985	+08	250	40	c	c	47	52	43	98	7	-	-	8	8	16
HORORATA	44°12′	24°48′	999	00	270	30	c	c	53	56	51	97	7	2	-	2	8	11
SCOTTISH EAGLE	46°36′	08°18′	995	-03	210	13	c/p r	c	52	52	41	98	5	-	-	8	8	X

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* Information not usually received.

† Code figure (see Introduction)