

8/1335

# THE DAILY WEATHER REPORT

1st October to ~~31st~~ December,

1951



METEOROLOGICAL OFFICE

LONDON. WC2



# 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.

The present revision has made it possible to include a selection of ships' reports for each of the main synoptic hours along with corresponding reports from most 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.

**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 ... " 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 of surface (but not completely).
- 9 ... Loose dry snow covering surface completely.

## WIND SPEED AND DIRECTION

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

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

Table (a) Wind Speed

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

Table (b) Wind Direction

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

## Form of Low Cloud\* (CL)—Columns 9 and 25

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

## Form of Medium Cloud\* (CM)—Columns 10 and 26

- 0 No medium cloud.
  - 1 Semi-transparent Altostratus through which sun or moon are visible.
  - 2 Thick Altostratus or Nimbostratus through which position of sun or moon is indicated by a light patch.
  - 3 Semi-transparent Altocumulus of unchanging elements; at a single level.
  - 4 Semi-transparent Altocumulus in patches; elements continually changing; possibly at more than one level.
  - 5 Semi-transparent Altocumulus in bands or in an increasing layer.
  - 6 Altocumulus formed by spreading out of Cumulus.
  - 7 Any of the following:—
    - (a) Double-layered Altocumulus not increasing.
    - (b) Thick layer of Altocumulus not increasing.
    - (c) Altiocirrus and Altocumulus both present.
  - 8 Altocumulus tufted or turretted.
  - 9 Altocumulus at different levels giving chaotic appearance to the sky. (Patchy dense Cirrus usually present.)
- /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\* (CH)—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 the whole sky.
  - 8 Cirrostratus not increasing and not a complete layer covering whole sky.
  - 9 Cirrocumulus alone or with Cirrus or Cirrostratus where the Cirrocumulus predominates. (Cirrocumulus may also be present with C 1 and C 8.)
- /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 01–80 = cloud height in 100\* of feet

### CODE FIGURES 81–89

- 81 = 9,000 feet
- 82 = not used
- 83 = 10,000 feet
- 84 = 13,000 "
- 85 = 16,000 "
- 86 = 20,000 "
- 87 = 23,000 "
- 88 = 26,000 "
- 89 = 30,000 " or higher

### 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 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.
- fs, 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."
- jp, fog in the vicinity but not at station.
- jp, precipitation within sight of station.
- ks, storm of drifting snow.
- kso, slight storm of drifting snow (generally low).
- kS, heavy storm of drifting snow (generally low).
- kzo, 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; suffixes indicate slight; repetition of letters indicates continuity: thus R, heavy rain. ro, 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—Column 3 and 19.

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

### Second code figure

First code figure	0	1	2	3	4	5	6	7	8	9
X	22	22	44	66	88	110	132	154	176	198 yards
8	10	12½	25	37	50	62	93	125	187	310 miles

## GALE WARNINGS

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

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

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

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

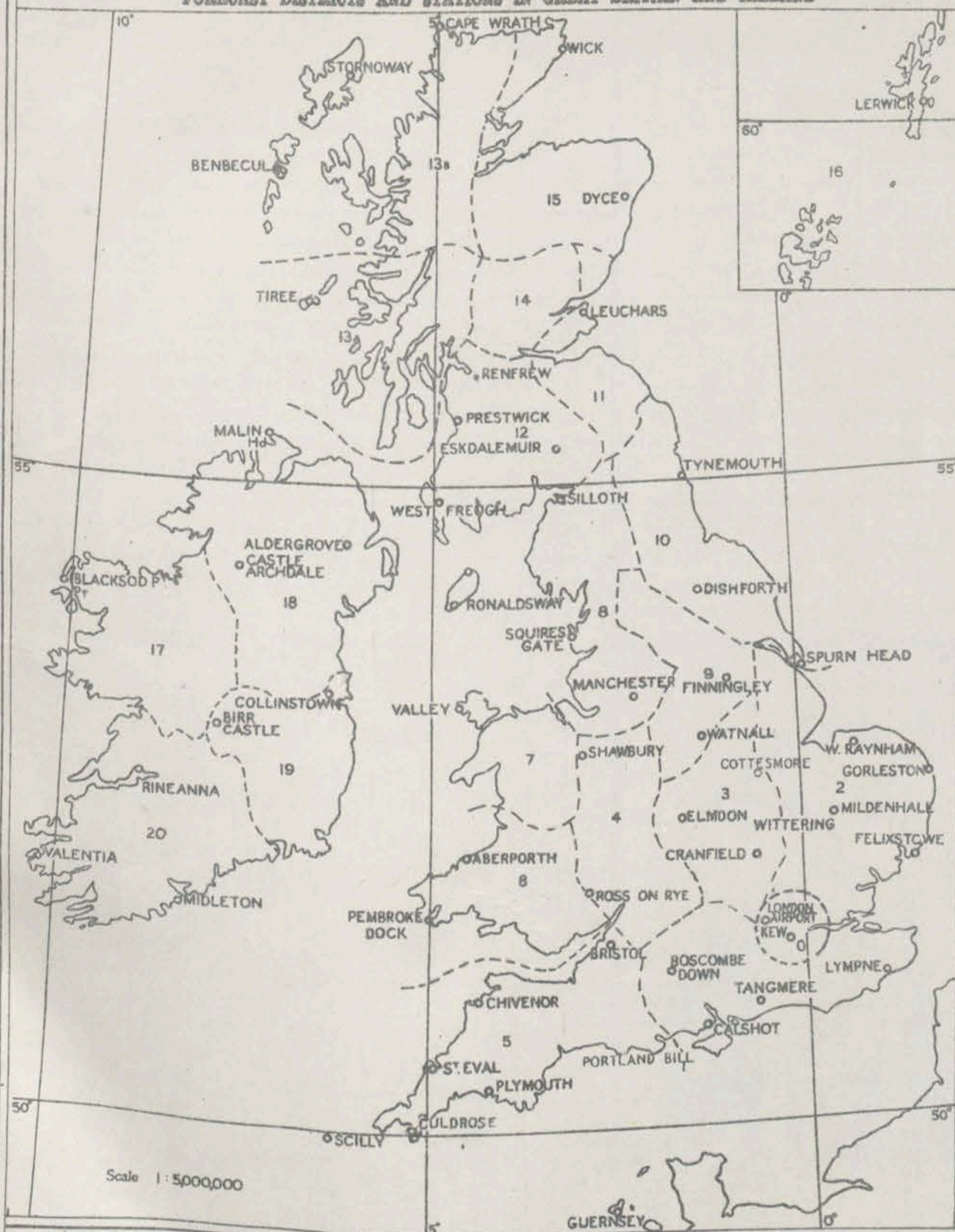
The **South Cone** (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

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

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



# FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



Scale 1:500,000

## FORECAST DISTRICTS and the Counties comprised within them

- |                                                                                                                                                           |                                                                                                                                |                                                                                                                          |                                                                                                                                                                                                          |                                                                                                                                                                              |                                                                            |                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 0. London.                                                                                                                                                | 4. Midlands, W.<br>Gloucestershire,<br>Herefordshire,<br>Worcestershire,<br>Shropshire,<br>Staffordshire.                      | 8. England, N.W.<br>Cheshire,<br>Lancashire,<br>Westmorland,<br>Cumberland.                                              | 11. Scotland, S.E.<br>(contd.)<br>West Lothian,<br>Clackmannanshire,<br>Kinross-shire,<br>Fife-shire,<br>Angus.                                                                                          | 13a. Scotland, N.W.<br>Hebrides,<br>Western part of<br>Inverness,<br>Ross and<br>Cromarty,<br>Sutherland.                                                                    | 16. Orkneys and<br>Shetlands.                                              | 19. Ireland, S.E.<br>Waterford,<br>Wexford,<br>Kilkenny,<br>Carlow,<br>Wicklow,<br>Offaly,<br>Leix,<br>Kildare,<br>Dublin. |
| 1. England, S.E.<br>Kent,<br>Sussex,<br>Surrey,<br>Hampshire,<br>Berkshire,<br>Wiltshire.                                                                 | 5. England, S.W.<br>Dorsetshire,<br>Somersetshire,<br>Devonshire,<br>Cornwall.                                                 | 9. Midlands, N.<br>Derbyshire,<br>Yorkshire, W.                                                                          | 12. Scotland, S.W.,<br>and Isle of Man.<br>Isle of Man,<br>Dumfriesshire,<br>Kirkcubright-<br>shire,<br>Wigtownshire,<br>Ayrshire,<br>Lanarkshire,<br>Renfrewshire,<br>Dumbartonshire,<br>Stirlingshire. | 14. Mid Scotland.<br>Perthshire.                                                                                                                                             | 17. Ireland, N.W.<br>Galway,<br>Roscommon,<br>Mayo,<br>Sligo,<br>Letttrim. | 20. Ireland, S.W.<br>Cork,<br>Kerry,<br>Limerick,<br>Tipperary,<br>Clare.                                                  |
| 2. England, E.<br>Essex,<br>Middlesex,<br>Hertfordshire,<br>Bedfordshire,<br>Huntingdonshire,<br>Cambridgeshire,<br>Suffolk,<br>Norfolk,<br>Lincolnshire. | 6. Wales S. & Mon.<br>Monmouthshire,<br>Glamorganshire,<br>Brecknockshire,<br>Cardiganshire,<br>Pembrokeshire,<br>Radnorshire. | 10. England, N.E.<br>Yorkshire, N. & E.<br>Durham,<br>Northumberland.                                                    | 15. Scotland, N.E.<br>Kincardineshire,<br>Aberdeenshire,<br>Banffshire,<br>Moray,<br>Nairnshire,<br>Caithness,<br>Eastern part of<br>Inverness,<br>Ross, Suther-<br>land.                                | 18. Ireland, N.E.<br>Meath,<br>West Meath,<br>Longford,<br>Cavan,<br>Fermanagh,<br>Monaghan,<br>Louth,<br>Armagh,<br>Down,<br>Antrim,<br>Londonderry,<br>Tyrone,<br>Donegal. |                                                                            |                                                                                                                            |
| 3. Midlands, E.<br>Buckinghamshire,<br>Oxfordshire,<br>Northamptonshire,<br>Warwickshire,<br>Leicestershire,<br>Rutlandshire,<br>Nottinghamshire.         | 7. Wales, N.<br>Montgomeryshire,<br>Merionethshire,<br>Flintshire,<br>Denbighshire,<br>Carnarvonshire,<br>Anglesey.            | 11. Scotland, S.E.<br>Roxburghshire,<br>Selkirkshire,<br>Peeblesshire,<br>Berwickshire,<br>East Lothian,<br>Mid Lothian. | 13a. Scotland, W.<br>Argyll,<br>Bute.                                                                                                                                                                    |                                                                                                                                                                              |                                                                            |                                                                                                                            |

† Boundary line runs  
from Rannoch  
Station through  
Fort Augustus,  
Beauly and Lairg  
to Melnich.

## NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

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

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

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

**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.

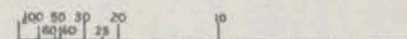
The wind at a height of 1,500–2,000 feet above the ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the charts on Page 3 the speed of the 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 × 10<sup>7</sup> Charts.  
and for 4 mb. „ „ 1:2 × 10<sup>7</sup> „



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. Each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

Particulars of Codes and Specifications which were adopted on 1st January, 1949, will be found in "Handbook of Weather Messages, Codes and Specifications," Part II, obtainable from H.M. Stationery Office, price 1s. 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 3s. 8d. post free.







## SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY.

DISTRICT.		STATIONS.		†TEMPERATURE.												LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																					
				Number of daily readings within fixed limits.						Extremes—Warmest and Coldest						Number of observations within fixed limits.						Number of observations within fixed limits.																					
										Days.				Nights.																													
				Maximum.			Average Maximum.	Minimum.			Average Minimum.	Highest Max.		Lowest Max.		Highest Min.		Lowest Min.		Number of Ground Frosts	9 h.		15 h.		21 h.		9 h.			15 h.													
				32° or below	33° to 41°	42° to 50°		51° to 59°	60° to 68°	23° or below		24° to 32°	33° to 41°	42° to 50°	51° to 59°	Highest Max.	Date.	Lowest Max.	Date.		Highest Min.	Date.	Lowest Min.	Date.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London (Kew Obs.)	0	0	8	22	0	48.6	0	0	8	18	4	40.0	59	7	44	26	53	6	33	26	6	6	20	0	5	24	0	3	21	0	0	0	1	8	3	0	0	0	0	1	1	
1	Croydon	0	0	7	22	1	49.1	0	1	6	19	4	39.4	60	7	44	26	52	18	28	26	0	10	15	0	4	24	0	3	11	1	0	0	1	2	8	0	0	0	0	0	0	19
1	Calshot	0	0	6	23	1	50.1	0	0	5	17	8	41.5	60	7	46	26	55	24	35	26	1	5	20	0	6	23	0	4	15	1	0	0	0	0	17	0	0	0	0	0	0	19
1	Lympne	0	0	5	24	1	47.9	0	2	9	15	4	39.4	60	7	44	26	52	17	28	26	4	11	12	1	9	16	0	3	13	2	0	0	1	4	17	0	0	0	0	0	0	19
2	Shoeburyness	0	0	5	24	1	49.2	0	1	5	21	3	39.0	60	6	44	26	52	18	32	26	6	0	24	0	0	25	2	0	16	0	0	0	0	2	15	0	0	0	0	2	14	
2	Gorleston	0	0	9	21	0	48.6	0	1	6	21	2	40.8	59	24	44	26	52	6	32	26	3	2	13	0	3	19	0	1	12	1	0	0	0	4	7	0	0	0	0	1	9	
2	Waddington 2	0	0	12	18	0	47.1	0	1	11	18	0	37.1	58	24	42	25	50	6	30	26	4	13	12	2	10	16	0	5	9	0	0	1	3	3	6	0	0	0	0	19	0	
3	Birmingham (Edgbaston)	0	0	16	14	0	46.9	0	0	9	21	0	39.0	57	24	42	25	47	17	33	26	1	16	9	0	13	15	0	6	12	0	0	0	5	4	15	0	0	0	2	3	15	
4	Ross-on-Wye	0	0	8	12	0	48.4	0	2	6	21	1	39.0	58	24	46	25	53	24	29	26	5	5	25	0	3	27	0	3	23	0	0	1	1	3	14	0	0	1	0	1	25	
5	Culdrose	0	0	6	24	0	*	0	0	4	23	3	*	58	7	41	25	54	24	36	26	*	7	22	0	10	20	0	10	18	0	0	0	0	2	24	0	0	0	0	1	25	
7	Holyhead (Valley)	0	0	7	22	1	49.7	0	0	6	23	1	44.4	60	10	43	25	52	15	35	26	0	8	21	0	6	23	0	2	26	0	0	0	1	1	26	0	0	0	0	2	24	
8	Hawarden 1	0	0	11	18	1	48.3	0	1	11	18	0	38.2	60	24	42	28	48	5	31	26	3	6	22	2	2	26	0	3	19	0	0	0	1	1	12	0	0	0	0	3	18	
10	Tynemouth	0	1	9	20	0	47.5	0	1	6	23	0	40.4	57	24	41	25	50	11	32	26	1	1	25	0	0	26	0	1	24	0	0	0	1	6	7	0	0	0	0	1	7	
11	Leuchars	0	2	11	17	0	46.7	0	3	12	15	0	36.3	55	15	39	25	48	10	30	23	4	10	16	0	6	20	1	5	15	1	0	0	0	1	13	0	0	0	0	0	4	
12	Renfrew	0	0	9	21	0	46.1	0	2	13	15	0	36.1	55	15	42	26	48	10	31	26	10	6	23	1	5	24	1	2	26	1	0	0	6	1	3	0	0	2	1	28		
12	Eskdalemuir	0	2	22	6	0	43.9	0	6	14	10	0	34.3	52	6	35	25	47	10	24	26	7	14	15	0	6	21	1	5	18	1	0	0	0	0	18	0	0	0	0	0	24	
13a	Sornoway	0	1	9	20	0	47.2	0	4	12	14	0	39.4	54	7	38	25	50	16	30	23	8	7	22	0	6	24	0	0	27	0	0	0	0	0	25	0	0	0	0	0	16	
15	Dyce	0	2	17	11	0	45.5	0	4	11	15	0	36.2	55	29	36	25	50	10	29	23	9	11	16	0	10	18	0	8	16	0	0	0	0	2	13	0	0	0	0	0	19	
18	Aldergrove	0	1	18	11	0	47.9	0	2	11	17	0	39.1	56	9	41	25	49	15	29	26	4	6	24	0	5	25	0	3	20	3	0	1	1	0	20	0	1	0	0	1	29	
19	Birr Castle	0	0	9	21	0	48.6	0	3	9	16	2	38.2	59	10	44	25	52	5	26	26	6	1	24	0	0	28	0	0	22	0	0	0	1	28	0	0	0	0	1	26		
20	Valentia (Cahiriveen)	0	0	3	27	0	51.2	0	1	4	21	4	43.7	58	8	47	25	53	24	32	26	1	3	26	0	5	25	0	5	25	0	0	0	1	0	26	0	0	1	0	0	26	

UPPER AIR TEMPERATURE. † East Anglia  
Downham to 195; Hemaby  
from 195.

Pressure.	Mean Height.	UPPER AIR TEMPERATURE.									UPPER WINDS.																		Surf.								
											No. of records of Velocity (knots) within fixed limits.																										
		LERWICK (30 Reports) (03)	STORN-OWAY (30 Reports) (03)	LEUCHARS (15 Reports) (15)	ALDER-GROVE (30 Reports) (03)	LIVERPOOL (29 Reports) (15)	DOWNHAM-MARKET (30 Reports) (03)	LARKHILL (30 Reports) (03)	CAMBORNE (30 Reports) (03)	VALENTIA (30 Reports) (03)	(30 Reports) (03h)						(30 Reports) (03h)						(30 Reports) (03h)														
mb.	feet	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	Mean Temp. °F.	0 to 15 knots	16 to 25 knots	26 to 35 knots	36 to 45 knots	46 to 55 knots	56 to 65 knots	66 to 75 knots	76 to 85 knots	> 95 knots	0 to 15 knots	16 to 25 knots	26 to 35 knots	36 to 45 knots	46 to 55 knots	56 to 65 knots	66 to 75 knots	76 to 85 knots	> 95 knots	0 to 15 knots	16 to 25 knots	26 to 35 knots	36 to 45 knots	46 to 55 knots	56 to 65 knots	66 to 75 knots	> 95 knots		
Surf.		44.2	45.5	44.7	45.5	46.3	45.0	45.6	49.3	51.0	26	4	0	0	0	0	0	0	0	28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
900	3,240	35.0	37.9	37.2	39.1	39.1	40.3	40.3	41.3	40.8	1	22	7	0	0	0	0	0	0	4	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
800	2,890	28.9	27.8	27.5	30.2	29.9	31.2	31.6	32.7	32.0	5	16	8	1	0	0	0	0	0	3	18	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
700	2,540	16.8	14.2	18.6	20.0	19.7	20.8	21.6	22.4	22.0	2	19	3	1	0	0	0	0	0	1	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600	2,190	4.4	4.8	5.3	7.9	7.0	7.8	8.3	9.4	9.4	2	13	11	4	0	0	0	0	0	1	16	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500	1,840	-12.5	-12.0	-21.1	-9.8	-10.0	-8.3	-7.6	-6.9	-6.9	2	12	9	6	0	1	1	1	1	4	13	12	2	1	1	4	11	5	7	1	0	0	0	0	0	0	
400	1,490	-33.7	-33.4	-43.5	-32.2	-34.8	-29.3	-29.1	-28.6	-27.6	3	7	10	3	4	3	2	10	10	5	1	2	2	8	7	6	4	1	5	10	10	3	0	2	1	1	1
300	1,140	-59.1	-57.3	-52.3	-57.0	-55.8	-53.0	-53.2	-52.3	-52.3	1	6	10	4	5	4	0	7	8	5	5	4	2	4	6	7	3	5	3	7	11	5	2	1	1	1	
200	800	-73.3	-71.1	-73.7	-67.9	-68.7	-65.9	-70.4	-67.1	-60.0	2	9	5	7	2	4	2	9	7	2	1	2	3	5	11	1	4	1	6	13	4	2	2	0	0	0	0

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

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



# SUNSHINE, RAINFALL, AND HUMIDITY.....NOVEMBER.....1951

Page 3

BILITY.  
limits.

Mist.  
Good Visibility.

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## SUNSHINE.

## RAINFALL.

District.	STATIONS.	Number of Days with Duration.				Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.				Number of days with amount.	Maximum fall in 24 hours.	Total for past 12 months.	Difference from average.	Total for Month. †	Difference from average.	Highest and Lowest Totals on record for Month.				Days with Thunder.	Days with Snow or Sleet.																	
		NIL.	0.1—3h.	3.1—6h.	6.1—9h.	Above 9h.	Hours.					Date.	Hours. Ho. rs.	Hours. Hours.	Hrs.							Hrs.	First year of record.	Highest.	Year.			Lowest.	Year.	0, trace or 0.1 mm.	0.2—1 mm.	1.1—5 mm.	5.1—15 mm.	15.1—25 mm.	Above 25 mm.	mm.	Date.	mm. mm.	mm. mm.	First year of record.	Highest.	Year.	Lowest.	Year.
1	London (Kew Obsy.)	8	11	8	3	0	7.7	1	1534	+85	71	+18	1880	81	1883	26	{ 1888 1932	7	4	10	7	2	0	23	18	770	+164	135	+78	1856	172	1940	7	1945	0	0								
1	Croydon	10	9	9	2	0	7.7	3	1469	-86	69	+15	1922	86	1948	28	1932	6	5	11	5	4	0	19	18	909	+230	152	+83	1921	197	1940	6	1945	1	0								
1	Calshot	11	8	7	4	0	7.8	26	1762	+16	71	-2	1881	109	1923	45	1934	8	1	6	9	6	0	25	8	1049	+403	225	+158	1871	225	1951	16	1933	2	0								
1	Lymington	9	10	7	4	0	8.2	3	1697	-68	65	-4	1921	108	1925	35	1934	9	4	8	8	1	0	18	18	928	+204	116	+35	1920	172	1940	26	{ 1932 1945	2	0								
2	Shoeburyness	9	12	6	3	0	6.7	3	1620	-96	63	-3		104	1920	29	1945	9	8	8	5	0	0	10	18	693	+190	64	+10	1920	138	1940	11	1945	1	0								
2	Gorleston	15	7	6	2	0	7.7	3	1636	-7	50	-16	1908	106	1920	35	1945	8	8	8	5	1	0	17	24	759	+137	90	+29	1871	208	1878	20	1920	0	0								
2	Waddington 2	11	10	6	3	0	7.2	26	1518	-20	59	-7	1921	77	{ 1947 1925	38	1932	8	8	7	5	1	1	50	24	730	+140	122	+75	1917	124	1935	11	1945	1	0								
3	Birmingham (Edgbaston)	11	9	7	3	0	7.5	1	1262	-42	60	+14	1887	93	1913	13	1912	5	4	9	7	4	1	34	5	961	+287	199	+138	1893	199	1951	17	1920	0	0								
4	Ross-on-Wye	10	11	6	3	0	7.9	1	1426	-59	67	+4	1915	108	1923	25	1945	6	2	11	7	3	1	25	4	850	+133	181	+117	1859	227	1929	11	1945	1	0								
5	Falmouth (Observatory)	7	10	6	7	0	7.3	11	1876	+168	94	+18	1881	145	1923	38	1917	3	6	10	8	2	1	25	3	1176	+69	169	+47	1871	340	1929	21	1901	2	0								
7	Holyhead (Valley)	9	12	7	2	0	8.2	10	1620	+70	60	-4	1914	124	1925	30	1945	5	2	15	5	2	1	27	8	947	+60	155	+50	1871	204	1877	13	1945	1	1								
8	Hawarden 1	9	14	6	1	0	7.0	26	1423	+47	55	+2	1923	89	1938	24	1945	5	2	14	7	2	0	18	2	798	+160	146	+83	1922	144	1951	5	1945	1	0								
10	Tynemouth	8	14	5	2	0	6.9	22	1333	*	38	*	1935	*	*	*	*	9	9	4	7	0	1	37	5	722	+101	124	+70	1915	130	1944	19	1922	0	0								
11	Leuchars	7	17	3	3	0	6.9	25	1536	+66	59	-11	1922	109	1941	41	1945	9	3	9	5	3	1	31	5	741	+88	153	+95	1922	153	1951	11	1942	0	0								
12	Renfrew	7	18	4	1	0	6.8	25	1350	+157	45	+1	1921	88	1947	23	194	6	4	7	12	1	0	19	23	913	-26	159	+60	1921	205	1939	8	1945	1	0								
12	Eskdalemuir	9	18	3	0	0	4.5	25	1223	+22	32	-23	1910	89	1925	20	1946	5	3	6	9	4	3	33	16	1519	+90	262	+121	1910	297	1933	18	1945	0	1								
13a	Stornoway	11	17	1	1	0	6.1	7	1289	+74	34	-12	1881	67	1911	19	1881	3	4	13	8	2	0	17	30	1081	-120	148	+5	1870	250	1898	24	1945	2	3								
18	Dyce	10	13	6	1	0	6.4	1	1404	-18	52	-5	1881	83	1904	19	1941	4	7	9	6	3	1	71	5	1004	+191	215	+131	1871	215	1951	19	1942	1	3								
18	Aldergrove	8	12	4	0	0	4.8	25	1326	0	33	-25	1927	77	1930	35	1939	5	6	8	8	2	1	28	4	812	-26	153	+70	1926	153	1951	15	1942	0	0								
19	Birr Castle	3	19	6	0	0	5.4	5	1217	-89	44	-17	1881	95	{ 1881 1909	26	1917	11	6	5	8	0	0	10	{ 22 23	819	-8	76	-3	1862	187	1939	18	1945	0	0								
20	Valentia (Cahiriveen)	9	13	7	1	0	6.1	6	1402	+34	60	-3	1880	118	1909	32	1943	4	6	12	6	1	1	47	14	1534	+120	155	+19	1866	310	1931	20	1879	0	0								

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

† Rainfall at Valentia & Birr Castle, measured at 66 & 101.

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

† 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	1	6	14	8	1	0	0	0	0
Ross-on-Wye ...	0	2	6	8	9	5	0	0	0	0
Falmouth (Obsy.)	0	2	6	8	9	5	0	0	0	0
Renfrew ...	14	12	4	0	0	0	0	0	0	0
Eskdalemuir ...	0	5	9	11	3	2	0	0	0	0
Dyce ...	0	2	15	6	6	1	0	0	0	0
Valentia ...	0	2	10	7	8	3	0	0	0	0
Valentia ...	0	1	6	13	10	0	0	0	0	0

## STATE OF GROUND AT 21 h

No. of Days each Type was Recorded.

STATIONS.	0	1	2	3	4	5	6	7	8	9
London (Kew) ...	1	28	1	0	0	0	0	0	0	0
Ross-on-Wye ...	0	28	2	0	0	0	0	0	0	0
Renfrew ...	4	17	8	1	0	0	0	0	0	0
Eskdalemuir ...	0	18	10	2	0	0	0	0	0	0
Dyce ...	0	25	4	0	0	1	0	0	0	0
Valentia ...	2	23	5	0	0	0	0	0	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 hard frost or dew the state of the ground is determined as though those 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.

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

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



## PRESSURE: ICELAND TO GULF OF LIONS

NOVEMBER

1951

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



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

STATION	For heights see p.
New London Air	
Lymington	
Langmere	
Cahot	
Roscombe Down	
Felixstowe	
Corlestone	
West Raynham	
Mildenhall	
Cranfield	
Elmdon	
Cottesmore	
Watnall	
Ross-on-Wye	
Shawbury	
Bristol	
Plymouth	
Chivenor	
St. Eval	
Collyer	
St. Mary	
Gurnsey	
Aberporth	
Pembroke Dock	
Holyhead (Vall)	
Manchester	
Squires Gate	
Salthol	
Finningley	
Spurn Head	
Dunfermline	
Tynemouth	
Leith	
Eskdalemuir	
Prestwick	
West Freugh	
Ronaldsway	
Tiree	
Benbecula	
Stornoway	
Cape Wrath	
Sole Skerry	
Rendrew	
Dyce	
Wick	
Lerwick	
Blackod Point	
Main Head	
Aldergrove	
Castle Archdale	
Barr Castle	
Collinstown	
Rineanna	
Valentia	
Middleton	
Ship	
WEATHER WA	
WEATHER RE	
U.S. SHIP "A"	
U.S. SHIP "C"	
U.S. SHIP "D"	
MEERMOZ	
LE VERRIER	
POLAR FROM	
VEENDAM	
BEAVER COVE	
↑ CLOUD	
a mile	



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Thursday 1<sup>st</sup> November, 1951

OBSERVATIONS at 12h. G.M.T. 31<sup>st</sup> October, 1951.

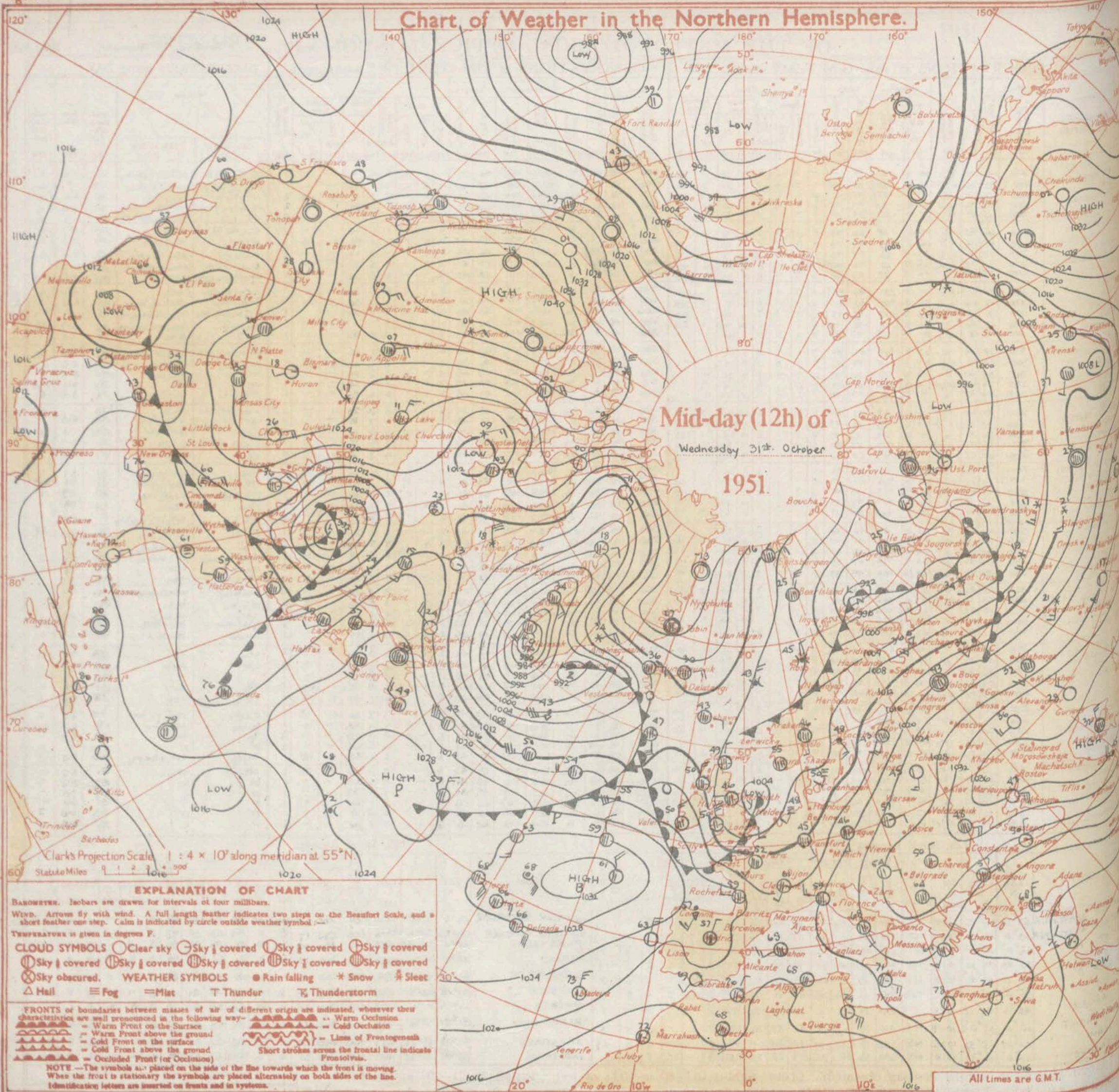
OBSERVATIONS at 18h. G.M.T. 31<sup>st</sup> October, 1951.

OBSERVATIONS during DAY

Station. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.							21 h. State of ground	Weather.		Max. Temp. 21h. °F	Sun- shiny. 21h. %	Rain 21h. mm																		
	Direction (degrees)	Speed (kts.)	+ visibility		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Wet Bulb. °F.	Form.								09h. to 15h. (24)	15h. to 21h. (25)																					
									Low.	Medium.	High.	Total amount.	Alt. ft.	Ht. ft.	Alt. ft.							Ht. ft.																	
																0-8							9-8	9-8	9-8	9-8	9-8	9-8	9-8										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)		
Kew ...	250	11	72	c/r	05.5	-37	49	46	7	-	-	7	7	25	3	12	300	09	30	bc	07.4	419	44	39	-	4	6	5	1	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	49	0.2	8		
London Airport	240	13	72	c/r	05.7	-37	49	45	9	9	3	7	7	83	2	10	290	13	24	bc	07.6	419	43	40	-	6	1	2	1	80	-	-	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	49	0.2	6	
Lymington	230	06	18	c/r	07.3	-33	47	47	6	-	-	8	6	12	5	08	310	10	07	dod	05.2	404	43	42	-	6	2	1	8	8	11	5	08	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	0.0	4
Tangmere	260	13	40	c/r	07.8	-36	49	46	6	7	-	7	6	40	3	15	280	08	81	b	08.9	422	44	39	-	9	6	3	1	1	80	-	-	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	51	1.4	6
Calshot	270	10	81	bc	07.4	-32	48	44	9	7	-	5	4	40	3	20	310	14	81	b	08.4	425	45	38	-	-	-	0	0	-	-	-	0	c/r RR pc tr	c/r R <sub>s</sub> be bmo	49	2.6	4	
Barcombe Down	270	16	48	b	08.0	-28	50	44	9	6	3	2	2	26	-	-	310	10	81	b	09.7	419	41	39	-	9	-	1	1	25	-	-	0	c/r RR pc tr	c/r R <sub>s</sub> be bmo	50	2.7	4	
Felixstowe	230	09	18	c/r	06.3	-32	49	44	5	2	-	8	5	10	-	-	300	06	18	c	04.3	403	46	44	-	2	2	6	5	83	-	45	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	50	0.0	5	
Corleston	200	07	16	c/r	05.4	-30	47	46	5	-	-	8	8	12	-	-	330	05	12	c	03.2	401	46	45	-	3	7	-	7	5	22	-	-	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	0.0	4
West Raynham	220	11	14	c/r	05.0	-22	46	44	7	2	-	8	8	30	6	05	310	10	40	o	04.8	412	45	40	-	5	-	-	8	8	25	-	-	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	0.2	1
Mildenhall	240	08	40	c/r	04.7	-27	49	45	6	7	-	8	6	20	2	06	190	08	28	o	05.0	413	45	43	-	4	-	-	8	8	25	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	50	0.0	0.6
Cranfield	280	10	81	c/r	05.0	-31	46	41	5	7	-	7	6	20	-	-	290	08	48	bc	06.5	416	42	37	-	5	7	2	4	3	30	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	0.4	4
Elmdon	270	12	06	c/r	06.4	-09	43	40	6	-	-	8	8	11	7	08	300	14	11	bc	08.1	411	44	41	-	6	-	-	7	5	35	3	25	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	46	0.3	3
Collesmore	290	11	24	c/r	05.0	-17	46	43	6	9	2	7	6	30	3	08	300	14	32	bc	06.6	421	43	40	-	5	-	-	8	8	23	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	1.7	0.1
Watnall	290	12	40	c	04.9	-14	46	40	8	1	-	6	6	30	1	20	290	06	16	b	06.9	416	42	39	-	3	1	-	5	5	30	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	2.9	TR
Ross-on-Wye	300	12	81	bc	07.7	-08	47	39	8	6	3	7	7	25	-	-	260	06	81	bc	09.8	415	45	39	-	8	-	-	5	5	30	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	2.8	1
Shawbury	310	08	20	bc	07.3	+03	42	41	9	-	-	8	6	06	-	-	290	13	80	bc	08.7	412	43	40	-	3	-	-	7	7	25	3	20	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	47	1.5	10
Bristol	300	08	72	c/r	07.4	-14	49	42	9	7	3	7	4	15	-	-	290	16	80	c	10.2	416	46	39	-	5	-	-	6	6	80	2	20	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	51	2.6	0.1
Plymouth	310	20	40	c/r	12.4	-01	50	45	7	-	-	8	6	25	-	-	290	09	32	bc	13.7	417	49	40	-	4	-	-	3	3	25	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	54	3.9	1
Chivenor	290	24	80	c/r	10.2	-06	51	42	3	6	-	6	6	15	-	-	310	22	83	bc	13.1	413	50	39	-	2	-	-	3	3	25	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	53	4.2	0.4
St. Eval	300	24	48	c/r	13.4	-03	49	42	3	7	2	8	5	08	-	-	320	18	81	c	15.1	409	49	38	-	2	6	-	6	6	16	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	52	3.6	2
Ordnance	360	18	80	c/r	13.0	-04	52	44	8	3	-	6	6	20	3	15	330	13	80	bc	15.2	418	48	38	-	8	3	-	5	3	25	1	18	0	c/r RR pc tr	c/r R <sub>s</sub> be bmo	53	0.5	-
Sally, St. Mary's	300	25	81	c/r	14.5	-06	55	47	8	-	-	7	7	18	-	-	320	20	82	c	16.1	409	51	45	-	7	-	-	7	7	18	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	55	0.5	1
Guernsey	280	22	81	c/r	11.5	-28	53	47	8	2	-	6	4	15	1	07	300	28	82	bc	12.9	419	49	39	-	2	-	-	5	5	20	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	54	1.3	2
Aberporth	310	29	82	c/r	09.8	+07	47	40	3	-	-	7	7	20	-	-	310	20	81	bc	11.3	408	50	40	-	3	-	-	7	6	18	1	12	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	51	2.9	0.1
Penrhos Dock	320	20	81	bc	11.0	+03	50	40	2	-	-	5	5	20	-	-	320	17	81	bc	13.1	411	50	39	-	8	6	-	4	3	18	-	-	0	c/r RR pc tr	c/r R <sub>s</sub> be bmo	52	5.5	-
Holyhead (Valley)	340	21	81	bc	08.0	+10	50	43	2	-	-	5	5	20	-	-	350	18	81	c	09.9	419	51	47	-	2	-	-	7	7	20	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	51	3.3	1
Manchester	310	10	32	c/r	06.5	+02	44	39	8	-	-	7	7	50	5	20	310	10	20	bc	07.3	411	45	41	-	2	-	-	4	5	40	1	20	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	1.7	0.3
Squires Gate	330	12	56	bc	05.7	+03	46	41	3	3	1	7	7	15	1	10	350	11	32	bc	07.8	418	47	40	-	5	-	-	4	4	25	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	50	2.1	1
Silloth	310	12	81	c	05.5	+03	49	40	2	3	-	7	6	20	1	10	350	08	80	b	09.0	425	45	41	-	5	4	-	2	1	30	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	49	1.9	-
Fittingley	310	15	40	c	05.1	+02	50	37	5	-	-	6	6	25	4	18	310	07	56	o	05.9	420	46	40	-	5	-	-	8	8	21	-	-	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo	51	2.6	1
Spurn Head	230	10	24	c	06.0	-23	46	45	5	-	-	7	7	20	-	-	300	18	32	dod	08.9	403	45	44	-	7	-	-	8	8	20	-	-	1	c/r RR pc tr	c/r R <sub>s</sub> be bmo	48	0.5	TR
Dunlith	330	10	80	c	03.8	-03	47	40	8	-	-	7	6	45	3	15	330	10	64	bc	06.4	414	46	42	-	5	7	-	8	6	30	-	-	2	c/r RR pc tr	c/r R <sub>s</sub> be bmo</			



## Chart of Weather in the Northern Hemisphere.



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Water

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# GENERAL INFERENCE.

A depression south of Iceland is expected to move east and an anticyclone east of Newfoundland is expected to move towards the Azores. Pressure is high to the southwest of the British Isles and comparative low to the north and east and a weak trough of low pressure now affecting Ireland and Western Scotland is expected to move gradually eastwards. In most parts of England and Wales and in Eastern Scotland the afternoon will be generally fine but in western districts of Great Britain and in Ireland it will be mainly cloudy with slight rain at times. This rain is expected to extend eastwards to most districts during the night and there may be fog in places towards dawn. In Southern and Midland districts of England tomorrow morning is

## General inference continued.

likely to be mainly cloudy with slight rain here and there, but in northern districts there will be bright periods, perhaps with a few showers. Temperatures will be about or rather above normal for early November.

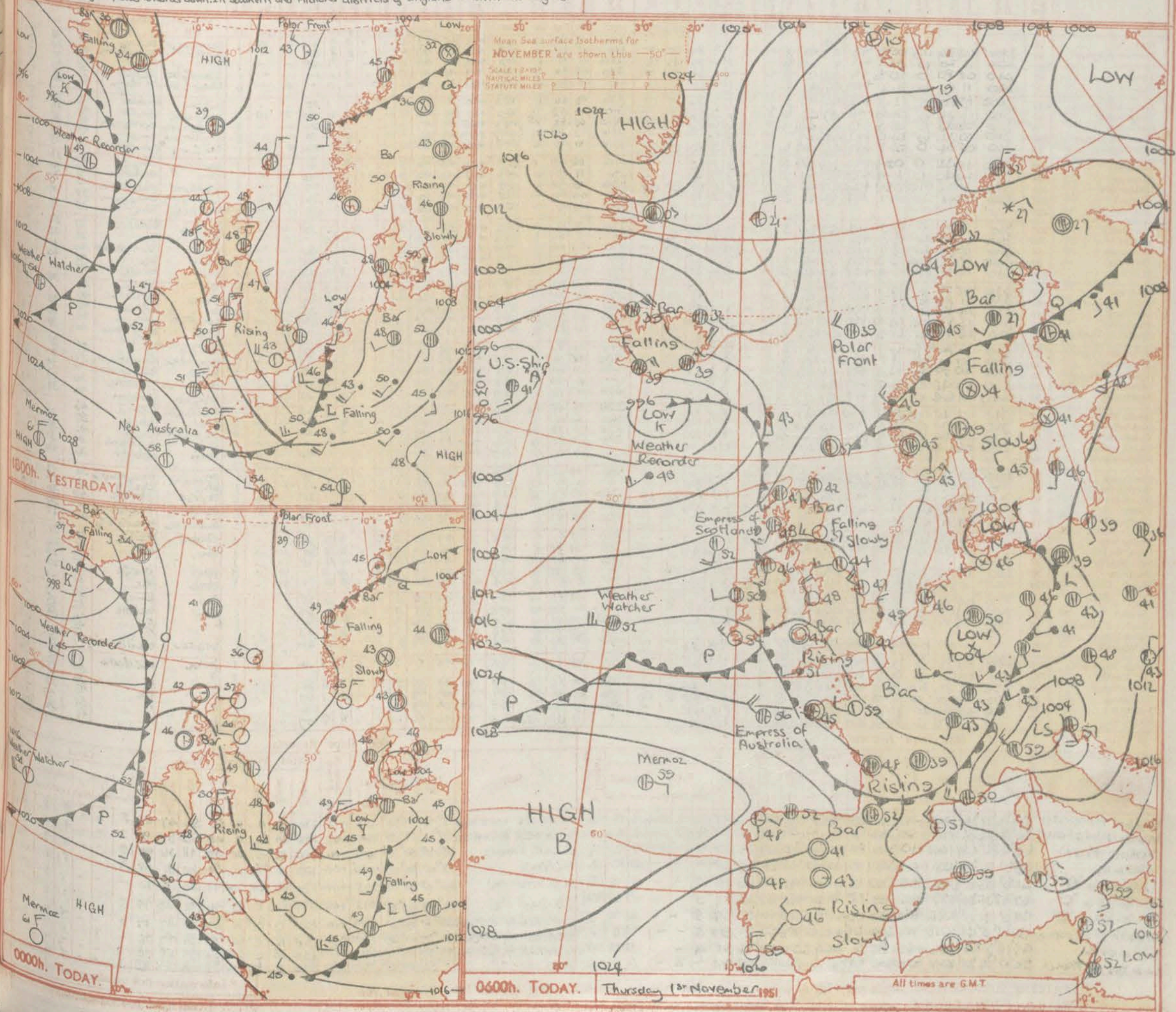
# FURTHER OUTLOOK

## Further Outlook.

Bright periods, with showers mostly in the North.

Mean Sea surface isotherms for NOVEMBER are shown thus — 50°

SCALE 1:2000  
NAUTICAL MILES  
STATUTE MILES



0600h. TODAY. Thursday 1st November 1951

All times are GMT



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 06hr. G.M.T. 1st November 1951																	OBSERVATIONS at 06hr. G.M.T. 1st November 1951																	OBSERVATIONS during NIGHT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Stations.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						Wind Direction (degrees).	Speed (kts.).	Visibility.	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	% Dry Bulb.	% Dew point.	Form.						State of ground.	Weather.	Temperature		Rain.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)									(o)	(p)	(q)	(r)	(s)	(t)			(u)	(v)		(w)	(x)	(y)	(z)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)	(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)	(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)	(ci)	(cj)	(ck)	(cl)	(cm)	(cn)	(co)	(cp)	(cq)	(cr)	(cs)	(ct)	(cu)	(cv)	(cw)	(cx)	(cy)	(cz)	(da)	(db)	(dc)	(dd)	(de)	(df)	(dg)	(dh)	(di)	(dj)	(dk)	(dl)	(dm)	(dn)	(do)	(dp)	(dq)	(dr)	(ds)	(dt)	(du)	(dv)	(dw)	(dx)	(dy)	(dz)	(ea)	(eb)	(ec)	(ed)	(ee)	(ef)	(eg)	(eh)	(ei)	(ej)	(ek)	(el)	(em)	(en)	(eo)	(ep)	(eq)	(er)	(es)	(et)	(eu)	(ev)	(ew)	(ex)	(ey)	(ez)	(fa)	(fb)	(fc)	(fd)	(fe)	(ff)	(fg)	(fh)	(fi)	(fj)	(fk)	(fl)	(fm)	(fn)	(fo)	(fp)	(fq)	(fr)	(fs)	(ft)	(fu)	(fv)	(fw)	(fx)	(fy)	(fz)	(ga)	(gb)	(gc)	(gd)	(ge)	(gf)	(gg)	(gh)	(gi)	(gj)	(gk)	(gl)	(gm)	(gn)	(go)	(gp)	(gq)	(gr)	(gs)	(gt)	(gu)	(gv)	(gw)	(gx)	(gy)	(gz)	(ha)	(hb)	(hc)	(hd)	(he)	(hf)	(hg)	(hh)	(hi)	(hj)	(hk)	(hl)	(hm)	(hn)	(ho)	(hp)	(hq)	(hr)	(hs)	(ht)	(hu)	(hv)	(hw)	(hx)	(hy)	(hz)	(ia)	(ib)	(ic)	(id)	(ie)	(if)	(ig)	(ih)	(ii)	(ij)	(ik)	(il)	(im)	(in)	(io)	(ip)	(iq)	(ir)	(is)	(it)	(iu)	(iv)	(iw)	(ix)	(iy)	(iz)	(ja)	(jb)	(jc)	(jd)	(je)	(jf)	(jg)	(jh)	(ji)	(jj)	(jk)	(jl)	(jm)	(jn)	(jo)	(jp)	(jq)	(jr)	(js)	(jt)	(ju)	(jv)	(jw)	(jx)	(jy)	(jz)	(ka)	(kb)	(kc)	(kd)	(ke)	(kf)	(kg)	(kh)	(ki)	(kj)	(kk)	(kl)	(km)	(kn)	(ko)	(kp)	(kq)	(kr)	(ks)	(kt)	(ku)	(kv)	(kw)	(kx)	(ky)	(kz)	(la)	(lb)	(lc)	(ld)	(le)	(lf)	(lg)	(lh)	(li)	(lj)	(lk)	(ll)	(lm)	(ln)	(lo)	(lp)	(lq)	(lr)	(ls)	(lt)	(lu)	(lv)	(lw)	(lx)	(ly)	(lz)	(ma)	(mb)	(mc)	(md)	(me)	(mf)	(mg)	(mh)	(mi)	(mj)	(mk)	(ml)	(mm)	(mn)	(mo)	(mp)	(mq)	(mr)	(ms)	(mt)	(mu)	(mv)	(mw)	(mx)	(my)	(mz)	(na)	(nb)	(nc)	(nd)	(ne)	(nf)	(ng)	(nh)	(ni)	(nj)	(nk)	(nl)	(nm)	(nn)	(no)	(np)	(nq)	(nr)	(ns)	(nt)	(nu)	(nv)	(nw)	(nx)	(ny)	(nz)	(oa)	(ob)	(oc)	(od)	(oe)	(of)	(og)	(oh)	(oi)	(oj)	(ok)	(ol)	(om)	(on)	(oo)	(op)	(oq)	(or)	(os)	(ot)	(ou)	(ov)	(ow)	(ox)	(oy)	(oz)	(pa)	(pb)	(pc)	(pd)	(pe)	(pf)	(pg)	(ph)	(pi)	(pj)	(pk)	(pl)	(pm)	(pn)	(po)	(pp)	(pq)	(pr)	(ps)	(pt)	(pu)	(pv)	(pw)	(px)	(py)	(pz)	(qa)	(qb)	(qc)	(qd)	(qe)	(qf)	(qg)	(qh)	(qi)	(qj)	(qk)	(ql)	(qm)	(qn)	(qo)	(qp)	(qq)	(qr)	(qs)	(qt)	(qu)	(qv)	(qw)	(qx)	(qy)	(qz)	(ra)	(rb)	(rc)	(rd)	(re)	(rf)	(rg)	(rh)	(ri)	(rj)	(rk)	(rl)	(rm)	(rn)	(ro)	(rp)	(rq)	(rr)	(rs)	(rt)	(ru)	(rv)	(rw)	(rx)	(ry)	(rz)	(sa)	(sb)	(sc)	(sd)	(se)	(sf)	(sg)	(sh)	(si)	(sj)	(sk)	(sl)	(sm)	(sn)	(so)	(sp)	(sq)	(sr)	(ss)	(st)	(su)	(sv)	(sw)	(sx)	(sy)	(sz)	(ta)	(tb)	(tc)	(td)	(te)	(tf)	(tg)	(th)	(ti)	(tj)	(tk)	(tl)	(tm)	(tn)	(to)	(tp)	(tq)	(tr)	(ts)	(tt)	(tu)	(tv)	(tw)	(tx)	(ty)	(tz)	(ua)	(ub)	(uc)	(ud)	(ue)	(uf)	(ug)	(uh)	(ui)	(uj)	(uk)	(ul)	(um)	(un)	(uo)	(up)	(uq)	(ur)	(us)	(ut)	(uu)	(uv)	(uw)	(ux)	(uy)	(uz)	(va)	(vb)	(vc)	(vd)	(ve)	(vf)	(vg)	(vh)	(vi)	(vj)	(vk)	(vl)	(vm)	(vn)	(vo)	(vp)	(vq)	(vr)	(vs)	(vt)	(vu)	(vv)	(vw)	(vx)	(vy)	(vz)	(wa)	(wb)	(wc)	(wd)	(we)	(wf)	(wg)	(wh)	(wi)	(wj)	(wk)	(wl)	(wm)	(wn)	(wo)	(wp)	(wq)	(wr)	(ws)	(wt)	(wu)	(wv)	(ww)	(wx)	(wy)	(wz)	(xa)	(xb)	(xc)	(xd)	(xe)	(xf)	(xg)	(xh)	(xi)	(xj)	(xk)	(xl)	(xm)	(xn)	(xo)	(xp)	(xq)	(xr)	(xs)	(xt)	(xu)	(xv)	(xw)	(xx)	(xy)	(xz)	(ya)	(yb)	(yc)	(yd)	(ye)	(yf)	(yg)	(yh)	(yi)	(yj)	(yk)	(yl)	(ym)	(yn)	(yo)	(yp)	(yq)	(yr)	(ys)	(yt)	(yu)	(yv)	(yw)	(yx)	(yy)	(yz)	(za)	(zb)	(zc)	(zd)	(ze)	(zf)	(zg)	(zh)	(zi)	(zj)	(zk)	(zl)	(zm)	(zn)	(zo)	(zp)	(zq)	(zr)	(zs)	(zt)	(zu)	(zv)	(zw)	(zx)	(zy)	(zz)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)	(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)	(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)	(ci)	(cj)	(ck)	(cl)	(cm)	(cn)	(co)	(cp)	(cq)	(cr)	(cs)	(ct)	(cu)	(cv)	(cw)	(cx)	(cy)	(cz)	(da)	(db)	(dc)	(dd)	(de)	(df)	(dg)	(dh)	(di)	(dj)	(dk)	(dl)	(dm)	(dn)	(do)	(dp)	(dq)	(dr)	(ds)	(dt)	(du)	(dv)	(dw)	(dx)	(dy)	(dz)	(ea)	(eb)	(ec)	(ed)	(ee)	(ef)	(eg)	(eh)	(ei)	(ej)	(ek)	(el)	(em)	(en)	(eo)	(ep)	(eq)	(er)	(es)	(et)	(eu)	(ev)	(ew)	(ex)	(ey)	(ez)	(fa)	(fb)	(fc)	(fd)	(fe)	(ff)	(fg)	(fh)	(fi)	(fj)	(fk)	(fl)	(fm)	(fn)	(fo)	(fp)	(fq)	(fr)	(fs)	(ft)	(fu)	(fv)	(fw)	(fx)	(fy)	(fz)	(ga)	(gb)	(gc)	(gd)	(ge)	(gf)	(gg)	(gh)	(gi)	(gj)	(gk)	(gl)	(gm)	(gn)	(go)	(gp)	(gq)	(gr)	(gs)	(gt)	(gu)	(gv)	(gw)	(gx)	(gy)	(gz)	(ha)	(hb)	(hc)	(hd)	(he)	(hf)	(hg)	(hh)	(hi)	(hj)	(hk)	(hl)	(hm)	(hn)	(ho)	(hp)	(hq)	(hr)	(hs)	(ht)	(hu)	(hv)	(hw)	(hx)	(hy)	(hz)	(ia)	(ib)	(ic)	(id)	(ie)	(if)	(ig)	(ih)	(ii)	(ij)	(ik)	(il)	(im)	(in)	(io)	(ip)	(iq)	(ir)	(is)	(it)	(iu)	(iv)	(iw)	(ix)	(iy)	(iz)	(ja)	(jb)	(jc)	(jd)	(je)	(jf)	(jg)	(jh)	(ji)	(jj)	(jk)	(jl)	(jm)	(jn)	(jo)	(jp)	(jq)	(jr)	(js)	(jt)	(ju)	(jv)	(jw)	(jx)	(jy)	(jz)	(ka)	(kb)	(kc)	(kd)	(ke)	(kf)	(kg)	(kh)	(ki)	(kj)	(kk)	(kl)	(km)	(kn)	(ko)	(kp)	(kq)	(kr)	(ks)	(kt)	(ku)	(kv)	(kw)	(kx)	(ky)	(kz)	(la)	(lb)	(lc)	(ld)	(le)	(lf)	(lg)	(lh)	(li)	(lj)	(lk)	(lm)	(ln)	(lo)	(lp)	(lq)	(lr)	(ls)	(lt)	(lu)	(lv)	(lw)	(lx)	(ly)	(lz)	(ma)	(mb)	(mc)	(md)	(me)	(mf)	(mg)	(mh)	(mi)	(mj)	(mk)	(ml)	(mm)	(mn)	(mo)	(mp)	(mq)	(mr)	(ms)	(mt)	(mu)	(mv)	(mw)	(mx)	(my)	(mz)	(na)	(nb)	(nc)	(nd)	(ne)	(nf)	(ng)	(nh)	(ni)	(nj)	(nk)	(nl)	(nm)	(nn)	(no)	(np)	(nq)	(nr)	(ns)	(nt)	(nu)	(nv)	(nw)	(nx)	(ny)	(nz)	(oa)	(ob)	(oc)	(od)	(oe)	(of)	(og)	(oh)	(oi)	(oj)	(ok)	(ol)	(om)	(on)	(oo)	(op)	(oq)	(or)	(os)	(ot)	(ou)	(ov)	(ow)	(ox)	(oy)	(oz)	(pa)	(pb)	(pc)	(pd)	(pe)	(pf)	(pg)	(ph)	(pi)	(pj)	(pk)	(pl)	(pm)	(pn)	(po)	(pp)	(pq)	(pr)	(ps)	(pt)	(pu)	(pv)	(pw)	(px)	(py)	(pz)	(qa)	(qb)	(qc)	(qd)	(qe)	(qf)	(qg)	(qh)	(qi)	(qj)	(qk)	(ql)	(qm)	(qn)	(qo)	(qp)	(qq)	(qr)	(qs)	(qt)	(qu)	(qv)	(qw)	(qx)	(qy)	(qz)	(ra)	(rb)	(rc)	(rd)	(re)	(rf)	(rg)	(rh)	(ri)	(rj)	(rk)	(rl)	(rm)	(rn)	(ro)	(rp)	(rq)	(rr)	(rs)	(rt)	(ru)	(rv)	(rw)	(rx)	(ry)	(rz)	(sa)	(sb)	(sc)	(sd)	(se)	(sf)	(sg)	(sh)	(si)	(sj)	(sk)	(sl)	(sm)	(sn)	(so)	(sp)	(sq)	(sr)	(ss)	(st)	(su)	(sv)	(sw)	(sx)	(sy)	(sz)	(ta)	(tb)	(tc)	(td)	(te)	(tf)	(tg)	(th)	(ti)	(tj)	(tk)	(tl)	(tm)	(tn)	(to)	(tp)	(tq)	(tr)	(ts)	(tt)	(tu)	(tv)	(tw)	(tx)	(ty)	(tz)	(ua)	(ub)	(uc)	(ud)	(ue)	(uf)	(ug)	(uh)	(ui)	(uj)	(uk)	(ul)	(um)	(un)	(uo)	(up)	(uq)	(ur)	(us)	(ut)	(uu)	(uv)	(uw)	(ux)	(uy)	(uz)	(va)	(vb)	(vc)	(vd)	(ve)	(vf)	(vg)	(vh)	(vi)	(vj)	(vk)	(vl)	(vm)	(vn)	(vo)	(vp)	(vq)	(vr)	(vs)	(vt)	(vu)	(vv)	(vw)	(wx)	(wy)	(wz)	(xa)	(xb)	(xc)	(xd)	(xe)	(xf)	(xg)	(xh)	(xi)	(xj)	(xk)	(xl)	(xm)	(xn)	(xo)	(xp)	(xq)	(xr)	(xs)	(xt)	(xu)	(xv)	(xw)	(xx)	(xy)	(yz)	(za)	(zb)	(zc)	(zd)	(ze)	(zf)	(zg)	(zh)	(zi)	(zj)	(zk)	(zl)	(zm)	(zn)	(zo)	(zp)	(zq)	(zr)	(zs)	(zt)	(zu)	(zv)	(zw)	(zx)	(zy)	(zz)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)

00h. Ships' Reports																				06h. Ships' Reports																			
Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb.	Wind		Weather		Temp.			Visibility	Cloud					Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb.	Wind		Weather		Temp.			Visibility	Cloud					Height of waves ft.		
					Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew °Point		Form			Amount								Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew °Point		Form			Amount				
													Low	Med.	High	Low	Total															Low	Total	Low	Med.	High		Low	Total
Weather Recorder	59°12'	18°36'	1004	-10	280	09	pc	pr	45	50	44	8	2	-	-	4	4	8	WEATHER WATCHER	52°42'	19°54'	1015	-12	270	18	0	c	52	54	47	98	5	-	-	8	8	8		
Weather Watcher	52°36'	20°0'	1018	-05	260	18	b	c	54	54	47	98	4	7	-	2	2	8	WEATHER RECORDER	59°12'	18°30'	1001	-07	240	20	1/6	r	45	50	52	98	2	-	-	4	4	1/2		
Polar Front	65°42'	6°2'	1007	-10	310	10	pn	bc	39	47	33	99	9	-	-	7	7	1 1/2	POLAR FRONT	65°48'	02°12'	1005	-06	300	12	c	pr	39	48	36	98	9	-	-	7	7	5		
Mermoz	45°0'	16°0'	1031	-04	340	10	b	b	61	61	53	98	-	-	-	0	0	3	MERMOZ	45°0'	16°0'	1030	-04	100	x	br	r	59	60	31	98	7	-	-	8	8	5		
U.S. Ship "A"	62°0'	33°0'	995	+05	170	15	bc	c	41	30	36	80	5	-	-	5	5	5	U.S. SHIP 'A'	62°0'	33°0'	995	+04	170	07	c/pr	pr	41	50	36	80	-	-	-	7	7			
U.S. Ship "C"	52°48'	35°30'	1017	+05	260	28	b	pr	48	48	34	74	5	-	-	2	2	17 1/2	U.S. SHIP 'C'	52°48'	35°30'	1012	+06	270	x2	b	bc	46	48	35	74	5	-	-	2	2			
U.S. Ship "D"	44°0'	41°0'	1030	+16	030	06	c	c	58	61	47	74	5	-	-	6	6	5	EMPRESS OF SCOTLAND	56°6'	12°0'	1009	+10	190	12	bc	b	52	56	47	99	4	-	-	4	4			
Weather Explorer	55°18'	5°48'	1013	x	310	04	bc	c	52	54	46	98	5	-	-	1	3	x	EMARESS OF FRANCE	55°54'	11°30'	1010	-10	260	18	c	bc	51	54	47	98	-	7	-	0	7			
Dilwara	49°24'	3°9'	1016	+40	280	21	bc	bc	52	57	41	98	4	-	-	5	5	5	EMPRESS OF AUSTRALIA	48°34'	07°6'	1019	-18	330	14	c	pr	56	59	54	98	2	-	-	7	7			
Empress of France	56°12'	14°35'	1011	+00	160	18	0/r	0	51	53	47	98	-	2	-	8	8	x	WINCHESTER	47°12'	06°12'	1021	-40	340	12	bc	c	58	60	56	99	2	-	-	4	4			

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\* Information not usually received.

† Code figure (see Introduction)



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON. Date of issue

Friday 2nd November. 1951

Time		OBSERVATIONS at 12h. G.M.T. 15th November 1951																OBSERVATIONS at 18h. G.M.T. 15th November 1951																OBSERVATIONS during DAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Temperature		Station		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Wind		Pressure	

Amount		12h. Ships' Reports															18h. Ships' Reports																						
		Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours	Wind		Weather		Temp.		Visibility	Cloud			Height of waves	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours	Wind		Weather		Temp.		Visibility	Cloud			Height of waves						
							Dir.	Speed	Pres.	Part	Air	Sea		Dew Point	Form	Amount							Dir.	Speed	Pres.	Part	Air	Sea		Dew Point	Form	Amount							
																																		Low	Med.	High	Low	Total	Low
8	8	WEATHER WATCHER	52° 48'	19° 42'	1015	-02	300	20	bc	r	51	55	43	98	2	3	-	3	4	2 1/2	WEATHER RECORDER	59° 12'	18° 0'	1002	+02	320	07	bclpr	pr	44	50	39	97	9	-	3	2	4	13
4	4	POLAR FRONT	59° 12'	18° 24'	1002	+08	260	15	bc	pl	45	50	42	98	3	6	-	3	3	6 1/2	WEATHER WATCHER	52° 42'	19° 36'	1013	-08	280	27	bclpr	pr	50	54	42	98	3	6	-	4	4	14
7	7	AURENTIA	65° 48'	02° 24'	1005	-03	290	13	cipr	pr	39	42	34	99	8	-	-	7	7	1 1/2	WEATHER EXPLORER	58° 24'	08° 0'	1007	-16	260	19	bclpr	pr	51	53	45	96	5	2	-	6	8	6 1/2
8	8	DEERPOOL	56° 24'	28° 36'	1003	-12	160	35	cipr	pl	43	48	39	98	2	-	-	6	6	16	POLAR FRONT	66° 48'	02° 00'E	1004	-01	300	12	c	c	41	47	32	99	8	-	-	7	7	17 1/2
7	7	EMPRESS OF SCOTLAND	41° 6'	26° 48'	1031	+04	200	04	c	c	68	66	56	99	8	3	4	3	6	1	MERMOS	45° 0'	16° 0'	1024	-18	270	16	o	c	61	61	54	98	8	-	-	3	8	3
2	2	CORRIENTES	56° 24'	16° 30'	1007	-04	270	18	bclpr	pr	49	54	45	98	3	-	-	4	4	-	U.S. SHIP "A"	62° 0'	23° 0'	1004	+27	240	03	ip	pr	42	50	35	80	2	7	-	1	2	25 1/2
4	4	U.S. SHIP "A"	45° 42'	15° 18'	1026	+05	270	13	o	c	59	47	49	98	5	5	-	4	8	5	PAKAGUAY	47° 12'	10° 48'	1020	-08	260	14	ip	pr	59	60	53	97	7	7	8	6	8	5
0	7	U.S. SHIP "C"	62° 0'	33° 0'	999	+22	240	08	cipr	c	42	50	36	80	2	7	1	5	6	6 1/2	CORRIENTES	44° 54'	16° 18'	1024	+00	270	13	o	c	60	57	54	99	-	7	-	8	8	5
7	7	MERMOS	52° 18'	25° 30'	1023	+25	280	37	cipr	pr	46	48	36	74	2	-	-	6	6	21	ARMADALE	49° 26'	12° 42'	1016	-25	250	09	c	c	57	62	55	97	4	5	-	7	7	-
4	4	↑ CLOUD	45° 0'	16° 0'	1029	-09	290	18	o	c	61	61	48	98	8	-	-	8	8	3	DEERPOOL	40° 18'	29° 06'	1029	-03	200	02	b	b	57	65	56	99	5	-	-	1	1	1

\* Information not usually received.

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



## Chart of Weather in the Northern Hemisphere.





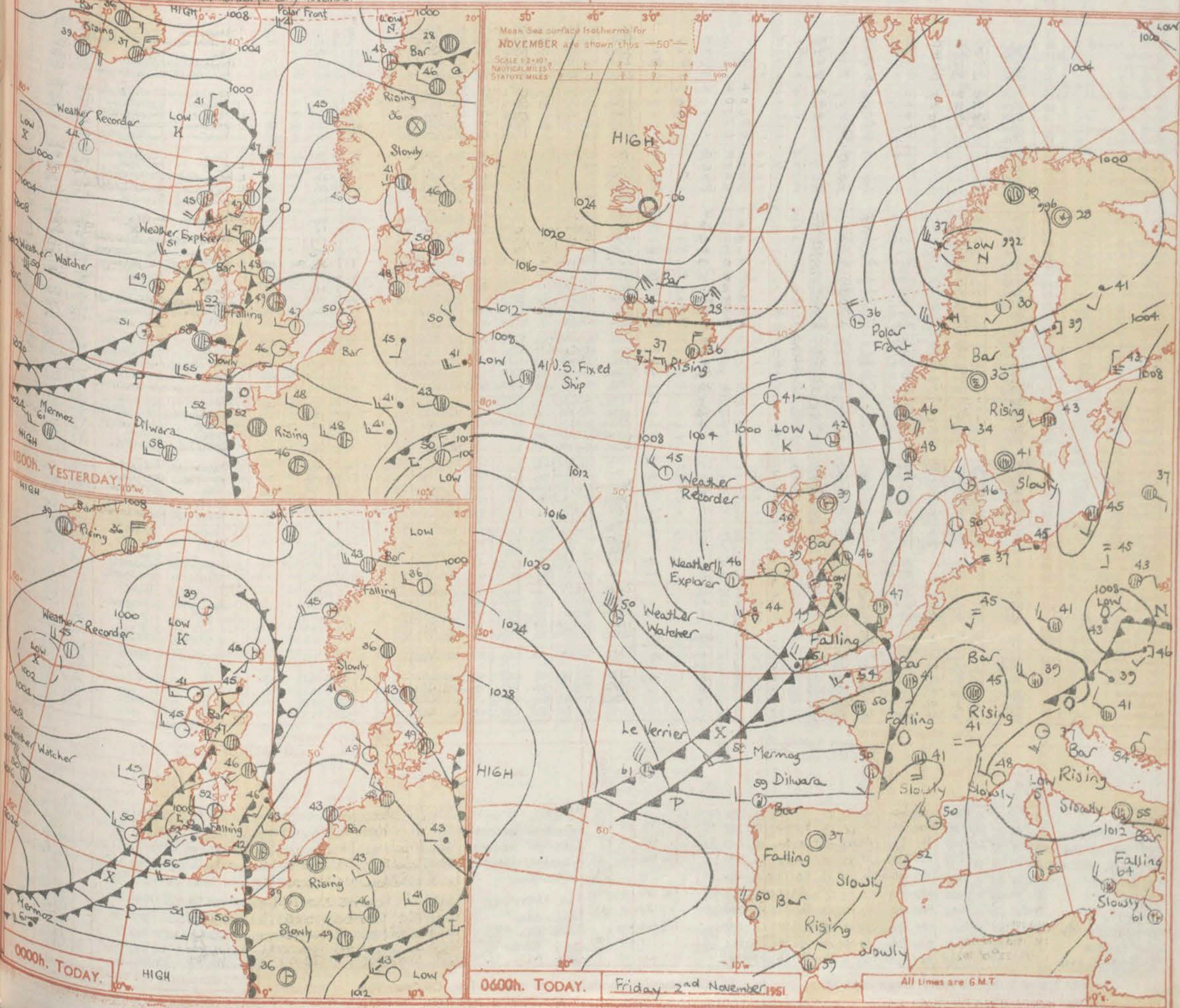
**GENERAL INFERENCE.**

A depression north of Scotland is filling and another south of Greenland is moving east, while there is a large anticyclone in mid Atlantic. A depression centred over Northern England is moving northeast and an associated trough of low pressure is moving eastwards across England. Over the greater part of Eastern England it will be dull at first with rain at times, but brighter though showery weather which has already reached Western and northern districts of the British Isles will spread to almost all areas during the afternoon and evening. Skies will clear generally tonight and there will be ground frost in many places inland. Fog patches may develop here and there during the night in East and Southeast England. Tomorrow morning will be mainly fine at first, apart from showers in the West and North, but in parts of Northeast England and Eastern Scotland it may be dull at first with rain at times. Temperatures will mostly be a little below normal for early November.

**FURTHER OUTLOOK.**

Bright periods and showers tomorrow afternoon, though in the South the showers will probably be well scattered. Rain is expected to reach Western Ireland tomorrow evening and will probably spread to all districts later.

Mean Sea surface Isotherms for NOVEMBER are shown thus — 50° —  
SCALE 1:250,000  
NAUTICAL MILES  
STATUTE MILES



All times are GMT



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships' Reports															06h. Ships' Reports																							
Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb	Wind Direc.	Speed	Weather		Temp.			Visibility	Cloud					Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb	Wind Direc.	Speed	Weather		Temp.			Visibility	Cloud					Height of waves ft.	Ship
							Pres.	Past	Air °F	Sea °F	Dew Point °F		Form			Amount										Form			Amount									
							Low	Med.	High	Low	Total		Low	Med.	High	Low	Total									Low	Med.	High	Low	Total								
MERMOZ	45°0'	16°0'	1021	+15	250	16	ig	c	61	59	61	96	7	-	-	8	8	5	Polar Front	65°48'	20°E	1005	+03	240	14	bc	pr	36	47	20	99	9	-	-	3	3	9 1/2	WEATHER WATCHER
POLAR FRONT	65°48'	01°54'E	1003	+06	350	15	o	pr	39	43	38	98	5	-	-	8	8	5	Weather Recorder	59°0'	16°6'	1005	+18	310	08	b	pr	45	40	39	98	3	-	-	2	2	16	POLAR FRONT
WEATHER RECORDER	55°6'	17°24'	1003	+11	280	12	bc/pr	pr	45	50	43	98	3	-	-	4	4	8	Weather Watcher	52°36'	19°30'	1013	+11	310	4S	bc	pr	50	54	40	98	3	-	-	3	3	6 1/2	WEATHER RECORDER
WEATHER WATCHER	52°42'	19°48'	1012	-02	300	28	pr	bc	50	55	41	97	9	-	-	4	4	16	Weather Explorer	54°36'	10°36'	1003	73	230	18	bc	pr	46	53	41	96	2	-	-	4	4	9	WEATHER EXPLORER
U.S. SHIP 'A'	62°0'	33°0'	1008	+17	230	06	bc	c	41	50	35	80	5	-	-	5	5	9 1/2	Mermoz	46°20'	10°36'	1016	-74	250	08	ig	d	59	61	59	98	7	-	-	8	8	6 1/2	MERMOZ
U.S. SHIP 'C'	52°48'	35°30'	1024	-09	230	17	c	c	48	48	39	74	5	-	6	2	6	11	Le Verrier	45°0'	16°0'	1024	+15	310	24	bc	c	61	58	57	96	5	-	-	5	5	12	U.S. SHIP 'A'
U.S. SHIP 'D'	44°0'	42°0'	1028	-04	180	07	b	bc	63	62	54	74	5	-	-	2	2	3	Dilwala	44°0'	4°48'	1019	-05	270	03	bc	bc	59	60	53	98	5	-	-	4	4	11	DILWALA
MANCHESTER PORT	56°18'	24°24'	1010	+20	290	24	c	pr	46	50	42	98	3	-	-	6	6	19	U.S. Ship 'C'	52°48'	35°30'	1010	-23	210	19	o	c	50	44	45	74	5	-	-	8	8	13	NEW FOUNDLAND
LAURENTIA	56°18'	31°18'	1016	+40	290	30	bc	pr	44	48	39	97	3	-	-	3	3	U.S. Ship 'D'	44°0'	41°0'	1024	-10	200	09	b	bc	64	66	57	74	-	-	-	0	0	8	APAPA	
NEWFOUNDLAND.	51°18'	32°12'	1025	+03	270	15	b	bc	49	56	39	98	-	-	-	0	0	U.S. Ship 'A'	62°0'	33°0'	1007	-18	230	07	o	c	41	50	24	80	5	-	-	8	8	13		

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\* Information not usually received.

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Saturday 3rd November, 1951

OBSERVATIONS at 12h. G.M.T. 2nd November 1951.

OBSERVATIONS at 18h. G.M.T. 2nd November 1951.

OBSERVATIONS during DAY

21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 01 h.		21 h. - 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All times are G.M.T.



### GENERAL INFERENCE.

A deep depression is almost stationary east of Iceland, and an anticyclone over Labrador is moving southeast. There is a slow moving depression centred near the East coast of Scotland and another depression now south of Iceland is moving towards Western Scotland. In England and Wales there will be long bright periods this afternoon with heavy showers here and there, mostly on high ground in the West, but rain which has already reached Western Ireland is expected to spread to Western districts of England and Wales during tonight and to affect all eastern districts tomorrow morning. In Eastern Scotland it will be dull with rain at times, while in Western Scotland there will be bright and mainly dry weather this afternoon, but probably some rain by tomorrow morning. It will be rather cold at first, but will become milder in most western districts by tomorrow morning.

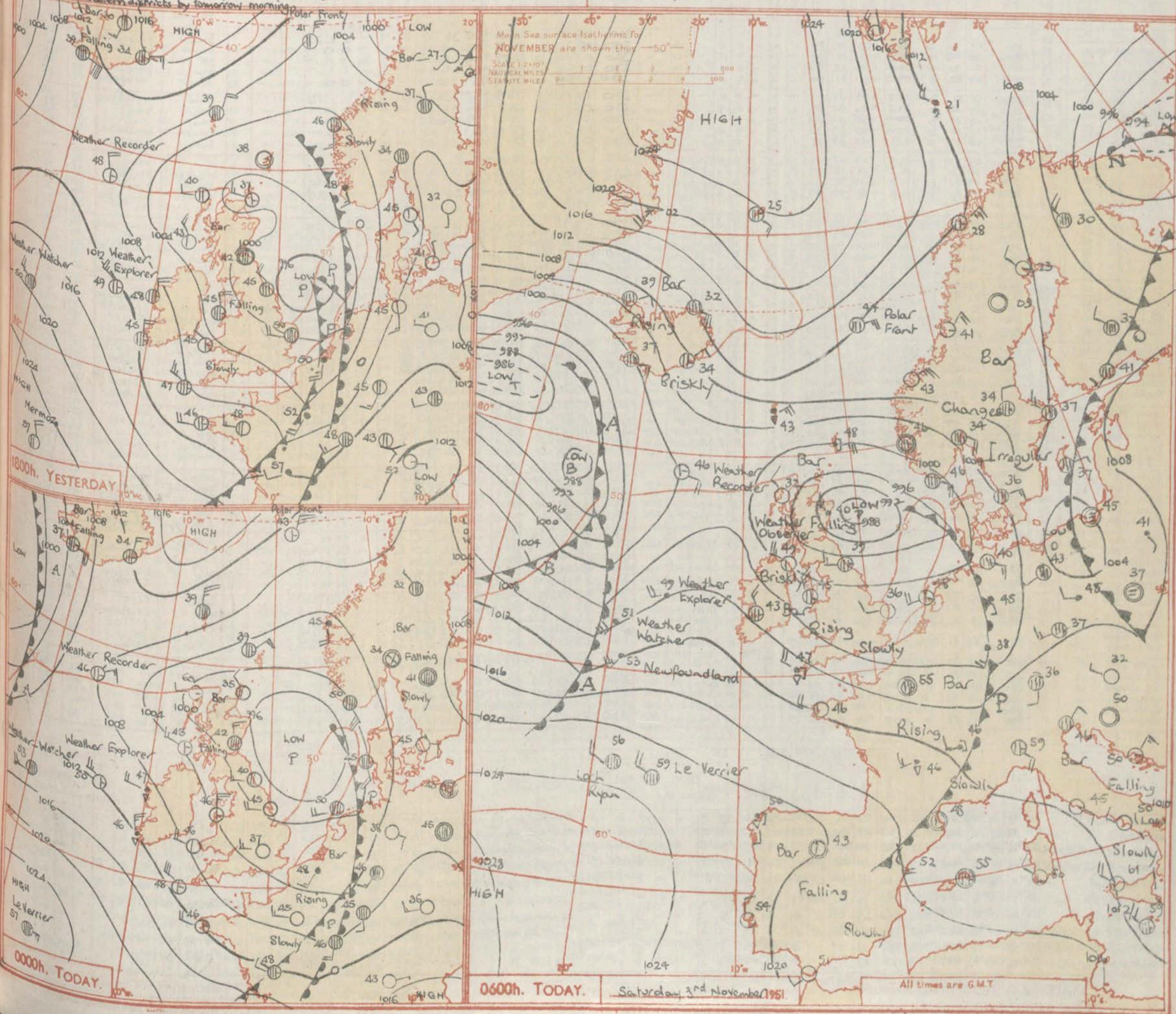
### FURTHER OUTLOOK.

A clearance spreading from the West followed by rather cool showery weather.

Gale warning.

North cones are flying on coasts east of a line Rudh Re to Spurn Head, including Orkneys and Shetlands.

Main Sea surface isotherms for NOVEMBER are shown thus — 50° —  
SCALE 1:2410°  
NAUTICAL MILES  
STATUTE MILES



All times are G.M.T.



## OBSERVATIONS during NIGHT

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Sunday 4th November 1951

OBSERVATIONS at 12h. G.M.T. 3rd November 1951

OBSERVATIONS at 18h. G.M.T. 3rd November 1951

OBSERVATIONS during DAY

21 h.-09 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.	
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## Chart of Weather in the Northern Hemisphere.



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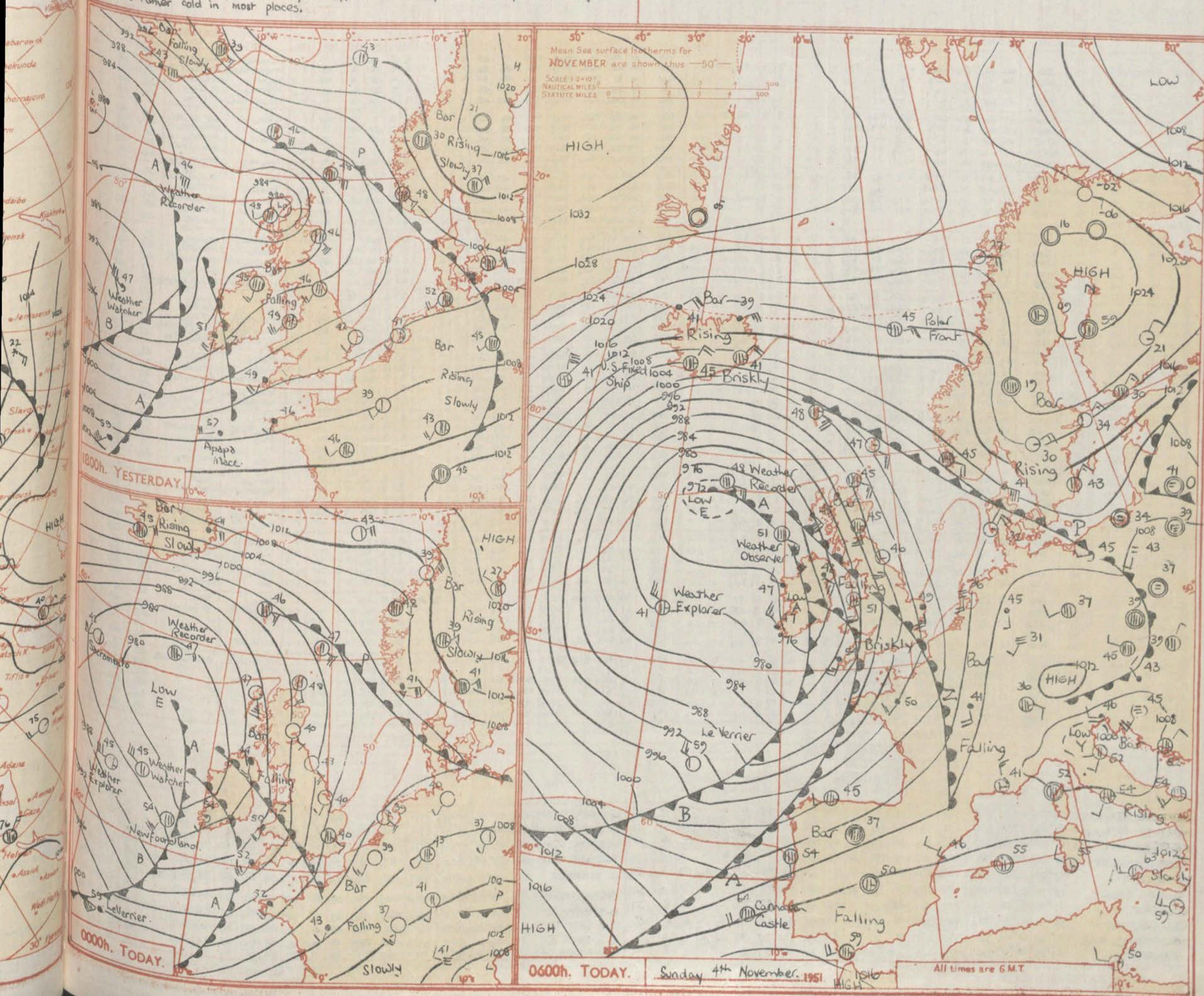


## FURTHER OUTLOOK

Grote Warning:-

Mean Sea surface Isotherms for  
**NOVEMBER** are shown thus —50°—

SCALE 1" = 10'  
NAUTICAL MILES 0 1 2 3 4 500  
STATUTE MILES 0 1 2 3 4 500









# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Monday 5th November 1951

OBSERVATIONS at 12h. G.M.T. 4th November 1951

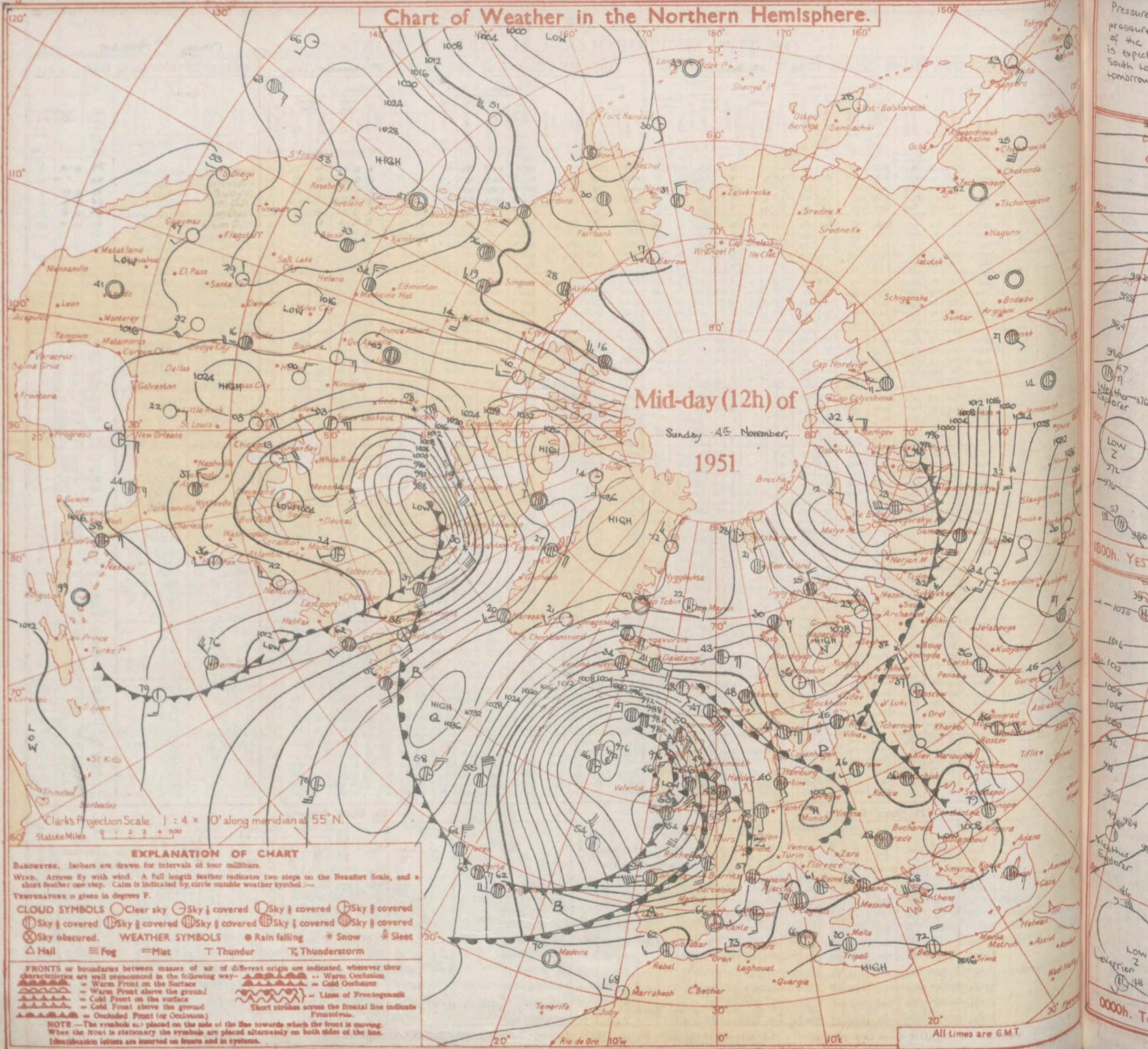
OBSERVATIONS at 18h. G.M.T. 4th November 1951

OBSERVATIONS during DAY

21 h-09 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.		21 h.	
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# Chart of Weather in the Northern Hemisphere.



Pressure  
pressure  
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is expect  
south to  
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Weather  
explorer

1800h. YEST

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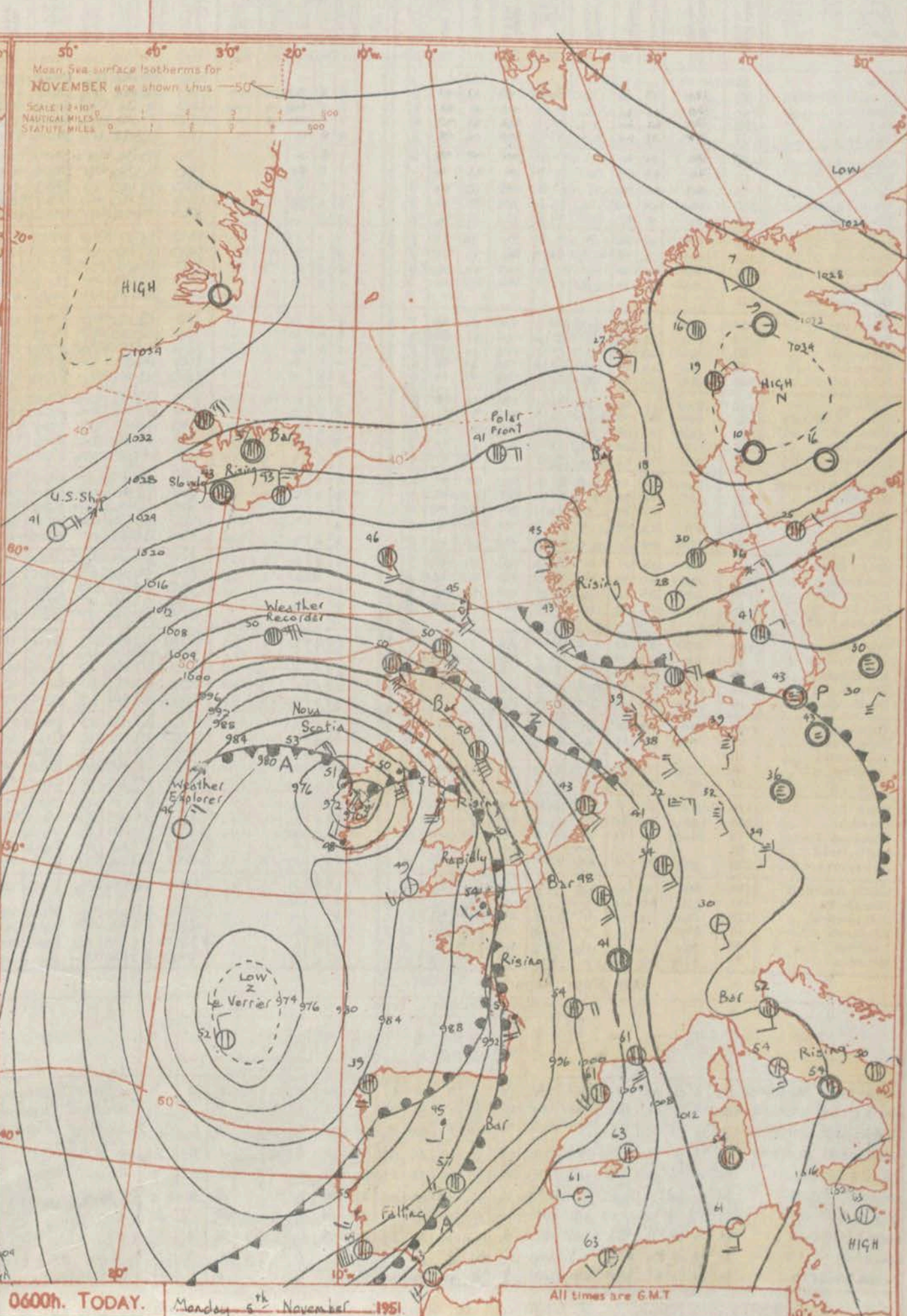
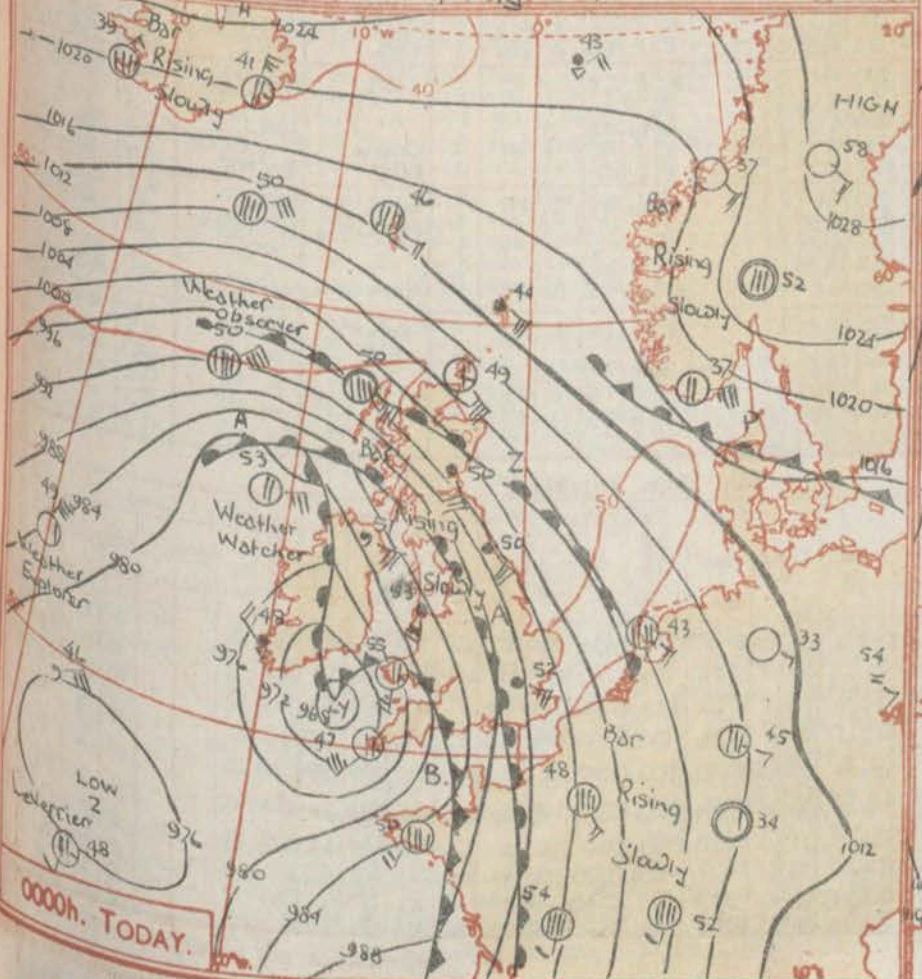
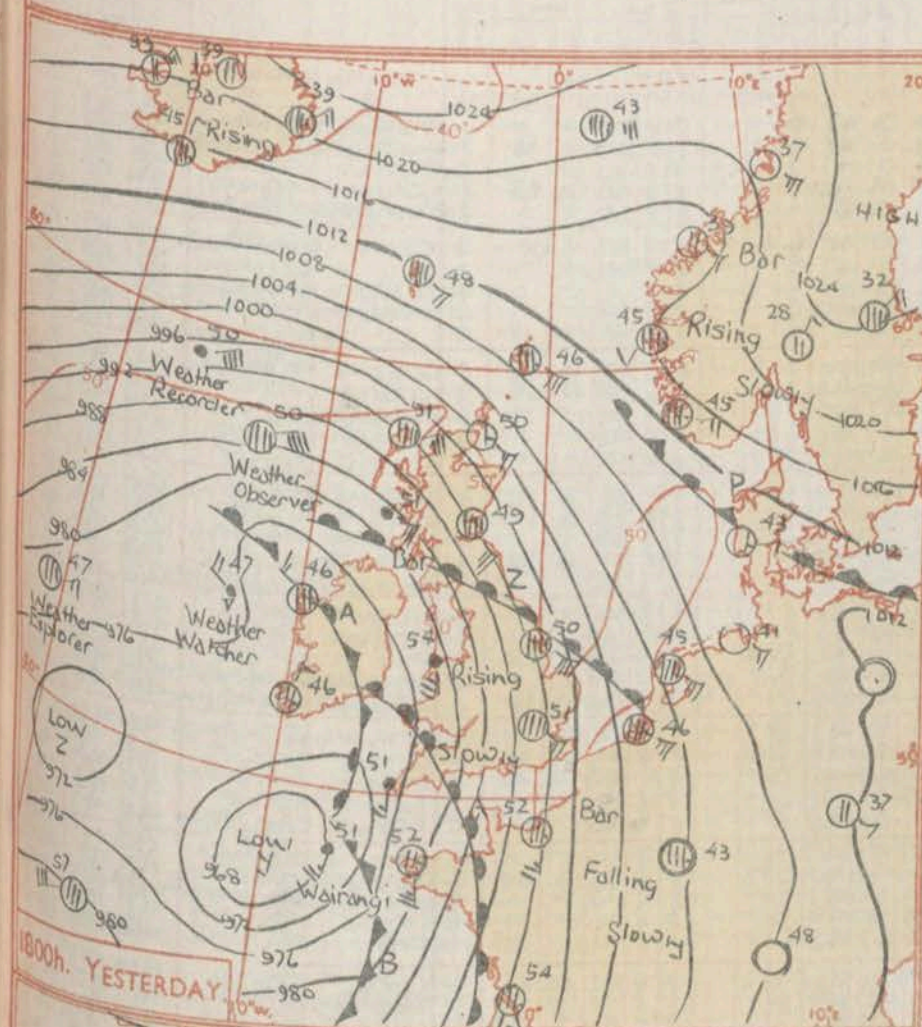
2044



**GENERAL INFERENCE.**  
Pressure is rising between Greenland and North Scandinavia and a ridge of high pressure extends southwards from Greenland. A complex depression to southwest of the British Isles is decreasing in intensity. In most districts weather this afternoon is expected to continue mainly cloudy or dull with rain at times and with fresh or strong south to south easterly winds, but some improvement is expected in most places by tomorrow morning. Temperatures will be about normal for early November.

**FURTHER OUTLOOK.**  
Continuing mainly cloudy, but with bright periods especially in the West. Little or no rain in many places.

Gale Warning.  
South coasts are flying on all coasts of British Isles and in Orkney and Shetland.



0600h. TODAY. Monday 5th November 1951.

All times are G.M.T.



## OBSERVATIONS during NIGHT

SEAFORD

(For heights see page 10)

Kew ...  
London Airport  
Lymington  
Taunton  
Cahoon

Hoscombe Down  
Felicitow  
Corston  
West Raynham  
Mildenhall

Cranfield  
Elmdon  
Cottesmore  
Watnall  
Ross-on-Wye

Shawbury  
Bristol  
Plymouth  
Chivenor  
St. Eval

Colerne  
Scilly, St. Mary  
Guernsey  
Aberporth  
Pembroke Dock

Holyhead (Vale)  
Manchester  
Squires Gate  
Silloth  
Finningley

Spurn Head  
Lambeth  
Tynemouth  
Leuchars  
Lakdalemuir

Prestwick  
West Freugh  
Ronaldsray  
Tree ...  
Benbecula

Stornoway  
Cape Wrath  
Sle Skerry  
Renfrew  
Dyce ...

Wick ...  
Lerwick  
Blackpool Point  
Main Head  
Aldergrove

Castle Archdale  
Bur Castle  
Collinstown  
Rineanna  
Valentia  
Midleton

### 06h. Ships' Reports

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WEATHER REC  
WEATHER WA  
POLAR FROM  
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U.S. SHIP  
U.S. SHIP  
U.S. SHIP  
WEATHER EXP  
WEATHER OBS  
SALACIA  
↑ CLO

\* Information not usually received

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

No. 32856

Date of issue Tuesday 6th November. 1951

OBSERVATIONS at 12h. G.M.T. 5th November 1951

OBSERVATIONS at 18h. G.M.T. 5th November 1951

OBSERVATIONS during DAY

Temperature		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		Weather		Max. Temp. 21h.		Sun-shine		Rain 21h.	
21 h.-09 h.	Min. of 24 h.	Dir.	Spd.	Bar.	Chg.	Air	Sea	Form.	Amount.	Dir.	Spd.	Bar.	Chg.	Air	Sea	Form.	Amount.	Obs.	15h.	21h.	21h.	21h.	21h.	21h.	
(°F)	(°F)	(deg)	(kts)	(mb)	(mb)	(°F)	(°F)	(Low-Med-High)	(0-8-10-12)	(deg)	(kts)	(mb)	(mb)	(°F)	(°F)	(Low-Med-High)	(0-8-10-12)	(34)	(35)	(°F)	(%)	(mm)	(mm)		
30	48	140	12	99.2	+1.0	54	50	7	2	090	06	99.2	+0.1	53	51	7	2	cr	cr	55	0.0	8	8		
30	48	120	12	99.4	+1.4	54	49	6	2	090	10	99.4	+0.0	53	51	7	2	cr	cr	54	0.0	10	10		
30	48	150	14	99.1	+1.0	53	50	7	2	110	11	99.1	+0.4	54	52	7	2	cr	cr	56	0.0	2	2		
30	48	190	06	99.4	+1.1	53	51	5	5	130	12	99.4	+0.0	54	53	6	2	cr	cr	56	0.0	16	16		
30	48	220	01	99.0	+1.4	51	49	7	2	030	05	99.0	+0.7	49	48	7	2	cr	cr	54	0.0	17	17		
48	48	160	07	99.5	+1.5	50	48	7	2	060	08	99.5	+0.1	47	47	6	2	cr	cr	51	0.0	19	19		
48	48	140	17	99.5	+1.7	53	49	7	2	100	10	99.5	+0.2	53	51	7	2	cr	cr	55	0.0	3	3		
48	48	150	21	99.5	+1.7	53	49	7	2	140	13	99.5	+0.1	53	51	7	2	cr	cr	55	0.0	1	1		
48	48	130	17	98.0	+0.6	52	47	5	7	110	12	98.0	+0.6	51	49	7	2	cr	cr	52	0.0	4	4		
48	48	140	14	97.4	+1.1	53	49	5	7	130	08	97.4	+0.5	52	52	6	2	cr	cr	54	0.0	3	3		
48	48	150	15	99.6	+1.2	51	49	6	2	040	07	99.6	+0.4	47	45	2	2	cr	cr	52	0.0	17	17		
48	48	180	05	99.7	+2.0	49	47	7	2	080	05	99.7	+0.8	46	46	5	2	cr	cr	50	0.0	30	30		
48	48	130	12	99.0	+1.0	49	48	7	2	030	01	99.0	+0.8	47	46	6	2	cr	cr	50	0.0	21	21		
48	48	150	06	99.0	+1.2	48	48	7	2	090	04	99.0	+1.5	45	45	7	2	cr	cr	49	0.0	22	22		
48	48	110	06	94.6	+1.5	47	44	6	2	090	04	94.6	+0.7	47	46	7	2	cr	cr	49	0.0	3	3		
48	48	130	08	94.3	+1.3	49	46	7	2	100	09	94.3	+1.7	47	44	5	7	cr	cr	50	0.0	1	1		
48	48	070	08	93.7	+1.0	48	44	8	2	070	10	93.7	+0.1	48	45	5	2	cr	cr	49	0.0	5	5		
48	48	110	07	92.2	+1.5	51	49	8	7	090	05	92.2	+1.0	50	47	8	7	cr	cr	52	0.0	4	4		
48	48	120	12	92.9	+1.8	51	45	9	7	090	08	92.9	+1.0	50	47	8	7	cr	cr	54	1.4	1	1		
48	48	160	07	91.8	+1.3	53	44	2	6	100	07	91.8	+1.0	49	47	5	3	cr	cr	54	2.0	12	12		
48	48	170	07	90.9	+1.6	54	44	2	7	130	10	90.9	+1.0	50	46	8	7	cr	cr	54	0.0	12	12		
48	48	170	06	90.0	+1.8	57	46	8	2	100	13	90.0	+0.8	51	47	8	7	cr	cr	56	7.9	12	12		
48	48	150	09	94.1	+2.0	50	47	6	7	060	14	94.1	+1.0	49	43	6	2	cr	cr	54	0.0	21	21		
48	48	160	10	92.3	+1.9	50	44	3	1	130	02	92.3	+1.1	46	43	6	2	cr	cr	52	1.6	02	02		
48	48	150	07	92.2	+2.2	54	47	2	2	120	03	92.2	+0.7	49	46	6	7	cr	cr	55	3.0	12	12		
48	48	180	16	92.9	+2.4	52	45	2	7	070	10	92.9	+0.7	46	44	2	2	cr	cr	55	1.4	1	1		
48	48	140	08	94.6	+1.7	50	46	2	2	110	09	94.6	+1.0	47	45	6	2	cr	cr	52	0.0	7	7		
48	48	120	10	94.2	+1.4	50	48	2	2	100	08	94.2	+1.1	46	45	5	7	cr	cr	50	0.0	3	3		
48	48	100	11	95.4	+1.8	50	47	5	2	100	04	95.4	+1.4	48	46	5	7	cr	cr	51	0.0	3	3		
48	48	130	16	96.0	+0.8	49	47	7	2	100	03	96.0	+1.0	48	47	7	2	cr	cr	50	0.0	22	22		
48	48	120	25	97.7	+1.3	51	49	7	2	120	27	97.7	+1.0	51	51	7	2	cr	cr	51	0.0	4	4		
48	48	130	14	96.9	+0.7	49	48	7	2	140	01	96.9	+0.9	48	48	7	2	cr	cr	49	0.0	35	35		
48	48	140	24	98.0	+0.6	50	48	7	2	140	14	98.0	+0.3	50	50	7	2	cr	cr	50	0.0	26	26		
48	48	140	35	99.7	+0.4	49	47	7	2	130	25	99.7	+0.3	50	48	7	2	cr	cr	50	0.0	19	19		
48	48	120	18	99.9	+2.5	48	45	7	2	100	05	99.9	+1.0	45	43	7	2	cr	cr	48	0.0	7	7		
48	48	090	16	98.1	+2.2	51	47	5	2	090	03	98.1	+1.9	47	46	5	2	cr	cr	51	0.3	03	03		
48	48	150	18	93.3	+2.9	51	47	3	2	120	03	93.3	+1.4	43	42	5	3	cr	cr	51	0.0	8	8		
48	48	140	15	93.5	+2.4	52	47	8	7	130	11	93.5	+1.5	49	46	2	6	cr	cr	52	1.1	02	02		
48	48	120	32	93.6	+1.6	51	46	5	2	090	10	93.6	+0.9	47	46	5	2	cr	cr	52	0.0	11	11		
48	48	080	23	96.4	+1.8	51	45	5	2	090	11	96.4	+0.1	49	46	5	2	cr	cr	52	0.0	5	5		
48	48	100	36	91.2	+0.0	50	42	5	2	110	27	91.2	+0.9	49	43	6	2	cr	cr	50	0.0	1	1		
48	48	140	44	97.9	+3.6	46	46	7	2	140	37	97.9	+1.7	46	46	7	2	cr	cr	49	0.0	5	5		
48	48	140	30	96.8	+0.3	50	47	7	2	140	30	96.8	+0.5	48	44	7	2	cr	cr	49	0.0	5	5		
48	48	180	18	95.9	+1.8	49	47	6	7	060	08	95.9	+0.9	48	48	5	2	cr	cr	54	0.0	5	5		
48	48	110	23	94.8	+0.2	48	43	7	2	110	20	94.8	+0.9	48	45	7	2	cr	cr	49	0.0	26	26		
48	48	130	22	97.2	+0.1	49	42	5	2	100	30	97.2	+0.2	48	43	5	2	cr	cr	50	0.0	6	6		
48	48	130	23	95.5	+0.3	45	42	6	2	130	29	95.5	+0.7	45	39	5	2	cr	cr	46	0.0	0.1	0.1		
48	48	180	40	91.8	+0.6	48	46	7	2	150	13	91.8	+3.9	49	46	3	2	cr	cr	51	0.0	5	5		
48	48	090	18	91.5	+1.2	51	42	8	3	170	05	91.5	+1.7	45	40	3	2	cr	cr	53	0.0	3	3		
48	48	130	10	92.3	+1.6	47	45	3	2	120	08	92.3	+1.3	43	41	5	2	cr	cr	49	0.0	3	3		
48	48	130	15	89.1	+6.2	50	41	5	3	110	07	89.1	+2.7	45	42	2	3	cr	cr	54	4.3	12	12		
48	48	180	09	88.6	+4.8	53	48	4	2	130	09	88.6	+2.1	45	43	2	2	cr	cr	54	5.4	12	12		
48	48	160	06	91.6	+5.2	51	41	8	7	120	03	91.6	+1.9	47	43	2	2	cr	cr	53	3.7	0.1	0.1		
48	48	170	18	88.6	+5.2	51	41	8	7	110	03	88.6	+2.3	46	42	2	2	cr	cr	54	5.7	4	4		
48	48	220	13	87.5	+3.3	52	40	2	3	120	08	87.5	+2.3	49	40	2	2	cr	cr	55	5.2	12	12		
48	48	210	07	89.6	+3.8	52	43	2	2	100	08	89.6	+1.8	39	39	1	2	cr	cr	55	6.6	1	1		

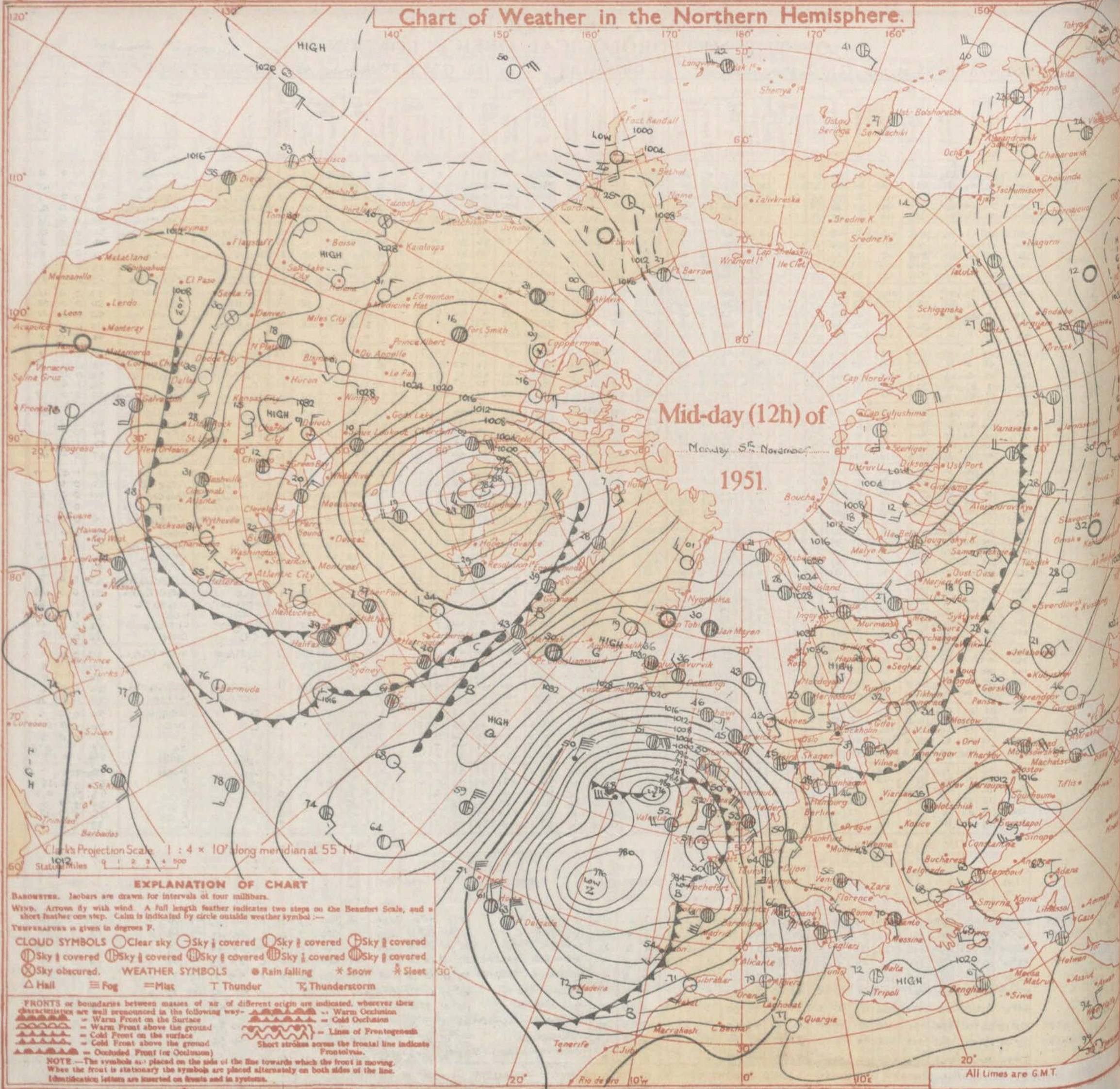
12h. Ships' Reports

18h. Ships' Reports

Cloud		Amount		Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 8-1 mb.	Wind				Weather		Temp.				Visibility	Cloud					Height of waves ft.																
High	Low	Total	Dir.						Speed	Pres.	Past	Air	Sea	Dew Point	Form	Amount	Dir.	Speed		Pres.	Past	Air	Sea	Dew Point		Form	Amount														
+	+	+															+	+		+							+	+	+		+	+	+								
8	6	14	SALACIA	WEATHER RECORDER	58°36'	14°18'	999	-10	070	32	0	r	50	50	48	97	7	2	-	7	8	17 1/2	U.S. SHIP 'D'	44°01'	41°0'	1029	-10	360	23	b	bc	62	59	47	80	-	-	-	0	8	13
0	0	11		WEATHER WATCHER	55°24'	09°0'	984	+51	130	41	0	r	50	54	46	98	8	-	-	5	8	17 1/2	U.S. SHIP 'C'	52°48'	36°06'	1028	-03	020	19	0	c	45	47	39	64	5	-	-	8	8	13
7	8	11		POLAR FRONT	65°54'	01°30'E	1025	+05	120	12	bc	c	43	46	32	99	4	6	1	4	5	21	NAPIER STAR	41°36'	36°30'	1020	-16	320	37	c	c	61	65	54	99	1	-	-	6	6	17 1/2
4	4	5		LE VERRIER	45°00'	16°00'	977	+13	140	04	jp	pr	57	59	43	97	9	-	2	4	5	8	WEATHER EXPLORER	52°18'	20°06'	983	+34	020	42	0	c	52	53	48	98	7	2	-	6	8	16
7	7	9		U.S. SHIP 'A'	45°00'	16°00'	977	+13	140	04	jp	pr	57	59	43	97	9	-	2	4	5	8	WEATHER OBSERVER	59°01'	15°36'	1003	+00	060	32	0/r	r	49	51	47	97	2	2	-	8	8	17 1/2
2	2	9		U.S. SHIP 'C'	62°00'	33°00'	1031	-05	040	06	0	c	41	50	28	80	5	-	-	8	8	14	WEATHER OBSERVER	59°01'	15°36'	1003	+00	060	32	0/r	r	49	51	47	97	2	2	-	8	8	17 1/2
8	8	10		U.S. SHIP 'D'	53°18'	26°30'	1030	+02	360	23	0	c	44	47	36	64	5	-	-	8	8	14	POLAR FRONT	65°54'	01°30'E	1025	+07	100	12	c	pr	41	43	39	99	4	-	-	7	7	19
0	0	10		WEATHER EXPLORER	44°06'	41°12'	1031	+02	360	12	c	c	59	62	49	80	5	-	2	1	6	9 1/2	U.S. SHIP 'A'	62°00'	33°00'	1030	-12	-	0	0	c	41	50	27	80	-	2	-	8	8	8
0	0	10	WEATHER WATCHER	52°18'	26°12'	984	-31	230	22	rr	r	48	53	44	97	7	2	-	7	8	9 1/2	WEATHER RECORDER	58°12'	3°30'	997	-07	070	27	0	c	50	50	49	97	5	2	-	5	8	14	
0	0	10	WEATHER OBSERVER	58°48'	15°42'	1003	+13	050	34	0	c	51	51	45	97	5	1	-	5	8	17 1/2	LEVERRIER	45°01'	16°00'	978	+08	070	06	c	c	54	58	44	97	2	-	5	6	7	8	
0	0	10	WEATHER WATCHER	55°30'	07°36'	995	+36	110	18	b	c	52	55	47	98	5	-	-	2	-	*	WEATHER WATCHER	55°30'	07°36'	995	+36	110	18	b	c	52	55	47	98	5	-	-	2	-	6 1/2	



## Chart of Weather in the Northern Hemisphere.



There is no pressure first be southern Great B + tomorrow England will be

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## FURTHER OUTLOOK

Mean Sea surface isotherms for  
**NOVEMBER** are shown thus —50°—



Tuesday 6<sup>th</sup> November 1951

All times are GMT.



## No. 32857

OBSERVATIONS during NIGHT

### 06h. Ships' Reports

WEATHER EX  
WEATHER OR  
WEATHER RO  
MANCHESTER  
U.S. SHIP "A  
NOVA SCOTIA  
U.S. SHIP "  
U.S. SHIP "  
POLAR FRO  
LE VES

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

Date of issue Wednesday 7th November, 1951

OBSERVATIONS at 12h. G.M.T. 6th November, 1951

OBSERVATIONS at 18h. G.M.T. 6th November, 1951

OBSERVATIONS during DAY

Stations. (For heights see p. 4)	Wind.		Pressure. Bar at M.S.L.	Temp. Dry Bulb	Cloud.							Wind.		Pressure. Bar at M.S.L.	Temp. Dry Bulb	Cloud.							21 h. State of ground	Weather.		Max. Temp. 09h-21h.	Sun-shine.	Rain 09h-21h.									
	Direction (degrees).	Speed (kts.).			Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Form.	Main layer.	Lowest layer.	Direction (degrees).			Speed (kts.).	Form.	Main layer.	Lowest layer.	09h. to 15h. (24)	15h. to 21h. (25)																
																						Low.		Medium.	High.				Total amount.	Amt. Ht.	Amt. Ht.	Low.	Medium.	High.	Total amount.	Amt. Ht.	Amt. Ht.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Kew ... London Airport Lymington Tangmere Calshot	210 190 190 200 200	11 18 11 5 12	81 81 82 81 81	c c bc bc c	36.7 37.2 37.0 37.8 36.0	+0.3 +1.2 +0.9 +0.8 +0.7	56 57 57 59 58	49 49 52 52 50	2 - - 2 2	- - 2 - 5	- 6 3 1 6	6 6 3 5 4	30 25 09 25 15	- 2 - - -	- 17 - - -	190 150 160 110 220	09 05 07 05 02	16 11 64 32 48	c c c/pr bc bc	99.0 98.5 99.7 98.7 97.5	+1.5 +1.5 +0.7 +1.1 +1.0	53 51 54 50 55	50 49 53 49 52	4 3 3 6 7	3 2 2 2 4	6 1 1 2 4	7 6 1 5 4	4 25 20 2 83	- - - - 0	1 - - - 1	25 - - - -	1 1 1 1 1	c bcobcc cbcc bc bcc	cmobcwbmo cbcmobeff cbprbwm cbw cbcbcmobw	58 59 58 59 58	4.5 - 3.7 5.8 4.6	- TR 0 - -
Boscombe Down Felixstowe Corlestone West Raynham Mildenhall	170 170 180 180 150	16 14 14 17 13	81 64 46 81 80	c bc c/r bc bc	35.3 36.1 38.7 37.0 36.8	+0.3 +1.8 +1.3 +0.3 +0.8	55 54 54 56 58	49 52 53 52 54	3 - 7 7 1	- 1 2 2 7	- - - - 1	6 5 5 4 3	20 81 2 20 30	- - - 1 -	- - 0.8 - -	170 150 180 160 170	08 02 15 16 07	80 56 36 40 64	c c bc bc c	98.2 99.6 10.0 98.4 98.7	+2.1 +0.7 +1.0 +1.6 +1.8	51 52 53 51 52	50 52 49 51 50	2 7 5 - - 3	2 1 4 - 2	6 7 3 4 6	25 40 - - 80	2 - 1 - -	15 - 30 - -	1 2 1 2 1	bcc cbcc pr, rrmobon cir, rrmobon cbcc	cbcc cbcc cbcmobw cbcmobw cbcc	55 57 56 57 59	2.1 2.6 0.0 3.5 3.6	TR 0.1 0.6 0.3 -		
Cranfield Elmdon Cottesmore Watnall Ross-on-Wye	180 180 160 180 190	17 15 14 14 12	81 81 81 81 81	bc bc c c bc	35.4 35.3 35.3 35.8 32.6	+0.5 +0.3 +1.4 +0.7 +0.7	57 56 53 55 55	47 48 47 46 49	8 8 - 1 3	- 3 - - 3	2 2 - - 1	3 1 7 5 4	25 16 18 20 25	- - - - -	- - - - -	170 180 180 180 180	10 13 15 14 06	80 56 80 80 64	c bc bc b ir	97.7 95.7 97.0 95.2 96.1	+1.6 +2.4 +1.7 +1.2 +2.9	51 53 47 52 52	46 53 41 46 50	- - 3 - 8	- - 7 - 3	2 3 3 2 1	7 3 2 1 7	- 25 83 25 25	- - - - -	1 1 1 1 1	cbcc cbcc cbcc cmoprobcc bcpr, bcc	cbcc cbcmobcm cbcc cbcmobcc cbcc	58 57 57 58 58	4.1 4.4 2.8 3.2 3.9	- - - 0.1 2		
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Landreth St. Mary's Guernsey Alderport Pembroke Dock	230 230 180 180 240	18 05 14 20 18	80 81 81 81 64	c bc bc c/r o/pr	33.4 31.5 35.7 36.4 38.7	+3.4 +1.8 +0.5 +0.1 +2.0	55 58 55 51 52	53 51 52 49 49	8 5 7 7 5	7 3 6 - -	3 5 7 7 8	15 20 5 35 16	1 - - 3 -	0.8 - - 0.8 -	090 110 140 220 220	10 06 04 10 02	60 91 80 80 80	c c bc c/r c	94.5 92.4 96.1 94.4 95.0	+0.7 +0.4 -0.3 +3.6 +2.6	53 55 53 48 45	53 54 53 47 45	5 5 - 5 5	7 7 2 - 7	6 7 4 7 6	5 18 - 11 35	1 - - - -	30 - - - 0	0 1 2 1 0	bc, bc bc, bc bc cbcc cbcc	bc, bc cbcc cbcc cbcc cbcc	57 58 57 51 53	2.6 4.5 4.5 0.0 0.0	- - - 2 0.5			
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## Chart of Weather in the Northern Hemisphere.



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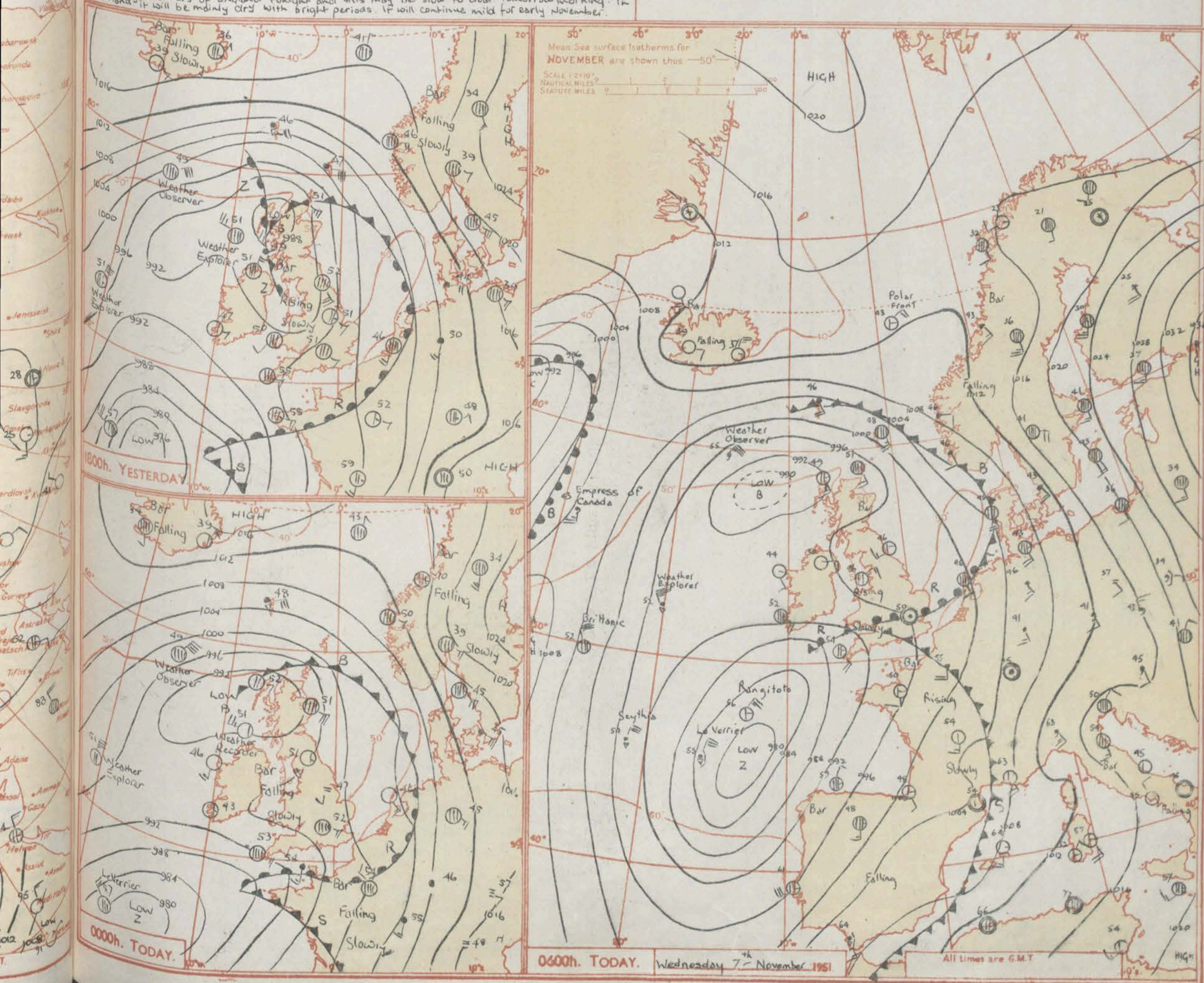
## FURTHER OUTLOOK

Gale warning

Mean Sea surface Isotherms for

NOVEMBER are shown thus —50°—

SCALE: 1:200,000  
NAUTICAL MILES 0 1 2 3 4  
STATUTE MILES 0 1 2 3 4





No. 32858

OBSERVATIONS during NIGHT

524770

(For heights see

Kew ...  
London Airport  
Lymington  
Tangmere  
Calshot

Boscumbe Down  
Felkistowe  
Corlestone  
West Raynham  
Mildenhall

Cranfield  
Elmdon  
Cottesmore  
Watnall  
Rosa-on-Wye

Shawbury  
Bristol  
Plymouth  
Chivenor  
St. Eval

Gidross  
Sally, St. Mary  
Guernsey  
Aberporth  
Pembroke Dock

Holyhead (Vale)  
Manchester  
Squires Gate  
Silloth  
Finningley

Spurn Head  
Dishforth  
Tynemouth  
Leuchars  
Eskdalemuir

Prestrick  
West Freugh  
Ronaldsway  
Tires ...  
Bamburgh

Stornoway  
Cape Wrath  
Sule Skerry  
Benfrew  
Dyce ...

Wick ...  
Lerwick  
Blackhead Point  
Malin Head  
Aldergrove

Castle Archdale  
Birr Castle  
Collinstown  
Rosanna  
Valentia  
Midleton

## 06h. Ships' Reports

Con. Smps. Reports																			
Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility+	Cloud					Height ft.	
					Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew Point		Form			Amount			
													+	Low	Med.	High	Low		Total
WEATHER OBSERVER.	58° 54'	15° 18'	999	-15	040	31	id.	bc	55	55	49	96	5	2	-	-	5	8	11
WEATHER EXPLORER.	52° 12'	20° 18'	999	-10	350	29	pr.	o	52	54	46	98	2	-	-	-	5	5	3
POLAR FRONT	66° 0'	02° 0'E	1022	-10	060	12	bc	b	43	46	39	99	8	-	-	-	3	3	11
LE VERRIER	45° 0'	16° 0'	984	+06	010	26	pc/pr	pr	55	59	52	97	3	-	-	-	5	5	17
EMPRESS OF CANADA	56° 12'	29° 42'	1002	-13	180	20	id.	d	43	50	41	98	4	-	-	-	8	8	26
U.S. SHIP "C"	52° 48'	39° 30'	1005	-04	300	29	cr	r	47	49	41	64	7	-	-	-	8	8	26
SCYTHIA	46° 54'	21° 24'	995	-20	020	25	pr	c	54	58	52	98	7	-	-	-	8	8	11
RANGITOTO	47° 42'	13° 18'	983	-02	020	20	bc	b	56	60	52	98	5	-	-	-	3	3	8
NOVA SCOTIA	51° 54'	30° 48'	1006	-28	140	12	o	c	49	50	42	98	6	-	-	-	8	8	8
BRITANNIC	49° 48'	25° 18'	1004	-18	350	26	c	bc	52	57	50	98	5	-	-	-	6	6	8

† Code figure (see introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Thursday 8th November 1951

No 32858

OBSERVATIONS at 12h. G.M.T. 7th November 1951

OBSERVATIONS at 18h. G.M.T. 7th November 1951

OBSERVATIONS during DAY

Temperature		Wind		Pressure		Temp.		Cloud		Wind		Pressure		Temp.		Cloud		21 h.		Weather.		Max. Temp. 09h.-21h. °F		Sun-shine 09h.-21h. min.		Rain 09h.-21h. mm.			
Min. °F.	Max. °F.	Direction (degrees)	Speed (kts.)	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb °F.	Wet Bulb °F.	Low. -	Med. -	High. -	Direction (degrees)	Speed (kts.)	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb °F.	Wet Bulb °F.	Low. -	Med. -	High. -	State of ground	09h. to 15h. (24)	15h. to 21h. (25)	(26)	(27)	(28)	(29)	(30)		
(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)
45	37	200	05	95.1	-0.9	56	53	6	7	2	160	06	95.2	-0.2	52	47	4	1	1	1	cf r f m c b c	b c z o b m w c m	59	3.9	0.5				
47	39	170	07	95.1	-0.6	57	53	2	7	2	150	08	95.3	+0.0	50	48	1	1	1	1	cf r f f b c	b c z o b m w c m	60	3.9	0.5				
49	41	210	08	97.0	-0.4	56	55	2	7	2	170	08	97.0	+0.2	53	51	1	1	1	1	cf r f f b c	b c z o b m w c m	60	3.3	0.1				
51	45	210	12	96.4	+0.2	60	52	2	7	2	070	04	95.0	-0.8	49	49	1	1	1	1	cf r f f b c	b c z o b m w c m	60	7.0	0.1				
51	45	220	09	95.4	+0.6	58	53	1	7	3	130	09	94.1	-0.5	54	52	1	1	1	1	cf r f f b c	b c z o b m w c m	60	4.8	0.5				
49	43	190	09	96.3	+0.3	57	53	2	7	2	100	08	95.1	+0.0	49	48	1	1	1	1	cf r f f b c	b c z o b m w c m	59	1.7	0.3				
51	38	190	09	96.8	-0.4	53	52	2	7	2	120	01	96.9	+0.2	50	49	1	1	1	1	cf r f f b c	b c z o b m w c m	54	0.0	0.2				
48	37	110	07	96.0	-1.8	53	53	7	7	2	1	0	96.0	+0.3	51	51	6	1	1	1	cf r f f b c	b c z o b m w c m	54	0.0	0.5				
46	38	090	05	96.3	-1.1	52	52	6	7	2	1	0	96.3	-0.2	48	48	1	1	1	1	cf r f f b c	b c z o b m w c m	53	0.0	0.1				
48	37	110	05	96.0	-0.8	53	53	6	7	2	150	06	95.6	-0.2	50	50	1	1	1	1	cf r f f b c	b c z o b m w c m	56	0.0	0.1				
46	37	110	02	95.3	-0.1	52	51	6	7	2	120	02	95.0	-0.2	48	47	1	1	1	1	cf r f f b c	b c z o b m w c m	56	0.9	0.4				
44	34	100	08	95.1	-0.9	51	50	1	7	2	120	06	94.6	-0.2	50	50	5	3	2	2	cf r f f b c	b c z o b m w c m	55	0.0	0.3				
42	34	100	09	96.6	-0.9	49	49	1	7	2	130	08	95.5	-0.4	50	50	1	1	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.3				
41	35	050	07	97.4	-0.3	47	47	1	7	2	040	03	95.4	-0.2	49	49	1	1	1	1	cf r f f b c	b c z o b m w c m	50	0.0	0.4				
46	35	100	02	97.4	-0.7	55	53	8	7	2	140	02	93.8	-0.0	49	47	5	1	1	1	cf r f f b c	b c z o b m w c m	58	1.5	0.1				
37	38	100	07	95.1	-0.9	47	47	6	7	2	090	08	93.9	-0.3	51	49	1	1	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.3				
44	40	160	08	93.7	-0.1	58	51	2	7	3	090	06	92.7	-0.5	51	49	1	1	1	1	cf r f f b c	b c z o b m w c m	59	2.0	0.2				
49	46	180	10	92.5	-0.4	59	53	5	6	2	110	06	93.8	-1.4	54	52	1	3	2	2	cf r f f b c	b c z o b m w c m	59	5.7	0.2				
49	46	120	15	92.5	-0.6	59	52	3	6	2	080	08	91.0	-0.6	53	50	1	1	1	1	cf r f f b c	b c z o b m w c m	60	4.4	0.2				
50	47	170	16	90.9	-1.0	57	51	7	7	3	100	13	89.2	-0.6	54	52	6	7	2	2	cf r f f b c	b c z o b m w c m	58	3.5	0.1				
50	47	180	22	90.1	-0.5	57	54	3	7	2	110	14	88.4	-0.6	54	51	4	4	2	2	cf r f f b c	b c z o b m w c m	58	4.6	0.3				
53	48	210	12	96.4	+0.2	60	52	2	7	2	140	16	91.4	-1.8	55	52	1	1	1	1	cf r f f b c	b c z o b m w c m	59	7.3	0.3				
52	28	190	15	94.6	-0.4	58	52	3	7	2	160	16	91.4	-1.8	55	52	1	1	1	1	cf r f f b c	b c z o b m w c m	59	7.3	0.3				
41	28	110	08	92.3	-0.5	54	51	6	7	2	140	03	91.2	+0.2	51	48	4	1	1	1	cf r f f b c	b c z o b m w c m	56	1.9	0.1				
43	28	140	05	92.0	-0.6	55	52	6	7	2	120	04	90.7	-0.1	54	50	1	1	1	1	cf r f f b c	b c z o b m w c m	56	1.4	0.0				
48	34	070	11	93.0	-1.4	52	50	5	7	2	080	10	91.9	-0.1	48	45	1	1	1	1	cf r f f b c	b c z o b m w c m	51	1.0	0.1				
42	28	080	07	95.4	-0.4	49	46	5	7	2	120	10	94.3	-0.3	47	46	1	1	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.1				
39	25	070	08	94.9	-1.1	49	47	5	7	2	090	10	94.0	-0.1	49	47	6	1	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.2				
39	29	070	10	96.4	-0.9	49	45	5	7	2	070	12	94.8	-0.4	49	44	5	7	1	1	cf r f f b c	b c z o b m w c m	51	1.7	0.2				
40	37	070	0	96.5	-0.9	46	45	6	7	2	090	07	95.1	-0.4	51	50	6	1	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.3				
45	37	100	08	97.9	-1.0	51	51	1	7	2	060	07	96.7	-0.5	51	51	6	1	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.1				
39	40	360	02	97.6	-0.7	44	43	6	7	2	070	02	95.7	-0.7	48	48	6	1	1	1	cf r f f b c	b c z o b m w c m	49	0.0	0.2				
46	36	140	04	97.8	-0.1	49	46	5	7	2	090	05	96.9	+0.0	47	46	6	1	1	1	cf r f f b c	b c z o b m w c m	51	2.1	0.1				
42	37	240	01	97.4	+0.5	48	45	6	7	2	070	01	94.8	-0.1	43	43	1	1	1	1	cf r f f b c	b c z o b m w c m	51	1.0	0.1				
39	36	040	06	96.6	-0.6	47	45	6	7	2	060	06	96.3	-0.2	44	42	1	1	1	1	cf r f f b c	b c z o b m w c m	52	3.1	0.1				
38	32	070	11	96.6	-1.2	49	45	5	7	2	070	08	95.0	-0.5	48	44	5	2	1	1	cf r f f b c	b c z o b m w c m	51	0.7	0.2				
31	24	110	07	95.4	-0.8	47	46	7	7	2	110	10	93.5	-0.8	49	45	1	1	1	1	cf r f f b c	b c z o b m w c m	49	0.0	0.1				
37	28	090	20	95.0	-0.9	51	47	6	7	2	120	16	93.0	-0.5	51	49	6	7	1	1	cf r f f b c	b c z o b m w c m	52	0.2	0.1				
43	33	150	10	95.9	+0.5	52	46	2	7	2	130	10	94.6	-0.7	47	41	3	4	2	2	cf r f f b c	b c z o b m w c m	53	4.5	0.1				
43	39	170	07	95.9	+0.9	51	45	8	7	2	080	08	95.7	-0.1	45	43	4	4	1	1	cf r f f b c	b c z o b m w c m	53	6.1	0.1				
46	44	190	09	96.9	+1.8	53	45	1	7	2	090	05	96.7	-0.1	48	46	5	3	1	1	cf r f f b c	b c z o b m w c m	54	6.1	0.1				
49	44	0	08	97.6	+2.0	50	46	5	7	2	090	09	96.9	-0.6	50	48	5	1	1	1	cf r f f b c	b c z o b m w c m	52	0.0	0.1				
50	47	140	09	97.5	+2.2	52	50	5	7	2	110	13	97.7	+0.0	51	49	5	1	1	1	cf r f f b c	b c z o b m w c m	52	0.0	0.1				
35	37	070	02	96.7	-0.9	44	44	5	7	2	070	02	95.9	-0.2	46	49	5	7	1	1	cf r f f b c	b c z o b m w c m	47	0.0	0.2				
44	37	0	02	97.9	+0.7	51	46	1	7	2	070	0	98.0	+0.5	46	44	6	1	1	1	cf r f f b c	b c z o b m w c m	51	0.1	0.1				
49	47	130	10	98.5	+1.3	51	50	6	7	2	110	08	98.1	+0.1	50	49	6	2	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.1				
47	46	110	11	97.7	+0.4	48	47	6	7	2	090	16	97.4	+0.0	46	46	6	2	1	1	cf r f f b c	b c z o b m w c m	47	0.0	0.1				
41	36	120	13	94.1	-0.5	48	44	8	7	2	100	09	94.0	-1.1	50	48	8	1	1	1	cf r f f b c	b c z o b m w c m	51	5.2	0.1				
38	26	090	02	95.1	-0.1	48	38	1	7	2	090	13	92.3	-0.8	50	43	6	1	1	1	cf r f f b c	b c z o b m w c m	52	0.0	0.1				
29	20	060	03	95.8	-0.4	48	41	5	7	2	070	08	93.1	-0.8	48	46	6	1	1	1	cf r f f b c	b c z o b m w c m	51	0.0	0.2				
31	21	100	04	98.2	-0.7	44	39	3	7	2	070	07	98.2	-1.1	48	46	5	3	1	1	cf r f f b c	b c z o b m w c m	48	3.2	0.2				
28	27	140	09	91.7	-1.1	40	43	3	7	2	090	09	89.2	-1.3	50	48	5	3	1	1	cf r f f b c	b c z o b m w c m	52	0.4	0.2				
35	27	120	08	93.4	-0.9	52	48	5	7	2	110	10	91.0	-0.9	51	49	5	3	1	1	cf r f f b c	b c z o b m w c m	54	0.1	0.1				
29	26	060	08	91.7	-1.6	49	47	5	7	2	090	09	88.2	-1.1	50	49	5	3	1	1	cf r f f b c	b c z o b m w c m	53	0.5	0.2				
40	34	090	07	88.6	-1.7	54	47	5	7	2	080	13	84.8	-0.8	53	48	5	3	1	1	cf r f f b c	b c z o b m w c m	56	1.6	0.1				
33	28	060	15	88.9	-2.3	53	51	6	7	2	150	10	86.4	-0.2	54	53	6	2	1	1	cf r f f b c	b c z o b m w c m	54	1.1	0.1				

## 12h. Ships' Reports

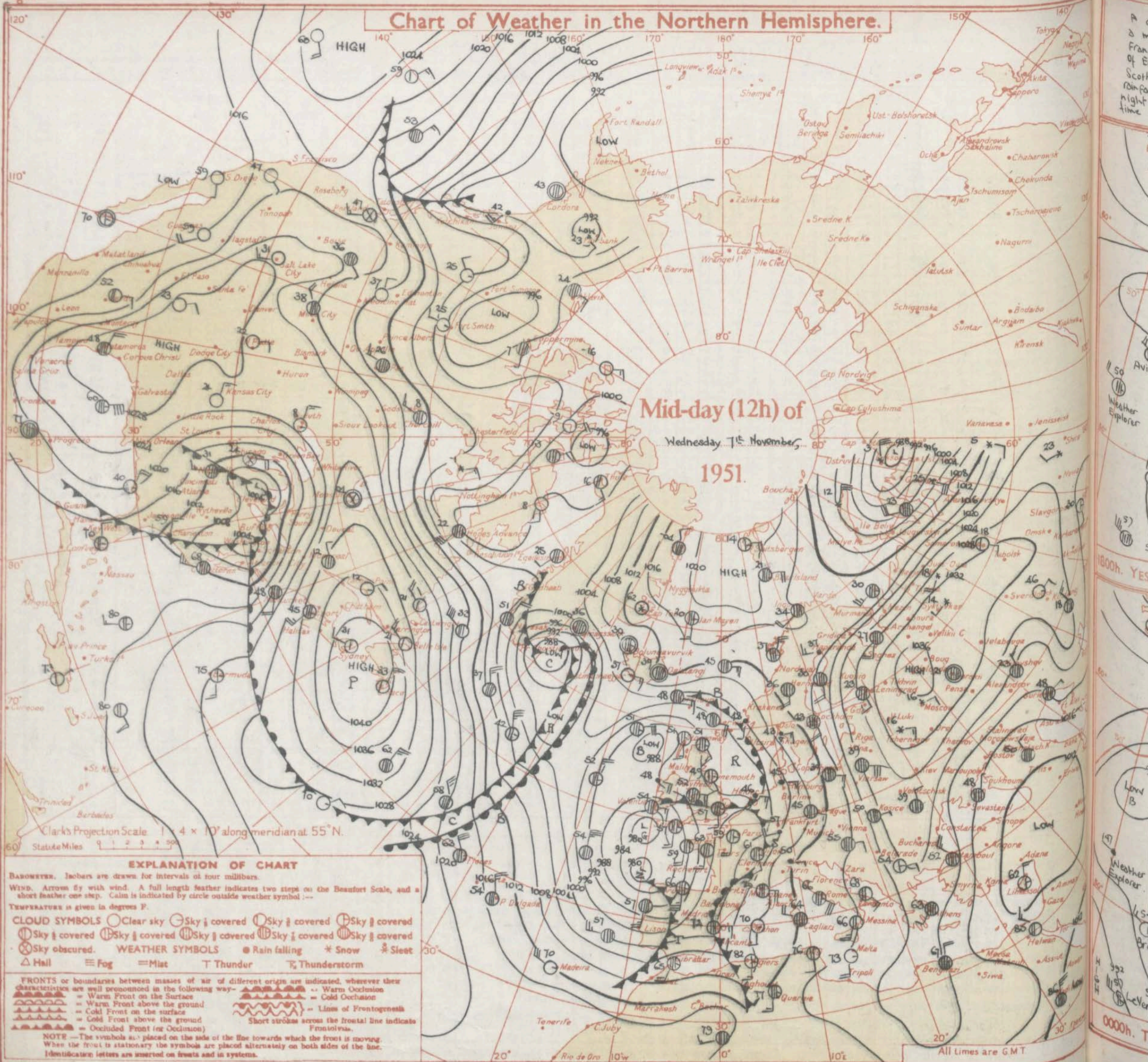
## 18h. Ships' Reports

Ship															Ship																									
Amount			Lat. N	Long. W	Bar. mb.	Change in 3 hours	Wind		Weather	Temp.			Visibility	Cloud					Height of waves																					
High	Low	Total					Dir.	Speed		Pres.	Past	Air °F		Sea °F	Dew Point	Form				Amount																				
																Low	Med.	High		Low	Total																			
5	8	17	WEATHER EXPLORER	52°24'	21°12'	994	-10	360	20	c/pr	pr	52	53	48	98	8	-	-	3	7	8	WEATHER OBSERVER	58°54'	15°30'	986	-09	080	28	c	c	51	51	47	97	4	7	-	5	7	14
5	5	3	WEATHER OBSERVER.	58°42'	51°12'	990	-15	050	24	c	d	51	51	50	97	8	-	-	7	7	9 1/2	WEATHER EXPLORER	52°36'	20°18'	990	-16	330	14	c	pr	50	54	44	99	8	-	-	2	7	5
3	3	11	POLAR FRONT	65°54'	41°12'	1012	+02	070	17	b	c	45	46	39	99	5	-	-	8	8	3	LE VERRIER	45°0'	16°0'	991	+21	320	30	c	c	57	59	46	97	8	-	2	4	6	9 1/2
5	5	17 1/2	U.S. SHIP 'C'	45°0'	01°12'	988	+29	340	30	pr	pr	54	57	54	96	3	-	-	8	8	11	POLAR FRONT	65°54'	01°42'E	1012	+07	070	16	c	pr	43	47	37	99	5	-	-	7	7	3
8	8	26	U.S. SHIP 'D'	52°48'	51°12'	1004	-06	320	29	jp	pr	42	48	37	74	2	-	-	5	5	8	U.S. SHIP 'A'	62°0'	33°0'	990	+09	160	34	g/b	r	42	50	41	37	7	2	-	5	8	17
8	8	4	CASLON	44°0'	41°0'	1026	+29	310	27	c	c	54	60	42	74	5	-	-	7	7	1 1/2	U.S. SHIP 'C'	52°48'	35°06'	1005	+03	310	30	jp	pr	43	49	25	64	3	-	3	5	6	9 1/2
8	8	11	MANCHESTER MERCHANT	56°12'	15°54'	987	-18	330	06	g/b	r	50	63	50	97	5	-	-	8	8	5	U.S. SHIP 'D'	44°0'	41°0'	1028	+09	320	30	o	c	53	60	41	74	5	-	-	8	8	21
3	3	4	NORWEGIAN	56°36'	21°42'	997	-10	360	18	c	c	49	51	42	98	3	-	-	6	6	4	ARGYLL	48°0'	08°42'	997	+00	200	25	c/pr	r	58	56	51	98	2	1	-	2	7	-
8	8	6	EMPIRE DRWELL	53°48'	32°01'	999	-15	290	24	c	c	45	48	43	98	7	2	-	6	7	4	MANCHESTER MERCHANT	56°36'	23°48'	991	-20	360	10	c	c	47	51	40	98	3	-	6	4	4	3
6	6	17 1/2		42°24'	08°36'	986	-12	190	30	b/g	b	60	60	52	98	4	-	-	3	3	9 1/2	AYISTONE	38°24'	17°42'	989	-40	340	13	o	d	50	50	48	98	7	-	-	8	8	-

\* Information not usually received.  
NELSON K. JOHNSON, K.C.B., D.Sc., Director,  
Meteorological Office, Air Ministry, Kingsway, London, W.C.A.



## Chart of Weather in the Northern Hemisphere.



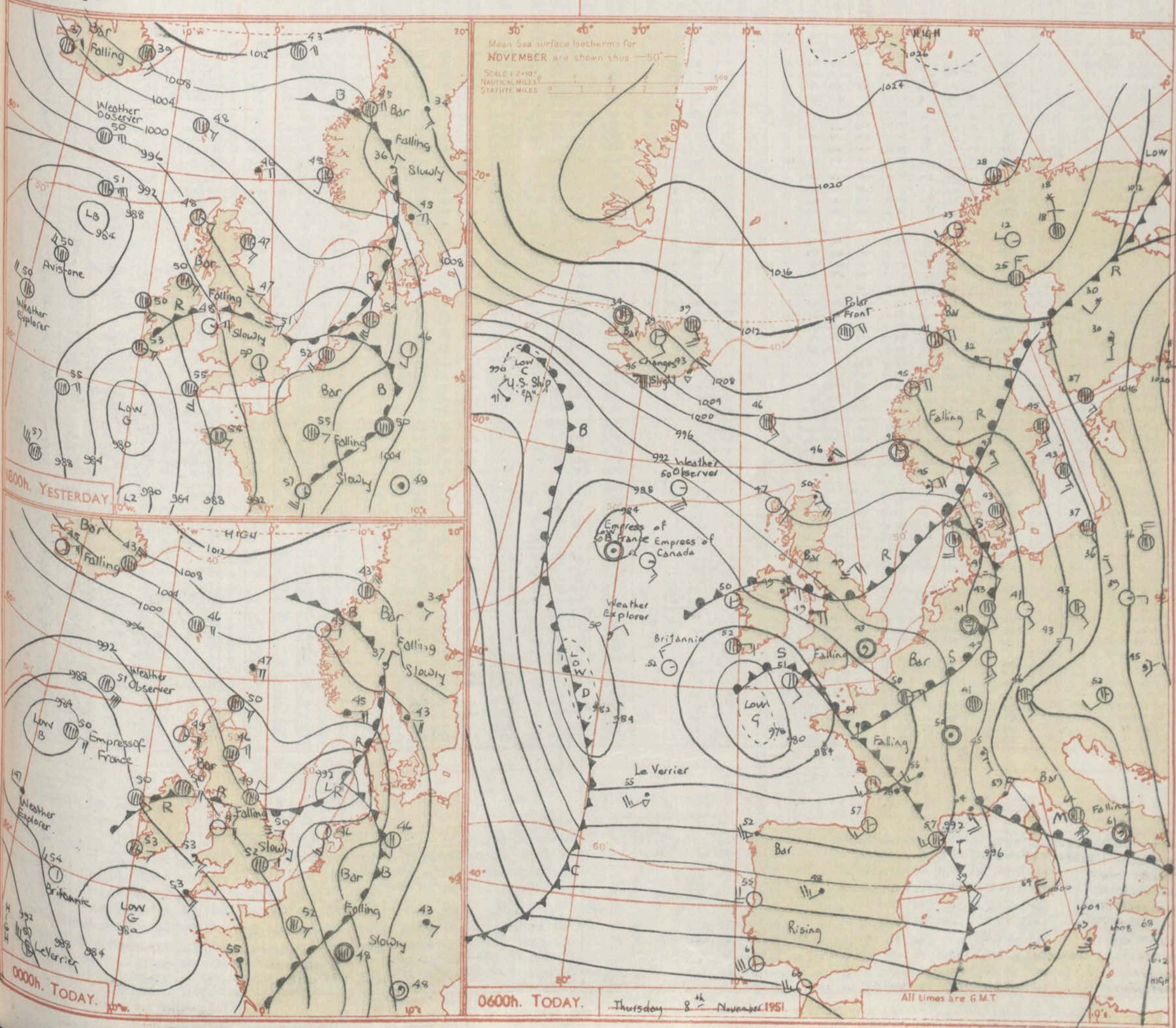


GENERAL INFERENCE.  
A depression to the southwest of the British Isles is almost stationary and a marked trough of low pressure extending eastwards from it across Northern France is moving slowly north. Dull rainy weather now prevailing in many parts of England, Wales and Ireland will spread steadily northwards to affect much of Scotland later tonight and tomorrow morning. In many parts of the British Isles rainfall will be prolonged. In Southern England the rain may leave off during the night and areas of fog may form. Temperatures will be about normal for the time of year.

## GENERAL INFERENCE

## FURTHER OUTLOOK

Occasional rain at times in many places









# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Friday 9th November

1951

OBSERVATIONS at 12h. G.M.T. 8th November 1951.

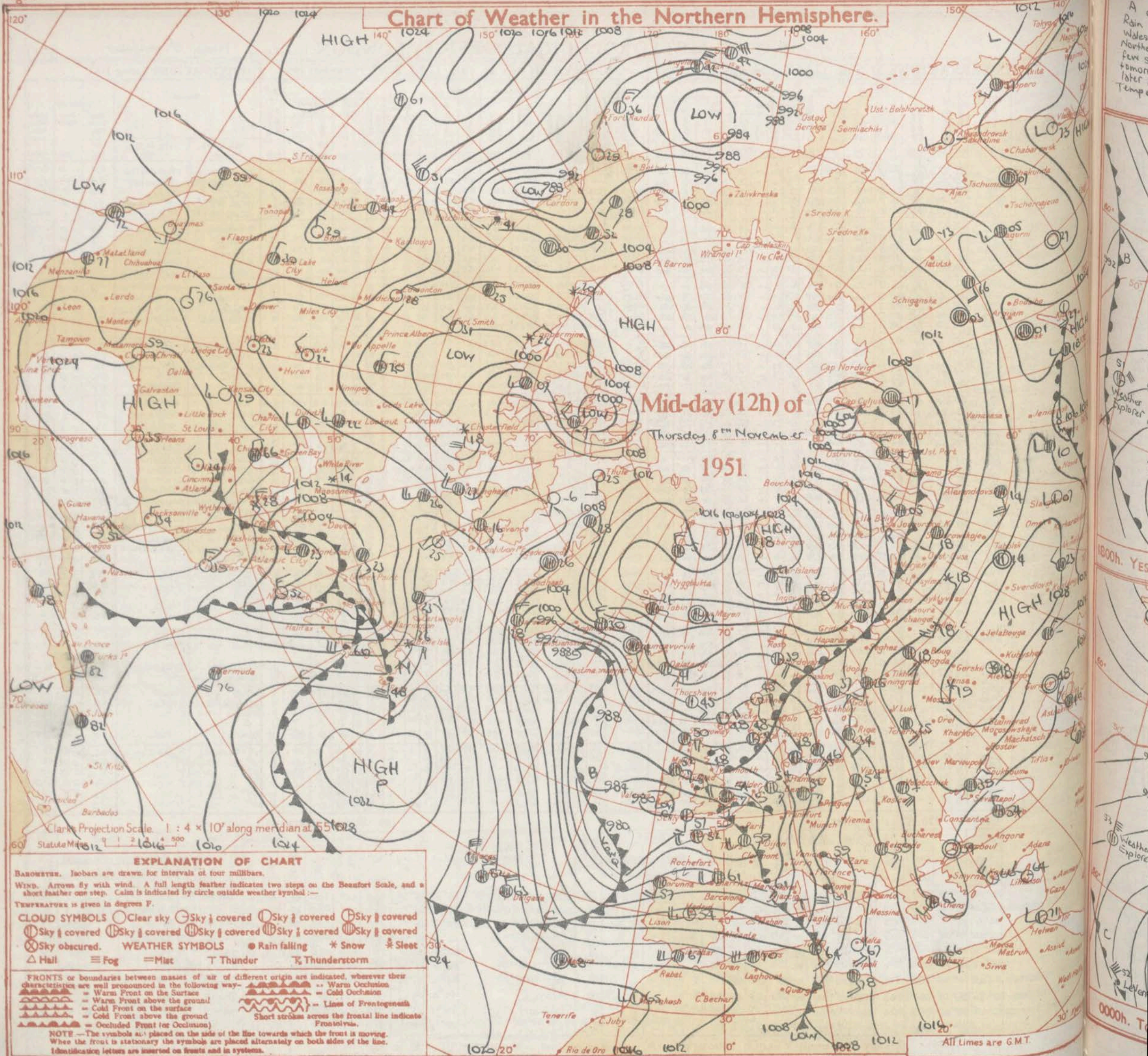
OBSERVATIONS at 18h. G.M.T. 8th November 1951.

OBSERVATIONS during DAY

Station. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.						Wind.			Pressure.		Temp.		Cloud.						21 h. State of ground	Weather.		Max. Temp. 09h.- 21h. °F	Sum- shine. °F	Rain 09h.- 21h. mm									
	Direction (degrees)	Speed (kts.)	Visibility (kts.)		mb.	Change in 3 hrs.	Dry Bulb °F	Wet Bulb °F	Dew point. °F	Form.			Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Visibility (kts.)	Present Weather.	mb.	Change in 3 hrs.	Dry Bulb °F	Wet Bulb °F	Dew point. °F	Form.			Main layer.		Lowest layer.	09h. to 15h. (34)				15h. to 21h. (35)								
										Low.	Medium.	High.												Total amount.	0-8 Amt.	8-16 Ht.									0-8 Amt.	8-16 Ht.	0-8 Amt.	8-16 Ht.	0-8 Amt.	8-16 Ht.	0-8 Amt.	8-16 Ht.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)					
Kew ... London Airport Lymington Tangmere Caldicot	070 060 090 040 110	07 09 09 12 10	07 06 06 24 16	cc cc cc cc cc	85.7 85.7 86.5 84.7 83.8	-24 -22 -19 -24 -13	54 54 54 54 54	52 52 51 52 54	7 7 7 7 7	2 2 2 2 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	1 20 1 7 1	6 10 12 10 10	140 120 160 240 260	05 10 08 12 07	09 10 32 30 80	cid cid bc c cc	83.3 85.9 85.1 83.8 84.0	+04 +01 +07 +10 +22	53 53 53 53 52	51 51 52 51 50	6 7 7 5 7	1 1 1 1 1	7 8 5 8 8	7 5 5 8 10	20 18 15 47 8	6 3 8 2 8	08 08 - 08 09	1 1 2 1 2	cr m f r r c cr m f r r c cr m f r r c cr m f r r c cr m f r r c	cr mid ob c cr mid ob c cr ob c cr ob c cr ob c	55 54 54 55 54	0.0 0.0 0.0 0.0 0.0	6 6 6 6 6						
Boscombe Down Felixstowe Gorleston West Raynham Malden	070 070 090 080 070	03 11 10 15 10	32 22 24 32 40	cc cc cc cc cc	85.4 87.3 88.8 89.2 87.2	-17 -19 -20 -24 -28	53 54 54 54 55	53 52 52 51 52	6 7 7 7 8	1 1 1 1 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	0.4 1 2 1 3	1 1 26 08 60	240 130 100 080 130	07 17 13 19 13	24 18 12 10 16	cc cc cc cc cc	83.0 85.1 85.9 85.7 83.8	-03 -09 -12 -17 -11	50 54 53 53 55	51 52 52 52 53	5 2 7 6 7	1 2 1 1 2	8 8 8 8 8	8 8 8 6 6	19 03 08 03 08	1 1 1 1 1	2 2 2 2 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	53 55 54 54 56	0.0 0.0 0.0 0.0 0.0	15 2 3 2 2							
Cranfield Elmdon Cottesmore Watnall Ross-on-Wye	070 080 090 060 080	12 10 15 08 08	07 22 13 24 29	cc cc cc cc cc	86.3 87.3 88.2 89.5 85.3	-20 -16 -24 -28 -24	51 51 51 51 51	51 49 49 49 50	7 6 7 7 7	2 1 1 2 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	0.3 2 0.3 7 0.4	1 2 3 7 0.6	120 070 090 080 080	08 09 11 08 08	09 13 06 04 12	cc cc cc cc cc	82.7 82.4 83.2 84.4 81.9	-11 -21 -22 -23 -13	52 51 50 50 51	50 51 50 50 50	6 7 6 7 5	1 2 1 2 1	8 8 8 8 8	7 7 8 15 0.4	1 0.7 1 7 0.6	1 0.6 1 0.6 1	2 2 2 2 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	53 52 51 51 51	0.0 0.0 0.0 0.0 0.0	6 17 12 16 23							
Stawbury Bristol Plymouth Chivenor St Eval	080 070 1 1 170	15 10 0 0 06	11 13 40 40 82	cc cc cc cc cc	87.2 83.8 83.6 83.9 83.3	-13 -23 -07 -09 -07	51 51 56 55 55	49 50 52 52 51	7 7 7 7 2	2 2 2 2 2	1 1 1 1 1	8 8 8 8 8	7 8 8 8 8	0.6 0.6 8 20 1.2	4 4 6 6 20	070 230 250 090 180	19 08 09 03 06	13 16 32 40 80	cc cc cc cc cc	82.7 81.6 83.2 82.3 82.3	-22 -05 -01 -05 -01	51 51 54 52 52	49 51 50 51 50	7 7 2 5 7	1 2 1 1 1	8 8 7 8 7	7 17 80 25 3	0.8 6 2 3 16	2 0.5 20 30 1	1 2 1 1 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	51 53 56 56 57	0.0 0.0 0.0 0.0 1.0	21 20 4.1 1 0.5							
Salisbury St. Mary's Guernsey Aberporth Pembroke Dock	120 170 1 050 120	09 13 0 03 05	30 81 30 64 36	cc cc cc cc cc	82.8 82.3 84.1 84.3 84.2	-08 -01 -05 -06 -07	57 57 54 52 54	54 52 52 48 51	3 3 7 7 7	4 1 2 2 2	2 1 1 1 1	6 4 8 8 8	5 2 6 40 18	1 3 2 4 6	1 20 0.3 15 10	230 230 240 120 120	10 13 03 03 03	31 31 32 31 48	cc cc cc cc cc	82.2 81.0 84.9 83.8 82.2	+01 -03 +11 -17 -09	52 53 53 49 51	50 50 49 49 50	8 8 8 6 7	1 1 1 1 2	8 7 7 8 7	4 20 28 26 25	18 2 20 3 3	2 15 - - 16	1 1 2 1 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	57 57 56 54 54	0.0 4.5 0.1 0.0 0.0	TR 0.1 4 13 0.6							
Holyhead (Valley) Manchester Squires Gate Silloth Pinningley	080 070 090 080 070	20 13 19 20 14	16 36 28 40 36	cc cc cc cc cc	86.5 88.9 89.1 91.7 90.0	-08 -13 -09 -06 -13	51 52 50 51 51	50 47 48 45 49	5 7 6 6 6	2 1 1 1 1	1 1 1 1 1	8 8 8 8 8	7 8 8 8 8	1 1 5 30 6	1 15 0.8 0.8 0.6	080 070 070 060 070	15 20 14 17 15	08 32 36 24 13	cc cc cc cc cc	83.2 84.9 84.9 88.3 85.2	-19 -16 -22 -20 -22	50 51 49 49 51	49 46 46 47 49	6 6 6 5 6	1 1 1 1 1	8 8 8 8 8	16 13 10 15 8	6 6 3 3 2	0.8 11 14 0.9 0.9	2 2 2 1 2	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	53 52 50 51 51	0.0 0.0 0.0 0.0 0.0	20 8 9 0.5 8							
Spurn Head Caldicot Lymington Leuchars Kildalemuir	060 090 080 090 080	15 10 15 15 14	16 32 56 16 40	cc cc cc cc cc	91.9 91.8 93.8 95.2 92.5	-09 -08 -06 -08 -09	50 49 49 49 48	50 47 47 47 45	7 6 6 6 6	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	1 2 6 20 1	0.3 1 0.5 1 1	060 060 090 090 060	25 08 10 18 16	14 64 40 24 40	cc cc cc cc cc	86.7 87.8 90.3 93.5 89.5	-23 -22 -17 -07 -16	51 49 50 49 47	51 46 48 48 49	7 6 6 6 6	1 1 1 1 1	8 8 8 8 8	10 11 20 0.4 0.2	1 6 - - -	2 0.9 - - 1	2 1 2 1 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	51 50 50 49 48	0.0 0.0 0.0 0.0 0.0	7 5 TR 2 TR							
Prestrick West Freugh Ronaldsway Tine Benbecula	060 080 090 090 080	14 17 20 14 12	81 64 36 24 83	cc cc cc cc cc	92.9 91.1 89.7 93.6 94.7	-12 -16 -05 +02 +02	51 51 51 53 50	45 49 47 43 43	5 5 6 5 5	1 1 1 2 2	1 1 1 1 1	7 8 8 8 8	7 6 7 7 6	25 80 12 28 3	10 15 1 2 40	060 090 050 040 080	15 21 20 09 14	80 64 24 83 82	cc cc cc cc cc	90.5 89.3 86.1 92.1 94.0	-09 -14 -19 -05 +01	50 50 50 48 48	46 44 48 42 43	5 5 7 4 5	1 1 1 1 1	8 8 8 8 8	20 25 23 35 30	3 4 4 1 -	12 14 10 1 -	1 1 1 1 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	53 52 52 54 52	0.5 0.0 0.0 2.7 2.0	TR 0.3 14 - -							
Sornoway Cape Wrath Sole Skerry Benfrew Dyce	110 090 110 070 070	16 19 13 16 24	80 81 81 24 32	cc cc cc cc cc	96.6 96.7 98.8 93.4 97.3	+07 +16 +05 -11 -02	50 48 50 50 48	46 46 46 46 45	5 5 5 8 6	3 2 1 3 1	2 2 1 2 1	7 7 7 7 8	3 3 7 4 6	30 10 10 22 12	1 1 1 2 3	080 090 090 090 080	20 19 13 15 0	81 81 81 44 64	cc cc cc cc cc	96.1 96.5 97.7 96.2 96.2	+01 +02 +00 -04 -04	49 47 49 49 48	42 45 45 47 43	5 6 7 5 5	1 1 1 1 1	8 8 8 8 8	30 10 10 18 18	3 - - 4 -	0 - - 0.7 -	0 0 0 1 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	51 50 50 52 52	0.1 - - - - -	- - - - -							
Wick Lewick Blackod Point Main Head Aldergrove	090 060 080 090 080	15 11 13 18 18	56 81 36 50 64	cc cc cc cc cc	98.7 91.4 88.5 91.3 90.6	+01 -03 -02 -06 -03	48 48 52 52 50	43 44 48 46 47	8 8 8 8 6	3 2 1 1 1	1 1 1 1 1	7 7 7 7 8	2 2 2 2 2	30 20 25 25 20	2 2 1 1 3	090 030 080 080 070	09 20 21 21 15	80 81 81 81 44	cc cc cc cc cc	87.7 90.2 86.1 89.3 88.4	+03 -00 -03 -08 -09	49 45 51 52 49	44 41 49 48 47	5 8 7 6 6	1 1 1 1 2	7 7 8 8 8	25 39 19 21 13	3 4 - - -	1 17 0 - -	1 1 0 2 2	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	50 49 53 52 50	0.0 1.2 1.8 - 0.0	TR 1 TR TR 8							
Castle Archdale Barr Castle Colinstown Jusana Valentia Mileton	090 090 090 070 120	11 16 16 12 13	56 50 50 81 81	cc cc cc cc cc	88.8 84.6 86.8 85.0 82.1	-07 -12 -09 -06 -03	50 51 51 51 57	47 49 50 49 49	5 6 6 5 5	1 1 1 1 2	1 1 1 1 2	8 8 8 8 7	6 5 5 4 4	16 30 05 25 25	1 1 1 1 1	060 090 080 050 080	15 09 16 11 08	24 50 12 24 81	cc cc cc cc cc	86.5 82.4 84.2 82.9 79.9	-06 -10 -12 -05 -06	49 51 50 52 53	47 49 49 50 49	7 6 6 6 3	2 1 1 1 2	8 8 8 8 6	14 30 0.4 0.8 2.4	1 1 1 1 1	1 1 1 1 1	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	cc ob m f r cc ob m f r cc ob m f r cc ob m f r cc ob m f r	51 53 52 53 58	0.0 0.0 0.0 0.0 3.3	1 2 10 0.5 1								



## Chart of Weather in the Northern Hemisphere.





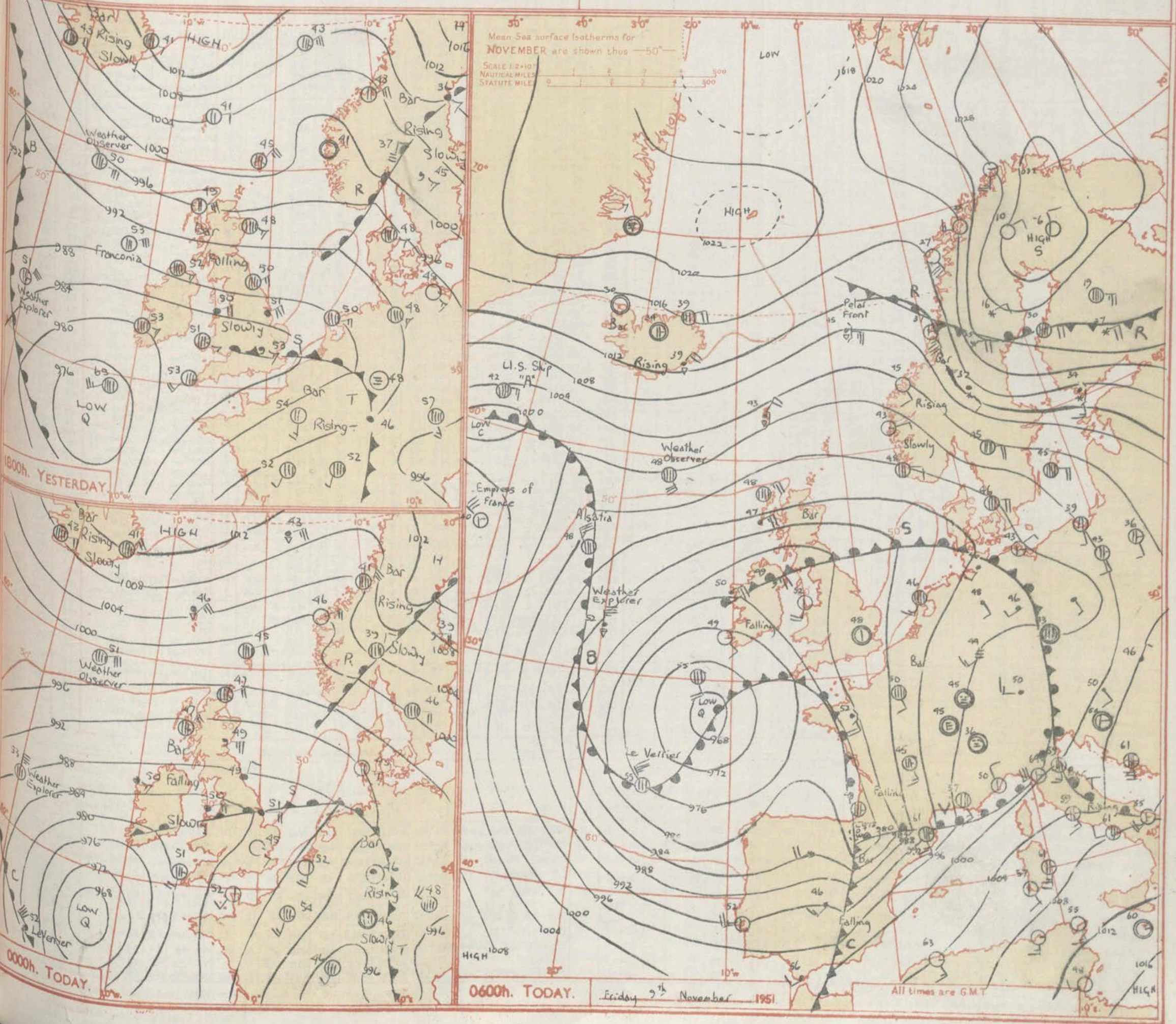
FURTHER OUTLOOK

Continuing unsettled.

**GENERAL INFERENCE**  
A deep depression to the southwest of the British Isles is almost stationary. Rain which is now falling in Southwest England will extend to Southeast England, Wales and Southern districts of the Midlands this afternoon and will spread to Northern England tonight and tomorrow morning. Improving weather though with a few showers will spread across many southern and Midland districts tonight and tomorrow morning. Rain over Scotland this afternoon will give way to dry weather later and there will be some bright periods in the West tomorrow morning. Temperatures will continue about normal for the time of year.

Mean Sea surface isotherms for NOVEMBER are shown thus — 50° —

SCALE 1:2400  
NAUTICAL MILES  
STATUTE MILES



0600h. TODAY. Friday 7th November 1951

All times are GMT



No. 3286

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(For help)

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\* Information not usually received.

HMSO, Pres. MD, Dunstable



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Saturday 10th November, 1951

OBSERVATIONS at 12h. G.M.T. 9th November, 1951.

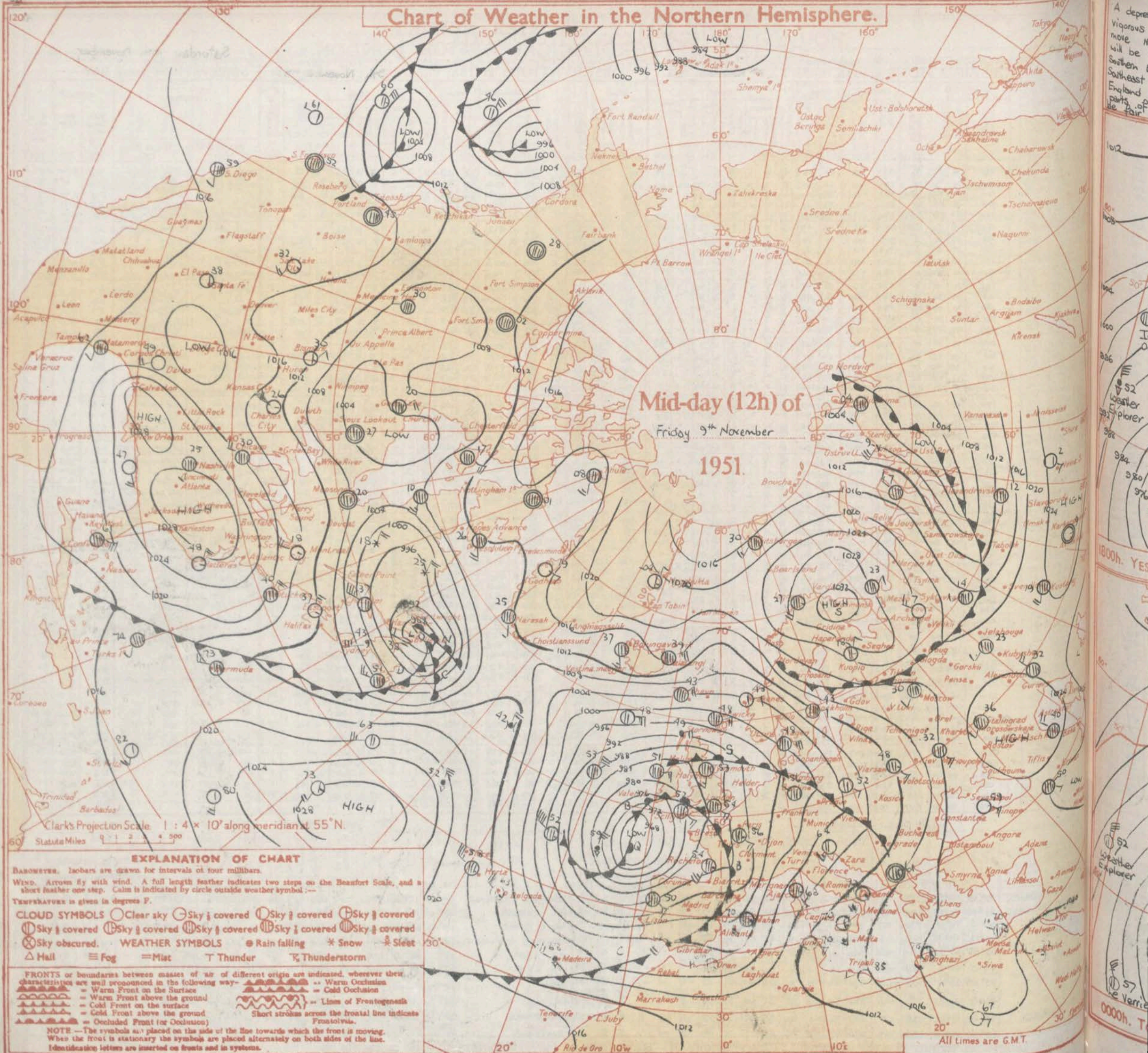
OBSERVATIONS at 18h. G.M.T. 9th November, 1951.

OBSERVATIONS during DAY

STATIONS. (For heights see p. 4)	Wind.			Presen. Weather.	Pressure.		Temp.		Cloud.							Wind.			Presen. Weather.	Pressure.		Temp.		Cloud.							21 h. State of ground.	Weather.		Max. Temp. 09h.-21h. °F.	Sun- shine.	Rain 06h.-21h. mm.		
	Direction (degrees).	Speed (kts.)	+ Visibility		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Main layer.		Lowest layer.		Direction (degrees).	Speed (kts.)	+ Visibility		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Main layer.		Lowest layer.			09h. to 15h. (24)	15h. to 21h. (25)					
									Low.	Medium.	High.	Total amount.	0-8 Amt.	8-16 Ht.	0-8 Amt.									8-16 Ht.	Low.	Medium.	High.	Total amount.	0-8 Amt.	8-16 Ht.							0-8 Amt.	8-16 Ht.
Kew ... London Airport Lymington Tangmere Caishot	150 140 120 100 120	12 14 10 18 23	30 72 48 40 32	ir. c o o/r c	87.7 87.6 89.2 86.0 83.4	-0.3 -0.4 -0.6 -1.2 -1.7	54 54 53 53 53	48 49 49 49 50	5 5 6 5 7	2 2 7 2 7	- - - - -	8 8 7 8 8	8 8 7 8 8	3 1 1 8 1	25 07 08 10 09	110 110 130 130 180	09 13 09 15 11	03 32 32 32 64	66 66 66 66 66	87.1 86.8 88.4 85.6 84.7	+0.3 +0.4 -0.2 +0.0 +1.2	52 52 52 53 53	49 50 50 51 51	7 5 7 6 3	2 2 2 2 2	- - - - -	8 8 8 8 8	8 8 8 8 8	25 80 80 70 80	6 3 4 5 3	12 25 30 10 20	1 1 2 1 1	cm, wir. ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	56 54 54 53 54	0.6 0.3 0.2 0.0 0.0	1 3 2 4 8	
Boscombe Down Felixstowe Gorleston West Raynham Mildenhall	100 180 130 170 130	18 09 09 15 15	56 80 80 56 32	o/r c c c c	84.9 90.3 91.8 89.7 89.2	-1.3 +0.2 +1.3 +0.7 +0.3	52 54 53 51 57	49 49 51 51 52	6 6 6 6 7	7 7 7 7 7	- - - - -	8 8 7 7 7	8 8 7 7 7	1 2 - - 6	15 23 - - 08	160 110 130 120 110	15 17 17 16 13	24 48 40 46 40	66 66 66 66 66	85.0 85.8 91.5 90.1 89.3	+1.2 +0.0 +0.7 +0.3 +0.6	51 54 53 51 53	49 50 51 48 50	7 5 7 6 6	- - - - -	8 8 7 7 7	8 8 7 7 7	04 60 - 10 81	- 1 - - 3	- 40 - - 08	2 2 0 1 1	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	52 54 54 53 56	0.0 1.4 1.6 0.2 0.5	7 0.2 - - Tr		
Cranfield Elmdon Coltishall Watnall Ilmington-Wye	130 118 120 110 090	14 15 12 07 12	40 36 09 24 30	o o o/r o o	87.5 86.3 88.8 88.4 84.6	-0.2 -0.5 +0.7 +0.5 -0.9	51 51 48 48 52	47 48 48 48 48	6 6 6 6 5	7 7 7 7 7	- - - - -	8 8 8 8 8	8 8 8 7 7	1 2 - 4 12	08 06 - 15 -	100 100 110 100 100	15 17 14 13 09	32 20 28 16 24	66 66 66 66 66	87.7 86.3 88.3 88.8 83.9	-0.3 +0.6 +0.3 +0.7 +0.7	50 52 50 50 51	48 48 49 45 49	6 5 6 7 2	- - - - -	8 8 8 8 8	8 8 7 8 8	10 83 03 18 08	2 2 12 5 -	05 2 - 08 -	2 1 1 1 1	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	52 52 51 51 53	0.0 0.0 0.0 0.0 0.0	1 1 1 0.3 8		
Shawbury Bristol Plymouth Chivenor St. Eval	090 110 160 100 160	13 18 18 08 17	18 72 40 40 81	c ir. ir. rr o/r	86.0 82.7 79.0 79.8 78.9	-0.2 -1.6 -0.9 -1.5 +0.8	51 53 52 53 52	48 51 49 50 48	4 6 6 5 2	7 2 - 7 7	- - - - -	8 8 6 8 8	6 6 7 8 3	11 3 12 - -	08 08 - - -	100 160 130 080 150	16 08 08 08 08	16 24 80 82 82	66 66 66 66 66	85.2 83.5 81.5 81.6 80.2	+0.1 +1.9 +1.8 +2.0 +1.7	51 51 52 51 49	49 49 48 47 46	7 6 2 2 7	- - 3 2 7	- - - - -	8 8 3 2 5	6 8 1 2 5	15 25 18 30 -	- 5 15 - -	2 2 1 1 1	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	52 54 54 54 53	0.0 0.0 0.2 0.1 0.1	2 2 9 5 6		
Admiralty, St. Mary's Guernsey Aberporth Pembroke Dock	150 150 150 090	17 12 11 10	80 81 80 82	o c c c	77.4 75.6 81.1 81.4	-0.4 +0.8 -0.4 -1.2	53 52 50 52	49 48 48 47	7 8 7 5	7 2 7 7	- - - -	8 7 8 7	6 14 25 5	15 14 07 2	06 - 18 -	160 150 170 130	10 14 18 07	82 81 82 81	66 66 66 66	79.4 76.9 83.7 81.2	+1.5 +0.7 +1.5 +1.0	51 52 52 49	46 48 46 47	5 5 8 5	7 - 4 7	- - 2 -	4 4 6 7	1 14 20 21	- - 3 2	- - 12 18	2 2 1 2	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	53 57 53 53	* 3.7 0.2 0.0	Tr 1 5 8		
Holyhead (Valley) Manchester Squires Gate Saloth Farningley	100 110 110 120 130	11 08 07 12 08	64 31 56 16 24	o c c c c	79.7 83.2 86.5 86.3 86.4	-1.8 -0.1 +0.4 +0.9 +1.6	54 53 51 50 53	50 48 47 48 48	6 5 6 6 4	7 7 1 6 4	- - - - -	8 7 7 8 4	6 84 85 80 7	10 25 10 09 125	- 25 10 - -	110 070 090 100 110	07 14 12 20 14	62 10 32 32 20	66 66 66 66 66	80.8 82.8 86.5 86.2 88.7	+1.4 -0.3 -0.1 +0.2 +1.4	52 52 51 51 51	48 48 47 45 49	5 5 5 5 7	- - - - -	8 8 8 7 8	8 50 35 70 18	- 5 2 1 2	19 12 12 35 07	1 1 1 1 2	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	54 53 53 55 52	0.4 0.0 0.2 0.3 0.0	3 0.1 0.2 0.2 0.5			
Spurn Head Dunlorth Lynmouth Leuchars Lakeland	140 150 180 150 180	12 09 10 10 01	28 03 16 16 07	o bf. o c c	88.8 90.1 88.7 88.4 90.2	+1.6 +2.4 +1.8 +1.6 +0.2	49 49 50 53 51	47 49 48 46 51	6 6 6 2 6	7 7 2 2 6	- - - - -	8 8 8 6 8	12 20 28 28 02	06 - 08 - -	-	110 110 140 120 070	21 09 12 05 08	40 40 42 32 80	66 66 66 66 66	90.0 90.0 91.5 91.0 89.8	+0.1 +0.9 +1.7 +2.3 +1.9	50 50 49 49 44	50 49 48 49 42	5 5 6 7 5	- - - - -	5 8 8 8 7	5 10 20 83 45	- - 4 - -	- 05 - - -	0 1 1 2 1	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	51 50 53 55 51	0.0 0.3 2.4 0.9 0.6	- Tr - 1 -			
West Freugh Monksway Three Benbecula	120 160 130 030	08 08 14 13	80 80 81 64	pr. c c o/r	85.9 85.1 84.9 86.6	+0.8 +1.3 +1.4 -0.6	54 53 53 48	49 49 49 46	8 6 6 5	3 2 7 2	- - - -	6 6 7 8	3 1 8 7	50 05 10 18	12 - 10 -	050 090 090 130	10 12 19 09	48 38 18 82	66 66 66 66	88.9 86.5 85.4 87.6	+1.4 +0.5 -0.2 +1.3	50 50 52 50	45 45 48 48	6 7 7 5	- - - -	6 7 8 7	5 8 6 1	80 81 10 30	2 3 3 1	35 07 - -	0 1 1 1	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	55 53 52 52	1.5 0.4 0.0 0.0	Tr 2 2 5		
Stornoway Cape Wrath Sle Skerry Heafrey Dyce	050 060 090 050 110	19 21 19 03 07	64 40 81 04 03	dr rr ir o/r id.	88.9 89.8 88.1 86.7 87.6	-0.9 -1.8 -2.8 +0.1 -0.3	47 49 49 50 51	47 47 47 50 50	3 6 6 6 6	2 2 - 7 -	- - - - -	8 8 7 8 8	35 08 10 22 01	09 06 - 08 -	-	110 090 110 030 160	06 13 19 02 12	80 80 80 13 0	66 66 66 66 66	88.8 88.5 89.2 89.3 82.8	+0.7 +1.4 -0.1 +2.4 +3.4	49 50 52 49 51	49 50 52 48 49	5 6 3 5 6	- - - - -	7 8 8 7 8	1 25 10 22 06	- - - - -	- - - - -	2 2 1 1 2	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	52 51 52 54 51	0.0 0.0 0.0 0.1 0.0	10 7 8 Tr 2			
Wick Larwick Blacksod Point Main Head Aldergrove	070 080 070 070 070	15 17 10 18 13	62 64 31 54 31	c o/r c o o	89.4 97.0 82.3 84.3 84.4	-1.1 -0.2 +0.5 +0.2 +1.6	50 48 51 52 54	49 44 49 46 51	6 5 9 6 2	2 - 9 - 7	- - - - -	8 8 6 8 7	20 20 21 36 35	4 - 2 - 10	02 - 13 - -	130 120 070 090 080	15 23 09 08 09	24 16 81 44 32	66 66 66 66 66	91.6 97.5 83.6 86.5 85.7	+2.7 +0.6 +1.2 +1.8 +0.4	51 45 50 52 50	49 48 49 49 48	5 6 8 3 8	- - - - -	7 8 5 6 6	1 25 10 36 40	- - - - -	- - - - -	2 2 1 2 1	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm ccir, ccrrm	56 51 52 53 56	1.2 0.0 0.0 0.0 1.2	Tr 7 0.5 Tr Tr			
Castle Archdale Bur Castle Colinstown Kilnanna Valentia Mulleton	120 090 120 090 090 090	01 09 09 13 08 13	41 81 80 31 81 80	c/d c c ir. o/r rr	83.0 80.7 82.7 80.5 84.3 78.0	+1.7 +0.6 +0.5 +0.2 +0.2 -0.8	51 52 52 53 52 53	50 48 48 49 46 46	5 5 6																													



## Chart of Weather in the Northern Hemisphere.



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GENERAL INFERENCE.

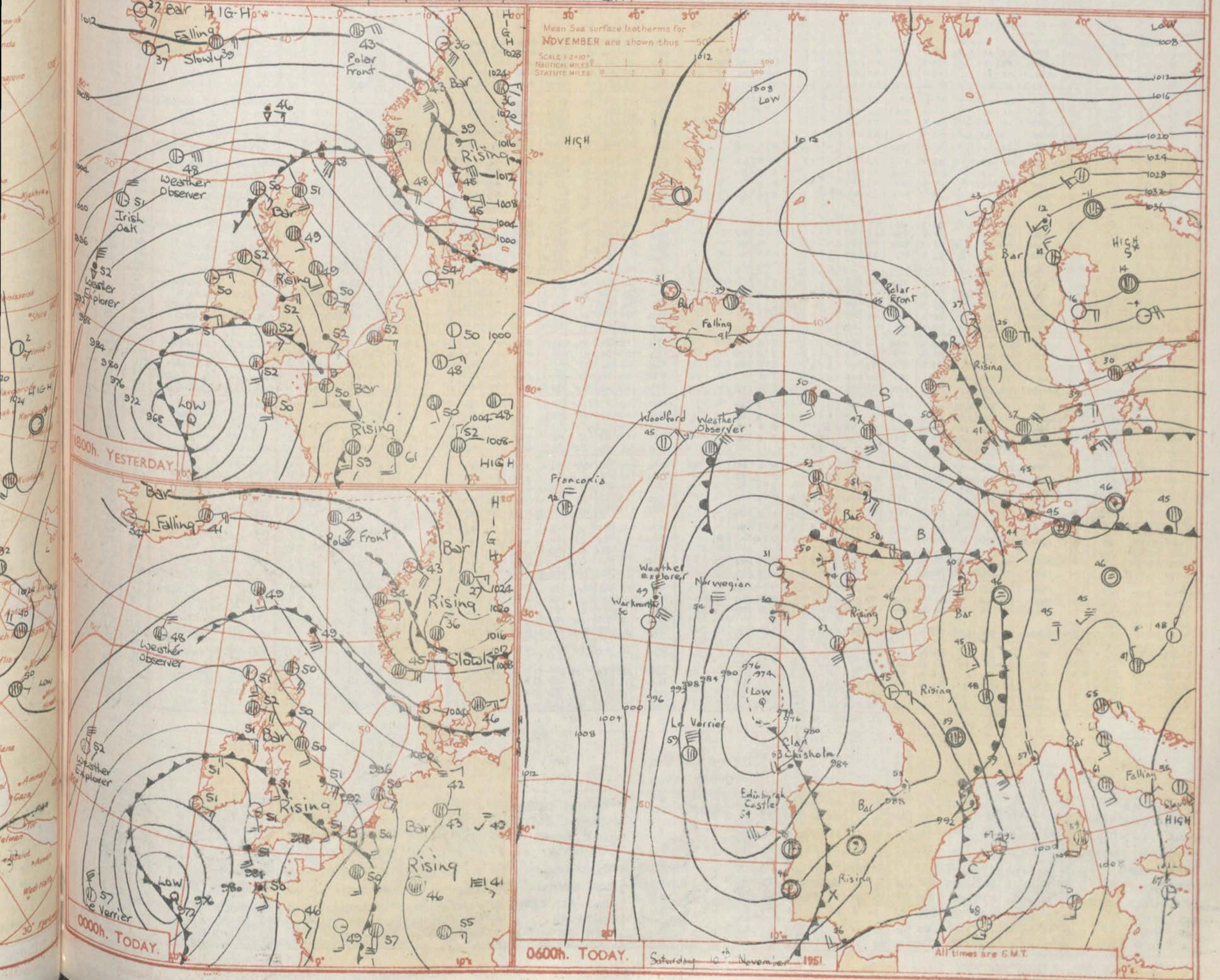
A depression centred to the Southwest of the British Isles is becoming less vigorous and drifting northeast. A secondary over South France is expected to move North and North-west towards the British Isles. In England and Wales there will be bright periods this afternoon but rain coming from France will spread across Southern England during the evening possibly commencing before dusk in parts of Southeast England. The rain will spread northwards during the night to affect North England and perhaps North Ireland later tonight or tomorrow morning. In most parts of Scotland the weather will be cloudy with periods of rain but there will be fair intervals in the West and South. Fog may develop in places in northern

FURTHER OUTLOOK.

half of England during first part of tonight and there may also be fog patches in Southern England about dawn tomorrow. Temperatures will remain around recent levels.

FURTHER OUTLOOK.

Changeable in South with bright periods but also rain or showers at times. Cloudy in most northern areas with rain at times.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

OBSERVATIONS at 00hr. G.M.T. 10<sup>th</sup> November 1951.OBSERVATIONS at 06hr. G.M.T. 10<sup>th</sup> November 1951[illegible][illegible]

### 00h. Ships' Reports

Ship	Lat. N. °	Long. W. °	Bar. mb.	Change 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud					Height waves ft.
					Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew point		Form			Amount		
													Low	Med.	High	Low	Total	
LE VERRIER	45° 0'	16° 0'	981	+25	320	28	bc	pt	57	58	50	97	3	-	-	4	4	14
WEATHER OBSERVER	57° 0'	15° 30'	997	-04	010	20	c	c	48	50	44	99	8	3	-	4	7	8
POLAR FRONT	66° 48'	00° 18E	1011	+00	110	19	o	c	44	46	39	98	5	-	-	8	8	5
WEATHER EXPLORER	52° 24'	20° 24'	995	+10	360	32	bc	pt	52	54	43	98	2	-	-	4	4	8
TORR HEAD	56° 0'	22° 12'	1004	+10	040	17	c	bc	49	51	47	98	2	-	-	6	6	22
ASTURIAS	49° 48'	02° 36'	987	+25	150	20	c	bc	55	58	54	98	6	9	-	3	6	-
EDINBURGH CASTLE	43° 36'	09° 30'	979	+15	210	37	IR	pt	54	59	51	96	7	-	-	8	8	14
U.S. SHIP "A"	62° 0'	33° 0'	1010	-13	090	06	o	f	44	49	43	64	6	-	-	8	8	6 1/2
U.S. SHIP "C"	52° 42'	55° 24'	1010	-20	160	20	o	pt	44	49	34	80	2	5	-	7	8	8
U.S. SHIP "D"	44° 0'	41° 0'	1016	-11	230	15	bc	bc	66	65	65	80	-	3	-	3	3	9

### 06h. Ships' Reports

Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0.1 mb	Wind		Weather		Temp.			Visibility	Cloud				
					Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew Point		Form			Amount	
													Low	Med.	High	Low	Total
WEATHER OBSERVER	59° 0'	15° 24'	997	+0.1	030	22	0	pr	47	50	43	98	8	-	-	8	8
WEATHER EXPLORER	53° 12'	20° 0'	997	+1.1	350	29	b	pr	49	53	43	97	8	-	-	3	3
POLAR FRONT	65° 48'	00° 24'	1012	+0.6	120	16	0	c	45	45	41	98	5	-	-	8	8
FRANCONIA	56° 30'	29° 12'	1005	+0.5	360	13	c	c	42	47	37	98	8	4	-	4	7
LE VERRIER	45° 0'	16° 0'	985	+2.4	350	30	c	pr	59	59	50	97	8	-	-	5	6
NORWEGIAN	52° 12'	16° 0'	987	-0.5	360	25	ir	c	54	56	52	98	9	-	-	7	7
EDINBURGH CASTLE	42° 0'	10° 36'	983	+0.4	220	32	ir	pr	54	58	50	98	7	-	-	8	8
WOODFORD	39° 48'	21° 54'	1003	+0.0	070	09	b	c	45	50	48	98	1	-	-	4	4
CLAN CHISHOLM	44° 30'	09° 18'	980	+0.0	220	20	ir	c	53	57	49	97	6	2	-	5	8
WARKWORTH	51° 18'	20° 0'	995	+2.2	020	30	b	d	50	57	47	98	1	-	-	1	1

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\* Information not usually received.

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Sunday 11th November, 1951

OBSERVATIONS at 12h. G.M.T. 10th November 1951

OBSERVATIONS at 18h. G.M.T. 10th November 1951

OBSERVATIONS during DAY

Stations. (For heights see p. 4)	Wind.			Pres. Bar at M.S.L.	Temp. Dry Bulb	Cloud.	Wind.	Temp.	Cloud.	21 h. State of ground	Weather.	Max. Temp. 24h.	Sun- shine.	Rain 24h.																							
	Direction (degrees)	Speed (kts.)	Visibility												Form.	Amount.	Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Visibility	Pres. Bar at M.S.L.	Temp. Dry Bulb	Cloud.	Form.	Amount.	Main layer.	Lowest layer.									
																													Low.	Medium.	High.	Low.	Medium.	High.	Low.	Medium.	High.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Kew London Airport Lymington Tangmere Calshot	110 120 120 120	0930 1232 1232 1232	C C C C	94.7 95.2 95.2 95.2	+0.5 +0.3 +0.3 +0.3	52 52 52 52	47 48 48 48	1 1 1 1	1 1 1 1	7 7 7 7	7 7 7 7	1 1 1 1	30 30 30 30	070 080 110 040	11 11 20 10	30 09 16 20	92.9 93.1 92.5 92.0	-1.4 -1.3 -2.6 -1.7	51 52 50 50	48 49 48 48	6 5 6 5	1 2 1 1	8 8 8 8	8 8 8 8	10 42 07 22	1 5 1 1	20 20 4 20	1 2 2 2	cmom bmocmo of bcc c	omir r Rfomo cir m crr c r o b cir m crr c r o b cmo m crr c r o b	53 53 53 54	2.9 1.0 1.6 2.0	8 9 11 13				
Beacombe Down Peixestowe Gedeston West Raynham Mildenhall	130 110 110 110 110	1100 0906 0906 0906 0906	C bc bc bc bc	94.2 94.3 94.3 94.3 94.3	+0.7 +0.1 +0.1 +0.1 +0.1	50 50 50 50 50	50 50 50 50 50	5 5 5 5 5	2 2 2 2 2	5 4 4 4 4	18 18 18 18 18	1 1 1 1 1	1 1 1 1 1	070 080 100 090 080	14 16 12 13 11	13 40 40 40 64	93.3 93.2 91.4 90.8 95.8	-0.8 -1.6 -0.5 -0.2 -0.6	50 50 51 51 52	48 50 51 49 48	6 5 5 5 5	2 2 2 2 2	8 8 8 8 8	8 6 20 20 81	6 20 6 1 6	05 1 1 15 30	2 2 2 2 2	bc m o c bcc cm o bc m o b m o c bcc	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	54 55 55 54 56	2.6 2.9 3.5 3.0 3.3	5 2 1 0.1 1					
Grainfield Elmdon Collesmore Watnall Ross-on-Wye	090 090 090 090 090	0806 0806 0806 0806 0806	C bc bc bc bc	95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50	50 50 50 50 50	6 6 6 6 6	1 1 1 1 1	6 6 6 6 6	10 10 10 10 10	1 1 1 1 1	1 1 1 1 1	070 080 100 080 070	10 08 10 07 08	24 40 48 09 50	94.6 95.3 96.7 96.7 93.8	-0.8 +0.0 -0.1 +0.3 +0.0	50 50 49 49 51	47 48 47 48 48	6 5 4 6 8	1 1 2 2 1	8 8 8 8 8	8 8 8 12 25	1 1 1 1 1	2 1 1 1 1	bc m o c bc m o c bc m o c bc m o c bc m o c	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	54 55 52 54 53	2.5 2.4 1.4 2.0 1.4	5 1 1 TR 1						
Shawbury Hotel Plymouth Chivenor St. Eval	090 090 090 090 090	0806 0806 0806 0806 0806	C bc bc bc bc	95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50	50 50 50 50 50	6 6 6 6 6	1 1 1 1 1	6 6 6 6 6	10 10 10 10 10	1 1 1 1 1	1 1 1 1 1	080 060 090 090 080	08 09 02 05 07	16 64 80 82 81	95.4 92.6 90.7 91.9 90.7	+0.3 -0.1 +0.6 +1.2 +1.2	50 50 52 53 52	46 48 48 49 48	5 5 5 2 2	1 2 1 1 1	8 8 7 7 7	6 84 80 83 15	1 15 2 26 1	1 1 1 1 1	bc m o c bc m o c bc m o c bc m o c bc m o c	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	54 55 56 59 57	3.3 0.7 2.4 5.4 6.5	TR 1 0.6 TR 1						
Coleridge St. Mary's Gurnsey Aberporth Pembroke Dock	130 130 130 130 130	1400 1400 1400 1400 1400	C bc bc bc bc	95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50	50 50 50 50 50	6 6 6 6 6	1 1 1 1 1	6 6 6 6 6	10 10 10 10 10	1 1 1 1 1	1 1 1 1 1	110 110 160 140 120	10 11 04 05 06	80 64 18 81 80	89.5 87.8 90.3 93.1 92.4	+1.3 +1.4 -0.2 +1.4 +1.0	50 52 51 45 53	49 50 46 45 47	5 5 5 5 5	3 3 2 4 1	3 4 7 7 7	18 12 30 55 1	1 1 1 1 1	1 1 0 1 1	bcc bcp bbcc bbcc bcc bcc	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	55 57 56 57 56	6.2 4.2 7.6 4.8	1 TR 1 TR						
Holyhead (Valley) Manchester Squires Gate Siltho Fanningley	120 120 120 120 120	0908 0908 0908 0908 0908	C bc bc bc bc	95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50	50 50 50 50 50	6 6 6 6 6	1 1 1 1 1	6 6 6 6 6	10 10 10 10 10	1 1 1 1 1	1 1 1 1 1	090 090 090 090 090	06 10 06 05 10	80 24 12 12 32	94.2 96.1 96.4 97.2 97.2	+0.8 +1.0 +1.5 +1.0 +0.6	49 51 45 43 49	45 46 41 43 47	3 7 7 7 5	2 2 1 1 1	5 7 7 2 7	3 6 8 80 81	1 1 1 1 2	1 1 1 1 30	bc m o c bc m o c bc m o c bc m o c bc m o c	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	60 57 58 51 54	8.2 6.1 5.3 0.2 4.8	1 1 1 1 TR						
Spurn Head Southport Lymouth Leuchars Rahdenair	120 120 120 120 120	0916 0916 0916 0916 0916	C bc bc bc bc	95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50	50 50 50 50 50	6 6 6 6 6	1 1 1 1 1	6 6 6 6 6	10 10 10 10 10	1 1 1 1 1	1 1 1 1 1	100 090 180 180 090	14 06 06 09 01	24 24 16 64 62	98.3 98.8 98.4 98.6 98.1	+0.7 +1.9 +2.2 +1.9 +2.8	51 49 50 49 43	50 41 49 47 42	1 1 1 1 1	2 7 7 7 1	7 8 5 7 0	1 1 1 1 1	1 1 1 1 1	bc m o c bc m o c bc m o c bc m o c bc m o c	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	54 56 52 52 50	4.7 4.7 1.3 0.0 0.6	1 1 1 1 7							
West Freugh Ronaldsway Tiree Benbecula	090 090 090 090	0924 0924 0924 0924	C bc bc bc	95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2	50 50 50 50	50 50 50 50	6 6 6 6	1 1 1 1	6 6 6 6	10 10 10 10	1 1 1 1	1 1 1 1	100 060 030 060	07 09 08 09	80 24 56 24	96.8 95.7 94.3 95.5	+2.2 +2.4 +0.3 -0.2	47 47 50 51	46 47 48 49	5 6 5 5	7 3 2 1	7 3 2 7	30 83 11 81	1 1 1 1	2 1 1 1	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	52 52 52 54	0.0 0.0 0.0 0.0	9 1 1 1						
Scornway Cape Wrath Sale Skerry Headferry Dyce	090 090 090 090 090	0924 0924 0924 0924 0924	C bc bc bc bc	95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50	50 50 50 50 50	6 6 6 6 6	1 1 1 1 1	6 6 6 6 6	10 10 10 10 10	1 1 1 1 1	1 1 1 1	050 140 140 160	16 24 24 12	24 81 64 80	97.1 97.0 96.9 99.1	-0.3 -0.3 +0.4 +2.7	51 48 47 49	47 48 47 47	5 6 5 6	1 2 1 3	7 7 7 3	28 15 10 25	5 5 1 1	14 10 10 12	2 1 1 1	bc m o c bc m o c bc m o c bc m o c	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	53 51 52 51	1.0 0.2 0.0 0.0	1 0.3 10 4					
Wick Lerwick Blackad Point Main Head Aldergrove	120 120 120 120 120	2424 2424 2424 2424 2424	C bc bc bc bc	95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50	50 50 50 50 50	6 6 6 6 6	1 1 1 1 1	6 6 6 6 6	10 10 10 10 10	1 1 1 1 1	1 1 1 1	110 110 090 060	21 28 02 02	16 48 44 24	99.7 98.4 94.6 95.8	-0.3 +0.6 +1.0 +2.2	51 50 50 50	49 39 47 48	6 8 7 5	2 1 1 1	8 8 8 8	20 22 11 30	6 4 1 1	08 15 1 1	1 1 2 1	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	52 53 52 52	0.0 0.0 2.5 0.0	0.5 0.2 3 1					
Castle Archdale Birr Castle Collinstown Kineanna Valentia Mileton	120 120 120 120 120 120	2424 2424 2424 2424 2424 2424	C bc bc bc bc bc	95.2 95.2 95.2 95.2 95.2 95.2	+0.2 +0.2 +0.2 +0.2 +0.2 +0.2	50 50 50 50 50 50	50 50 50 50 50 50	6 6 6 6 6 6	1 1 1 1 1 1	6 6 6 6 6 6	10 10 10 10 10 10	1 1 1 1 1 1	1 1 1 1 1 1	090 110 060 060 060 060	03 08 02 02 02 02	30 81 44 24 24 24	94.6 92.5 94.6 93.7 91.2 91.9	+1.9 +1.6 +1.1 +2.7 +2.0 +2.4	51 51 51 51 51 53	49 48 47 47 45 50	5 5 5 5 5 5	7 8 4 4 2 2	7 7 3 3 6 6	1 1 1 1 1 1	1 1 1 1 1 1	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b cmo m crr c r o b	53 53 53 53 53 53	0.0 0.0 0.0 0.0 0.0 0.0	1 1 1 1 1 1							



# Chart of Weather in the Northern Hemisphere.

Mid-day (12h) of

Saturday 10<sup>th</sup> November,

1951.



## EXPLANATION OF CHART

**BAROMETER.** Isobars are drawn for intervals of four millibars.

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

**TEMPERATURE** is given in degrees F.

**CLOUD SYMBOLS** ○ Clear sky ○ Sky 1/8 covered ○ Sky 1/4 covered ○ Sky 1/2 covered ○ Sky 3/4 covered ○ Sky obscured. **WEATHER SYMBOLS** ● Rain falling \* Snow \* Sleet △ Hail ≡ Fog = Mist T Thunder T Thunderstorm

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

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

All times are GMT



# GENERAL INFERENCE.

A depression over Wales is moving west or north west and becoming less deep. In England and Wales clouds will be variable with bright periods in many places this afternoon but also scattered showers chiefly in South and west coastal areas. Fog may form in some places to-night clearing away tomorrow morning. Rain over Southern and Eastern Scotland is spreading westwards and will be followed by mainly dry weather in the South and West but cloudy weather with occasional drizzle in the East and Northeast. In Ireland it will be mainly cloudy with occasional slight rain in places today and tonight and perhaps some fog patches tomorrow morning. Temperatures will show little change.

# FURTHER OUTLOOK

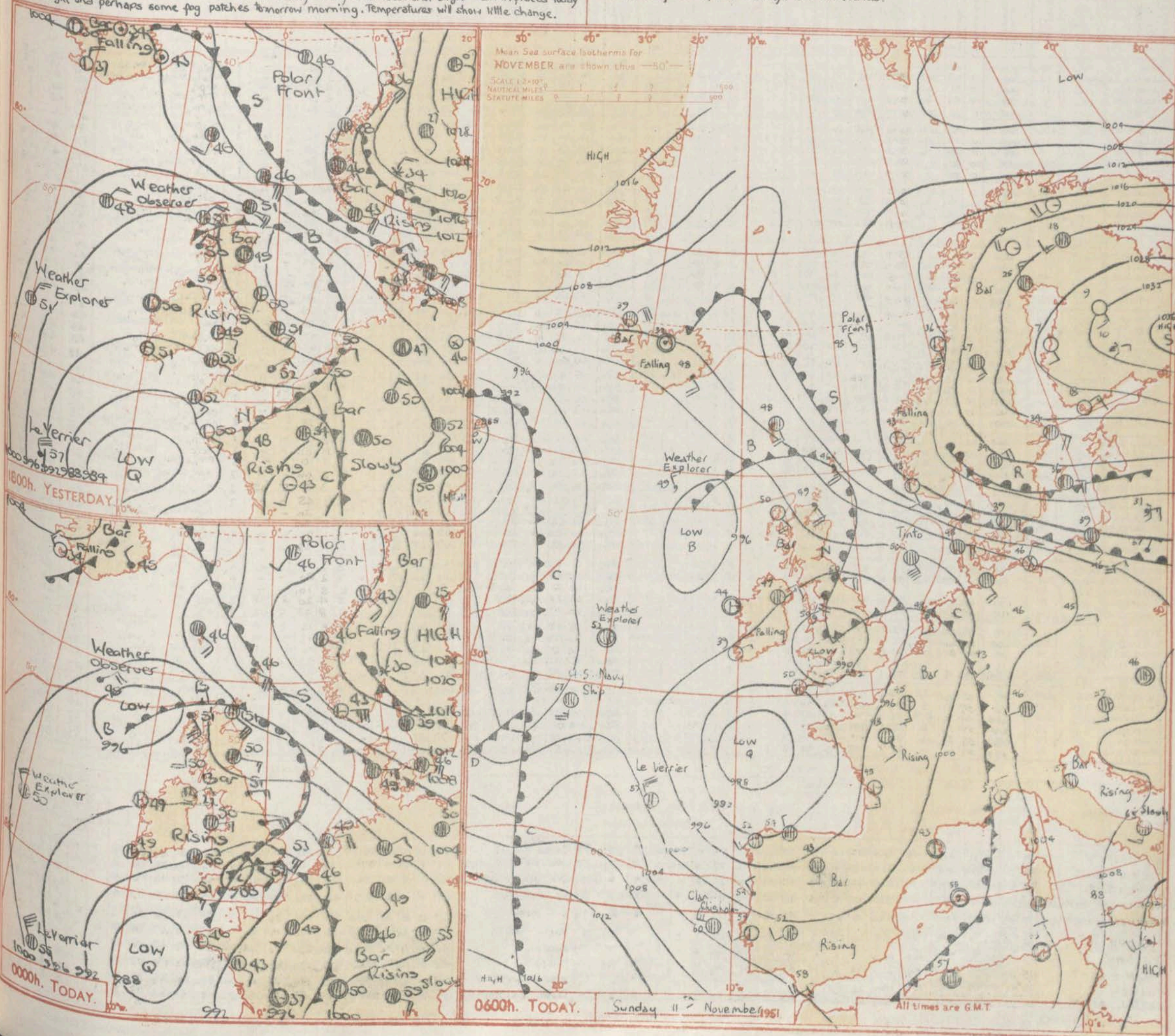
Doubtful: further rain may spread north west.

## Gale warning.

South coasts are flying on the east coast of Scotland between Dornoch Firth and Firth of Forth, also Orkneys and Shetlands.

Mean Sea surface isotherms for NOVEMBER are shown thus —50°—

SCALE 1:25000 NAUTICAL MILES STATUTE MILES









# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue **Monday 12<sup>th</sup> November 1951**

**OBSERVATIONS at 12h. G.M.T. 11<sup>th</sup> November 1951.**

**OBSERVATIONS at 18h. G.M.T. 11<sup>th</sup> November 1951.**

**OBSERVATIONS during DAY**

Station. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.					Wind.			Pressure.		Temp.		Cloud.					31 h. + State of ground	Weather.		Max. Temp. 24h. °F	Sun- shine. (57)	Rain. 24h. inches																																																																																																																																																																																																																																																																																																																																																																											
	Direction (degrees)	Speed (kts.)	Variability		mb.	Change in 3 hrs.	°F.	°C.	Low.	Medium.	High.	Total amount.	0-8 0-8	0-8 0-8	0-8 0-8	Direction (degrees)	Speed (kts.)	Variability	Present Weather.	mb.	Change in 3 hrs.	°F.	°C.	Low.	Medium.		High.	Total amount.				0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-8	0-8 0-

## 12h. Ships' Reports

## 18h. Ships' Reports

Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb.	Wind		Weather	Temp.			Visibility	Cloud					Height of waves ft.			
					Direc.	Speed		Pres.	Past	Air °F		Sea °F	Dew Point	Form				Amount		
														+ Low	+ Med.	+ High			Low	Total
Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb.	Direc.	Speed	Pres.	Past	Air °F	Sea °F	Dew Point	Visibility	+ Low	+ Med.	+ High	Low	Total	Height of waves ft.		
WEATHER OBSERVER	59°0'	15°42'	997	+01	130	06	c	d	51	50	49	95	8	8	-	5	7	5	21	
WEATHER EXPLORER	52°30'	19°54'	996	-07	180	07	c	c	51	54	40	98	5	7	-	3	7	5	5	
POLAR FRONT	66°6'	02°12'	1013	-01	090	08	bc	c	46	47	45	94	5	-	-	5	5	17½		
LE VERRIER	45°0'	16°0'	1001	-01	300	16	o	c	57	61	48	97	8	7	-	6	8	21		
U.S. SHIP "A"	62°0'	33°0'	994	+15	120	18	bc	c	44	49	43	37	7	2	-	7	8	6½		
U.S. SHIP "C"	52°48'	35°18'	1005	+22	310	22	bc	c	40	48	37	80	2	-	-	7	7	6½		
U.S. SHIP "D"	44°6'	41°6'	1023	+14	290	14	bc	c	60	65	44	80	5	-	-	4	4	9½		
CARNALONA	59°0'	15°36'	996	-06	180	05	bc	bc	51	50	51	97	8	-	-	7	7	x		
H.M.S. MAGNIFICENT	50°12'	16°12'	1000	+00	290	15	c	c	58	56	50	98	8	7	-	3	7	x		
CANENA	49°12'	12°6'	997	+14	010	05	b	b	58	57	48	98	1	4	-	1	2	x		
Weather Explorer	52°30'	19°34'	995	+00	200	07	bc	c	48	53	4									
Weather Observer	59°0'	15°42'	996	-07	180	07	c	c	51	54	40	98	5	7	-	3	7			
Polar Front	66°6'	02°12'	1013	-01	090	08	bc	c	46	47	45	94	5	-	-	5	5			
Le Verrier	45°0'	16°0'	997	-01	300	16	o	c	57	61	48	97	8	7	-	6	8			
U.S. Ship "A"	62°0'	33°0'	994	+15	120	18	bc	c	44	49	43	37	7	2	-	7	8			
U.S. Ship "C"	52°48'	35°18'	1005	+22	310	22	bc	c	40	48	37	80	2	-	-	7	7			
U.S. Ship "D"	44°6'	41°6'	1023	+14	290	14	bc	c	60	65	44	80	5	-	-	4	4			
Beaver Lake	51°42'	14°0'	996	-06	180	05	bc	bc	51	50	51	97	8	-	-	7	7			
Ramona Head	56°36'	26°20'	993	+04	290	18	o	bc	46	42	42	98	2	-	-	8	8			
Cavina	49°0'	13°36'	997	+14	010	05	b	b	58	57	48	98	1	4	-	1	2			



# Chart of Weather in the Northern Hemisphere.



Mid-day (12h) of

Sunday 11th November

1951.

Clark's Projection Scale 1 : 4 × 10<sup>6</sup> along meridian at 55° N.  
Statute Miles 0 100 200 300 400 500

## EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS ○ Clear sky ○ Sky 1/8 covered ○ Sky 1/4 covered ○ Sky 1/2 covered ○ Sky 3/4 covered ○ Sky 5/8 covered ○ Sky 7/8 covered ○ Sky obscured.

WEATHER SYMBOLS ● Rain falling \* Snow \* Sleet △ Hail ≡ Fog = Mist T Thunder T Thunderstorm

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

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

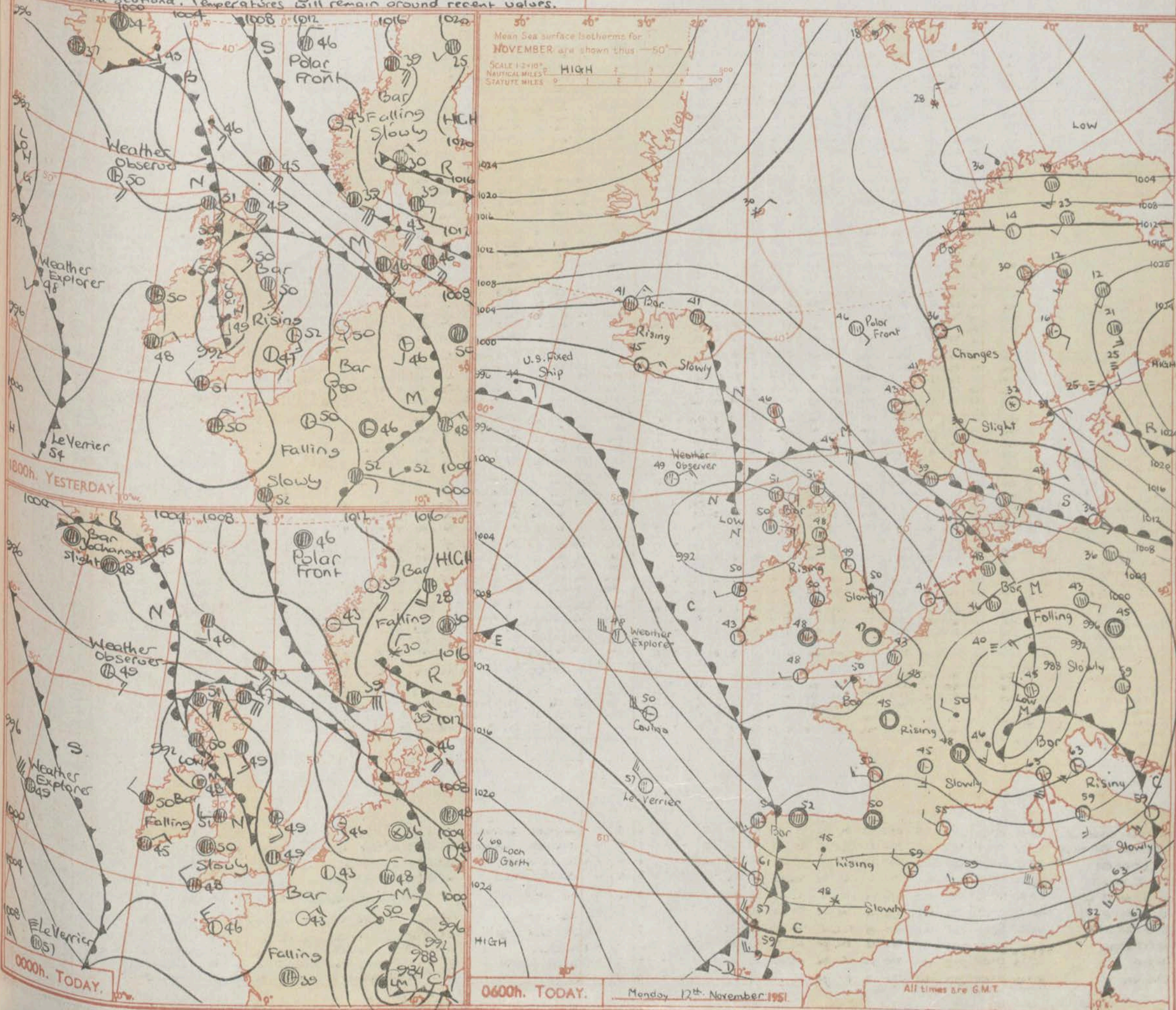
All times are G.M.T.



**GENERAL INFERENCE.**  
A depression centred to the West of Scotland is moving West-northwest and another to the North of the Alps is expected to move Northwest or North-Northwest. In most places today will be mainly dry but a rain area over the Cotswolds will move North across the West Midlands and parts of North Wales, slowly dying out and there may be scattered showers elsewhere. Fog may form in places again tonight. Rain is expected to spread into many Eastern areas of Great Britain later tonight, though some Southeast areas may largely escape, and this rain will subsequently spread East across Northern half of England and Scotland. Temperatures will remain around recent values.

**FURTHER OUTLOOK.**  
Cloudy and rainy in the North. Variable cloud with occasional rain or showers in places in the South.

Mean Sea surface Isotherms for  
**NOVEMBER** are shown thus — 50° —  
SCALE 1:250,000  
NAUTICAL MILES 0 1 2 3 4 5  
STATUTE MILES 0 1 2 3 4 5



0600h. TODAY.

Monday 12th November 1951

All times are G.M.T.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 12th November 1951.

OBSERVATIONS at 06hr. G.M.T. 12th November 1951.

OBSERVATIONS during NIGHT

STATIONS.	Height above M.S.L.	Wind.				Pressure.	Temp.		Cloud.						Wind.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						8h.	Weather.		Temperature		Rel.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Direction (degrees).	Speed (kts.).	Visiblity (miles).	Present Weather.		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Amount.	Main layer.	Lowest layer.			Ht.	Direction (degrees).	Speed (kts.).	Visiblity (miles).	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Amount.	Main layer.	Lowest layer.	Ht.		State of ground.	21h to 03h.	03h to 09h.	Min. °F.		Max. °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
																																						Low.	Medium.	High.	Total.	0-8.	8-16.	16-24.	24-32.	32-40.	40-48.	48-56.	56-64.	64-72.	72-80.	80-88.	88-96.	96-104.	104-112.	112-120.	120-128.	128-136.	136-144.	144-152.	152-160.	160-168.	168-176.	176-184.	184-192.	192-200.	200-208.	208-216.	216-224.	224-232.	232-240.	240-248.	248-256.	256-264.	264-272.	272-280.	280-288.	288-296.	296-304.	304-312.	312-320.	320-328.	328-336.	336-344.	344-352.	352-360.	360-368.	368-376.	376-384.	384-392.	392-400.	400-408.	408-416.	416-424.	424-432.	432-440.	440-448.	448-456.	456-464.	464-472.	472-480.	480-488.	488-496.	496-504.	504-512.	512-520.	520-528.	528-536.	536-544.	544-552.	552-560.	560-568.	568-576.	576-584.	584-592.	592-600.	600-608.	608-616.	616-624.	624-632.	632-640.	640-648.	648-656.	656-664.	664-672.	672-680.	680-688.	688-696.	696-704.	704-712.	712-720.	720-728.	728-736.	736-744.	744-752.	752-760.	760-768.	768-776.	776-784.	784-792.	792-800.	800-808.	808-816.	816-824.	824-832.	832-840.	840-848.	848-856.	856-864.	864-872.	872-880.	880-888.	888-896.	896-904.	904-912.	912-920.	920-928.	928-936.	936-944.	944-952.	952-960.	960-968.	968-976.	976-984.	984-992.	992-1000.	1000-1008.	1008-1016.	1016-1024.	1024-1032.	1032-1040.	1040-1048.	1048-1056.	1056-1064.	1064-1072.	1072-1080.	1080-1088.	1088-1096.	1096-1104.	1104-1112.	1112-1120.	1120-1128.	1128-1136.	1136-1144.	1144-1152.	1152-1160.	1160-1168.	1168-1176.	1176-1184.	1184-1192.	1192-1200.	1200-1208.	1208-1216.	1216-1224.	1224-1232.	1232-1240.	1240-1248.	1248-1256.	1256-1264.	1264-1272.	1272-1280.	1280-1288.	1288-1296.	1296-1304.	1304-1312.	1312-1320.	1320-1328.	1328-1336.	1336-1344.	1344-1352.	1352-1360.	1360-1368.	1368-1376.	1376-1384.	1384-1392.	1392-1400.	1400-1408.	1408-1416.	1416-1424.	1424-1432.	1432-1440.	1440-1448.	1448-1456.	1456-1464.	1464-1472.	1472-1480.	1480-1488.	1488-1496.	1496-1504.	1504-1512.	1512-1520.	1520-1528.	1528-1536.	1536-1544.	1544-1552.	1552-1560.	1560-1568.	1568-1576.	1576-1584.	1584-1592.	1592-1600.	1600-1608.	1608-1616.	1616-1624.	1624-1632.	1632-1640.	1640-1648.	1648-1656.	1656-1664.	1664-1672.	1672-1680.	1680-1688.	1688-1696.	1696-1704.	1704-1712.	1712-1720.	1720-1728.	1728-1736.	1736-1744.	1744-1752.	1752-1760.	1760-1768.	1768-1776.	1776-1784.	1784-1792.	1792-1800.	1800-1808.	1808-1816.	1816-1824.	1824-1832.	1832-1840.	1840-1848.	1848-1856.	1856-1864.	1864-1872.	1872-1880.	1880-1888.	1888-1896.	1896-1904.	1904-1912.	1912-1920.	1920-1928.	1928-1936.	1936-1944.	1944-1952.	1952-1960.	1960-1968.	1968-1976.	1976-1984.	1984-1992.	1992-2000.	2000-2008.	2008-2016.	2016-2024.	2024-2032.	2032-2040.	2040-2048.	2048-2056.	2056-2064.	2064-2072.	2072-2080.	2080-2088.	2088-2096.	2096-2104.	2104-2112.	2112-2120.	2120-2128.	2128-2136.	2136-2144.	2144-2152.	2152-2160.	2160-2168.	2168-2176.	2176-2184.	2184-2192.	2192-2200.	2200-2208.	2208-2216.	2216-2224.	2224-2232.	2232-2240.	2240-2248.	2248-2256.	2256-2264.	2264-2272.	2272-2280.	2280-2288.	2288-2296.	2296-2304.	2304-2312.	2312-2320.	2320-2328.	2328-2336.	2336-2344.	2344-2352.	2352-2360.	2360-2368.	2368-2376.	2376-2384.	2384-2392.	2392-2400.	2400-2408.	2408-2416.	2416-2424.	2424-2432.	2432-2440.	2440-2448.	2448-2456.	2456-2464.	2464-2472.	2472-2480.	2480-2488.	2488-2496.	2496-2504.	2504-2512.	2512-2520.	2520-2528.	2528-2536.	2536-2544.	2544-2552.	2552-2560.	2560-2568.	2568-2576.	2576-2584.	2584-2592.	2592-2600.	2600-2608.	2608-2616.	2616-2624.	2624-2632.	2632-2640.	2640-2648.	2648-2656.	2656-2664.	2664-2672.	2672-2680.	2680-2688.	2688-2696.	2696-2704.	2704-2712.	2712-2720.	2720-2728.	2728-2736.	2736-2744.	2744-2752.	2752-2760.	2760-2768.	2768-2776.	2776-2784.	2784-2792.	2792-2800.	2800-2808.	2808-2816.	2816-2824.	2824-2832.	2832-2840.	2840-2848.	2848-2856.	2856-2864.	2864-2872.	2872-2880.	2880-2888.	2888-2896.	2896-2904.	2904-2912.	2912-2920.	2920-2928.	2928-2936.	2936-2944.	2944-2952.	2952-2960.	2960-2968.	2968-2976.	2976-2984.	2984-2992.	2992-3000.	3000-3008.	3008-3016.	3016-3024.	3024-3032.	3032-3040.	3040-3048.	3048-3056.	3056-3064.	3064-3072.	3072-3080.	3080-3088.	3088-3096.	3096-3104.	3104-3112.	3112-3120.	3120-3128.	3128-3136.	3136-3144.	3144-3152.	3152-3160.	3160-3168.	3168-3176.	3176-3184.	3184-3192.	3192-3200.	3200-3208.	3208-3216.	3216-3224.	3224-3232.	3232-3240.	3240-3248.	3248-3256.	3256-3264.	3264-3272.	3272-3280.	3280-3288.	3288-3296.	3296-3304.	3304-3312.	3312-3320.	3320-3328.	3328-3336.	3336-3344.	3344-3352.	3352-3360.	3360-3368.	3368-3376.	3376-3384.	3384-3392.	3392-3400.	3400-3408.	3408-3416.	3416-3424.	3424-3432.	3432-3440.	3440-3448.	3448-3456.	3456-3464.	3464-3472.	3472-3480.	3480-3488.	3488-3496.	3496-3504.	3504-3512.	3512-3520.	3520-3528.	3528-3536.	3536-3544.	3544-3552.	3552-3560.	3560-3568.	3568-3576.	3576-3584.	3584-3592.	3592-3600.	3600-3608.	3608-3616.	3616-3624.	3624-3632.	3632-3640.	3640-3648.	3648-3656.	3656-3664.	3664-3672.	3672-3680.	3680-3688.	3688-3696.	3696-3704.	3704-3712.	3712-3720.	3720-3728.	3728-3736.	3736-3744.	3744-3752.	3752-3760.	3760-3768.	3768-3776.	3776-3784.	3784-3792.	3792-3800.	3800-3808.	3808-3816.	3816-3824.	3824-3832.	3832-3840.	3840-3848.	3848-3856.	3856-3864.	3864-3872.	3872-3880.	3880-3888.	3888-3896.	3896-3904.	3904-3912.	3912-3920.	3920-3928.	3928-3936.	3936-3944.	3944-3952.	3952-3960.	3960-3968.	3968-3976.	3976-3984.	3984-3992.	3992-4000.	4000-4008.	4008-4016.	4016-4024.	4024-4032.	4032-4040.	4040-4048.	4048-4056.	4056-4064.	4064-4072.	4072-4080.	4080-4088.	4088-4096.	4096-4104.	4104-4112.	4112-4120.	4120-4128.	4128-4136.	4136-4144.	4144-4152.	4152-4160.	4160-4168.	4168-4176.	4176-4184.	4184-4192.	4192-4200.	4200-4208.	4208-4216.	4216-4224.	4224-4232.	4232-4240.	4240-4248.	4248-4256.	4256-4264.	4264-4272.	4272-4280.	4280-4288.	4288-4296.	4296-4304.	4304-4312.	4312-4320.	4320-4328.	4328-4336.	4336-4344.	4344-4352.	4352-4360.	4360-4368.	4368-4376.	4376-4384.	4384-4392.	4392-4400.	4400-4408.	4408-4416.	4416-4424.	4424-4432.	4432-4440.	4440-4448.	4448-44



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Tuesday 13th November, 1951

OBSERVATIONS at 12h. G.M.T. 12th November, 1951

OBSERVATIONS at 18h. G.M.T. 12th November, 1951

OBSERVATIONS during DAY

STATIONS. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.						Wind.			Present Weather.	Pressure.		Temp.		Cloud.						21 h. State of ground.	Weather.		Max. Temp. 09h.-21h. °F.	Sun-shine. 21h. °h.	Rain 09h.-21h. mm.																																																																																																																																																																		
	Direction (degrees).	Speed (kts.).	Visibility.		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Visibility.	Bar at M.S.L.		Change in 3 hrs.	Dry Bulb.	Dew point.	Form.			Main layer.	Lowest layer.																																																																																																																																																																										
									Low.	Medium.	High.											Total amount.	Low.	Medium.			High.	Total amount.																																																																																																																																																																								
																														0-8	8-16				16-32	32-64	64-128	128-256	256-512	512-1024	1024-2048	2048-4096	4096-8192	8192-16384	16384-32768	32768-65536	65536-131072	131072-262144	262144-524288	524288-1048576	1048576-2097152	2097152-4194304	4194304-8388608	8388608-16777216	16777216-33554432	33554432-67108864	67108864-134217728	134217728-268435456	268435456-536870912	536870912-1073741824	1073741824-2147483648	2147483648-4294967296	4294967296-8589934592	8589934592-17179869184	17179869184-34359738368	34359738368-68719476736	68719476736-137438953472	137438953472-274877906944	274877906944-549755813888	549755813888-1099511627776	1099511627776-2199023255552	2199023255552-4398046511104	4398046511104-8796093022208	8796093022208-17592186044416	17592186044416-35184372088832	35184372088832-70368744177664	70368744177664-140737488355328	140737488355328-281474976710656	281474976710656-562949953421312	562949953421312-1125899906842624	1125899906842624-2251799813685248	2251799813685248-4503599627370496	4503599627370496-9007199254740992	9007199254740992-18014398509481984	18014398509481984-36028797018963968	36028797018963968-72057594037927936	72057594037927936-144115188075855872	144115188075855872-288230376151711744	288230376151711744-576460752303423488	576460752303423488-1152921504606846976	1152921504606846976-2305843009213693952	2305843009213693952-4611686018427387904	4611686018427387904-9223372036854775808	9223372036854775808-18446744073709551616	18446744073709551616-36893488147419103232	36893488147419103232-73786976294838206464	73786976294838206464-147573952589676412928	147573952589676412928-295147905179352825856	295147905179352825856-590295810358705651712	590295810358705651712-1180591620717411303424	1180591620717411303424-2361183241434822606848	2361183241434822606848-4722366482869645213696	4722366482869645213696-9444732965739290427392	9444732965739290427392-18889465931478580854784	18889465931478580854784-37778931862957161709568	37778931862957161709568-75557863725914323419136	75557863725914323419136-151115727451828646838272	151115727451828646838272-302231454903657293676544	302231454903657293676544-604462909807314587353088	604462909807314587353088-1208925819614629174706176	1208925819614629174706176-2417851639229258349412352	2417851639229258349412352-4835703278458516698824704	4835703278458516698824704-9671406556917033397649408	9671406556917033397649408-19342813113834066795298816	19342813113834066795298816-38685626227668133590597632	38685626227668133590597632-77371252455336267181195264	77371252455336267181195264-154742504910672534362390528	154742504910672534362390528-309485009821345068724781056	309485009821345068724781056-618970019642690137449562112	618970019642690137449562112-1237940039285380274899142224	1237940039285380274899142224-2475880078570760549798284448	2475880078570760549798284448-4951760157141521099596568896	4951760157141521099596568896-9903520314283042199193137792	9903520314283042199193137792-19807040628566084398386275584	19807040628566084398386275584-39614081257132168796772551168	39614081257132168796772551168-79228162514264337593545102336	79228162514264337593545102336-158456325028528675187090204672	158456325028528675187090204672-316912650057057350374180409344	316912650057057350374180409344-633825300114114700748360818688	633825300114114700748360818688-1267650600228229401496721637376	1267650600228229401496721637376-2535301200456458802993443274752	2535301200456458802993443274752-5070602400912917605986886549504	5070602400912917605986886549504-10141204801825835211973773099008	10141204801825835211973773099008-20282409603651670423947546198016	20282409603651670423947546198016-40564819207303340847895092396032	40564819207303340847895092396032-81129638414606681695790184792064	81129638414606681695790184792064-162259276829213363391583699680128	162259276829213363391583699680128-324518553658426726783167399360256	324518553658426726783167399360256-649037107316853453566334798720512	649037107316853453566334798720512-12980742146337090671326695974401024	12980742146337090671326695974401024-25961484292674181342653391948802048	25961484292674181342653391948802048-5192296858534836268530678397604096	5192296858534836268530678397604096-10384593717069672537061357679208192	10384593717069672537061357679208192-20769187434139345074122715358416384	20769187434139345074122715358416384-41538374868278690148245430716832768	41538374868278690148245430716832768-83076749736557380296490861433665536	83076749736557380296490861433665536-166153499473114760592981722867311072	166153499473114760592981722867311072-3323069989462295211859634457346222144	3323069989462295211859634457346222144-664613997892459042371926891462444288	664613997892459042371926891462444288-132922799578491808474385378292488864	132922799578491808474385378292488864-265845599156983616948770756584977728	265845599156983616948770756584977728-531691198313967233897541513169955456	531691198313967233897541513169955456-1063382396627934467795083026339910912	1063382396627934467795083026339910912-2126764793255868935590166052679821824	2126764793255868935590166052679821824-4253529586511737871180332105359643648	4253529586511737871180332105359643648-8507059173023475742360664106719928736	8507059173023475742360664106719928736-170141183460469514847213282134397472	170141183460469514847213282134397472-340282366920939029694426564268794848	340282366920939029694426564268794848-680564733841878059388853128537569696	680564733841878059388853128537569696-136112946768375611877770625667075139392	136112946768375611877770625667075139392-272225893536751223755541251334102778784	272225893536751223755541251334102778784-54445178707350244751108250266820555776	54445178707350244751108250266820555776-10889035741470048950221650053364111115552	10889035741470048950221650053364111115552-21778071482940097900443300106682222211104	2177807148294009790044330010668222211104-435561429658801958008866002133644442222208	43556142965880195800886600213364444222208-871122859317603916017732004266888884444416	87112285931760391601773200426688888444416-174224571863520783203546400853377777888832	17422457186352078320354640085337777888832-34844914372704156640719280170675555777776	3484491437270415664071928017067555577776-6968982874540831328143556034135111111111104	6968982874540831328143556034135111111111104-1393796574908166265628712006826222222222208	1393796574908166265628712006826222222222208-2787593149816332531257424013652444444444416	2787593149816332531257424013652444444444416-5575186299632665062514848027304888888888832	557518629963266506251484802730488888888832-11150372599265330125229696054617777777776	11150372599265330125229696054617777777776-22300745198530660250453792109355555555552	22300745198530660250453792109355555555552-44601490397061320500907582181711111111104	44601490397061320500907582181711111111104-89202980794122641001815164363422222222208	89202980794122641001815164363422222222208-17840596158824528200363032726844444444416	17840596158824528200363032726844444444416-35681192317649056400726065453688888888832	35681192317649056400726065453688888888832-7136238463529811280145213090737777777776	7136238463529811280145213090737777777776-14272476927059622560290426181455555555552	14272476927059622560290426181455555555552-28544953854119245120580852362911111111104	28544953854119245120580852362911111111104-57089907708238490241161047125822222222208	57089907708238490241161047125822222222208-114179815416476980482322134225144444444416	114179815416476980482322134225144444444416-22835963083295396096464426845028888888832	22835963083295396096464426845028888888832-4567192616659079219292885369005777777776	4567192616659079219292885369005777777776-91343852333181584385857707380115555555552	91343852333181584385857707380115555555552-18268770466636316877171541476022222222208	18268770466636316877171541476022222222208-36537540933272633754343082952044444444416	36537540933272633754343082952044444444416-73075081866545267508686165904088888888832	73075081866545267508686165904088888888832-1461501637330905350173723118007777777776	1461501637330905350173723118007777777776-29230032746618107003474462360155555555552	29230032746618107003474462360155555555552-58460065493236214006948924720311111111104	58460065493236214006948924720311111111104-116920130986472428013897849440622222222208	116920130986472428013897849440622222222208-23384026197294485602779569888124444444416	23384026197294485602779569888124444444416-46768052394588971200555917777648888888832	46768052394588971200555917777648888888832-9353610478917794240111183555555555552

## 12h. Ships' Reports

## 18h. Ships' Reports

Ship	Lat. N.	Long. W.	Bar. mb.	Change in 3 hours 0.1 mb.	Wind		Weather		Temp.			Visibility.	Cloud					Height of waves ft.
					Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew point °F		Form			Amount		
													Low	Med.	High			
																	Low	
WEATHER EXPLORER	52° 30'	19° 48'	999	+10	300	28	bc	bc	49	53	38	98	2	-	3	4	4	9'
WEATHER OBSERVER	59° 0'	16° 0'	993	-05	030	14	cl	r	50	50	49	97	6	2	-	6	8	6'
LE VERRIER	66° 18'	0° 54'	1009	+00	140	01	c	c	46	46	45	99	6	4	2	4	7	17
U.S. SHIP "A"	45° 0'	16° 0'	1013	+18	310	30	bc	c	59	59	45	97	8	-	-	4	5	11
U.S. SHIP "C"	62° 0'	33° 0'	989	+12	080	21	fo	r	42	46	"	55	7	-	-	8	8	8
U.S. SHIP "D"	52° 48'	35° 30'	1012	+17	270	22	jp	pr	45	49	34	80	2	-	-	5	5	6 1/2
WARKWORTH	44° 6'	41° 18'	1016	-25	160	25	o	c	64	62	52	80	1	7	-	1	6	6 1/2
TRELYON	49° 24'	30° 48'	1015	+34	300	18	bc	bc	52	52	41	99	1	-	-	4	5	6 1/2
CAYANA	43° 18'	10° 36'	1009	+26	310	21	bc	bc	57	60	47	98	3	7	-	3	4	-
	48° 0'	17° 48'	1006	-	270	20	pr	bc	53	57	47	97	7	2	-	6	8	8
	58° 54'	16° 6'	991	-07	060	23	o	r	49	50	45	98	6	1	-	9	8	1
WEATHER OBSERVER	52° 42'	19° 48'	1001	+21	300	30	bc	pr	47	53	42	98	8	-	-	8	3	14
LE VERRIER	45° 0'	16° 0'	1011	-06	270	44	f/pr	pr	57	59	54	97	8	-	-	6	7	13 1/2
POLAR FRONT	66° 6'	02° 0'	1009	+00	180	02	o	d	45	46	43	98	6	-	-	8	8	17 1/2
U.S. SHIP "A"	62° 0'	33° 0'	1001	+13	230	08	fo	c	40	50	38	80	2	7	-	5	8	5
U.S. SHIP "C"	52° 48'	35° 30'	1012	+05	270	09	b	bc	44	50	37	80	2	-	-	1	2	6 1/2
U.S. SHIP "D"	44° 6'	41° 0'	1001	-88	190	33	fo	r	66	62	64	37	7	-	-	8	8	17 1/2
MANCHESTER REGIMENT	56° 18'	19° 42'	995	+20	320	17	o/r	r	48	51	44	98	8	-	-	8	8	6 1/2
TRELYON	41° 54'	16° 36'	1015	+20	300	21	b/q	bc	58	60	46	98	2	7	-	1	2	8
WARKWORTH	49° 30'	31° 30'	1017	+12	260	05	bc	bc	50	57	39	99	4	4	9	3	3	8

† CLOUD AMOUNT in eighths (9=sky obscured). CLOUD HEIGHT 01-80 in 100's of feet. VISIBILITY 01-80 in eighths of a mile, X1-X9 in 1/80ths of a mile. For higher numbers and codes for cloud form and state of ground see Introduction.

\* Information not usually received.

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



## Chart of Weather in the Northern Hemisphere.



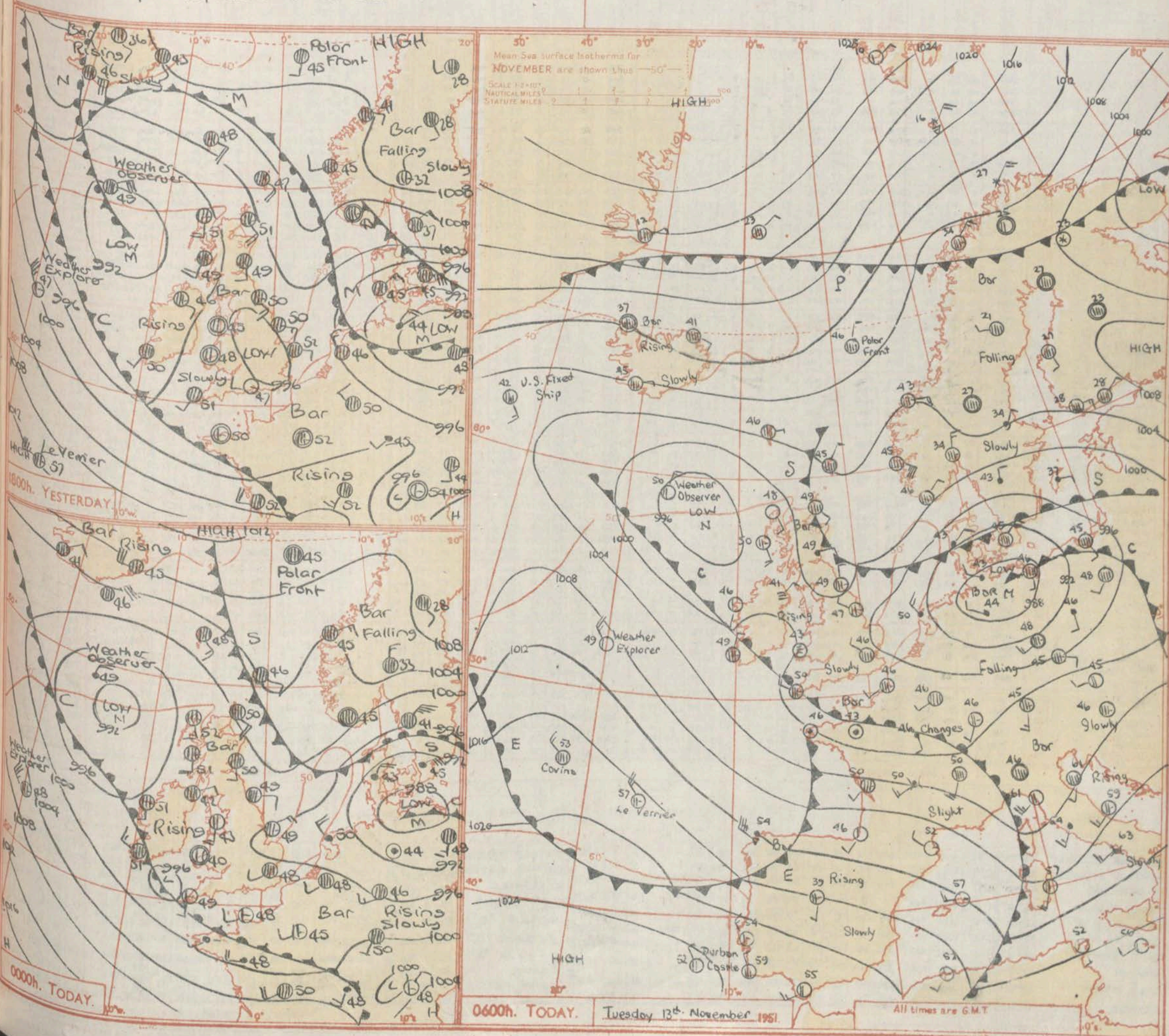


## GENERAL INFERENCE.

A complex area of low pressure covers the British Isles. In most central and eastern districts it will be cloudy, with light rain or drizzle in places, and with fog here and there at night and in the morning. In western districts there will be bright periods and scattered showers during the day, with some fog patches at night. Temperatures will be about normal.

## FURTHER OUTLOOK.

Some bright periods in most districts, but with occasional rain or showers here and there. More continuous rain may spread to western districts later.





HMSQ Prev. MD, Donstable



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Wednesday 14th November, 1951

OBSERVATIONS at 12h. G.M.T. 13th November 1951

OBSERVATIONS at 18h. G.M.T. 13th November 1951

OBSERVATIONS during DAY

Station.	OBSERVATIONS at 12h. G.M.T. 13th November 1951										OBSERVATIONS at 18h. G.M.T. 13th November 1951										OBSERVATIONS during DAY									
	Wind.		+ Precip. Weather.	Pressure.		Temp.		Cloud.				Wind.		+ Precip. Weather.	Pressure.		Temp.		Cloud.				21 h.		Weather.	Max. Temp. 09h.- 21h. °F.	Sun- shine. °F.	Rain 09h.- 21h. mm.		
	Direction (degrees).	Speed (kts.).		Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.	Main layer.	Lowest layer.	+ Ht.	Direction (degrees).	Speed (kts.).		Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.	Main layer.	Lowest layer.	+ Ht.	State of ground.							
		(1)											(2)										(3)	(4)					(5)	(6)
(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)		
Kew	360	03	16	c	00.4	+1.4	52	46	5	5	7	7	-	4	30	320	04	09	c	03.7	+1.7	49	44	6	-	-	-	-		
London Airport	320	05	20	c	00.4	+1.4	52	48	5	5	7	7	-	4	30	290	06	20	bc	03.8	+1.9	47	43	5	4	-	-	-		
Lymington	330	04	16	c	00.5	+1.4	49	48	8	4	6	4	25	-	0.8	320	08	20	c	02.2	+1.7	47	43	5	4	-	-	-		
Tangmere	330	08	24	c	00.6	+1.0	51	47	5	3	8	6	2	15	-	340	06	16	c	03.3	+2.1	49	46	6	-	-	-	-		
Cashot	330	10	16	c	00.8	+0.8	47	45	6	1	7	7	14	4	0.4	340	11	20	c	03.3	+1.7	49	46	6	-	-	-	-		
Boscombe Down	310	05	20	o	01.5	+1.0	47	45	6	1	7	7	14	4	0.4	310	06	07	o	04.8	+1.9	46	43	5	4	-	-	-		
Felixstowe	330	08	48	o	08.7	+1.0	52	48	5	7	1	1	1	1	1	300	08	20	c	01.7	+1.8	49	48	5	4	-	-	-		
Corleston	330	08	56	o	07.9	+1.1	51	49	7	7	1	1	1	1	1	340	06	02	13	00.3	+1.2	48	46	7	2	-	-	-		
West Raynham	340	13	18	o/d	08.9	+1.0	49	47	6	1	7	7	14	4	0.4	310	08	24	13	01.6	+1.1	48	48	5	4	-	-	-		
Mildenhall	330	08	34	o	09.7	+1.2	50	48	6	1	7	7	14	4	0.4	310	06	24	13	01.6	+1.1	48	48	5	4	-	-	-		
Cranfield	360	02	64	c	00.8	+1.6	48	43	6	8	-	6	5	25	4	0.8	300	02	24	c	03.6	+1.6	48	44	5	-	-	-	-	
Elmdon	360	06	10	o	01.4	+1.3	48	45	6	6	-	7	6	07	2	0.3	310	06	03	bc	04.7	+1.7	45	43	5	-	-	-	-	
Collesmore	320	08	07	o/p	00.8	+1.2	46	46	6	5	-	8	8	01	-	-	330	06	05	o	03.3	+1.5	45	46	6	-	-	-	-	
Watnall	250	08	11	o	01.1	+0.9	49	46	5	1	-	8	8	18	-	-	310	06	05	o	04.3	+1.7	45	45	6	-	-	-	-	
Ross-on-Wye	230	01	80	c	01.9	+1.0	45	43	6	2	7	6	15	-	-	210	01	24	c	05.4	+1.0	47	44	5	-	-	-	-		
Shawbury	320	08	11	c	01.4	+0.7	48	47	6	-	8	7	25	4	0.8	310	08	07	c	04.9	+1.7	48	46	5	-	-	-	-		
Bratton	290	05	40	c	01.5	+0.7	49	45	5	7	-	7	7	81	-	-	0	04	09	bc	05.3	+1.3	48	45	5	-	-	-	-	
Plymouth	230	03	08	b	02.1	+1.1	51	46	2	-	-	7	1	25	-	-	0	04	09	bc	05.3	+1.3	48	45	5	-	-	-	-	
Chivenor	230	03	24	b	02.4	+0.9	45	45	5	-	-	2	2	25	-	-	0	04	09	bc	05.3	+1.3	48	45	5	-	-	-	-	
St. Eval	110	03	24	b	02.4	+0.9	45	45	5	-	-	2	2	25	-	-	0	04	09	bc	05.3	+1.3	48	45	5	-	-	-	-	
Cardross	-	0	81	bc	02.6	+1.5	55	49	2	3	2	4	3	18	-	-	020	02	01	b	06.4	+1.7	47	45	2	-	-	-	-	
Scilly, St. Mary's	290	07	81	c	02.3	+2.0	53	50	8	7	2	6	3	20	-	-	010	02	01	b	05.3	+1.5	52	51	2	-	-	-	-	
Guernsey	320	12	81	c/p	02.5	+2.1	54	48	8	7	2	7	7	15	-	-	330	07	02	bc	06.7	+2.3	47	43	5	-	-	-	-	
Aberporth	300	04	82	bc	01.8	+1.1	52	48	8	7	-	7	4	35	-	-	330	06	02	bc	06.7	+2.3	47	43	5	-	-	-	-	
Pembroke Dock	-	0	81	bc	02.6	+1.2	51	47	8	-	-	2	2	40	-	-	330	07	01	bc	06.0	+2.2	47	44	2	-	-	-	-	
Holyhead (Valley)	-	0	48	b	03.1	+1.6	50	47	2	-	-	1	1	21	-	-	260	02	00	b	06.5	+2.0	48	46	2	-	-	-	-	
Manchester	020	0	11	bc	02.5	+1.5	53	49	8	-	-	5	2	45	-	-	020	03	24	bc	05.2	+1.4	44	42	5	-	-	-	-	
Squires Gate	230	05	09	b/f	01.2	+0.8	48	43	5	-	-	2	1	30	-	-	310	06	07	c	04.4	+1.7	48	43	5	-	-	-	-	
Silth	040	02	32	bc	03.1	+1.5	49	46	-	3	-	3	3	-	-	-	290	06	07	c	04.3	+1.4	49	45	5	-	-	-	-	
Finnigley	040	02	32	bc	03.1	+1.5	49	46	-	3	-	3	3	-	-	-	270	02	24	bc	04.8	+1.1	48	45	5	-	-	-	-	
Spurn Head	340	05	20	o	00.8	+1.0	49	47	6	-	-	8	8	30	4	0.4	340	07	15	bc	03.4	+1.4	48	48	5	-	-	-	-	
Dunbar	360	12	32	id	00.3	+1.5	49	49	3	-	-	7	7	15	-	-	320	12	40	c	02.3	+1.2	48	46	2	-	-	-	-	
Tynemouth	350	10	13	o	01.3	+0.6	49	47	6	-	-	8	5	30	6	0.6	330	07	16	o	04.1	+1.7	48	46	2	-	-	-	-	
Leith	020	05	56	o/d	02.0	+0.7	48	46	8	-	-	8	8	28	1	0.5	320	07	16	o	04.2	+1.1	48	46	2	-	-	-	-	
Edinburgh	060	04	28	id	02.7	+0.7	49	49	6	-	-	8	8	35	-	-	290	04	40	o	04.2	+0.9	47	46	2	-	-	-	-	
Edinburgh	070	05	80	bc	02.3	+0.9	49	45	8	-	-	7	3	36	4	1.8	1	04	00	c	04.8	+1.1	48	45	5	-	-	-	-	
Prestwick	-	0	32	bc	03.2	+1.1	49	45	5	3	-	5	5	70	2	5.0	190	08	06	o	05.4	+1.0	47	43	5	-	-	-	-	
West Freugh	020	02	16	o	02.5	+1.3	48	47	5	7	-	8	5	35	-	-	1	00	06	o	05.6	+1.0	47	43	5	-	-	-	-	
Ronaldsway	060	05	56	c	02.4	+1.3	51	47	1	-	-	7	7	18	-	-	290	08	06	o	05.2	+1.4	47	43	5	-	-	-	-	
Tree	170	10	81	bc	02.4	+1.6	52	47	8	-	-	4	4	22	-	-	190	08	08	o	04.2	+0.9	47	43	5	-	-	-	-	
Benbecula	170	11	81	bc	01.9	+1.0	52	47	8	3	-	5	4	60	-	-	160	06	08	o	03.5	+0.6	48	46	2	-	-	-	-	
Stornoway	180	08	80	b	02.8	+1.2	52	46	5	4	-	2	2	40	-	-	0	08	03	bc	04.3	+1.0	49	48	5	-	-	-	-	
Cape Wrath	140	02	82	bc	02.0	+0.2	51	46	5	-	-	4	4	30	-	-	0	08	03	bc	04.3	+1.0	49	48	5	-	-	-	-	
Sole Skerry	140	09	81	c	03.4	+1.0	50	48	7	-	-	7	7	10	-	-	0	08	03	bc	04.3	+1.0	49							



## Chart of Weather in the Northern Hemisphere.





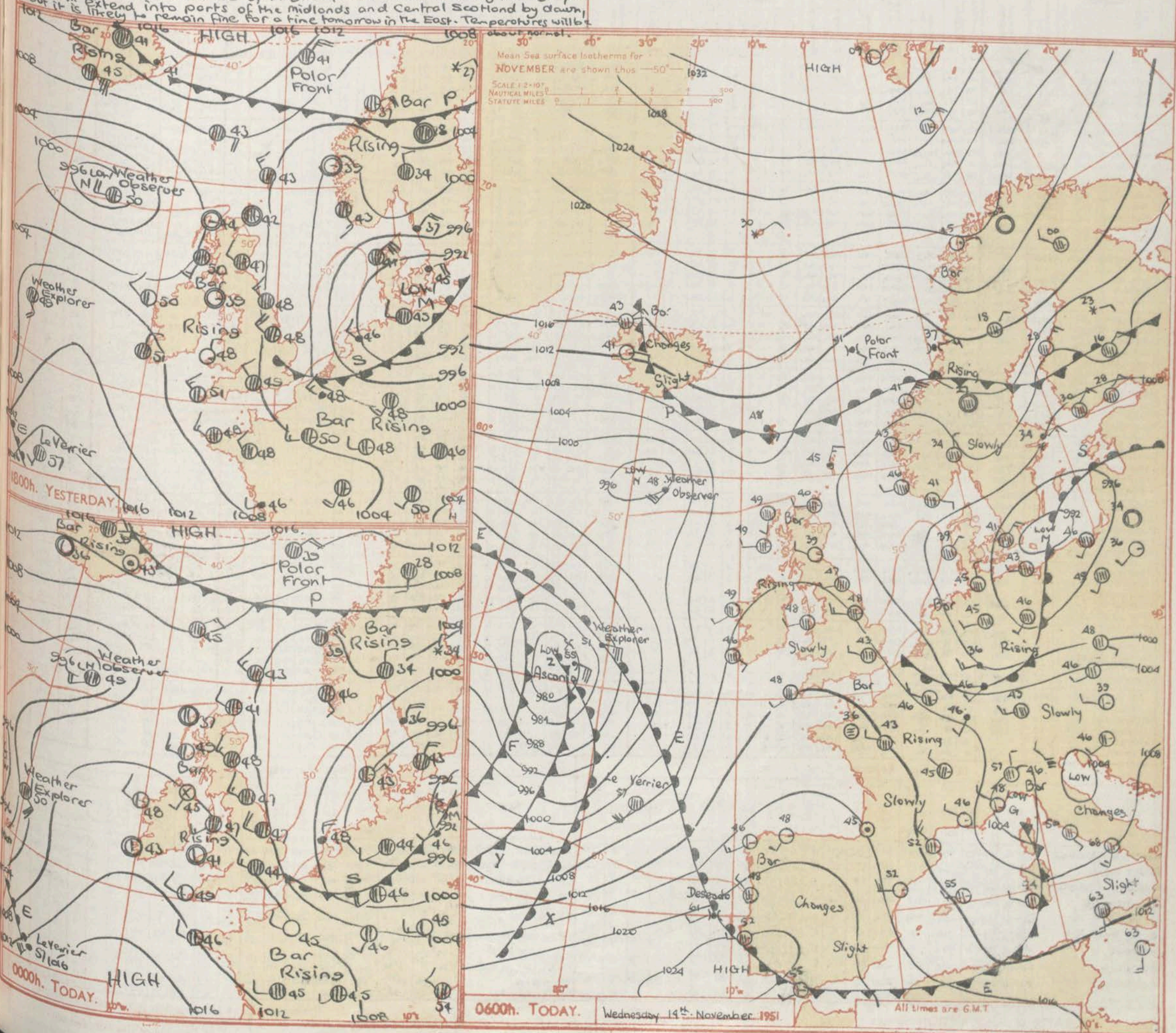
A ridge of high pressure is moving east across the British Isles, and will be followed by a trough of low pressure. Bright periods are expected today in all districts after the clearance of fog patches this morning, though there may be a few showers in the West and North. Fog will form in the early part of tonight in Central and Eastern districts of England, but may clear towards dawn. Rain is expected to spread from the West across Ireland to reach many Western districts of England, Wales and Scotland by midnight, and this will extend into parts of the Midlands and Central Scotland by dawn, but it is likely to remain fine for a time tomorrow in the East. Temperatures will be about normal.

GENERAL INFERENCE.

Rain spreading east, followed by some bright periods in the West. Normal temperatures.

FURTHER OUTLOOK.

South cone flying west of a line Lynton to Exmouth.





# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 14th November 1951

OBSERVATIONS at 06hr. G.M.T. 14th November 1951

OBSERVATIONS during NIGHT

Stations.	Height above M.S.L.	Wind.				Pressure.	Temp.	Cloud.								Wind.	Speed (kts.)	Variability	Pressure.	Temp.	Cloud.								9h.	Weather.		Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Direction (degrees)	Speed (kts.)	+	Precip.			Bar at M.S.L.	Change in 3 hrs.	Form.				Bar at M.S.L.	Change in 3 hrs.						Dry Bulb	Dew point	Form.				Bar at M.S.L.	Change in 3 hrs.		Dry Bulb	Dew point	State of ground	Miles to 03h.	03h to 09h.	Min. °F.	Max. °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Thursday 15<sup>th</sup> November 1951

OBSERVATIONS at 12h. G.M.T. 14<sup>th</sup> November 1951.

OBSERVATIONS at 18h. G.M.T. 14<sup>th</sup> November 1951.

OBSERVATIONS during DAY

Stations. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.			Wind.			Temp.		Cloud.			21 h. State of ground.	Weather.		Max. Temp. 24h. (°F.)	Sun- shine. 24h. (h. m.)	Rain 24h. (in.)
	Direction (degrees).	Speed (kts.).	+ - -		mb.	Change in 3 hrs.	°F.	°F.	Low- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - 																

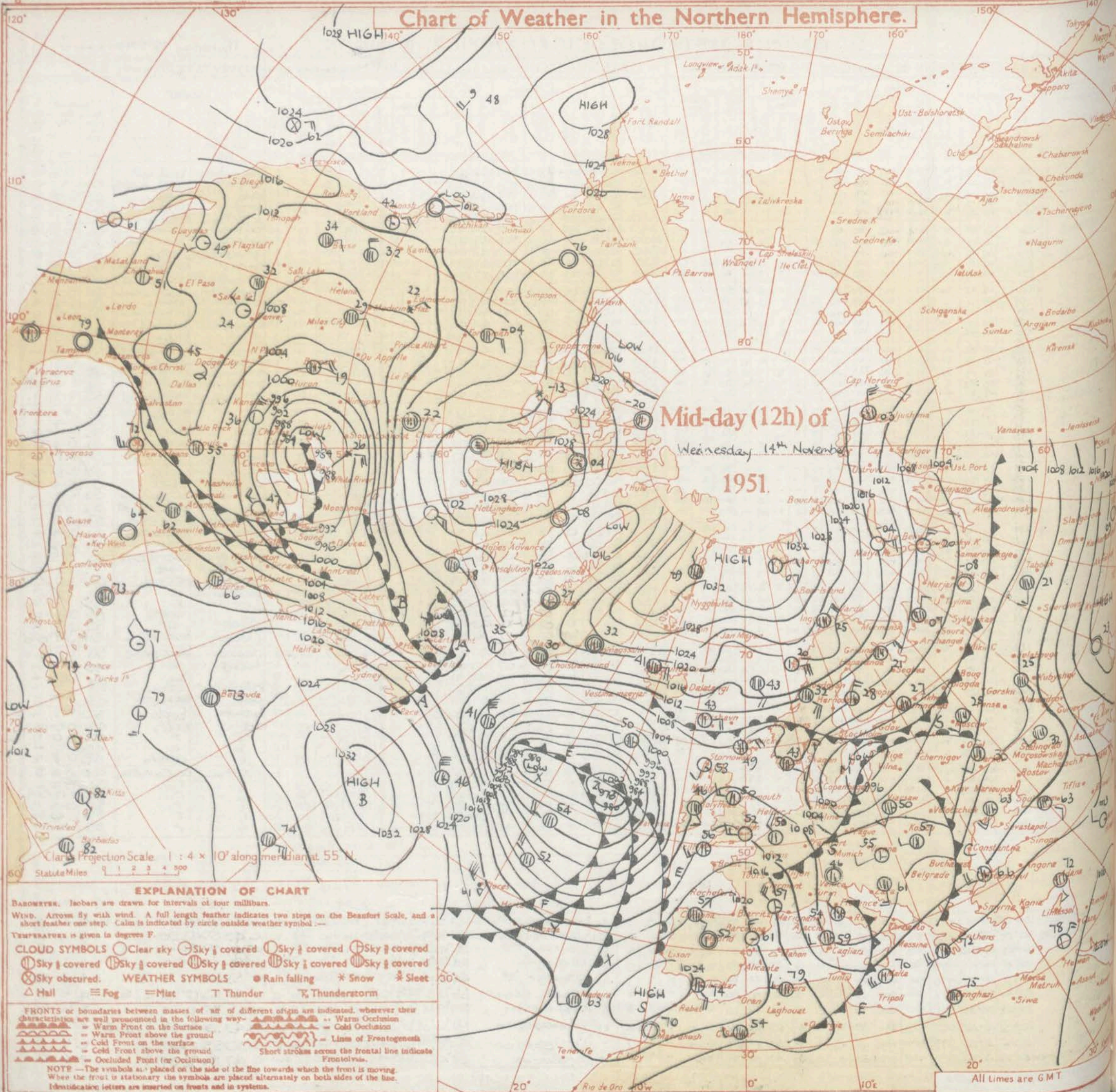
## 12h. Ships' Reports

## 18h. Ships' Reports

Ship	Lat. N.	Long. W.	Bar. mb.	Change in 3 hours	Wind		Weather	Temp.			Visibility	Cloud					Height of waves ft.
					Direc.	Speed		Air °F	Sea °F	Dew °F		Point	Form			Amount	
													Low	Med.	High		
Ship	Lat. N.	Long. W.	Bar. mb.	Change in 3 hours	Direc.	Speed	Pres.	Past	Air °F	Sea °F	Dew °F	Point	Visibility	Form	Amount	Height of waves ft.	
WEATHER OBSERVER	58°54'	15°54'	1001	+11	170	17	jp	pr	49	50	44	99	8	-	5	7	8
WEATHER EXPLORER	52°30'	20°24'	979	-01	230	28	b	r	53	53	49	98	7	-	2	1	9 1/2
LE VERRIER	65°54'	00°54'E	1016	+07	150	12	c	c	43	47	52	99	5	4	2	5	6
U.S. SHIP "A"	48°0'	16°0'	1003	-26	200	42	cl	c	61	59	57	97	7	-	-	7	11
U.S. SHIP "B"	62°0'	33°0'	1009	+14	050	09	c	d	45	50	42	80	6	3	-	7	5
U.S. SHIP "C"	56°30'	51°0'	1014	+05	010	04	bc	c	35	40	33	80	2	-	-	4	5
U.S. SHIP "D"	52°48'	35°30'	981	+17	050	11	o	c	48	50	44	64	6	7	-	8	8
CAIRNAVON	44°24'	41°36'	1022	+20	290	35	c	c	49	62	33	74	2	-	1	6	29
MANCHESTER REGIMENT	59°0'	16°54'	999	+00	160	15	ic	d	51	55	49	98	3	6	-	4	-
WEATHER EXPLORER	52°30'	20°24'	978	-01	230	25	c	bc	52	53	54	97	7	-	-	6	7
WEATHER OBSERVER	58°54'	16°0'	996	-26	110	27	c	c	49	50	43	99	8	-	-	7	6 1/2
U.S. SHIP "C"	52°48'	35°30'	985	+12	260	19	c	pr	47	50	43	64	6	5	-	6	7
ARIQUANI	44°34'	24°30'	1002	+03	280	17	pr	pr	54	60	48	99	7	2	-	3	3 *
U.S. SHIP "D"	44°0'	41°0'	1012	-05	280	33	c	pr	53	62	41	74	2	-	1	6	29
POLAR FRONT	66°0'	1°34'E	1017	+10	030	16	c	c	41	43	17	99	4	6	-	4	6
CAIRNAVON	59°18'	18°48'	996	-25	110	15	c	pr	47	55	43	98	3	1	-	4	6
WARKWORTH	48°30'	33°0'	999	+13	290	55	jp	bc	48	59	40	96	7	3	9	4	6
LE VERRIER	45°0'	16°0'	1001	+09	240	26	c	d	59	59	52	97	2	-	2	6	13
GISSANO	58°48'	21°48'	992	-20	100	18	pw	c	47	52	43	97	7	-	-	8	5



# Chart of Weather in the Northern Hemisphere.

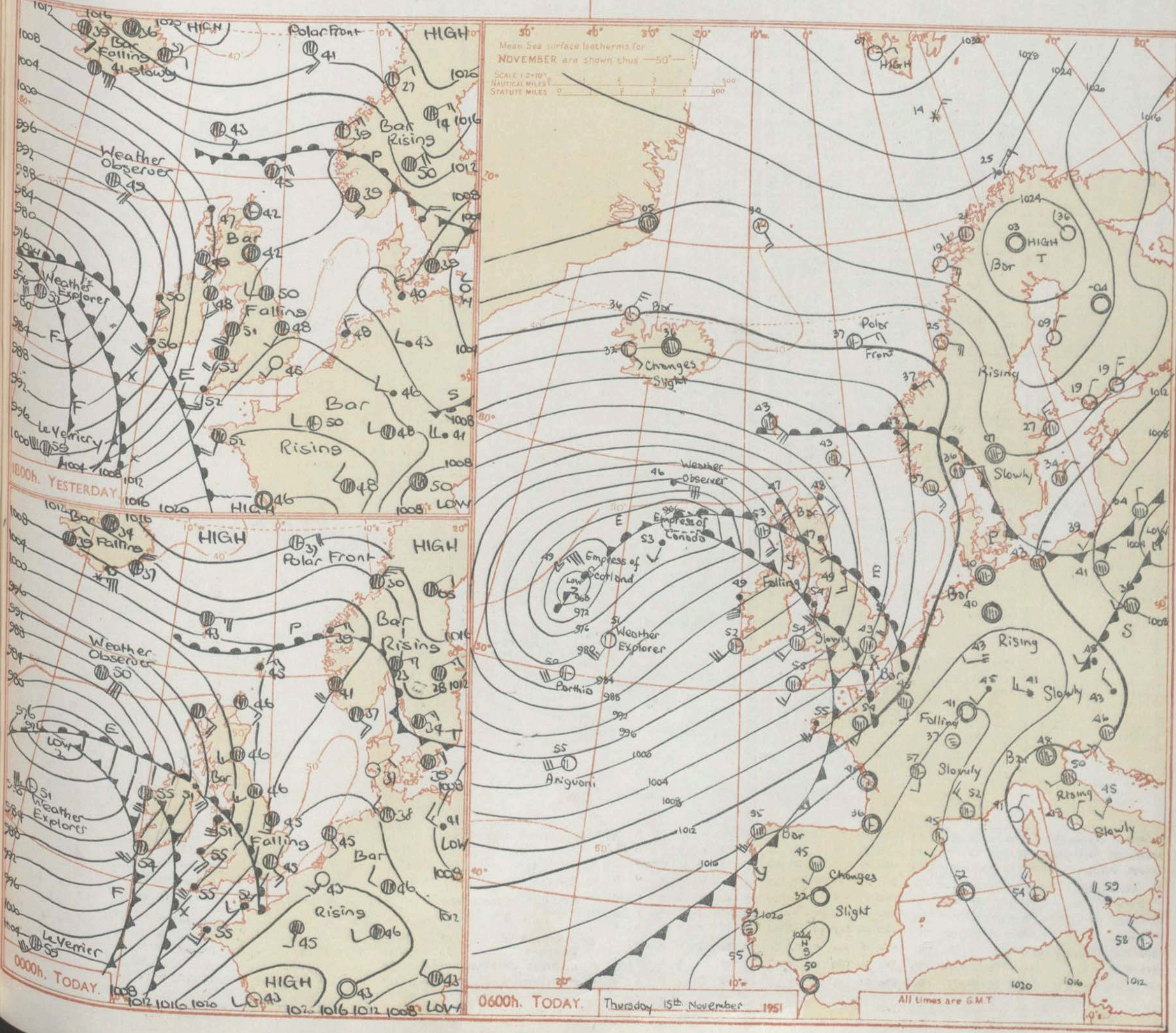




**GENERAL INFERENCE.**  
A deep depression West of Northern Ireland is slow-moving and a trough of low pressure is moving quickly east across the British Isles. Rain in the East this morning will move in to the North Sea this afternoon, and thereafter showery weather is expected in all areas. There will be some bright intervals but with a good deal of cloud generally, and the showers may be frequent and heavy and prolonged in places, with a chance of isolated thunderstorms in Western districts. Temperatures will be about normal.

**FURTHER OUTLOOK.**  
Occasional rain or showers. A few bright periods. Normal temperatures. South coasts are flying on coasts of the British Isles west of a line Stonehaven - Weymouth, and in Northern Ireland East of a line Howth to L. Foyle.

Mean Sea surface isotherms for NOVEMBER are shown thus — 50°  
SCALE 1:2=10° NAUTICAL MILES 0 100 200 300 STATUTE MILES 0 100 200 300



0600h. TODAY. Thursday 15th November 1951

All times are GMT



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 15<sup>th</sup> November 1951OBSERVATIONS at 06hr. G.M.T. 15<sup>th</sup> November 1951

OBSERVATIONS during NIGHT

STATIONS.	Height above M.S.L.	Wind.				Pressure.	Temp.	Cloud.										Wind.	Temp.	Cloud.										9 h.	Weather.	Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Direction (degrees).	Speed (kts.).	Variability.	Present Weather.			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Dew point.	Form.			Main layer.	Lowest layer.			Total amount.	Ht. of base.	Ht. of top.	Ht. of base.	Ht. of top.	Ht. of base.	Ht. of top.	State of ground.	21h to 03h.	03h to 09h.			Min. °F.	Max. °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
													Low.	Medium.	High.																			0-8.	8-10.	10-12.	12-14.	14-16.	16-18.	18-20.	20-22.	22-24.	24-26.	26-28.	28-30.	30-32.	32-34.	34-36.	36-38.	38-40.	40-42.	42-44.	44-46.	46-48.	48-50.	50-52.	52-54.	54-56.	56-58.	58-60.	60-62.	62-64.	64-66.	66-68.	68-70.	70-72.	72-74.	74-76.	76-78.	78-80.	80-82.	82-84.	84-86.	86-88.	88-90.	90-92.	92-94.	94-96.	96-98.	98-100.	100-102.	102-104.	104-106.	106-108.	108-110.	110-112.	112-114.	114-116.	116-118.	118-120.	120-122.	122-124.	124-126.	126-128.	128-130.	130-132.	132-134.	134-136.	136-138.	138-140.	140-142.	142-144.	144-146.	146-148.	148-150.	150-152.	152-154.	154-156.	156-158.	158-160.	160-162.	162-164.	164-166.	166-168.	168-170.	170-172.	172-174.	174-176.	176-178.	178-180.	180-182.	182-184.	184-186.	186-188.	188-190.	190-192.	192-194.	194-196.	196-198.	198-200.	200-202.	202-204.	204-206.	206-208.	208-210.	210-212.	212-214.	214-216.	216-218.	218-220.	220-222.	222-224.	224-226.	226-228.	228-230.	230-232.	232-234.	234-236.	236-238.	238-240.	240-242.	242-244.	244-246.	246-248.	248-250.	250-252.	252-254.	254-256.	256-258.	258-260.	260-262.	262-264.	264-266.	266-268.	268-270.	270-272.	272-274.	274-276.	276-278.	278-280.	280-282.	282-284.	284-286.	286-288.	288-290.	290-292.	292-294.	294-296.	296-298.	298-300.	300-302.	302-304.	304-306.	306-308.	308-310.	310-312.	312-314.	314-316.	316-318.	318-320.	320-322.	322-324.	324-326.	326-328.	328-330.	330-332.	332-334.	334-336.	336-338.	338-340.	340-342.	342-344.	344-346.	346-348.	348-350.	350-352.	352-354.	354-356.	356-358.	358-360.	360-362.	362-364.	364-366.	366-368.	368-370.	370-372.	372-374.	374-376.	376-378.	378-380.	380-382.	382-384.	384-386.	386-388.	388-390.	390-392.	392-394.	394-396.	396-398.	398-400.	400-402.	402-404.	404-406.	406-408.	408-410.	410-412.	412-414.	414-416.	416-418.	418-420.	420-422.	422-424.	424-426.	426-428.	428-430.	430-432.	432-434.	434-436.	436-438.	438-440.	440-442.	442-444.	444-446.	446-448.	448-450.	450-452.	452-454.	454-456.	456-458.	458-460.	460-462.	462-464.	464-466.	466-468.	468-470.	470-472.	472-474.	474-476.	476-478.	478-480.	480-482.	482-484.	484-486.	486-488.	488-490.	490-492.	492-494.	494-496.	496-498.	498-500.	500-502.	502-504.	504-506.	506-508.	508-510.	510-512.	512-514.	514-516.	516-518.	518-520.	520-522.	522-524.	524-526.	526-528.	528-530.	530-532.	532-534.	534-536.	536-538.	538-540.	540-542.	542-544.	544-546.	546-548.	548-550.	550-552.	552-554.	554-556.	556-558.	558-560.	560-562.	562-564.	564-566.	566-568.	568-570.	570-572.	572-574.	574-576.	576-578.	578-580.	580-582.	582-584.	584-586.	586-588.	588-590.	590-592.	592-594.	594-596.	596-598.	598-600.	600-602.	602-604.	604-606.	606-608.	608-610.	610-612.	612-614.	614-616.	616-618.	618-620.	620-622.	622-624.	624-626.	626-628.	628-630.	630-632.	632-634.	634-636.	636-638.	638-640.	640-642.	642-644.	644-646.	646-648.	648-650.	650-652.	652-654.	654-656.	656-658.	658-660.	660-662.	662-664.	664-666.	666-668.	668-670.	670-672.	672-674.	674-676.	676-678.	678-680.	680-682.	682-684.	684-686.	686-688.	688-690.	690-692.	692-694.	694-696.	696-698.	698-700.	700-702.	702-704.	704-706.	706-708.	708-710.	710-712.	712-714.	714-716.	716-718.	718-720.	720-722.	722-724.	724-726.	726-728.	728-730.	730-732.	732-734.	734-736.	736-738.	738-740.	740-742.	742-744.	744-746.	746-748.	748-750.	750-752.	752-754.	754-756.	756-758.	758-760.	760-762.	762-764.	764-766.	766-768.	768-770.	770-772.	772-774.	774-776.	776-778.	778-780.	780-782.	782-784.	784-786.	786-788.	788-790.	790-792.	792-794.	794-796.	796-798.	798-800.	800-802.	802-804.	804-806.	806-808.	808-810.	810-812.	812-814.	814-816.	816-818.	818-820.	820-822.	822-824.	824-826.	826-828.	828-830.	830-832.	832-834.	834-836.	836-838.	838-840.	840-842.	842-844.	844-846.	846-848.	848-850.	850-852.	852-854.	854-856.	856-858.	858-860.	860-862.	862-864.	864-866.	866-868.	868-870.	870-872.	872-874.	874-876.	876-878.	878-880.	880-882.	882-884.	884-886.	886-888.	888-890.	890-892.	892-894.	894-896.	896-898.	898-900.	900-902.	902-904.	904-906.	906-908.	908-910.	910-912.	912-914.	914-916.	916-918.	918-920.	920-922.	922-924.	924-926.	926-928.	928-930.	930-932.	932-934.	934-936.	936-938.	938-940.	940-942.	942-944.	944-946.	946-948.	948-950.	950-952.	952-954.	954-956.	956-958.	958-960.	960-962.	962-964.	964-966.	966-968.	968-970.	970-972.	972-974.	974-976.	976-978.	978-980.	980-982.	982-984.	984-986.	986-988.	988-990.	990-992.	992-994.	994-996.	996-998.	998-1000.	1000-1002.	1002-1004.	1004-1006.	1006-1008.	1008-1010.	1010-1012.	1012-1014.	1014-1016.	1016-1018.	1018-1020.	1020-1022.	1022-1024.	1024-1026.	1026-1028.	1028-1030.	1030-1032.	1032-1034.	1034-1036.	1036-1038.	1038-1040.	1040-1042.	1042-1044.	1044-1046.	1046-1048.	1048-1050.	1050-1052.	1052-1054.	1054-1056.	1056-1058.	1058-1060.	1060-1062.	1062-1064.	1064-1066.	1066-1068.	1068-1070.	1070-1072.	1072-1074.	1074-1076.	1076-1078.	1078-1080.	1080-1082.	1082-1084.	1084-1086.	1086-1088.	1088-1090.	1090-1092.	1092-1094.	1094-1096.	1096-1098.	1098-1100.	1100-1102.	1102-1104.	1104-1106.	1106-1108.	1108-1110.	1110-1112.	1112-1114.	1114-1116.	1116-1118.	1118-1120.	1120-1122.	1122-1124.	1124-1126.	1126-1128.	1128-1130.	1130-1132.	1132-1134.	1134-1136.	1136-1138.	1138-1140.	1140-1142.	1142-1144.	1144-1146.	1146-1148.	1148-1150.	1150-1152.	1152-1154.	1154-1156.	1156-1158.	1158-1160.	1160-1162.	1162-1164.	1164-1166.	1166-1168.	1168-1170.	1170-1172.	1172-1174.	1174-1176.	1176-1178.	1178-1180.	1180-1182.	1182-1184.	1184-1186.	1186-1188.	1188-1190.	1190-1192.	1192-1194.	1194-1196.	1196-1198.	1198-1200.	1200-1202.	1202-1204.	1204-1206.	1206-1208.	1208-1210.	1210-1212.	1212-1214.	1214-1216.	1216-1218.	1218-1220.	1220-1222.	1222-1224.	1224-1226.	1226-1228.	1228-1230.	1230-1232.	1232-1234.	1234-1236.	1236-1238.	1238-1240.	1240-1242.	1242-1244.	1244-1246.	1246-1248.	1248-1



Friday 16<sup>th</sup> November. 1951

OBSERVATIONS during DAY

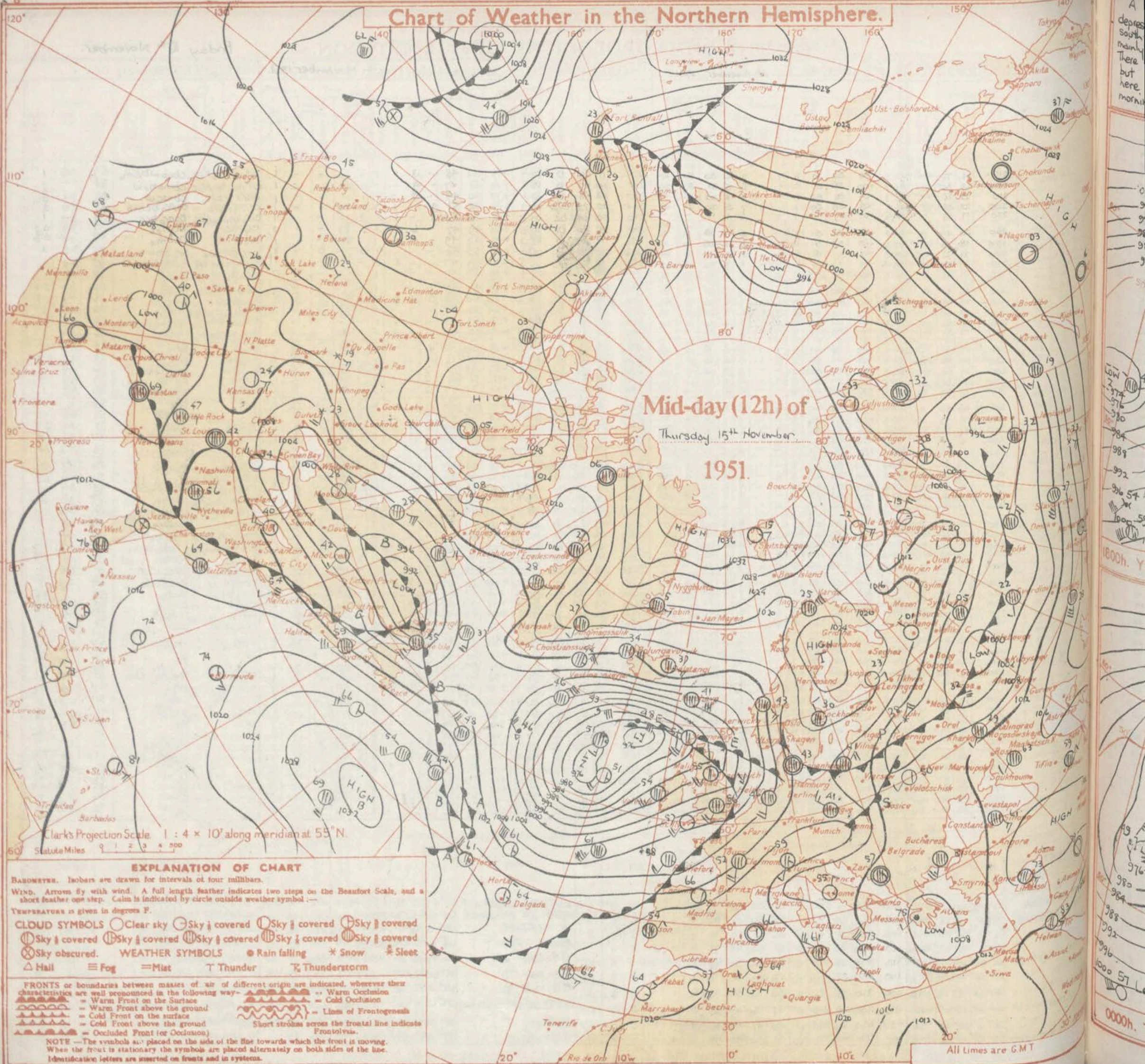
### 18h. Ships' Reports

\* Information not usually received

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



# Chart of Weather in the Northern Hemisphere.





A depression west of Greenland is deepening and moving east. A complex southwesterly airstream covers the British Isles. In all districts it will be mainly cloudy this afternoon, though with bright periods in many places. There will also be showers, which in the southeast will be only scattered but which in the north and west may be heavy at times, with thunder here and there. Cloud will decrease during the night, and tomorrow morning will probably be dry in most places with variable cloud, though

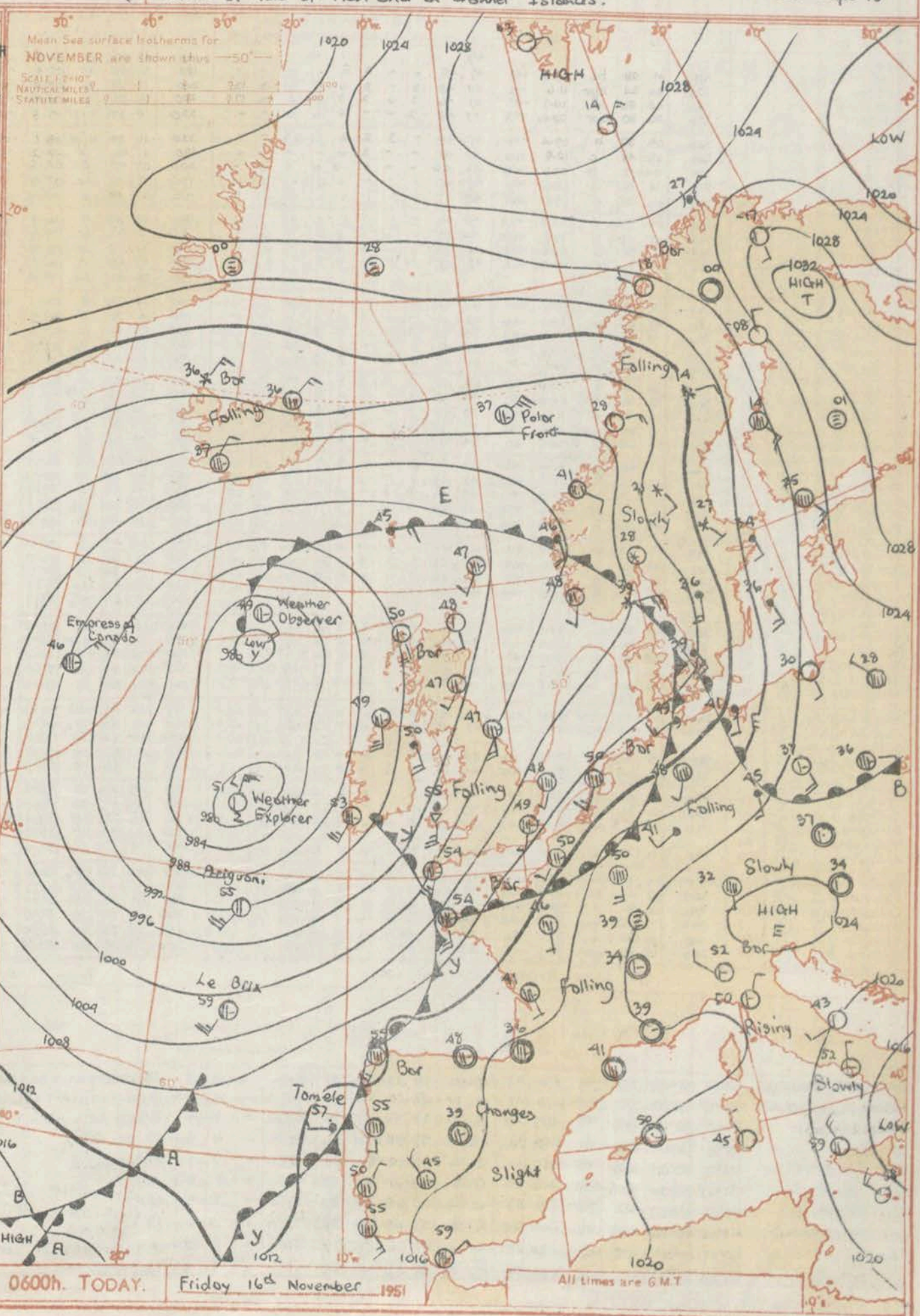
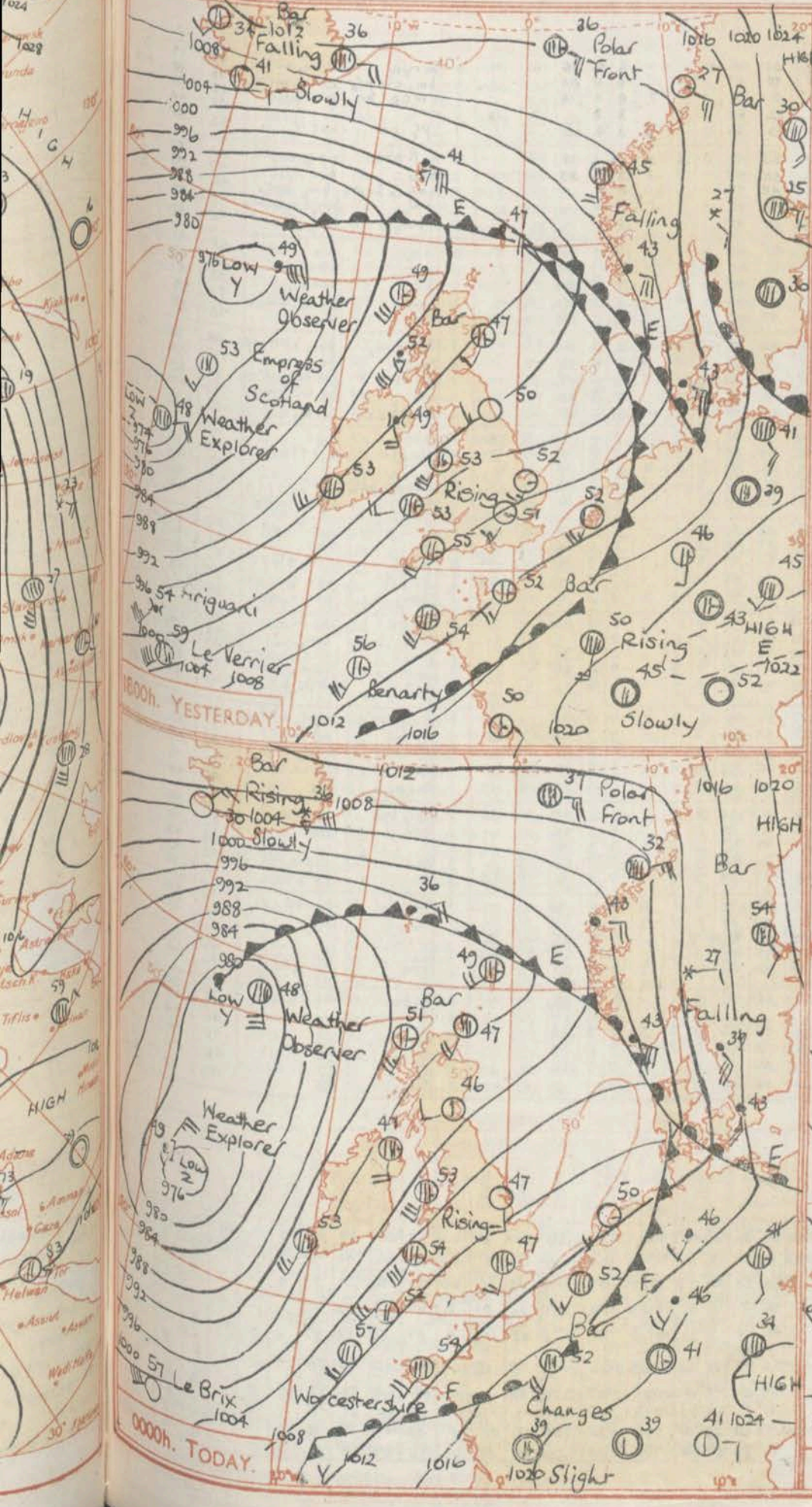
GENERAL INFERENCE.

FURTHER OUTLOOK.

there is a chance that some southern districts will have some rain. Temperatures will be rather above normal for mid November.

Changeable with bright periods and periods of rain and showers in most places.

South cones are flying on coasts from Clyde to hands End and from hands End to Beachy Head. South cones are also flying in Northern Ireland from Loch Foyle to Howth in Isle of Man and in Channel Islands.





# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 16th November 1951

OBSERVATIONS at 06hr. G.M.T. 16th November 1951

OBSERVATIONS during NIGHT

Stations.	Height above M.S.L.	Wind.				Pressure.	Temp.	Cloud.								Wind.	Speed (kts.)	Direction.	Pressure.	Temp.	Cloud.								8 h.	Weather.	Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Direction (degrees).	Speed (kts.).	Variability.	Prevail. Weather.			Form.	Amount.	Main layer.	Lowest layer.	Form.	Amount.	Main layer.	Lowest layer.						Form.	Amount.	Main layer.	Lowest layer.	21 h-00 h.	21 h-00 h.	21 h-00 h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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47)	(848)	(849)	(850)	(851)	(852)	(853)	(854)	(855)	(856)	(857)	(858)	(859)	(860)	(861)	(862)	(863)	(864)	(865)	(866)	(867)	(868)	(869)	(870)	(871)	(872)	(873)	(874)	(875)	(876)	(877)	(878)	(879)	(880)	(881)	(882)	(883)	(884)	(885)	(886)	(887)	(888)	(889)	(890)	(891)	(892)	(893)	(894)	(895)	(896)	(897)	(898)	(899)	(900)	(901)	(902)	(903)	(904)	(905)	(906)	(907)	(908)	(909)	(910)	(911)	(912)	(913)	(914)	(915)	(916)	(917)	(918)	(919)	(920)	(921)	(922)	(923)	(924)	(925)	(926)	(927)	(928)	(929)	(930)	(931)	(932)	(933)	(934)	(935)	(936)	(937)	(938)	(939)	(940)	(941)	(942)	(943)	(944)	(945)	(946)	(947)	(948)	(949)	(950)	(951)	(952)	(953)	(954)	(955)	(956)	(957)	(958)	(959)	(960)	(961)	(962)	(963)	(964)	(965)	(966)	(967)	(968)	(969)	(970)	(971)	(972)	(973)	(974)	(975)	(976)	(977)	(978)	(979)	(980)	(981)	(982)	(983)	(984)	(985)	(986)	(987)	(988)	(989)	(990)	(991)	(992)	(993)	(994)	(995)	(996)	(997)	(998)	(999)	(1000)	(1001)	(1002)	(1003)	(1004)	(1005)	(1006)	(1007)	(1008)	(1009)	(1010)	(1011)	(1012)	(1013)	(1014)	(1015)	(1016)	(1017)	(1018)	(1019)	(1020)	(1021)	(1022)	(1023)	(1024)	(1025)	(1026)	(1027)	(1028)	(1029)	(1030)	(1031)	(1032)	(1033)	(1034)	(1035)	(1036)	(1037)	(1038)	(1039)	(1040)	(1041)	(1042)	(1043)	(1044)	(1045)	(1046)	(1047)	(1048)	(1049)	(1050)	(1051)	(1052)	(1053)	(1054)	(1055)	(1056)	(1057)	(1058)	(1059)	(1060)	(1061)	(1062)	(1063)	(1064)	(1065)	(1066)	(1067)	(1068)	(1069)	(1070)	(1071)	(1072)	(1073)	(1074)	(1075)	(1076)	(1077)	(1078)	(1079)	(1080)	(1081)	(1082)	(1083)	(1084)	(1085)	(1086)	(1087)	(1088)	(1089)	(1090)	(1091)	(1092)	(1093)	(1094)	(1095)	(1096)	(1097)	(1098)	(1099)	(1100)	(1101)	(1102)	(1103)	(1104)

## 00h. Ships' Reports

## 06h. Ships' Reports

Ship	Lat. N	Long. W	Bar.
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# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Saturday 17th November 1951

OBSERVATIONS at 12h. G.M.T. 16th November 1951

OBSERVATIONS at 18h. G.M.T. 16th November 1951

OBSERVATIONS during DAY

STATIONS. (For heights see p. 4)		Wind.		Pressure.	Temp.	Cloud.					Wind.		Pressure.	Temp.	Cloud.					21 h. + State of ground	Weather.		Max. Temp. 09h-21h.	Sun-shine.	Rain 09h-21h.				
		Direction (degrees).	Speed (kts.).			Form.	Amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Form.			Amount.	Main layer.	Lowest layer.	09h. to 15h. (24)	15h. to 21h. (25)										
				Bar at M.S.L.	Change in 3 hrs.								Dry Bulb.	Dew point.						Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	09h. to 15h. (24)	15h. to 21h. (25)
(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)
Kew	200	14	81	C	05.6	-17	54	49	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
London Airport	200	15	81	C	05.5	-14	55	48	2	7	2	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Lymington	210	15	81	C	05.2	-12	54	52	2	7	2	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Tangmere	200	16	80	O	07.4	-07	55	51	5	1	1	8	26	13	4	5	5	5	5	5	5	5	5	5	5	5	5	5	
Calshot	220	16	81	C	05.7	-12	55	51	5	1	1	7	6	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Boscombe Down	230	20	50	O	05.4	-11	54	49	2	1	1	8	8	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Felixstowe	180	11	56	C	07.2	-19	53	51	5	2	2	7	7	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Corfeston	230	13	48	C	06.5	-18	53	50	1	7	8	6	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
West Raynham	180	22	64	C	05.4	-14	53	48	5	3	1	6	2	30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Mildenhall	170	10	40	C	04.9	-19	53	51	5	8	6	7	4	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Cranfield	190	12	80	C/pr	03.8	-18	54	48	2	7	3	7	5	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Elmdon	200	14	64	C/pr	01.6	-15	50	45	9	3	3	7	5	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Collesmore	170	14	48	C	02.7	-21	52	48	5	7	1	7	7	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Watnall	190	15	24	C/pr	01.6	-21	52	48	7	6	1	7	7	05	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Rose-on-Wye	210	18	80	C	00.9	-17	55	48	8	3	2	2	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Shawbury	170	13	72	C/pr	08.9	-19	54	47	3	6	1	8	8	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Bristol	200	17	24	C/pr	02.2	-11	54	51	3	1	1	8	8	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Plymouth	210	25	48	C	02.7	-09	56	52	2	1	1	7	7	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Chivenor	190	26	64	C	01.0	-12	57	49	3	6	1	7	7	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
St. Eval	180	27	80	C	01.0	-08	56	49	2	6	1	6	5	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Goldrose	210	26	50	C	01.1	+07	56	53	9	1	3	7	6	18	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Sally, St. Mary's	210	23	48	C	09.4	-08	57	51	8	1	1	6	6	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Guernsey	200	17	81	O	07.4	-07	55	51	5	7	2	8	3	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Abbeville	190	20	80	C/pr	07.3	-06	54	47	3	6	2	7	3	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Portsmouth Dock	220	21	72	C/pr	08.2	-09	55	51	3	6	1	6	5	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Holyhead (Valley)	200	30	64	C	04.7	-11	54	48	2	6	2	7	4	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Manchester	170	15	64	C	09.3	-13	53	47	8	7	1	7	5	20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Squires Gate	170	20	40	C	06.8	-24	52	49	3	7	1	6	4	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Silth	190	20	40	C	05.0	-15	50	48	7	7	1	8	6	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Funningley	180	16	64	C	00.3	-24	51	47	5	1	1	8	7	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Spern Head	180	25	32	C	04.4	-15	50	48	3	1	1	8	4	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Calorth	160	12	16	C/pr	09.2	-18	50	47	6	7	1	7	5	15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Tynemouth	200	16	16	C/pr	06.2	-16	49	45	6	7	1	8	8	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Leuchars	180	09	32	C	04.3	-24	48	46	6	7	1	8	7	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ekdalemuir	190	15	64	C	04.3	-09	47	45	7	7	1	8	7	09	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Freelwick	170	09	80	C/pr	02.7	-18	52	48	8	7	5	7	4	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
West Freugh	190	15	80	C	02.7	-16	54	46	3	6	2	7	2	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Ronaldsway	190	23	80	C/pr	03.6	-20	54	50	8	1	2	7	5	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Tree	170	20	82	C	03.4	+12	52	45	8	1	2	7	5	20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Bombecula	140	12	81	C	08.7	-17	49	47	8	7	1	7	4	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Stornoway	120	11	82	C	00.7	-14	50	43	5	7	6	8	4	45	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Cape Wrath	140	05	83	C	02.0	-17	49	40	5	7	6	2	1	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Bule Skerry	180	09	82	C	02.5	-09	51	47	8	7	1	7	4	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Brenew	160	10	32	C	02.3	-20	53	47	8	7	1	7	4	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Dyce	170	16	32	C	05.8	-15	48	46	7	7	1	8	6	07	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Wick	180	09	81	C	03.5	-15	49	45	5	7	6	7	2	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Lerwick	190	03	80	C	06.0	-02	49	47	6	7	1	7	6	09	1	1	1	1	1										

## 12h. Ships' Reports

## 18h. Ships' Reports

Ship	Lat. N.	Long. W.	
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## Chart of Weather in the Northern Hemisphere.





There are slow-moving anticyclones Southwest of the Azores and over the Baltics and central Russia. There is a complex area of low pressure to West of Scotland and a Secondary depression now Northwest of Spain is expected to move quickly towards the English Channel. In all districts of the British Isles weather this afternoon will be mainly cloudy with occasional rain or showers in most places and perhaps scattered thunderstorms but there will also be bright periods here and there. An area of more continuous rain with strong to gale force winds is expected to reach Southwestern districts during the evening or tonight spreading steadily northwards. It may affect many Southern

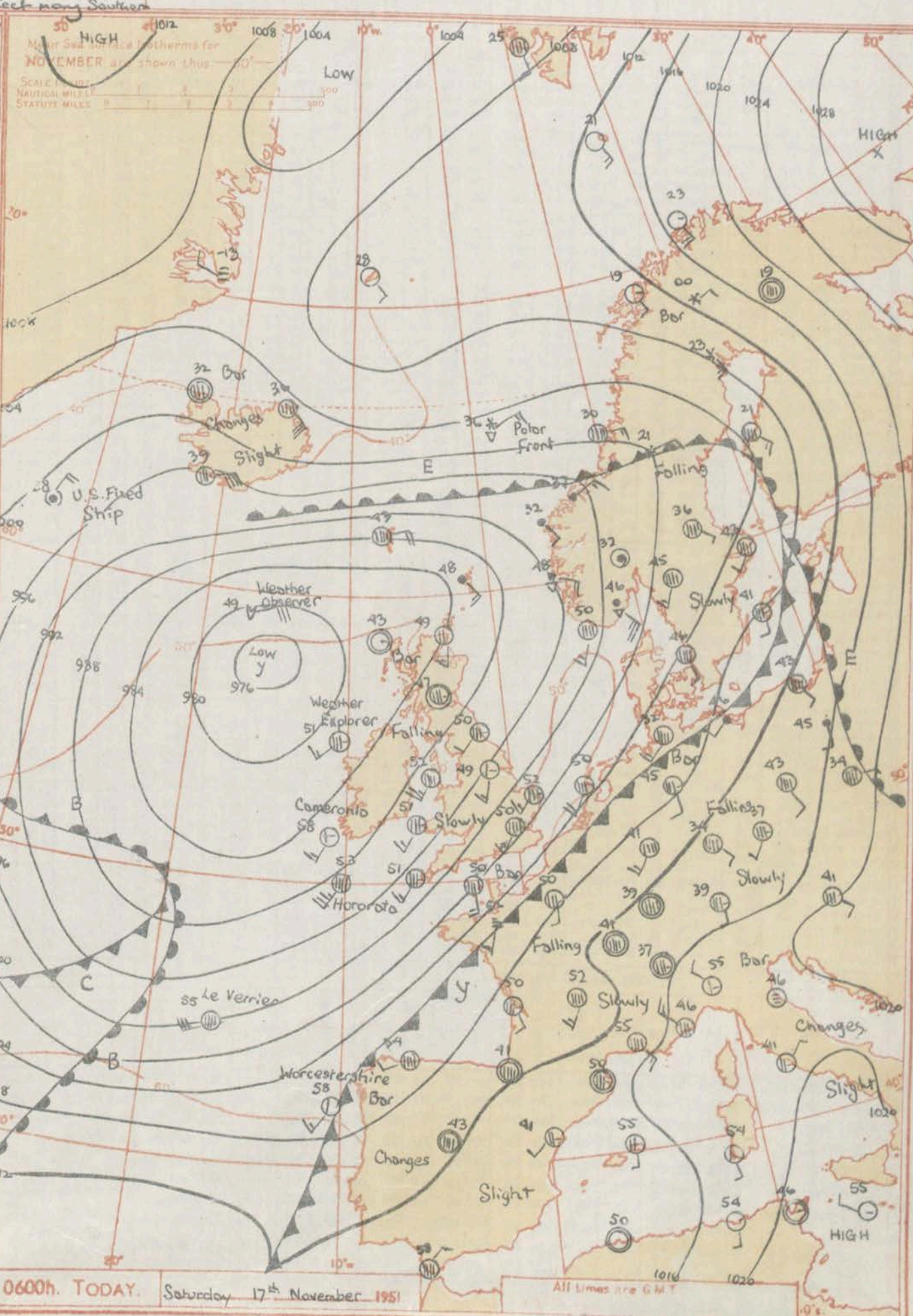
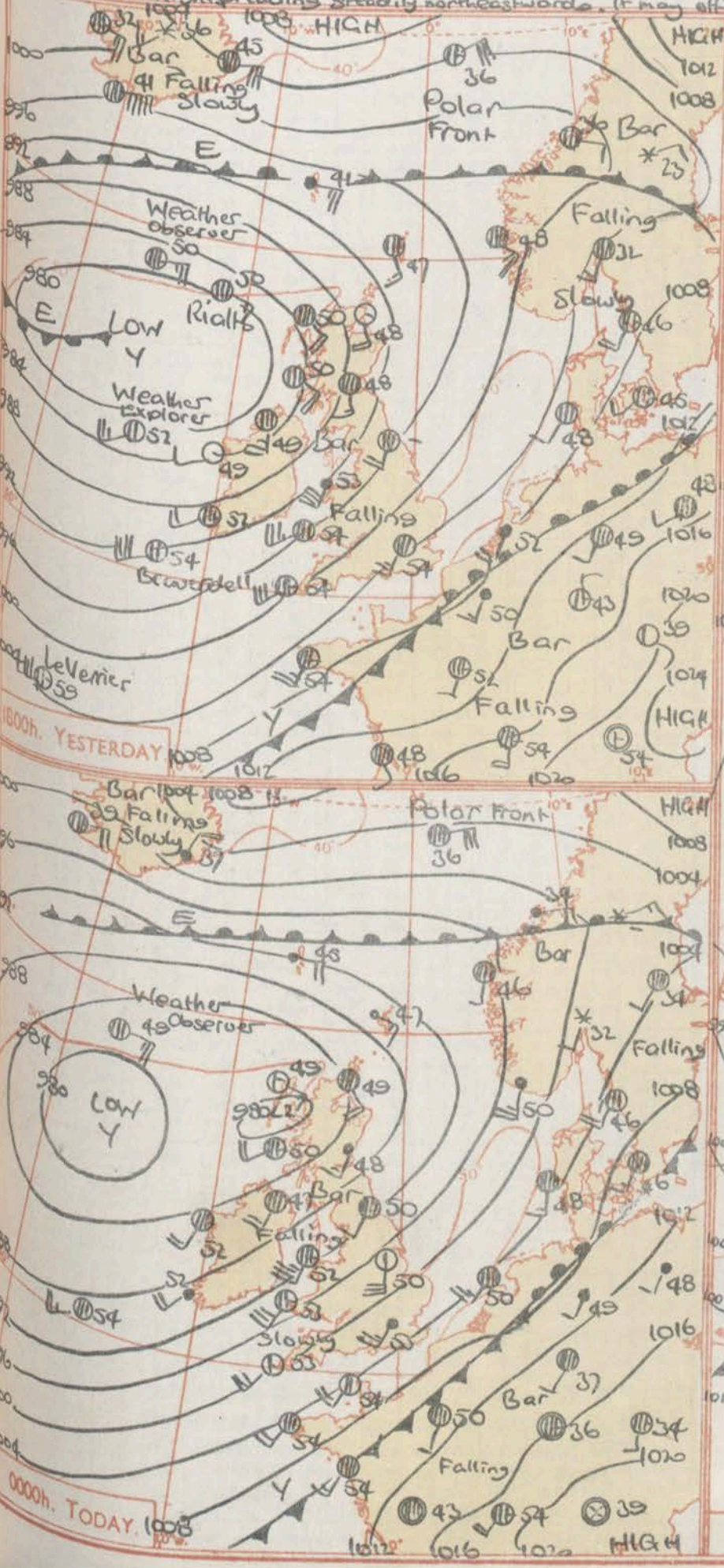
### GENERAL INFERENCE.

and midland districts for most of tomorrow morning. Temperatures will continue rather above normal for mid-November.  
Further Outlook:- Changeable with rain or showers in most districts at times, but also some bright periods. Little change of temperature.

### FURTHER OUTLOOK

Major Sea Surface Isotherms for NOVEMBER are shown thus

SCALE: NAUTICAL MILES 0 100 200 300  
STATUTE MILES 0 100 200 300



0600h. TODAY. Saturday 17th November 1951

All times are GMT



## 3286

(For height 5'6")

Kew ...  
London Airport  
Lymington  
Tangmere  
Calshot

Boscombe Down  
Pilkington  
Corston  
West Raynham  
Mildenhall

Cranfield  
Eindhoven  
Lutterworth  
Watnall  
Hemel-on-Wye

Shawbury  
Bristol  
Plymouth  
Chivenor  
St. Eval

Colchester  
Scully, St. Mary  
Guernsey  
Aberporth  
Pembroke Dock

Holyhead (V)  
Manchester  
Squires Gate  
Silloth  
Funningley

Spurn Head  
Rushforth  
Tynemouth  
Leuchars  
Raddalemuir

Prestwick  
West Freugh  
Ramsdew  
Tiree ...  
Pembecula

Stornoway  
Cape Wrath  
Sole Skerry  
Redfrew  
Dyce ...

Wick ...  
Lerwick  
Blackod Point  
Malin Head  
Aldergrove

Castle Archdale  
Birr Castle  
Collinstown  
Kinsenna  
Valentia  
Mulleton

Ship  
WEATHER D  
WEATHER E  
LE VERRI  
DOLAR FA  
O.S. SHIP  
U.S. SHIP  
U.S. SHIP  
TARKWA  
CARNAVO  
HORRATA

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Sunday 18th November 1951

OBSERVATIONS at 12h. G.M.T. 17th November 1951

OBSERVATIONS at 18h. G.M.T. 17th November 1951

OBSERVATIONS during DAY

STATIONS. (For heights see p. 4)	Wind.		+ - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - 
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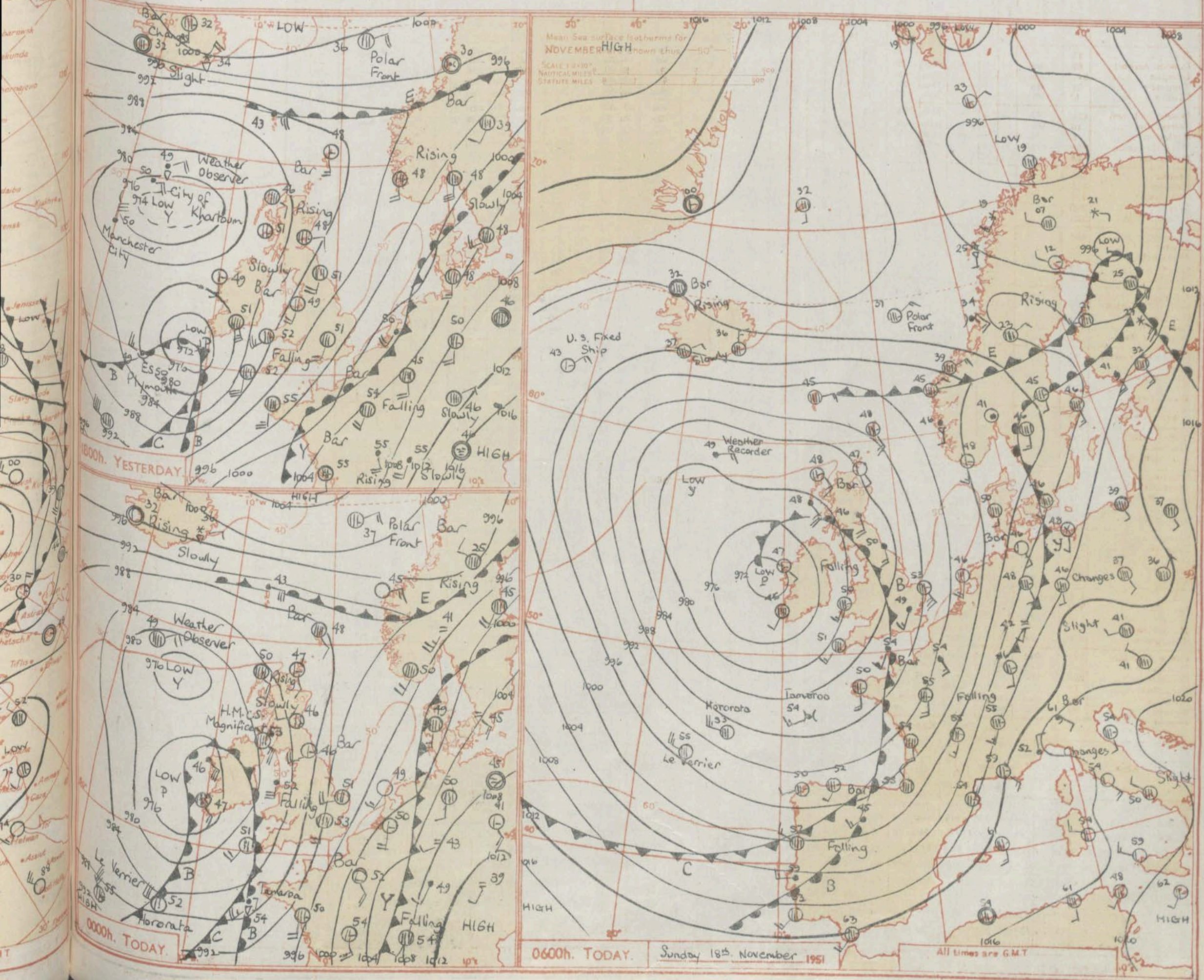


### GENERAL INFERENCE

There is a complex slow moving depression west of Scotland and a trough of low pressure is moving northeastwards across England and South Scotland. In most parts of Great Britain weather will be dull and rainy at first, but a clearance which has already reached Ireland, Wales and South West England will spread eastwards during the afternoon, though it may not reach eastern England before nightfall. After the clearance there will be scattered showers, mostly in the west, and fog may form in some inland districts tonight. Tomorrow morning, bright periods are likely in nearly all districts and scattered showers which may be heavy in places with risk of thunder. Temperatures will be about normal for mid-November.

### FURTHER OUTLOOK

Bright periods and showers in all districts. Little change of temperature.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

[illegible]

00h. Ships' Reports															06h. Ships' Reports																					
Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud					Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud				
					Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew °F		Point	Form			Amount							Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew °F		Point	Form			Amount
														Low	Med.	High																	Low	Total	Low	
LE VERRIER	45° 0'	16° 0'	992	+13	300	34	c	pr	55	57	45	97	3	-	-	6	6	11	ELYSIA	48° 6'	32° 42'	1004	-05	280	13	o/r	c	51	56	43	98	7	-	-	8	8
U. S. SHIP 'A'	62° 0'	33° 0'	995	+15	100	24	o/r	r	44	43	39	74	-	2	-	8	8	9 1/2	HORORATA	46° 24'	13° 54'	989	+37	300	27	o/pr	pr	53	58	48	98	1	-	-	6	6
POLAR FRONT	66° 0'	01° 54'E	1002	+11	060	10	C	c	37	41	26	99	8	-	-	7	7	5	POLAR FRONT	66° 0'	01° 48'E	1002	+08	060	13	o/prs	pr	37	40	27	99	8	-	-	7	7
U. S. SHIP 'C'	52° 49'	35° 30'	1002	+04	300	17	C	c	45	48	36	80	1	6	-	6	7	8	WEATHER RECORDER	50° 6'	16° 6'	980	+03	030	12	ir.	r	49	50	47	98	-	1	-	5	7
WEATHER OBSERVER	59° 0'	16° 12'	979	+05	060	14	o	pr	49	50	45	99	5	-	7	1	8	14	U. S. SHIP 'D'	44° 0'	41° 0'	1008	-12	210	15	ps	pr	66	64	65	74	8	-	-	8	8
TAMAROA	47° 36'	06° 54'	984	-40	230	24	o/pr	c	54	54	50	98	5	-	-	8	8	14	LE VERRIER	45° 0'	16° 0'	994	+03	310	32	c	pr	55	57	46	97	8	-	-	4	6
U. S. SHIP 'D'	44° 0'	41° 0'	1011	-20	210	15	pr	pr	63	63	62	13	8	-	-	8	8	6 1/2	U. S. SHIP 'A'	62° 0'	33° 0'	997	+13	070	13	bc	bc	43	42	36	80	5	-	-	3	3
LAURENTIA	51° 42'	38° 30'	1003	-04	300	15	bc	bc	46	52	39	98	2	-	-	3	3	6 1/2	TAMAROA	47° 12'	07° 42'	984	+00	250	16	jp	pr	54	54	54	98	2	1	-	4	5
HORORATA	46° 54'	13° 18'	985	+10	280	27	bc	pr	52	56	46	98	2	-	-	4	4	17 1/2	LAURENTIA	52° 6'	36° 42'	1004	+05	270	03	c	c	43	46	38	98	1	3	-	4	7
H.M.C.S. MAGNIFICENT	55° 12'	06° 18'	981	-22	130	20	o	bc	53	54	46	98	2	1	-	2	0	*	U. S. SHIP 'C'	52° 48'	35° 34'	1004	+00	300	15	c	c	45	50	36	80	2	-	-	1	7

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\* Information not usually received.

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Monday 12th November, 1951

OBSERVATIONS at 12h. G.M.T. 12th November 1951

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

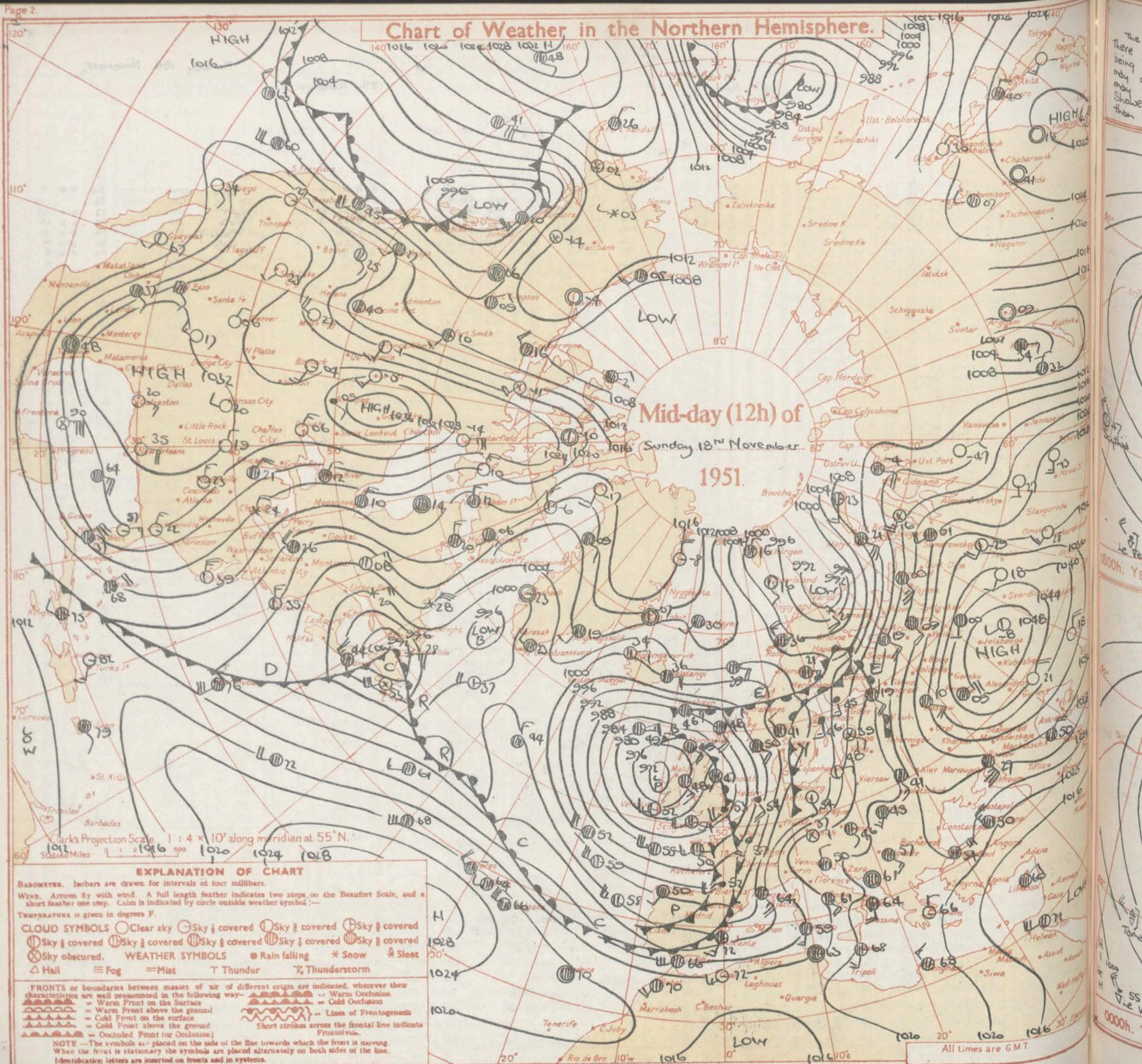
OBSERVATIONS during DAY

Stations. (For heights see p. 4)	Wind.		↑ ↓	Present Weather.	Pressure.		Temp.		Cloud.				Wind.		Pressure.		Temp.		Cloud.				21 h. ↑ ↓ State of ground.	Weather.		Max. Temp. 09h- 21h (°F.)	Sun- shine. (h.)	Rain (09h- 21h mm.)									
	Direction (degrees).	Speed (kts.)			Bar at M.S.L.	Change in 3 hrs.	°F.	Dry Bulb.	°F.	Dew point.	Form.			Direction (degrees).	Speed (kts.)	Bar at M.S.L.	Change in 3 hrs.	°F.	Dry Bulb.	°F.	Dew point.	Form.															
											Low.	Medial.	High.									Low.		Medial.	High.												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Kew London Airport Lymington Langmere Calshot	170 220 160 250	13 15 18 08	30 12 32 64	106 106 106 106	83.4 83.4 82.8 84.5	-17 -15 -21 -18	53 53 52 52	50 51 50 50	5 6 7 7	2 2 2 2	1 1 1 1	8 8 8 8	8 8 8 8	3 3 3 3	08 06 09 15	300 130 190 260	10 13 17 09	16 24 24 20	106 106 106 106	+07 +06 +08 +08	43 43 48 48	47 46 40 47	6 5 7 7	1 2 2 2	1 1 1 1	8 8 8 8	8 8 8 8	31 12 31 12	6 6 5 5	15 - 03 07	1 1 2 2	cr, m, m cr cid, m cid, m cid, m	cr, m, m m, m, m, m cr, m, m cr, m, m	54 53 53 54	0.0 0.0 0.0 0.0	11 14 - 4	
Beacombe Down Felixstowe Gileston West Raynham Mildenhall	240 150 180 150 140	06 12 22 24 15	80 48 32 64 64	106 106 106 106 106	84.5 81.7 81.7 85.7 84.6	-03 -27 -24 -25 -27	53 54 53 52 54	51 50 51 51 51	2 6 7 7 7	2 2 2 2 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	3 3 3 3 3	08 35 12 20 1	150 190 200 190 190	02 10 13 11 07	80 48 20 32 40	106 106 106 106 106	+07 +05 +03 +03 +11	43 46 52 48 50	44 49 51 47 48	5 7 7 6 5	1 2 2 2 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	26 31 10 40 56	3 3 3 3 3	16 - - 08 -	2 2 2 2 2	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	54 51 54 54 52	0.0 0.0 0.0 0.0 0.0	4 7 5 5 11	
Grainfield London Luton Lutterworth Watnall Row-on-Wye	190 130 170 170 200	03 07 07 06 08	36 20 16 16 80	106 106 106 106 106	83.7 82.5 83.7 83.3 82.3	-13 -12 -13 -04 -05	48 48 47 48 50	47 46 47 46 46	7 6 6 7 7	2 2 2 2 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	20 45 60 20 10	3 2 3 4 4	150 180 170 190 180	08 07 10 04 06	48 18 24 11 31	106 106 106 106 106	+00 +04 +02 +03 +10	48 47 47 46 49	46 45 6 46 42	5 5 6 6 5	2 2 2 2 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	3 8 04 - 1.5	3 35 - - -	2 2 2 2 2	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	52 50 50 50 52	0.0 0.0 0.0 0.0 0.0	12 0.5 7 04 -		
Shawbury Rusling Plymouth Cheltenham St. Eval	140 190 250 230 200	12 08 10 14 16	56 24 80 80 81	106 106 106 106 106	81.3 81.8 82.7 82.0 81.9	-03 -07 +03 +01 +01	50 51 53 53 51	46 47 46 46 45	7 5 2 3 3	7 7 7 8 6	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	9 8 23 15 16	1 2 3 3 1	150 160 240 160 170	09 08 12 08 10	64 16 80 81 80	106 106 106 106 106	+12 +0 +05 +06 +08	48 49 51 46 47	44 46 46 44 43	5 7 2 2 3	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	2 4 20 20 20	1 1 1 1 1	1 1 1 1 1	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	51 52 54 55 52	0.1 0.0 0.0 0.0 2.2	1 0.2 0.1 0.1 1		
St. Mary's Guernsey Aberporth Pembroke Dock	230 240 210 200	18 14 14 13	81 80 81 82	106 106 106 106	81.7 81.1 81.1 78.9	-02 +02 +00 -06	52 54 51 50	46 46 47 43	2 2 2 2	6 6 6 6	2 2 2 2	8 8 8 8	8 8 8 8	18 22 23 15	1 1 1 1	240 220 230 180	19 13 16 09	80 80 81 81	106 106 106 106	+04 +05 +12 +09	52 48 48 46	43 45 45 43	3 3 3 3	1 1 1 1	1 1 1 1	8 8 8 8	8 8 8 8	3 10 20 15	12 12 12 12	2 2 2 2	cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m	53 55 53 51	0.2 4.3 0.0 2.0	0.2 3 4 0.5		
Holyhead (Valley) Manchester Salford Salford Gate St. Helier Pennine	210 190 170 150 130 170	12 28 13 16 18 11	81 64 48 28 80 40	106 106 106 106 106 106	79.5 77.1 82.2 80.0 78.9 82.6	-08 -07 -06 -07 -15 -08	51 53 49 50 51 50	43 49 44 46 43 46	3 2 2 2 2 2	6 6 6 6 6 6	1 1 1 1 1 1	8 8 8 8 8 8	8 8 8 8 8 8	15 18 20 30 35 20	1 1 2 2 2 5	210 200 170 160 160 170	08 22 12 14 13 07	81 16 16 22 64 24	106 106 106 106 106 106	+07 +09 +08 +07 +06 +00	49 51 49 48 48 45	43 46 46 41 41 43	3 6 3 3 3 7	1 1 1 1 1 1	1 1 1 1 1 1	8 8 8 8 8 8	8 8 8 8 8 8	18 20 40 40 40 80	1 1 25 1 1 1	1 1 2 1 1 1	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	53 50 50 50 52 50	4.0 0.0 0.4 0.0 2.0 0.0	3 0.3 0.1 - - 3		
Open Head Lulworth Lymington Lanchara Lalalemar	130 120 200 180 160	27 06 09 10 09	24 80 16 28 81	106 106 106 106 106	83.4 82.0 82.0 81.1 79.1	-26 -04 -11 -10 -13	52 48 47 49 46	49 46 43 48 44	2 7 7 2 2	7 7 7 7 7	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	15 15 22 21 21	1 1 1 2 1	170 150 180 160 170	09 04 12 02 12	40 09 20 64 60	106 106 106 106 106	+02 +03 -04 +02 +02	48 48 46 46 45	48 45 45 44 43	6 5 6 5 5	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	15 18 35 35 16	2 1 1 1 2	2 2 1 1 2	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	52 50 51 50 47	0.0 0.0 0.0 0.5 2.8	7 4 5 - 2		
West Wick West Freugh Ramsdellway Lime Dunbecula	120 150 160 120 100	19 16 20 16 10	82 64 81 81 82	106 106 106 106 106	78.4 77.4 76.6 76.6 77.7	-17 -10 -18 -09 -09	52 51 52 50 49	44 47 45 45 47	3 3 2 4 4	3 3 3 3 3	2 2 2 2 2	8 8 8 8 8	8 8 8 8 8	23 25 13 25 35	3 3 3 3 3	150 210 210 130 080	13 11 18 23 07	56 56 81 81 81	106 106 106 106 106	+00 +03 +12 -13 -06	49 48 51 48 47	45 46 43 44 43	5 5 8 8 5	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	3 30 20 25 2	15 18 18 15 30	1 2 1 1 2	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	52 53 52 52 50	1.5 - - 1.7 0.0	1 13 1 10 5		
Stornoway Lange Wrath Ske Skerry West Freugh Lime	120 090 140 080 140	12 19 19 04 18	80 82 82 08 13	106 106 106 106 106	79.9 79.6 83.7 79.0 82.6	-01 -37 +00 -12 -24	49 48 50 49 48	45 46 48 45 48	3 7 7 7 6	2 2 2 2 2	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	30 13 10 33 05	3 3 2 2 1	100 140 140 120 170	07 09 24 10 10	81 83 80 80 56	106 106 106 106 106	-04 +03 -13 -03 -05	47 48 50 49 48	43 46 43 43 42	8 4 7 8 5	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	0 30 10 30 80	2 1 1 1 12	2 1 1 1 1	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	53 50 51 51 50	0.0 - - 1.0 0.0	1 2 6 1 11		
Blackwood Point Main Head Aldergrove	110 150 180 170 130	23 17 09 05 04	24 48 81 81 64	106 106 106 106 106	82.7 82.7 73.2 74.5 75.6	-22 -01 +01 -13 -09	50 48 48 48 48	48 47 46 47 47	6 6 7 7 9	1 1 1 1 3	1 1 1 1 3	8 8 8 8 8	8 8 8 8 8	10 09 21 34 17	6 6 6 6 6	130 120 270 180 190	20 23 13 05 08	80 80 80 80 80	106 106 106 106 106	+05 +06 +05 +05 +07	46 48 47 48 46	42 43 47 40 40	8 7 7 8 8	1 1 1 1 1	1 1 1 1 1	8 8 8 8 8	8 8 8 8 8	3 10 11 83 09	20 - - 3.6 -	2 2 2 2 2	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	cr, m, m cr, m, m cr, m, m cr, m, m cr, m, m	51 49 50 51 49	0.0 0.1 - 2.7 1.5	4 3 3 4 1		
Lange Archdale Ske Skerry Lime Dunbecula Lime	140 160 210 250 270 230	07 09 10 08 01 11	81 50 81 80 81 81	106 106 106 106 106 106	73.3 72.4 74.8 74.6 76.5 76.7	-04 -08 -09 +16 +09 +10	48 45 50 48 52 52	45 43 42 45 44 44	8 3 3 3 3 3	1 1 1 1 1 1	1 1 1 1 1 1	8 8 8 8 8 8	8 8 8 8 8 8																								

## 12h. Ships' Reports



## Chart of Weather in the Northern Hemisphere.



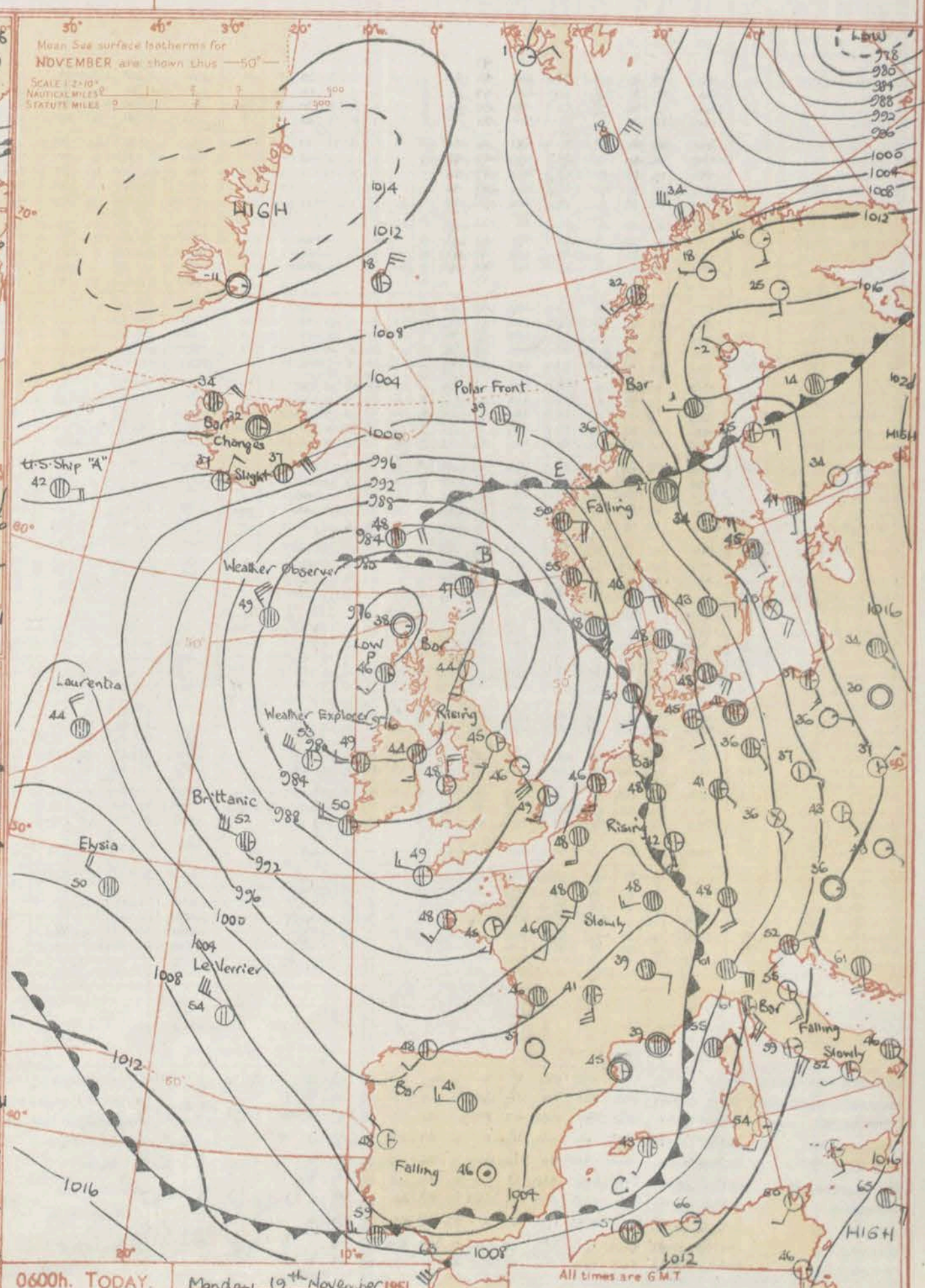
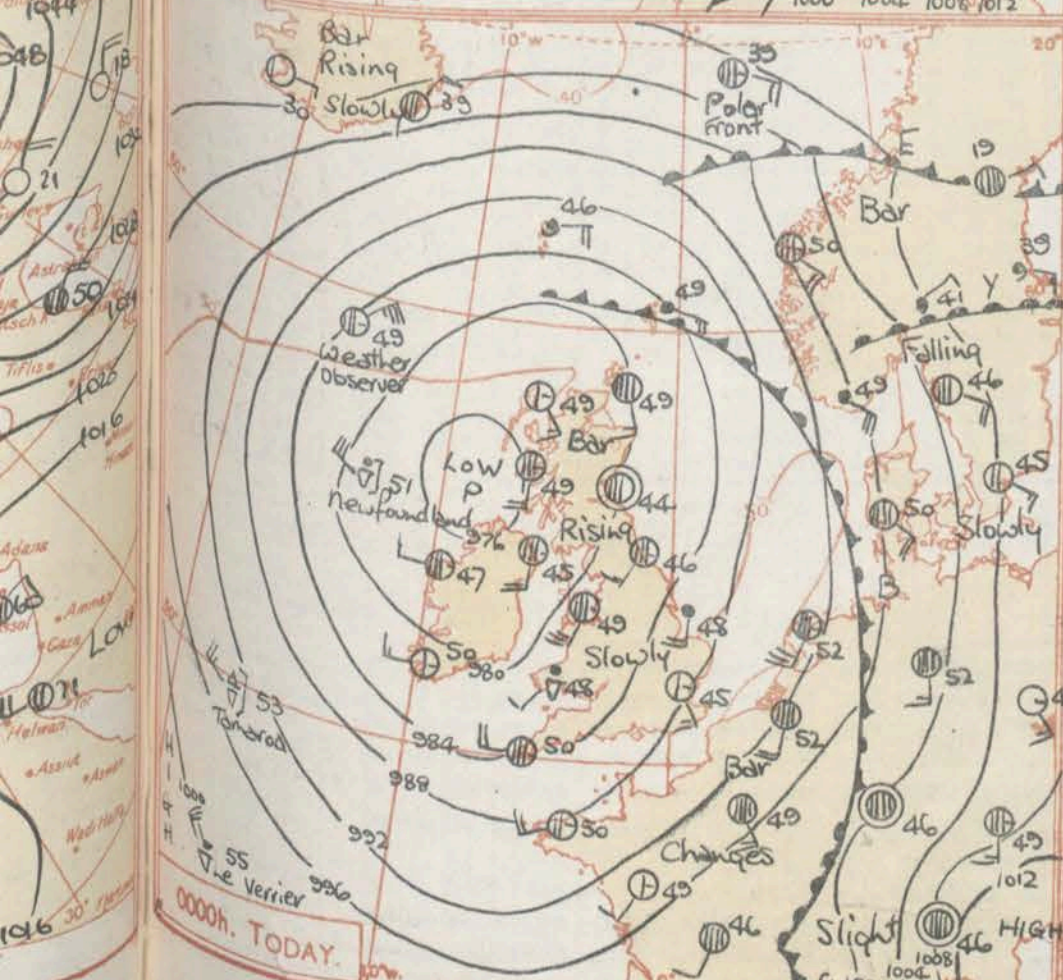
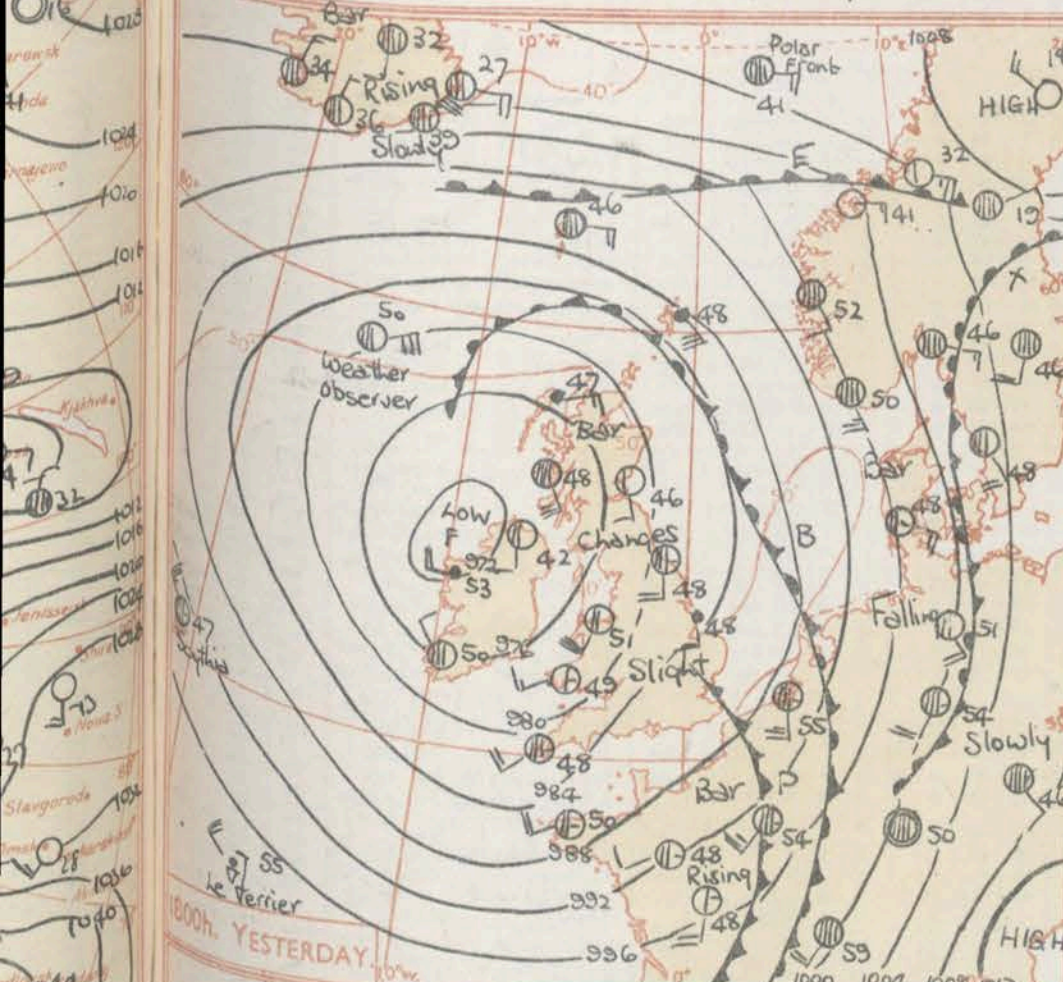


# GENERAL INFERENCE.

The depression off Northwest Scotland is moving away northeast. There will be showers and bright intervals in all areas today. Showers being heaviest near the west and south coasts and isolated thunderstorms may occur. Showers will die out inland tonight and fog patches may develop in sheltered areas toward dawn, dispersing tomorrow morning. Showers are expected again tomorrow but they may be more scattered than today. Temperatures will be generally above the seasonal normal.

# FURTHER OUTLOOK.

Probably fine apart from scattered showers and some morning fog, but there is a chance of further rain reaching the southwest later tomorrow and extending to many areas by Wednesday.



All times are G.M.T.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 19th November 1951.

OBSERVATIONS at 06hr. G.M.T. 19th November 1951.

OBSERVATIONS during NIGHT

STATIONS.	Height above M.S.L.	Wind.			Present Weather.	Pressure.		Temp.		Cloud.						Wind.	Speed (kts.).	Variability.	Present Weather.	Pressure.		Temp.		Cloud.						9h.	Weather.		Temperature		State of ground.													
		Direction (degrees).	Speed (kts.).	Visiblity.		Bar at M.S.L.	Change in 3 hrs.	° of Dry Bulb.	° of Dew point.	Form.										Direction (degrees).	Speed (kts.).	Variability.	Bar at M.S.L.	Change in 3 hrs.	° of Dry Bulb.	° of Dew point.	Form.						21h-03h.	03h-09h.		Min. °F.	Min. of Glass °F.											
										Low.	Medium.	High.	Total amount.	Ant.	Ht.												Ant.	Ht.	Ant.		Ht.	Ant.						Ht.										
																																							0-8	8-16	16-24	24-32	32-48	48-64	64-80	80-100	0-8	8-16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)				
Kew	18																																															
London Airport	82	150	08	36	bc/pr	81.6	+0.9	43	44	2	-	-	3	3	25	-	-	-	170	08	30	pr	81.7	+1.0	43	45	5	-	-	8	8	23	-	-	2	2	45	36										
Lymington	341	190	12	81	c/pr	80.3	+1.4	48	47	3	-	-	7	7	15	-	-	-	160	11	40	c/pr	81.1	+1.1	48	45	9	-	-	7	5	28	-	-	1	1	44	39										
Tangmere	53	200	14	80	bc	81.7	+1.0	50	45	8	-	-	5	3	20	2	20	-	180	22	64	c/pr	82.3	+0.8	51	49	3	-	-	8	8	12	-	-	2	2	46	45										
Calshot	12	220	14	82	bc	81.7	+1.0	51	47	3	-	-	3	3	25	-	-	-	210	11	81	bc	82.0	+0.8	50	46	9	6	-	5	4	20	-	-	2	2	45	45										
Boscombe Down	414	210	07	81	bc/pr	80.7	+0.3	46	44	2	-	-	4	4	22	-	-	-	220	05	80	bc	80.9	+0.9	47	45	2	6	-	5	5	83	3	25	1	1	46	41										
Felixstowe	10	190	06	40	b	80.9	+3.0	49	43	5	-	-	2	2	25	-	-	-	190	05	32	b	80.7	+1.1	51	47	5	-	-	1	1	30	-	-	2	2	49	40										
Gorleston	5	100	08	48	b	80.9	+3.0	47	46	-	-	-	0	0	-	0	-	-	190	08	56	bc	80.9	+0.4	49	48	2	-	-	2	5	1	25	-	-	2	2	45	39									
West Raynham	250	180	14	32	b/r	81.4	+2.2	44	43	-	-	-	1	1	-	-	-	-	180	14	40	b	81.1	+0.7	45	44	-	-	-	1	1	-	-	-	-	-	2	2	42	38								
Mildenhall	15	170	08	32	c	81.0	+2.0	46	43	-	-	-	1	1	-	-	-	-	170	12	48	bc	80.9	+0.8	48	45	5	-	-	3	3	60	-	-	1	1	45	38										
Cranfield	340	180	08	30	b	81.7	+1.1	44	41	-	-	-	2	1	-	-	-	-	170	11	64	pr	81.0	+1.0	47	45	8	-	-	7	7	27	4	15	2	2	43	39										
Elmdon	326	170	06	56	b	81.7	+1.0	44	42	5	-	-	1	1	25	-	-	-	170	12	56	c	81.0	+1.0	47	45	5	-	-	7	7	27	2	19	2	2	44	38										
Cottesmore	452	170	11	81	b	81.0	+1.6	43	41	5	-	-	1	1	50	-	-	-	160	16	24	c	81.1	+0.6	45	44	6	-	-	8	8	04	-	-	1	1	41	39										
Watnall	366	180	12	64	b	81.0	+1.2	45	43	-	-	-	1	1	84	-	-	-	160	10	64	c	81.2	+0.8	45	44	5	-	-	7	7	28	1	10	1	1	43	39										
Ross-on-Wye	223	180	12	64	b	81.0	+1.2	45	43	-	-	-	1	1	84	-	-	-	180	09	81	pr	81.2	+1.2	48	45	8	-	-	8	8	20	-	-	1	1	45	38										
Shawbury	235	110	02	80	b	81.2	+0.3	43	41	5	-	-	1	1	45	-	-	-	180	07	64	c/pr	81.1	+1.0	47	44	8	-	-	7	6	30	2	20	1	1	42	33										
Bristol	192	130	07	80	c/pr	81.3	+0.6	47	46	9	-	-	7	5	12	-	-	-	190	12	80	bc	81.9	+1.5	48	45	2	3	-	5	4	20	-	-	1	1	44	39										
Plymouth	90	240	23	80	bc	81.3	+0.2	53	47	2	-	-	4	4	17	-	-	-	250	04	80	c	81.2	+1.8	51	46	-	-	-	6	6	83	-	-	1	1	44	39										
Chivenor	20	160	12	82	bc/pr	81.0	+0.0	48	46	9	-	-	3	5	16	-	-	-	090	06	82	bc	81.6	+1.4	45	44	2	-	-	5	5	20	-	-	1	1	45	38										
St. Eval	338	200	15	80	c/pr	81.4	+0.8	48	46	3	-	-	3	7	16	-	-	-	160	04	81	bc	81.0	+1.7	46	42	8	-	-	4	3	20	-	-	1	1	44	38										
Culdrose	260	250	22	82	bc	81.5	+1.2	51	47	3	-	-	3	8	15	-	-	-	-	0	82	c	81.7	+1.2	47	44	7	-	-	6	4	18	3	18	1	1	44	48										
Scilly, St. Mary's	163	280	15	82	c	81.6	+1.8	50	45	8	-	-	7	7	20	-	-	-	280	09	82	bc/pr	81.3	+1.4	47	45	2	-	-	4	4	24	-	-	1	1	49	44										
Guernsey	340	230	22	81	b	81.6	+0.7	51	47	9	-	-	2	1	20	2	12	-	210	18	81	bc/pr	81.3	+1.5	51	47	9	-	-	3	2	20	1	16	1	1	49	37										
Aberporth	375	180	10	80	pr	80.9	+0.2	47	45	3	-	-	8	8	15	-	-	-	190	08	81	bc/pr	81.0	+1.9	45	43	9	-	-	3	4	20	-	-	1	1	42	37										
Pembroke Dock	40	200	03	64	pr	80.9	+0.3	48	46	3	-	-	6	6	15	-	-	-	240	03	81	bc	81.0	+1.9	48	44	2	-	-	5	5	18	-	-	2	2	46	37										
Holyhead (Valley)	32	200	17	80	c/pr	80.1	+0.8	49	47	3	-	-	7	7	21	-	-	-	220	12	81	bc	81.3	+1.6	48	46	3	-	-	3	1	20	-	-	1	1	45	42										
Manchester	230	170	10	40	b	81.8	+0.7	46	42	5	-	-	2	2	45	-	-	-	170	13	64	c	81.8	+0.6	47	43	-	-	-	6	6	81	-	-	1	1	44	41										
Squires Gate	33	160	13	40	b	81.1	+1.1	45	42	5	-	-	1	1	45	-	-	-	170	14	28	c	81.9	+0.7	45	42	8	-	-	7	5	40	1	22	1	1	42	38										
Silloth	25	170	10	80	c/pr	79.9	+0.9	47	45	3	-	-	2	6	25	1	02	-	190	08	80	c	81.5	+0.7	45	43	8	-	-	4	4	40	1	25	1	1	42	35										
Finnigley	52	180	10	18	c/r	81.1	+1.2	46	44	5	-	-	8	4	20	-	-	-	180	17	48	c	81.5	+0.6	45	43	5	-	-	8	8	24	-	-	1	1	39	35										
Spurn Head	29	180	15	24	pr	81.8	+1.3	48	48	6	-	-	8	8	15	-	-	-	160	27	24	bc	81.8	+0.5	46	45	5	-	-	3	1	-	2	25	1	1	44	37										



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Tuesday 20th November 1951

OBSERVATIONS at 12h. G.M.T. 19th November 1951

OBSERVATIONS at 18h. G.M.T. 19th November 1951

OBSERVATIONS during DAY

Stations. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.					Wind.			Pressure.	Temp.		Cloud.					21 h. State of ground	Weather.		Max. Temp. 09h-15h. (36)	Sun-shine. (37)	Rain 09h-15h. (38)															
	Direction (degrees)	Speed (kts.)	+ Visibility (miles)		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Wet Bulb	Form.	Total amount.	Main layer.	Lowest layer.	Direction (degrees)		Speed (kts.)	+ Visibility (miles)		Present Weather.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Wet Bulb	Form.	Total amount.		Main layer.	Lowest layer.				09h. to 15h. (34)	15h. to 21h. (35)													
																																	Low.	Medium.	High.	0-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26
Kew ...	210	14	81	pg	92.0	+0.9	50	46	9	-	-	7	7	25	2	10	200	06	30	bc	94.7	+2.1	48	46	4	3	-	3	2	2	45	2	cRph, r, bc, m, w	50	1.4	2									
London Airport	200	15	26	pr	91.8	+0.4	50	46	9	-	-	7	6	18	-	0	180	10	24	b	94.5	+2.3	46	44	5	-	-	1	1	25	1	cRph, r, m, p, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, m, 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## 12h. Ships' Reports

## 18h. Ships' Reports

Ship	Lat. N.	Long. W.	Bar. mb.	Change in 3 hours 0.1 mb.	Wind		Weather		Temp.			Visibility	Cloud					Height ft. of waves	Ship	Lat. N.	Long. W.	Bar. mb.	Change in 3 hours 0.1 mb.	Wind		Weather		Temp.			Visibility	Cloud					Height ft. of waves	
					Direc.	Speed	Pres.	Part	Air °F.	Sea °F.	Dew °F.		Point	Form			Amount							Direc.	Speed	Pres.	Part	Air °F.	Sea °F.	Dew °F.		Point	Form			Amount		
														Low	Med.	High																	Low	Total	Low			Med.
WEATHER OBSERVER	58°54'	16°0'	985	+64	010	34	01r	r	47	50	44	96	6	1	-	4	9	17	WEATHER OBSERVER	53°24'	16°12'	995	+24	300	22	bc	pr	51	53	43	98	8	-	-	4	5	13	
WEATHER EXPLORER	53°42'	14°48'	990	+40	280	33	pg	pr	52	54	44	97	8	-	-	7	7	13	WEATHER EXPLORER	59°06'	15°54'	987	+07	360	28	bc	pr	47	50	45	96	5	7	-	6	7	14	
POLAR FRONT	66°18'	01°30'E	996	-25	090	19	o	c	41	46	37	99	5	-	-	8	8	5	LE VERRIER	45°0'	16°0'	1011	+05	310	20	c	pr	67	59	46	97	8	7	-	9	7	8	
LE VERRIER	45°0'	16°0'	1009	+19	330	20	c	-	57	59	45	97	8	3	2	2	6	6 1/2	POLAR FRONT	66°6'	01°28'E	991	-26	090	18	rr	r	43	47	41	97	5	2	-	7	8	5	
U.S. SHIP "A"	62°0'	33°0'	998	-19	080	14	pg	pr	40	42	33	80	3	7	6	6	7	5	NEW AUSTRALIA	39°42'	09°36'	1011	+25	340	16	bc	bc	57	62	47	99	2	2	-	2	3	6 1/2	
U.S. SHIP "C"	52°48'	35°30'	995	+25	250	30	c	r	50	47	42	80	-	-	6	0	7	8	HOKORATA	41°30'	20°42'	1015	+09	320	01	o	c	61	62	57	98	5	-	-	8	8	13	
U.S. SHIP "D"	54°0'	36°0'	989	-86	130	26	rr	r	45	46	43	97	6	-	-	8	8	6 1/2	MANCHESTER PORT	51°48'	18°36'	999	+15	280	24	o	pr	51	54	45	98	7	7	-	6	8	-	
LAURENTIA	54°30'	24°36'	999	-08	240	15	o	c	47	50	42	98	7	2	-	4	8	8	WANDOVER	60°0'	14°6'	983	+35	010	20	o	jp	d	48	50	44	98	5	-	-	8	8	11
NOBORATIA	42°36'	19°24'	1014	+40	320	16	c	c	57	61	47	98	4	-	-	7	7	13	IRISH CEDAR	47°30'	17°36'	1006	+06	300	16	o	bc	53	54	43	98	8	7	-	5	8	-	
NEWFOUNDLAND	55°24'	18°36'	992	+40	310	31	o	c	51	52	43	98	8	-	-	8	8	-	TAMARCA	42°0'	16°48'	1013	+30	320	12	c	bc	55	57	49	99	8	7	-	3	6	13	
↑ CLOUD																																						



# Chart of Weather in the Northern Hemisphere.



Mid-day (12h) of  
Monday 19<sup>th</sup> November  
1951.

Clark's Projection Scale 1 : 4 × 10<sup>7</sup> along meridian at 55° N.  
50 Miles 0 1 2 3 4

**EXPLANATION OF CHART**

**BAROMETRIC.** Isobars are drawn for intervals of four millibars.

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

**TEMPERATURE** is given in degrees F.

**CLOUD SYMBOLS** ○ Clear sky ○ Sky 1/8 covered ○ Sky 1/4 covered ○ Sky 1/2 covered ○ Sky 3/4 covered ○ Sky obscured.

**WEATHER SYMBOLS** ● Rain falling \* Snow \* Sleet △ Hail ≡ Fog = Mist T Thunder T Thunderstorm

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

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

All times are GMT

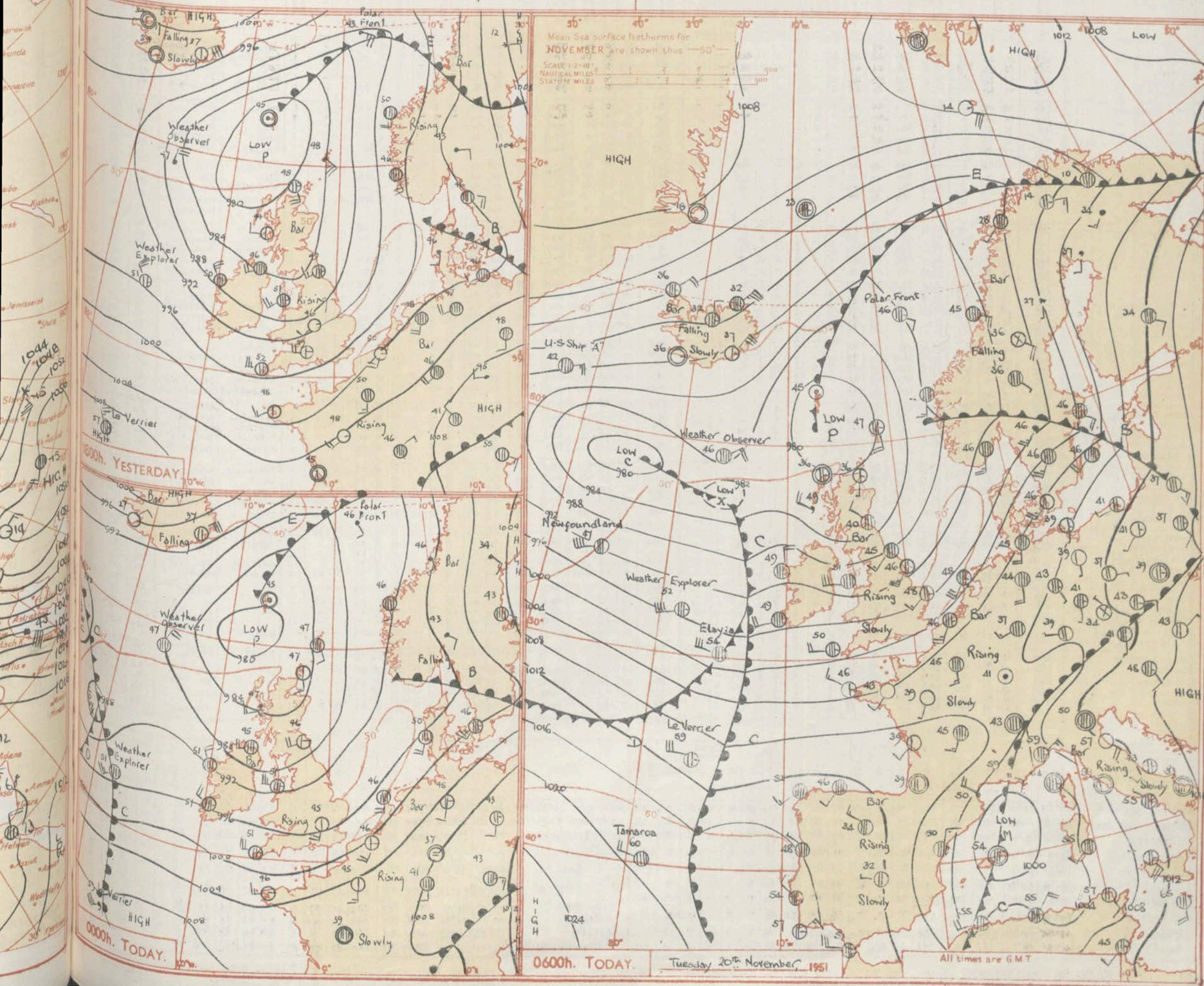


# GENERAL INFERENCE.

The depression off north Scotland is slow moving and is expected to absorb the low advancing eastward from the Atlantic in its circulation. Over England and Wales and eastern Scotland weather will be mainly bright at first but there will be scattered showers. Outbreaks of rain in western Scotland at first will soon die out but further rain spreading eastward has reached Ireland and will cross all areas, reaching eastern England after dark tonight. Amounts are however not expected to be large in the south. Variable skies with some showers will follow the rain quickly from the west.

# FURTHER OUTLOOK.

Sunny intervals. Some showers mainly in the north and west.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 20 <sup>th</sup> November, 1951.																	OBSERVATIONS at 06hr. G.M.T. 20 <sup>th</sup> November, 1951.																	OBSERVATIONS during NIGHT									
STATIONS.	Height above M.S.L.	Wind.		Visibility	Present Weather.	Pressure.		Temp.		Cloud.						Wind.	Speed (kts.)	Visibility	Present Weather.	Pressure.		Temp.		Cloud.						State of ground	Weather.		Temperature 21 hr. - 09 hr.										
		Direction (degrees).	Speed (kts.).			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).					Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Total amount.	Main layer.	Lowest layer.	21hr to 03hr.	03hr to 09hr.		Min. °F.	Max. °F.											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)						
Kew ...	18																																										
London Airport	82	190	11	24	b	95.4	+0.1	45	43	5	2	2	1	40	-		200	08	30	bc	97.0	+1.0	48	45	5	3	26	-		1	bm, w	bm, w, bc, m, w	46	40									
Lymington	341	220	12	64	bc, pr	97.4	+0.1	47	47	3	3	3	3	18	-		230	14	56	bc	97.0	+1.0	47	44	5	5	45	-		2	bm, w, bc, m, w	bm, w, bc, m, w	44	40									
Tangmere	53	230	14	40	pr	96.8	+0.5	50	46	8	7	7	7	13	2	20	240	06	40	b	98.2	+0.8	49	46	1	2	50	-		1	bc, pr, m	bc, pr, m	45	44									
Calshot	12	250	07	80	bc, pr	96.0	+0.3	49	45	3	4	4	4	18	-		240	08	80	b	98.2	+1.2	50	46	1	2	80	-		1	bc, bc, pr, bc	bc, bc, pr, bc	49	44									
Boscombe Down	414	240	08	64	bc	95.6	+0.4	44	44	5	3	5	3	40	-		240	10	80	bc	97.8	+1.6	44	43	5	3	40	-		1	bw, bcw	bw, bcw	41	38									
Felixstowe	10	200	15	64	b	96.1	+0.1	50	47	3	3	1	1	83	-		200	13	56	bc	96.8	+0.6	50	46	1	7	81	-		2	b	b	49	44									
Gorleston	5	190	10	56	b	94.9	+0.1	48	47	4	1	1	1	-	-		230	10	64	bc	95.4	+0.1	48	46	1	5	65	-		1	b, b	b, b	47	42									
West Raynham	250	190	15	24	b	93.3	+0.4	44	43	-	-	0	0	-	0	-	200	18	32	b	94.0	+0.6	44	42	-	0	-	0	-	1	bm	bm, m, bm	43	39									
Mildenhall	15	200	13	40	b	94.0	+0.4	47	45	-	-	0	0	-	0	-	200	12	56	b	94.9	+0.8	47	45	-	1	80	-		1	bm, bc	bm, c, pr, b	45	39									
Cranfield	340	210	15	48	c	93.8	+0.0	46	42	3	6	6	1	80	-		220	14	80	b	95.4	+1.0	45	43	-	0	-	0	-	1	bc, c	bc, c	43	39									
Elmdon	328	210	17	80	c	92.0	+0.2	47	44	5	-	7	7	63	2	10	210	12	64	b	93.8	+1.1	45	43	5	1	50	-		2	cir, c	bc, c	44	40									
Collesmore	452	180	15	48	c	92.0	+0.4	45	43	5	7	7	5	83	2	-	190	14	48	c	93.4	+1.0	45	43	6	5	-	7	4	10	-	1	bm, c, cir, m	bc, m, b, c, b	43	40							
Watnall	368	200	14	64	c	90.9	+0.6	46	44	-	7	7	7	-	-	-	220	07	32	c	92.4	+0.9	46	44	6	6	25	5	14	-	1	bm, m, cir, bc	bm, c, bc, m	44	40								
Ross-on-Wye	223																210	10	81	b	95.1	+0.8	46	42	1	1	30	-		1	cpe, bc	bc, bc	46	40									
Shawbury	235	210	07	81	1/2	90.6	+0.7	48	44	5	7	7	5	40	1	20	240	08	80	pr	92.4	+0.8	47	43	8	4	45	1	25	1	cir, c	cir, c, pr, bc	46	40									
Bristol	192	200	12	80	bc	93.7	+0.5	48	45	2	3	5	5	83	3	20	200	11	80	c, pr	96.0	+1.6	47	45	2	3	-	6	4	20	-	2	c, pr, bc	bc, pr, bc	46	40							
plymouth	90	250	15	48	b	97.1	+1.5	51	47	5	-	1	1	20	3	-	250	13	48	bc	98.9	+0.6	51	45	2	-	-	3	3	20	-	1	bm, m, w	bm, w, bc, m	50	48							
Chivenor	20	270	22	80	c, pr	95.6	+1.5	52	48	3	-	6	6	15	-	-	260	18	81	b	97.2	+0.7	50	46	1	-	-	2	2	25	-	1	bc, pr, pr, b	bc, pr, pr, b	50	48							
St. Eval	338	260	22	81	bc	97.5	+1.5	51	46	2	-	5	5	20	-	-	250	14	81	bc	98.8	+0.5	50	45	2	-	-	5	5	20	-	1	bc, pr, bc	bc, pr, bc	49	43							
Colldrose	260	280	15	82	bc	97.8	+1.4	50	45	-	3	1	1	80	-	-	270	13	82	pr	98.8	+0.4	50	45	2	3	-	2	2	20	-	1	b	bc, pr, c	bc, pr, c	49	40						
Seilly, St. Mary's	183	270	18	82	bc	97.8	+1.4	51	47	8	-	5	5	20	-	-	260	15	82	c	99.0	+0.3	50	46	8	-	-	7	7	20	-	1	bc, pr	bc, pr	49	45							
Guernsey	340	290	08	80	c, pr	99.0	+0.8	48	46	3	-	7	6	18	4	10	270	14	81	pr	01.1	+1.0	50	46	3	-	-	6	5	18	3	10	2	bc, pr	bc, bc, pr, bc	48	38						
Aberporth	375	270	15	40	pr	92.4	+1.9	49	47	9	-	8	8	12	-	-	250	15	81	c	94.2	+0.6	48	43	8	-	-	6	5	25	3	20	1	c, pr	c, pr, c	47	45						
Pembroke Dock	40	200	18	81	bc	93.9	+1.9	52	47	2	6	5	4	80	2	18	260	14	81	bc	95.5	+0.7	51	45	5	-	-	5	5	40	-	1	c, pr, m, bc	bc, pr, c	49	47							
Holyhead (Valley)	32	270	19	80	c	89.5	+3.1	51	49	8	-	7	5	33	3	20	260	24	80	o	90.6	+0.8	51	49	6	-	-	8	7	35	4	25	1	bc, pr	c	49	43						
Manchester	230	220	14	40	c, r	88.7	+0.0	48	44	6	-	7	7	40	3	17	190	10	48	c, pr	90.6	+0.4	46	43	8	-	-	7	7	40	2	20	2	cir, m, bc, pr	bc, pr, c, cir	45	45						
Squires Gate	33	270	22	80	bc	87.3	+1.0	51	46	8	3	5	4	20	-	-	240	22	80	c, pr	88.8	+0.3	50	47	8	-	-	8	7	17	1	12	1	cir, m, bc, pr	c, pr	47	43						
Silloth	25	250	10	81	c	84.6	+0.9	48	46	5	7	7	2	25	-	-	240	15	48	c, r, o	84.7	-0.9	49	48	6	7	-	7	5	20	4	15	2	cir, m, bc	c, pr, m, bc	47	41						
Finningley	52	200	17	40	c, r	89.2	+0.5	46	42	5	5	7	4	50	-	-	200	15	48	c	91.0	+1.2	46	42	1	4	1	7	3	35	-	-	1	cir, c, pr, m	bm, bc, m	48	42						
Spurn Head	29	180	24	40	bc	91.0	+0.7	45	45	-	1	4	4	83	-	-	260	18	48	bc	91.3	+0.7	46	44	5	-	-	5	5	20	-	-	1	bc	bc	45	41						
Dishforth	106	170	12	24	c, r	87.5	+1.1	46	43	5	2	8	8	40	4	23	190	11	80	pr	88.4	+0.7	48	44	8	-	-	8	8	51	3	18	1	c, pr, m, bc	c, pr, m, bc	44	36						
Tynemouth	108	230	12	32	bc	85.6	+1.1	46	42	5	-	3	3	28	-	-	230	10	56	o	85.9	+0.3	45	41	5	-	-	8	8	24	-	-	1	bc, pr, bc	c, pr, m	44	37						
Leuchars	36	230	08	80	c, r	82.1	+1.8	46	44	5	-	7	7	30	-	-	300	05	48	c	82.3	+0.1	40	39	5	-	-	6	6	30	-	-	1	c, r, r, c, b	b, bc, m	39	39						
Eskdalemuir	794																200	09	48	pr	83.5	+0.8	44	43	3	-	-	8	8	08	-	-	2	c, pr, c	c, r, m	41	39						
Prestwick	30	250	08	40	bc	84.8	+1.4	46	44	5	-	4	4	40	-	-	250	15	64	c, r, o	83.0	+1.5	49	48	7	2	-	8	8	28	4	10	2	c, m, bc, c, r	c, r, m, pr, c	44	41						
West Freugh	52	290	16	81	bc	85.0	+1.7	46	44	2	3	3	1	26	-	-	300	21	64	c, r	84.6	+0.4	50	47	5	4	-	8	7	20	1	09	1	bc, c	cir, c	45	44						
Ronaldsway	55	260	20	82	c	87.2	+2.7	49	45	8	-	7	7	60	3	20	260	22	82	o	87.6	+0.1	50	46	9	6	-	8	5	16	-	-	1	c, pr	pr, c	48	34						
Tiree	29	240	08	81	pr	82.5	+0.2	47	44	8	-	7	6	40	3	20	290	12	80	id.	81.3	+0.0	49	47	8	-	-	7	6	27	2	16	2	bc, pr, o, r	cir, o, r, pr	42	31						
Benbecula	16	180	06	83	b	81.5	+0.1	48	39	8	-	1	1	23	-	-	190	06	40	pr	79.4	+1.0	48	47	8	-	-	8	7	35	1	10	1	bw, bc	bc, pr, r, c	38	31						
Stornoway	10	240	07	81	b	81.4	+0.1	44	40	5	-	2	2	50	-	-	-	0	82	bc	80.2	+0.5	36	36	8	-	-	5	4	50	1	30	2	bc, b	bc, c, x	34	25						
Cape Wrath	367	230	02	83	bc	81.9	+0.0	45	43	4	-	3	3	30	-	-	230	05	82	c	79.9	+1.0	44	42	5	-	-	7	7	30	-	-	1	bbc	c, pr	43	35						
Sule Skerry	43																-	0	82	b	79.1	+2.0	40	43	2	-	-	1	7	20	-	-	0	-	-	46	39						
Renfrew	30	260	01	24	b	83.2	+1.5	44	43	5	-	2	2	36	-	-	230	01	48	pr	82.4	+0.8	45	45	3	3	-	6	5	12	-	-	2	c, r, o, bc	c, pr, c, r, o	42	35						
Dyce	234	170	09	48	pr	82.5	+1.5	46	41	8	3	7	5	18	-	-	-	0	64	c, d	81.5	+0.4	44	41	8	3	-	7	5	31	2	20	1	c, pr	c, bc	41	35						
Wick	119	180	08	81	b	82.0	+1.0	47	42	5	2	2	1	30	-	-	270	03	81	bc	80.0	+0.9	36	35	-	3	2	3	1	83	-	-	1	bc	cir, bc	34	26						
Lerwick	269	150	15	64																																							

00h. Ships' Reports																	06h. Ships' Reports																			
Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0.1 mb	Wind		Weather		Temp.			Visibility	Cloud					Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0.1 mb	Wind		Weather		Temp.			Visibility	Cloud				
					Direc.	Speed	Pres.	Part	Air °F	Sea °F	Dew °F		Point	Form	Amount	Direc.	Speed							Pres.	Part	Air °F	Sea °F	Dew °F	Point	Form		Amount				
																																	Low	Med.	High	Low
WEATHER OBSERVER	58° 54'	16° 0'	988	+12	020	12	0	r	47	50	44	97	5	7	-	5	8	9 1/2	WEATHER OBSERVER	59° 0'	15° 54'	984	-15	060	16	0	r	46	50	42	97	5	1	-	7	9
WEATHER EXPLORER	53° 6'	17° 24'	984	-07	240	19	0	r	51	54	42	97	5	7	-	8	8	24	WEATHER EXPLORER	52° 42'	18° 36'	993	+07	260	36	C	C	52	54	51	97	5	3	-	4	7
LE VERRIER	45° 0'	16° 0'	1009	-20	240	28	id	d	59	59	55	96	6	2	5	8	8	8	LE VERRIER	45° 0'	16° 0'	1010	+07	290	24	bc	d	59	59	54	97	5	-	-	5	5
POLAR FRONT	66° 0'	01° 42'E	989	-14	130	03	66	r	46	45	45	98	7	2	-	6	8	3	POLAR FRONT	66° 6'	01° 36'	986	+12	120	06	C	r	46	45	45	97	5	-	-	7	8
U.S. SHIP 'A'	62° 0'	33° 0'	992	-07	050	20	id	pr	39	42	34	80	4	-	-	8	8	-	U.S. SHIP 'A'	62° 0'	33° 0'	992	+11	070	18	0	d	42	42	35	74	7	1	-	6	11
U.S. SHIP 'C'	52° 48'	35° 18'	1001	+14	270	18	0	C	49	49	39	80	5	-	-	8	8	11	U.S. SHIP 'C'	52° 48'	35° 18'	1004	+21	280	29	C	C	45	47	35	80	2	6	-	5	8
U.S. SHIP 'D'	44° 0'	41° 0'	1014	+08	210	25	bc	C	67	64	64	74	5	-	-	3	3	6 1/2	U.S. SHIP 'D'	44° 0'	41° 0'	1015	+05	240	10	pr	C	66	66	64	13	8	-	-	8	8
BRITANNIC	50° 18'	23° 24'	1001	+40	270	18	C	C	56	56	54	98	5	4	-	6	6	8	TAMAROA	40° 18'	19° 36'	1018	+10	290	12	0/d	d	60	58	58	97	8	1	-	8	8
DEVONSHIRE	44° 54'	09° 48'	1008	+01	260	20	0	C	55	62	45	98	8	-	-	8	8	-	ELAYIA	50° 54'	15° 48'	996	-04	280	24	0	C	54	56	50	97	6	-	-	6	6
TAMAROA	41° 6'	18° 12'	997	+20	290	12	bc	bc	60	58	58	99	5	1	-	3	4	6 1/2	NEWFOUNDLAND	54° 42'	25° 42'	989	-05	260	37	q/c	pr	47	50	40	98	3	-	-	-	-

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\* Information not usually received.

† Code figure (see Introduction)



Wednesday 21<sup>st</sup> November 1951

1951

[illegible]

## 12h. Ships' Reports

Amount				Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb.	Wind				Temp.		Visiblity.	Cloud				Height of waves ft.		
High	Low	Total	ft.						Direc.	Speed	Pres.	Part	Air °F	Sea °F		Dew Point °F	Amount					
																	Low	Med.	High		Low	Total
7	8	11		WEATHER EXPLORER	52°30'	19°36'	995	+15	270	38	C	0	51	54	45	97	8	-	-	3	7	14
4	7	6		WEATHER OBSERVER	53°06'	15°42'	982	-09	070	17	PC	7	45	50	41	97	7	2	-	5	8	9 1/2
5	5	19		POLAR FRONT	66°12'	01°36'E	985	-06	140	06	C	bc	46	45	45	97	6	4	9	4	7	8 1/2
7	7	8		LEVERRIER	45°0'	16°0'	1012	+00	270	29	O	C	59	59	55	97	5	-	-	8	8	19
3	8			U.S. SHIP "A"	62°0'	33°0'	995	+20	040	17	C	C	41	42	33	80	8	-	-	5	7	8
5	6	11		U.S. SHIP "C"	53°0'	35°36'	1010	+28	290	29	bc	C	46	48	34	80	2	-	-	5	5	11
8	8	6		U.S. SHIP "D"	44°0'	41°0'	1017	+09	220	05	Co	Co	65	60	64	09	6	2	-	6	8	6 1/2
3	3	8		LAURENTIA	55°24'	13°54'	983	-12	270	25	bc	bc	51	53	45	98	2	-	-	4	4	6 1/2
6	6	8		PRETORIA CASTLE	37°36'	13°42'	1021	-04	300	08	C	b	66	66	61	99	1	-	-	2	3	1 1/2
6	6	8		ELYSIA	51°6'	13°30'	998	-10	270	30	ld	C	54	55	50	98	6	-	-	8	8	13
				WEATHER EXPLORER	52°30'	19°48'	998	+32	280	48	C	C	48	53	42	97	8	-	-	4	7	25 1/2
				WEATHER OBSERVER	59°06'	15°42'	983	+17	040	23	bc	pr	45	49	36	98	8	3	1	2	5	9 1/2
				LE VERRIER	45°0'	16°0'	1012	+06	280	28	id	C	61	60	59	96	6	-	-	8	8	8
				POLAR FRONT	66°0'	02°0'E	983	-05	120	08	id	r	46	45	45	97	5	2	-	6	8	19
				U.S. SHIP "A"	62°0'	33°0'	999	+19	090	06	p	p	41	41	34	74	8	7	-	5	8	8
				U.S. SHIP "C"	52°42'	35°13'	1014	+14	280	27	bc	bc	45	48	36	80	4	-	-	4	4	9 1/2
				U.S. SHIP "D"	44°18'	41°12'	1016	-07	120	16	Co	r	68	62	63	80	2	7	-	8	8	5
				POLAR MAID	45°12'	16°48'	1014	+18	280	30	p	d	59	59	59	94	-	-	-	-	-	-
				ESSO PLYMOUTH	43°36'	28°36'	1022	+20	260	15	id	C	63	59	61	97	8	-	-	8	8	5
				REGENT HAWK	47°18'	09°0'	1003	-10	250	18	id	d	55	57	55	97	6	-	-	8	8	9 1/2

\* Information not usually received.

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



[illegible]

2004 Tuesday 20<sup>th</sup> Novemb

1951

**BAROMETER.** Isobars are drawn for intervals of four millibars.  
**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.—  
**TEMPERATURE** is given in degrees F.  
**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 falling \* Snow ❄ Sleet  
 △ Hail ≡ Fog = Mixt T Thunder ⚡ Thunderstorm

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

	= Warm Occlusion
	= Cold Occlusion
	= Line of Frontogenesis
	Short strokes across the frontal line indicate Frontolysis.

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

All times are G.M.



### GENERAL INFERENCE.

The complex depression over the North Sea will be transferred eastward. All areas will have showers and bright intervals. The showers will be heavy at times in the west and north with thunder and hail in places. It will be generally rather cold and in some sheltered inland areas ground frost may develop tonight. Northwesterly winds will reach gale force in exposed places in the west and north.

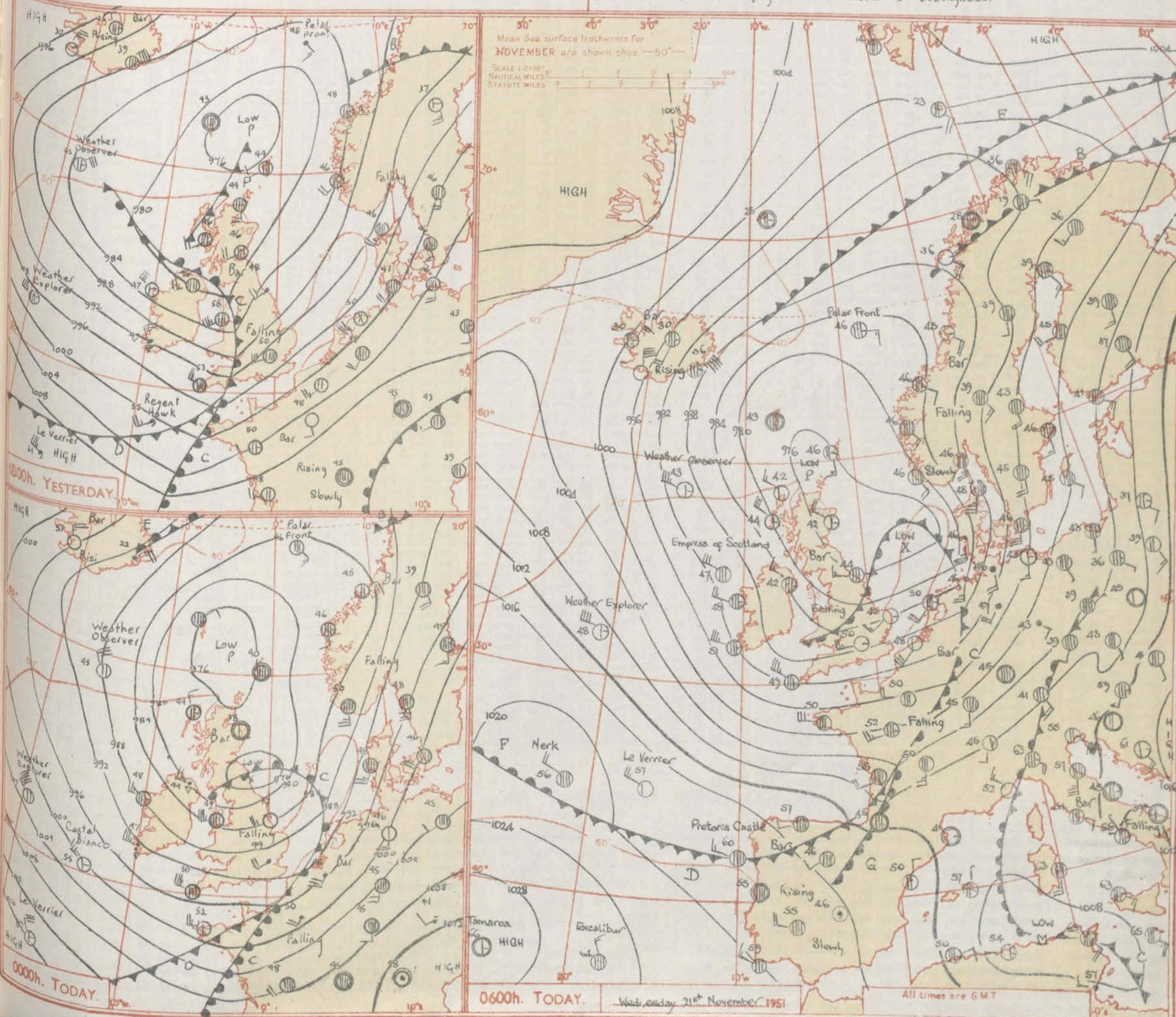
### FURTHER OUTLOOK.

The showery weather will probably be followed by rain spreading from the West to many areas.

North cones are flying along coasts of the British Isles from Portsmouth to Clyde, from Malinbeg to Whiten Head, and from Howth to Loch Foyle; also on Channel Isles and Isle of Man.  
 South cones are flying from Portsmouth to Beachyhead.

Mean Sea surface isotherms for NOVEMBER are shown thus — 50°

SCALE 1:2400  
NAUTICAL MILES  
STATUTE MILES



0600h. TODAY.

Wednesday 21st November 1951

All times are GMT



11/10/2000

OBSERVATIONS during NIGHT

10

### 06h. Ships' Reports

St.

\* Information not usually received.

Low



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Thursday 22nd November, 1951

OBSERVATIONS at 12h. G.M.T. 21st November 1951

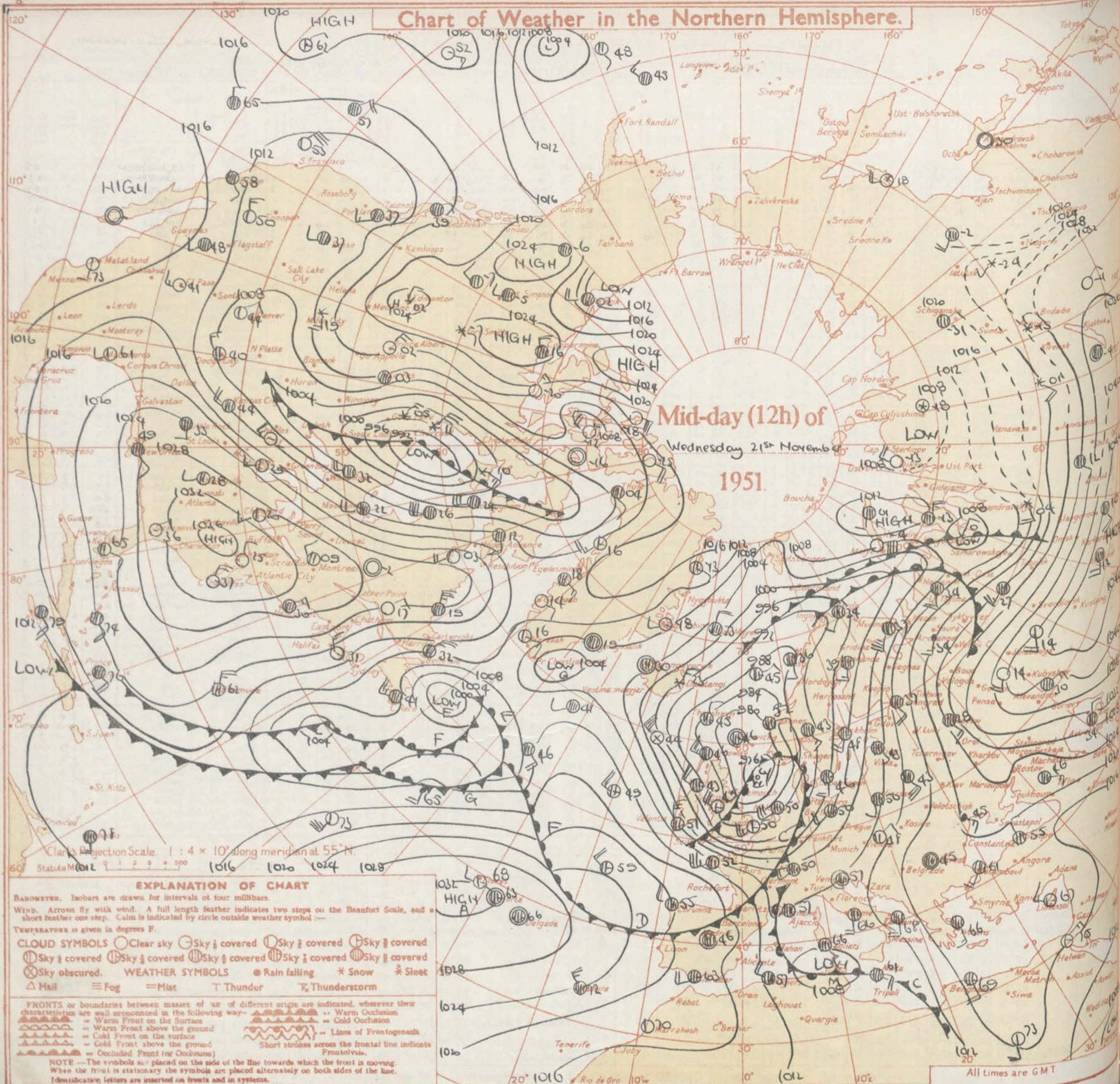
OBSERVATIONS at 18h. G.M.T. 21st November 1951

OBSERVATIONS during DAY

Stations. (For heights see p. 4)	Wind.			Presat. Weather.	Pressure.		Temp.		Cloud.						Wind.			Presat. Weather.	Pressure.		Temp.		Cloud.						21 h. State of ground.	Weather.			Max. Temp. 00h.- 21h. °F.	Sun- shine. 00h.- 21h. mm.	Rain 00h.- 21h. mm.		
	Direction (degrees).	Speed (kts.).	+ - -		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Wet Bulb. °F.	Dew point. °F.	Form.			Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	+ - -		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Wet Bulb. °F.	Dew point. °F.	Form.			Main layer.	Lowest layer.		09h. to 15h. (34)	15h. to 21h. (35)						
										Low.	Medium.	High.												Low.	Medium.	High.						Low.				Medium.	High.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)
Kew ...	250	13	72	bc	87.6	+10	48	40	2	7	2	5	2	35	2	20	28.0	11	46	bc	35.7	+45	46	36	-	-	2	3	-	-	1	bccz	c2, bwcbbcw	50	4.3	0.2	
London Airport ...	240	16	81	bc	87.7	+11	49	41	1	1	1	2	3	28	-	-	28.0	11	80	b	35.4	+47	46	38	5	-	1	1	35	-	1	bccpr, moc	c2, bbc	50	-	0.3	
Lymington ...	270	14	83	b	87.9	+04	51	42	1	-	-	2	1	18	-	-	28.0	14	48	b	34.2	+44	44	41	-	-	-	-	-	2	bccpr, moc	bccpr, b1b	53	6.7	0.1		
Tangmere ...	280	14	82	c	89.2	+03	51	40	2	6	3	6	2	25	-	-	30.0	12	80	b	37.3	+52	46	39	-	-	-	-	-	1	c	c1, b	52	4.3	0.1		
Calshot ...	280	11	80	bc	89.9	+03	49	42	9	-	3	5	2	25	-	-	28.0	09	82	b	38.0	+48	46	37	-	-	-	-	-	0	bccpr	cpr, bbbv	51	3.5	0.1		
Boscombe Down ...	310	13	87	bc	89.1	+02	48	44	2	-	1	4	2	20	1	22	33.0	14	80	b	38.1	+46	43	36	-	-	-	-	-	1	cpr, bccir	cpr, b	48	2.3	1		
Felton ...	240	18	49	c	86.0	+04	49	42	6	3	1	7	7	81	4	18	18.0	18	64	b	32.3	+40	48	39	-	-	-	-	-	2	cpr, c	cpr, b	51	1.5	0.6		
West Raynham ...	240	11	40	dir	83.6	+08	46	44	7	7	-	8	8	-	4	10	28.0	05	32	b	38.3	+33	45	44	5	-	1	1	26	-	1	arrbc	cbl	47	0.8	0.3	
Mildenhall ...	250	12	48	dir	83.9	+16	45	42	5	7	-	8	8	-	4	20	27.0	16	32	b	36.4	+40	43	37	-	-	-	-	-	1	crr, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, 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m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, m, crr, 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## Chart of Weather in the Northern Hemisphere.

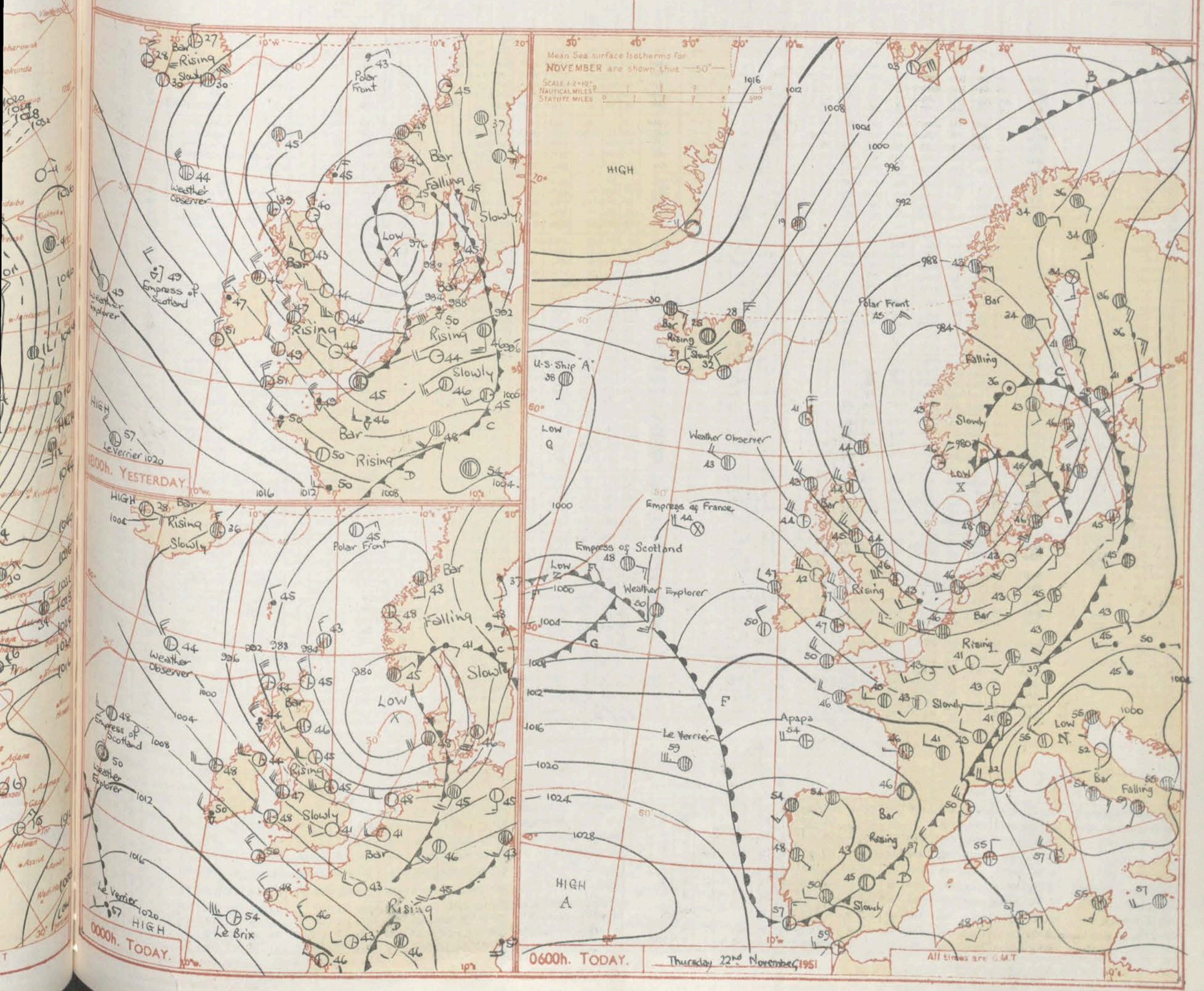




**GENERAL INFERENCE.**  
A ridge of high pressure is crossing the country and a depression some 600 miles west of Ireland is moving quickly east. Most parts of Great Britain will have fine weather today but cloud and rain which is expected to spread across Ireland this afternoon will extend to much of England, Wales and Southern Scotland during the night. At present it seems unlikely that the rain will affect northern districts of Scotland and in these areas ground and slight air frost may occur tonight.

**FURTHER OUTLOOK.**  
Rain or showers at times in most places.

Gale Warning.  
↑ North coasts are flying along coasts of the British Isles from Blackwater to Whiten Head.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at oohr. G.M.T. 22nd November, 1951																	OBSERVATIONS at o6hr. G.M.T. 22nd November, 1951																	OBSERVATIONS during NIGHT				
Stations.	Height above M.S.L.	Wind.		+ Visibility (miles)	Present Weather.	Pressure.		Temp.		Cloud.							Wind. Direction (degrees)	Speed (kts.)	+ Visibility (miles)	Present Weather.	Pressure.		Temp.		Cloud.							g.h. State of ground	Weather.		Temperature.			
		Direction (degrees)	Speed (kts.)			Bar at M.S.L. mb.	Change in 3 hrs.	Dry Bulb (°F)	Dew point (°F)	Form.			Main layer Total amount 0-8 9-8 9-8	Lowest layer Amount 0-8 9-8	Ht. (ft.)	Bar at M.S.L. mb.					Change in 3 hrs.	Dry Bulb (°F)	Dew point (°F)	Form.			Main layer Total amount 0-8 9-8 9-8	Lowest layer Amount 0-8 9-8	Ht. (ft.)	23 h. to 03 h. (39)	03 h. to 09 h. (40)		Min. (°F)	Max. (°F)	Mean (°F)			
										Low	Medium	High												Low	Medium	High										Low	Medium	High
Kew ...	18				b	99.1	+12	41	36	-	-	-	-	-	-	280	12	30	bc	00.6	+07	44	34	5	-	-	-	-	-	1	bcmow	bcmow cmo	42	37	-			
London Airport	82	260	11	64	b	99.1	+12	41	36	-	-	-	-	-	-	270	16	30	bc	00.4	+02	43	34	5	-	-	-	-	-	1	b	bcc	39	35	-			
Lymington	341	270	10	80	b	98.9	+13	41	36	-	-	-	-	-	-	270	12	30	bc	00.1	+01	41	35	5	-	-	-	-	-	1	blw	bwc	39	37	-			
Tangmere	53	280	09	80	b	01.3	+17	43	36	-	-	-	-	-	-	290	06	30	b	02.9	+06	42	36	5	-	-	-	-	-	1	bv	bvc	38	31	-			
Calshot	12	290	13	82	b	01.7	+14	44	36	-	-	-	-	-	-	290	09	32	b	03.7	+09	44	36	5	-	-	-	-	-	0	bv	bvbcbvcbvcb	38	39	-			
Boscombe Down	414	330	08	81	b	01.7	+16	40	35	-	-	-	-	-	-	320	11	31	bc	03.5	+11	41	36	5	-	-	-	-	-	1	bwb	bccb	40	34	-			
Felixstowe	10	240	17	48	b	96.5	+19	45	41	-	-	-	-	-	-	250	20	18	bc/pr	97.3	+02	40	39	5	-	-	-	-	-	1	cbe	cprc	47	39	-			
Gorleston	5	280	16	48	b	93.1	+14	43	39	5	-	-	-	-	-	250	11	56	ir	94.3	+06	43	42	7	-	-	-	-	-	1	bmolepr	cirabem	47	35	-			
West Raynham	250	260	19	82	c	93.6	+15	42	46	5	-	-	-	-	-	290	21	30	o	95.1	+11	43	40	5	-	-	-	-	-	1	bmoepr, moom	cpr, moc	40	37	-			
Mildenhall	15	270	15	80	bc	95.4	+16	42	38	5	-	-	-	-	-	260	17	31	o	97.1	+10	45	43	5	-	-	-	-	-	1	bobe	c	41	37	-			
Cranfield	340	250	13	81	b	97.4	+16	41	34	-	-	-	-	-	-	270	15	30	c	98.9	+09	44	36	5	-	-	-	-	-	1	b	bcir.c	41	38	-			
Elmdon	326	250	13	86	b	97.3	+12	43	35	-	-	-	-	-	-	270	17	64	o	99.3	+16	45	37	5	-	-	-	-	-	1	bcpr	cir.b	42	36	-			
Collesmore	452	290	24	80	bc	94.6	+10	43	36	5	-	-	-	-	-	290	20	64	ir	97.0	+17	43	41	6	-	-	-	-	-	1	bcbce	cir, bcm	48	38	-			
Watnall	366	270	20	80	bc	94.8	+10	43	38	5	-	-	-	-	-	300	13	30	o	97.4	+20	45	41	8	-	-	-	-	-	1	cpr, cido	cido, czo	41	38	-			
Ross-on-Wye	223															240	08	31	c	02.9	+12	45	34	5	-	-	-	-	-	1	bbe	bcbcb	44	37	-			
Shawbury	235	270	20	81	b	97.7	+13	43	36	4	-	-	-	-	-	270	21	31	c	00.3	+15	46	36	5	-	-	-	-	-	1	bcir.c	cbe	43	36	-			
Bristol	192	260	16	81	b	01.0	+10	45	36	-	-	-	-	-	-	270	04	31	b	02.2	+02	44	37	-	-	-	-	-	-	1	bcbpr, bce	bcbce	46	42	-			
Plymouth	90	310	11	64	c/pr	06.3	+22	48	41	5	-	-	-	-	-	290	20	64	b	07.1	-01	47	39	-	-	-	-	-	-	1	bprb	bce	46	45	-			
Chivenor	20	290	30	82	bc	05.0	+16	49	35	2	-	-	-	-	-	300	25	52	c	07.6	+13	48	36	2	-	-	-	-	-	1	bc	c	46	42	-			
St. Eval	336	320	20	66	b	07.3	+11	48	37	8	-	-	-	-	-	300	10	50	b	08.7	+00	48	39	-	-	-	-	-	-	1	bbe	cbbcepr	46	42	-			
Culdrose	260	310	18	82	b	07.1	+09	47	39	2	-	-	-	-	-	300	11	31	bc	08.4	+02	47	43	2	-	-	-	-	-	1	bc	bcbcepr	47	43	-			
Scilly, St. Mary's	163	320	17	82	bc	08.1	+10	50	41	2	-	-	-	-	-	320	18	32	c	09.1	-04	50	45	8	-	-	-	-	-	1	bceprc	cpr	48	43	-			
Guernsey	340	320	28	82	c	06.6	+07	50	39	8	-	-	-	-	-	320	23	32	bc	07.4	-02	49	39	2	-	-	-	-	-	1	cbe	prbc	48	41	-			
Aberporth	375	300	25	82	c	03.0	+16	46	35	2	-	-	-	-	-	300	20	31	c	05.7	+11	46	35	2	-	-	-	-	-	1	c	prbc	45	41	-			
Pembroke Dock	40	280	19	81	c	05.1	+19	48	36	8	-	-	-	-	-	280	15	31	bc	07.4	+14	47	36	8	-	-	-	-	-	0	bbe	bcbcb	46	39	-			
Holyhead (Valley)	32	300	25	80	c	98.9	+08	47	43	2	-	-	-	-	-	310	25	31	c	03.2	+32	47	42	8	-	-	-	-	-	1	bcbce	bcbce	45	42	-			
Manchester	230	270	25	64	pr	94.5	+13	45	39	8	-	-	-	-	-	290	23	30	c/pr	93.0	+24	45	41	8	-	-	-	-	-	1	cp	pr, cpr	43	44	-			
Squires Gate	33	300	32	80	c	93.8	+08	48	40	8	-	-	-	-	-	290	30	64	c	98.7	+33	49	41	9	-	-	-	-	-	1	crrm	crrm, moc	46	40	-			
Silloth	25	270	17	80	b/pr	90.9	+12	47	43	2	-	-	-	-	-	300	22	30	bc	96.6	+29	47	43	5	-	-	-	-	-	1	bcbpr, bce	bc	44	40	-			
Finningley	52	300	17	52	b	91.8	+10	44	36	-	-	-	-	-	-	310	13	56	b	94.9	+27	47	40	5	-	-	-	-	-	0	bbir, bc	bcbcezo	43	40	-			
Spurn Head	29	260	30	48	bc	90.1	+02	45	40	5	-	-	-	-	-	270	24	56	bc	92.0	+27	46	44	5	-	-	-	-	-	0	bcbpr	bcbpr	43	40	-			
Dishforth	308	280	14	82	b	90.0	+09	46	38	-	-	-	-	-	-	300	17	31	b	94.5	+32	46	38	5	-	-	-	-	-	0	b	bcb	43	40	-			
Tynemouth	108	270	14	66	bc	87.1	+16	45	40	5	-	-	-	-	-	290	11	56	bc	93.1	+26	44	37	5	-	-	-	-	-	0	bceir, bce	bcbcezo	42	37	-			
Leuchars	36	320	10	81	bc	87.2	+25	46	38	5	-	-	-	-	-	320	17	82	c	92.8	+27	45	37	5	-	-	-	-	-	0	bcbce	cbe	40	36	-			
Eskdalemuir	794															290	15	31	b	94.2	+35	43	36	5	-	-	-	-	-	1	cpr, b	b	40	40	-			
Prestwick	30	290	20	64	bc	91.9	+20	48	43	3	-	-	-	-	-	300	18	30	bc	98.6	+36	46	40	8	-	-	-	-	-	1	cpr, m, bce	cpr, bce	44	41	-			
West Freugh	52	320	28	48	pr	93.1	+18	43	43	9	-	-	-	-	-	320	26	31	bc	99.3	+28	47	38	9	-	-	-	-	-	1	cpr, prh	cpr, bcepr	43	41	-			
Ronaldsway	55	300	29	81	pr	95.6	+10	46	39	8	-	-	-	-	-	310	25	32	b	00.7	+30	46	39	5	-	-	-	-	-	1	bce	bcbpr	44	41	-			
Tiree	29	330	22	32	pr	94.4	+34	44	43	3	-	-	-	-	-	320	22	31	bc	00.0	+23	44	32	3	-	-	-	-	-	2	cpr, pr	bcbpr, hpr	42	36	-			
Benbecula	16	320	30	31	b/prh	94.3	+34	45	44	9	-	-	-	-	-	330	23	32	pr	99.2	+18	45	36	9	-	-	-	-	-	1	bcbpr, hpr	bcepr	41	36	-			
Stornoway	10	380	26	80	b/pr	91.4	+31	44	40	9	-	-	-	-	-	310	21	30	c/pr	95.9	+19	43	38	9	-	-	-	-	-	2	bcbpr, bce	bcbpr, pr	41	34	-			
Cape Wrath	367	320	09	82	o	87.5	+20	48	45	8	-	-	-	-	-	320	19	33	pr	91.2	+20	44	44	8	-	-	-	-	-	1	cpr	cpr	43	40	-			
Sule Skerry	43															320	19	31	pr	89.8	+18	48	41	3	-	-	-	-	-	1			45	40	-			
Ronfrew	30	270	10	48	bc	90.0	+26	46	41	5	-	-	-	-	-	270	12	64	bc	96.7	+37	45	38	5	-	-	-	-	-	1	cpr, bce	bcepr	42	35	-			
Dyce	234	290	13	80	pr	85.8	+23	44	40	2	-	-	-	-	-	300	27	31	bc	91.2	+39	44	37	2	-	-	-	-	-	1	bcbpr, bce	bcepr, bce	42	36	-			
Wick	119	320	13	82	bc	85.2	+23	45	43	2	-	-	-	-	-	300	19	30	b/pr	89.4	+22	44	42	2	-	-	-	-	-	1	bcepr	bcepr	43	38	-			
Lerwick	269	340	08	64	o/r	82.8	+15	43	43	5	-	-	-	-	-	320	12	32	c/pr	85.4	+11	44	41	2	-	-	-	-	-	1	cir, cpr	bcepr	41	38	-			
Blackod Point	18	260	24	31	c	85.6	+13	48	37	9	-	-	-	-	-	290	05	31	c	06.7	+07	47	40	8	-	-	-	-	-	1	c	pr	44	38	-			
Malin Head	84															330	24	44	pr	02.7	+18	46	34	8	-	-	-	-	-	2			43	33	-			
Aldergrove	220	270	25	31	bc	97.6	+17	44	39	5	-	-	-	-	-	280	18	31	b	02.3	+23	42	37	5	-	-	-	-	-	1	bcbpr, bcb	bcb	41	33				

00h. Ships' Reports																	06h. Ships' Reports																				
Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud					Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud					Height of waves ft.
					Direc.	Speed	Pres.	Past	Air °F	Sea °F	Dew °F		Point	Form			Amount							Direc.	Speed	Pres.	Past	Air °F	Sea °F	Dew °F		Point	Form			Amount	
														Low	Med.	High																	Low	Med.	High		
WEATHER OBSERVER	59° 6'	15° 48'	1002	+08	310	20	bc	c	44	50	32	99	4	-	1	3	5	14	WEATHER EXPLORER	52° 36'	20° 30'	1005	-40	190	18	ra	ra	50	53	48	97	5	-	-	8	8	9 1/2
WEATHER EXPLORER	52° 42'	20° 24'	1011	-13	-	0	c	c	50	53	42	97	5	-	-	8	8	9 1/2	WEATHER OBSERVER	59° 0'	15° 30'	1002	-03	310	15	c	bc	43	50	31	98	5	-	-	6	6	5
POLAR FRONT	66° 0'	02° 0'E	986	+00	050	08	bc	c	45	44	41	98	5	-	-	4	4	1 1/2	POLAR FRONT	66° 0'	02° 0'E	986	-01	040	17	c	pr	45	46	41	97	8	-	-	7	8	5
LE VERRIER	45° 0'	16° 0'	1019	-16	220	14	ra	r	57	59	57	96	5	2	-	5	8	6 1/2	LE VERRIER	45° 0'	16° 0'	1018	-02	270	28	id	d	59	59	59	97	7	-	-	8	8	5
U.S. SHIP 'A'	61° 0'	33° 0'	1000	-16	210	03	c	c	40	42	30	80	4	-	-	8	8	5	U. S. SHIP 'A'	62° 0'	33° 0'	998	-13	180	02	c	r	38	42	33	74	4	-	-	8	8	10
EMPRESS OF FRANCE	56° 24'	20° 12'	1006	+00	290	18	c	r	46	52	42	98	4	1	-	5	8	-	APAPA	46° 48'	08° 30'	1016	+10	270	13	bc	bc	54	54	52	98	1	-	-	5	5	4
WENDOVER	57° 48'	37° 48'	1000	-25	360	08	bc	c	34	42	31	97	5	-	-	8	8	8	EMPRESS OF FRANCE	56° 18'	17° 0'	1005	-20	270	15	rr	c	44	52	39	98	-	-	-	9	9	3
IRISH CEDAR	43° 12'	28° 12'	1024	-03	220	07	b	b	61	62	59	99	-	-	-	0	0	-	NEW FOUNDLAND	52° 0'	39° 0'	1003	-05	270	15	c	c	41	39	41	98	8	7	7	2	8	4
EMPRESS OF SCOTLAND	54° 54'	20° 30'	1008	+04	270	10	c	c	48	55	39	99	4	-	-	6	6	-	EMPRESS OF SCOTLAND	54° 36'	23° 54'	1003	-30	110	10	ra	r	48	55	46	98	6	-	-	8	8	4
PRETORIA CASTLE	46° 18'	07° 18'	1017	-12	320	12	c	c	55	57	53	99	5	-	-	8	8	3	FRANCONIA	50° 48'	33° 36'	1002	-10	260	17	ir	c	51	50	49	96	5	-	-	8	8	4

RATES of SUBSCRIPTION: Single copy 2d. or post free 3½d. One calendar month 7/- One quarter 18/- One year 70/-  
For special arrangements for supply to schools and colleges, see Form 2452.

\* Information not usually received.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Friday 23rd November, 1951

OBSERVATIONS at 12h. G.M.T. 22nd November 1951

OBSERVATIONS at 18h. G.M.T. 22nd November 1951

OBSERVATIONS during DAY

Stations. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.						Wind.			Present Weather.	Pressure.		Temp.		Cloud.						21 h. State of ground.	Weather.		Max. Temp. 09h.- 21h. °F.	Sun- shine. °F.	Rain 09h.- 21h. mm.
	Direction (degrees).	Speed (kts.).	+ - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -<																															

## 12h. Ships' Reports

## 18h. Ships' Reports

Ship	Lat. N.	Long. W.	Bar. mb.	Change in 3 hours 0-1 mb.	Wind		Weather	Temp.			Cloud	Height of waves ft.	Ship	Lat. N.	Long. W.	Bar. mb.	Change in 3 hours 0-1 mb.	Wind		Weather	Temp.			Cloud	Height of waves ft.																				
					Direc.	Speed		Pres.	Past	Air °F.								Sea °F.	Dew Point °F.		Visibility	Form				Amount	Direc.	Speed	Pres.	Past	Air °F.	Sea °F.	Dew Point °F.	Visibility	Form			Amount							
																						+ Low	+ Med.												+ High	+ Low	+ Med.		+ High	+ Low	+ Med.	+ High	+ Low	+ Med.	+ High
WEATHER OBSERVER	58° 54'	15° 30'	1002	-0.3	330	13	jp	bc	43	50	29	98	8	1	1	5	7	9 1/2	WEATHER OBSERVER	58° 48'	20° 24'	980	+0.7	270	25	0	r	51	53	49	96	6	-	-	8	8	25 1/2								
WEATHER EXPLORER	53° 42'	20° 30'	998	-2.0	230	22	0	r	53	53	51	96	6	-	-	8	8	6 1/2	WEATHER OBSERVER	55° 6'	15° 42'	1002	+0.0	100	10	bc	bc	42	49	34	98	8	-	-	3	3	6 1/2								
POLAR FRONT	65° 48'	01° 30'	986	+0.0	050	20	1/2	pr	43	44	41	98	8	-	-	8	8	6 1/2	WEATHER WATCHER	56° 0'	08° 18'	999	-1.4	200	07	0	o	48	53	39	98	8	7	-	4	8	8								
LABRIX	46° 24'	10° 18'	1016	-0.8	150	20	0	c	59	59	54	97	8	-	-	8	8	17 1/2	U.S. SHIP "A"	62° 0'	33° 0'	997	+0.3	020	30	pr	hr	41	39	36	80	3	2	-	7	8	11								
U.S. SHIP "A"	62° 0'	33° 0'	997	+0.4	040	20	1/2	r	39	44	35	74	7	-	-	8	8	3	U.S. SHIP "C"	52° 48'	35° 30'	1004	+0.5	250	22	0	c	42	48	29	74	5	7	-	6	8	5								
" " "C"	52° 48'	35° 30'	1004	+1.8	290	14	0	c	46	48	36	74	-	7	7	5	8	8	U.S. SHIP "D"	43° 54'	41° 0'	999	-1.9	250	27	0	r	63	62	55	80	2	7	-	8	8	8								
" " "D"	44° 12'	40° 48'	1001	-2.0	170	39	RR	r	64	63	63	05	7	2	-	6	8	8	POLAR FRONT	66° 0'	01° 54'	987	+0.4	040	25	pr	pr	43	46	37	97	8	-	-	8	8	6 1/2								
DEBRETT	38° 24'	12° 18'	1025	+0.5	030	11	pr	pr	61	64	39	98	7	2	-	3	7	5	LE VERRIER	45° 0'	16° 0'	1016	-0.2	280	22	id	d	59	59	57	96	5	-	-	8	8	6 1/2								
APAPA	45° 24'	09° 30'	1015	+0.0	230	13	0	bc	57	55	55	98	5	-	-	4	8	1 1/2	MANCHESTER PROGRESS	55° 42'	18° 48'	997	-2.0	130	13	0	pr	46	52	42	09	9	-	-	8	8	21								
MANCHESTER PORT	50° 24'	38° 12'	1004	+0.0	360	05	0	c	51	52	42	98	4	-	-	8	8	-	LE BRIK	46° 12'	12° 24'	1014	-1.4	220	28	0	c	59	59	57	97	6	-	-	8	8	6								
† CLON																																													

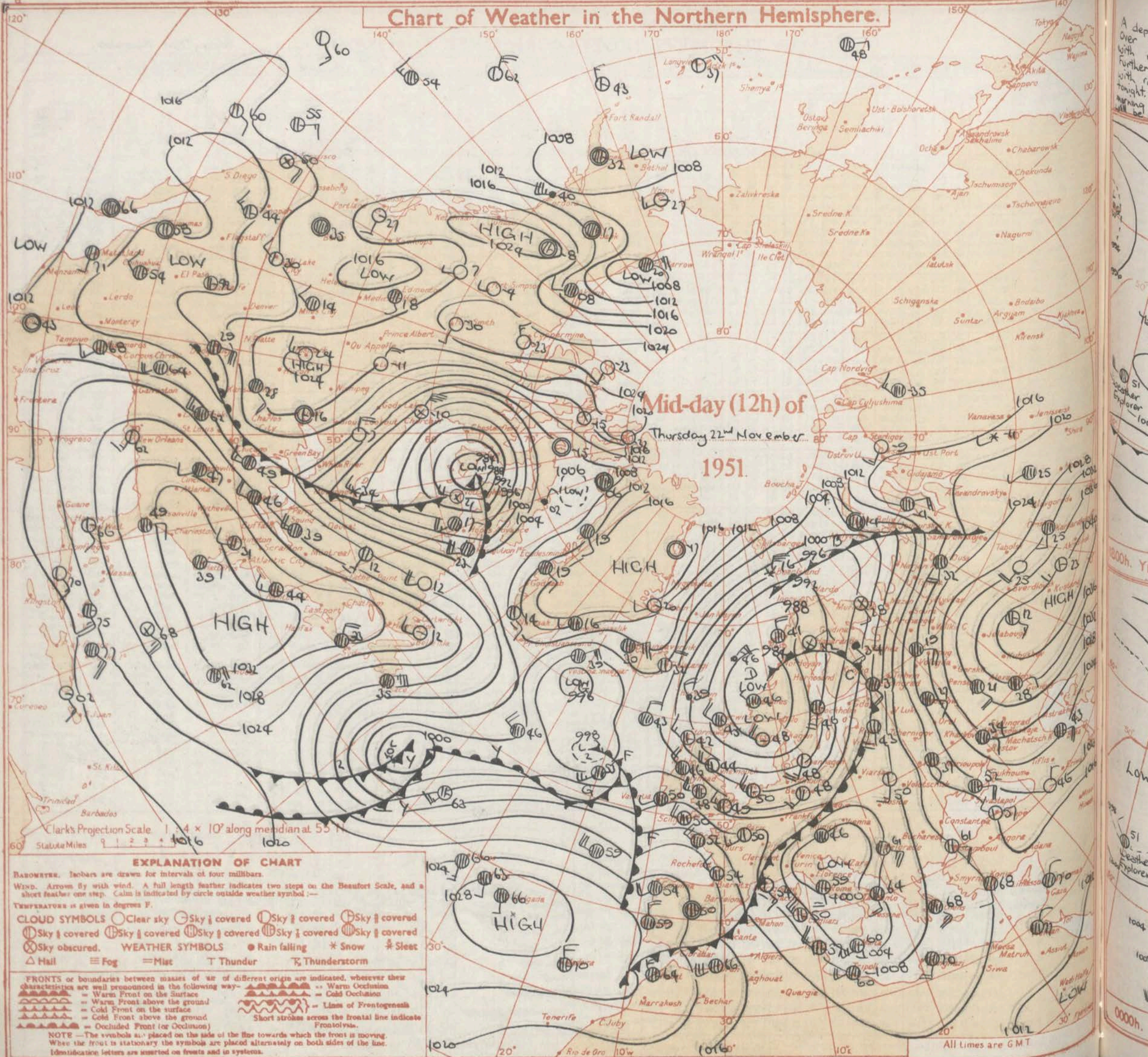
† CLOUD AMOUNT in eighths (9=sky obscured). CLOUD HEIGHT 01-80 in 100's of feet. VISIBILITY 01-80 in eighths of a mile, X1-X9 in 1/80ths of a mile. For higher numbers and codes for cloud form and state of ground see Introduction.

\* Information not usually received.

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



## Chart of Weather in the Northern Hemisphere.



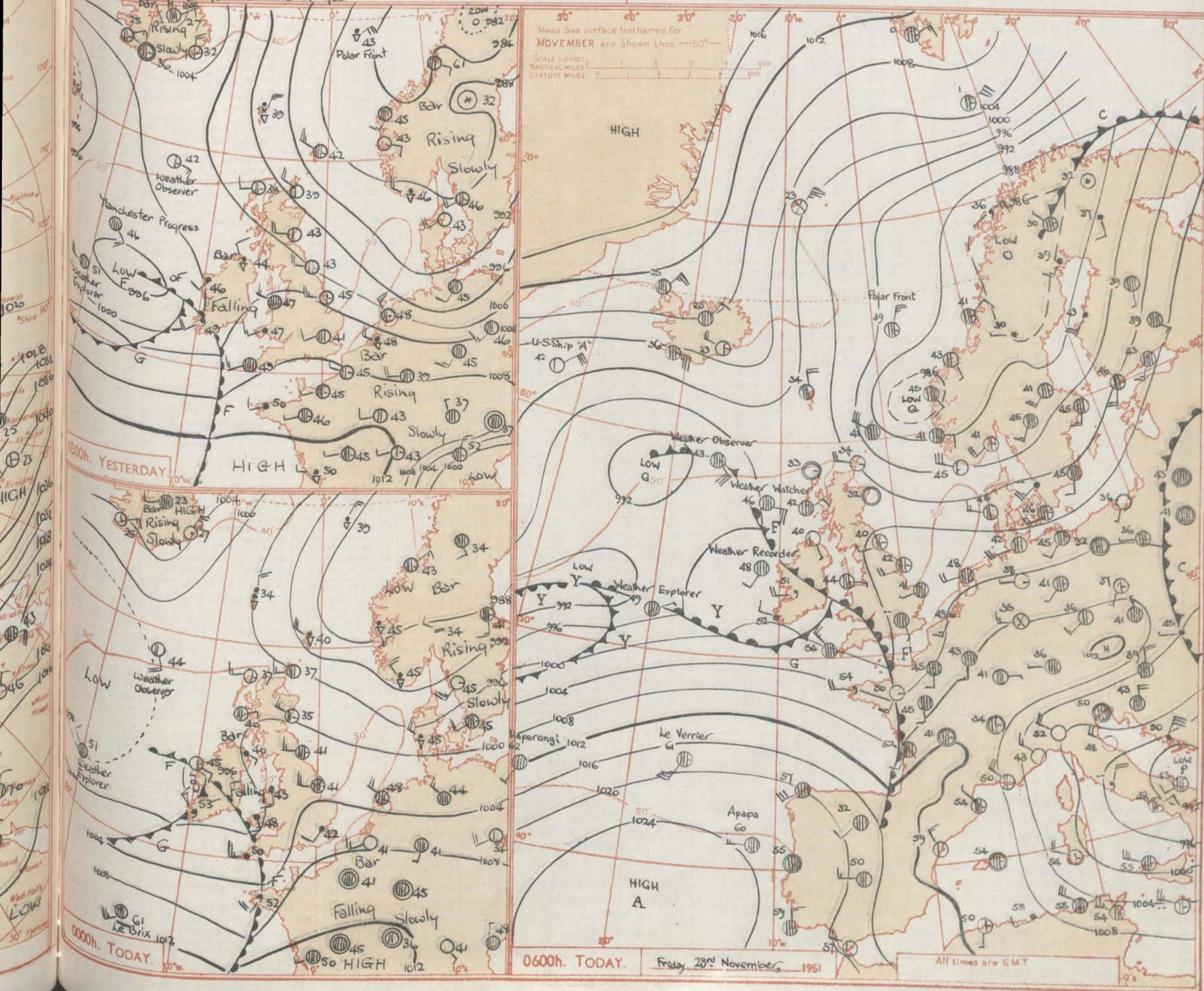


# GENERAL INFERENCE.

A depression to the westnorthwest of Scotland is deepening and moving east. Over all southern districts of England and Wales the period will be dull with rain or drizzle at times, though only slight rain is expected today. Further north it will be dry in most places at first, but cloudy weather with rain or drizzle will spread across from the west during today and tonight. Brighter rather showery weather will follow in much of Scotland tomorrow morning and perhaps also in Northern Ireland and northern England. Temperatures will be about normal for the time of year.

# FURTHER OUTLOOK.

Continuing dull in Southern districts with rain or drizzle at times. Probably becoming colder in Scotland with showers and bright periods.





# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 23rd November, 1951.

OBSERVATIONS at 06hr. G.M.T. Friday, 23rd November

OBSERVATIONS during NIGHT

STATIONS.	Height above M.S.L.	Wind.		Pressure.	Temp.	Cloud.						Wind.	Temp.	Cloud.						9 h.	Weather.		Temperature		Rain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Direction (degrees).	Speed (kts.).			Form.	Amount.	Main layer.	Ht.	Lowest layer.	Form.			Amount.	Main layer.	Ht.	Lowest layer.	State of ground.	21 h. to 03 h.		03 h. to 09 h.	21 h.-03 h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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																								(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)	(102)	(103)	(104)	(105)	(106)	(107)	(108)	(109)	(110)	(111)	(112)	(113)	(114)	(115)	(116)	(117)	(118)	(119)	(120)	(121)	(122)	(123)	(124)	(125)	(126)	(127)	(128)	(129)	(130)	(131)	(132)	(133)	(134)	(135)	(136)	(137)	(138)	(139)	(140)	(141)	(142)	(143)	(144)	(145)	(146)	(147)	(148)	(149)	(150)	(151)	(152)	(153)	(154)	(155)	(156)	(157)	(158)	(159)	(160)	(161)	(162)	(163)	(164)	(165)	(166)	(167)	(168)	(169)	(170)	(171)	(172)	(173)	(174)	(175)	(176)	(177)	(178)	(179)	(180)	(181)	(182)	(183)	(184)	(185)	(186)	(187)	(188)	(189)	(190)	(191)	(192)	(193)	(194)	(195)	(196)	(197)	(198)	(199)	(200)	(201)	(202)	(203)	(204)	(205)	(206)	(207)	(208)	(209)	(210)	(211)	(212)	(213)	(214)	(215)	(216)	(217)	(218)	(219)	(220)	(221)	(222)	(223)	(224)	(225)	(226)	(227)	(228)	(229)	(230)	(231)	(232)	(233)	(234)	(235)	(236)	(237)	(238)	(239)	(240)	(241)	(242)	(243)	(244)	(245)	(246)	(247)	(248)	(249)	(250)	(251)	(252)	(253)	(254)	(255)	(256)	(257)	(258)	(259)	(260)	(261)	(262)	(263)	(264)	(265)	(266)	(267)	(268)	(269)	(270)	(271)	(272)	(273)	(274)	(275)	(276)	(277)	(278)	(279)	(280)	(281)	(282)	(283)	(284)	(285)	(286)	(287)	(288)	(289)	(290)	(291)	(292)	(293)	(294)	(295)	(296)	(297)	(298)	(299)	(300)	(301)	(302)	(303)	(304)	(305)	(306)	(307)	(308)	(309)	(310)	(311)	(312)	(313)	(314)	(315)	(316)	(317)	(318)	(319)	(320)	(321)	(322)	(323)	(324)	(325)	(326)	(327)	(328)	(329)	(330)	(331)	(332)	(333)	(334)	(335)	(336)	(337)	(338)	(339)	(340)	(341)	(342)	(343)	(344)	(345)	(346)	(347)	(348)	(349)	(350)	(351)	(352)	(353)	(354)	(355)	(356)	(357)	(358)	(359)	(360)	(361)	(362)	(363)	(364)	(365)	(366)	(367)	(368)	(369)	(370)	(371)	(372)	(373)	(374)	(375)	(376)	(377)	(378)	(379)	(380)	(381)	(382)	(383)	(384)	(385)	(386)	(387)	(388)	(389)	(390)	(391)	(392)	(393)	(394)	(395)	(396)	(397)	(398)	(399)	(400)	(401)	(402)	(403)	(404)	(405)	(406)	(407)	(408)	(409)	(410)	(411)	(412)	(413)	(414)	(415)	(416)	(417)	(418)	(419)	(420)	(421)	(422)	(423)	(424)	(425)	(426)	(427)	(428)	(429)	(430)	(431)	(432)	(433)	(434)	(435)	(436)	(437)	(438)	(439)	(440)	(441)	(442)	(443)	(444)	(445)	(446)	(447)	(448)	(449)	(450)	(451)	(452)	(453)	(454)	(455)	(456)	(457)	(458)	(459)	(460)	(461)	(462)	(463)	(464)	(465)	(466)	(467)	(468)	(469)	(470)	(471)	(472)	(473)	(474)	(475)	(476)	(477)	(478)	(479)	(480)	(481)	(482)	(483)	(484)	(485)	(486)	(487)	(488)	(489)	(490)	(491)	(492)	(493)	(494)	(495)	(496)	(497)	(498)	(499)	(500)	(501)	(502)	(503)	(504)	(505)	(506)	(507)	(508)	(509)	(510)	(511)	(512)	(513)	(514)	(515)	(516)	(517)	(518)	(519)	(520)	(521)	(522)	(523)	(524)	(525)	(526)	(527)	(528)	(529)	(530)	(531)	(532)	(533)	(534)	(535)	(536)	(537)	(538)	(539)	(540)	(541)	(542)	(543)	(544)	(545)	(546)	(547)	(548)	(549)	(550)	(551)	(552)	(553)	(554)	(555)	(556)	(557)	(558)	(559)	(560)	(561)	(562)	(563)	(564)	(565)	(566)	(567)	(568)	(569)	(570)	(571)	(572)	(573)	(574)	(575)	(576)	(577)	(578)	(579)	(580)	(581)	(582)	(583)	(584)	(585)	(586)	(587)	(588)	(589)	(590)	(591)	(592)	(593)	(594)	(595)	(596)	(597)	(598)	(599)	(600)	(601)	(602)	(603)	(604)	(605)	(606)	(607)	(608)	(609)	(610)	(611)	(612)	(613)	(614)	(615)	(616)	(617)	(618)	(619)	(620)	(621)	(622)	(623)	(624)	(625)	(626)	(627)	(628)	(629)	(630)	(631)	(632)	(633)	(634)	(635)	(636)	(637)	(638)	(639)	(640)	(641)	(642)	(643)	(644)	(645)	(646)	(647)	(648)	(649)	(650)	(651)	(652)	(653)	(654)	(655)	(656)	(657)	(658)	(659)	(660)	(661)	(662)	(663)	(664)	(665)	(666)	(667)	(668)	(669)	(670)	(671)	(672)	(673)	(674)	(675)	(676)	(677)	(678)	(679)	(680)	(681)	(682)	(683)	(684)	(685)	(686)	(687)	(688)	(689)	(690)	(691)	(692)	(693)	(694)	(695)	(696)	(697)	(698)	(699)	(700)	(701)	(702)	(703)	(704)	(705)	(706)	(707)	(708)	(709)	(710)	(711)	(712)	(713)	(714)	(715)	(716)	(717)	(718)	(719)	(720)	(721)	(722)	(723)	(724)	(725)	(726)	(727)	(728)	(729)	(730)	(731)	(732)	(733)	(734)	(735)	(736)	(737)	(738)	(739)	(740)	(741)	(742)	(743)	(744)	(745)	(746)	(747)	(748)	(749)	(750)	(751)	(752)	(753)	(754)	(755)	(756)	(757)	(758)	(759)	(760)	(761)	(762)	(763)	(764)	(765)	(766)	(767)	(768)	(769)	(770)	(771)	(772)	(773)	(774)	(775)	(776)	(777)	(778)	(779)	(780)	(781)	(782)	(783)	(784)	(785)	(786)	(787)	(788)	(789)	(790)	(791)	(792)	(793)	(794)	(795)	(796)	(797)	(798)	(799)	(800)	(801)	(802)	(803)	(804)	(805)	(806)	(807)	(808)	(809)	(810)	(811)	(812)	(813)	(814)	(815)	(816)	(817)	(818)	(819)	(820)	(821)	(822)	(823)	(824)	(825)	(826)	(827)	(828)	(829)	(830)	(831)	(832)	(833)	(834)	(835)	(836)	(837)	(838)	(839)	(840)	(841)	(842)	(843)	(844)	(845)	(846)	(847)	(848)	(849)	(850)	(851)	(852)	(853)	(854)	(855)	(856)	(857)	(858)	(859)	(860)	(861)	(862)	(863)	(864)	(865)	(866)	(867)	(868)	(869)	(870)	(871)	(872)	(873)	(874)	(875)	(876)	(877)	(878)	(879)	(880)	(881)	(882)	(883)	(884)	(885)	(886)	(887)	(888)	(889)	(890)	(891)	(892)	(893)	(894)	(895)	(896)	(897)	(898)	(899)	(900)	(901)	(902)	(903)	(904)	(905)	(906)	(907)	(908)	(909)	(910)	(911)	(912)	(913)	(914)	(915)	(916)	(917)	(918)	(919)	(920)	(921)	(922)	(923)	(924)	(925)	(926)	(927)	(928)	(929)	(930)	(931)	(932)	(933)	(934)	(935)	(936)	(937)	(938)	(939)	(940)	(941)	(942)	(943)	(944)	(945)	(946)	(947)	(948)	(949)	(950)	(951)	(952)	(953)	(954)	(955)	(956)	(957)	(958)	(959)	(960)	(961)	(962)	(963)	(964)	(965)	(966)	(967)	(968)	(969)	(970)	(971)	(972)	(973)	(974)	(975)

00h. Ships' Reports

06h. Ships' Reports

Ship	Lat. N.	Long. W.	Bar.	Change in 3 hours	Wind
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# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Saturday 24th November, 1951

OBSERVATIONS at 12h. G.M.T. 23rd November 1951

OBSERVATIONS at 18h. G.M.T. 23rd November 1951

OBSERVATIONS during DAY

STATIONS. (For heights see p. 4)	Wind.			†	Pressure.		Temp.		Cloud.						Wind.			†	Pressure.		Temp.		Cloud.						21 h. † State of ground	Weather.		Max. Temp. 09h. to 21h. °F.	Sun- shine. 21h. min.	Rain 21h. mm.						
	Direction (degrees)	Speed (kts.)	Visibility (miles)		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.			Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Visibility (miles)	Bar at M.S.L.		Change in 3 hrs.	Dry Bulb. °F.	Dew point. °F.	Form.			Main layer.	Lowest layer.	09h. to 15h. (34)	15h. to 21h. (35)												
									Low.	Medium.	High.											Total amount.	0-5 0-8	0-5 0-8						0-5 0-8	Low.				Medium.	High.	Total amount.	0-5 0-8	0-5 0-8	0-5 0-8
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)			
Kew ... London Airport Lymington Langmere Calshot	290 - 180 270 290	02 0 05 06	02 02 07 32	of+ d <sub>0</sub> d <sub>0</sub> o/d c	99.9 99.8 99.5 99.2	+02 +04 -22 +07	47 47 51 53	47 45 51 51	6 7 6 5	- - - 7	- - - -	8 8 9 7	8 8 9 7	10 15 20 20	- 7 - 3	- 02 - 12	120 120 220 220	02 01 01 03	03 02 13 32	if <sub>0</sub> if <sub>0</sub> if <sub>0</sub> if <sub>0</sub>	00.7 00.5 01.3 01.1	+02 +03 +12 +04	48 48 49 53	47 48 47 51	6 6 5 6	2 - - -	- - - -	8 8 8 8	8 8 8 8	08 02 03 06	- - 6 -	- - 20 -	1 1 2 1	cld. 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### 12h. Ships' Reports

### 18h. Ships' Reports

Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours	Wind		Weather		Temp.		Visi- bility	Cloud				Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours	Wind		Weather		Temp.		Visi- bility	Cloud				Height of waves ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					Direc.	Speed	Pres.	Part	Air °F.	Sea °F.		Dew Point	Form	Amount	Low							Med.	High	Low	Total	Direc.	Speed		Pres.	Part	Air °F.	Sea °F.		Dew Point	Form	Amount	Low	Med.	High	Low	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

↑ CLOUD AMOUNT in eighths (9=sky obscured). CLOUD HEIGHT 01-80 in 100's of feet. VISIBILITY 01-80 in eighths of a mile, X1-X9 in 1/80ths of a mile. For higher numbers and codes for cloud form and state of ground see Introduction.

\* Information not usually received.

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



## Chart of Weather in the Northern Hemisphere.



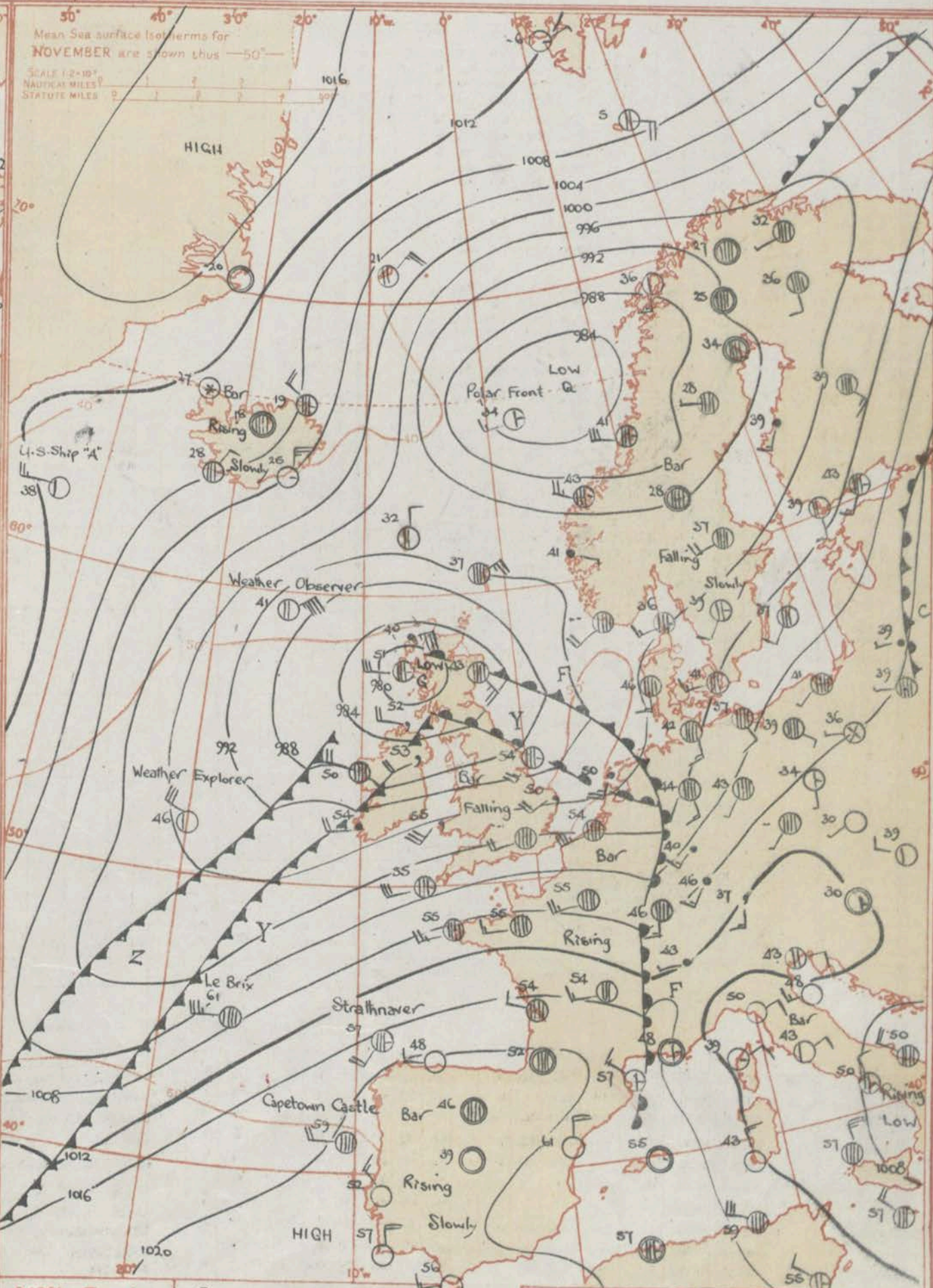


**GENERAL INFERENCE.**  
A deep depression over Scotland is moving east. Many southern and Midland districts of England and Wales will have dull, mild weather this afternoon with occasional rain or drizzle and with strong winds. Brighter colder weather though with some showers has already reached Ireland and parts of western Scotland and will spread steadily southeast. Timing is at present uncertain and it may not become brighter in southern districts of England before midday tomorrow. Rather cold rainy weather in the north of Scotland will give way to brighter rather showery weather during the period. Snow showers may fall on the high ground in northern Scotland and perhaps also in Northern Ireland, Southern Scotland and northern England later.

**FURTHER OUTLOOK.**  
Ground and some slight air frost will occur in places early tomorrow morning except perhaps, in Southern England.

**FURTHER OUTLOOK.**  
Rather cold. Bright periods and some showers chiefly in the West and North where they may fall as snow on the hills.  
**Gale Warning.** South Coes are flying south of a line Hartlepool to Wharfedale and in Channel Islands. North Coes are flying on the East coast of Scotland, east of a line Whiten Head to Stonehaven and in Orkneys and Shetlands.

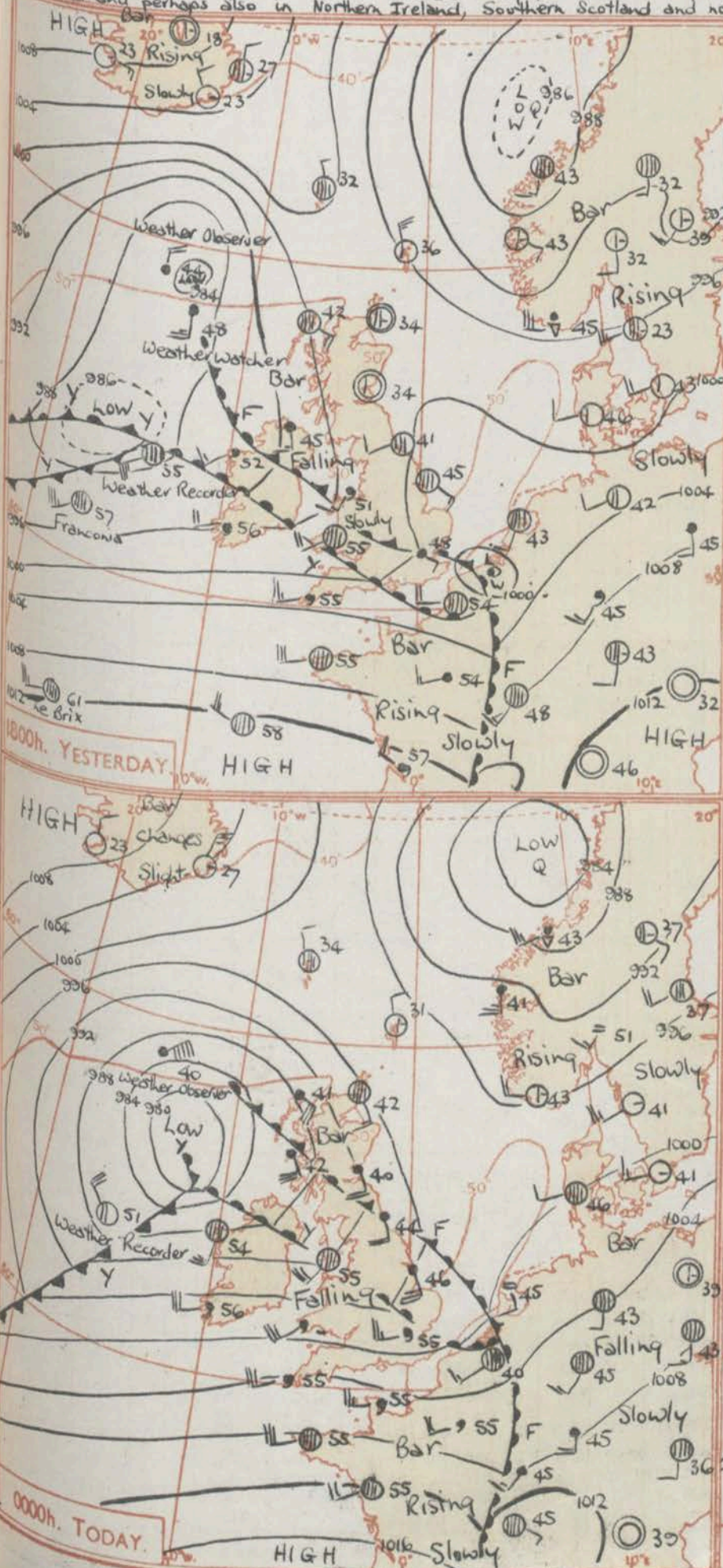
Mean Sea surface isotherms for  
**NOVEMBER** are shown thus — 50° —  
SCALE 1:2-10°  
NAUTICAL MILES  
STATUTE MILES



0600h. TODAY.

Saturday 24th November, 1951

All times are GMT



0000h. TODAY.

HIGH

1016 Slowly

39



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 24th November, 1951.

OBSERVATIONS at 06hr. G.M.T. 24th November, 1951.

OBSERVATIONS during NIGHT

Stations.	Height above M.S.L.	Wind.				Pressure.	Temp.	Cloud.								Wind.	Temp.	Cloud.								9 h.	Weather.		Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		Direction (degrees).	Speed (kts.).	Variability.	Present Weather.			Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	% Dew point.	Form.						Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	% Dew point.	Form.					State of ground.	21 h-03 h.	Min. °F.	Max. °F.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Sunday 25<sup>th</sup> November 1951

OBSERVATIONS during DAY

12h. Ships' Reports																	18h. Ships' Reports																					
Amount	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb.	Wind		Weather		Temp.			Visibility	Cloud			Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0-1 mb.	Wind		Weather		Temp.			Visibility	Cloud			Height of waves ft.				
						Dir.	Speed	Pres.	Past	Air °F	Sea °F	Dew Point		Form	Amount	Dir.							Speed	Pres.	Past	Air °F	Sea °F	Dew Point	Form		Amount							
																																+	+		+	+	+	+
2	WEATHER OBSERVER	58° 42'	14° 30'	998	+33	060	34	ps	pr	40	50	34	98	3	3	-	3	4	17	WEATHER WATCHER	59° 6'	15° 30'	1005	+42	010	26	pc	pr	40	50	32	98	9	-	3	2	2	13
4	WEATHER RECORDER	52° 59'	18° 0'	996	+17	290	26	pr	pr	46	54	46	97	3	-	-	7	7	11	WEATHER RECORDER	52° 4'	18° 24'	1004	+66	010	48	pc	pr	41	54	44	97	3	-	3	8	25	25
3	LE BRIA	45° 0'	16° 0'	1000	-09	180	44	id	r	61	61	59	96	7	-	-	8	8	14	WEATHER OBSERVER	58° 12'	13° 24'	1002	+23	030	20	bc	pr	42	50	33	98	3	-	-	4	4	14
8	POLAR FRONT	66° 0'	02° 6'	977	-13	290	16	o	bc	37	46	30	99	4	-	-	3	8	5	POLAR FRONT	66° 8'	2° 12'	974	-27	330	36	bc	pr	37	46	32	99	3	-	-	3	3	6
1	U.S. SHIP "A"	62° 0'	33° 0'	1013	+03	260	14	o	c	39	42	26	80	4	-	-	8	8	6	LE BRIA	45° 0'	16° 30'	1009	+10	220	18	c	c	59	61	55	97	8	5	-	7	7	11
3	U.S. SHIP "B"	55° 42'	51° 12'	1000	-01	250	23	o	r	39	47	36	64	5	-	-	8	8	6	U.S. SHIP "A"	62° 0'	33° 0'	1012	+06	250	08	c	c	39	41	26	80	4	3	-	2	7	3
2	U.S. SHIP "C"	52° 36'	35° 24'	1023	+17	320	12	c	c	43	48	31	74	2	-	-	7	7	5	U.S. SHIP "C"	32° 24'	36° 6'	1014	-09	200	16	c	c	42	48	30	80	5	-	6	5	7	2
7	U.S. SHIP "D"	44° 6'	41° 24'	1031	+33	280	07	o	bc	56	62	42	80	5	-	-	8	8	9	U.S. SHIP "D"	44° 0'	41° 8'	1031	+00	240	12	c	c	55	62	43	80	1	7	-	5	7	11
8	WEATHER WATCHER	58° 54'	14° 48'	991	+99	010	36	pc	pc	43	50	43	98	2	3	-	4	5	13	ALSATIA	50° 10'	13° 48'	998	+12	250	24	bc	bc	50	55	43	98	5	-	-	4	4	x
8	WEATHER EXPLORER	52° 42'	19° 12'	990	+17	350	29	pc	pr	49	54	43	97	9	-	-	7	7	9	ACCRA	46° 30'	2° 30'	1008	-25	230	24	pc	c	58	57	56	96	7	-	-	8	8	x
↑ Cloud																																						

EXPLORES 52 92 19° 12 990 417 350 29 p6 p1 49 54 43 97 9 - - 7 7 9½ ACCRA 46° 30' 25" 1008-25 2

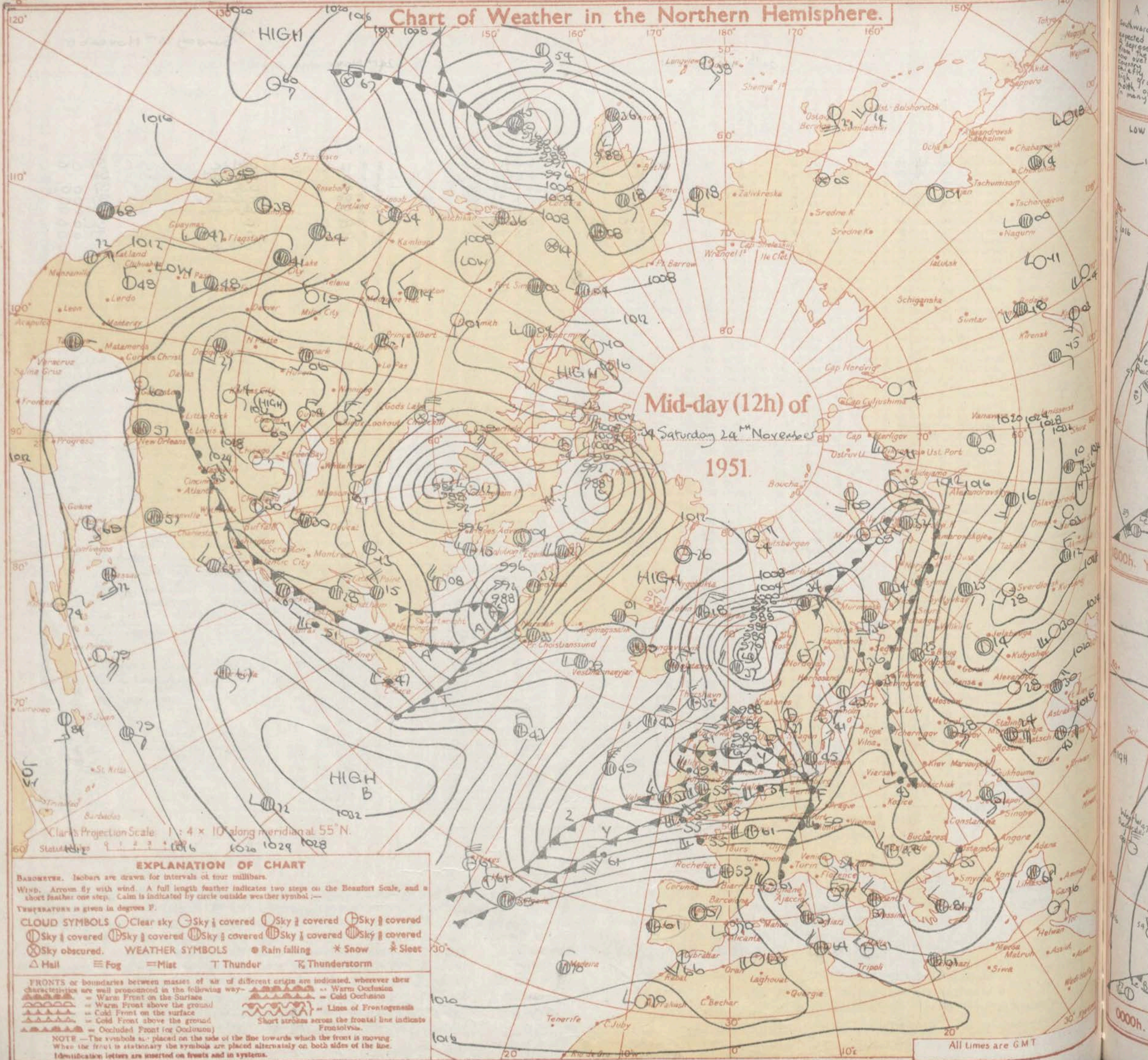
CLOUD AMOUNT in eighths (9=sky obscured). CLOUD HEIGHT 01-80 in 100's of feet. VISIBILITY 01-80 in eighths of a mile, X1-X9 in 1/80ths of a mile. For higher numbers and codes for cloud form and state of ground see Introduction.

\* Information not usually received

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



## Chart of Weather in the Northern Hemisphere.





### GENERAL INFERENCE.

A depression over Sweden is moving east-northeast and a trough of low pressure is moving southwards across England and filling up quickly. A ridge of high pressure on the Eastern Atlantic is expected to move southeast into the British Isles and an anticyclone west of the Azores is moving eastwards. A depression in the Denmark Straits will become more vigorous as a secondary moves northeast from the Newfoundland area. An area of cloudy weather with some rain and snow over high ground, chiefly in coastal areas exposed to north or north-west winds. The showers will be of snow over high ground in Wales and the North and some snow showers will cover low ground in the north of Scotland. It will be rather cold or cold generally and slight to keen air frost is likely in many places tonight.

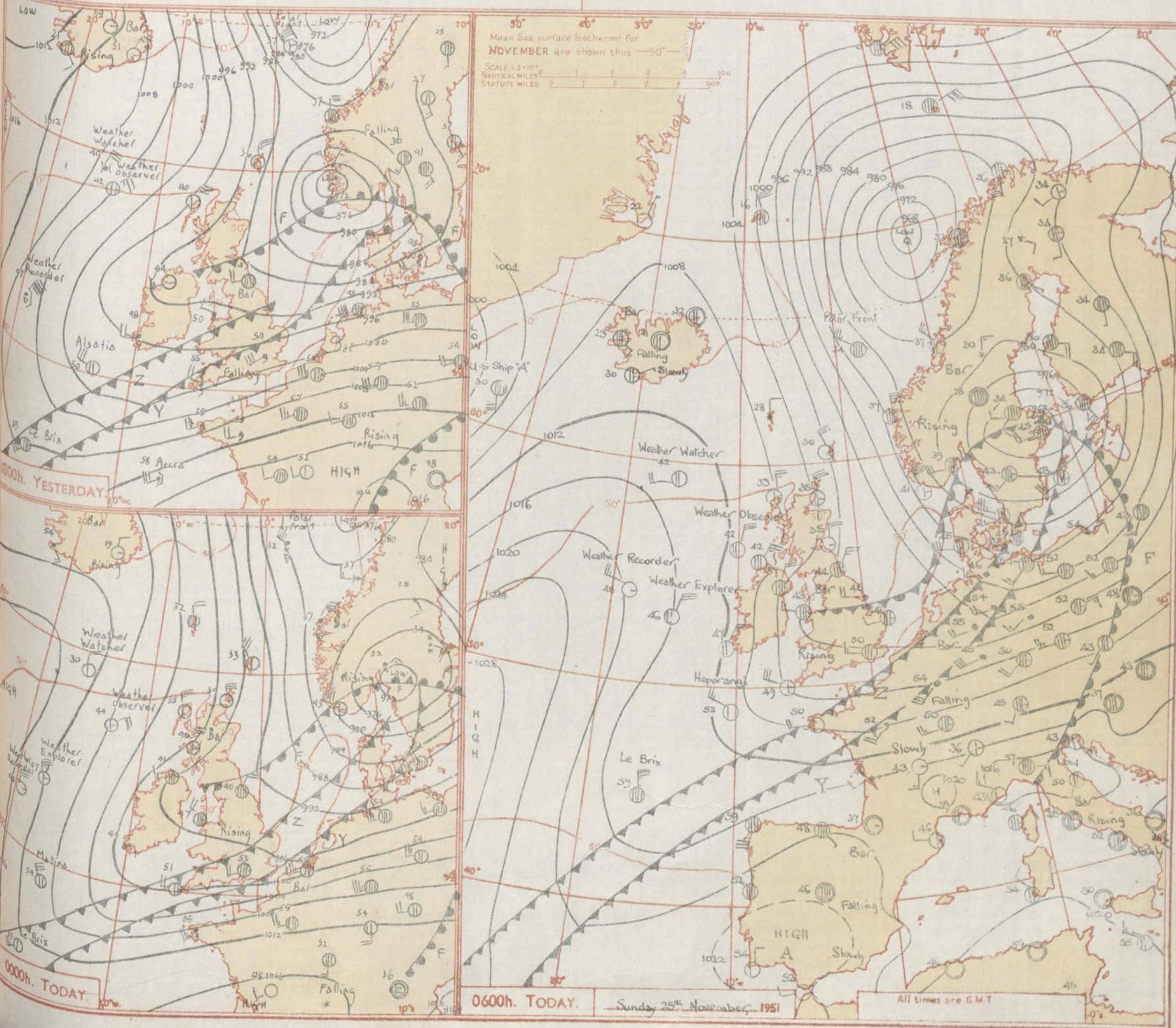
### FURTHER OUTLOOK.

The cold northerly airstream will be cut off and replaced by a milder westerly airstream bringing cloudy weather with rain at times, across our northern districts. A ridge of high pressure will give dry and bright weather in southern areas tomorrow and there may be further frost tomorrow night. Subsequently milder cloudy weather with rain at times may spread from the West.

North coasts are flying on East coast from Wylen Head to Wash, in Shetlands, and in Orkneys.

Mean Sea surface isotherms for NOVEMBER are shown thus — 50°

SCALE 1:250,000  
NAUTICAL MILES 0 100 200 300  
STATUTE MILES 0 100 200 300



All times are GMT



OBSERVATIONS during NIGHT

### 06h. Ships' Reports

WEATHER  
WEATHER  
WEATHER  
POLAR F  
U. S. S  
U. S. S  
U. S. S  
LE BRI  
KATINA  
NOVA S

\* Information not usually received.

† Code figure (see introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Monday 26<sup>th</sup> November. 1951

OBSERVATIONS at 12h. G.M.T. 25<sup>th</sup> November 1951.

OBSERVATIONS at 18h. G.M.T. 25<sup>th</sup> November 1951.

OBSERVATIONS during DAY

Sta.	21h.	Min. on Glass	21h.	Wind.	Pressure.	Temp.	Cloud.	Wind.	Pressure.	Temp.	Cloud.	21h.	Weather.	Max. Temp. 21h.	Sun- shine.	Rain 21h.																																																																																																																																																																																																																																																																																																																																																																																																																																																		
																	Direction (p. 4)	Speed (p. 4)	Vis.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Wet Bulb	Dew point	Form.	Main layer.	Lowest layer.	Direction (p. 4)	Speed (p. 4)	Vis.	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb	Wet Bulb	Dew point	Form.	Main layer.	Lowest layer.	State of ground	09h. to 15h. (34)	15h. to 21h. (35)	(36)	(37)	(38)																																																																																																																																																																																																																																																																																																																																																																																																																						
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Mid-day (12h) of  
Sunday 25<sup>th</sup> November  
1951.

Sunday 25<sup>th</sup> November

1951

Clark's Projection Scale :  $4 \times 10^4$  along meridian at  $55^\circ N$

Statute Miles 0 1 2 3 4 500

### EXPLANATION OF CHART






BAROMETER. Isobars are drawn for intervals of four millibars.




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

TEMPERATURE is given in degrees F.

**CLOUD SYMBOLS** ○ Clear sky ○ Sky 1/2 covered ○ Sky 2/3 covered ○ Sky 3/4 covered  
 ○ Sky 1/2 covered ○ Sky 2/3 covered ○ Sky 3/4 covered ○ Sky 1/2 covered ○ Sky 2/3 covered  
 ○ Sky obscured. **WEATHER SYMBOLS** ● Rain falling \* Snow \* Sleet  
 △ Hail ≡ Fog ≡ Mist T Thunder T Thunderstorm

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

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

 = Cold Occlusion  
 = Lines of Frontogenesis  
 Short strokes across the frontal line indicate Frontal waves.

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

All times are GMT

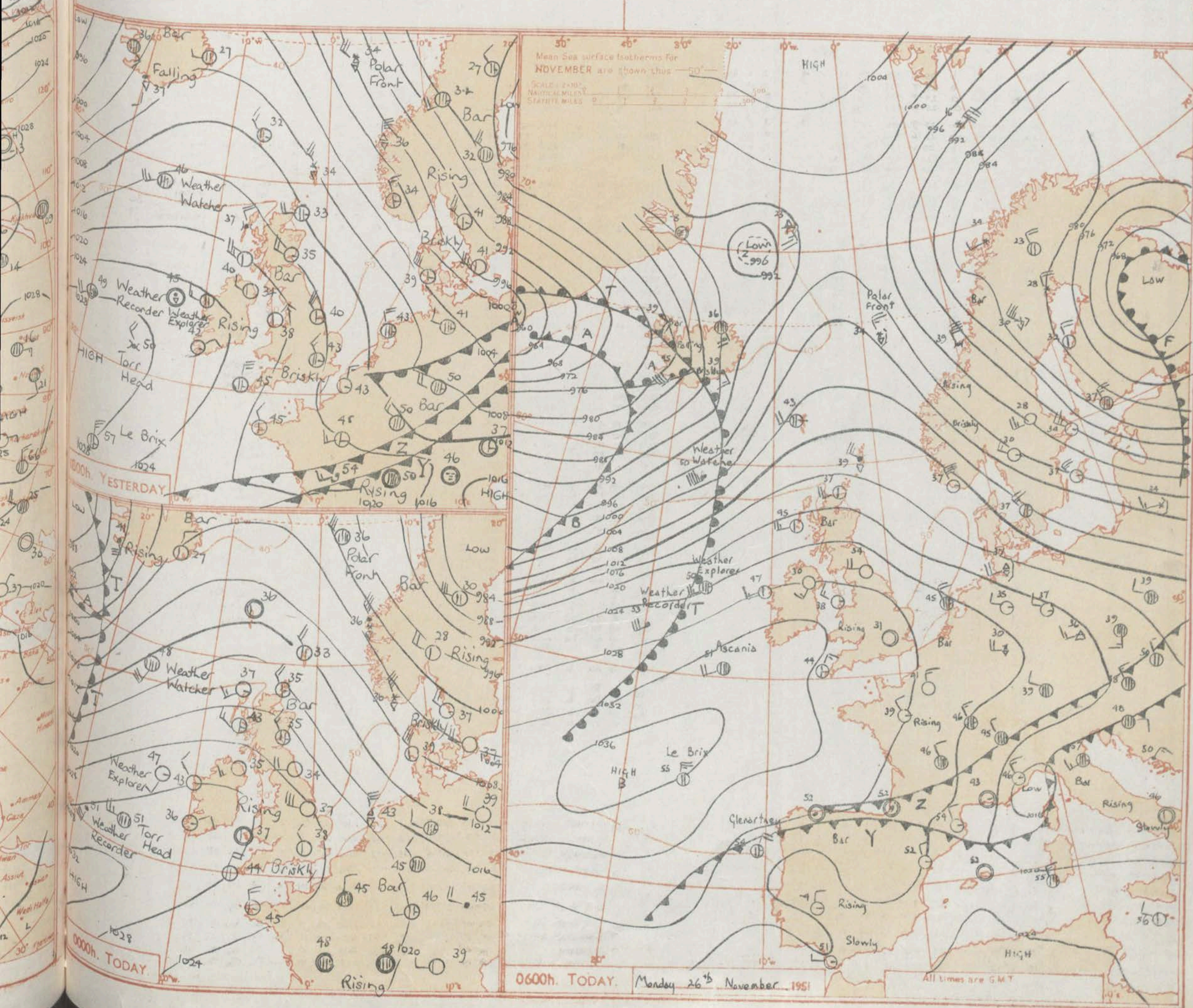


A ridge of high pressure is moving east across the British Isles and a trough of low pressure is approaching western districts. It will be dry in all districts at first apart from faint showers in Scotland, with variable cloud and sunny periods. Rain will spread across Ireland to Western Scotland during the afternoon, and is likely to reach some western districts of England and Wales tonight. Some frost is likely again tonight in sheltered places in central and south-eastern England, but day temperatures will rise to normal values in all districts.

### GENERAL INFERENCE.

### FURTHER OUTLOOK.

cloud and some rain spreading to most districts, though rain will probably be slight in the Southeast.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON

[illegible]

00h. Ships' Reports																06h. Ships' Reports																				
Ship	Lat. ° N	Long. ° W	Bar. mb.	Change in 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud					Height ft. of waves	Ship	Lat. ° N	Long. ° W	Bar. mb.	Change in 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud				
					Direc.	Speed	Pres.	Part	Air ° F	Sea ° F	Dew ° F		Point	Form	Amount	Direc.	Speed							Pres.	Part	Air ° F	Sea ° F	Dew ° F	Point	Form		Amount				
																																	Low	Med.	High	Low
WEATHER EXPLORER	54° 43'	12° 12'	1026	+02	220	03	b	pr	47	53	45	98	4	-	-	1	1	22	WEATHER WATCHER	59° 06'	15° 36'	1003	-46	210	43	ro	r	50	50	49	96	5	2	-	7	8
WEATHER OBSERVER	55° 18'	06° 00'	1025	+17	280	26	b	pr	46	53	38	98	2	-	-	2	2	-	WEATHER RECORDER	52° 30'	19° 54'	1025	-04	220	25	ir	r	53	54	53	97	5	-	-	7	7
WEATHER RECORDER	51° 24'	19° 54'	1027	-13	210	28	ir	r	51	54	43	97	5	-	-	8	8	24	WEATHER EXPLORER	54° 54'	10° 24'	1026	-02	230	21	c	pr	50	54	48	97	5	-	-	8	8
WEATHER WATCHER	59° 00'	15° 48'	1013	-44	210	31	o	bc	48	50	42	98	4	7	-	5	8	6 1/2	POLAR FRONT	66° 00'	02° 00' E	1003	+19	330	17	o/ps	pr	34	39	27	97	9	-	-	4	4
POLAR FRONT	66° 00'	02° 00' E	999	+33	320	28	o	pr	36	41	25	97	9	-	-	8	8	8	LE BRUX	45° 00'	16° 00'	1036	+15	260	20	bc	c	55	57	48	98	8	-	-	8	8
NOVA SCOTIA	53° 30'	32° 30'	1008	+00	200	30	c	c	52	44	50	98	6	-	-	7	7	-	U.S. SHIP "C"	52° 48'	35° 30'	1008	+21	280	20	rr	r	42	46	41	55	7	-	-	8	8
TORR HEAD	51° 00'	16° 48'	1031	+27	270	18	o	bc	51	54	42	98	4	-	-	8	8	8	U.S. SHIP "D"	44° 00'	41° 00'	1022	-12	200	38	o	c	64	60	57	74	5	-	-	8	7
U.S. SHIP "A"	62° 00'	33° 00'	973	-32	300	13	bc/r	r	44	-	-	73	6	-	-	5	5	9 1/2	HIGHLAND BRIGADE	36° 48'	10° 36'	1022	+02	050	05	c	bc	60	66	52	99	1	-	-	8	8
U.S. SHIP "C"	52° 54'	35° 48'	1006	-08	210	33	o/fo	c	51	47	51	55	7	-	-	8	8	17 1/2	ASCANIA	50° 42'	13° 54'	1032	+00	250	13	o	b	51	54	40	98	6	-	-	5	5
WAINSTEAD	50° 18'	11° 42'	1031	-05	030	10	b	b	49	57	47	99	-	-	-	0	0	-	GLENARTNEY	43° 30'	10° 00'	1029	+13	040	15	bc	bc	54	56	46	82	1	-	-	-	-

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\* Information not usually received

† Code figure (see Introduction)



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Tuesday 21<sup>st</sup> November, 1951

OBSERVATIONS at 12h. G.M.T. 26<sup>th</sup> November 1951

OBSERVATIONS at 18h. G.M.T. 26<sup>th</sup> November 1951

OBSERVATIONS during DAY

Min. on Gauss °F. (42)	Stations. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.						Wind.			Pressure.		Temp.		Cloud.						21 h. State of ground	Weather.		Max. Temp. 09h.- 21h. °F. (36)	Sun- shine. (37)	Rain 09h.- 21h. mm. (38)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		Direction (degrees).	Speed (kts.)	Variability		Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.		Change in 3 hrs.	°F. Dry Bulb.				°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	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Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	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Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.)	Variability	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Main layer.	Lowest layer.



## Chart of Weather in the Northern Hemisphere.





### GENERAL INFERENCE.

A deep depression over the Norwegian Sea is moving only slowly and associated troughs are moving southeast across the British Isles. A depression near Iceland will move east-southeast as a trough to the main depression. An anticyclone over France is showing little movement whilst another on the Atlantic will move towards Ireland and intensify but will probably slow up. A deep depression near Newfoundland is moving east-northeast. Over England and Wales, south Scotland and much of Ireland the weather will be mainly cloudy at first and a belt of rain extending from south Scotland to central Ireland will move southeast but will probably tend to die out and only occasional rain is likely in the southeast tonight. Behind the rain belt there will be bright periods but showers will also develop in our northwest districts. There may be showers tonight and tomorrow on some of the high ground in north Scotland. Temperatures will be

normal or rather over today but it will become somewhat colder again in the North. West winds will be strong in many northern areas and reach gale force at times in parts of west and north Scotland with chance of severe gales in the North tomorrow. Showers and bright periods in the North with a chance of rain reaching some places on Thursday. Probably mainly dry in the South with bright periods.

### Gale Warning.

North coasts are flying on north coasts of Scotland between Mallaig and Stonehaven, also in south coasts are flying on northwest and northeast coasts between Port Patrick and Barry, Firth of Forth and Spurn Head. Also in Isle of Man and between Loch Fyfe and Howth in northern Ireland.

### FURTHER OUTLOOK.

Mean Sea surface isotherms for

NOVEMBER are shown thus — 50°

SCALE 1:2000  
NAUTICAL MILES  
STATUTE MILES

HIGH

LOW

Falling

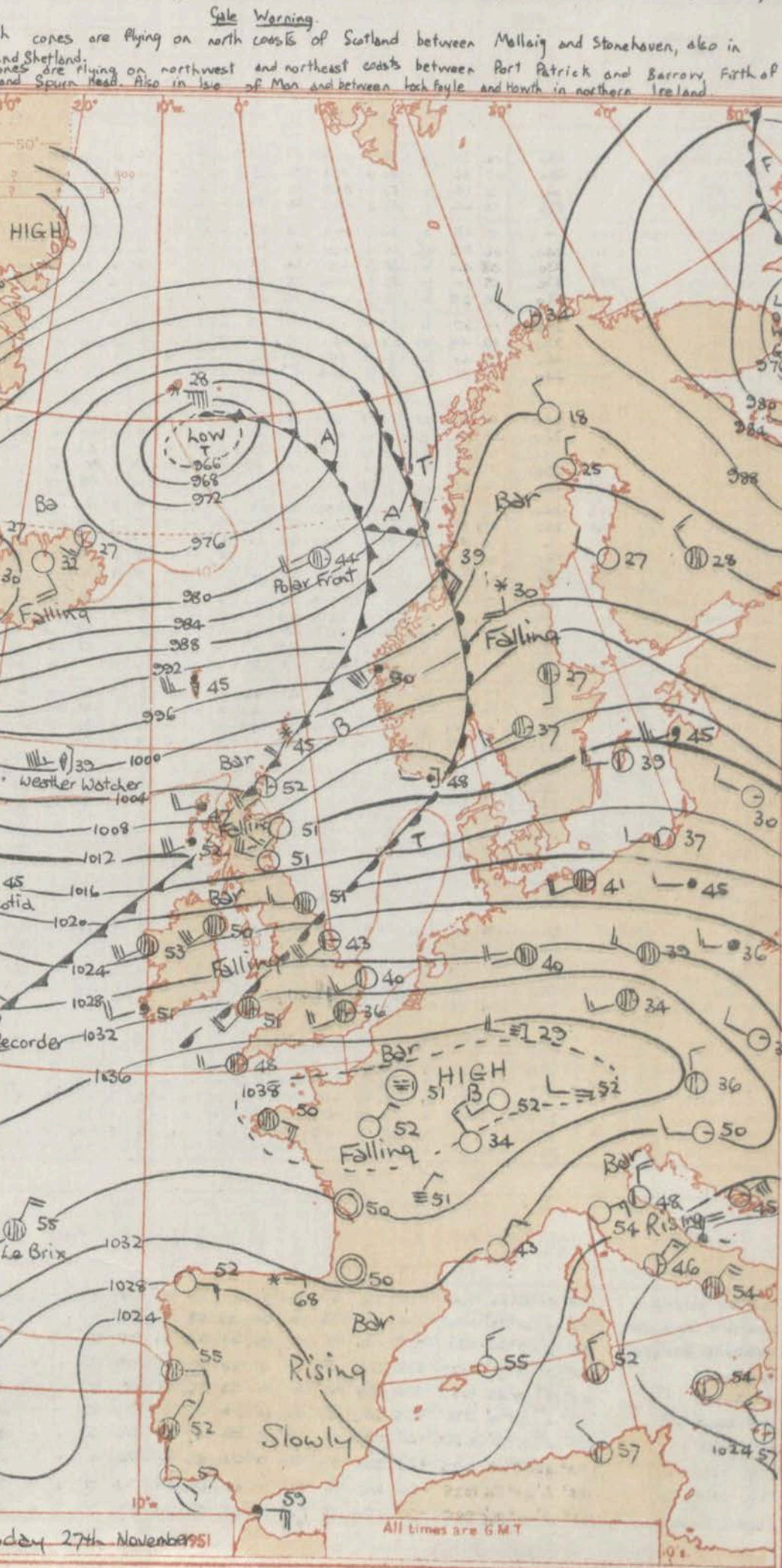
Rising

Bar

Slowly

Steadily

Very



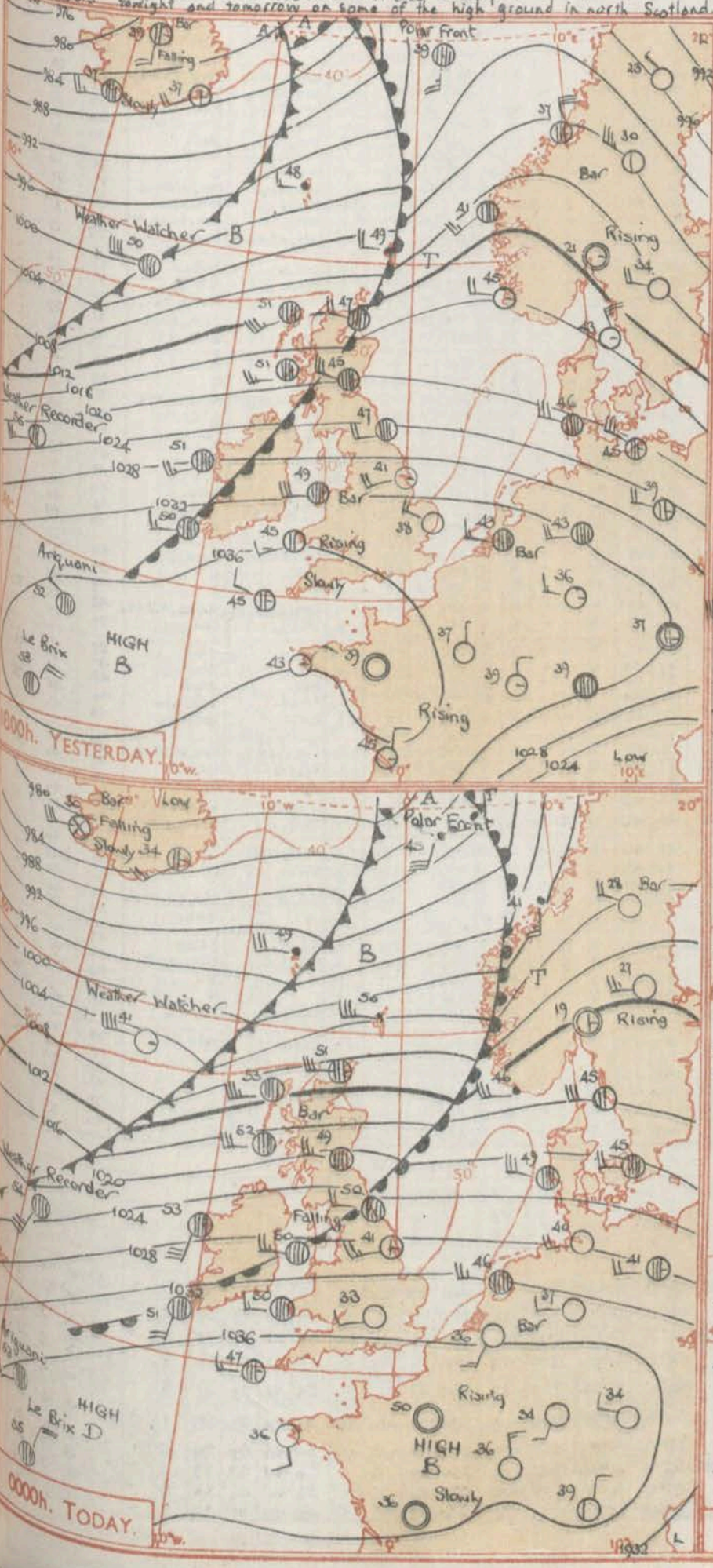
0600h. TODAY.

Tuesday 27th November 1951

All times are G.M.T.

0000h. YESTERDAY.

0000h. TODAY.





Weather  
Weather  
Le Br  
Polar  
U.S.-S  
U.S.-S  
U.S.-S  
Asca  
Nova  
Trevo

\* Information not usually received.

† Code figure (see Introduction)



Wednesday 28<sup>th</sup> November 1951

OBSERVATIONS at 18h. G.M.T. 27<sup>th</sup> November 1951

OBSERVATIONS during DAY

		12h. Ships' Reports															18h. Ships' Reports																							
Amount	Height of waves	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours	Wind		Weather		Temp.		Visibility	Cloud		Height of waves	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours	Wind		Weather		Temp.		Visibility	Cloud		Height of waves									
							Direc.	Speed	Pres.	Past	Air °F	Sea °F		Dew °F	Point							Form	Amount	Direc.	Speed	Pres.	Past		Air °F	Sea °F		Dew °F	Point	Form	Amount					
																																				Low	Med.	High	Low	Total
4	16	Weather Watcher	59° 12'	15° 48'	1002	+10	250	53	jp	pr	43	49	32	98	3	-	3	5	5	25 1/2	WEATHER RECORDER	52° 18'	20° 24'	1035	+05	280	15	c	c	48	54	35	98	5	-	-	6	6	3 1/2	
2	7	Weather Recorder	52° 11'	20° 31'	1034	+24	290	16	c	c	47	53	36	98	5	-	-	6	6	5 1/2	WEATHER WATCHER	59° 6'	16° 0'	1005	+20	260	55	bc	ph	pr	41	50	36	97	9	-	1	3	4	24
2	2	Le Briz	45° 0'	16° 0'	1037	+03	260	24	c	pr	58	60	41	98	8	-	-	7	7	6 1/2	LE BRIZ	45° 0'	16° 0'	1037	+12	360	18	c	c	55	50	43	98	8	-	-	7	7	6 1/2	
5	5	Polar Front	66° 18'	3° 06'	978	+11	260	26	jp	bc	39	46	31	98	3	-	-	5	5	8	POLAR FRONT	66° 6'	03° 12'	980	+01	260	23	bc	pr	41	46	28	98	3	-	-	5	5	8	
6	6	U.S. Ship 'A'	60° 48'	36° 32'	1006	+53	260	45	c	c	36	40	19	80	2	-	1	7	7	20 1/2	U.S. SHIP 'A'	61° 0'	34° 42'	1011	+20	270	42	o	pr	35	44	20	80	2	-	7	8	8	27	
4	4	U.S. Ship 'C'	52° 48'	35° 30'	1000	-02	200	18	o	c	43	46	33	74	5	-	-	8	8	14	U.S. SHIP 'C'	52° 48'	35° 30'	1023	-40	120	17	o	c	47	47	41	74	5	-	-	8	8	11	
8	8	Ascania	44° 0'	42° 41'	1019	+00	220	25	pr	pr	64	59	60	74	8	-	2	6	7	11	TORR HEAD	50° 0'	25° 30'	1033	+00	160	02	c	bc	51	54	42	98	6	3	-	3	6		
8	8	Nova Scotia	50° 51'	14° 0'	1025	+19	270	05	bc	bc	50	52	26	99	2	-	-	3	3	2	KENT	41° 0'	10° 48'	1025	+00	200	05	o	c	53	57	55	99	1	2	6	8	8	19	
8	8	Trevaylor	55° 41'	15° 24'	1023	+13	270	23	jp	c	44	48	31	98	8	-	-	4	4	17 1/2	CAPE YORK	47° 6'	17° 18'	1036	-03	110	02	o	c	54	56	41	98	5	-	-	8	8		
7	7		45° 6'	20° 34'	1007	+09	230	07	c	c	64	65	58	98	4	-	-	7	7	2	NOVA SCOTIA	55° 36'	13° 0'	1023	+02	270	35	ir	pr	46	48	38	98	8	-	-	3	3	22 1/2	

\* Information not usually received

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



# Chart of Weather in the Northern Hemisphere.





### GENERAL INFERENCE.

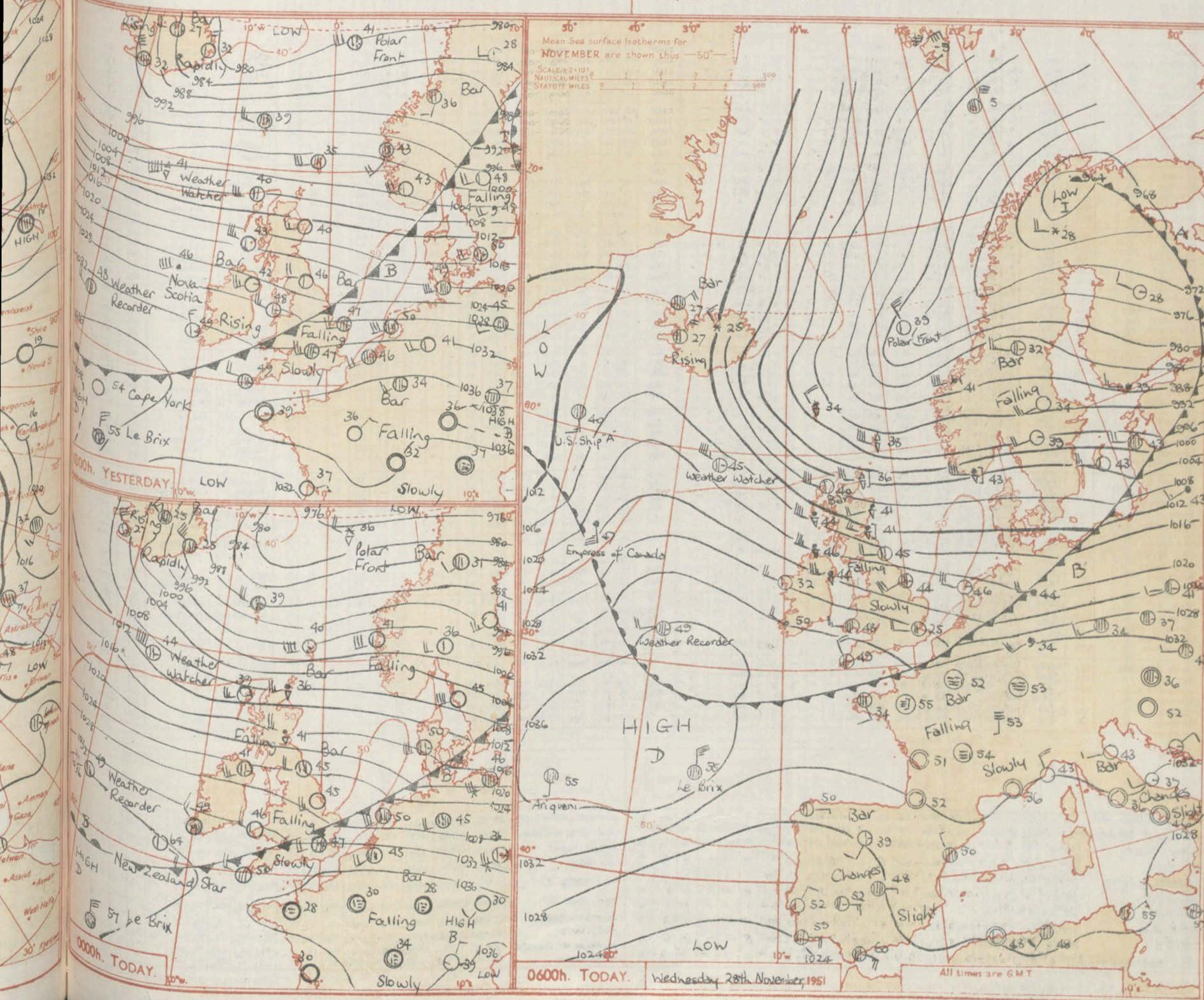
Pressure is low to the northeast of the British Isles and high to the southwest. Variable cloud is expected in all districts, with some bright intervals. There will be rather frequent showers in Scotland and Northern England, with hail and perhaps thunder at times, and showers may extend to other eastern districts of England later. Elsewhere it is likely to be mainly dry. Temperatures will be rather below normal, and it is likely to become colder in the north, with snow on the high ground.

### FURTHER OUTLOOK.

Variable cloud. Scattered showers. Rather cold.

Gale Warning.

- ↑ North cones are flying on coasts north of a line Mallaig to Stonehaven including Orkneys and Shetlands.
- ↓ South cones are flying on coasts of England and Ireland north of a line Lynton to Spurn Head.





# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 28th November, 1951

OBSERVATIONS at 06hr. G.M.T. 28th November, 1951

OBSERVATIONS during NIGHT

Stations.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						Wind.				Pressure.		Temp.		Cloud.						9 h.	State of ground.	Weather.		Temperature.	
		Direction (degrees).	Speed (kts.).	Visiblity.	Present Weather.	Bar. at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Amount.	Main layer.	Lowest layer.	Direction (degrees).	Speed (kts.).	Visiblity.	Present Weather.	Bar. at M.S.L.	Change in 3 hrs.	Dry Bulb.	Wet Bulb.	Form.	Amount.	Main layer.	Lowest layer.	24 h. to 03 h.	03 h. to 09 h.	Min. 24 h.	Max. 24 h.						
																																(1)	(2)	(3)	(4)
Kew ...	18	240	11	80	c	30.8	-0.8	47	41	5	-	-	7	7	17	-	-	250	06	30	b	29.2	-0.9	46	42	5	-	-	-	1	1	30	44	37	
London Airport	82	240	08	80	c	31.5	-1.0	45	41	5	-	-	8	8	20	-	-	260	10	81	e	29.3	-0.4	45	41	5	-	-	-	1	1	21	43	42	
Lympne ...	341	240	08	80	c	31.5	-1.0	45	41	5	-	-	8	8	20	-	-	270	10	81	e	29.1	-1.1	46	44	5	-	-	-	1	1	37	44	43	
Tangmere ...	53	250	12	56	c	32.4	-0.8	49	43	5	-	-	3	3	35	-	-	290	08	86	o	30.4	-0.9	48	44	5	-	-	-	1	1	36	45	44	
Calshot ...	12	270	11	80	c	32.1	-1.4	49	44	5	-	-	3	3	35	-	-	300	09	80	bc	30.9	-0.6	47	44	5	-	-	-	5	5	30	46		
Boscombe Down	414	270	08	80	c	31.4	-0.9	45	44	5	-	-	7	7	20	-	-	290	08	80	b	30.2	-0.5	42	40	5	-	-	-	1	1	30	39	35	
Felixstowe ...	10	250	10	40	o	29.1	-1.1	48	43	5	-	-	8	8	30	-	-	240	08	52	b	26.8	-0.9	45	41	5	-	-	-	0	0	21	41	36	
Gorleston ...	5	250	10	56	c	27.7	-0.2	47	43	5	-	-	8	8	28	-	-	310	08	56	b	26.1	-1.0	42	38	5	-	-	-	0	0	21	39	36	
West Raynham	250	240	10	64	c	27.7	+0.3	43	43	5	-	-	6	6	-	-	-	240	13	64	c	25.3	-1.3	41	37	5	-	-	-	6	6	-	39	33	
Mildenhall ...	15	240	09	80	c	28.5	-0.3	46	45	5	-	-	7	7	42	6	12	240	10	64	b	26.4	-1.2	41	39	5	-	-	-	0	0	21	41	37	
Cranfield ...	340	250	14	60	o	29.7	+0.0	46	43	5	-	-	8	8	30	-	-	250	10	64	b	28.1	-1.0	38	35	5	-	-	-	2	2	30	31	35	
Elmdon ...	326	230	12	56	o	29.2	+0.2	45	39	5	-	-	8	8	35	1	35	240	09	80	bc	27.2	-1.2	41	36	5	-	-	-	4	3	30	39	37	
Cottesmore ...	452	270	11	80	bc	28.1	+0.3	43	39	5	-	-	4	4	83	-	-	230	12	64	c	25.3	-2.1	40	36	5	-	-	-	7	3	45	39	31	
Watnall ...	368	230	08	48	b	27.6	-0.4	43	38	5	-	-	4	4	0	0	-	270	07	64	o	29.2	-2.0	41	35	5	-	-	-	8	8	35	39	35	
Ross-on-Wye...	223																	250	06	81	b	29.2	-0.8	44	38	5	-	-	-	1	1	30	42		
Shawbury ...	235	150	08	80	b	28.9	-0.4	43	36	5	-	-	1	1	81	-	-	240	12	64	bc	26.7	-1.6	45	36	5	-	-	-	8	8	40	39	37	
Bristol ...	192	240	10	48	o/r	30.6	-0.4	48	47	6	-	-	8	8	03	3	01	250	09	32	b	29.8	-0.6	44	37	5	-	-	-	1	1	33	46	39	
Plymouth ...	90	260	09	64	o	33.6	-0.9	50	45	5	-	-	8	8	25	-	-	270	07	64	bc	32.6	+0.0	47	46	5	-	-	-	3	3	33	46	41	
Chivenor ...	20	290	07	64	o/r	32.4	-0.5	49	48	5	-	-	8	8	12	-	-	290	13	80	bc	32.0	-0.2	48	39	5	-	-	-	5	5	25	47	43	
St. Eval ...	338	250	16	81	o	32.4	-0.8	49	43	5	-	-	8	8	28	-	-	300	08	82	bc	33.0	-0.6	47	41	5	-	-	-	5	5	31	45		
Coldrose ...	280	280	15	82	c	34.1	-0.6	50	44	5	-	-	6	6	25	-	-	300	12	80	b	33.6	+0.0	46	43	5	-	-	-	0	0	20	44	36	
Scilly, St. Mary's	163	280	12	83	c	34.4	-0.3	50	43	5	-	-	6	6	24	-	-	340	11	83	o/r	33.6	-0.8	49	46	5	-	-	-	5	5	20	47	43	
Guernsey ...	340	250	09	82	c	35.4	-0.3	47	38	5	-	-	8	8	30	3	20	290	08	82	bc	33.6	-0.9	48	44	5	-	-	-	8	8	25	46	37	
Aberporth ...	375	270	05	82	b	31.0	-0.3	45	38	5	-	-	2	2	30	0	-	280	22	81	o	29.8	-0.3	47	38	5	-	-	-	7	7	30	44	38	
Pembroke Dock	40	280	10	80	b	32.4	+0.4	46	40	5	-	-	2	2	30	-	-	270	17	81	c	31.3	-0.8	48	41	5	-	-	-	6	6	32	46		
Holyhead (Valley)	32	270	10	80	b	29.6	-0.3	46	46	5	-	-	1	1	30	-	-	260	25	80	o	27.0	-1.0	47	42	5	-	-	-	8	8	25	45	42	
Manchester ...	230	210	08	48	b	27.0	-0.4	42	37	5	-	-	0	0	-	0	-	250	23	48	o	24.2	-1.6	45	37	5	-	-	-	8	8	31	41	36	
Squires Gate ...	33	290	22	81	bc	26.9	-0.3	48	38	5	-	-	4	4	40	-	-	280	28	81	c	23.5	-2.0	48	41	6	-	-	-	7	6	80	47	38	
Silloth ...	25	280	18	64	b	23.2	-1.8	45	42	2	-	-	1	1	25	-	-	250	28	86	bc	19.6	-2.0	46	41	8	-	-	-	7	4	50	42	37	
Finningley ...	52	230	07	48	b	25.7	-0.9	45	34	5	-	-	0	0	-	0	-	270	15	48	bc	22.9	-2.9	45	35	5	-	-	-	7	6	23	43		
Spurn Head ...	29	250	20	32	b	25.3	-0.5	45	40	5	-	-	0	0	-	0	-	280	22	40	c	23.0	-2.1	44	38	5	-	-	-	1	7	25	42	38	
Dishforth ...	105	270	16	81	b	23.7	-1.8	45	35	5	-	-	0	0	-	0	-	260	23	81	c	19.9	-3.0	46	36	5	-	-	-	7	7	33	43	38	
Tynemouth ...	108	270	15	56	c	21.8	-1.0	45	34	5	-	-	6	6	28	-	-	270	16	56	bc	16.7	-3.1	45	36	7	-	-	-	4	4	28	39	35	
Leuchars ...	36	280	21	81	pr	15.6	-1.3	41	35	2	-	-	6	6	20	-	-	290	21	80	bc	12.0	-2.1	41	36	2	-	-	-	3	1	20	37		
Eskdalemuir ...	794																	260	18	60	pr	16.3	-2.0	40	36	2	-	-	-	7	7	19	37		
Prestwick ...	30	240	24	81	b	20.7	-1.4	44	40	5	-	-	1	1	20	-	-	270	30	40	pr	17.8	-1.5	47	39	3	-	-	-	8	6	22	42	38	
West Freugh...	52	300	26	64	b	23.9	-0.6	44	37	5	-	-	1	1	25	-	-	320	31	48	pr	21.2	-1.5	46	40	5	-	-	-	8	7	31	42	41	
Ronaldsway ...	55	280	27	81	bc	26.0	-1.1	45	35	5	-	-	4	4	25	-	-	260	26	81	o	23.8	-1.6	46	40	5	-	-	-	8	8	83	44	38	
Tiree ...	29	280	35	48	pr	17.1	-1.3	45	38	5	-	-	8	8	19	-	-	280	34	48	pr	15.4	-0.8												



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Thursday 29<sup>th</sup> November 1951

OBSERVATIONS at 12h. G.M.T. 28<sup>th</sup> November 1951

OBSERVATIONS at 18h. G.M.T. 28<sup>th</sup> November 1951

OBSERVATIONS during DAY

Station. (For heights see p. 4)	Wind.			Present Weather.	Pressure.		Temp.		Cloud.										Wind.		Temp.		Cloud.										21 h. State of ground.	Weather.		Max. Temp. 09h.-21h.	Sun-shine.	Rain 09h.-21h. mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Direction (degrees).	Speed (kts.).	+.		Bar at M.S.L.	Change in 3 hrs.	°F. Dry Bulb.	°F. Dew point.	Form.	Amount.	Main layer.	Lowest layer.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.		+.	+.				+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.	+.



## Chart of Weather in the Northern Hemisphere.





# GENERAL INFERENCE.

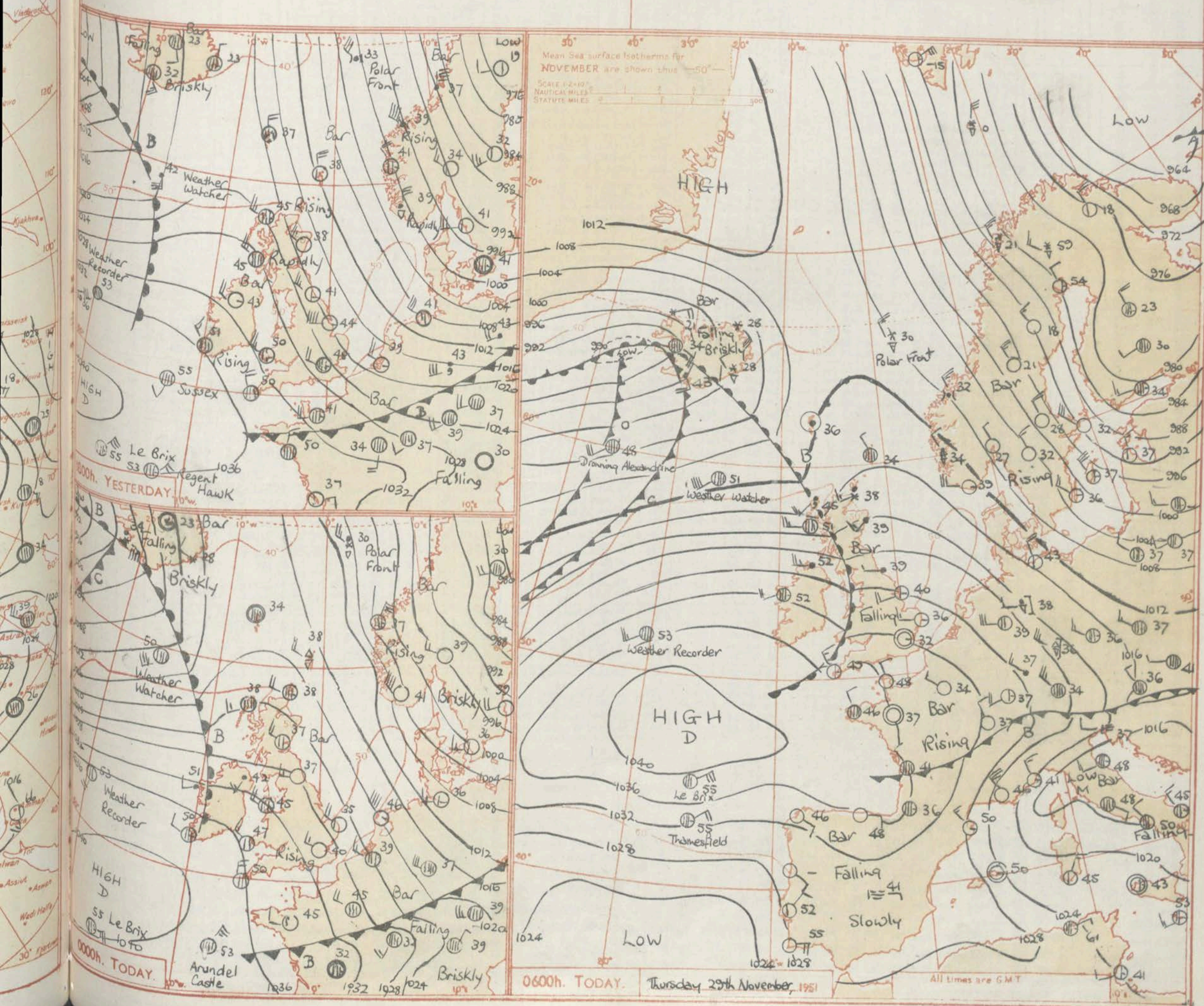
A deep depression near Iceland is moving east, and an anticyclone to the southwest of the British Isles is almost stationary. The rain which has spread across the country will move clear of the east coast during the afternoon, and will be followed by cloudy or dull, mild weather in all districts. There will be some rain or drizzle at times in the west and north, but elsewhere it will be mainly dry.

## FURTHER OUTLOOK.

Mainly cloudy. Rain or drizzle at times, mainly in the west and north.

### Gale Warning

South coasts are flying on west coasts from Cardiff to Dornoch Firth, Isle of Man, Orkneys and Shetland and Howth to Loch Foyle.





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

[illegible]

00h. Ships' Reports															06h. Ships' Reports																							
Ship	Lat. ° N	Long. ° W	Bar. mb.	Change 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud					Height of waves ft.	Ship	Lat. ° N	Long. ° W	Bar. mb.	Change 3 hours 0-1 mb	Wind		Weather		Temp.			Visibility	Cloud						
					Direc.	Speed	Pres.	Part	Air ° F	Sea ° F	Dew ° F		Point	Form										Direc.	Speed	Pres.	Part	Air ° F	Sea ° F	Dew ° F		Point	Form					
														Low	Med.	High	Low																Total	Low	Med.	High	Low	Total
WEATHER WATCHER	50° 12'	16° 36'	1014	-26	240	36	o	r	50	50	49	97	6	-	-	7	8	8	EMPRESS OF CANADA	54° 6'	14° 12'	1026	-02	250	37	b	b	52	52	50	98	-	-	-	8	8		
WEATHER RECORDER.	52° 12'	0° 42'	1036	-06	220	12	bc	bc	53	53	51	98	5	-	-	4	4	25 1/2	DORNING ALEXANDRINE	60° 0'	26° 18'	1005	+16	230	26	id	d	48	47	45	87	7	-	-	5	6		
POLAR FRONT	65° 0'	02° 1'E	1009	+30	330	23	ps	pr	30	46	25	96	9	-	-	8	8	9 1/2	SALACIA	55° 6'	13° 6'	1029	-05	250	18	c	b	53	52	47	98	5	7	-	7	7		
LE BRIK	45° 0'	16° 0'	1040	+04	090	20	c	c	55	50	47	97	5	-	-	6	6	9 1/2	THAMESFIELD	43° 12'	16° 6'	1033	+15	050	13	c	c	55	57	49	98	4	-	-	8	8		
ARUNDEL CASTLE	46° 30'	07° 0'	1037	+20	040	18	o	c	53	56	42	99	1	-	-	8	8	*	WEATHER WATCHER	59° 18'	16° 24'	1012	-08	240	35	o	d	51	50	49	94	6	-	-	8	8		
SUSSEX	49° 54'	25° 42'	1035	+00	220	09	o	c	54	56	48	99	8	-	-	8	8	3	WEATHER RECORDER	52° 24'	20° 0'	1036	-12	240	20	o	c	53	52	49	98	5	-	-	6	6		
TORRHEAD	48° 48'	32° 6'	1028	-08	170	30	o	c	57	56	57	98	6	-	-	8	8	9 1/2	POLAR FRONT	61° 54'	02° 12'E	1009	-02	340	19	ps	pr	30	48	25	97	9	-	-	6	6		
DORELIAN	49° 36'	39° 12'	1013	+15	300	21	RR	r	51	58	49	96	7	-	-	8	8	13	LE BRIK	45° 0'	16° 0'	1039	-06	070	26	c	c	55	60	48	97	5	-	-	0	0		
RANGITANE	41° 30'	33° 30'	1032	+03	140	18	o	c	58	61	54	99	5	-	-	8	8	6 1/2	EMPIRE HALLATDALE	45° 54'	08° 24'	1037	+18	070	18	b	c	53	59	45	98	-	7	-	0	0		
ASCANIA	50° 0'	36° 0'	1017	-22	180	37	c	c	58	56	54	98	6	-	-	6	6	*	LEICESTERSHIRE	42° 54'	09° 18'	1030	*	040	17	b	bc	53	*	*	98	-	-	-	-	-		

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\* Information not usually received.



# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Date of issue Friday 30<sup>th</sup> November 1951

OBSERVATIONS at 12h. G.M.T. 29<sup>th</sup> November 1951

OBSERVATIONS at 18h. G.M.T. 29<sup>th</sup> November 1951

OBSERVATIONS during DAY

Temperature.		Stations. (For list see p. 4)	Wind.		Present Weather.	Pressure.		Temp.		Cloud.				Wind.		Temp.		Cloud.				21 h. State of ground.	Weather.		Max. Temp. 09h.- 21h. (°F)	Sun- shine. (°)	Rain 09h.- 21h. (mm)				
h.-09 h.	21h.-09 h.		Direction (degrees)	Speed (kts.)		Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Main layer.	Lowest layer.	Direction (degrees)	Speed (kts.)	Bar at M.S.L.	Change in 3 hrs.	Dry Bulb.	Dew point.	Form.	Main layer.	Lowest layer.		09h. to 15h. (24)	15h. to 21h. (25)							
(1)	(2)		(3)	(4)		(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		(21)	(22)				(23)	(24)		
8	29	Kew	210	07	0	30.6	-22	44	43	270	07	16	c	29.0	+03	50	44	6	-	-	7	7	30	5	15	1	cm, lo, m, m	cm, bc, m	51		
9	25	London Airport	250	13	0	30.7	-24	44	42	270	10	56	c	29.0	+04	50	45	5	-	-	8	8	31	1	20	1	cm, lo, m, m	cm, bc, m	51		
10	29	Lympne	250	13	0	30.7	-24	44	42	270	10	56	c	29.0	+04	50	45	5	-	-	8	8	31	1	20	1	cm, lo, m, m	cm, bc, m	51		
11	28	Tangmere	270	10	0	31.4	-24	44	42	270	07	32	c	30.2	-00	49	46	5	-	-	7	7	35	4	12	2	cc, lo, m, m	cc, w, b, w, c, w	47	0.0	
12	31	Coburn	270	14	0	32.3	-23	44	42	270	14	56	b	30.5	-02	49	45	5	-	-	7	7	38	-	-	1	cm, lo, m, m	cm, bc, m	50	0.0	
13	26	Boscombe Down	270	10	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	2	2	30	-	-	0	cc, lo, m, m	cc, bc	51	0.0	
14	32	Felton	270	10	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	3	3	30	-	-	1	cc, lo, m, m	cc, bc, w, b, w	51	0.0	
15	22	Corston	230	15	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	3	3	30	-	-	1	cc, lo, m, m	cc, bc, w, b, w	51	0.0	
16	29	West Raynham	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	1	1	-	-	-	2	cc, lo, m, m	cc, bc, w, b, w	50	0.0	
17	28	Malden	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	1	1	-	-	-	1	cc, lo, m, m	cc, bc, w, b, w	49	0.0	
18	26	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	6	6	46	-	-	2	cm, lo, m, m	cm, bc, w, b, w	49	0.0	
19	26	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	36	-	-	1	cm, lo, m, m	cm, bc, w, b, w	50	0.0	
20	24	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	7	7	42	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
21	24	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	6	6	38	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
22	26	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	30	-	-	1	cc, lo, m, m	cc, bc, w, b, w	51	0.0	
23	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	7	7	17	2	13	1	cc, lo, m, m	cc, bc, w, b, w	51	0.0	
24	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	2	2	30	-	-	1	cc, lo, m, m	cc, bc, w, b, w	53	0.0	
25	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	7	7	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	53	0.0	
26	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	26	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
27	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	7	7	35	-	-	1	cc, lo, m, m	cc, bc, w, b, w	53	0.0	
28	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
29	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
30	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
31	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
32	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
33	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
34	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
35	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
36	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
37	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
38	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
39	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
40	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
41	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
42	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
43	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
44	28	Griffith	270	12	0	31.6	-23	44	42	270	15	56	b	30.0	+01	48	44	5	-	-	8	8	22	-	-	1	cc, lo, m, m	cc, bc, w, b, w	52	0.0	
45	28	Griffith	270	12	0																										



## Chart of Weather in the Northern Hemisphere.





GENERAL INFERENCE

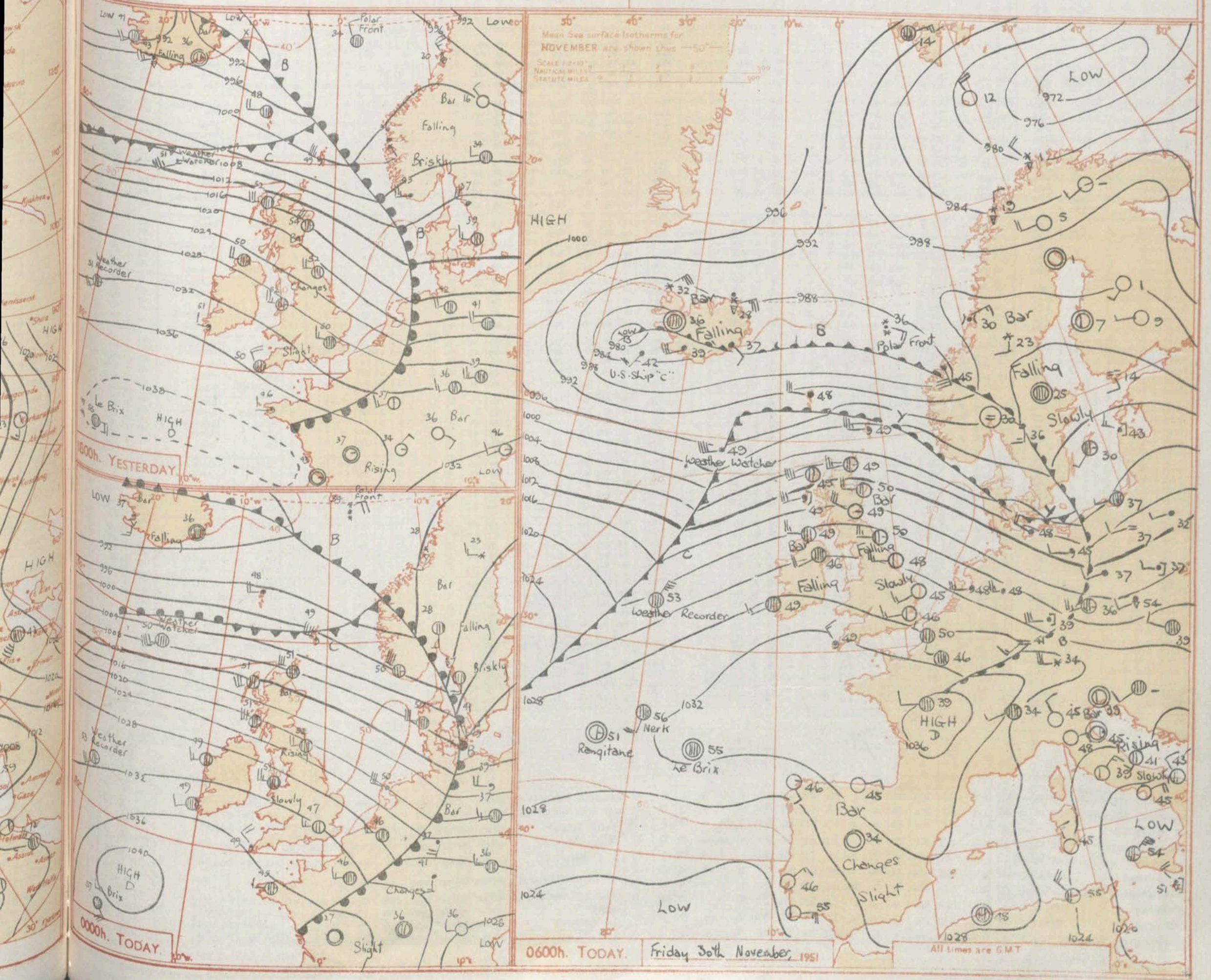
Pressure is high to the southwest of the British Isles and low to the North. In the Midlands and eastern England cloud will remain well broken for most of today, with sunny periods. In the west and north it will be cloudy today with rain or drizzle at times, and cloud will remain this evening in central and eastern districts, with a narrow belt of rain moving southeast across England during the night. Cloud is likely to become broken in all districts by tomorrow morning, with some showers mainly in the northwest. It will be mild in most districts.

FURTHER OUTLOOK

Variable cloud, bright intervals, showery in the North.

GALE WARNING

South cones are flying on coasts North of a line Lynton to the Wash including Orkneys and Shetlands but excluding coast Clyde to Malin.





# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 00hr. G.M.T. 30th November, 1951

OBSERVATIONS at 06hr. G.M.T. 30th November, 1951

OBSERVATIONS during NIGHT

STATIONS.	Height above M.S.L.	Wind.				Pressure.		Temp.		Cloud.						State of ground	Weather.		Temperature									
		Direction (degrees).	Speed (kts.).	+ Visibility.	Present Weather.	Bar at M.S.L.	Change in 3 hrs.	°F Dry Bulb.	°F Dew point.	Form.	Amount.	Main layer.	Lowest layer.	Ht.	21 h. to 03 h. (39)		03 h. to 09 h. (40)	Min. °F.	Max. °F.	Rain.								
																					Low.	Medium.	High.	Total amount.	0-8.	0-8.	0-8.	Ht.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)								
Kew ...	18																											
London Airport	82	250	10	48	b	28.6	+0.0	47	43	5	-	4	4	35	-		bmbccm.	cbcbm.w	45	38								
Lympne ...	341	250	11	64	o	28.7	+0.7	45	43	5	-	8	8	40	-		bmbccm.	cbcbm.w	42	34								
Tangmere ...	53	280	06	24	b	30.4	+0.0	48	45	5	-	8	8	27	-		bmbccm.	cbcbm.w	43	41								
Calshot ...	12	270	11	81	b	30.8	-0.1	47	45	5	-	1	1	35	-		bmbccm.	cbcbm.w	36	32								
Boscombe Down	414	280	11	80	b	30.3	+0.0	45	43	5	-	0	0	-	-		bmbccm.	cbcbm.w	45	40								
Felixstowe ...	10	250	10	56	b	25.8	+0.6	50	44	5	-	7	3	35	-		bmbccm.	cbcbm.w	41	33								
Gorleston ...	5	310	10	48	b	24.1	+0.6	48	44	5	-	0	0	-	-		bmbccm.	cbcbm.w	47	40								
West Raynham	250	280	16	48	b	24.0	-0.4	46	43	5	-	0	0	-	-		bmbccm.	cbcbm.w	44	32								
Mildenhall ...	15	270	13	40	b	25.5	-0.3	48	44	6	-	2	2	30	-		bmbccm.	cbcbm.w	40	38								
Cranfield ...	340	270	10	72	c	27.9	+0.2	48	43	5	-	6	6	72	-		bmbccm.	cbcbm.w	44	36								
Elmdon ...	326	280	16	56	b	27.8	-0.2	50	43	5	-	3	3	30	-		bmbccm.	cbcbm.w	41	35								
Collesmore ...	452	300	23	80	b	24.9	-0.9	49	45	5	-	6	6	27	-		bmbccm.	cbcbm.w	38	28								
Watnall ...	366	270	18	80	b	25.8	-0.1	50	42	5	-	4	4	25	-		bmbccm.	cbcbm.w	44	41								
Ross-on-Wye...	223																											
Shawbury ...	235	250	10	80	b	28.3	+0.2	49	41	5	-	3	3	40	-		bmbccm.	cbcbm.w	45	40								
Bristol ...	192	230	08	80	b	30.1	+0.1	48	45	5	-	4	4	35	-		bmbccm.	cbcbm.w	41	35								
Plymouth ...	90	280	17	64	b	33.7	-0.2	51	46	5	-	5	5	26	-		bmbccm.	cbcbm.w	38	28								
Chivenor ...	20	230	15	82	c	32.8	+0.1	52	46	5	-	6	6	80	-		bmbccm.	cbcbm.w	44	39								
St. Eval ...	338	230	12	80	o	34.5	-0.2	50	46	5	-	8	8	21	-		bmbccm.	cbcbm.w	48	47								
Culdrose ...	260	280	15	81	d/d	34.7	-0.5	48	48	6	-	8	6	20	4	15	bmbccm.	cbcbm.w	49	45								
Scully, St. Mary's	183	320	13	80	c	35.6	-0.5	49	45	5	-	7	7	12	-		bmbccm.	cbcbm.w	47	43								
Guernsey ...	340	320	16	82	c	34.3	-0.3	51	45	5	-	7	7	10	-		bmbccm.	cbcbm.w	49	45								
Aberporth ...	375	280	13	82	b	31.6	+0.1	49	45	5	-	5	5	23	-		bmbccm.	cbcbm.w	47	43								
Pembroke Dock	40	230	08	81	b	33.1	+0.2	51	45	5	-	5	5	23	-		bmbccm.	cbcbm.w	47	43								
Holyhead (Valley)	32	280	21	80	o	25.8	+0.1	51	45	5	-	8	8	26	-		bmbccm.	cbcbm.w	49	45								
Manchester ...	230	270	19	64	b	26.6	+0.0	49	45	5	-	1	1	40	-		bmbccm.	cbcbm.w	48	45								
Squires Gate ...	33	270	22	80	b	26.7	-0.2	49	48	5	-	3	3	80	-		bmbccm.	cbcbm.w	47	43								
Silloth ...	25	270	17	64	b	24.1	-0.3	50	46	5	-	3	3	-	-		bmbccm.	cbcbm.w	48	45								
Finningley ...	52	300	14	52	b	24.3	-0.1	51	40	5	-	0	0	-	-		bmbccm.	cbcbm.w	47	43								
Spurn Head ...	29	270	23	40	b	22.6	+0.3	49	47	5	-	0	0	-	-		bmbccm.	cbcbm.w	48	45								
Dishforth ...	306	270	12	81	b	23.0	-0.3	50	42	5	-	5	3	40	-		bmbccm.	cbcbm.w	47	43								
Tynemouth ...	108	270	15	56	o	21.8	+0.2	52	44	6	-	8	8	22	-		bmbccm.	cbcbm.w	49	45								
Leuchars ...	36	280	21	64	c	17.0	+0.3	51	46	5	-	7	6	-	-		bmbccm.	cbcbm.w	47	43								
Eskdalemuir ...	794																											
Prestwick ...	30	260	20	64	c	23.8	+0.4	51	46	5	-	7	6	50	2	20	bmbccm.	cbcbm.w	47	43								
West Freugh ...	52	270	16	64	o	25.4	-0.2	51	45	5	-	8	5	30	2	20	bmbccm.	cbcbm.w	48	45								
Ronaldsway ...	55	270	19	81	c	27.6	+0.5	51	46	5	-	7	7	26	-		bmbccm.	cbcbm.w	47	43								
Tiree ...	29	270	22	64	c	21.7	-0.2	51	47	5	-	6	6	18	-		bmbccm.	cbcbm.w	48	45								
Benbecula ...	16	250	22	80	b	18.3	-0.4	50	48	5	-	4	4	45	-		bmbccm.	cbcbm.w	49	45								
Stornoway ...	10	240	23	64	c	14.9	-0.2	51	46	5	-	6	5	25	4	15	bmbccm.	cbcbm.w	47	43								
Cape Wrath ...	367	270	37	80	id.	09.1	-0.8	50	48	5	-	8	8	10	-		bmbccm.	cbcbm.w	48	45								
Sule Skerry ...	43																											
Renfrew ...	30	230	17	80	c	23.1	+1.5	51	46	5	-	6	6	24	-		bmbccm.	cbcbm.w	47	43								
Dyce ...	234	260	15	80	c	14.4	+0.3	53	44	5	-	6	5	50	-		bmbccm.	cbcbm.w	47	43								
Wick ...	119	230	23	81	o	10.3	+0.2	51	47	5	-	8	8	47	-		bmbccm.	cbcbm.w	48	45								
Lerwick ...	269	280	36	24	dob	01.8	-0.4	49	47	7	-	8	8	11	3	07	bmbccm.	cbcbm.w	46	44								
Blackod Point	18	250	09	81	c	29.1	-1.5	49	47	9	-	6	6	19	-		bmbccm.	cbcbm.w	47	43								
Malin Head ...	84																											
Aldergrove ...	220	260	09	81	c	27.3	-0.0	49	45	5	-	7	7	21	-		bmbccm.	cbcbm.w	47	43								
Castle Archdale	225	240	17	80	id	27.7	-1.1	49	49	7	-	7	7	28	3	18	bmbccm.	cbcbm.w	44	42								
Birr Castle ...	187	270	08	50	o	31.2	-0.2	49	47	6	-	8	8	35	-		bmbccm.	cbcbm.w	45	42								
Collinstown ...	226	260	20	81	o	30.0	-0.7	49	45	5	-	8	8	22	-		bmbccm.	cbcbm.w	44	42								
Rineanna ...	10	270	18	32	dr	32.5	-0.7	48	47	6	-	8	6	17	2	12	bmbccm.	cbcbm.w	46	47								
Valentia ...	30	240	06	81	o	34.7	-0.3	49	45	6	-	8	8	17	-		bmbccm.	cbcbm.w	48	47								
Midleton ...	30	220	07	81	o	33.8	-0.2	49	46	5	-	7	7	18	-		bmbccm.	cbcbm.w	47	43								

## 00h. Ships' Reports

## 06h. Ships' Reports

Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0.1 mb	Wind		Weather		Temp.			Visibility	Cloud				Height of waves ft.	Ship	Lat. N	Long. W	Bar. mb.	Change in 3 hours 0.1 mb	Wind		Weather		Temp.			Visibility	Cloud																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					Direc.	Speed	Pres.	Past	Air °F	Sea °F	Dew °F		Point	Form		Amount							Direc.	Speed	Pres.	Past	Air °F	Sea °F	Dew °F		Point	Form		Amount																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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WEATHER WATCHER	52° 18'	15° 42'	1005	-2.5	230	35	0	c	50	49	49	97	6	-	-	4	8	14	WEATHER RECORDER	52° 18'	19° 36'	1020	-2.0	220	30	0	c	53	50	51	98	5	-	-	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8