

# THE DAILY WEATHER REPORT

(INTRODUCTION)

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1st January to 31st March, 1978

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE  
Bracknell, Berkshire



## 1. HISTORY

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. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code were introduced on 1st January, 1968.

## 2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of reports from ocean weather stations for the same hours. In addition, Beaufort letters (Table 20), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h and 0600 h on the day of issue.

## 4. EXPLANATION OF CODES AND SPECIFICATIONS

| CODE FM II V—Land Stations  |  | CODE FM II V—Ships   |  |
|---|--|--|--|
| N dd ff   | VV ww W  | 99L <sub>a</sub> L <sub>a</sub> L <sub>a</sub>   | Q <sub>c</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub>  |
| N = Total amount of cloud in eighths (Table 1).<br>dd = Wind direction on scale 01–36 (see also Table 2).<br>ff = Wind speed in knots.  | VV = Visibility (Table 3).<br>ww = Present weather (Table 5).<br>W = Past weather (Table 4).   | 99 = Indicator group.<br>L <sub>a</sub> L <sub>a</sub> L <sub>a</sub> = Latitude in tenths of a degree.  | Q <sub>c</sub> = Quadrant of the globe (Table 17).<br>L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> = Longitude in tenths of a degree.  |
| PPP TT  | Nh CL h CM CH  | YYGGi <sub>w</sub>   | D <sub>s</sub> v <sub>s</sub> a pp   |
| PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths.<br>TT = Temperature in whole degrees Celsius.<br><br><small>Note.—In reports from ocean weather stations (FM 21V) only the tens and units figure of air temperature are reported. The tenths figure is reported by t<sub>r</sub>.</small> | Nh = Fraction of celestial dome covered by CL (or CM if no CL).<br>CL = Form of low cloud (Table 6).<br>h = Height above ground of base of lowest cloud (Table 9).<br>CM = Form of Medium Cloud (Table 7).<br>CH = Form of high cloud (Table 8). | YY = Day of the month.<br>GG = Actual time to the nearest whole hour G.M.T.<br>i <sub>w</sub> = Wind indicator (Table 18).   | D <sub>s</sub> = Direction of movement of ship (Table 14).<br>v <sub>s</sub> = Speed of ship in knots (Table 15).<br>a = Characteristic of barometric tendency (Table 10).<br>pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).  |
| T <sub>d</sub> T <sub>d</sub> a pp  | 8N <sub>s</sub> C h <sub>s</sub> h <sub>s</sub>  | O T <sub>s</sub> T <sub>s</sub> T <sub>d</sub> T <sub>d</sub>  | I T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>  |
| T <sub>d</sub> T <sub>d</sub> = Dew point temperature in whole degrees Celsius.<br>a = Characteristic of barometric tendency (Table 10).<br>pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).   | 8 = Indicator figure.<br>N <sub>s</sub> = Amount in eighths of individual cloud layer or mass (Table 1).<br>C = Type of cloud (Table 11).<br>h <sub>s</sub> h <sub>s</sub> = Height of base of cloud (Table 12).                                 | O = Indicator figure.<br>T <sub>s</sub> T <sub>s</sub> = Difference between air temperature and sea temperature in ½ degree Celsius.<br>(If the air temperature is less than the sea temperature, 50 is added to the difference.)<br>T <sub>d</sub> T <sub>d</sub> = Dew point temperature in whole degrees Celsius. | I = Indicator figure.<br>T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added.<br>t <sub>r</sub> = The tenths figure of the air temperature.   |
| RR T <sub>x</sub> T <sub>x</sub> E<br>RR T <sub>n</sub> T <sub>n</sub> E  | sss<br>T <sub>g</sub> T <sub>g</sub>   | 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>   | d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>   |
| RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h).<br>T <sub>x</sub> T <sub>x</sub> = Maximum temperature in whole degrees Celsius (09h–21h).<br>T <sub>n</sub> T <sub>n</sub> = Minimum temperature in whole degrees Celsius (21h–09h).   | T <sub>g</sub> T <sub>g</sub> = Minimum temperature on grass in whole degrees Celsius (21h–09h).<br>sss = Duration of sunshine (in hours and tenths).<br>E = State of ground (Table 13) (Code 0900) (at 21h and 09h).                            | 3 = Indicator figure.<br>P <sub>w</sub> P <sub>w</sub> = Period of waves in seconds.<br>H <sub>w</sub> H <sub>w</sub> = Height of the waves in units of 0.5 metre.<br><br><small>This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3/00.</small>                     | d <sub>w</sub> d <sub>w</sub> = Direction (in tens of degrees) from which waves come.<br>P <sub>w</sub> = Period of waves (Table 16).<br>H <sub>w</sub> H <sub>w</sub> = Height of the waves in units of 0.5 metre.<br><br><small>This group is used to report swell when it is possible to make a clear distinction between swell and wind waves.</small> |

Table 1.—Code for Cloud Amount (N, N<sub>h</sub>, N<sub>s</sub>)

|  |
|--|
| 0 = None.  |
| 1 = 1 eighth of sky covered or less, but not zero.       |
| 2 = 2 eighths of sky covered.                            |
| 3 = 3 eighths of sky covered.                            |
| 4 = 4 eighths of sky covered.                            |
| 5 = 5 eighths of sky covered.                            |
| 6 = 6 eighths of sky covered.                            |
| 7 = 7 eighths of sky covered or more, but not 8 eighths. |
| 8 = 8 eighths (sky completely covered).                  |
| 9 = Sky obscured or cloud amount cannot be estimated.    |

Note.—"Trace" would be included under Figure 1, which should be used for amounts up to 1/8th (i.e., not up to 3/16ths). "Overcast but with openings" would be included under Figure 7, which should be used for amounts down to 7/8ths (i.e., not down to 13/16ths).

Table 2.—Degrees and Code Figures (dd) corresponding to compass directions

| Direction<br>(Compass equivalent<br>Points) | Exact<br>in degrees | Code<br>dd | Direction<br>(Compass equivalent<br>Points) | Exact<br>in degrees | Code<br>dd |
|---|---------------------|------------|---|---------------------|------------|
| Calm  | —                   | 00         | S'W.  | 191½                | 19         |
| N'E.  | 11½                 | 01         | SSW.  | 202½                | 20         |
| NNE.  | 22½                 | 02         | SW'S.                                       | 213½                | 21         |
| NE'N.                                       | 33½                 | 03         | SW.   | 225                 | 23         |
| NE.   | 45                  | 05         | SW'W.                                       | 236½                | 24         |
| NE'E.                                       | 56½                 | 06         | WSW.  | 247½                | 25         |
| ENE.  | 67½                 | 07         | W'S.  | 258½                | 26         |
| E'N.  | 78½                 | 08         | W.  | 270                 | 27         |
| E.  | 90                  | 09         | W'N.  | 281½                | 28         |
| E'S.  | 101½                | 10         | WNW.  | 292½                | 29         |
| ESE.  | 112½                | 11         | NW'W.                                       | 303½                | 30         |
| SE'E.                                       | 123½                | 12         | NW.   | 315                 | 32         |
| SE.   | 135                 | 14         | NW'N.                                       | 326½                | 33         |
| SE'S.                                       | 146½                | 15         | NNW.  | 337½                | 34         |
| SSE.  | 157½                | 16         | N'W.  | 348½                | 35         |
| S'E.  | 168½                | 17         | N.  | 360                 | 36         |
| S.  | 180                 | 18         |   |                     |            |

Variable, or all directions, or unknown, or waves confused, direction indeterminate ... 99

Note.—The direction to be observed is "true" not "magnetic"

Table 3.—Code for Visibility—(VV) (Code 4377)

| First Code Figure | 0   | 1  | 2   | 3   | 4     | 5     | 6  | 7  | 8  | 9          |
|-------------------|-----|----|-----|-----|-------|-------|----|----|----|------------|
|                   |     |    |     |     |       |       |    |    |    |            |
| 5                 | 5   | *  | *   | *   | *     | *     | 6  | 7  | 8  | 9          |
| 6                 | 10  | 11 | 12  | 13  | 14    | 15    | 16 | 17 | 18 | 19         |
| 7                 | 20  | 21 | 22  | 23  | 24    | 25    | 26 | 27 | 28 | 29         |
| 8                 | 30  | 35 | 40  | 45  | 50    | 55    | 60 | 65 | 70 | Over 70    |
|                   |     |    |     |     |       |       |    |    |    |            |
|                   |     |    |     |     |       |       |    |    |    |            |
| 9†                | <50 | 50 | 200 | 500 | 1,000 | 2,000 | 4  | 10 | 20 | 50 or over |

In the range 01–50 the figures give actual visibility in tenths of kilometres. This table gives the meanings of higher code figures.

†Values not given may be obtained by interpolation.

\* Code figures not used.  
† Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

Table 4.—Code for Past Weather (W) (Code 4500)

|  |  |
|--|--|
| 0 = Cloud covering ½ or less of the sky throughout the appropriate period.   | 3 = Sandstorm, duststorm or blowing snow.                      |
| 1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period. | 4 = Fog, ice fog or thick haze (visibility less than 1000 m.). |
| 2 = Cloud covering more than ½ of the sky throughout the appropriate period.   | 5 = Drizzle.   |
|  | 6 = Rain.  |
|  | 7 = Snow, or rain and snow mixed.                              |
|  | 8 = Shower(s).   |
|  | 9 = Thunderstorm(s) with or without precipitation.             |

The code for W covers the weather occurring during the last six hours.

## 2. FORM OF PRESENTATION (continued)

(iii) **General Synoptic Development.**—Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the United Kingdom during the preceding 24 hours together with an indication of the manner in which it is expected to develop.

## 3. NOTES

- Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.
- Temperature.**—On pages 1 and 4 temperature is specified in whole degrees Celsius, negative temperatures being coded by removing the minus sign and adding 50. Equivalent values in degrees Fahrenheit can be obtained by reference to the table printed between these pages. See also note under PPP TT in para. 4 below.
- Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, the adjusted reading is published in brackets thus (59).
- Rainfall Readings in Eire.**—The rainfall totals for stations in Eire are for the periods 18h–06h, reported at 0900h. 06h–18h, reported at 2100h.
- Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Practice of Weather Forecasting" which may be purchased from H.M. Stationery Office, 49 High Holborn.
- Correction sheets will be issued weekly. These will contain corrected observations, where appropriate, for all stations with the exception of the following:—stations in Eire, Cape Wrath, Sule Skerry, Mull of Galloway, Kilnsea, Guernsey, Scilly, Hartland Point.



Table 5.—Code for Present Weather (ww) (Code 4677)

|   |    |   |   |   |    |   |   |  |    |   |   |
|---|----|---|---|---|----|---|---|--|----|---|---|
| 00-19<br>No precipitation at the station at the time of observation.  | 00 | Cloud development not observed.   | Characteristic change of the state of the sky during the past hour. | 30-39   | 30 |   | has decreased during preceding hour.<br>no appreciable change during preceding hour.<br>has begun or has increased during preceding hour.<br>has decreased during preceding hour.<br>no appreciable change during preceding hour.<br>has begun or has increased during preceding hour.<br>Slight or moderate drifting snow. } generally low.<br>Heavy drifting snow. }<br>Slight or moderate blowing snow. } generally high.<br>Heavy blowing snow. } | 70-79  | 70 | Intermittent fall of snow flakes.   | slight at time of observation.<br>moderate at time of observation.<br>heavy at time of observation.             |
|   | 01 | Clouds generally dissolving or becoming less developed.   |   | Duststorms, Sandstorms, drifting or blowing snow. | 31 | Slight or moderate duststorm or sandstorm.  |   | Solid precipitation not in showers.                        | 71 | Continuous fall of snow flakes.   |   |
|   | 02 | State of sky on the whole unchanged.  |   |   | 32 |   |   |  | 72 | Intermittent fall of snow flakes.   |   |
|   | 03 | Clouds generally forming or developing.   |   |   | 33 |   |   |  | 73 | Continuous fall of snow flakes.   |   |
|   | 04 | Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.  |   |   | 34 | Severe duststorm or sandstorm.  |   |  | 74 | Intermittent fall of snow flakes.   |   |
|   | 05 | Haze  |   |   | 35 |   |   |  | 75 | Continuous fall of snow flakes.   |   |
|   | 06 | Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation  |   |   | 36 | Slight or moderate drifting snow.   |   |  | 76 | Ice prisms (with or without fog).   |   |
|   | 07 | Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station. |   |   | 37 | Heavy drifting snow.  |   |  | 77 | Snow grains (with or without fog).  |   |
|   | 08 | Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.   |   |   | 38 | Slight or moderate blowing snow.  |   |  | 78 | Isolated starlike snow crystals (with or without fog).  |   |
|   | 09 | Duststorm or sandstorm within sight of the station or at the station during the preceding hour.   |   |   | 39 | Heavy blowing snow.   |   |  | 79 | Ice pellets type (a).   |   |
|   | 10 | Mist.   |   | 40-49<br>Fog or ice fog at time of observation.   | 40 | Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer. | has become thinner during the preceding hour.<br>no appreciable change during the preceding hour.<br>has begun, or has become thicker during the preceding hour.<br>Fog, depositing rime, sky discernible.<br>Fog, depositing rime, sky not discernible.  | 80-90<br>Showery precipitation                             | 80 | Rain shower(s), slight.   | slight<br>moderate or heavy.<br>slight<br>moderate or heavy.<br>slight<br>moderate or heavy.                    |
|   | 11 | Shallow fog or ice fog, in patches.   |   |   | 41 | Fog or ice fog in patches.  |   |  | 81 | Rain shower(s), moderate or heavy.  |   |
|   | 12 | Shallow fog or ice fog, land or 10 metres at more or less continuous.   |   |   | 42 | Fog or ice fog, sky discernible.  |   |  | 82 | Rain shower(s), violent.  |   |
|   | 13 | Lightning visible, no thunder heard.  |   |   | 43 | Fog or ice fog, sky not discernible.  |   |  | 83 | Shower(s) of rain and snow, slight.   |   |
|   | 14 | Precipitation within sight, not reaching the ground or the surface of the sea.  |   |   | 44 | Fog or ice fog, sky not discernible.  |   |  | 84 | Shower(s) of rain and snow, moderate or heavy.  |   |
|   | 15 | Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km) from the station.  |   |   | 45 | Fog or ice fog, sky not discernible.  |   |  | 85 | Snow shower(s), slight.   |   |
|   | 16 | Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.  |   |   | 46 | Fog or ice fog, sky not discernible.  |   |  | 86 | Snow shower(s), moderate or heavy.  |   |
|   | 17 | Thunderstorm, but no precipitation at time of observation.  |   |   | 47 | Fog or ice fog, sky not discernible.  |   |  | 87 | Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed.   |   |
|   | 18 | Squalls.  |   |   | 48 | Fog, depositing rime, sky discernible.  |   |  | 88 | Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.      |   |
|   | 19 | Funnel cloud(s)†  |   |   | 49 | Fog, depositing rime, sky not discernible.  |   |  | 89 |   |   |
| 20-29<br>Precipitation, fog or thunderstorm at station during the last hour but not at time of observation. | 20 | Drizzle (not freezing), or snow grains.   | Not falling as shower(s).   | 50-59<br>Drizzle at time of observation.          | 50 | Drizzle, not freezing, intermittent.  | slight at time of observation.<br>moderate at time of observation.<br>heavy (dense) at time of observation.<br>Drizzle, freezing, slight.<br>Drizzle, freezing, moderate or heavy (dense).<br>Drizzle and rain, slight.<br>Drizzle and rain, moderate or heavy.   | 91-99<br>Precipitation with current or recent thunderstorm | 91 | Slight rain at time of observation.   | thunderstorm during the preceding hour, but not at time of observation.<br>thunderstorm at time of observation. |
|   | 21 | Rain (not freezing).  |   |   | 51 | Drizzle, not freezing, continuous.  |   |  | 92 | Moderate or heavy rain at time of observation.  |   |
|   | 22 | Snow.   |   |   | 52 | Drizzle, not freezing, intermittent.  |   |  | 93 | Slight snow, rain and snow mixed, or hail* at time of observation.                                |   |
|   | 23 | Rain and snow or ice pellets type (a).  |   |   | 53 | Drizzle, not freezing, continuous.  |   |  | 94 | Moderate or heavy snow, rain and snow mixed or hail* at time of observation.                      |   |
|   | 24 | Freezing drizzle or freezing rain.  |   |   | 54 | Drizzle, not freezing, intermittent.  |   |  | 95 | Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation. |   |
|   | 25 | Shower(s) of rain.  |   |   | 55 | Drizzle, not freezing, continuous.  |   |  | 96 | Thunderstorm, slight or moderate, with hail* at time of observation.                              |   |
|   | 26 | Shower(s) of snow, or of rain and snow.   |   |   | 56 | Drizzle, freezing, slight.  |   |  | 97 | Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation.             |   |
|   | 27 | Shower(s) of hail*, or of hail and rain.  |   |   | 57 | Drizzle, freezing, moderate or heavy (dense).   |   |  | 98 | Thunderstorm combined with duststorm or sandstorm at time of observation.                         |   |
|   | 28 | Fog or ice fog.   |   |   | 58 | Drizzle and rain, slight.   |   |  | 99 | Thunderstorm, heavy, with hail* at time of observation.   |   |
|   | 29 | Thunderstorm (with or without precipitation).   |   |   | 59 | Drizzle and rain, moderate or heavy.  |   |  |    |   |   |
|   |    |   |   | 60-69<br>Rain at time of observation.             | 60 | Rain, not freezing, intermittent.   | slight at time of observation.<br>moderate at time of observation.<br>heavy at time of observation.<br>Rain, not freezing, intermittent.<br>Rain, not freezing, continuous.<br>Rain, not freezing, intermittent.<br>Rain, freezing, slight.<br>Rain, freezing, moderate or heavy.<br>Rain or drizzle, and snow, slight.<br>Rain or drizzle and snow, moderate or heavy.   |  |    |   |   |
|   |    |   |   |   | 61 | Rain, not freezing, continuous.   |   |  |    |   |   |
|   |    |   |   |   | 62 | Rain, not freezing, intermittent.   |   |  |    |   |   |
|   |    |   |   |   | 63 | Rain, not freezing, continuous.   |   |  |    |   |   |
|   |    |   |   |   | 64 | Rain, not freezing, intermittent.   |   |  |    |   |   |
|   |    |   |   |   | 65 | Rain, not freezing, continuous.   |   |  |    |   |   |
|   |    |   |   |   | 66 | Rain, freezing, slight.   |   |  |    |   |   |
|   |    |   |   |   | 67 | Rain, freezing, moderate or heavy.  |   |  |    |   |   |
|   |    |   |   |   | 68 | Rain or drizzle, and snow, slight.  |   |  |    |   |   |
|   |    |   |   |   | 69 | Rain or drizzle and snow, moderate or heavy.  |   |  |    |   |   |
|   |    |   |   |   |    |   |   |  |    |   |   |
|   |    |   |   |   |    |   |   |  |    |   |   |
|   |    |   |   |   |    |   |   |  |    |   |   |
|   |    |   |   |   |    |   |   |  |    |   |   |
|   |    |   |   |   |    |   |   |  |    |   |   |
|   |    |   |   |   |    |   |   |  |    |   |   |
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|   |    |   |   |   |    |   |   |  |    |   |   |
|   |    |   |   |   |    |   |   |  |    |   |   |

The expression "at the station" refers to a land station or a ship at the point from which observations are normally taken.

† Tornado cloud or water spout.

\* Hail, ice pellets type (b), snow pellets. ICE PELLETS are defined as transparent or translucent pellets of ice, which are spherical or irregular, rarely conical, and which have a diameter of 5 mm. or less. They may be subdivided into two main types.

(a) Frozen raindrops or largely melted and refrozen snowflakes.  
(b) Pellets of snow encased in a thin layer of ice. HAIL is defined as small balls or pieces of ice (hailstones) with a diameter ranging from 5 mm. to 50 mm. or sometimes more, falling either separately or agglomerated into irregular lumps.

Table 6.—Code for form of Low Cloud (CL) (Code 0513)

|   |  |
|---|--|
| 0 | No stratocumulus, stratus, cumulus or cumulonimbus.  |
| 1 | Ragged cumulus other than of bad weather, or cumulus with little vertical extent and seemingly flattened, or both.   |
| 2 | Cumulus of moderate or strong vertical extent, generally with protuberances in the form of domes or towers, either accompanied or not by other cumulus or by stratocumulus; all having their bases at the same level.                |
| 3 | Cumulonimbus, the summits of which, at least partially, lack sharp outlines, but are neither clearly fibrous (cirriform) nor in the form of an anvil; cumulus, stratocumulus or stratus may also be present.                         |
| 4 | Stratocumulus formed by the spreading out of cumulus; cumulus may also be present.   |
| 5 | Stratocumulus not resulting from the spreading out of cumulus.   |
| 6 | Stratus in a more or less continuous sheet or layer, or in ragged shreds, or both, but no stratus fractus of bad weather.  |
| 7 | Stratus fractus of bad weather or cumulus fractus of bad weather (pannus), or both; usually below altostratus or nimbostratus. By "bad weather" is meant the conditions which generally exist before, during or after precipitation. |
| 8 | Cumulus and stratocumulus, other than those formed from the spreading out of cumulus; the base of cumulus is at a different level from that of stratocumulus.  |
| 9 | Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil; either accompanied or not by cumulus, stratocumulus, stratus or pannus.   |
| / | Stratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.   |

Table 7.—Code for form of Medium Cloud (CM) (Code 0515)

|   |  |
|---|--|
| 0 | No altostratus, altostratus or nimbostratus.   |
| 1 | Altostratus, the greater part of which is semi-transparent; through this part the sun or moon may be weakly visible as through ground glass.   |
| 2 | Altostratus, the greater part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.   |
| 3 | Altostratus, the greater part of which is semi-transparent, and no part of which is crenelated or in cumuliform tufts; the various elements of the cloud change only slowly and are all at a single level.   |
| 4 | Patches (often in the form of almonds or fishes) of altostratus, the greater part of which is semi-transparent; the clouds are at one or more levels and the elements are continually changing in appearance.  |
| 5 | Semi-transparent altostratus in bands or altostratus in one more or less continuous layer progressively invading the sky; these altostratus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.                                |
| 6 | Altostratus resulting from the spreading out of cumulus.   |
| 7 | Any one of the following cases:—<br>(a) Altostratus in two or more layers, usually opaque in places and not progressively invading the sky.<br>(b) Opaque layer of altostratus not progressively invading the sky.<br>(c) Altostratus together with altostratus or nimbostratus or both. |
| 8 | Altostratus with sprouts in the form of small towers or battlements, or altostratus having the appearance of cumuliform tufts.   |
| 9 | Altostratus, generally at several levels, in a chaotic sky; dense cirrus is usually also present.  |
| / | Altostratus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.   |

Table 8.—Code for form of High Cloud (CH) (Code 0509)

|   |   |
|---|---|
| 0 | No cirrus, cirrocumulus or cirrostratus.  |
| 1 | Cirrus in the form of filaments, strands or hooks, not progressively invading the sky (often called "mares' tails").  |
| 2 | Dense cirrus, in patches or entangled sheaves, which usually do not increase and sometimes seem to be the remains of the upper part of a cumulonimbus; or cirrus with sproutings in the form of towers or battlements, or having the appearance of cumuliform tufts.  |
| 3 | Dense cirrus, often in the form of an anvil; either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.   |
| 4 | Cirrus in the form of hooks or of filaments, or both, progressively invading the sky; they generally become denser as a whole.  |
| 5 | Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone; in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.                                       |
| 6 | Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone; in either case, they are progressively invading the sky, and generally growing denser as a whole; the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered. |
| 7 | Veil of cirrostratus completely covering the celestial dome.  |
| 8 | Cirrocumulus not progressively invading the sky and not completely covering the celestial dome.   |
| 9 | Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.   |
| / | Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.  |

Table 9.—Code for Cloud Height (h) (Code 1600)

| Code figure | Height of base of cloud metres  |
|-------------|---|
| 0           | 0-50  |
| 1           | 50-100  |
| 2           | 100-200   |
| 3           | 200-300   |
| 4           | 300-600   |
| 5           | 600-1,000   |
| 6           | 1,000-1,500   |
| 7           | 1,500-2,000   |
| 8           | 2,000-2,500   |
| 9           | Above 2,500   |
| /           | Height of base of cloud not known or base of clouds at a level lower and tops at a level higher than that of the station. |

Note 1.—If there is no cloud at all code figure 9 is reported.

Note 2.—If there is fog, and the sky is discernible through the fog, the cloud form, height and amount are reported as if no fog were present. If the sky is not discernible through the fog the height of the base of the cloud is reckoned as 0.

Note 3.—Height above ground of the base of cloud. If there is cloud of Form CL reported, h refers to this cloud. If, however, there is no cloud of Form CL and there is cloud of Form CM h refers to this cloud.



|   |  |  |  |   |  |
|---|--|--|--|---|--|
| <b>Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)</b>             |  | <b>Table 11.—Code for Type of Cloud (C) (Code 0500)</b>  |  | <b>Table 12.—Code for Height of Cloud (hshs) (Code 1677)</b>  |  |
| 0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs ago. |  | 0 = Cirrus (Ci).   |  | Code figures 01–50: $\times 30$ = height in metres. Code figures 56–80: $- 50 \times 3$ = height in hundreds of metres. |  |
| 1 = Increasing, then steady; or increasing, then increasing more slowly.                    |  | 1 = Cirrocumulus (Cc).   |  | <b>CODE FIGURES 81–89</b>   |  |
| 2 = Increasing (steadily or unsteadily).  |  | 2 = Cirrostratus (Cs).   |  | <b>Code figures</b>   |  |
| 3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.     |  | 3 = Altcumulus (Ac).   |  | <b>Metres</b>   |  |
| 4 = Steady, atmospheric pressure the same as 3 hrs ago.                                     |  | 4 = Altostratus (As).  |  | 81 = 10,500   |  |
| 5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.  |  | 5 = Nimbostratus (Ns).   |  | 82 = 12,000   |  |
| 6 = Decreasing, then steady; or decreasing, then decreasing more slowly.                    |  | 6 = Stratocumulus (Sc).  |  | 83 = 13,500   |  |
| 7 = Decreasing (steadily or unsteadily).  |  | 7 = Stratus (St).  |  | 84 = 15,000   |  |
| 8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.     |  | 8 = Cumulus (Cu).  |  | 85 = 16,500   |  |
|   |  | 9 = Cumulonimbus (Cb).   |  | 86 = 18,000   |  |
|   |  | / = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena. |  | 87 = 19,500   |  |
|   |  |  |  | 88 = 21,000   |  |
|   |  |  |  | 89 = $> 21,000$   |  |
|   |  |  |  | *Only used when cloud height cannot be determined with greater accuracy.  |  |
|   |  |  |  | <b>Table 13.—Code for State of Ground (E) (Code 0900)</b>   |  |
|   |  |  |  | 0 ... Ground dry.   |  |
|   |  |  |  | 1 ... .. moist.   |  |
|   |  |  |  | 2 ... .. wet.   |  |
|   |  |  |  | 3 ... .. frozen.  |  |
|   |  |  |  | 4 ... Glaze or ice on ground but no snow or melting snow.   |  |
|   |  |  |  | 5 ... Snow or melting snow (with or without ice) covering less than one half of ground.                                 |  |
|   |  |  |  | 6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).            |  |
|   |  |  |  | 7 ... Snow or melting snow (with or without ice) covering ground completely.  |  |
|   |  |  |  | 8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).                          |  |
|   |  |  |  | 9 ... Loose dry snow, dust or sand covering ground completely.  |  |
| <b>Table 14.—Code for Direction in which Ship has moved (Ds) (Code 0700)</b>                |  | <b>Table 15.—Code for Speed of Ship (vs) (Code 4451)</b>   |  | <b>Table 17.—Quadrant of the globe (Qc) (Code 3333)</b>   |  |
| 0 = Stationary.   |  | kt   |  | Latitude Longitude  |  |
| 1 = North-east.   |  | 0 = 0  |  | 1 North East  |  |
| 2 = East.   |  | 1 = 1–5  |  | 3 South East  |  |
| 3 = South-east.   |  | 2 = 6–10   |  | 5 South West  |  |
| 4 = South.  |  | 3 = 11–15  |  | 7 North West  |  |
| 5 = South-west.   |  | 4 = 16–20  |  |   |  |
| 6 = West.   |  | 5 = 21–25  |  |   |  |
| 7 = North-west.   |  | 6 = 26–30  |  |   |  |
| 8 = North.  |  | 7 = 31–35  |  |   |  |
| 9 = No definite direction or unknown.   |  | 8 = 36–40  |  |   |  |
|   |  | 9 = $> 40$   |  |   |  |
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# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 265

## MONTHLY SUMMARY

For JANUARY 1978

CHANGEABLE: SEVERE GALES AND HEAVY FALLS OF SNOW

During the first ten days of the month a series of fronts and intervening ridges of high pressure crossed the British Isles from the west. On the 11th a deep depression moved southeastwards from Scotland to the southern North Sea and was followed by a substantial ridge of high pressure which persisted until the 14th. The ridge collapsed rapidly as a cold front from the Atlantic crossed all districts on the 15th and 16th. At the same time a complex area of low pressure developed from Scotland to the Mediterranean. Subsequently this low pressure area drifted away to the east. Further depressions developed over the Atlantic and crossed the British Isles from time to time between the 19th and the 31st. Some of these depressions were very deep and vigorous, particularly the one which crossed central and northern England on the 28th and 29th when the pressure fell to 963 mb in Yorkshire. Behind this depression a very strong northerly airstream developed over the British Isles but this was soon replaced by a weak ridge which crossed the country on the 30th followed by fronts from the Atlantic on the 31st.

After a mild start to the month it became colder in Scotland and Northern Ireland on the 2nd and there were some wintry showers. On the 3rd, rain was widespread and snow fell on high ground in the north. Gales which were locally severe occurred in many districts. Kilnsea (Humberside) experienced a gust of 81kt and a tornado was reported from Hull. Another tornado caused extensive damage at Newmarket. Later on the 3rd the winds moderated and northern districts became very cold during the following night. At Tummel Bridge (Tayside) and at Glenlivet (Grampian) the temperature fell to minus 13°C (9°F). During the next few days showers or outbreaks of rain interspersed with clear or sunny intervals continued. On the night of the 7th/8th fog occurred in many eastern districts of England. In places the fog was dense and freezing and in parts of Yorkshire, East Anglia and southeastern England it persisted until the following evening. In fog-free districts, however, it was mostly sunny on the 8th. There were further showers or outbreaks of rain on the 9th and hail and snow fell on the high ground in southwestern England and northern England. On the 10th snow fell in Northern Ireland and Scotland and depths of up to 22 cm of undrifted snow were measured in places. Wintry showers and scattered thunderstorms reached many districts on the 11th and 12th. Severe northerly gales developed almost everywhere on the 11th and in eastern and southeastern England, where winds reached storm force, there were reports of widespread damage and flooding. At St. Abbs Head (Borders) and at Whitby (Yorks) gusts of 82kt were reported and a tidal

surge in the North Sea exceeded the danger level in a number of places along the coast from the Tyne to Southend by about 0.5m. The winds moderated on the 12th. Between the 13th and the 18th there was a spell of quieter, though changeable weather. Showers or outbreaks of rain or snow continued; there were clear or sunny intervals and occasional fog and frost in places at night. On the 19th, snowfall in the east and north was heavy and prolonged in some districts and the snow was driven by a strong southeasterly wind. At Glasgow Airport, snow fell for 12 hours to an undrifted depth of 17 cm, probably the heaviest fall recorded there for at least 25 years. Snowfall was also prolonged in East Anglia but clearer showery weather reached most western and southern districts by the 20th. Further rain and snow, some of it heavy, fell at times between the 21st and 26th. Following a severe frost in Scotland on the morning of the 27th rain and snow and strengthening winds spread to all districts. By the 28th there was a major storm over the British Isles and gales were widespread and severe. During severe northerly gales over Northern Ireland on the 29th a gust of 85kt was measured at Ballycastle (Co. Antrim). In Scotland, on the same day, severe northerly gales combined with widespread and heavy snowfall gave rise to what was probably the most severe blizzard in northern Scotland since January/February 1955. A depth of 65cm of undrifted snow was measured at Glenmore Lodge (341m) in the Cairngorms and there were reports of very large drifts in many districts. Heavy rainfall in other parts of the United Kingdom caused flooding in some places and there was considerable snowfall on high ground. The severe weather eased on the 30th as the northerly winds died down but further snow spread from the west on the 31st. Snowfall was heavy in places, especially in western and central Scotland. Earl's Hill (335m) near Stirling reported 55cm of undrifted snow.

Mean temperatures were mostly within 1.0°C of normal. They varied from slightly above normal in central and southern England to slightly below normal in Scotland.

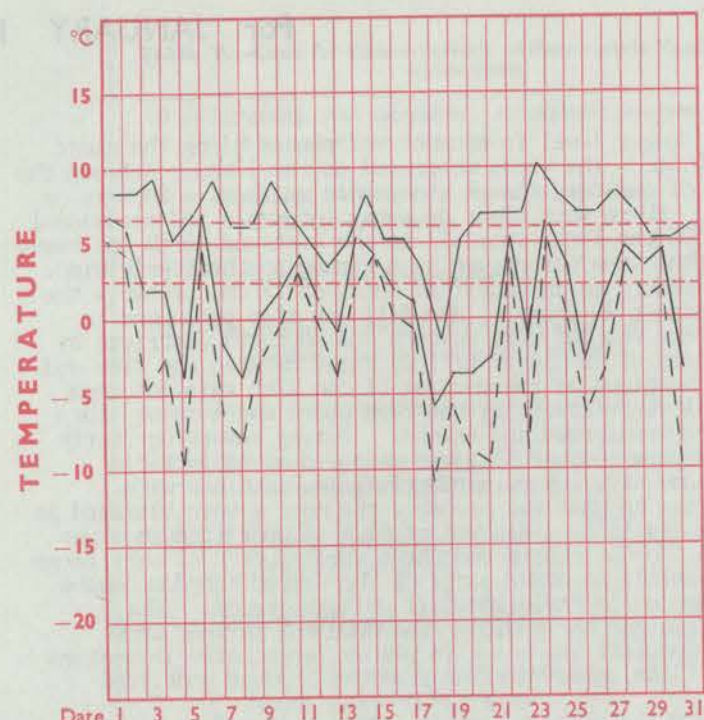
Rainfall exceeded the normal in most of England and eastern Scotland. In Wales, Cornwall, Northern Ireland and in parts of southwestern Scotland rainfall was near normal but northwestern Scotland was a little drier than normal.

Sunshine was below normal in East Anglia, the eastern Midlands and northwestern Scotland but mostly above normal elsewhere.

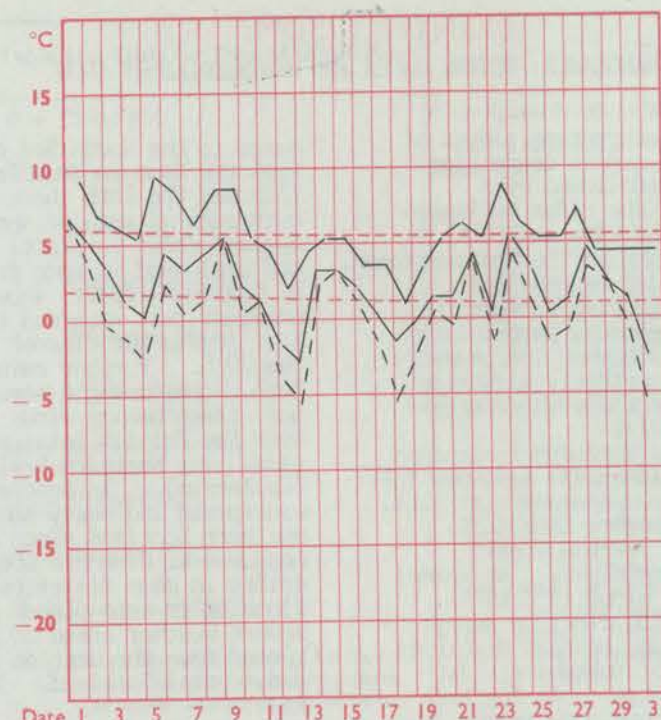
| PLACE  | TEMPERATURE                  |                              |                                |                              |                              |                      |                                  |                      |  |                      | SUNSHINE             |                              |                      |                          |                          |  |                          |                              |                          |                              | RAINFALL  |                      |                        |                          |  |                              |                          |                              |                      |                              |                      |                      | Days with thunder    | Days with snow or rain and snow | Days with fog<br>(Vis. < 60 metres at 09 h.) |  |  |  |  |
|--|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|----------------------|----------------------------------|----------------------|--|----------------------|----------------------|------------------------------|----------------------|--------------------------|--------------------------|--|--------------------------|------------------------------|--------------------------|------------------------------|---|----------------------|------------------------|--------------------------|--|------------------------------|--------------------------|------------------------------|----------------------|------------------------------|----------------------|----------------------|----------------------|---------------------------------|--|--|--|--|--|
|  | Mean maximum<br>°C           | Difference from average      | Mean minimum<br>°C             | Difference from average      | Highest maximum<br>°C        | Date                 | Lowest minimum<br>°C             | Date                 | No. of days with grass<br>minimum below 0° C | No. of air frosts    | Days of no sunshine  | Maximum duration<br>hrs.     | Date                 | Total for month<br>hrs.  | % of average             | Highest and lowest totals<br>on record for month |                          |                              |                          |                              | Days of no rainfall<br>(0.1 mm. or less)<br>Maximum fall in 24 hrs.<br>(Beginning 09 h.)<br>mm. | Date                 | Total for month<br>mm. | % of average             | Highest and lowest totals<br>on record for month |                              |                          |                              |                      |                              |                      |                      |                      |                                 |  |  |  |  |  |
|  |                              |                              |                                |                              |                              |                      |                                  |                      |  |                      |                      |                              |                      |                          |                          | First year of record                             | Highest<br>hrs.          | Year                         | Lowest<br>hrs.           | Year                         |   |                      |                        |                          | First year of record                             | Highest<br>mm.               | Year                     | Lowest<br>mm.                | Year                 |                              |                      |                      |                      |                                 |  |  |  |  |  |
|  |                              |                              |                                |                              |                              |                      |                                  |                      |  |                      |                      |                              |                      |                          |                          |  |                          |                              |                          |                              |   |                      |                        |                          |  |                              |                          |                              |                      |                              |                      |                      |                      |                                 |  |  |  |  |  |
| Kew<br>Thorney Island                                | 06.3                         | +0.2                         | 01.0                           | -0.2                         | 10.3                         | 23                   | -05.6                            | 18                   | 19   | 14                   | 13                   | 07.8                         | 25                   | 047                      | 098                      | 1880   | 082                      | 1952                         | 015                      | 1885                         | 11  | 23                   | 11                     | 079                      | 161  | 1866                         | 127                      | 1877                         | 11                   | (a)                          | 00                   | 07                   | 02                   |                                 |  |  |  |  |  |
| Cardington   | 05.7                         | 0.0                          | 00.8                           | +0.2                         | 09.4                         | 23                   | -05.7                            | 18                   | 19   | 18                   | 13                   | 05.8                         | (a)                  | 046                      | 090                      | 1950   | 083                      | 1952                         | 030                      | 1960                         | 11  | 13                   | 11                     | 060                      | 133  | 1948                         | 092                      | 1956                         | 16                   | 1973                         | 01                   | 09                   | 01                   |                                 |  |  |  |  |  |
| Boscombe Down  | 06.0                         | +0.3                         | 00.9                           | -0.1                         | 10.2                         | 23                   | -06.1                            | 18                   | 21   | 13                   | 10                   | 08.0                         | 25                   | 076                      | 143                      | 1933   | 092                      | 1959                         | 027                      | 1955                         | 11  | 28                   | 27                     | 092                      | 128  | 1931                         | 158                      | 1943                         | 09                   | 1950                         | 00                   | 10                   | 01                   |                                 |  |  |  |  |  |
| Rhoose<br>Mount Batten                               | 06.6<br>08.2                 | -0.2<br>+0.2                 | 02.3<br>03.6                   | +0.8<br>-0.2                 | 09.9<br>11.5                 | 23<br>06             | -04.8<br>-04.0                   | 13<br>18             | 17<br>11                                     | 05<br>05             | 08<br>10             | 07.3<br>06.9                 | (b)<br>30            | 077<br>072               | 157<br>128               | 1955<br>1921                                     | 085<br>094               | 1959<br>1963                 | 026<br>025               | 1964<br>1966                 | 13<br>11  | 31<br>17             | 10<br>18               | 121<br>129               | 129<br>120                                       | 1955<br>1921                 | 139<br>209               | 1971<br>1970                 | 19<br>20             | 1964<br>1935                 | 00<br>00             | 08<br>05             | 00<br>01             |                                 |  |  |  |  |  |
| Elmdon<br>Valley                                     | 05.5<br>07.1                 | +0.1<br>-0.1                 | 00.9<br>03.5                   | +0.1<br>+0.3                 | 09.4<br>09.7                 | 23<br>05             | -07.2<br>-01.4                   | 18<br>18             | 18<br>09                                     | 17<br>04             | 15<br>12             | 06.2<br>07.0                 | 12<br>30             | 049<br>063               | 111<br>111               | 1945<br>1946                                     | 074<br>093               | 1952<br>1963                 | 017<br>033               | 1960<br>1968                 | 12<br>06  | 16<br>08             | 27<br>21               | 077<br>085               | 133<br>094                                       | 1941<br>1941                 | 131<br>195               | 1960<br>1948                 | 14<br>19             | 1950<br>1963                 | 00<br>00             | 15<br>07             | 01<br>00             |                                 |  |  |  |  |  |
| Ringway<br>Watnall                                   | 05.3<br>05.0                 | -0.2<br>-0.1                 | 01.7<br>01.0                   | +0.5<br>+0.2                 | 08.9<br>08.0                 | 05<br>09             | -03.2<br>-05.8                   | 13<br>18             | 15<br>20                                     | 10<br>14             | 14<br>15             | 05.1<br>06.2                 | 12<br>25             | 038<br>038               | 097<br>095               | 1946<br>1949                                     | 071<br>074               | 1959<br>1952                 | 011<br>020               | 1953<br>1961                 | 06<br>12  | 14<br>18             | 28<br>28               | 085<br>087               | 120<br>131                                       | 1942<br>1942                 | 170<br>149               | 1948<br>1948                 | 11<br>17             | 1963<br>1964                 | 01<br>00             | 15<br>14             | 00<br>01             |                                 |  |  |  |  |  |
| Finningley<br>Tynemouth<br>Eskdalemuir<br>Abbotsinch | 05.3<br>05.0<br>02.7<br>04.7 | -0.3<br>-0.6<br>-1.0<br>-0.8 | 00.6<br>01.4<br>-01.8<br>-00.5 | -0.4<br>-0.8<br>-0.9<br>-1.3 | 09.9<br>09.7<br>08.8<br>10.2 | 01<br>06<br>13<br>13 | -05.9<br>-03.2<br>-12.9<br>-08.5 | 18<br>18<br>18<br>18 | 20<br>18<br>25<br>23                         | 14<br>12<br>23<br>16 | 12<br>11<br>14<br>13 | 06.7<br>06.9<br>07.8<br>07.4 | 25<br>25<br>30<br>30 | 051<br>065<br>048<br>053 | 118<br>151<br>112<br>146 | 1958<br>1937<br>1911<br>1921                     | 071<br>094<br>096<br>069 | 1962<br>1959<br>1959<br>1972 | 023<br>006<br>012<br>009 | 1969<br>1942<br>1913<br>1940 | 13<br>11<br>05<br>09  | 08<br>15<br>25<br>17 | 28<br>02<br>02<br>27   | 056<br>069<br>140<br>112 | 117<br>117<br>090<br>117                         | 1958<br>1864<br>1911<br>1921 | 116<br>170<br>390<br>241 | 1960<br>1948<br>1928<br>1928 | 15<br>06<br>43<br>18 | 1964<br>1905<br>1941<br>1963 | 01<br>03<br>03<br>01 | 13<br>11<br>19<br>19 | 00<br>00<br>02<br>00 |                                 |  |  |  |  |  |
| Leuchars<br>Dyce<br>Stornoway<br>Aldergrove          | 04.3<br>04.5<br>05.4<br>05.5 | -0.9<br>-0.2<br>-0.7<br>-0.3 | -00.4<br>-00.7<br>01.1<br>01.1 | -1.0<br>-0.5<br>-0.9<br>-0.2 | 10.7<br>09.9<br>09.8<br>09.8 | 01<br>01<br>05<br>23 | -07.3<br>-06.4<br>-05.0<br>-05.1 | 04<br>15<br>17<br>30 | 23<br>23<br>21<br>21                         | 19<br>22<br>15<br>11 | 13<br>09<br>11<br>11 | 06.8<br>06.6<br>03.7<br>06.4 | 18<br>18<br>27<br>30 | 060<br>069<br>027<br>059 | 109<br>138<br>073<br>135 | 1922<br>1941<br>1881<br>1927                     | 101<br>089<br>066<br>082 | 1959<br>1959<br>1963<br>1959 | 021<br>017<br>012<br>024 | 1942<br>1971<br>1907<br>1944 | 14<br>15<br>00<br>07  | 36<br>36<br>15<br>14 | 27<br>27<br>02<br>27   | 103<br>097<br>118<br>098 | 181<br>124<br>106<br>113                         | 1922<br>1942<br>1943<br>1927 | 124<br>157<br>195<br>143 | 1928<br>1970<br>1962<br>1942 | 12<br>20<br>26<br>31 | 1953<br>1964<br>1963<br>1935 | 00<br>00<br>01<br>00 | 16<br>18<br>15<br>15 | 00<br>00<br>00<br>00 |                                 |  |  |  |  |  |
|  |                              |                              |                                |                              |                              |                      |                                  |                      |  |                      | (a)                  | 20,                          | 25                   |                          |                          |  |                          |                              |                          |                              |   |                      |                        |                          | (a) 1880, 1892                                   |                              |                          |                              |                      |                              |                      |                      |                      |                                 |  |  |  |  |  |
|  |                              |                              |                                |                              |                              |                      |                                  |                      |  |                      | (b)                  | 12,                          | 22                   |                          |                          |  |                          |                              |                          |                              |   |                      |                        |                          |  |                              |                          |                              |                      |                              |                      |                      |                      |                                 |  |  |  |  |  |



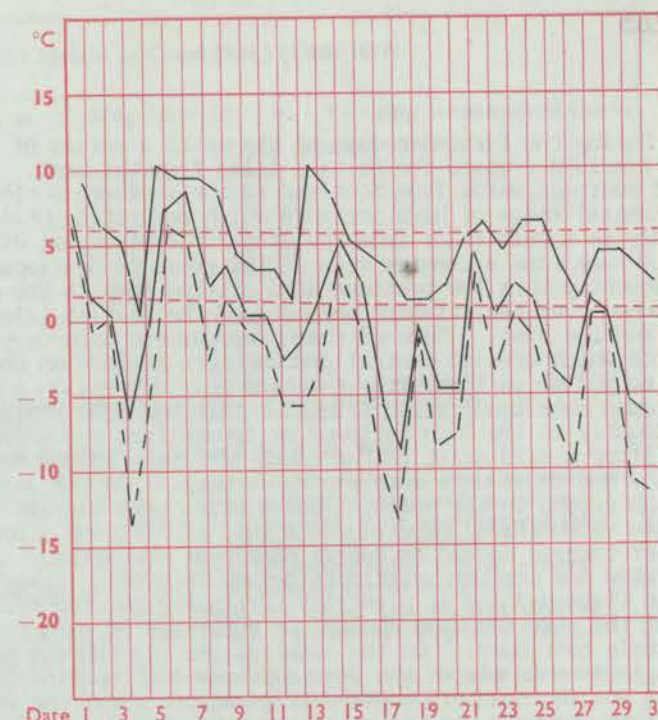
# LONDON (Kew)



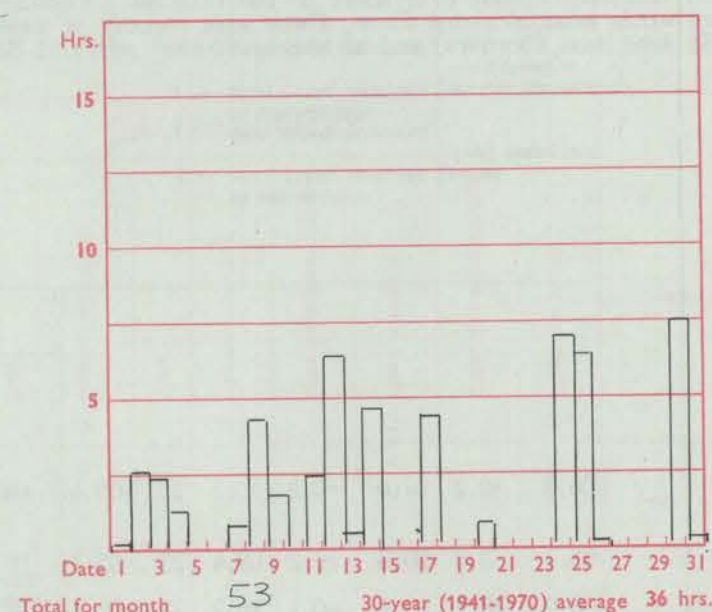
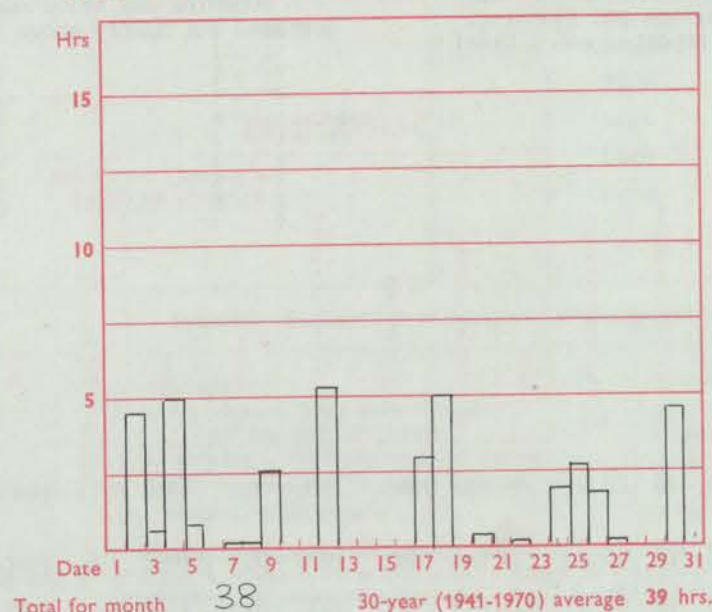
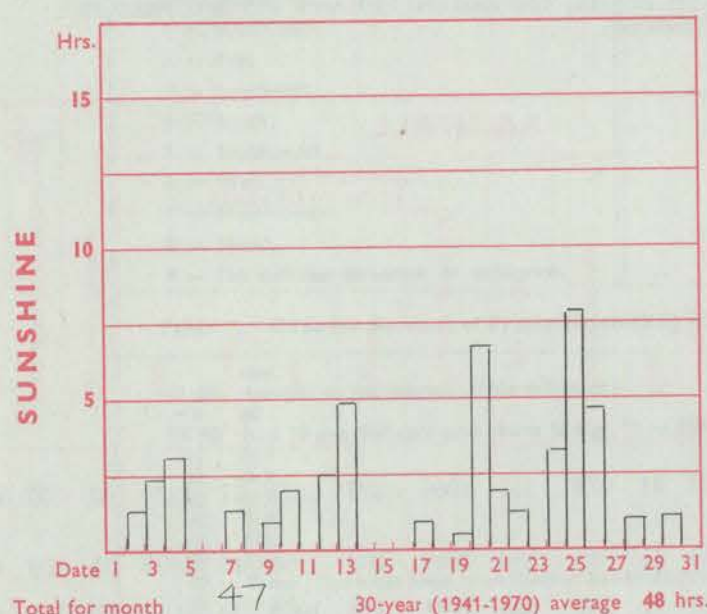
# MANCHESTER (Ringway)



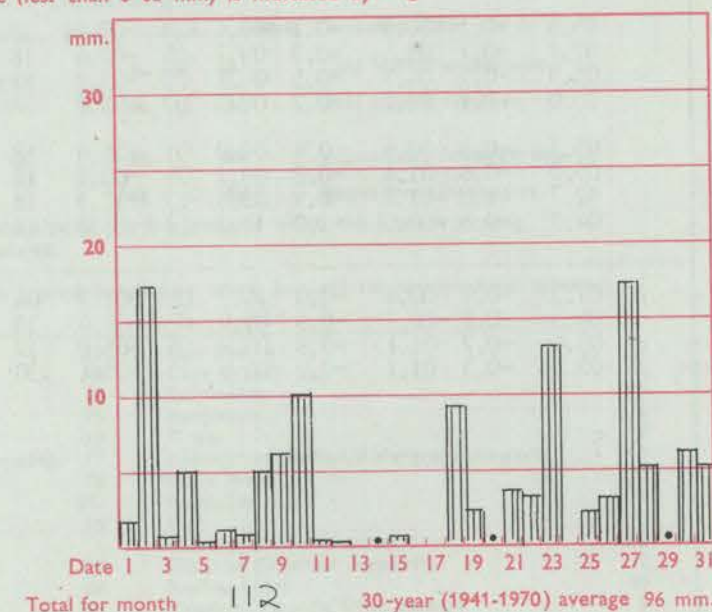
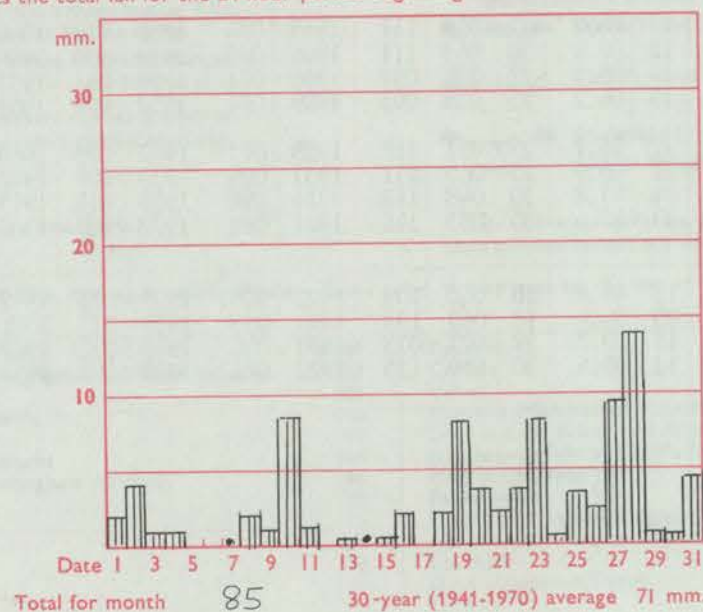
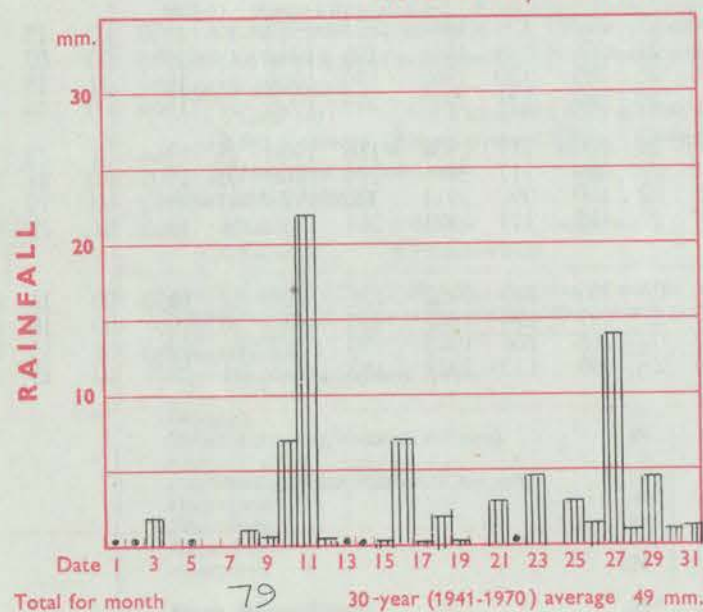
# GLASGOW (Abbotsinch)



Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.  
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)  
Normals for Kew are based on North Wall readings and may not be absolutely comparable with the daily values plotted above which are obtained from psychrometer measurements.



The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0.05 mm) is indicated by "•"



RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 10c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press, Bracknell, Berks.



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

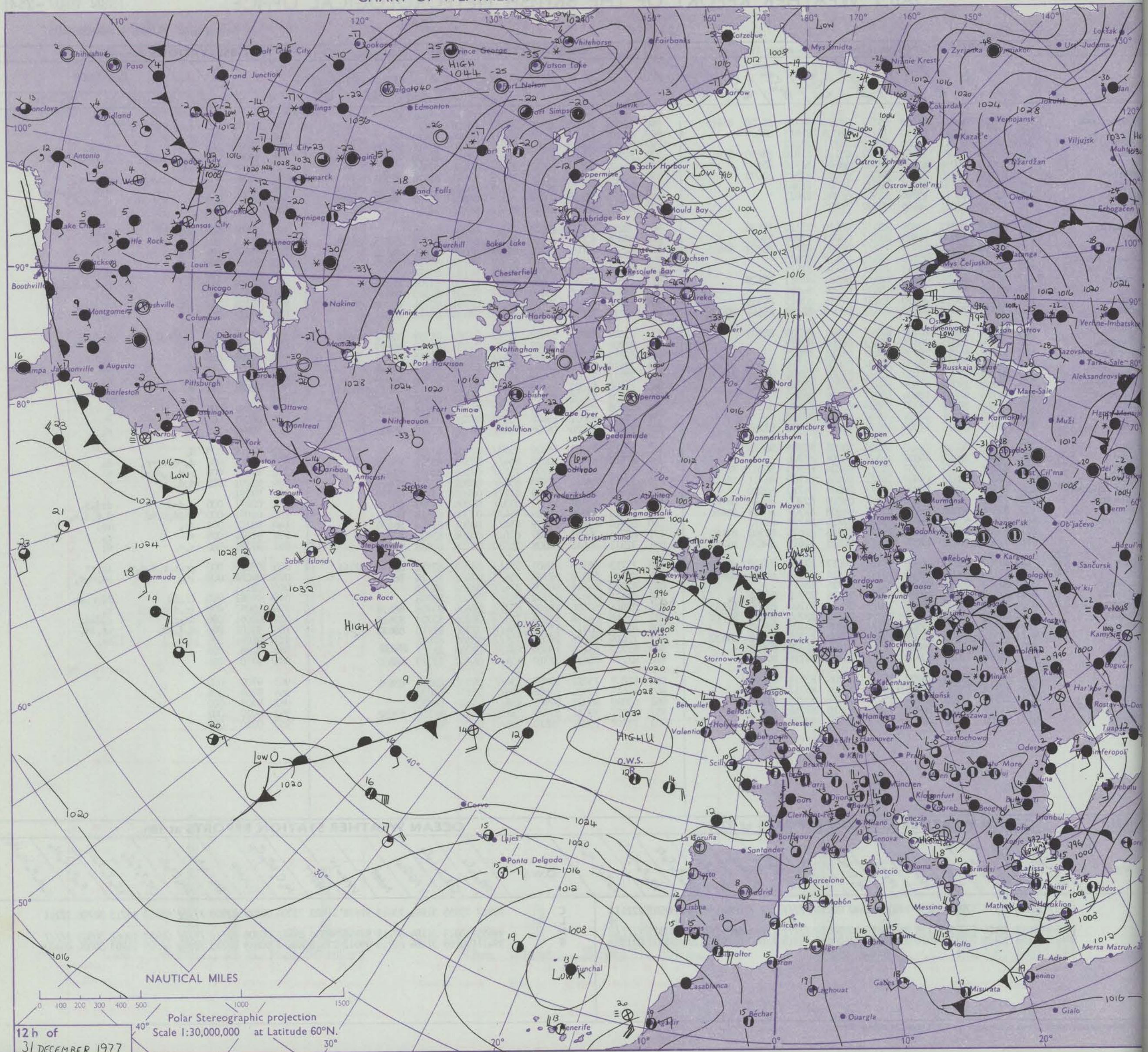
42409

Date of Issue SUNDAY 1 JANUARY 1978

| Station | OBSERVATIONS at 12h. 31 December 1977 |  |  |  |  |  |  |  |  |  | OBSERVATIONS at 18h. 31 December 1977 |  |  |  |  |  |  |  |  |  | OBSERVATIONS during DAY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|         |                                       |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                       |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|         |                                       |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

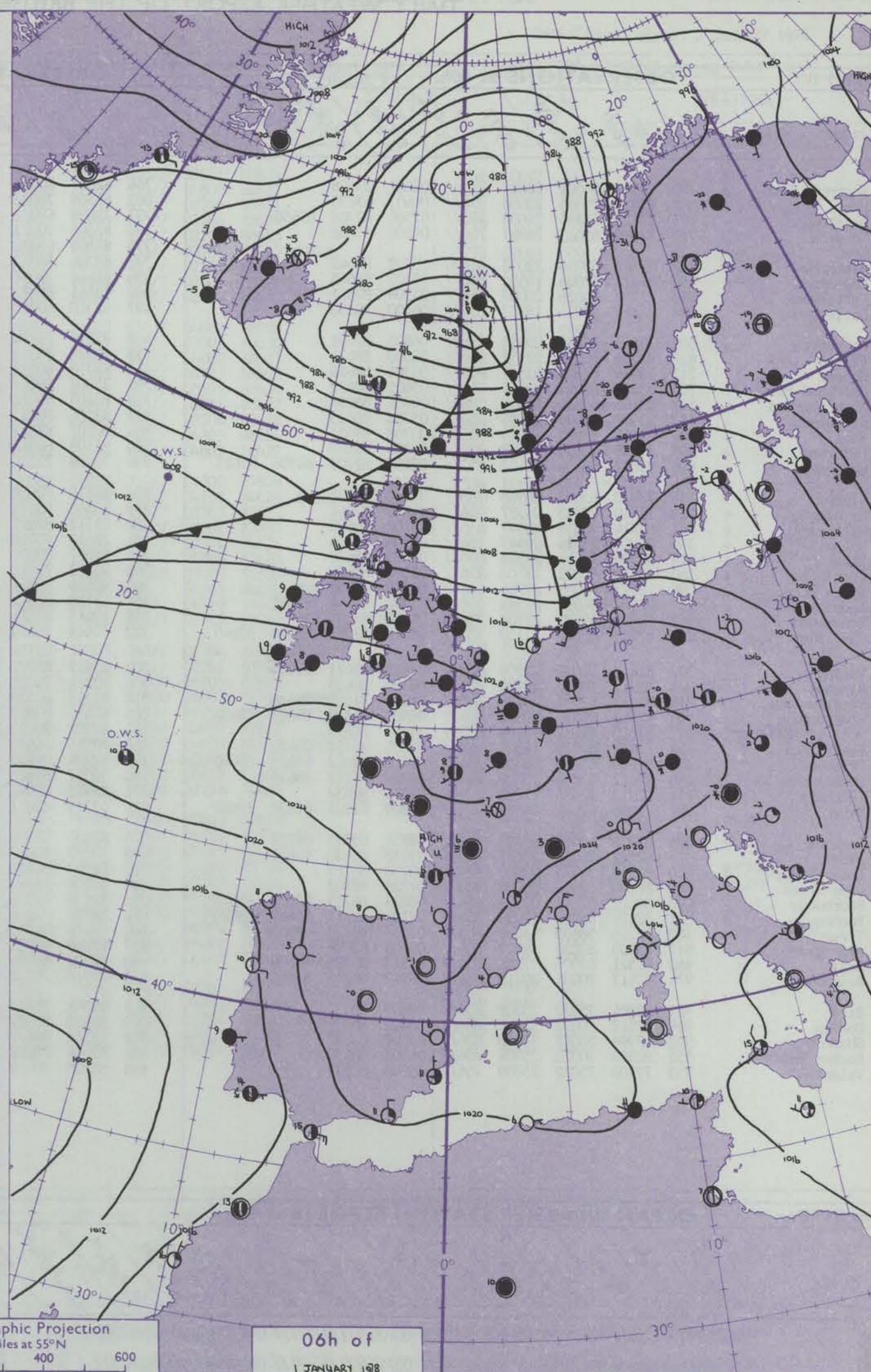
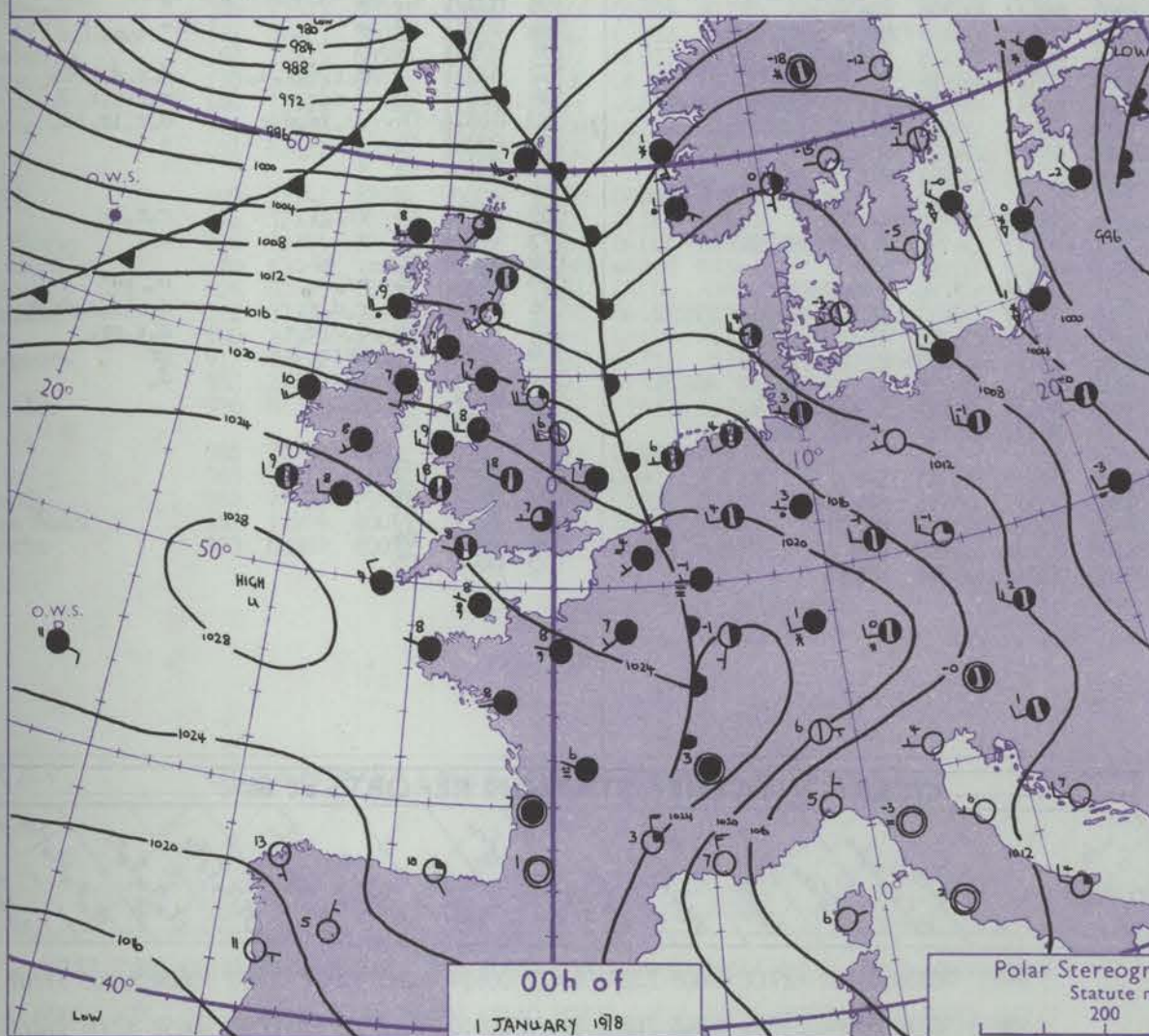
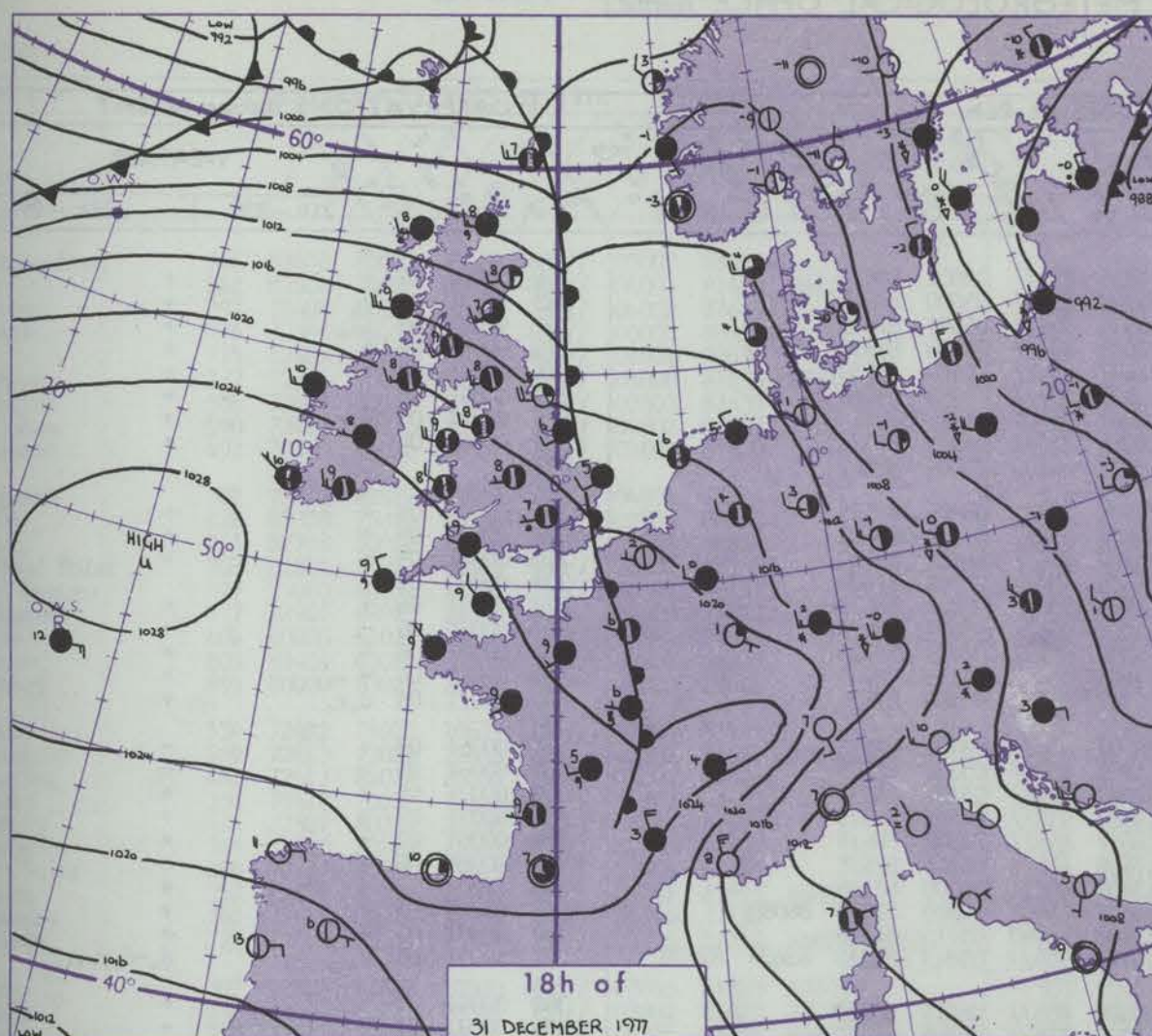


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours the deep depression near the eastern Baltic moved west and filled slowly. A further depression southwest of Iceland moved eastnortheast into the Norwegian Sea, deepening markedly. The anticyclone to the southwest of Ireland moved east over France, giving a westerly airflow over the British Isles. During the next

24 hours, the depression in the Norwegian Sea is expected to become slow-moving, with a new depression forming to south over eastern Scandinavia. The associated cold front will move south across most of the British Isles. The anticyclone over France will move east towards northern Italy.

Issued at midday SUNDAY 1 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

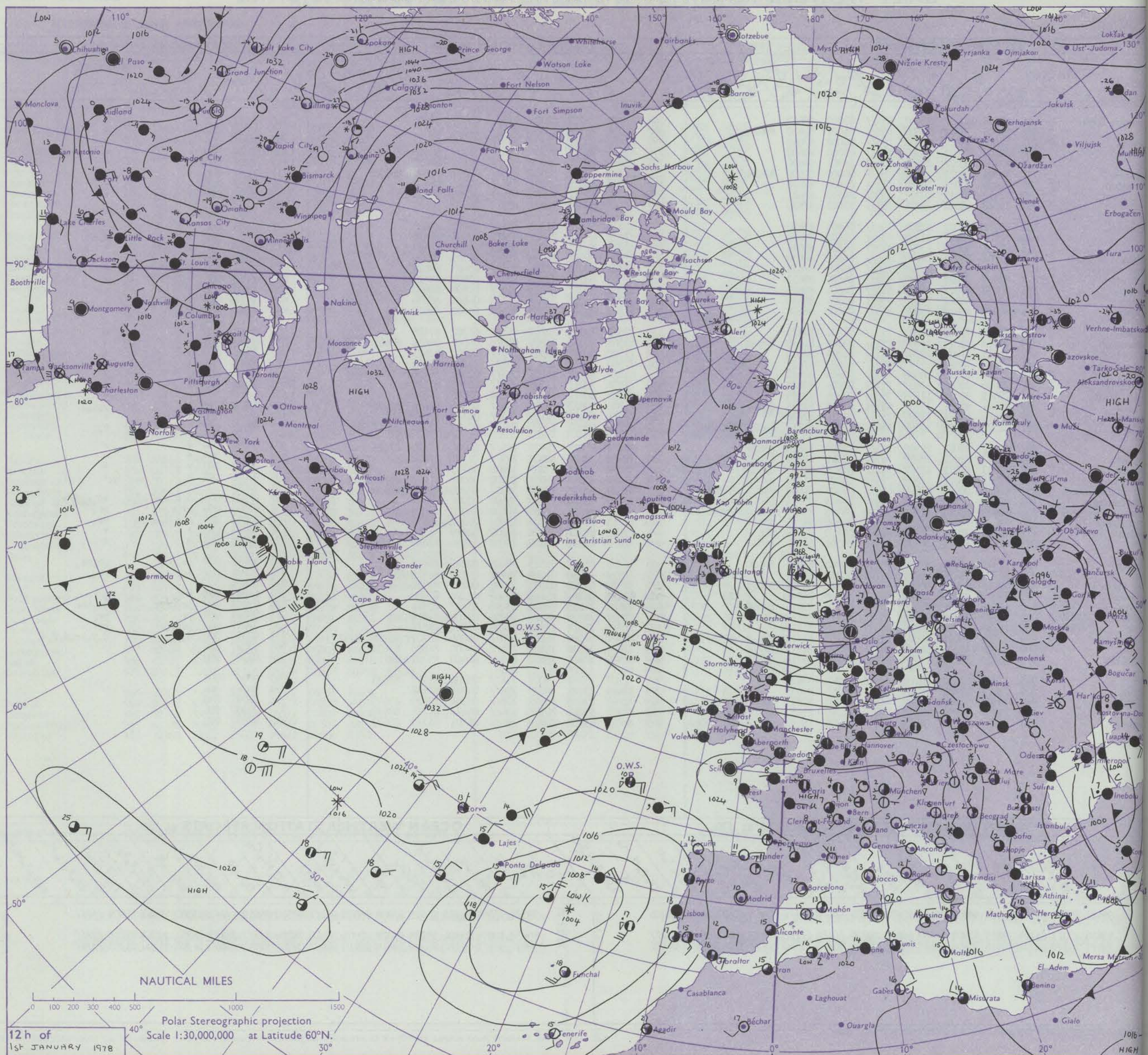
| OBSERVATIONS at 00h. 1 January 1978 |                  |     |       |        |       |                                   |                    |  |  | OBSERVATIONS at 06h. 1 January 1978            |     |       |        |       |                                   |                    |  |  |  | OBSERVATIONS during NIGHT |                                   |                               |  |  |
|-------------------------------------|------------------|-----|-------|--------|-------|-----------------------------------|--------------------|--|--|--|-----|-------|--------|-------|-----------------------------------|--------------------|--|--|--|---------------------------|-----------------------------------|-------------------------------|--|--|
| Code FM II.V                        | Station          | ill | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill                       | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER  |  |
|                                     |                  |     |       |        |       |                                   |                    |  |  |  |     |       |        |       |                                   |                    |  |  |  |                           |                                   |                               | 21h.—03h.  | 03h.—09h.  |
| Code FM II.V                        | Boscombe Down    | 746 | 72906 | 66021  | 22807 | 755//                             | 05002              | 87628  |  |  | 746 | 82607 | 80022  | 22606 | 855//                             | 05801              | 88625  |  |  | 746                       | 00061                             | 04                            | +  | +  |
|                                     | Hurn             | 862 | 72808 | 75015  | 23408 | 756//                             | 06601              | 87635  |  |  | 862 | 82505 | 70022  | 23207 | 855//                             | 05000              | 88629  |  |  | 862                       | 97071                             | 06                            | d <sub>o</sub>   | +  |
|                                     | Manston          | 797 | 72612 | 50105  | 21007 | 753//                             | 07500              | 82708  | 87650  |  | 797 | 72608 | 68022  | 20907 | 756//                             | 05801              | 87645  |  |  | 797                       | 97071                             | 05                            | id <sub>o</sub>  | +  |
|                                     | Gatwick          | 776 | 72506 | 65015  | 21807 | 756//                             | 06102              | 87638  |  |  | 776 | 82506 | 70022  | 22006 | 856//                             | 05400              | 88630  |  |  | 776                       | 00051                             | 02                            | +  | +  |
|                                     | Kew              |     |       |        |       |                                   |                    |  |  |  | 775 | 82505 | 65032  | 21607 | 856//                             | 05400              | 88630  |  |  | 775                       | 00071                             | 05                            | +  | +  |
|                                     | Heathrow         | 772 | 62707 | 59016  | 22007 | 65600                             | 05002              | 86642  |  |  | 772 | 82706 | 68022  | 22107 | 855//                             | 05400              | 88628  |  |  | 772                       | 00061                             | 03                            | +  | +  |
|                                     | Honington        | 586 | 82613 | 62026  | 19507 | 856//                             | 05305              | 88645  |  |  | 586 | 82611 | 70022  | 19407 | 856//                             | 04701              | 88632  |  |  | 586                       | 97071                             | 05                            | d <sub>o</sub> r <sub>o</sub>  | +  |
|                                     | Wattisham        | 590 | 72712 | 60026  | 20007 | 756//                             | 05306              | 87641  |  |  | 590 | 72511 | 80022  | 20006 | 755//                             | 04301              | 87623  |  |  | 590                       | 00061                             | 04                            | +  | +  |
|                                     | Gorleston        | 497 | 82711 | 60025  | 18807 | 857//                             | 06400              | 88650  |  |  | 497 | 62310 | 60022  | 18907 | 65500                             | 05400              | 86625  |  |  | 497                       |                                   |                               |  |  |
|                                     | Aberporth        | 502 | 73109 | 70022  | 23408 | 756//                             | 06803              | 87631  |  |  | 502 | 72916 | 75022  | 22508 | 756//                             | 03806              | 87635  |  |  | 502                       | 00071                             | 06                            | +  | +  |
|                                     | Filton           | 628 | 82706 | 70032  | 23307 | 856//                             | 05000              | 88631  |  |  | 628 | 72908 | 80012  | 22808 | 756//                             | 03804              | 87632  |  |  | 628                       | 00071                             | 05                            | +  | +  |
|                                     | Rhoose           | 715 | 73004 | 81022  | 23507 | 755//                             | 06704              | 87628  |  |  | 715 | 82710 | 80022  | 22707 | 856//                             | 04803              | 88630  |  |  | 715                       | 00061                             | 03                            | +  | +  |
|                                     | Hartland Point   | 703 | 83313 | 86022  | 24509 | 855//                             | 05605              | 88629  |  |  | 703 | 73002 | 88022  | 23308 | 755//                             | 05803              | 87629  |  |  | 703                       | 00080                             | 07                            |  |  |
|                                     | Mount Batten     | 827 | 83105 | 65026  | 24909 | 856//                             | 06706              | 88634  |  |  | 827 | 83103 | 65022  | 23908 | 856//                             | 06808              | 88632  |  |  | 827                       | 00071                             | 06                            | +  | +  |
|                                     | St. Mawgan       | 817 | 83308 | 80026  | 25508 | 855//                             | 05704              | 88625  |  |  | 817 | 83106 | 70022  | 24008 | 855//                             | 05809              | 88623  |  |  | 817                       | 00071                             | 06                            | +  | +  |
|                                     | Scilly           | 804 | 83309 | 80025  | 26109 | 855//                             | 03708              | 88625  |  |  | 804 | 80203 | 82022  | 24309 | 855//                             | 03713              | 88625  |  |  | 804                       | 00081                             | 06                            | +  | +  |
|                                     | Culdrose         | 809 | 83206 | 75025  | 25708 | 855//                             | 04808              | 88628  |  |  | 809 | 83103 | 68022  | 24108 | 856//                             | 04811              | 88630  |  |  | 809                       | 00060                             | 06                            | +  | +  |
|                                     | Guernsey         | 894 | 83007 | 56586  | 25108 | 852//                             | 08805              | 82705  | 84708  | 86613  | 894 | 73209 | 72026  | 24308 | 755//                             | 05500              | 87626  |  |  | 894                       | 94071                             | 06                            | d <sub>o</sub> r <sub>o</sub>  | +  |
|                                     | Elmdon           | 534 | 73010 | 65022  | 20908 | 756//                             | 03202              | 87640  |  |  | 534 | 82610 | 70032  | 20607 | 856//                             | 03702              | 88630  |  |  | 534                       | 00061                             | 03                            | +  | +  |
|                                     | Cardington       | 559 | 72710 | 70025  | 21307 | 756//                             | 06203              | 87641  |  |  | 559 | 72510 | 68022  | 21207 | 756//                             | 05301              | 87635  |  |  | 559                       | 00061                             | 05                            | +  | +  |
|                                     | Wittering        | 462 | 62914 | 70016  | 20507 | 656//                             | 05102              | 86635  |  |  | 462 | 82712 | 82022  | 20407 | 856//                             | 05101              | 88628  |  |  | 462                       | 00071                             | 05                            | +  | +  |
|                                     | Watnall          | 354 | 82308 | 56045  | 20407 | 854//                             | 05305              | 88614  |  |  | 354 | 72410 | 70012  | 19507 | 755//                             | 04501              | 87625  |  |  | 354                       | 00071                             | 03                            | +  | +  |
|                                     | Shawbury         | 414 | 82306 | 75032  | 21508 | 855//                             | 05005              | 88620  |  |  | 414 | 82507 | 80022  | 20607 | 854//                             | 04601              | 88618  |  |  | 414                       | 00061                             | 03                            | +  | +  |
|                                     | Finningley       | 360 | 72712 | 65022  | 18508 | 756//                             | 05307              | 87630  |  |  | 360 | 72612 | 75022  | 17408 | 755//                             | 02705              | 87628  |  |  | 360                       | 00081                             | 06                            | +  | +  |
|                                     | Spurn Point      | 396 | 12613 | 62031  | 17706 | 10970                             | 05205              | 81360  |  |  | 396 | 82514 | 66021  | 17407 | 856//                             | 05000              | 88635  |  |  | 396                       |                                   |                               | +  | +  |
|                                     | Leeming          | 257 | 72507 | 84031  | 17308 | 3564/                             | 05302              | 83640  | 87362  |  | 257 | 63108 | 82012  | 15607 | 35501                             | 04810              | 83620  | 86080  |  | 257                       | 00061                             | 01                            | +  | +  |
|                                     | Tynemouth        | 262 | 52714 | 69031  | 15908 | 55600                             | 06210              | 85635  |  |  | 262 | 12615 | 69021  | 13208 | 10940                             | 05715              | 81358  |  |  | 262                       | 00071                             | 05                            | +  | +  |
|                                     | Carlisle         | 222 | 82714 | 65026  | 17107 | 854//                             | 06105              | 81714  | 83624  | 88645  | 222 | 72619 | 70215  | 14708 | 754//                             | 05815              | 81618  | 83624  | 87638  | 222                       | 97071                             | 05                            | r <sub>o</sub>   | d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub>    |
|                                     | Valley           | 302 | 82813 | 70022  | 22109 | 855//                             | 07802              | 82621  | 88625  |  | 302 | 82617 | 81022  | 20509 | 855//                             | 06811              | 88623  |  |  | 302                       | 00091                             | 07                            | +  | +  |
|                                     | Ringway          | 334 | 82713 | 70022  | 20408 | 855//                             | 06304              | 88628  |  |  | 334 | 72711 | 75022  | 19308 | 756//                             | 04805              | 87630  |  |  | 334                       | 00071                             | 07                            | +  | +  |
|                                     | Squires Gate     | 318 | 82713 | 63031  | 20108 | 855//                             | 06203              | 81620  | 88638  |  | 318 | 82713 | 80022  | 18707 | 856//                             | 06706              | 88638  |  |  | 318                       | 00071                             | 07                            | +  | +  |
|                                     | Ronaldsway       | 204 | 82613 | 80022  | 20308 | 854//                             | 06802              | 81712  | 83618  | 88638  | 204 | 82616 | 80022  | 18108 | 855//                             | 05813              | 82622  | 88633  |  | 204                       | 00081                             | 07                            | +  | +  |
|                                     | Mull of Galloway | 131 | 82615 | 82022  | 19408 | 855//                             | 07001              | 88625  |  |  | 131 | 82523 | 70032  | 15908 | 855//                             | 06718              | 83620  | 88630  |  | 131                       | 00071                             |                               |  |  |
|                                     | Eskdalemuir      | 162 | 82417 | 64215  | 16507 | 854//                             | 05005              | 86712  | 88620  |  | 162 | 82014 | 56586  | 13705 | 873//                             | 04816              | 85707  | 88711  |  | 162                       | 03051                             | 03                            | d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> | d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> dr   |
|                                     | Prestwick        | 135 | 82616 | 65216  | 16607 | 854//                             | 07400              | 82612  | 85625  | 88640  | 135 | 62724 | 70216  | 13008 | 654//                             | 06832              | 81711  | 83616  | 86645  | 135                       | 01071                             | 06                            | d <sub>o</sub> r <sub>o</sub> r <sub>o</sub>                               | r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub> d <sub>o</sub>    |
|                                     | Abbotsinch       | 140 | 82612 | 62606  | 15208 | 854//                             | 06206              | 84712  | 88635  |  | 140 | 72317 | 60506  | 11809 | 754//                             | 05611              | 81715  | 87620  |  | 140                       | 01071                             | 06                            | ir <sub>o</sub> id <sub>o</sub> d <sub>o</sub> r <sub>o</sub>              | d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub> id <sub>o</sub>    |
|                                     | Leuchars         | 171 | 22317 | 82026  | 11807 | 25600                             | 03511              | 82632  |  |  | 171 | 62412 | 82021  | 08707 | 655//                             | 04720              | 86628  |  |  | 171                       | 00061                             | 05                            | +  | +  |
|                                     | Dyce             | 091 | 72206 | 82031  | 09607 | 755//                             | 04809              | 81628  | 83630  | 85632  | 091 | 42214 | 82011  | 05608 | 15632                             | 01721              | 81635  | 83070  |  | 091                       | 00061                             | 01                            | +  | +  |
|                                     | Lerwick          | 005 | 82326 | 40616  | 98107 | 872//                             | 07831              | 83703  | 88707  |  | 005 | 82435 | 60606  | 91308 | 873//                             | 07736              | 88707  |  |  | 005                       | 06062                             | 05                            | rrr <sub>o</sub> r <sub>o</sub>  | r <sub>o</sub> r <sub>o</sub>                                    |
|                                     | Wick             | 075 | 62212 | 80015  | 05807 | 656//                             | 05718              | 82630  | 85639  |  | 075 | 72317 | 80022  | 00809 | 755//                             | 06726              | 86623  | 87656  |  | 075                       | 93071                             | 04                            | +  | ir <sub>o</sub>  |
|                                     | Sule Skerry      | 010 | 82530 | 58515  | 02909 | 874//                             | 07730              | 88715  |  |  | 010 | 82542 | 64216  | 96909 | 874//                             | 08741              | 88715  |  |  | 010                       | 05061                             | 05                            |  |  |
|                                     | Cape Wrath       | 049 | 82730 | 62608  | 04008 | 873//                             | 07728              | 88708  |  |  | 049 | 82330 | 65606  | 98206 | 873//                             | 07736              | 88708  |  |  | 049                       | 03061                             | 06                            | pr <sub>o</sub> ir <sub>o</sub>  | ir <sub>o</sub> pr   |
|                                     | Stornoway        | 026 | 82522 | 67216  | 07008 | 854//                             | 08824              | 86715  | 87619  | 88640  | 026 | 72428 | 56586  | 01109 | 754//                             | 08835              | 86714  | 86620  | 87624  | 026                       | 02061                             | 04                            | d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> rrpr           | d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> rrpr |
|                                     | Benbecula        | 022 | 82424 | 66505  | 11009 | 854//                             | 07720              | 82711  | 84616  | 88620  | 022 | 82224 | 70206  | 05809 | 853//                             | 08728              | 83708  | 88614  |  | 022                       | 96071                             | 06                            | d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>                | d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> pr   |
|                                     | Tiree            | 100 | 82518 | 58605  | 14009 | 854//                             | 07713              | 82710  | 88635  |  | 100 | 72424 | 64036  | 09809 | 784//                             | 07725              | 82818  | 87635  |  | 100                       | 01081                             | 07                            | drir <sub>o&lt;/</sub>   |  |





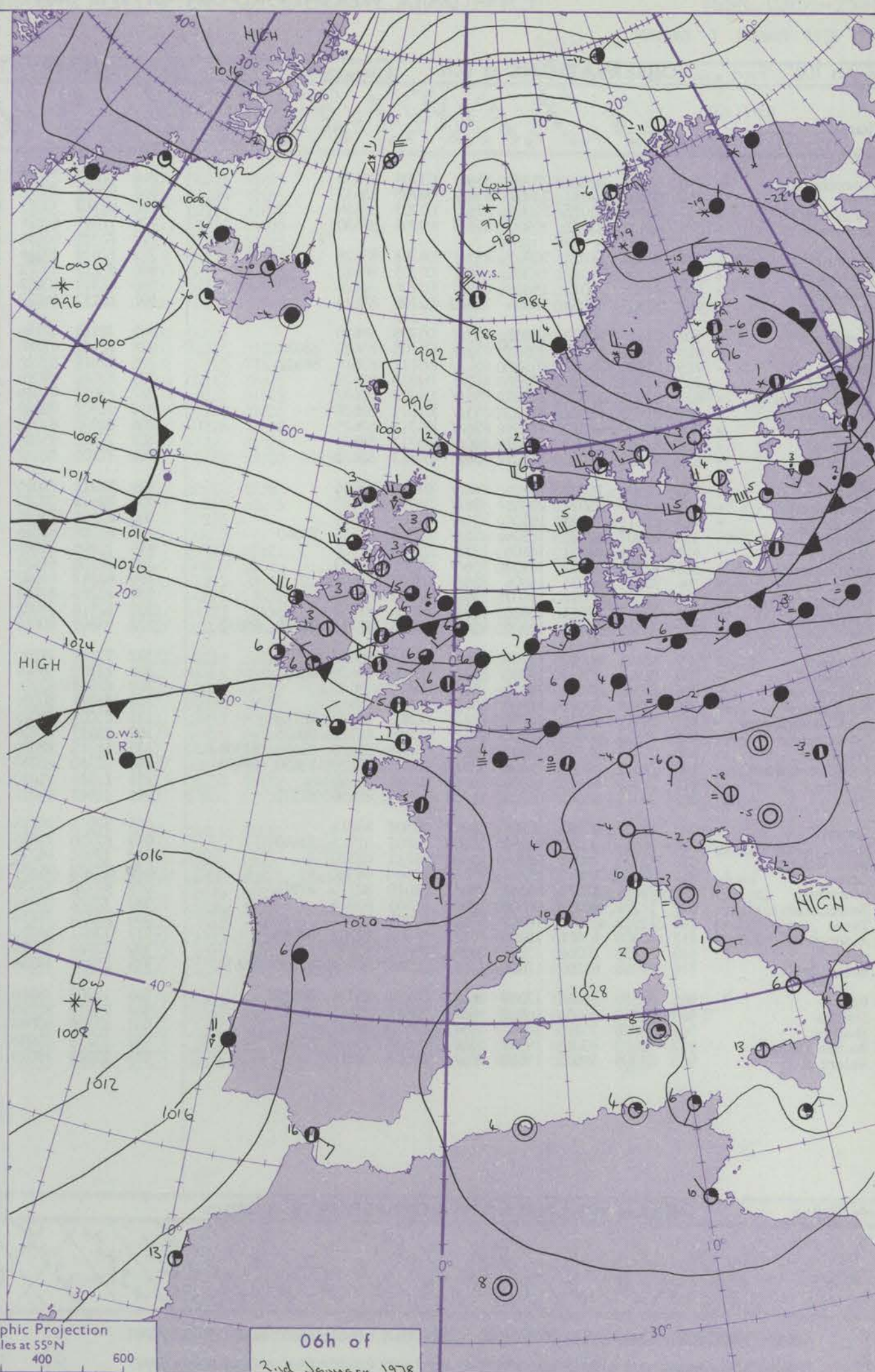
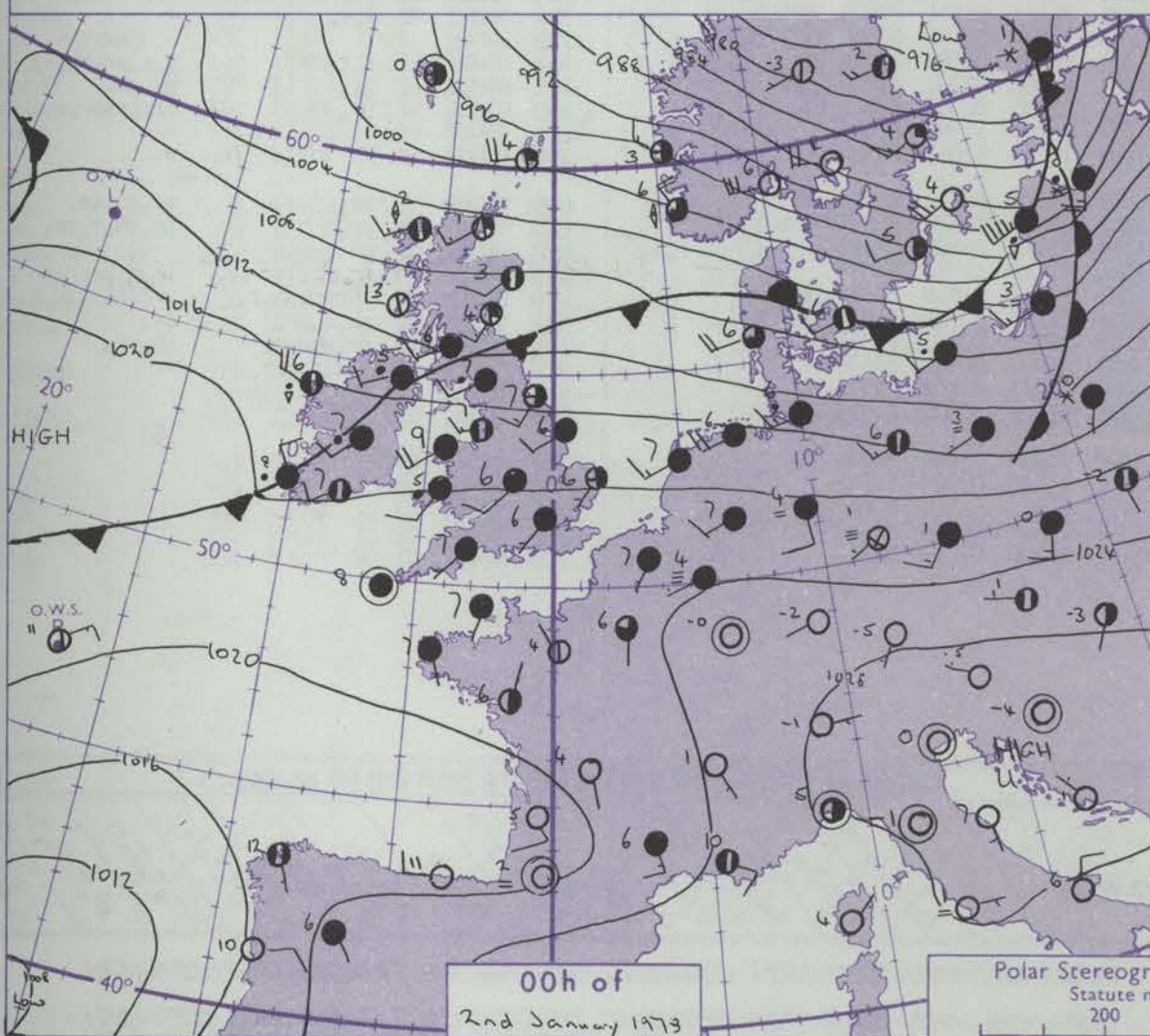
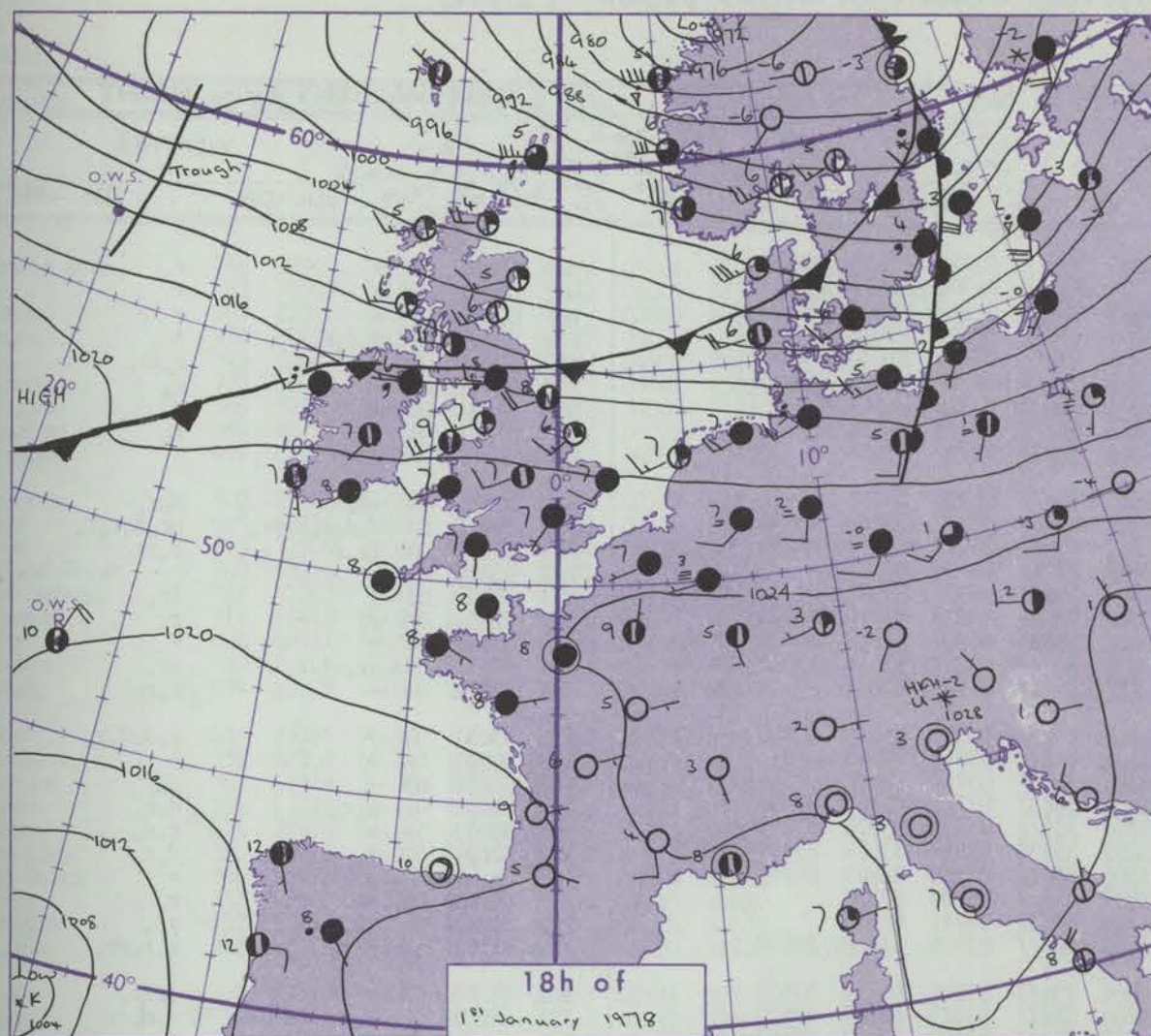


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

The New Year began with a deep depression east of Iceland moving east into central Scandinavia. High pressure over France slipped slowly eastwards and a westerly airstream covered the British Isles. A cold front progressed erratically southwards over northern and central districts. A further depression is expected to develop south of Iceland

during the next 24 hours and move east to the Faeroes. The Scandinavia depression will transfer eastwards and the anticyclone over Europe will move south into the Adriatic. The westerly airstream over the British Isles will be maintained. The cold front will continue to progress southeast and a further cold front will reach northwestern districts.

Issued at midday MONDAY 2 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |     | OBSERVATIONS at 00h. 2 January 1978 |       |        |       |   |                                   |  |  |  | OBSERVATIONS at 06h. 2 January 1978 |       |        |       |   |                                   |  |  |  | OBSERVATIONS during NIGHT |                    |                               |  |           | de FM  |                  |
|------------------|-----|-------------------------------------|-------|--------|-------|---|-----------------------------------|--|--|--|-------------------------------------|-------|--------|-------|---|-----------------------------------|--|--|--|---------------------------|--------------------|-------------------------------|--|-----------|--|------------------|
| Station          |     | iii                                 | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                                 | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                       | ART <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER  |           | Station  |                  |
|                  |     |                                     |       |        |       |   |                                   |  |  |  |                                     |       |        |       |   |                                   |  |  |  |                           |                    |                               |  | 21h.—03h. | 03h.—09h.  |                  |
| Boscombe Down    | 746 | 82505                               | 80022 | 20705  | 856// | 03709   | 88630                             |  |  |  | 746                                 | 72607 | 75602  | 18805 | 755//   | 02710                             | 82625  | 87640  |  | 746                       | 97041              | 03                            | +  |           | r <sub>o</sub>   | Boscombe Down    |
| Hurn             | 862 | 82502                               | 64032 | 21407  | 856// | 04708   | 88633                             |  |  |  | 862                                 | 82602 | 75012  | 19505 | 856//   | 04708                             | 88647  |  |  | 862                       | 00051              | 03                            | +  |           | +  | Hurn             |
| Manston          | 797 | 82209                               | 70022 | 21005  | 855// | 02707   | 88624                             |  |  |  | 797                                 | 82310 | 70022  | 18305 | 856//   | 02818                             | 88635  |  |  | 797                       | 00051              | 04                            | +  |           | +  | Manston          |
| Gatwick          | 776 | 82403                               | 63022 | 20905  | 856// | 03708   | 88630                             |  |  |  | 776                                 | 72307 | 62026  | 18705 | 756//   | 03713                             | 87638  |  |  | 776                       | 97041              | 03                            | d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>                   |           | +  | Gatwick          |
| Kew              |     |                                     |       |        |       |   |                                   |  |  |  | 775                                 | 72305 | 65606  | 18206 | 756//   | 03614                             | 81630  | 87640  |  | 775                       | 97061              | 04                            | +  |           | r <sub>o</sub> ir <sub>o</sub>   | Kew              |
| Heathrow         | 772 | 82304                               | 61022 | 20906  | 855// | 04708   | 88628                             |  |  |  | 772                                 | 72608 | 70216  | 18806 | 756//   | 04712                             | 82630  | 87640  |  | 772                       | 97051              | 04                            | +  |           | r <sub>o</sub>   | Heathrow         |
| Honington        | 586 | 82206                               | 70022 | 19306  | 855// | 02705   | 88628                             |  |  |  | 586                                 | 82210 | 63022  | 16205 | 856//   | 03720                             | 88642  |  |  | 586                       | 97051              | 05                            | +  |           | r <sub>o</sub>   | Honington        |
| Wattisham        | 590 | 82308                               | 70022 | 19805  | 855// | 02706   | 88624                             |  |  |  | 590                                 | 82312 | 60022  | 16805 | 856//   | 03719                             | 88636  |  |  | 590                       | 97051              | 04                            | +  |           | r <sub>o</sub>   | Wattisham        |
| Corlestone       | 497 | 52307                               | 62031 | 18906  | 55500 | 02708   | 85625                             |  |  |  | 497                                 | 82212 | 66022  | 16306 | 8092/   | 02717                             | 88458  |  |  | 497                       |                    |                               |  |           |  | Corlestone       |
| Aberporth        | 502 | 82110                               | 70602 | 19805  | 855// | 05708   | 88625                             |  |  |  | 502                                 | 72915 | 81256  | 17807 | 784//   | 06708                             | 84812  | 87630  |  | 502                       | 02051              | 04                            | ir <sub>o</sub>  |           | Rpr <sub>o</sub>   | Aberporth        |
| Filton           | 628 | 82405                               | 65502 | 20606  | 855// | 04708   | 83620                             | 88630  |  |  | 628                                 | 82408 | 65588  | 18506 | 855//   | 04812                             | 83620  | 88630  |  | 628                       | 94051              | 03                            | d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> drpr <sub>o</sub> |           | pr <sub>o</sub> d <sub>o</sub> r <sub>o</sub> r <sub>o</sub>                 | Filton           |
| Rhoose           | 715 | 82604                               | 75622 | 20307  | 854// | 05711   | 83614                             | 88622  |  |  | 715                                 | 82610 | 83216  | 18307 | 854//   | 05711                             | 81710  | 88630  |  | 715                       | 02051              | 04                            | ir <sub>o</sub> r  |           | r <sub>o</sub> rr <sub>o</sub>   | Rhoose           |
| Hartland Point   | 703 | 82918                               | 80216 | 20507  | 855// | 07810   | 88629                             |  |  |  | 703                                 | 83010 | 84036  | 19108 | 856//   | 06706                             | 88637  |  |  | 703                       | 95072              | 04                            |  |           |  | Hartland Point   |
| Mount Batten     | 827 | 80502                               | 58052 | 21307  | 856// | 04713   | 88632                             |  |  |  | 827                                 | 73002 | 62036  | 19906 | 756//   | 04807                             | 87647  |  |  | 827                       | 97051              | 01                            | +  |           | ir <sub>o</sub>  | Mount Batten     |
| St. Mawgan       | 817 | 81903                               | 80022 | 21307  | 855// | 01612   | 88624                             |  |  |  | 817                                 | 72707 | 80036  | 20007 | 784//   | 05808                             | 82816  | 86640  |  | 817                       | 97051              | 00                            | r <sub>o</sub>   |           | r <sub>o</sub>   | St. Mawgan       |
| Scilly           | 804 | 80000                               | 82022 | 21108  | 855// | 04712   | 88625                             |  |  |  | 804                                 | 63209 | 84012  | 20308 | 3843/   | 05804                             | 81817  | 83628  | 85365  | 804                       | 00081              | 07                            | +  |           | +  | Scilly           |
| Culdrose         | 809 | 82307                               | 65022 | 21407  | 856// | 03712   | 88635                             |  |  |  | 809                                 | 72902 | 65606  | 20506 | 784//   | 04803                             | 83816  | 83622  | 86635  | 809                       | 97041              | 50                            | ir <sub>o</sub>  |           | ir <sub>o</sub>  | Culdrose         |
| Guernsey         | 894 | 82005                               | 81022 | 21807  | 856// | 04813   | 88632                             |  |  |  | 894                                 | 72905 | 82012  | 20207 | 756//   | 04609                             | 87635  |  |  | 894                       | 92071              | 01                            | +  |           | r <sub>o</sub> r <sub>o</sub>  | Guernsey         |
| Elmdon           | 534 | 82209                               | 75022 | 19106  | 856// | 01708   | 88634                             |  |  |  | 534                                 | 62312 | 70016  | 16106 | 655/2   | 03816                             | 81625  | 86640  |  | 534                       | 97051              | 04                            | +  |           | r <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>                  | Elmdon           |
| Cardington       | 559 | 82409                               | 75022 | 20006  | 856// | 04707   | 88633                             |  |  |  | 559                                 | 82412 | 70022  | 17106 | 856//   | 05615                             | 88645  |  |  | 559                       | 00051              | 04                            | +  |           | +  | Cardington       |
| Wittering        | 462 | 82411                               | 70022 | 19306  | 856// | 01607   | 88630                             |  |  |  | 462                                 | 82514 | 70022  | 16205 | 856//   | 03717                             | 88630  |  |  | 462                       | 97051              | 03                            | +  |           | d <sub>o</sub>   | Wittering        |
| Watnall          | 354 | 82207                               | 62032 | 18506  | 855// | 03705   | 85626                             | 88640  |  |  | 354                                 | 62208 | 68016  | 15205 | 2563/   | 03715                             | 82640  | 85360  |  | 354                       | 91041              | 01                            | r <sub>o</sub> r <sub>o</sub>                                  |           | d <sub>o</sub> r <sub>o</sub>  | Watnall          |
| Shawbury         | 414 | 72211                               | 81031 | 18406  | 755// | 03708   | 87626                             |  |  |  | 414                                 | 72306 | 75026  | 15704 | 755//   | 03715                             | 85620  | 87656  |  | 414                       | 93021              | 51                            | +  |           | r <sub>o</sub> r <sub>o</sub>  | Shawbury         |
| Finningley       | 360 | 82108                               | 75032 | 16907  | 856// | 02608   | 88633                             |  |  |  | 360                                 | 72206 | 81032  | 13605 | 35538   | 03818                             | 83624  | 83360  | 87270  | 360                       | 97031              | 01                            | +  |           | d <sub>o</sub> r <sub>o</sub>  | Finningley       |
| Spurn Point      | 396 | 82311                               | 56031 | 16806  | 856// | 03607   | 88645                             |  |  |  | 396                                 | 62312 | 66032  | 13706 | 2567/   | 03718                             | 82645  | 86360  |  | 396                       |                    |                               | +  |           | +  | Spurn Point      |
| Leeming          | 257 | 22309                               | 65016 | 14907  | 25400 | 05712   | 82618                             |  |  |  | 257                                 | 72705 | 80211  | 12605 | 756//   | 05709                             | 87630  |  |  | 257                       | 92041              | 03                            | +  |           | r <sub>o</sub>   | Leeming          |
| Tynemouth        | 262 | 72505                               | 69021 | 13608  | 7093/ | 05806   | 87358                             |  |  |  | 262                                 | 52510 | 74022  | 11705 | 5093/   | 04711                             | 85358  |  |  | 262                       | 94031              | 01                            | ir <sub>o</sub>  |           | ir <sub>o</sub>  | Tynemouth        |
| Carlisle         | 222 | 82509                               | 63602 | 13507  | 854// | 05706   | 82714                             | 83620  | 88632  |  | 222                                 | 62809 | 80016  | 12405 | 684//   | 03505                             | 81818  | 86650  |  | 222                       | 94031              | 50                            | r <sub>o</sub> r <sub>o</sub>                                  |           | r <sub>o</sub> r <sub>o</sub> pr <sub>o</sub>                                | Carlisle         |
| Valley           | 302 | 82421                               | 80022 | 17109  | 856// | 06711   | 88630                             |  |  |  | 302                                 | 73112 | 75216  | 16207 | 754//   | 05202                             | 85714  | 87627  |  | 302                       | 01051              | 02                            | +  |           | irir <sub>o</sub>  | Valley           |
| Ringway          | 334 | 81907                               | 70612 | 17606  | 855// | 03708   | 83628                             | 88635  |  |  | 334                                 | 82109 | 68606  | 14805 | 854//   | 03615                             | 87617  | 88630  |  | 334                       | 02051              | 03                            | r <sub>o</sub> r <sub>o</sub>                                  |           | r <sub>o</sub> d <sub>o</sub> r  | Ringway          |
| Squires Gate     | 318 | 72514                               | 75011 | 16307  | 756// | 06706   | 87638                             |  |  |  | 318                                 | 82909 | 82216  | 14606 | 855//   | 05603                             | 82625  | 88643  |  | 318                       | 01061              | 04                            | +  |           | r <sub>o</sub> r   | Squires Gate     |
| Ronaldsway       | 204 | 82518                               | 68032 | 15208  | 854// | 04610   | 88616                             |  |  |  | 204                                 | 72814 | 80026  | 15106 | 785//   | 03101                             | 82822  | 87645  |  | 204                       | 94051              | 02                            | +  |           | r <sub>o</sub> r <sub>o</sub>  | Ronaldsway       |
| Mull of Galloway | 131 | 82912                               | 60516 | 14706  | 872// | 06706   | 84703                             | 88710  |  |  | 131                                 | 23025 | 84015  | 14205 | 25500   | 02500                             | 82620  |  |  | 131                       | 92041              |                               |  |           |  | Mull of Galloway |
| Eskdalemuir      | 162 | 82514                               | 60628 | 13004  | 884// | 02806   | 84712                             | 88625  |  |  | 162                                 | 22415 | 81256  | 11503 | 28401   | 00805                             | 81818  |  |  | 162                       | 01013              | 51                            | d <sub>o</sub> r <sub>o</sub> rr <sub>o</sub>                  |           | d <sub>o</sub> r <sub>o</sub> pr <sub>o</sub> ph <sub>o</sub> r <sub>o</sub> | Eskdalemuir      |
| Prestwick        | 135 | 82414                               | 75258 | 12306  | 4857/ | 04805   | 81820                             | 83650  | 87360  |  | 135                                 | 12719 | 75028  | 11804 | 18500   | 02701                             | 81820  |  |  | 135                       | 02021              | 01                            | pr <sub>o</sub>  |           | pr <sub>o</sub> ph <sub>o</sub>  | Prestwick        |
| Abbotsinch       | 140 | 72611                               | 60808 | 11406  | 5857/ | 03805   | 82820                             | 83650  | 87460  |  | 140                                 | 12710 | 65258  | 10703 | 12400   | 02000                             | 81816  |  |  | 140                       | 01011              | 51                            | pr <sub>o</sub>  |           | pr <sub>o</sub> pr <sub>o</sub> pr <sub>o</sub> s <sub>o</sub>               | Abbotsinch       |
| Leuchars         | 171 | 32213                               | 82011 | 10004  | 25702 | 01705   | 82650                             |  |  |  | 171                                 | 12514 | 82020  | 08903 | 15700   | 51500                             | 81650  |  |  | 171                       | 00011              | 51                            | +  |           | +  | Leuchars         |
| Dyce             | 091 | 72312                               | 82011 | 08203  | 15708 | 51804   | 81650                             | 87272  |  | </   |                                     |       |        |       |   |                                   |  |  |  |                           |                    |                               |  |           |  |                  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

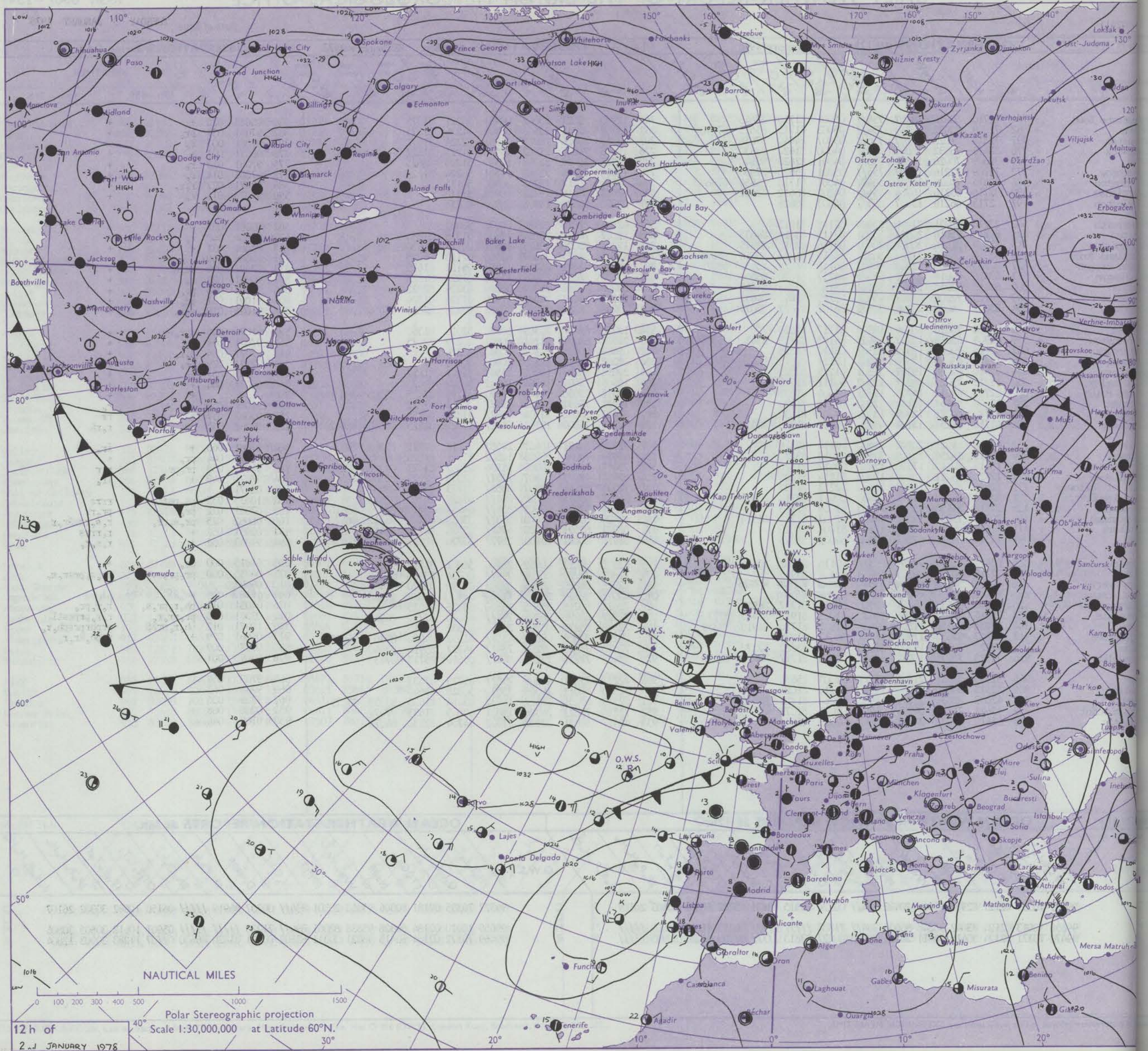
42411

Date of Issue TUESDAY 3 JANUARY 1978

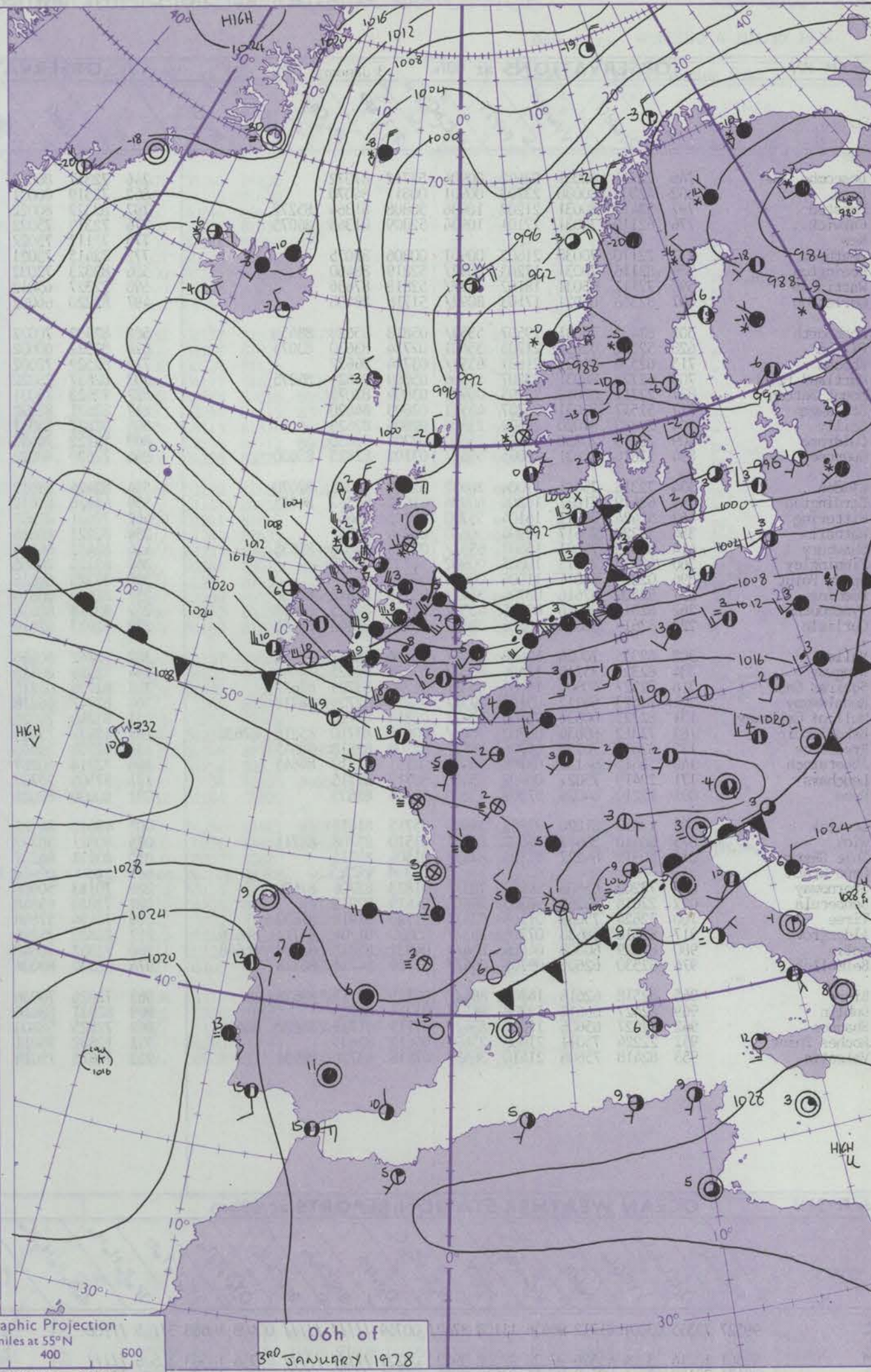
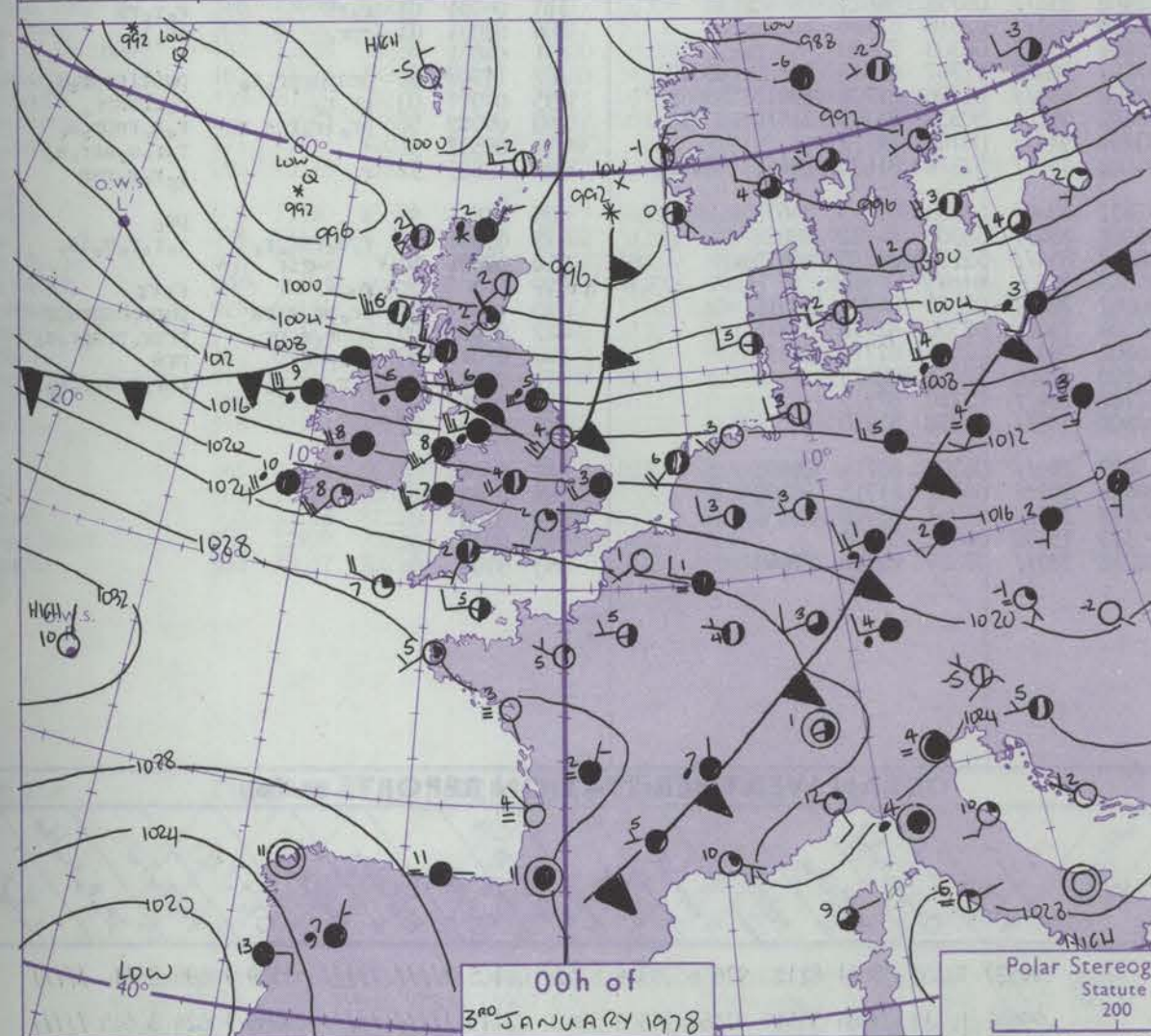
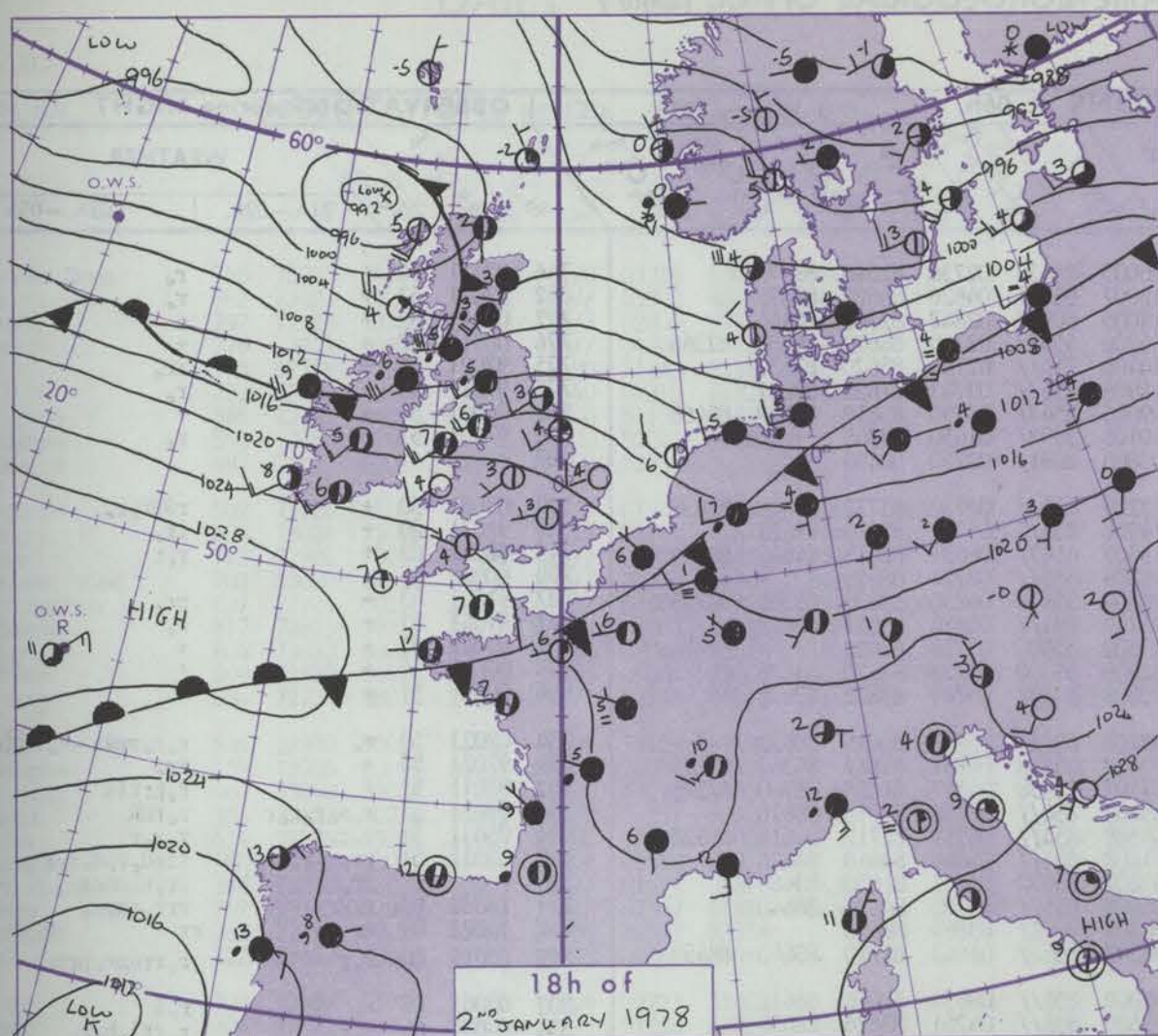
| de FM II.V |         | OBSERVATIONS at 12h. 2 January 1978 |       |       |       |   |                    |  |  |  |     | OBSERVATIONS at 18h. 2 January 1978 |       |       |   |                    |  |  |  |     |                      | OBSERVATIONS during DAY |           |             |  |  |  |
|------------|---------|-------------------------------------|-------|-------|-------|---|--------------------|--|--|--|-----|-------------------------------------|-------|-------|---|--------------------|--|--|--|-----|----------------------|-------------------------|-----------|-------------|--|--|--|
| 9h.        | Station |                                     |       |       |       |   |                    |  |  |  |     |                                     |       |       |   |                    |  |  |  |     |                      |                         |           |             |  |  |  |
|            |         | iii                                 | Nddrr | VVwwW | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | Nddrr                               | VVwwW | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | RRT + T <sub>E</sub> | SSS                     | WEATHER   |             |  |  |  |
|            |         |                                     |       |       |       |   |                    |  |  |  |     |                                     |       |       |   |                    |  |  |  |     |                      |                         | 09h.—15h. | 15h.—21h.</ |  |  |  |



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







Polar Stereographic Projection  
 Statute miles at 55°N  
 200 400 600  
 Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPSIS DEVELOPMENT

A complex depression over the Norwegian Sea and Scandinavia has maintained a westerly airstream over the British Isles. During yesterday a depression developed about 300 miles west of northwest Scotland and moved rather quickly east-southeast across Scotland to its present position over southern Norway. An associated cold front moved southeast across Scotland but has been retarded by the development of a wave depression, now off north-

east England. During the next 24 hours the wave will move rapidly east to combine with the low complex over southern Scandinavia. As the wave moves away the cold front will resume its southeast progress into northwest Europe, followed by an unstable northwesterly airstream over the British Isles.

Issued at midday TUESDAY 3 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. |     |       |       |       |                                   |                    |  |  |  | OBSERVATIONS at 06h. |       |       |       |                                   |                    |  |  |  |     | OBSERVATIONS during NIGHT         |                               |                |  |         |                |  |  |  |  |
|----------------------|-----|-------|-------|-------|-----------------------------------|--------------------|--|--|--|----------------------|-------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|-----------------------------------|-------------------------------|----------------|--|---------|----------------|--|--|--|--|
| 3 January 1978       |     |       |       |       |                                   |                    |  |  |  | 3 January 1978       |       |       |       |                                   |                    |  |  |  |     |                                   |                               |                |  |         |                |  |  |  |  |
| Station              | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER        |  | Station |                |  |  |  |  |
|                      |     |       |       |       |                                   |                    |  |  |  |                      |       |       |       |                                   |                    |  |  |  |     |                                   |                               | 21h.—03h.      | 03h.—09h.  |         |                |  |  |  |  |
| Boscombe Down        | 746 | 72511 | 80031 | 22602 | 00904                             | 53712              | 87072  |  |  | 746                  | 72317 | 80022 | 16605 | 25432                             | 02736              | 82618  | 87072  |  | 746 | 97511                             | 54                            | +              | r <sub>c</sub>                                       |         | Boscombe Down  |  |  |  |  |
| Hurn                 | 862 | 42508 | 80030 | 23703 | 00901                             | 00811              | 84070  |  |  | 862                  | 72519 | 80031 | 19007 | 655/1                             | 04626              | 86624  | 87075  |  | 862 | 97021                             | 52                            | +              | r <sub>c</sub>                                       |         | Hurn           |  |  |  |  |
| Manston              | 797 | 52412 | 80031 | 21202 | 10936                             | 50808              | 81364  | 85272  |  | 797                  | 82323 | 80022 | 14005 | 8097/                             | 02847              | 82362  | 88464  |  | 797 | 00011                             | 52                            | +              | +  |         | Manston        |  |  |  |  |
| Gatwick              | 776 | 62110 | 70031 | 22101 | 10934                             | 52809              | 81365  | 86075  |  | 776                  | 72319 | 75022 | 16206 | 5557/                             | 02740              | 84622  | 84650  | 87366  | 776 | 00511                             | 57                            | +              | +  |         | Gatwick        |  |  |  |  |
| Kew                  |     |       |       |       |                                   |                    |  |  |  | 775                  | 72117 | 75022 | 14406 | 755/                              | 02740              | 85620  | 87630  |  | 775 | 97021                             | 55                            | +              | ir <sub>c</sub>                                      |         | Kew            |  |  |  |  |
| Heathrow             | 772 | 22110 | 70030 | 21602 | 00901                             | 00806              | 82075  |  |  | 772                  | 72415 | 75021 | 14906 | 755/                              | 03743              | 81622  | 87627  |  | 772 | 97021                             | 53                            | +              | r <sub>c</sub>                                       |         | Heathrow       |  |  |  |  |
| Honington            | 586 | 82116 | 70031 | 17203 | 8092/                             | 52819              | 88460  |  |  | 586                  | 82323 | 72032 | 09006 | 5547/                             | 03750              | 85618  | 85359  | 88463  | 586 | 00001                             | 51                            | +              | +  |         | Honington      |  |  |  |  |
| Wattisham            | 590 | 72117 | 65031 | 18102 | 757/                              | 52818              | 87656  |  |  | 590                  | 72327 | 65012 | 10105 | 7093/                             | 01650              | 87365  |  |  | 590 | 97001                             | 53                            | +              | r <sub>c</sub>                                       |         | Wattisham      |  |  |  |  |
| Gorleston            | 497 | 82318 | 66021 | 17103 | 8092/                             | 51718              | 88458  |  |  | 497                  | 82220 | 66022 | 08805 | 8091/                             | 02750              | 88458  |  |  | 497 |                                   |                               |                |  |         | Gorleston      |  |  |  |  |
| Aberporth            | 502 | 82423 | 75031 | 19507 | 5552/                             | 05818              | 85628  | 88458  |  | 502                  | 82532 | 70032 | 13209 | 854/                              | 07732              | 83712  | 86620  | 88638  | 502 | 03051                             | 50                            | +              | rRr <sub>c</sub> r <sub>c</sub>                      |         | Aberporth      |  |  |  |  |
| Filton               | 628 | 52512 | 62031 | 21705 | 35601                             | 02714              | 83630  | 83075  |  | 628                  | 82522 | 60602 | 14908 | 854/                              | 05841              | 85615  | 88621  |  | 628 | 91031                             | 00                            | +              | ir <sub>c</sub>                                      |         | Filton         |  |  |  |  |
| Rhoose               | 715 | 62520 | 81031 | 21607 | 655/                              | 03714              | 86622  |  |  | 715                  | 82529 | 72602 | 15309 | 4547/                             | 06631              | 82618  | 84640  | 88359  | 715 | 03051                             | 03                            | +              | r <sub>c</sub> r                                     |         | Rhoose         |  |  |  |  |
| Hartland Point       | 703 | 62728 | 88031 | 23207 | 45506                             | 05609              | 84624  | 86075  |  | 703                  | 82837 | 73022 | 18309 | 855/                              | 08724              | 88625  |  |  | 703 | 00060                             | 05                            | +              |  |         | Hartland Point |  |  |  |  |
| Mount Batten         | 827 | 22711 | 60030 | 25705 | 00901                             | 03804              | 82075  |  |  | 827                  | 72623 | 75031 | 20809 | 35678                             | 06830              | 83630  | 85360  | 87275  | 827 | 97001                             | 53                            | +              | pr <sub>c</sub>                                      |         | Mount Batten   |  |  |  |  |
| St. Mawgan           | 817 | 52517 | 82031 | 25707 | 45501                             | 02605              | 84620  |  |  | 817                  | 82621 | 82022 | 21709 | 884/                              | 05824              | 83817  | 88628  |  | 817 | 97041                             | 52                            | +              | r <sub>c</sub>                                       |         | St. Mawgan     |  |  |  |  |
| Scilly               | 804 | 22820 | 81020 | 26507 | 25500                             | 02806              | 82623  |  |  | 804                  | 32827 | 75011 | 23509 | 35500                             | 05718              | 83623  |  |  | 804 | 00061                             | 02                            | +              | +  |         | Scilly         |  |  |  |  |
| Culdrose             | 809 | 22713 | 70030 | 26406 | 25600                             | 02704              | 82630  |  |  | 809                  | 52722 | 70031 | 22609 | 58500                             | 05723              | 82820  | 84628  |  | 809 | 00030                             | 54                            | +              | +  |         | Culdrose       |  |  |  |  |
| Guernsey             | 894 | 52610 | 82031 | 26805 | 585/                              | 03102              | 82825  | 83650  |  | 894                  | 72620 | 80022 | 23808 | 58532                             | 05719              | 83822  | 87075  |  | 894 | 00051                             | 51                            | +              | +  |         | Guernsey       |  |  |  |  |
| Elmdon               | 534 | 72318 | 75021 | 17004 | 20932                             | 51719              | 82365  | 87070  |  | 534                  | 82424 | 68612 | 09108 | 854/                              | 05847              | 85615  | 88622  |  | 534 | 02021                             | 53                            | r <sub>c</sub> | r <sub>c</sub> r <sub>c</sub> rrr-r <sub>c</sub> rRr |         | Elmdon         |  |  |  |  |
| Cardington           | 559 | 62419 | 81031 | 18204 | 40936                             | 01621              | 84362  | 86275  |  |                      |       |       |       |                                   |                    |  |  |  |     |                                   |                               |                |  |         |                |  |  |  |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

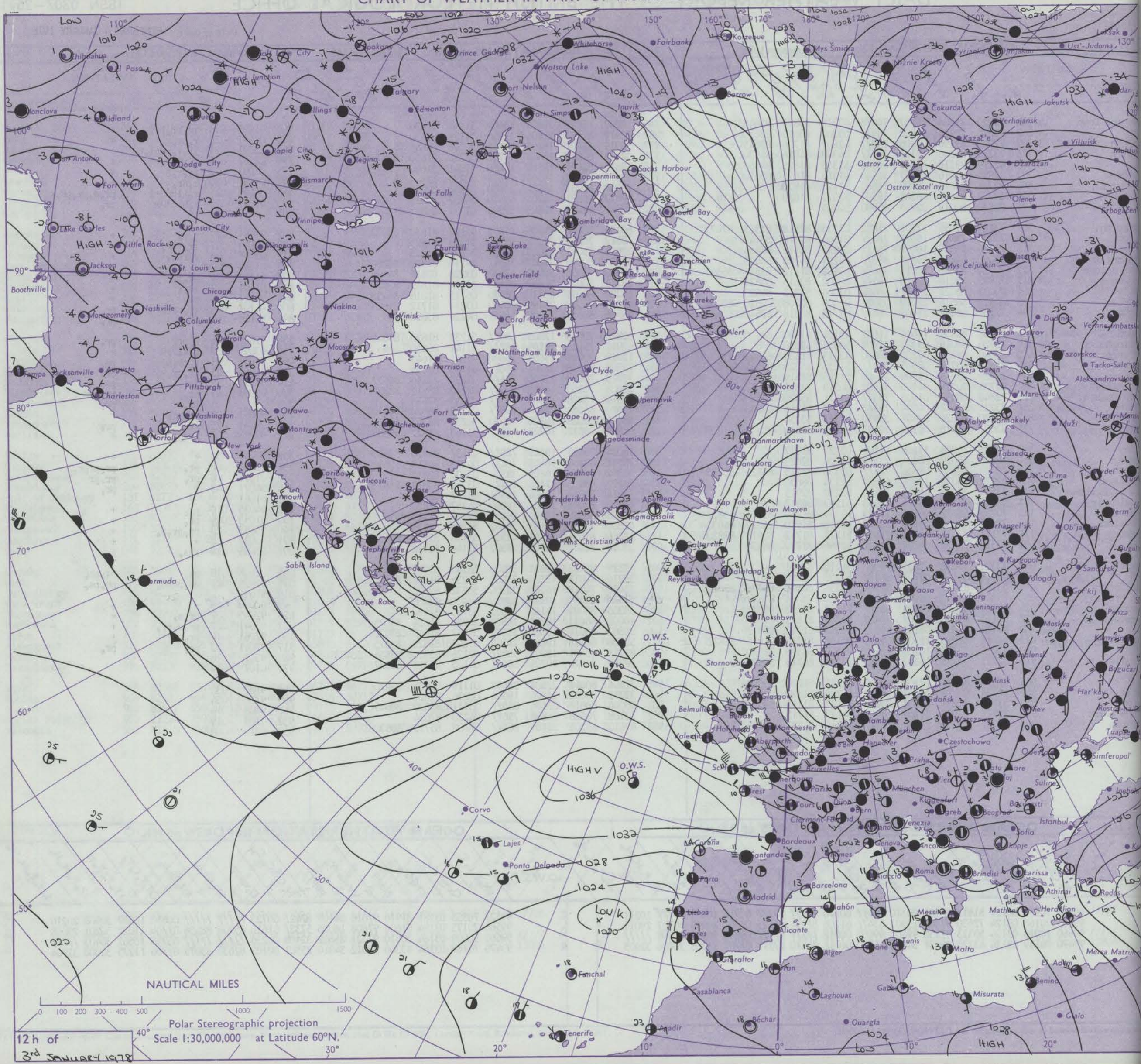
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Date of Issue WEDNESDAY 4 JANUARY 1978

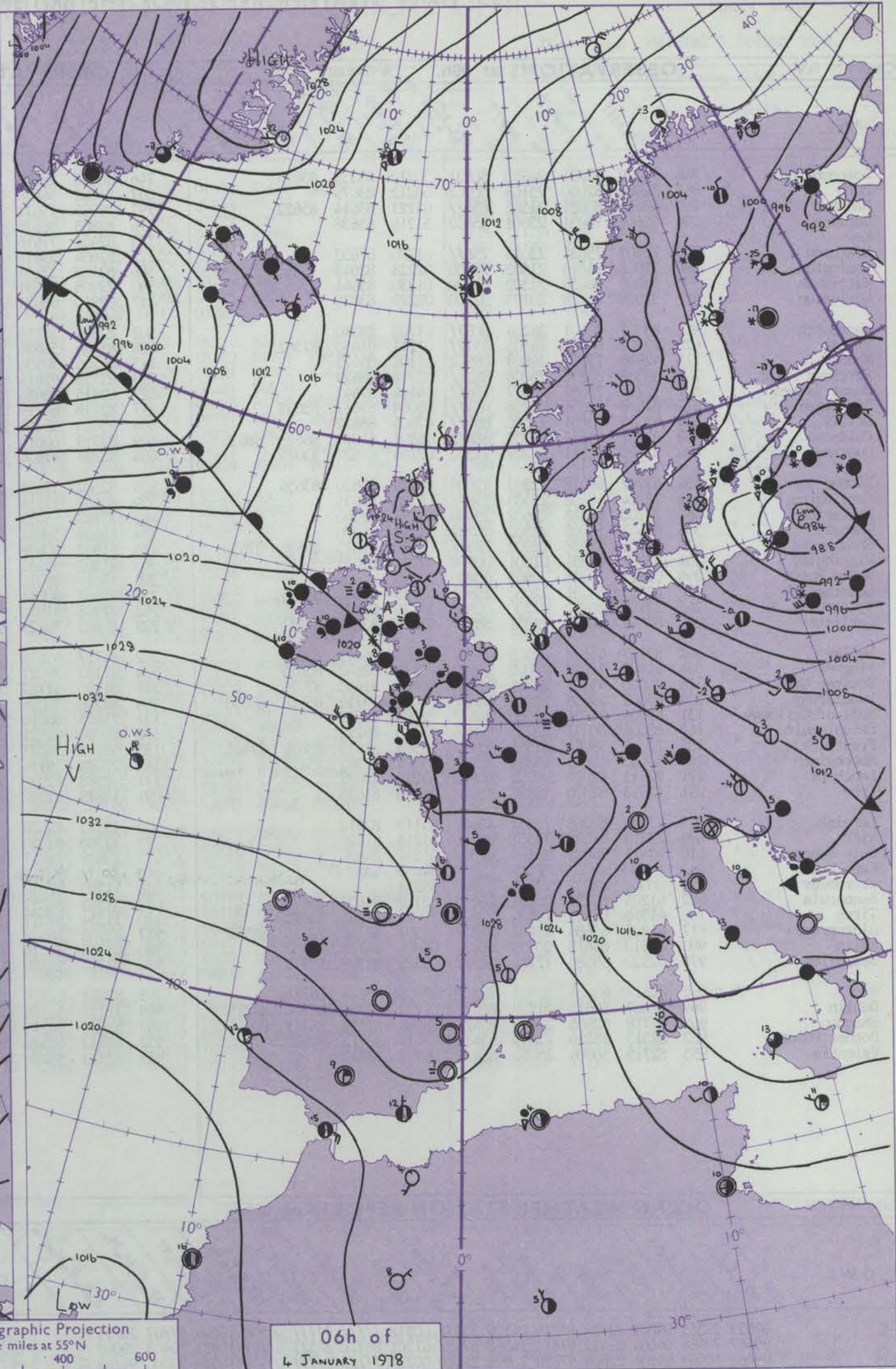
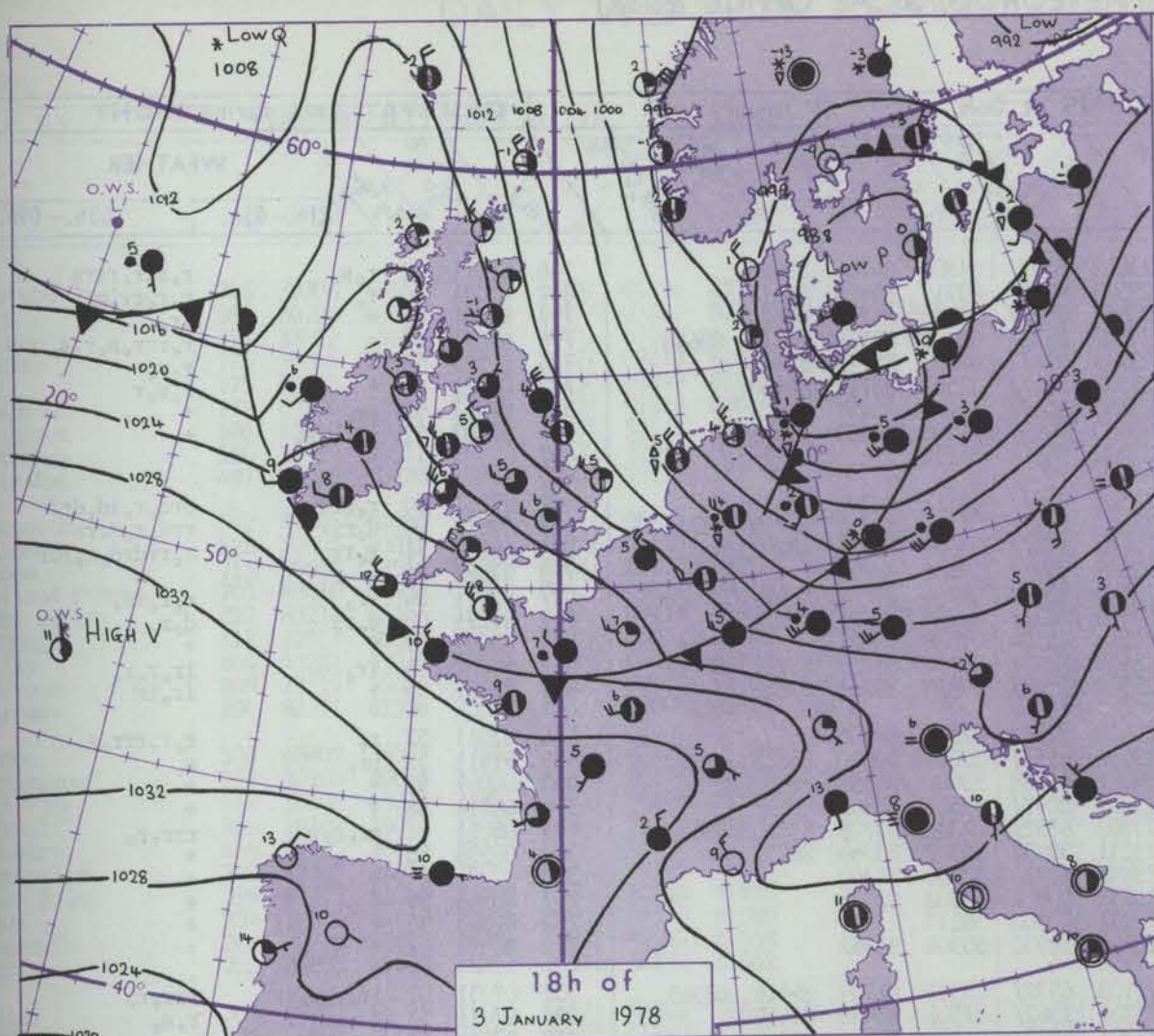
| de FM 11.V |  | OBSERVATIONS at 12h. |  |  |  |  |  |  |  |  |  | OBSERVATIONS at 18h. |  |  |  |  |  |  |  |  |  | OBSERVATIONS during DAY |  |  |  |  |
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|            |  | 3 January 1978       |  |  |  |  |  |  |  |  |  | 3 January 1978       |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |
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# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







Polar Stereographic Projection  
 Statute miles at 55°N  
 200 400 600  
 Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure remained high to the southwest of the British Isles. A shallow but deepening wave depression crossed northern districts and moved eastwards over the North Sea. Very strong southwesterly winds veered northwesterly during the

day, then decreased markedly overnight. During the next 24 hours the high pressure will persist to the southwest of the country. Pressure will remain low near Iceland, and a south to southwest airstream will be developed over the British Isles.

Issued at midday WEDNESDAY 4 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

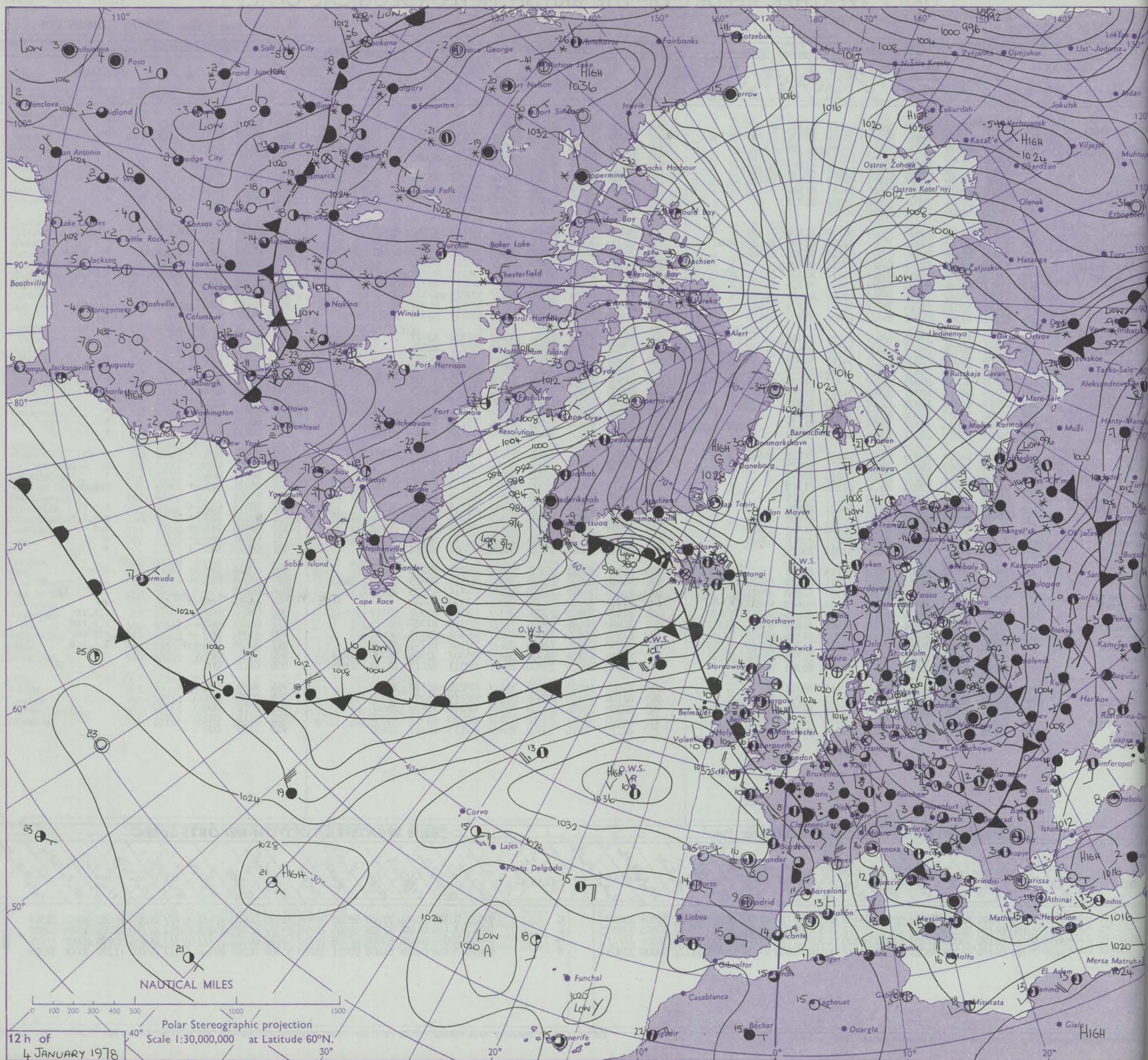
| Code FM 11.V OBSERVATIONS at 00h. 4 January 1978 |     |       |       |       |                                   |                                   |  |  |  | OBSERVATIONS at 06h. 4 January 1978 |       |       |       |                                   |                                   |  |  |  |       | OBSERVATIONS during NIGHT |   |   |  |  |  |
|--|-----|-------|-------|-------|-----------------------------------|-----------------------------------|--|--|--|-------------------------------------|-------|-------|-------|-----------------------------------|-----------------------------------|--|--|--|-------|---------------------------|---|---|--|--|--|
| Station  | ill | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill                                 | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill   | RRT <sub>n</sub> E        | T <sub>g</sub> T <sub>g</sub>                 | WEATHER   |  |  |  |
|  |     |       |       |       |                                   |                                   |  |  |  |                                     |       |       |       |                                   |                                   |  |  |  |       |                           |   | 21h.—03h.   | 03h.—09h.  |  |  |
| Boscombe Down                                    | 746 | 72709 | 82031 | 24003 | 50931                             | 50210                             | 85359  | 85075  |  | 746                                 | 80000 | 48696 | 23602 | 852//                             | 01809                             | 84704  | 88625  |  | 746   | 05011                     | 52  | r <sub>c</sub> s <sub>c</sub>                                 | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> rsrs                            |  |  |
| Hurn   | 862 | 32508 | 82030 | 25103 | 00902                             | 00212                             | 83075  |  |  | 862                                 | 81602 | 56616 | 23503 | 853//                             | 03719                             | 85708  | 88614  |  | 862   | 05021                     | 50  | r <sub>c</sub>  | r <sub>c</sub> r <sub>c</sub> rr <sub>c</sub> r <sub>c</sub>                 |  |  |
| Manston  | 797 | 63115 | 80021 | 21505 | 654//                             | 01221                             | 83614  | 85622  |  | 797                                 | 72905 | 75011 | 23603 | 753//                             | 02106                             | 81709  | 87620  |  | 797   | 97031                     | 01  | +   | ir <sub>c</sub>  |  |  |
| Gatwick  | 776 | 52609 | 75031 | 23002 | 55602                             | 51219                             | 85638  |  |  | 776                                 | 82803 | 58636 | 24202 | 853//                             | 02103                             | 85708  | 86614  | 88640  | 776   | 02011                     | 53  | +   | r <sub>c</sub> rrr <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> |  |  |
| Kew  |     |       |       |       |                                   |                                   |  |  |  | 775                                 | 82401 | 57616 | 23703 | 854//                             | 02203                             | 85712  | 88645  |  | 775   | 01021                     | 53  | +   | r <sub>c</sub> r <sub>c</sub>  |  |  |
| Heathrow   | 772 | 72807 | 75031 | 23003 | 756//                             | 01220                             | 87632  |  |  | 772                                 | 82604 | 59616 | 24003 | 854//                             | 02502                             | 83712  | 88650  |  | 772   | 01021                     | 51  | +   | r <sub>c</sub> r <sub>c</sub> r  |  |  |
| Honington  | 586 | 22808 | 56018 | 21402 | 25600                             | 02228                             | 82645  |  |  | 586                                 | 83102 | 37101 | 23550 | 8087//                            | 51108                             | 88457  |  | 586  | 97513 | 53                        | pr <sub>c</sub>                               | +   |  |  |  |
| Wattisham  | 590 | 53009 | 58038 | 21302 | 55600                             | 01230                             | 85641  |  |  | 590                                 | 72905 | 57031 | 23400 | 7093//                            | 51208                             | 87360  |  | 590  | 92503 | 52                        | pr <sub>c</sub> r <sub>c</sub> s <sub>c</sub> | +   |  |  |  |
| Gorleston  | 497 | 32908 | 66028 | 20103 | 32500                             | 02229                             | 83820  |  |  | 497                                 | 02910 | 66021 | 23002 | 00900                             | 51212                             |  |  |  | 497   |                           |   |   |  |  |  |
| Aberporth  | 502 | 83007 | 70601 | 24204 | 8097//                            | 01703                             | 88360  |  |  | 502                                 | 82620 | 30216 | 20508 | 853//                             | 08712                             | 84708  | 88620  |  | 502   | 07031                     | 50  | r <sub>c</sub> rrdr   | drd <sub>c</sub> r <sub>c</sub> id <sub>c</sub> drf                          |  |  |
| Filton   | 628 | 72709 | 80031 | 24305 | 1577//                            | 01211                             | 81650  | 87362  |  | 628                                 | 81006 | 56636 | 23502 | 872//                             | 01511                             | 83705  | 86768  | 88711  | 628   | 07011                     | 00  | d <sub>c</sub> r <sub>c</sub> r                               | rrd <sub>c</sub> r <sub>c</sub> drfs   |  |  |
| Rhoose   | 715 | 42906 | 75030 | 24603 | 00902                             | 01108                             | 84075  |  |  | 715                                 | 80706 | 30636 | 22403 | 870//                             | 03615                             | 83701  | 88702  |  | 715   | 06021                     | 51  | r <sub>c</sub> rr <sub>c</sub>                                | r <sub>c</sub> rrdrd <sub>c</sub> r <sub>c</sub> drf                         |  |  |
| Hartland Point                                   | 703 | 83308 | 80258 | 25008 | 855//                             | 05702                             | 88629  |  |  | 703                                 | 83119 | 62616 | 22509 | 872//                             | 09606                             | 88705  |  | 703  | 97082 | 06                        | +   | +   |  |  |  |
| Mount Batten                                     | 827 | 72705 | 75032 | 26607 | 756//                             | 04104                             | 87642  |  |  | 827                                 | 82815 | 58616 | 23409 | 854//                             | 09714                             | 85712  | 88616  |  | 827   | 95071                     | 04  | ir <sub>c</sub>   | r <sub>c</sub> r <sub>c</sub> id <sub>c</sub>                                |  |  |
| St. Mawgan                                       | 817 | 82608 | 80031 | 26708 | 854//                             | 05004                             | 85617  | 88633  |  | 817                                 | 82718 | 60216 | 24409 | 863//                             | 09710                             | 88706  |  | 817  | 01071 | 05                        | d <sub>c</sub> r <sub>c</sub>                 | d <sub>c</sub> r <sub>c</sub>                                 |  |  |  |
| Scilly   | 804 | 83015 | 70031 | 27510 | 854//                             | 07806                             | 88612  |  |  | 804                                 | 43024 | 65011 | 26310 | 45500                             | 07806                             | 84621  |  | 804  | 00091 | 07                        | +   | +   |  |  |  |
| Culdrose   | 809 | 82707 | 65031 | 27307 | 884//                             | 06801                             | 81814  | 86620  | 88630  | 809                                 | 82919 | 60616 | 25109 | 873//                             | 08714                             | 81709  | 83710  | 88712  | 809   | 96062                     | 04  | ir <sub>c</sub>   | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                                |  |  |
| Guernsey   | 894 | 33015 | 81011 | 27207 | 11502                             | 02104                             | 81820  | 83075  |  | 894                                 | 82821 | 62606 | 25309 | 854//                             | 09615                             | 85711  | 87620  |  | 894   | 92071                     | 05  | +   | ir <sub>c</sub> ir   |  |  |
| Elmdon   | 534 | 43202 | 66018 | 22502 | 45600                             | 01122                             | 82630  | 83656  |  | 534                                 | 82502 | 57636 | 23403 | 873//                             | 02500                             | 88706  |  | 534  | 02011 | 52                        | r <sub>c</sub>                                | r <sub>c</sub> r <sub>c</sub> rrr <sub>c</sub> s <sub>c</sub> |  |  |  |
| Cardington                                       | 559 | 72704 | 68038 | 22403 | 756//                             | 02226                             | 87635  |  |  | 559                                 | 80402 | 57216 | 23902 | 855//                             | 02001                             | 83620  | 88648  |  | 559   | 91011                     | 52  | pr <sub>c</sub>   | r <sub>c</sub>   |  |  |
| Wittering  | 462 | 23208 | 62018 | 22602 | 25600                             | 01127                             | 82640  |  |  | 462                                 | 73103 | 65011 | 24001 | 60938                             | 53000                             | 86358  | 86270  |  | 462   | 00001                     | 52  | +   | +  |  |  |
| Watnall  | 354 | 43605 | 50048 | 22502 | 00902                             | 51121                             | 84070  |  |  | 354                                 | 82403 | 56041 | 23801 | 8097//                            | 52500                             | 88362  |  | 354  | 00511 | 56                        | +   | +   |  |  |  |
| Shawbury   | 414 | 72706 | 72038 | 22902 | 785//                             | 00120                             | 81825  | 84630  | 87650  | 414                                 | 81602 | 60636 | 23702 | 6532//                            | 02303                             | 83708  | 85620  | 88458  | 414   | 06011                     | 01  | pr <sub>c</sub> r <sub>c</sub> rR                             | rrr <sub>c</sub> r <sub>c</sub>  |  |  |
| Finningley                                       | 360 | 52902 | 68031 | 21801 | 00904                             | 52222                             | 85075  |  |  | 360                                 | 81302 | 60012 | 23151 | 30937                             | 52302                             | 83360  | 88275  |  | 360   | 00533                     | 58  | +   | +  |  |  |
| Spurn Point                                      | 396 | 02917 | 75028 | 20603 | 00900                             | 53125                             |  |  |  | 396                                 | 13010 | 80010 | 23201 | 10970                             | 53208                             | 81360  |  | 396  |       |                           | +   | +   |  |  |  |
| Leeming  | 257 | 62805 | 80031 | 22050 | 15604                             | 53119                             | 81630  | 86075  |  | 257                                 | 23402 | 80011 | 23852 | 00902                             | 53208                             | 82075  |  | 257  | 00543 | 59                        | +   | +   |  |  |  |
| Tynemouth  | 262 | 22709 | 80020 | 21200 | 00908                             | 53120                             | 82275  |  |  | 262                                 | 02908 | 81020 | 24051 | 00900                             | 58213                             |  |  |  | 262   | 00523                     | 55  | +   | +  |  |  |
| Carlisle   | 222 | 82002 | 60031 | 21851 | 30937                             | 52114                             | 83362  | 88270  |  | 222                                 | 10503 | 70021 | 23654 | 10930                             | 55308                             | 81362  |  | 222  | 00553 | 61                        | +   | +   |  |  |  |
| Valley   | 302 | 83103 | 65602 | 22405 | 4547//                            | 03003                             | 84615  | 88458  |  | 302                                 | 80707 | 65616 | 22103 | 6532//                            | 03301                             | 81709  | 86614  | 88545  | 302   | 07031                     | 00  | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub> rr              | rrr <sub>c</sub> r <sub>c</sub>  |  |  |
| Ringway  | 334 | 61802 | 70038 | 23002 | 25602                             | 02118                             | 82640  | 85075  |  | 334                                 | 81103 | 70027 | 23702 | 2562//                            | 01501                             | 82630  | 88459  |  | 334   | 97011                     | 52  | +   | r <sub>c</sub> s <sub>c</sub>  |  |  |
| Squires Gate                                     | 318 | 70000 | 45101 | 21801 | 15732                             | 00105                             | 81650  | 87070  |  | 318                                 | 81205 | 57107 | 23301 | 4573//                            | 01205                             | 84650  | 87359  |  | 318   | 97513                     | 55  | r <sub>c</sub> s <sub>c</sub>                                 | r <sub>c</sub> s <sub>c</sub>  |  |  |
| Ronaldsway                                       | 204 | 83002 | 59608 | 21704 | 854//                             | 03005                             | 83714  | 85618  | 88650  | 204                                 | 80306 | 70026 | 22703 | 854//                             | 02306                             | 83711  | 83715  | 88650  | 204   | 07021                     | 00  | r <sub>c</sub> RRr  | rr <sub>c</sub>  |  |  |
| Mull of Galloway                                 | 131 | 81804 | 84031 | 21005 | 855//                             | 02003                             | 88625  |  |  | 131                                 | 71405 | 86016 | 22804 | 785//                             | 03207                             | 83820  | 87625  |  | 131   | 06021                     |   | +   | +  |  |  |
| Eskdalemuir                                      | 162 | 60000 | 80031 | 22755 | 00906                             | 56115                             | 86275  |  |  | 162                                 | 00000 | 81021 | 25259 | 00900                             | 61306                             |  |  |  | 162   | 00595                     | 64  | +   | +  |  |  |
| Prestwick  | 135 | 70000 | 58041 | 21351 | 3542//                            | 52305                             | 81615  | 83630  | 87465  | 135                                 | 00702 | 70021 | 23353 | 00900                             | 55313                             |  |  |  | 135   | 00533                     | 59  | +   | +  |  |  |
| Abbotsinch                                       | 140 | 60000 | 57041 | 21854 | 20938                             | 55307                             | 82362  | 85272  |  | 140                                 | 20000 | 30114 | 24357 | 00902                             | 58216                             | 82075  |  | 140  | 00573 | 64                        | if  | if  |  |  |  |
| Leuchars   | 171 | 22512 | 82020 | 20752 | 00902                             | 57212                             | 82072  |  |  | 171                                 | 02508 | 82020 | 24055 | 00900                             | 58214                             |  |  |  | 1     |                           |   |   |  |  |  |





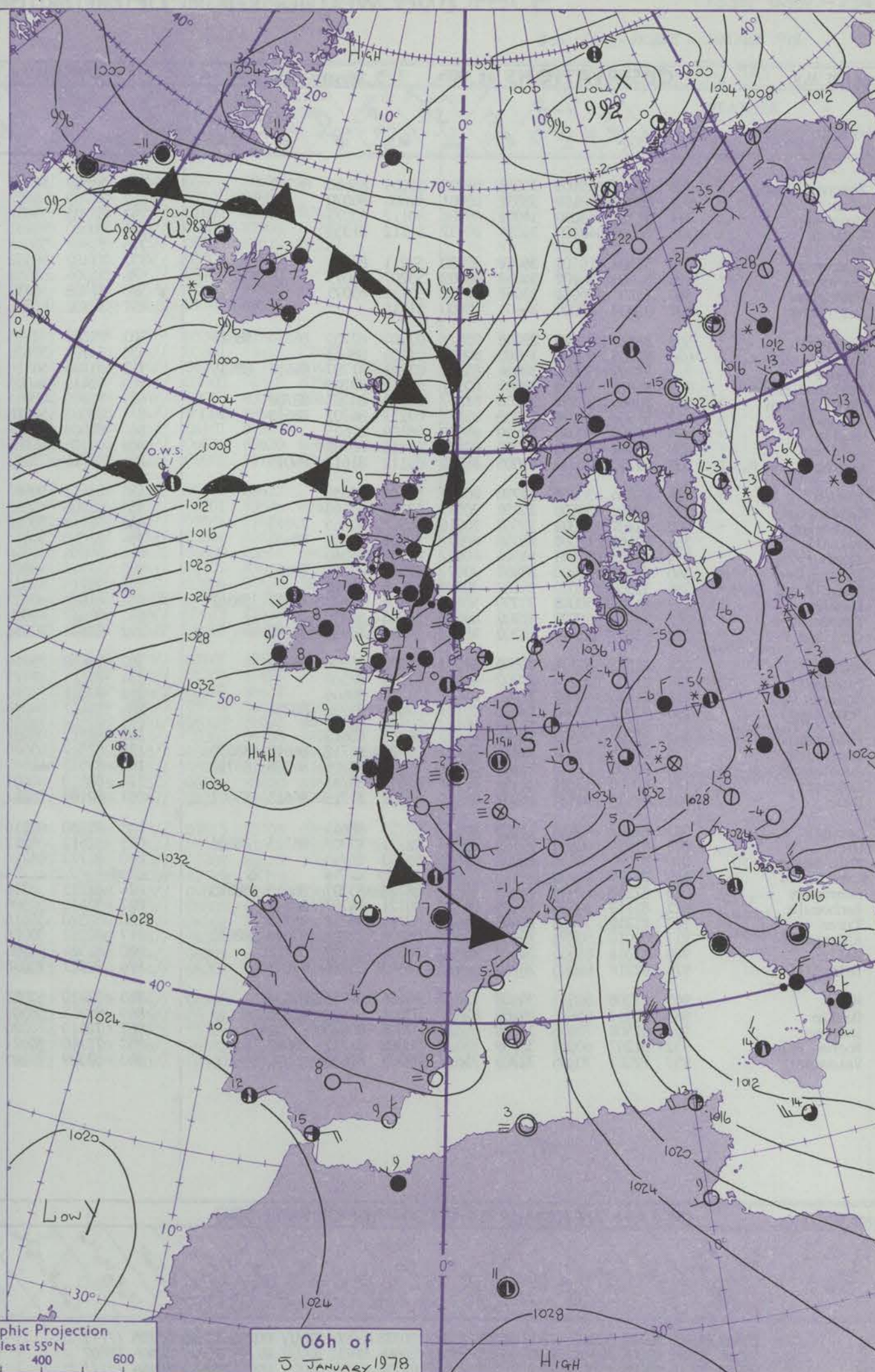
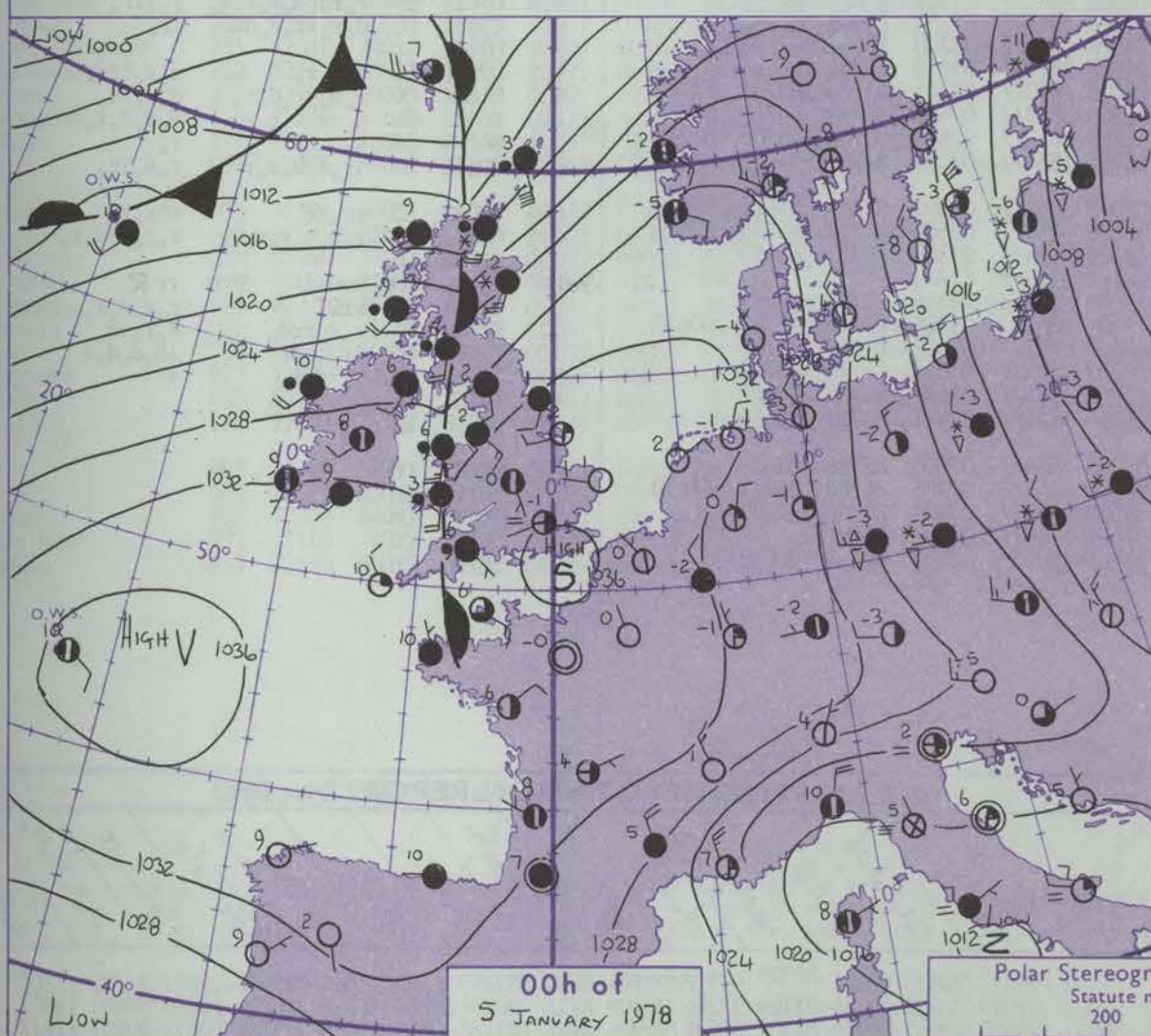
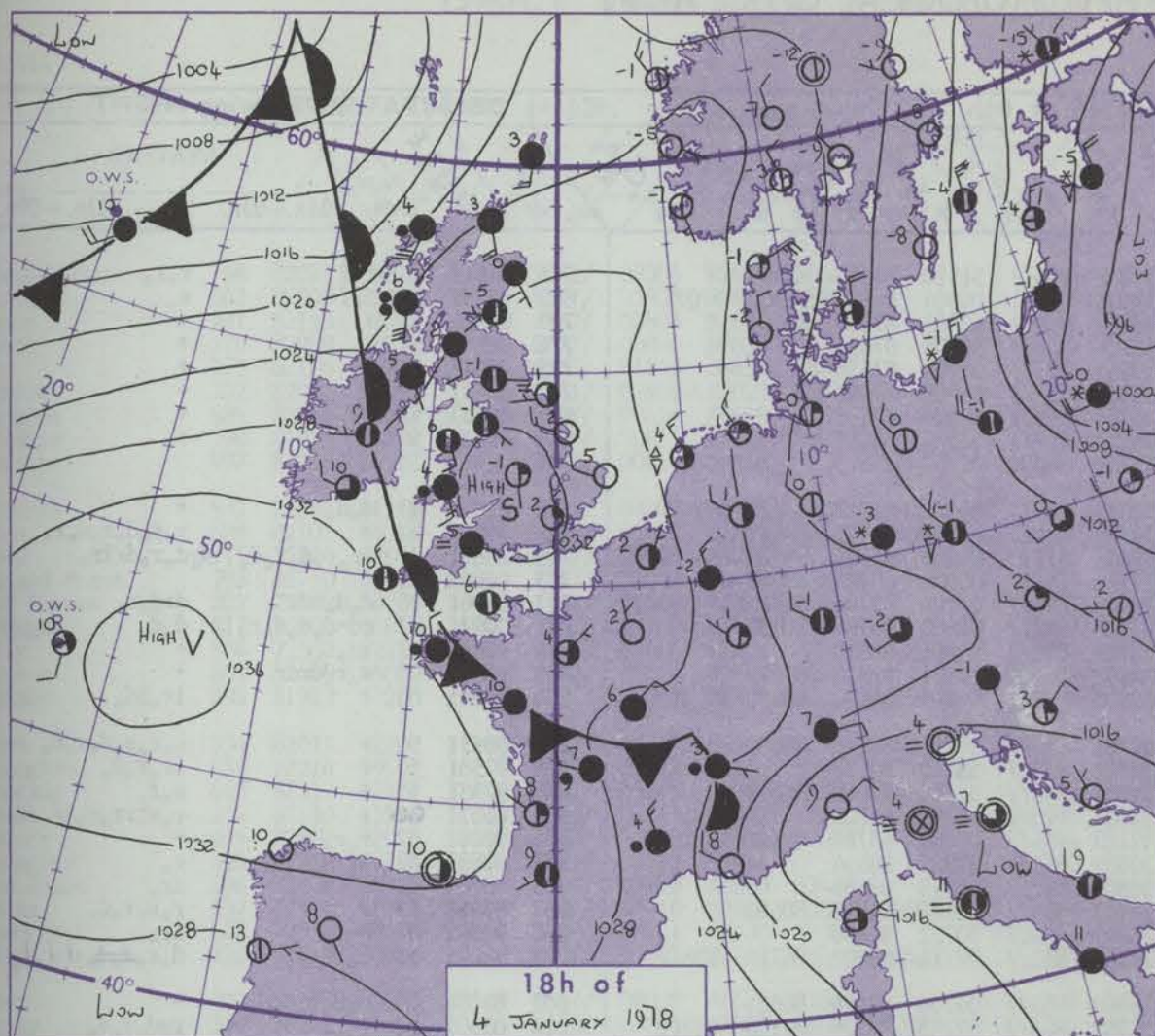


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a deep depression over the southeastern Baltic moved east filling slowly. A ridge of high pressure over the British Isles swung east across the North Sea in the north, while building steadily in the south to give a high cell over the English Channel. A depression southwest of Iceland moved slowly northeast and deepened, with an associated warm front remaining slow-moving in the south, but moving

east across Ireland into Scotland in the north. During the next 24 hours a new low is expected to break away from the old depression near Iceland, and the associated warm front will clear the British Isles and most of the North Sea. A further depression is expected to move northeast to Iceland. Pressure will remain high over France, to give a southwesterly flow over the British Isles.

Issued at midday THURSDAY 5 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |     | OBSERVATIONS at 00h. |       |       |                                   |                    |  |  |  | 5 January 1978 |       | OBSERVATIONS at 06h. |       |                                   |                    |  |  |  |     | 5 January 1978    |                | OBSERVATIONS during NIGHT |                       |        |  |  | FM II. |  |
|------------------|-----|----------------------|-------|-------|-----------------------------------|--------------------|--|--|--|----------------|-------|----------------------|-------|-----------------------------------|--------------------|--|--|--|-----|-------------------|----------------|---------------------------|-----------------------|--------|--|--|--------|--|
| Station          | iii | Nddff                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii            | Nddff | VVwwW                | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RT <sub>n</sub> E | T <sub>g</sub> | WEATHER                   |                       | ion    |  |  |        |  |
|                  |     |                      |       |       |                                   |                    |  |  |  |                |       |                      |       |                                   |                    |  |  |  |     |                   |                | 2lh.—03h.                 | 03h.—09h.             |        |  |  |        |  |
| Boscombe Down    | 746 | 61406                | 35104 | 35651 | 55708                             | 51009              | 85656  | 86272  |  | 746            | 81509 | 56052                | 34902 | 856//                             | 51510              | 84634  | 88645  |  | 746 | 94511             | 55             | fif                       | r.o.r.o.              | combe  |  |  |        |  |
| Hurn             | 862 | 60902                | 18114 | 35551 | 00901                             | 51008              | 86070  |  |  | 862            | 71709 | 58022                | 35606 | 45631                             | 04504              | 84647  | 86360  | 87075  | 862 | 97531             | 57             | fif                       | r.o.                  | n      |  |  |        |  |
| Manston          | 797 | 33310                | 63030 | 34901 | 00901                             | 50112              | 83075  |  |  | 797            | 82205 | 59031                | 36200 | 8097//                            | 52803              | 83360  | 88463  |  | 797 | 00511             | 54             | +                         | +                     | ston   |  |  |        |  |
| Gatwick          | 776 | 10000                | 40100 | 35854 | 10932                             | 55112              | 81358  |  |  | 776            | 70000 | 30101                | 36151 | 757//                             | 51705              | 87656  |  |  | 776 | 00543             | 59             | +                         | +                     | wick   |  |  |        |  |
| Kew              |     |                      |       |       |                                   |                    |  |  |  | 775            | 71901 | 50052                | 35651 | 757//                             | 51704              | 87656  |  |  | 775 | 00543             | 60             | +                         | +                     |        |  |  |        |  |
| Heathrow         | 772 | 52502                | 16101 | 36051 | 50930                             | 52211              | 85364  |  |  | 772            | 71102 | 40052                | 36100 | 757//                             | 50609              | 87650  |  |  | 772 | 00521             | 57             | +                         | +                     | throw  |  |  |        |  |
| Honington        | 586 | 52403                | 30102 | 34853 | 00902                             | 53207              | 85075  |  |  | 586            | 81906 | 50052                | 35001 | 857//                             | 52508              | 88656  |  |  | 586 | 00533             | 57             | +                         | +                     | ington |  |  |        |  |
| Wattisham        | 590 | 53107                | 56051 | 35051 | 00902                             | 53111              | 85075  |  |  | 590            | 81908 | 56052                | 35550 | 858//                             | 52507              | 88657  |  |  | 590 | 00523             | 56             | +                         | +                     | tisham |  |  |        |  |
| Gorleston        | 497 | 02808                | 66020 | 34601 | 00900                             | 51214              |  |  |  | 497            | 52102 | 66031                | 35302 | 55500                             | 01707              | 85625  |  |  | 497 |                   |                |                           | +                     | leston |  |  |        |  |
| Aberporth        | 502 | 81820                | 50516 | 32403 | 852//                             | 03304              | 82705  | 86710  | 88625  | 502            | 82009 | 58105                | 32805 | 854//                             | 05502              | 81710  | 85625  | 88656  | 502 | 01031             | 03             | d.o.d.                    | +                     | rorth  |  |  |        |  |
| Filton           | 628 | 81705                | 40052 | 35302 | 8092//                            | 01206              | 88463  |  |  | 628            | 81705 | 30586                | 34104 | 854//                             | 03507              | 85711  | 88618  |  | 628 | 94011             | 54             | +                         | r.o.r.o.d.o.r.o.      | rorth  |  |  |        |  |
| Rhoose           | 715 | 81109                | 50212 | 34604 | 853//                             | 03208              | 81707  | 86614  | 88635  | 715            | 81706 | 50516                | 33306 | 871//                             | 06508              | 81702  | 88710  |  | 715 | 02031             | 01             | ir.o.r.d.o.r.d.o.         | d.o.r.o.drfr.o.       | ose    |  |  |        |  |
| Hartland Point   | 703 | 81818                | 50606 | 32909 | 873//                             | 06312              | 88709  |  |  | 703            | 82410 | 84025                | 33209 | 853//                             | 08302              | 85709  | 88640  |  | 703 | 01061             | 05             | +                         | +                     | land   |  |  |        |  |
| Mount Batten     | 827 | 80904                | 28536 | 34106 | 872//                             | 06205              | 84703  | 88706  |  | 827            | 81309 | 40216                | 33708 | 873//                             | 07708              | 83708  | 88713  |  | 827 | 03061             | 05             | d.o.d.d.r                 | drd.r.o.              | nt Ba  |  |  |        |  |
| St. Mawgan       | 817 | 81508                | 35516 | 33808 | 851//                             | 07211              | 86702  | 88610  |  | 817            | 83003 | 56016                | 33808 | 852//                             | 08603              | 83704  | 88630  |  | 817 | 04071             | 07             | rd-d.o.d.o.r.o.           | d.o.d.                | Mawgan |  |  |        |  |
| Scilly           | 804 | 23308                | 62015 | 34010 | 25500                             | 08109              | 82625  |  |  | 804            | 82809 | 72021                | 34509 | 856//                             | 04801              | 88630  |  |  | 804 | 97091             | 07             | id.                       | +                     | lly    |  |  |        |  |
| Culdrose         | 809 | 83302                | 30596 | 33709 | 871//                             | 09211              | 88702  |  |  | 809            | 53106 | 64106                | 34108 | 58400                             | 07501              | 82818  | 85630  |  | 809 | 01072             | 05             | d.o.r.d.rdr               | +                     | drose  |  |  |        |  |
| Guernsey         | 894 | 61413                | 78031 | 35006 | 15402                             | 03112              | 81612  | 86075  |  | 894            | 81716 | 75022                | 35505 | 855//                             | 04103              | 81620  | 88650  |  | 894 | 97051             | 03             | +                         | ir.o.id.              | rnsey  |  |  |        |  |
| Elmdon           | 534 | 71604                | 30041 | 34750 | 7095//                            | 51004              | 87359  |  |  | 534            | 81911 | 50687                | 33201 | 854//                             | 51710              | 86618  | 88650  |  | 534 | 93521             | 56             | +                         | s.o.r.s.o.d.o.r.d.o.  | don    |  |  |        |  |
| Cardington       | 559 | 72302                | 58101 | 35752 | 7091//                            | 53309              | 87463  |  |  | 559            | 82008 | 75022                | 34102 | 857//                             | 52816              | 88656  |  |  | 559 | 97531             | 57             | +                         | ir.o.r.s.o.           | dingto |  |  |        |  |
| Wittering        | 462 | 72807                | 62031 | 35552 | 20916                             | 54307              | 82465  | 87273  |  | 462            | 82113 | 70022                | 34101 | 854//                             | 52710              | 83618  | 88642  |  | 462 | 97531             | 55             | +                         | s.o.r.                | tering |  |  |        |  |
| Watnall          | 354 | 82402                | 15051 | 35350 | 8097//                            | 53306              | 83360  | 88463  |  | 354            | 82010 | 50627                | 32701 | 873//                             | 51714              | 88708  |  |  | 354 | 01521             | 60             | +                         | r.o.s.o.r.r.o.r.o.ir. | mall   |  |  |        |  |
| Shawbury         | 414 | 81705                | 35041 | 34003 | 8097//                            | 01500              | 88360  |  |  | 414            | 81806 | 56046                | 32103 | 854//                             | 03805              | 83710  | 88612  |  | 414 | 91011             | 52             | r.o.r.                    | +                     | wbury  |  |  |        |  |
| Finningley       | 360 | 81803                | 12104 | 33851 | 30977                             | 52201              | 83361  | 88272  |  | 360            | 81915 | 58602                | 30302 | 855//                             | 51821              | 88624  |  |  | 360 | 97531             | 57             | if                        | r.o.                  | ningl  |  |  |        |  |
| Spurn Point      | 396 | 32608                | 62020 | 34102 | 30970                             | 50208              | 83360  |  |  | 396            | 81715 | 62021                | 31802 | 857//                             | 51715              | 88656  |  |  | 396 |                   |                | +                         | ir.o.                 | rn Poi |  |  |        |  |
| Leeming          | 257 | 81707                | 50042 | 33250 | 5565//                            | 52801              | 83637  | 85657  | 88362  | 257            | 81811 | 60027                | 28703 | 854//                             | 01618              | 84612  | 88620  |  | 257 | 97531             | 57             | +                         | r.o.s.o.r.d.o.        | ming   |  |  |        |  |
| Tynemouth        | 262 | 82015                | 69021 | 31802 | 856//                             | 51804              | 88630  |  |  | 262            | 82017 | 69606                | 26303 | 8092//                            | 50722              | 88458  |  |  | 262 | 97002             | 51             | +                         | ir.o.                 | emout  |  |  |        |  |
| Carlisle         | 222 | 81609                | 65022 | 29102 | 856//                             | 54815              | 84633  | 88650  |  | 222            | 82514 | 30536                | 25207 | 853//                             | 07714              | 83707  | 86712  | 88617  | 222 | 95011             | 51             | r.o.                      | d.o.r.o.d.o.d.o.      | lisle  |  |  |        |  |
| Valley           | 302 | 81825                | 57516 | 30606 | 873//                             | 05702              | 86706  | 88712  |  | 302            | 62418 | 75016                | 29309 | 655//                             | 07706              | 82626  | 86635  |  | 302 | 01051             | 03             | drd.r.o.d.o.d.o.          | +                     | ley    |  |  |        |  |
| Ringway          | 334 | 81608                | 56044 | 34002 | 8093//                            | 55303              | 88360  |  |  | 334            | 81815 | 45217                | 30702 | 863//                             | 02713              | 83706  | 87708  | 88712  | 334 | 01501             | 53             | r.o.s.o.                  | rsd.r.o.d.o.          | gway   |  |  |        |  |
| Squires Gate     | 318 | 81413                | 40042 | 31802 | 856//                             | 51705              | 88646  |  |  | 318            | 81811 | 58216                | 29004 | 854//                             | 03711              | 82612  | 88624  |  | 318 | 01021             | 55             | r.o.rdrd.r.o.r.o.r.o.     | r.o.rir.              | ures   |  |  |        |  |
| Ronaldsway       | 204 | 82017                | 30586 | 28508 | 871//                             | 07814              | 83702  | 88704  |  | 204            | 82417 | 64216                | 27109 | 853//                             | 07808              | 82708  | 86710  | 88636  | 204 | 03061             | 05             | d.o.r.o.ir.o.d.o.dd       | ir.o.                 | aldswa |  |  |        |  |
| Mull of Galloway | 131 | 82130                | 58515 | 27107 | 863//                             | 07609              | 88707  |  |  | 131            | 82528 | 78035                | 25808 | 855//                             | 08708              | 88620  |  |  | 131 | 01071             |                |                           |                       | l of   |  |  |        |  |
| Eskdalemuir      | 162 | 81703                | 56702 | 29551 | 854//                             | 54815              | 88615  |  |  | 162            | 81911 | 08597                | 24903 | 870//                             | 03619              | 88701  |  |  | 162 | 07535             | 55             | s.o.r.o.                  | r.o.s.o.ffdr          | dalemu |  |  |        |  |
| Prestwick        | 135 | 81818                | 65607 | 25705 | 854//                             | 03723              | 81712  | 86618  | 88650  | 135            | 82317 | 60506                | 22708 | 872//                             | 07715              | 81705  | 83709  | 88712  | 135 | 01021             | 00             | r.o.s.o.ir.o.d.o.r.o.     | d.o.r.o.id.           | estwic |  |  |        |  |
| Abbotsinch       | 140 | 80507                | 11687 | 25900 | 873//                             | 50829              | 83706  | 84708  | 88712  | 140            | 82513 | 40587                | 21508 | 873//                             | 07617              | 82708  | 84711  | 88715  | 140 | 05511             | 56             | s.o.sr.s.o.r.o.s.o.       | d.o.r.d.o.r.drd.      | otsinc |  |  |        |  |
| Leuchars         | 171 | 90000                | 35722 | 26451 | 9//                               | 53823              | 89//   |  |  | 171            | 82410 | 60607                | 20203 | 852//                             | 02626              | 82705  | 85708  | 87712  | 171 | 94548             | 59             | s.o.                      | r.o.                  | chars  |  |  |        |  |
| Dyce             | 091 | 81924                | 50792 | 24002 | 854//                             | 54832              | 81710  | 84615  | 85622  | 091            | 82109 | 75217                | 16704 | 854//                             | 03634              | 81710  | 84625  | 88656  | 091 | 02515             | 55             | ir.o.s.o.h.o.s.o.r        | r.o.s.o.ir.           | ce     |  |  |        |  |
| Lerwick          | 005 | 81738                | 65618 | 13903 | 856//                             | 01759              | 88645  |  |  | 005            | 82620 | 60216                | 07908 | 852//                             | 08503              | 83704  | 85621  | 88641  | 005 | 07012             | 55             | pr.r.r                    | rrr.r.o.              | wick   |  |  |        |  |
| Wick             | 075 | 81924                | 60697 | 17102 | 853//                             | 02751              | 82707  | 86713  | 88636  | 075            | 82512 | 68217                | 13606 | 854//                             | 05505              | 81711  | 85715  | 88625  | 075 | 09012             | 51             | rsr.s.o.r.o.r.o.          | r.o                   |        |  |  |        |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

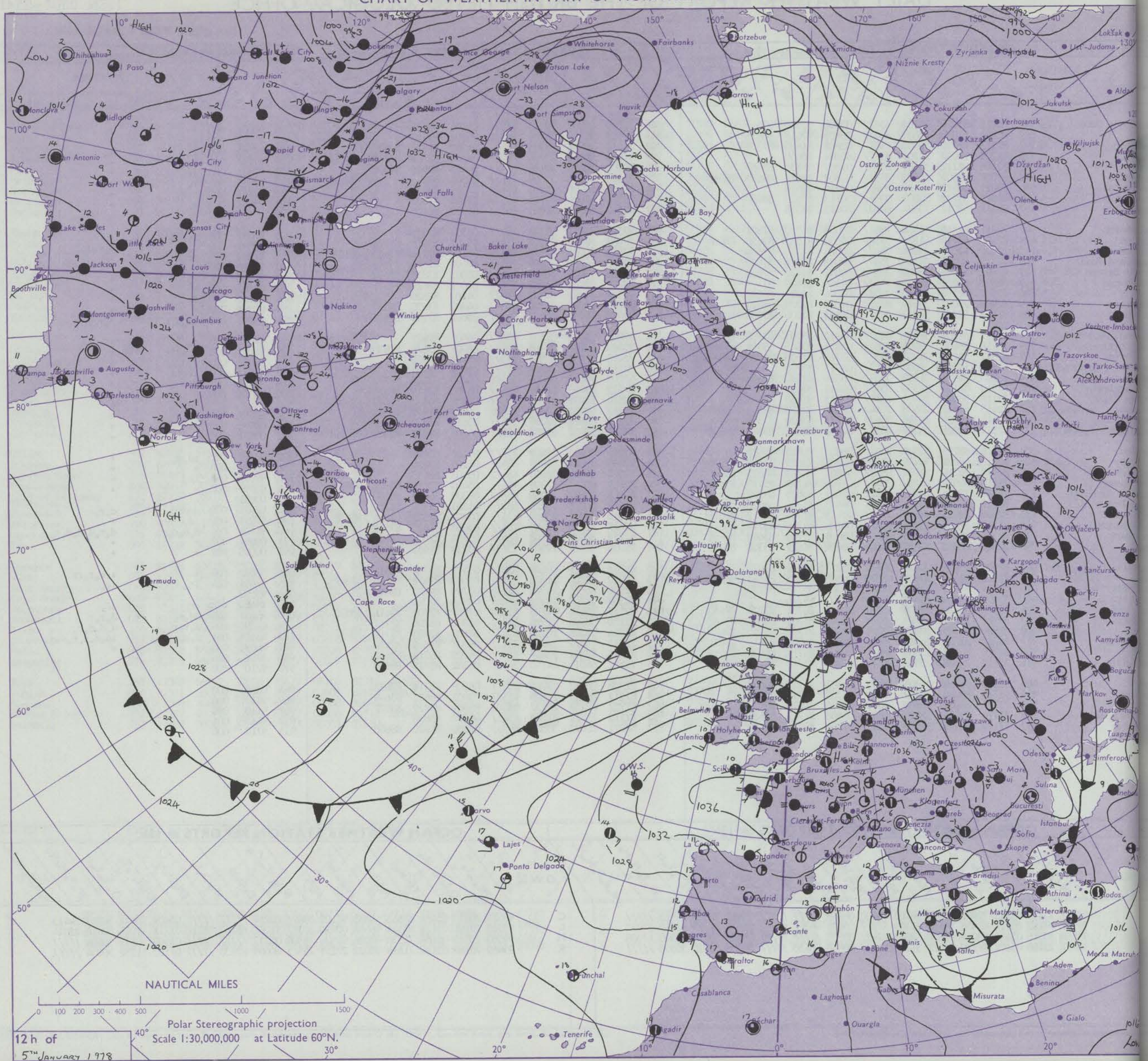
Date of Issue FRIDAY 6 JANUARY 1978

42414

| FM 11.V                         |                | OBSERVATIONS at 12h. 5 January 1978 |       |       |       |  |                                   |  |  |  |       | OBSERVATIONS at 18h. 5 January 1978 |       |       |  |                                   |  |  |  |       |       | OBSERVATIONS during DAY         |   |   |  |  |
|---------------------------------|----------------|-------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|-------|-------------------------------------|-------|-------|--|-----------------------------------|--|--|--|-------|-------|---------------------------------|---|---|--|--|
| Station                         |                | ill                                 | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill   | Nddff                               | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill   | RRT   | T <sub>x</sub> T <sub>x</sub> E | SSS   | WEATHER   |  |  |
|                                 |                |                                     |       |       |       |  |                                   |  |  |  |       |                                     |       |       |  |                                   |  |  |  |       |       |                                 |   | 09h.—15h.   | 15h.—21h.  |  |
| 3h.—09h.                        | combe Down     | 746                                 | 82011 | 65026 | 34705 | 7542//   | 03806                             | 82616  | 87645  |  | 746   | 82209                               | 56102 | 33206 | 855//  | 05804                             | 88626  |  |  |       | 746   | 00071                           | 000   | +   | +  |  |
|                                 | n              | 862                                 | 82005 | 62036 | 35607 | 854//  | 05805                             | 87618  | 88625  |  | 862   | 72505                               | 30102 | 34208 | 756//  | 07101                             | 87643  |  |  |       | 862   | 91081                           | 000   | r <sub>o</sub>  | +  |  |
|                                 | ston           | 797                                 | 82113 | 72022 | 36005 | 1557//   | 02808                             | 81625  | 87359  |  | 797   | 72114                               | 75026 | 33705 | 785//  | 01602                             | 81820  | 87635  |  |       | 797   | 97061                           | 000   | r <sub>o</sub>  | r <sub>o</sub>   |  |
|                                 | wick           | 776                                 | 82209 | 75032 | 35705 | 857//  | 00804                             | 88650  |  |  | 776   | 82206                               | 58046 | 33706 | 863//  | 04604                             | 82706  | 88707  |  |       | 776   | 91061                           | 000   | r <sub>o</sub>  | +  |  |
|                                 |                | 775                                 | 82106 | 62212 | 34705 | 6562//   | 01807                             | 86635  | 88460  |  | 775   | 72106                               | 70026 | 33106 | 755//  | 04605                             | 82620  | 87630  |  |       | 775   | 97071                           | 000   | ir <sub>o</sub>   | +  |  |
|                                 | throw          | 772                                 | 82007 | 59602 | 35405 | 5551//   | 02807                             | 82622  | 84630  | 88460  |       | 772                                 | 72008 | 62026 | 33606  | 756//                             | 05505  | 87635  |  |       | 772   | 97071                           | 001   | r <sub>o</sub>  | +  |  |
|                                 | ington         | 586                                 | 82011 | 58612 | 33403 | 854//  | 00614                             | 88616  |  |  | 586   | 82211                               | 62026 | 31205 | 856//  | 03704                             | 88630  |  |  | 586   | 97061 | 000                             | r <sub>o</sub> r <sub>o</sub>                 | +   |  |  |
| d <sub>o</sub> r <sub>o</sub> . | tisham         | 590                                 | 81913 | 59212 | 34003 | 885//  | 00813                             | 87620  | 88650  |  | 590   | 72315                               | 64026 | 31705 | 755//  | 01606                             | 87628  |  |  | 590   | 97051 | 000                             | r <sub>o</sub>                                | +   |  |  |
|                                 | leston         | 497                                 | 82216 | 58022 | 33804 | 8093//   | 00813                             | 88358  |  | 497  | 82112 | 60022                               | 31005 | 855// | 01705  | 88625                             |  |  | 497  |       | 000   |                                 |   |   |  |  |
|                                 | rporth         | 502                                 | 72311 | 81216 | 32908 | 754//  | 07000                             | 81710  | 87628  |  | 502   | 72311                               | 84012 | 32308 | 755//  | 06303                             | 87625  |  |  | 502   | 97091 | 001                             | d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub> | +   |  |  |
|                                 | ton            | 628                                 | 82105 | 63016 | 34107 | 7552//   | 05000                             | 85622  | 87650  | 88460  | 628   | 72508                               | 70016 | 33208 | 754//  | 05801                             | 83618  | 87628  |  |       | 628   | 97091                           | 000   | d <sub>o</sub>  | d <sub>o</sub> r <sub>o</sub> id <sub>o</sub>                              |  |
|                                 | ose            | 715                                 | 72310 | 62016 | 33909 | 754//  | 07004                             | 81710  | 87634  |  | 715   | 82508                               | 80218 | 33108 | 854//  | 06102                             | 82710  | 83615  | 88625  |       | 715   | 91091                           | 001   | pr <sub>o</sub>   | ir <sub>o</sub>  |  |
|                                 | tland Point    | 703                                 | 72710 | 82012 | 34509 | 754//  | 07009                             | 82710  | 87635  |  | 703   | 72618                               | 88258 | 33009 | 784//  | 07000                             | 82818  | 87641  |  |       | 703   | 97090                           | 000   |   |  |  |
|                                 | nt Batten      | 827                                 | 72902 | 58056 | 35409 | 785//  | 09009                             | 81820  | 87630  |  | 827   | 82408                               | 70022 | 34409 | 884//  | 05003                             | 83818  | 88632  |  |       | 827   | 91101                           | 001   | r <sub>o</sub>  | +  |  |
| r <sub>o</sub> d <sub>o</sub> . | Mawgan         | 817                                 | 72805 | 86022 | 35709 | 755//  | 07109                             | 87620  |  | 817  | 82006 | 82022                               | 34508 | 854// | 05001  | 88618                             |  |  | 817  | 00101 | 000   | +                               | +   |   |  |  |
|                                 | lly            | 804                                 | 72507 | 82152 | 35710 | 785//  | 06004                             | 82821  | 86628  |  | 804   | 72208                               | 81022 | 34509 | 755//  | 04101                             | 87620  |  |  | 804   | 00101 | 000                             | +   | +   |  |  |
|                                 | drose          | 809                                 | 82409 | 75022 | 35809 | 885//  | 06006                             | 82824  | 88627  |  | 809   | 82411                               | 66022 | 34508 | 855//  | 04802                             | 83620  | 88630  |  |       | 809   | 00091                           | 000   | +   | +  |  |
|                                 | rnsey          | 894                                 | 81913 | 57205 | 36607 | 862//  | 06803                             | 82704  | 87705  |  | 894   | 72408                               | 59216 | 35608 | 752//  | 08602                             | 82703  | 87625  |  |       | 894   | 93091                           | 000   | id <sub>o</sub> d <sub>o</sub> r <sub>o</sub> if            | d <sub>o</sub> r <sub>o</sub> d <sub>o</sub>                               |  |
|                                 | don            | 534                                 | 82011 | 42207 | 31906 | 852//  | 05812                             | 85705  | 83708  | 88645  | 534   | 82007                               | 60022 | 31107 | 855//  | 06501                             | 88622  |  |  | 534   | 97081 | 000                             | d <sub>o</sub>                                | +   |  |  |
|                                 | ington         | 559                                 | 72216 | 59607 | 33205 | 3567//   | 03813                             | 83645  | 85359  | 87462  | 559   | 72413                               | 60056 | 31906 | 755//  | 05701                             | 83626  | 87638  |  |       | 559   | 92071                           | 003   | r <sub>o</sub> s <sub>o</sub> ir <sub>o</sub>               | +  |  |
|                                 | tering         | 462                                 | 82317 | 58107 | 32404 | 853//  | 03715                             | 81708  | 86709  | 88645  | 462   | 72412                               | 58052 | 30807 | 755//  | 05501                             | 87623  |  |  | 462   | 93071 | 000                             | r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>  | +   |  |  |
| o.ir.                           | hall           | 354                                 | 82110 | 15506 | 31004 | 862//  | 04715                             | 88703  |  | 354  | 72312 | 56055                               | 29707 | 755// | 05801  | 87624                             |  |  | 354  | 97071 | 000   | ir <sub>o</sub> -d <sub>o</sub> | +   |   |  |  |
|                                 | wbury          | 414                                 | 72208 | 72025 | 31308 | 75532  | 06810                             | 82620  | 87645  | 414  | 52207 | 75012                               | 30006 | 35401 | 04000  | 83618                             | 84072  |  |  | 414   | 97091 | 001                             | d <sub>o</sub>                                | +   |  |  |
|                                 | ningley        | 360                                 | 81910 | 28106 | 29304 | 854//  | 03812                             | 88618  |  | 360  | 82112 | 58042                               | 28107 | 854// | 05701  | 83618                             | 88624  |  |  | 360   | 00081 | 000                             | +   | +   |  |  |
|                                 | rn Point       | 396                                 | 72118 | 58026 | 29404 | 6567//   | 03713                             | 86630  | 87460  |  | 396   | 82516                               | 58032 | 27606 | 4567//   | 05804                             | 84630  | 88460  |  |       | 396   |                                 | 000   | id <sub>o</sub>   | +  |  |
|                                 | ming           | 257                                 | 72415 | 68025 | 26608 | 25442  | 06710                             | 82618  | 86362  | 86073  | 257   | 72317                               | 84022 | 25408 | 15402  | 04803                             | 81612  | 87070  |  |       | 257   | 00091                           | 000   | +   | +  |  |
|                                 | mouth          | 262                                 | 72514 | 69026 | 24208 | 3567//   | 06711                             | 83630  | 87358  |  | 262   | 72525                               | 80022 | 22709 | 756//  | 05613                             | 87630  |  |  | 262   | 00091 | 000                             | +   | +   |  |  |
|                                 | lisle          | 222                                 | 82519 | 70025 | 25209 | 853//  | 07803                             | 82708  | 83618  | 88625  | 222   | 72514                               | 70032 | 25608 | 785//  | 06105                             | 82820  | 85626  | 87640  |       | 222   | 00091                           | 000   | +   | +  |  |
| dd <sub>o</sub> .               | ley            | 302                                 | 72316 | 80205 | 30509 | 754//  | 08002                             | 81618  | 87624  |  | 302   | 72221                               | 80022 | 29409 | 755//  | 07101                             | 87620  |  |  | 302   | 97101 | 001                             | id <sub>o</sub> d <sub>o</sub>                | +   |  |  |
|                                 | gway           | 334                                 | 72212 | 45045 | 30406 | 65502  | 05805                             | 82625  | 86640  | 87075  | 334   | 72409                               | 65032 | 29707 | 755//  | 05203                             | 87624  |  |  | 334   | 00091 | 008                             | +   | +   |  |  |
|                                 | ures Gate      | 318                                 | 82415 | 70216 | 29107 | 854//  | 07801                             | 82712  | 86625  | 88640  | 318   | 72514                               | 80012 | 28807 | 656//  | 05103                             | 86633  |  |  | 318   | 97091 | 003                             | ir <sub>o</sub>                               | +   |  |  |
|                                 | aldsday        | 204                                 | 72317 | 80032 | 28409 | 754//  | 07106                             | 81710  | 85715  | 87636  | 204   | 72412                               | 80032 | 27309 | 754//  | 05400                             | 83619  | 85622  | 87624  |       | 204   | 00091                           | 000   | +   | +  |  |
|                                 | ll of Galloway | 131                                 | 72318 | 78012 | 26909 | 3557//   | 08207                             | 83625  | 87360  |  | 131   | 82518                               | 82032 | 26008 | 6551//   | 06309                             | 86625  | 88460  |  |       | 131   | 00091                           | 000   |   |  |  |
|                                 | dalemuir       | 162                                 | 82113 | 35516 | 24907 | 852//  | 06103                             | 85704  | 88620  |  | 162   | 81912                               | 60026 | 25206 | 863//  | 05303                             | 86708  | 88712  |  |       | 162   | 02071                           | 000   | drdrd <sub>o</sub> r <sub>o</sub>                           | d <sub>o</sub> r <sub>o</sub>  |  |
|                                 | estwick        | 135                                 | 82308 | 70025 | 24609 | 7537//   | 07113                             | 81708  | 84712  | 86618  | 135   | 72318                               | 80022 | 23309 | 755//  | 05804                             | 82622  | 84626  | 86630  |       | 135   | 97091                           | 000   | id <sub>o</sub>   | +  |  |
| drd <sub>o</sub> .              | otsinch        | 140                                 | 72517 | 62806 | 23009 | 754//  | 08106                             | 82710  | 83714  | 86617  | 140   | 72618                               | 75216 | 22409 | 755//  | 05002                             | 81625  | 87632  |  |       | 140   | 91101                           | 000   | d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> | d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> |  |
|                                 | chars          | 171                                 | 72511 | 70016 | 20406 | 35312  | 05004                             | 81709  | 83640  | 85464  | 171   | 62213                               | 80012 | 20308 | 655//  | 05204                             | 83620  | 85626  |  |       | 171   | 00081                           | 001   | +   | +  |  |
|                                 | ce             | 091                                 | 72006 | 86012 | 17808 | 15548  | 05004                             | 81622  | 85358  | 87275  | 091   | 72005                               | 86022 | 17908 | 1567//   | 03210                             | 81635  | 87462  |  |       | 091   | 00095                           | 001   | +   | +  |  |
|                                 | rick           | 005                                 | 52524 | 60031 | 09707 | 28432  | 05213                             | 82811  | 83070  |  | 005   | 82326                               | 60216 | 08108 | 853//  | 07815                             | 85708  | 88614  |  |       | 005   | 02082                           | 000   | +   | irr <sub>o</sub> r <sub>o</sub> rr   |  |
|                                 | sk             | 075                                 | 72515 | 82026 | 14909 | 48538  | 06805                             | 81825  | 84645  | 86272  | 075   | 7231                                |       |       |  |                                   |  |  |  |       |       |                                 |   |   |  |  |

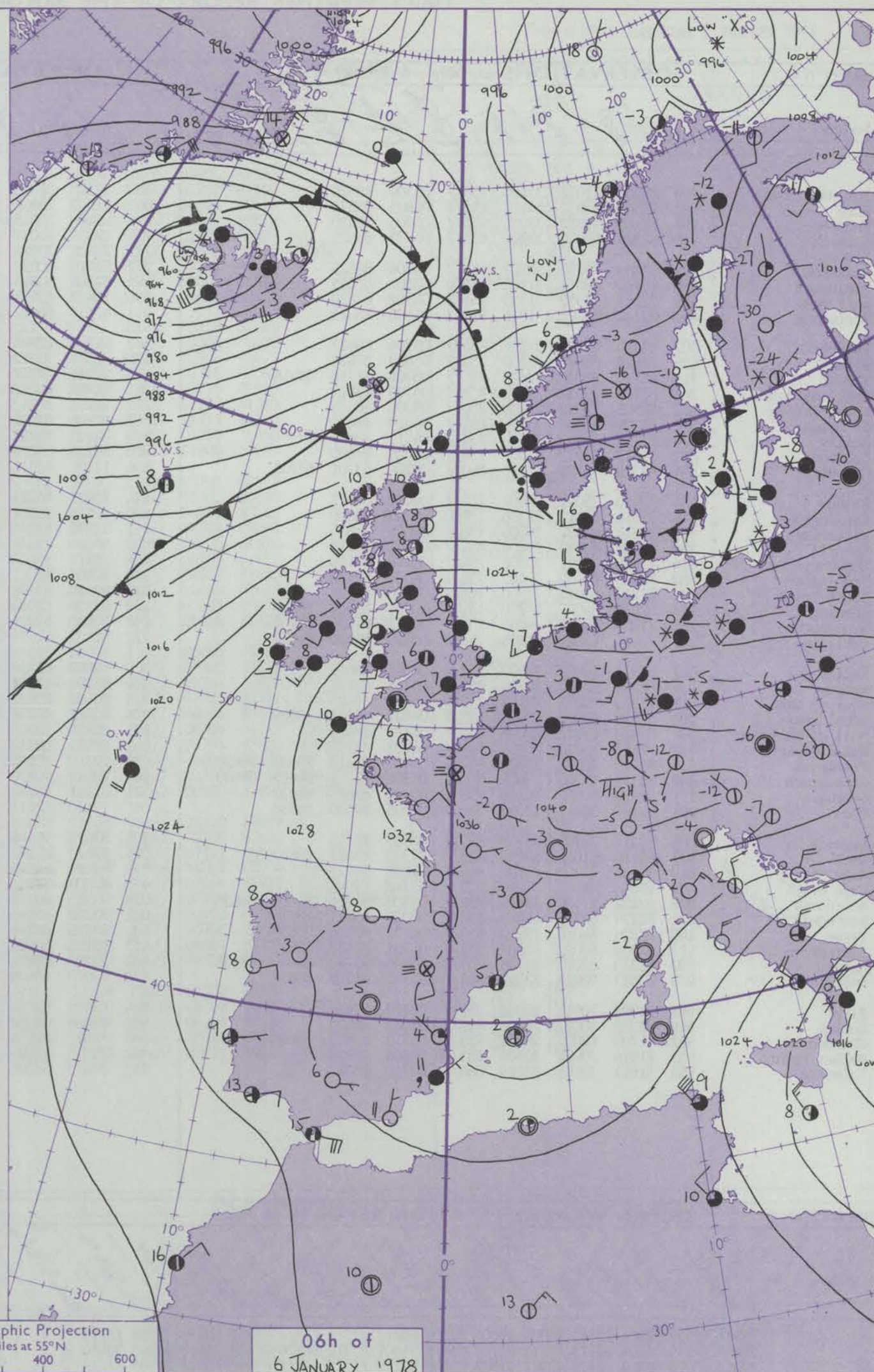
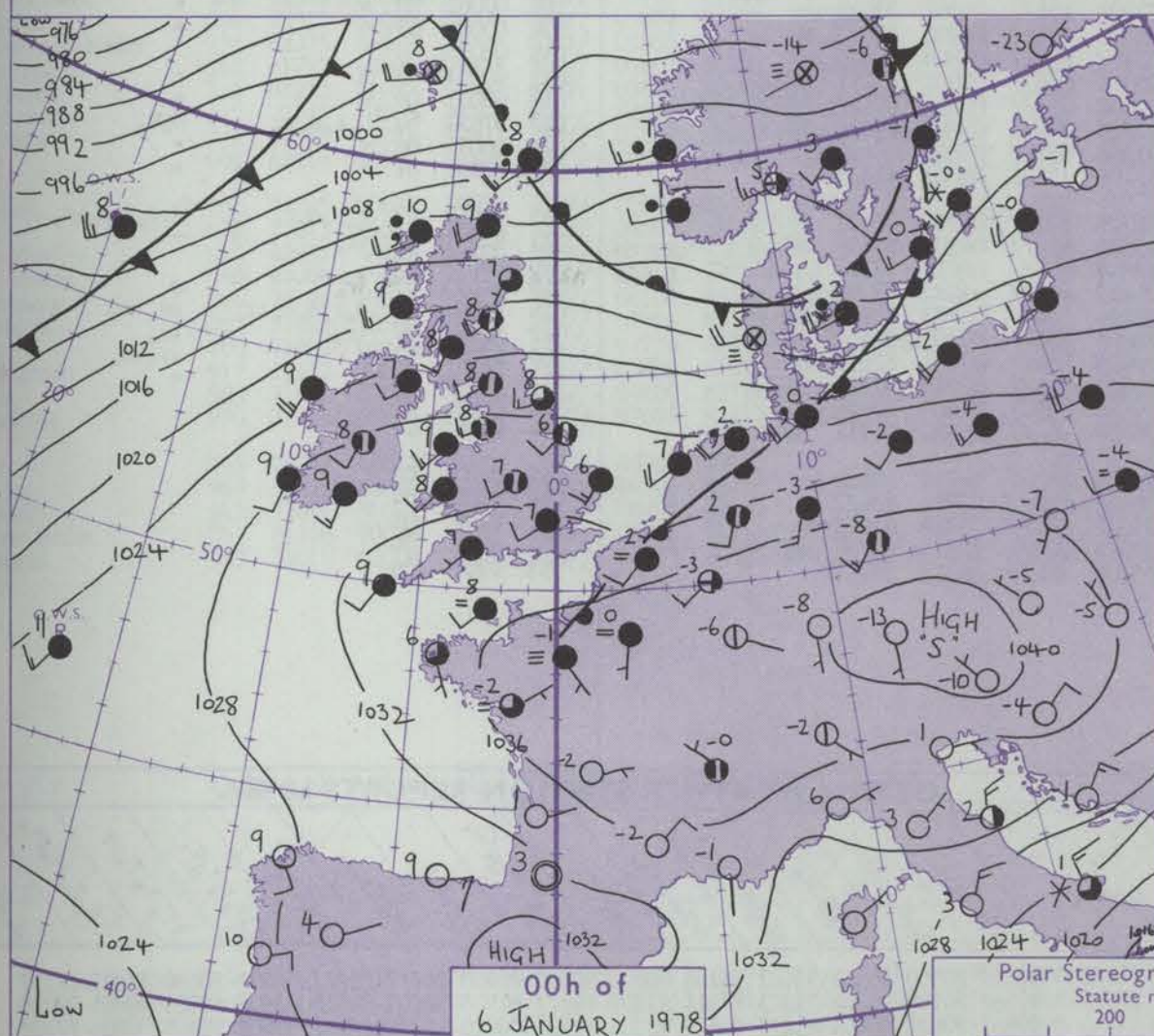
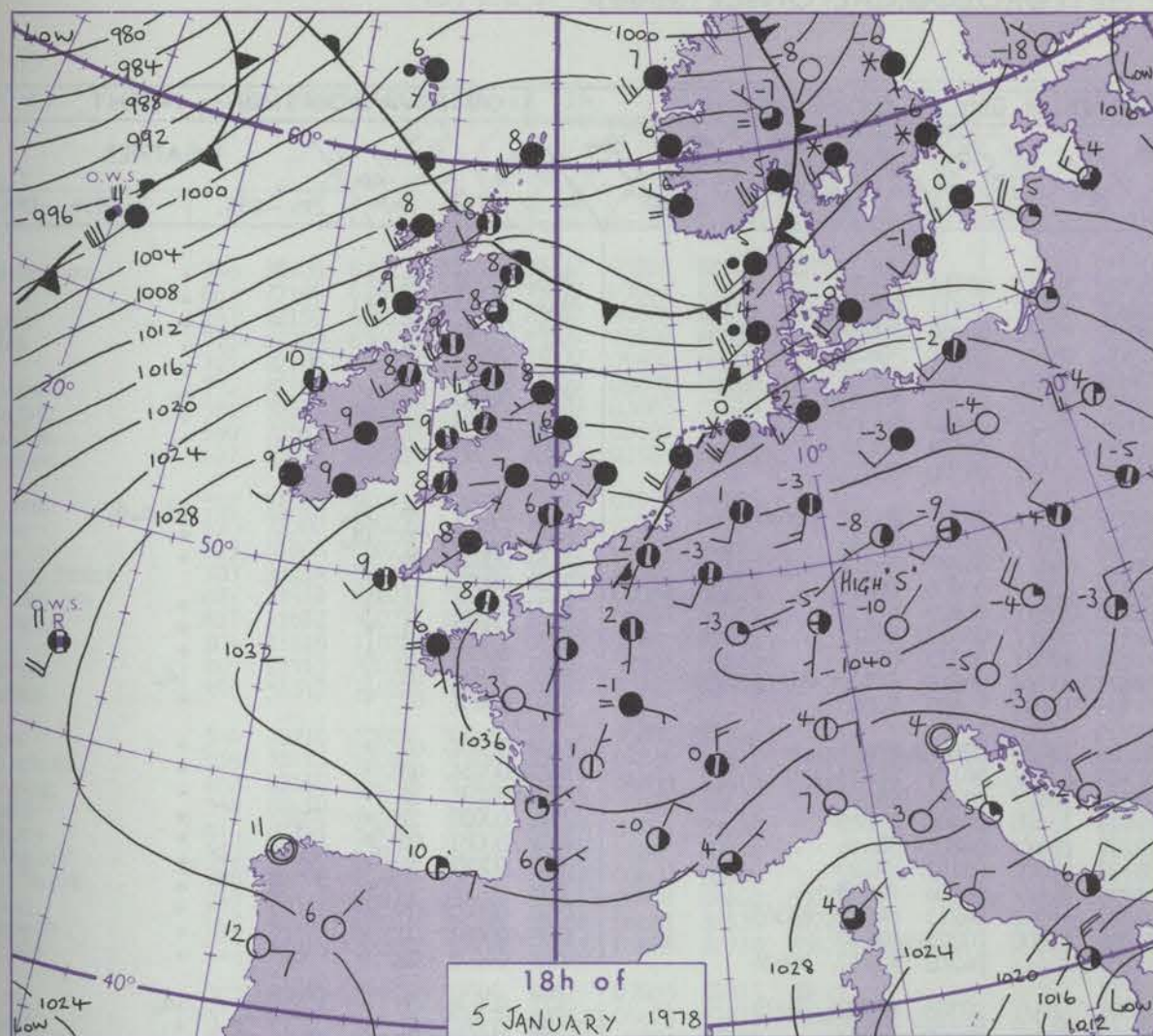


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT

An area of high pressure has moved southeast from the English Channel into central Europe during the past 24 hours, allowing a mild southwesterly airstream to displace any remaining cold air over eastern districts. Weak frontal troughs have also affected the far north. A deepening depression moved northnortheast towards western Iceland.

Issued at midday

FRIDAY 6 JANUARY 1978

The mild southwesterlies are expected to persist through the next 24 hours, with frontal troughs affecting northwestern districts later as the main low pressure centre transfers northeast across Iceland.



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. 6 JANUARY 1978 |     |       |       |       |                                    |                                   |  |  |  | OBSERVATIONS at 06h. 6 JANUARY 1978 |       |       |       |                                    |                                   |  |  |  |     | OBSERVATIONS during NIGHT         |                               |           |           |         |  | Code FM |
|-------------------------------------|-----|-------|-------|-------|------------------------------------|-----------------------------------|--|--|--|-------------------------------------|-------|-------|-------|------------------------------------|-----------------------------------|--|--|--|-----|-----------------------------------|-------------------------------|-----------|-----------|---------|--|---------|
| Station                             | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> ChC <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii                                 | Nddff | VVwwW | PPPTT | N <sub>h</sub> ChC <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER   |           | Station |  |         |
|                                     |     |       |       |       |                                    |                                   |  |  |  |                                     |       |       |       |                                    |                                   |  |  |  |     |                                   |                               | 21h.—03h. | 03h.—09h. |         |  |         |
| Boscombe Down.                      | 746 | 82508 | 82022 | 33107 | 855//                              | 03504                             | 88620  |  |  | 746                                 | 82206 | 81022 | 32405 | 855//                              | 03711                             | 88620  |  |  | 746 | 00051                             | 04                            | +         | +         | Bosco   |  |         |
| Hurn                                | 862 | 82508 | 75032 | 34108 | 855//                              | 04605                             | 88624  |  |  | 862                                 | 81802 | 75022 | 33107 | 855//                              | 04711                             | 88627  |  |  | 862 | 00061                             | 05                            | +         | +         | Hurn    |  |         |
| Manston                             | 797 | 82109 | 59032 | 33006 | 855//                              | 05705                             | 88620  |  |  | 797                                 | 82409 | 84022 | 33106 | 854//                              | 03000                             | 88616  |  |  | 797 | 00051                             | 03                            | +         | +         | Manst   |  |         |
| Gatwick                             | 776 | 82504 | 59042 | 33206 | 855//                              | 05705                             | 88625  |  |  | 776                                 | 82609 | 75022 | 32906 | 855//                              | 03805                             | 88620  |  |  | 776 | 00051                             | 04                            | +         | +         | Gatwi   |  |         |
| Kew                                 |     |       |       |       |                                    |                                   |  |  |  | 775                                 | 72409 | 70022 | 32407 | 755//                              | 02400                             | 87625  |  |  | 775 | 00071                             | 04                            | +         | +         | Kew     |  |         |
| Heathrow                            | 772 | 82409 | 75032 | 32907 | 855//                              | 04706                             | 88625  |  |  | 772                                 | 82410 | 80032 | 32807 | 855//                              | 03803                             | 88620  |  |  | 772 | 00061                             | 05                            | +         | +         | Heath   |  |         |
| Honington                           | 586 | 12106 | 58011 | 31105 | 15500                              | 03500                             | 81625  |  |  | 586                                 | 82308 | 60021 | 31106 | 854//                              | 03400                             | 88619  |  |  | 586 | 00041                             | 01                            | +         | +         | Honin   |  |         |
| Wattisham                           | 590 | 72311 | 57052 | 31505 | 755//                              | 04102                             | 87620  |  |  | 590                                 | 72412 | 65021 | 31506 | 754//                              | 03400                             | 87616  |  |  | 590 | 00041                             | 50                            | +         | +         | Watti   |  |         |
| Gorleston                           | 497 | 82114 | 60022 | 31006 | 855//                              | 04400                             | 88625  |  |  | 497                                 | 62310 | 60021 | 30806 | 655//                              | 04500                             | 88625  |  |  | 497 |                                   |                               |           |           | Gorle   |  |         |
| Aberporth                           | 502 | 82310 | 84022 | 32108 | 855//                              | 05704                             | 88623  |  |  | 502                                 | 81808 | 62505 | 30906 | 854//                              | 06709                             | 83712  | 88619  |  | 502 | 97061                             | 05                            | id.       | id.       | Aberp   |  |         |
| Filton                              | 628 | 72612 | 65025 | 32907 | 755//                              | 05603                             | 87624  |  |  | 628                                 | 72511 | 70012 | 32207 | 755//                              | 04708                             | 87626  |  |  | 628 | 97071                             | 06                            | id.       | id.       | Filto   |  |         |
| Rhoose                              | 715 | 82510 | 80026 | 32608 | 854//                              | 05706                             | 81710  | 88618  |  | 715                                 | 82211 | 70032 | 31907 | 854//                              | 04808                             | 88617  |  |  | 715 | 00071                             | 06                            | +         | +         | Rhoos   |  |         |
| Hartland Point                      | 703 | 82718 | 89022 | 32608 | 855//                              | 05709                             | 88623  |  |  | 703                                 | 82512 | 89022 | 31309 | 855//                              | 06608                             | 88627  |  |  | 703 | 00070                             | 07                            |           |           | Hartl   |  |         |
| Mount Batten                        | 827 | 82905 | 75032 | 33909 | 856//                              | 05708                             | 88635  |  |  | 827                                 | 72005 | 80012 | 32408 | 756//                              | 06809                             | 87632  |  |  | 827 | 00071                             | 05                            | +         | +         | Mount   |  |         |
| St. Mary's                          | 817 | 82004 | 82031 | 33707 | 855//                              | 05709                             | 88620  |  |  | 817                                 | 81606 | 82022 | 32007 | 854//                              | 05713                             | 88618  |  |  | 817 | 00071                             | 01                            | +         | +         | St. Ma  |  |         |
| Scilly                              | 804 | 82111 | 81022 | 32909 | 854//                              | 04715                             | 88619  |  |  | 804                                 | 82107 | 84022 | 31010 | 855//                              | 06713                             | 88620  |  |  | 804 | 00081                             | 07                            | +         | +         | Scilli  |  |         |
| Culdrose                            | 809 | 72513 | 65022 | 33309 | 756//                              | 04809                             | 87630  |  |  | 809                                 | 82206 | 65025 | 31809 | 853//                              | 06810                             | 81708  | 84715 88620                                    |  | 809 | 97071                             | 03                            | +         | id.       | Culdr   |  |         |
| Guernsey                            | 894 | 82308 | 56102 | 35108 | 860//                              | 08709                             | 83701  | 87702  |  | 894                                 | 11709 | 62011 | 34706 | 15600                              | 05605                             | 81640  |  |  | 894 | 00051                             | 02                            | +         | +         | Guern   |  |         |
| Elmdon                              | 534 | 72410 | 75022 | 30907 | 755//                              | 04000                             | 87622  |  |  | 534                                 | 72511 | 66031 | 30606 | 754//                              | 03601                             | 87617  |  |  | 534 | 00051                             | 02                            | +         | +         | Elmdo   |  |         |
| Cardington                          | 559 | 32314 | 65011 | 31306 | 35600                              | 05603                             | 83630  |  |  | 559                                 | 82515 | 75021 | 31507 | 854//                              | 04101                             | 88619  |  |  | 559 | 00051                             | 03                            | +         | +         | Cardi   |  |         |
| Wittering                           | 462 | 22614 | 66031 | 30505 | 15601                              | 04602                             | 81635  |  |  | 462                                 | 52208 | 65031 | 30804 | 554//                              | 03302                             | 85617  |  |  | 462 | 97031                             | 51                            | +         | +         | Witte   |  |         |
| Watnall                             | 354 | 82307 | 60042 | 29806 | 854//                              | 04001                             | 88618  |  |  | 354                                 | 52510 | 75031 | 29406 | 55500                              | 04000                             | 85620  |  |  | 354 | 00051                             | 51                            | +         | +         | Watna   |  |         |
| Shawbury                            | 414 | 72614 | 72031 | 30108 | 754//                              | 05106                             | 87616  |  |  | 414                                 | 82411 | 72022 | 30207 | 854//                              | 04801                             | 88616  |  |  | 414 | 00061                             | 02                            | +         | +         | Shawb   |  |         |
| Finningley                          | 360 | 72515 | 65022 | 27407 | 755//                              | 04809                             | 87620  |  |  | 360                                 | 22004 | 62011 | 28303 | 25500                              | 02102                             | 82620  |  |  | 360 | 00011                             | 54                            | +         | +         | Finni   |  |         |
| Spurn Point                         | 396 | 72210 | 50012 | 27806 | 765//                              | 04000                             | 87726  |  |  | 396                                 | 82410 | 62022 | 28806 | 856//                              | 04206                             | 88633  |  |  | 396 |                                   |                               | +         | +         | Spurn   |  |         |
| Leeming                             | 257 | 82620 | 84022 | 24708 | 1544/                              | 03505                             | 81612  | 88360  |  | 257                                 | 62106 | 82012 | 27207 | 45542                              | 04215                             | 84622  | 83365  |  | 257 | 00071                             | 04                            | +         | +         | Leemi   |  |         |
| Tynemouth                           | 262 | 72507 | 80022 | 24608 | 1552/                              | 04115                             | 81625  | 87458  |  | 262                                 | 52618 | 69021 | 25608 | 55600                              | 03322                             | 85630  |  |  | 262 | 00061                             | 02                            | +         | +         | Tynem   |  |         |
| Carlisle                            | 222 | 72411 | 65012 | 26008 | 755//                              | 05805                             | 82620  | 87632  |  | 222                                 | 82409 | 62022 | 26507 | 854//                              | 04202                             | 82717  | 88626  |  | 222 | 00071                             | 05                            | +         | +         | Carli   |  |         |
| Valley                              | 302 | 82317 | 70022 | 29909 | 854//                              | 06001                             | 88616  |  |  | 302                                 | 62023 | 65202 | 28508 | 653//                              | 07705                             | 81709  | 88618  |  | 302 | 97071                             | 06                            | +         | id.       | Valle   |  |         |
| Ringway                             | 334 | 82205 | 56042 | 30104 | 855//                              | 03305                             | 88622  |  |  | 334                                 | 81902 | 65021 | 30005 | 855//                              | 04400                             | 88622  |  |  | 334 | 00041                             | 02                            | +         | +         | Ringw   |  |         |
| Squires Gate                        | 318 | 72613 | 80022 | 29108 | 755//                              | 05301                             | 87625  |  |  | 318                                 | 82406 | 80032 | 28707 | 855//                              | 05001                             | 88622  |  |  | 318 | 00061                             | 03                            | +         | +         | Squie   |  |         |
| Ronaldsway                          | 204 | 82516 | 80022 | 28008 | 855//                              | 04601                             | 83621  | 88626  |  | 204                                 | 82312 | 80022 | 26908 | 855//                              | 04706                             | 83620  | 88623  |  | 204 | 00081                             | 07                            | +         | +         | Ronal   |  |         |
| Mull of Galloway                    | 131 | 82420 | 83022 | 26808 | 855//                              | 06102                             | 88625  |  |  | 131                                 | 82420 | 82022 | 25907 | 855//                              | 05804                             | 88625  |  |  | 131 | 00071                             |                               |           |           | Mull    |  |         |
| Eskdalemuir                         | 162 | 72115 | 65012 | 25106 | 764//                              | 04803                             | 87714  |  |  | 162                                 | 81911 | 68022 | 25705 | 854//                              | 03802                             | 83711  | 88624  |  | 162 | 00051                             | 03                            | +         | +         | Eskda   |  |         |
| Prestwick                           | 135 | 82010 | 70022 | 24608 | 854//                              | 04400                             | 81618  | 85620  | 88626  | 135                                 | 72310 | 70022 | 23608 | 755//                              | 05804                             | 81620  | 83626  | 87634  | 135 | 00071                             | 06                            | +         | +         | Prest   |  |         |
| Abbotsinch                          | 140 | 82414 | 62586 | 23608 | 854//                              | 06306                             | 82711  | 84623  | 88630  | 140                                 | 72312 | 70156 | 23708 | 755//                              | 05801                             | 82620  | 87630  |  | 140 | 97071                             | 06                            | d.o.r.    | d.o.r.    | Abbot   |  |         |
| Leuchars                            | 171 | 72220 | 80032 | 20308 | 755//                              | 05400                             | 82625  | 86632  |  | 171                                 | 42321 | 75011 | 21208 | 45600                              | 05802                             | 84630  |  |  | 171 | 00071                             | 06                            | +         | +         | Leuch   |  |         |
| Dyce                                | 091 | 62106 | 80012 | 17507 | 35632                              | 04505                             | 81630  | 83638  |  | 091                                 | 12610 | 82011 | 18708 | 15601                              | 04002                             | 81635  |  |  | 091 | 00051                             | 01                            | +         | +         | Dyce    |  |         |
| Lerwick                             | 005 | 82327 | 30596 | 06708 | 872//                              | 08503                             | 88703  |  |  | 005                                 | 82426 | 50506 | 09209 | 871//                              | 08214                             | 86702  | 88705  |  | 005 | 04062                             | 07                            | r.o.r.    | d.o.r.    | Lerwi   |  |         |
| Wick                                | 075 | 82420 | 81036 | 13709 | 855//                              | 07302                             | 83625  | 88632  |  | 075                                 | 82415 | 80022 | 15510 | 856//                              | 06207                             | 85630  | 88640  |  | 075 | 97091                             | 05                            | ir.       | +         | Wick    |  |         |
| Sule Skerry                         | 010 | 82536 | 57205 | 10709 | 864//                              | 08208                             | 88715  |  |  | 010                                 | 82328 | 64025 | 12809 | 864//                              | 08013                             | 88715  |  |  | 010 | 94072                             | 07                            |           |           | Sule    |  |         |
| Cape Wrath                          | 049 | 82328 | 60606 | 10009 | 873//                              | 07308                             | 88706  |  |  |                                     |       |       |       |                                    |                                   |  |  |  |     |                                   |                               |           |           |         |  |         |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

42415

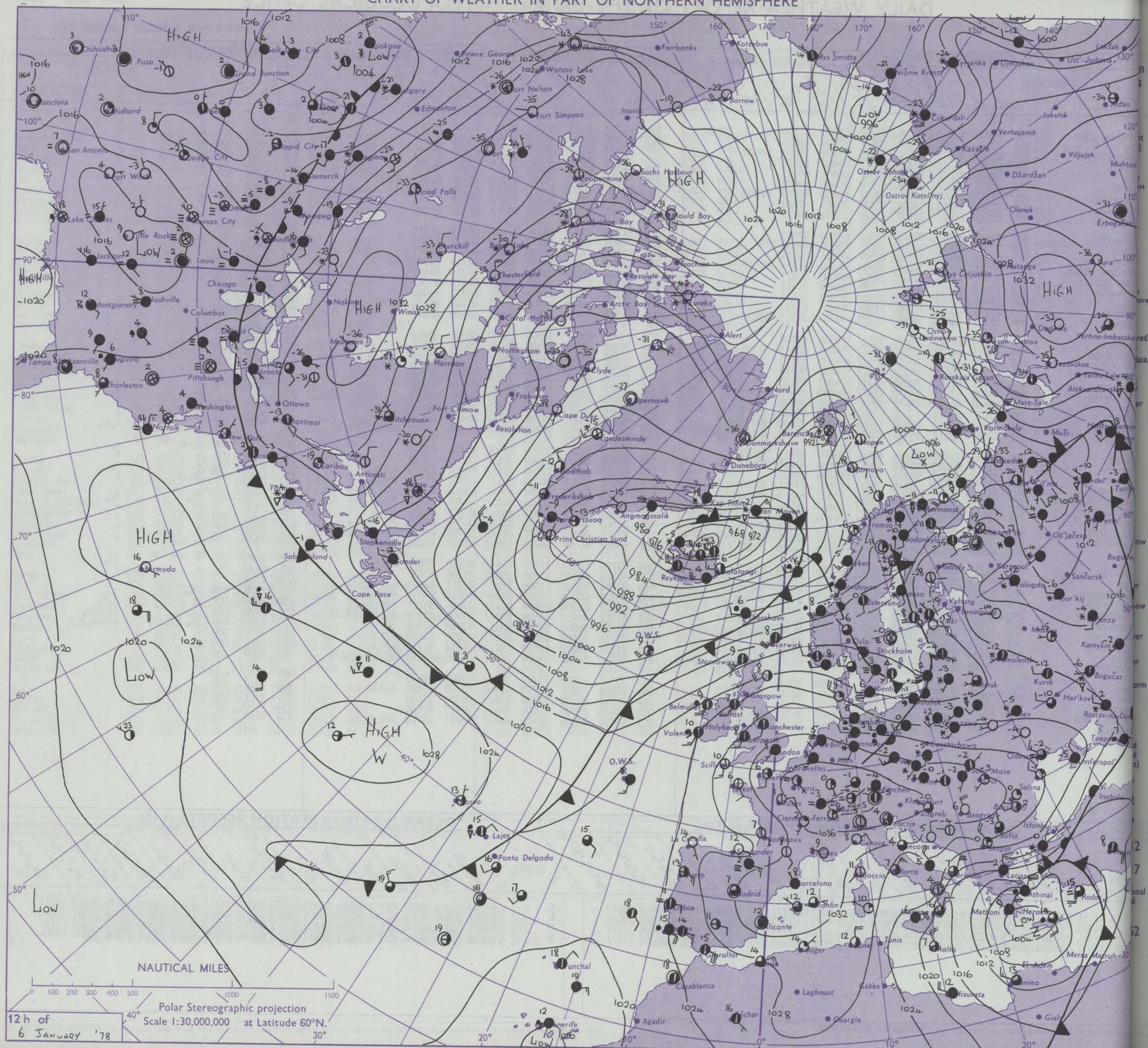
Date of Issue SATURDAY 7 JANUARY 1978

| Code FM II.V     |     | OBSERVATIONS at 12h. 6 January 1978 |       |       |   |                                   |  |  |  |     |       | OBSERVATIONS at 18h. 6 January 1978 |       |   |                                   |  |  |  |     |                                   |     | OBSERVATIONS during DAY         |                               |  |  |  |
|------------------|-----|-------------------------------------|-------|-------|---|-----------------------------------|--|--|--|-----|-------|-------------------------------------|-------|---|-----------------------------------|--|--|--|-----|-----------------------------------|-----|---------------------------------|-------------------------------|--|--|--|
| Station          | iii | Nddff                               | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | Nddff | VVwww                               | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RRT <sub>+</sub> T <sub>+</sub> E | SSS | WEATHER                         |                               |  |  |  |
|                  |     |                                     |       |       |   |                                   |  |  |  |     |       |                                     |       |   |                                   |  |  |  |     |                                   |     | 09h.—15h.                       | 15h.—21h.                     |  |  |  |
| Boscombe Down    | 746 | 80906                               | 62022 | 32706 | 853//   | 05805                             | 82708  | 85712  | 88620  | 746 | 11710 | 80011                               | 31504 | 10931   | 01804                             | 81362  |  |  | 746 | 00083                             | 007 | +                               | +                             |  |  |  |
| Hurn             | 862 | 72109                               | 62012 | 33409 | 756//   | 07001                             | 87635  |  |  | 862 | 11706 | 62011                               | 32006 | 10940   | 02702                             | 81364  |  |  | 862 | 00091                             | 028 | +                               | +                             |  |  |  |
| Manston          | 797 | 82107                               | 66022 | 33507 | 854//   | 04805                             | 83616  | 88620  |  | 797 | 82007 | 60022                               | 33407 | 854//   | 04203                             | 88616  |  |  | 797 | 00081                             | 000 | +                               | +                             |  |  |  |
| Gatwick          | 776 | 82308                               | 65022 | 33308 | 855//   | 05802                             | 88622  |  |  | 776 | 72204 | 68022                               | 32506 | 755//   | 03601                             | 87629  |  |  | 776 | 00081                             | 000 | +                               | +                             |  |  |  |
| Kew              | 775 | 82105                               | 70022 | 32608 | 855//   | 05804                             | 88625  |  |  | 775 | 61807 | 75012                               | 32207 | 655//   | 02302                             | 86629  |  |  | 775 | 00091                             | 000 | +                               | +                             |  |  |  |
| Heathrow         | 772 | 82106                               | 80022 | 33008 | 855//   | 05806                             | 88620  |  |  | 772 | 51807 | 80012                               | 32507 | 55500   | 03301                             | 82625  | 85632  |  | 772 | 00091                             | 000 | +                               | +                             |  |  |  |
| Honington        | 586 | 72511                               | 68012 | 31907 | 754//   | 03803                             | 81615  | 87618  |  | 586 | 82106 | 62022                               | 31607 | 855//   | 03102                             | 88620  |  |  | 586 | 00081                             | 000 | +                               | +                             |  |  |  |
| Wattisham        | 590 | 72512                               | 75022 | 32007 | 755//   | 03805                             | 87620  |  |  | 590 | 81907 | 62022                               | 31807 | 854//   | 03001                             | 88618  |  |  | 590 | 00071                             | 000 | +                               | +                             |  |  |  |
| Corlestone       | 497 | 82512                               | 64022 | 32107 | 855//   | 03801                             | 88625  |  |  | 497 | 82208 | 64022                               | 31707 | 855//   | 03801                             | 88625  |  |  | 497 |                                   | 000 |                                 |                               |  |  |  |
| Aberporth        | 502 | 71912                               | 86015 | 30008 | 755//   | 07806                             | 87625  |  |  | 502 | 11720 | 83021                               | 27006 | 18400   | 05719                             | 81816  |  |  | 502 | 00091                             | 024 | +                               | +                             |  |  |  |
| Filton           | 628 | 72307                               | 80022 | 32209 | 756//   | 05805                             | 87630  |  |  | 628 | 11909 | 70021                               | 30606 | 15600   | 03805                             | 81630  |  |  | 628 | 00101                             | 018 | +                               | +                             |  |  |  |
| Rhoose           | 715 | 81808                               | 80022 | 31708 | 855//   | 05804                             | 88624  |  |  | 715 | 11511 | 83011                               | 29606 | 00901   | 02808                             | 81075  |  |  | 715 | 00100                             | 027 | +                               | +                             |  |  |  |
| Hartland Point   | 703 | 32214                               | 82011 | 31009 | 38500   | 06802                             | 81820  | 83627  |  | 703 | 21818 | 84030                               | 28006 | 20930   | 02716                             | 82360  |  |  | 703 | 00100                             | 054 |                                 |                               |  |  |  |
| Mount Batten     | 827 | 21911                               | 87031 | 32411 | 28531   | 07000                             | 82825  |  |  | 827 | 11307 | 86030                               | 29606 | 15630   | 03710                             | 81645  |  |  | 827 | 00111                             | 058 | +                               | +                             |  |  |  |
| St. Mawgan       | 817 | 11612                               | 84021 | 31009 | 12402   | 06807                             | 81815  |  |  | 817 | 11512 | 82020                               | 28306 | 10931   | 01713                             | 81365  |  |  | 817 | 00111                             | 073 | +                               | +                             |  |  |  |
| Scilly           | 804 | 11816                               | 71021 | 29810 | 00902   | 05807                             | 81075  |  |  | 804 | 51715 | 62031                               | 26809 | 40932   | 06713                             | 84360  |  |  | 804 | 00101                             | 072 | +                               | +                             |  |  |  |
| Culdrose         | 809 | 11913                               | 80035 | 31309 | 11501   | 52805                             | 81820  |  |  | 809 | 31511 | 70030                               | 28308 | 15730   | 01714                             | 81650  | 83362  |  | 809 | 00100                             | 076 | +                               | +                             |  |  |  |
| Guernsey         | 894 | 51512                               | 74021 | 34006 | 10932   | 02707                             | 81363  | 85075  |  | 894 | 11511 | 70021                               | 31505 | 00902   | 01808                             | 81075  |  |  | 894 | 00071                             | 076 | +                               | +                             |  |  |  |
| Elmdon           | 534 | 72210                               | 62022 | 30908 | 755//   | 04806                             | 87626  |  |  | 534 | 21907 | 63011                               | 30106 | 25500   | 03703                             | 82625  |  |  | 534 | 00081                             | 000 | +                               | +                             |  |  |  |
| Cardington       | 559 | 72411                               | 68022 | 31908 | 754//   | 04806                             | 82615  | 84625  | 87630  | 559 | 72010 | 63022                               | 31508 | 755//   | 05301                             | 87626  |  |  | 559 | 00081                             | 000 | +                               | +                             |  |  |  |
| Wittering        | 462 | 82510                               | 64032 | 31407 | 854//   | 04805                             | 81615  | 88619  |  | 462 | 82108 | 60032                               | 30707 | 855//   | 04601                             | 88622  |  |  | 462 | 00081                             | 000 | +                               | +                             |  |  |  |
| Watnall          | 354 | 82410                               | 62012 | 30307 | 854//   | 04803                             | 88615  |  |  | 354 | 82008 | 40042                               | 29307 | 855//   | 04703                             | 88620  |  |  | 354 | 00081                             | 000 | +                               | +                             |  |  |  |
| Shawbury         | 414 | 82211                               | 82022 | 30108 | 855//   | 04807                             | 88626  |  |  | 414 | 11505 | 80011                               | 28806 | 15501   | 04805                             | 81620  |  |  | 414 | 00091                             | 000 | +                               | +                             |  |  |  |
| Finningley       | 360 | 72408                               | 67021 | 29107 | 754//   | 04803                             | 87618  |  |  | 360 | 71908 | 65022                               | 27808 | 755//   | 04101                             | 87622  |  |  | 360 | 00081                             | 003 | +                               | +                             |  |  |  |
| Spurn Point      | 396 | 82408                               | 64022 | 29606 | 856//   | 04000                             | 88630  |  |  | 396 | 71910 | 60022                               | 28706 | 756//   | 04802                             | 87630  |  |  | 396 |                                   |     | +                               | +                             |  |  |  |
| Leeming          | 257 | 72417                               | 88032 | 27508 | 65501   | 04801                             | 86622  | 85075  |  | 257 | 72210 | 86032                               | 26009 | 755//   | 04803                             | 87625  |  |  | 257 | 00091                             | 034 | +                               | +                             |  |  |  |
| Tynemouth        | 262 | 61907                               | 61021 | 26208 | 25606   | 04601                             | 82630  | 86275  |  | 262 | 62003 | 66022                               | 25109 | 656//   | 05603                             | 86630  |  |  | 262 | 00101                             | 042 | +                               | +                             |  |  |  |
| Carlisle         | 222 | 72415                               | 80212 | 26608 | 754//   | 05808                             | 82710  | 85625  | 87630  | 222 | 82311 | 80026                               | 24709 | 855//   | 06804                             | 82620  | 86627  | 88636  | 222 | 91091                             | 001 | r <sub>c</sub>                  | d <sub>c</sub> r <sub>c</sub> |  |  |  |
| Valley           | 302 | 81917                               | 81025 | 27909 | 884//   | 07805                             | 81815  | 88622  |  | 302 | 11920 | 82016                               | 26208 | 15500   | 05806                             | 81628  |  |  | 302 | 92091                             | 000 | d <sub>c</sub> -r <sub>c</sub>  | r <sub>c</sub>                |  |  |  |
| Ringway          | 334 | 71910                               | 62022 | 29807 | 784//   | 05804                             | 81815  | 87623  |  | 334 | 71707 | 65022                               | 28308 | 755//   | 05805                             | 87628  |  |  | 334 | 00081                             | 000 | +                               | +                             |  |  |  |
| Squires Gate     | 318 | 71807                               | 65012 | 28708 | 755//   | 05706                             | 87626  |  |  | 318 | 71607 | 57045                               | 27108 | 755//   | 06704                             | 82620  | 87630  |  | 318 | 97091                             | 000 | +                               | d <sub>c</sub>                |  |  |  |
| Ronaldsway       | 204 | 72315                               | 82026 | 26708 | 785//   | 05802                             | 83821  | 87629  |  | 204 | 82217 | 80038                               | 24709 | 854//   | 07707                             | 85711  | 88635  |  | 204 | 97091                             | 000 | ir <sub>c</sub> pr <sub>c</sub> | +                             |  |  |  |
| Mull of Galloway | 131 | 82325                               | 84022 | 25708 | 6551//  | 05503                             | 86625  | 88460  |  | 131 | 82124 | 84022                               | 23409 | 856//   | 08806                             | 88635  |  |  | 131 | 00091                             |     |                                 |                               |  |  |  |
| Eskdalemuir      | 162 | 81712                               | 60606 | 25905 | 853//   | 04807                             | 86708  | 88620  |  | 162 | 81712 | 65602                               | 23906 | 854//   | 04706                             | 84712  | 88620  |  | 162 | 97071                             | 000 | ir <sub>c</sub>                 | ir <sub>c</sub>               |  |  |  |
| Prestwick        | 135 | 82213                               | 81022 | 24507 | 855//   | 03804                             | 88625  |  |  | 135 | 82008 | 81022                               | 22707 | 855//   | 05708                             | 83624  | 88630  |  | 135 | 00091                             |     | +                               | +                             |  |  |  |
| Abbotsinch       | 140 | 72113                               | 70022 | 24207 | 754//   | 03801                             | 83618  | 87625  |  | 140 | 82310 | 80022                               | 22408 | 855//   | 04806                             | 82620  | 88632  |  | 140 | 00091                             | 000 | +                               | +                             |  |  |  |
| Leuchars         | 171 | 72318                               | 62021 | 22907 | 755//   | 02807                             | 82624  | 86626  | 87640  | 171 | 82215 | 70012                               | 21107 | 854//   | 03708                             | 81616  | 85622  | 88626  | 171 | 00081                             | 000 | +                               | +                             |  |  |  |
| Dyce             | 091 | 42418                               | 86030 | 19308 | 11552   | 02806                             | 81820  | 83364  |  | 091 | 60000 | 60041                               | 18703 | 15542   | 00500                             | 81820  | 86072  |  | 091 | 00081                             | 048 | +                               | +                             |  |  |  |
| Lerwick          | 005 | 72235                               | 60025 | 10808 | 753//   | 05001                             | 81708  | 87625  |  | 005 | 72128 | 65032                               | 11608 | 754//   | 05110                             | 87619  |  |  | 005 | 97092                             | 000 | +                               | ir <sub>c</sub>               |  |  |  |
| Wick             | 075 | 22013                               | 86011 | 16508 | 18532   | 04801                             | 81820  |  |  | 075 | 32015 | 84020                               | 16006 | 25642   | 03306                             | 82630  |  |  | 075 | 00091                             | 051 | +                               | +                             |  |  |  |
| Sule Skerry      | 010 | 82035                               | 58255 | 13409 | 885//   | 07308                             | 83820  | 88625  |  | 010 | 82334 | 64038                               | 11409 | 855//   | 07711                             | 88625  |  |  | 010 | 97091                             |     |                                 |                               |  |  |  |
| Cape Wrath       | 049 | 8233433                             |       |       |   |                                   |  |  |  |     |       |                                     |       |   |                                   |  |  |  |     |                                   |     |                                 |                               |  |  |  |

| OCEAN WEATHER STATION REPORTS at 12h. |  |  |  |  |  |  |  |  |  | OCEAN WEATHER STATION REPORTS at 18h. |  |  |
|---------------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------------|--|--|
|---------------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------------|--|--|

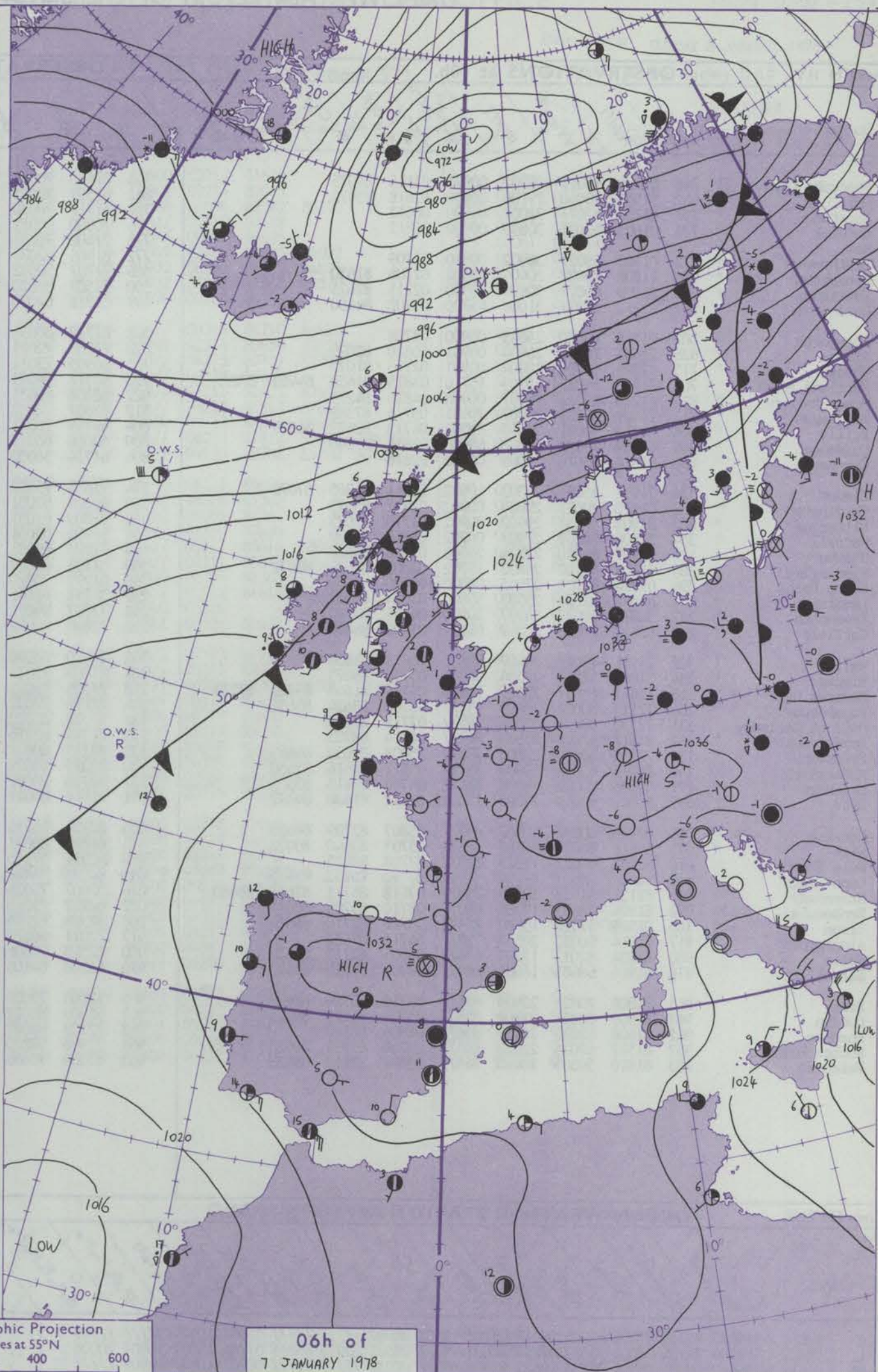
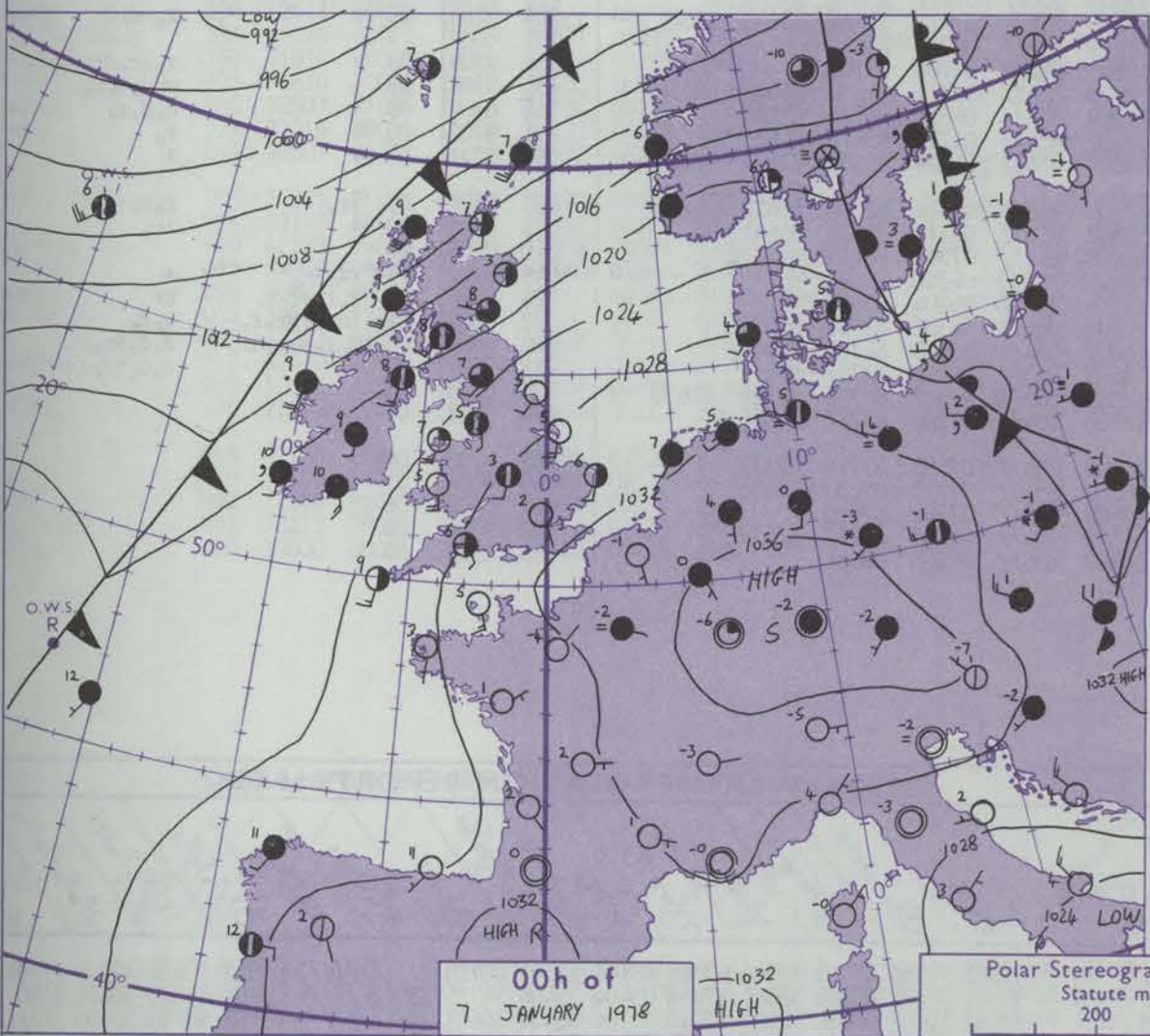
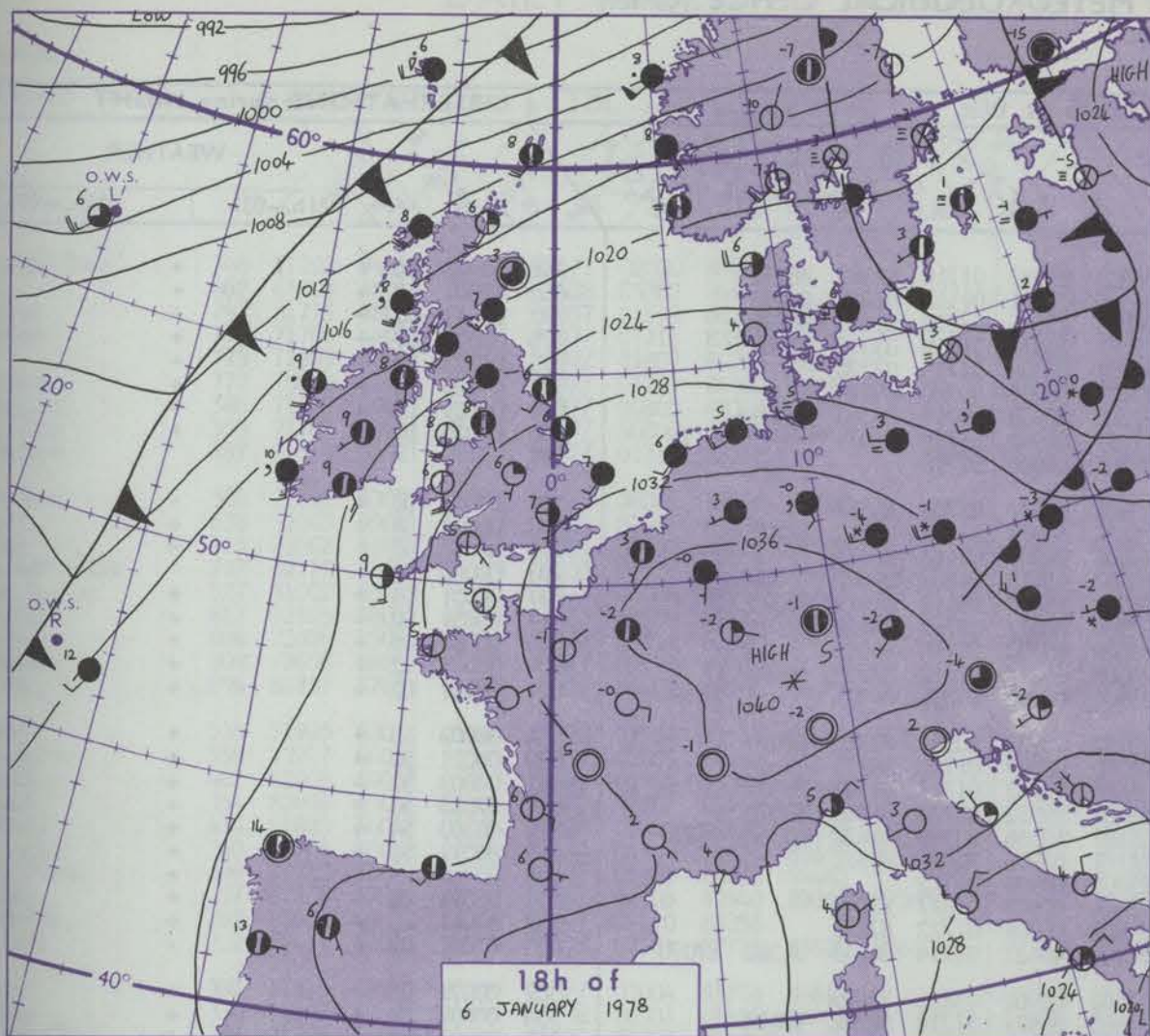


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours pressure has remained high to the southeast and low to the north of the British Isles maintaining a southwesterly airstream across all districts. A weak cold front reached northwest Scotland during the night and moved slowly

eastwards. During the next 24 hours little change in pressure distribution is likely and the weak cold front is expected to clear southeast England late in the period.

Issued at midday SATURDAY 7 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |  | OBSERVATIONS at 00h. |       |       |       |  |                                   |  |  |  |     | 7 January 1978 |       |       |  |                                   |  |  |  |     |                                   | OBSERVATIONS at 06h.          |           |           |                |  |  |  |  |  |  | 7 January 1978 |  |  |  |  |  |  |  |  |  | OBSERVATIONS during NIGHT |  |  |  |  |  |  |  |  |  | Code FM |  |
|------------------|--|----------------------|-------|-------|-------|--|-----------------------------------|--|--|--|-----|----------------|-------|-------|--|-----------------------------------|--|--|--|-----|-----------------------------------|-------------------------------|-----------|-----------|----------------|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|---------------------------|--|--|--|--|--|--|--|--|--|---------|--|
| Station          |  | iii                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | Nddff          | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER   |           | Station        |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
|                  |  |                      |       |       |       |  |                                   |  |  |  |     |                |       |       |  |                                   |  |  |  |     |                                   |                               | 21h.—03h. | 03h.—09h. |                |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Boscombe Down    |  | 746                  | 41408 | 65021 | 29302 | 00901  | 01813                             | 84075  |  |  | 746 | 81410          | 70021 | 26003 | 20937  | 01719                             | 82362  | 88272  |  | 746 | 97001                             | 53                            | +         | +         | Boscombe Down  |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Hurn             |  | 862                  | 31505 | 70030 | 29106 | 00904  | 02818                             | 83070  |  |  | 862 | 61507          | 70011 | 26306 | 25601  | 01512                             | 82640  | 86070  |  | 862 | 00001                             | 53                            | +         | +         | Hurn           |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Manston          |  | 797                  | 01711 | 62011 | 32001 | 00900  | 00611                             |  |  |  | 797 | 61717          | 70030 | 28202 | 15506  | 53820                             | 81620  | 86275  |  | 797 | 00011                             | 52                            | +         | +         | Manston        |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Gatwick          |  | 776                  | 01601 | 62021 | 30850 | 00900  | 50812                             |  |  |  | 776 | 70000          | 60011 | 27551 | 70977  | 51618                             | 83362  | 87467  |  | 776 | 00523                             | 57                            | +         | +         | Gatwick        |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Kew              |  |                      |       |       |       |  |                                   |  |  |  | 775 | 71402          | 78031 | 26701 | 00906  | 51723                             | 87270  |  |  | 775 | 00523                             | 57                            | +         | +         | Kew            |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Heathrow         |  | 772                  | 01503 | 59021 | 30902 | 00900  | 01709                             |  |  |  | 772 | 81406          | 62031 | 27001 | 00907  | 50720                             | 88270  |  |  | 772 | 00003                             | 55                            | +         | +         | Heathrow       |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Honington        |  | 586                  | 11808 | 60021 | 30404 | 15602  | 02708                             | 81630  |  |  | 586 | 71707          | 50052 | 27202 | 30938  | 50719                             | 83360  | 87275  |  | 586 | 00021                             | 00                            | +         | +         | Honington      |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Wattisham        |  | 590                  | 21809 | 60021 | 30504 | 25500  | 02711                             | 82625  |  |  | 590 | 21507          | 66020 | 27601 | 00902  | 51720                             | 82075  |  |  | 590 | 00013                             | 51                            | +         | +         | Wattisham      |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Gorleston        |  | 497                  | 41912 | 66011 | 31006 | 45700  | 03708                             | 84650  |  |  | 497 | 01812          | 64020 | 28205 | 00900  | 02718                             |  |  |  | 497 |                                   |                               |           |           | Gorleston      |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Aberporth        |  | 502                  | 01716 | 82020 | 25805 | 00900  | 03708                             |  |  |  | 502 | 61712          | 80031 | 23504 | 60937  | 03706                             | 86363  |  |  | 502 | 00041                             | 03                            | +         | +         | Aberporth      |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Filton           |  | 628                  | 21408 | 70010 | 28904 | 00901  | 50810                             | 82075  |  |  | 628 | 81803          | 72011 | 25804 | 40977  | 01514                             | 84362  | 88275  |  | 628 | 00021                             | 54                            | +         | +         | Filton         |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Rhoose           |  | 715                  | 11209 | 80010 | 28004 | 00901  | 02713                             | 81075  |  |  | 715 | 30905          | 75011 | 24804 | 00901  | 02613                             | 83075  |  |  | 715 | 00031                             | 51                            | +         | +         | Rhoose         |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Hartland Point   |  | 703                  | 71513 | 84031 | 25706 | 15716  | 03815                             | 81650  | 84460  | 87275  | 703 | 42312          | 74011 | 23607 | 15618  | 04607                             | 81640  | 84360  |  | 703 | 00050                             | 04                            | +         | +         | Hartland Point |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Mount Batten     |  | 827                  | 41210 | 65011 | 26907 | 00908  | 04816                             | 84275  |  |  | 827 | 82308          | 65031 | 24208 | 15407  | 05612                             | 81619  | 88275  |  | 827 | 00051                             | 01                            | +         | +         | Mount Batten   |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| St. Mary's       |  | 817                  | 71409 | 80021 | 26007 | 70931  | 05714                             | 87362  |  |  | 817 | 81607          | 58052 | 23906 | 80977  | 05712                             | 88462  |  |  | 817 | 00051                             | 02                            | +         | +         | St. Mary's     |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Scilly           |  | 804                  | 41913 | 80021 | 24609 | 25502  | 06713                             | 82623  | 84075  |  | 804 | 62109          | 78031 | 23009 | 65500  | 07710                             | 86623  |  |  | 804 | 00081                             | 05                            | +         | +         | Scilly         |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Culdrose         |  | 809                  | 61509 | 75021 | 25808 | 65600  | 03816                             | 86640  |  |  | 809 | 62008          | 60012 | 23608 | 65377  | 07712                             | 83708  | 86620  |  | 809 | 00061                             | 02                            | +         | +         | Culdrose       |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Guernsey         |  | 894                  | 01614 | 60010 | 29005 | 00900  | 02816                             |  |  |  | 894 | 41714          | 56050 | 25906 | 00902  | 03806                             | 84075  |  |  | 894 | 00041                             | 02                            | +         | +         | Guernsey       |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Elmdon           |  | 534                  | 71911 | 65031 | 28303 | 10932  | 50811                             | 81365  | 87070  |  | 534 | 71605          | 75022 | 25102 | 20932  | 00521                             | 82362  | 87070  |  | 534 | 00003                             | 53                            | +         | +         | Elmdon         |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Cardington       |  | 559                  | 31910 | 70021 | 29604 | 00902  | 02812                             | 83075  |  |  | 559 | 81406          | 62031 | 26302 | 00907  | 01722                             | 88275  |  |  | 559 | 00011                             | 51                            | +         | +         | Cardington     |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Wittering        |  | 462                  | 31908 | 62031 | 29402 | 00902  | 01710                             | 83075  |  |  | 462 | 61809          | 61031 | 26501 | 20932  | 01717                             | 82360  | 86075  |  | 462 | 00003                             | 51                            | +         | +         | Wittering      |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Watnall          |  | 354                  | 31806 | 58051 | 27903 | 00902  | 01713                             | 83070  |  |  | 354 | 51904          | 60051 | 25001 | 10932  | 00723                             | 81360  | 85070  |  | 354 | 97013                             | 53                            | +         | +         | Watnall        |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Shawbury         |  | 414                  | 21707 | 60040 | 27204 | 25500  | 02608                             | 82620  |  |  | 414 | 71803          | 68031 | 24102 | 15536  | 00719                             | 81620  | 83362  | 87273  | 414 | 00503                             | 54                            | +         | +         | Shawbury       |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Finningley       |  | 360                  | 61406 | 50101 | 26802 | 15702  | 02808                             | 81656  | 86072  |  | 360 | 51706          | 63022 | 24101 | 00908  | 50815                             | 85072  |  |  | 360 | 00011                             | 52                            | +         | +         | Finningley     |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Spurn Point      |  | 396                  | 01914 | 60021 | 27905 | 00900  | 04706                             |  |  |  | 396 | 01712          | 70010 | 25003 | 00900  | 01712                             |  |  |  | 396 |                                   |                               |           |           | Spurn Point    |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Leeming          |  | 257                  | 51607 | 82031 | 25505 | 55600  | 03804                             | 85632  |  |  | 257 | 31712          | 82011 | 22604 | 00901  | 01817                             | 83073  |  |  | 257 | 00021                             | 00                            | +         | +         | Leeming        |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Tynemouth        |  | 262                  | 32010 | 69011 | 24107 | 30930  | 04604                             | 83360  |  |  | 262 | 71817          | 69022 | 21005 | 00906  | 02722                             | 87275  |  |  | 262 | 00041                             | 03                            | +         | +         | Tynemouth      |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Carlisle         |  | 222                  | 62111 | 70036 | 23207 | 65577  | 03708                             | 86624  |  |  | 222 | 72009          | 70032 | 20207 | 45632  | 03714                             | 84643  | 84362  | 87070  | 222 | 00061                             | 02                            | +         | +         | Carlisle       |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Valley           |  | 302                  | 21921 | 75010 | 24407 | 25600  | 06611                             | 81630  |  |  | 302 | 21820          | 68020 | 21807 | 00902  | 05816                             | 82075  |  |  | 302 | 00071                             | 05                            | +         | +         | Valley         |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Ringway          |  | 334                  | 51808 | 58031 | 27004 | 00902  | 03708                             | 85075  |  |  | 334 | 81809          | 75032 | 24003 | 80977  | 51718                             | 82362  | 88468  |  | 334 | 00031                             | 00                            | +         | +         | Ringway        |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Squires Gate     |  | 318                  | 71611 | 65031 | 25305 | 15636  | 03710                             | 81640  | 85362  | 87270  | 318 | 71508          | 65022 | 22503 | 15677  | 01821                             | 81640  | 87362  |  | 318 | 00031                             | 01                            | +         | +         | Squires Gate   |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Ronaldsway       |  | 204                  | 72115 | 80021 | 23409 | 75577  | 06706                             | 83624  | 86632  |  | 204 | 82116          | 70032 | 20508 | 85477  | 07714                             | 81714  | 83633  | 88648  | 204 | 92081                             | 06                            | +         | +         | Ronaldsway     |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |
| Mull of Galloway |  | 131                  | 72330 | 80031 | 21208 | 75577  | 07711                             | 87625  |  |  | 131 | 82             |       |       |  |                                   |  |  |  |     |                                   |                               |           |           |                |  |  |  |  |  |  |                |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |         |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

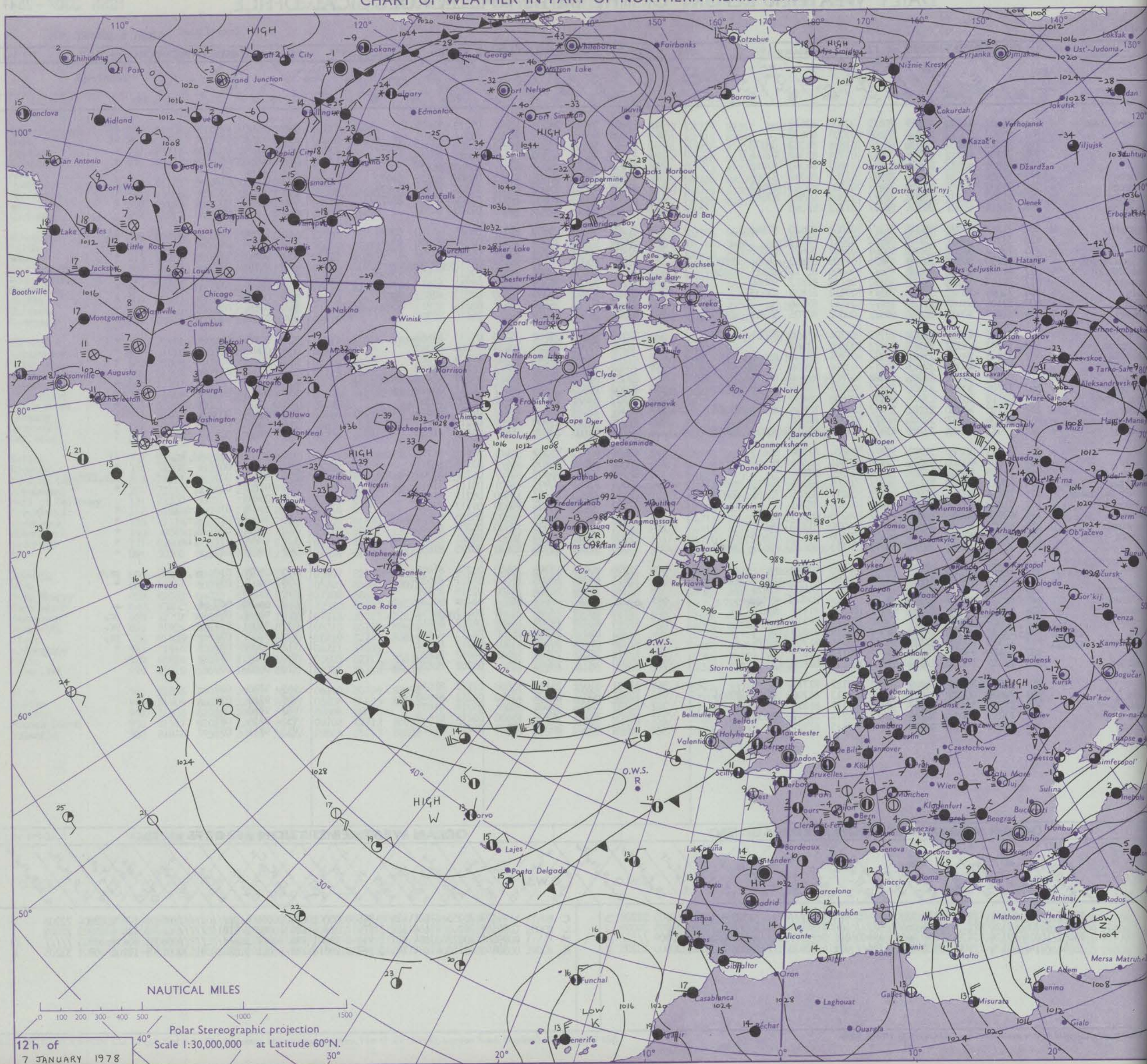
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Date of Issue SUNDAY 8 JANUARY 1978

| Code FM 11.V |                  | OBSERVATIONS at 12h. 7 January 1978 |       |       |       |  |                                   |  |  |  |     | OBSERVATIONS at 18h. 7 January 1978 |       |       |  |                                   |  |  |  |     |       | OBSERVATIONS during DAY         |   |                 |                                   |                 |   |
|--------------|------------------|-------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|-----|-------------------------------------|-------|-------|--|-----------------------------------|--|--|--|-----|-------|---------------------------------|---|-----------------|-----------------------------------|-----------------|---|
| 09h.         | Station          | ill                                 | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff                               | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | RRT   | T <sub>h</sub> T <sub>h</sub> E | SSS   | WEATHER         |                                   |                 |   |
|              |                  |                                     |       |       |       |  |                                   |  |  |  |     |                                     |       |       |  |                                   |  |  |  |     |       |                                 |   | 09h.—15h.       | 15h.—21h.                         |                 |   |
|              | Boscombe Down    | 746                                 | 71202 | 74012 | 25405 | 754/2  | 02000                             | 87616  |  |  | 746 | 12603                               | 58111 | 26204 | 15400  | 03212                             | 81618  |  |  | 746 | 00073 | 029                             | +   |                 |                                   | if              |   |
|              | Hurn             | 862                                 | 61903 | 58012 | 25908 | 65608  | 05303                             | 86630  |  |  | 862 | 20000                               | 40051 | 26403 | 00902  | 02214                             | 82075  |  |  | 862 | 00091 | 015                             | +   |                 |                                   | ff              |   |
|              | Manston          | 797                                 | 81715 | 58032 | 26104 | 60957  | 01818                             | 86362  | 88270  |  | 797 | 61602                               | 56052 | 26203 | 20938  | 01006                             | 82362  | 86270  |  | 797 | 00051 | 000                             | +   |                 |                                   | +               |   |
|              | Gatwick          | 776                                 | 71706 | 66012 | 26004 | 7097/  | 01711                             | 83362  | 87466  |  | 776 | 72802                               | 40101 | 26200 | 754//  | 50310                             | 87618  |  |  | 776 | 00063 | 003                             | +   |                 |                                   | +               |   |
|              | Kew              | 775                                 | 71803 | 60022 | 25805 | 7097/  | 01807                             | 84360  | 87465  |  | 775 | 60000                               | 50052 | 25801 | 635//  | 00307                             | 86625  |  |  | 775 | 00061 | 013                             | +   |                 |                                   | +               |   |
|              | Heathrow         | 772                                 | 70000 | 61012 | 26005 | 7097/  | 01707                             | 86362  | 87466  |  | 772 | 61802                               | 45052 | 26105 | 35502  | 03208                             | 83623  | 84072  |  | 772 | 00071 | 016                             | +   |                 |                                   | +               |   |
|              | Honington        | 586                                 | 71607 | 59012 | 25703 | 7097/  | 00805                             | 83363  | 87467  |  | 586 | 41502                               | 45051 | 25602 | 10932  | 50302                             | 81365  | 84075  |  | 586 | 00053 | 000                             | +   |                 |                                   | +               |   |
|              | Wattisham        | 590                                 | 71707 | 60031 | 25704 | 7097/  | 50807                             | 85362  | 87465  |  | 590 | 31708                               | 50051 | 26002 | 10932  | 51202                             | 81364  | 83070  |  | 590 | 00043 | 000                             | +   |                 |                                   | +               |   |
|              | Gorleston        | 497                                 | 81814 | 66021 | 26306 | 8097/  | 01713                             | 88360  |  |  | 497 | 41806                               | 62011 | 25904 | 40970  | 02103                             | 84358  |  |  | 497 | 000   |                                 |   |                 |                                   |                 |   |
|              | Aberporth        | 502                                 | 71812 | 63022 | 24007 | 755//  | 06001                             | 82620  | 87640  |  | 502 | 81802                               | 58202 | 25808 | 854//  | 08316                             | 86710  | 88620  |  | 502 | 97091 | 000                             | +   |                 |                                   | id <sub>c</sub> |   |
|              | Filton           | 628                                 | 32103 | 59051 | 25407 | 00902  | 03001                             | 82072  |  |  | 628 | 60000                               | 45050 | 26503 | 55702  | 02214                             | 85650  | 83072  |  | 628 | 00081 | 046                             | +   |                 |                                   | +               |   |
|              | Rhoose           | 715                                 | 73502 | 61031 | 25307 | 55501  | 05107                             | 85621  | 85075  |  | 715 | 71902                               | 56051 | 26206 | 763//  | 04213                             | 82707  | 87709  |  | 715 | 00091 | 039                             | +   |                 |                                   | +               |   |
|              | Hartland Point   | 703                                 | 62110 | 64022 | 24709 | 48435  | 07209                             | 81812  | 84650  | 86075  | 703 | 82308                               | 60022 | 25709 | 846//  | 09212                             | 88640  |  |  | 703 | 00101 | 007                             |   |                 |                                   | +               |   |
|              | Mount Batten     | 827                                 | 81002 | 45212 | 25207 | 854//  | 06006                             | 82714  | 86625  | 88656  | 827 | 70503                               | 50052 | 26608 | 755//  | 07211                             | 81625  | 87650  |  | 827 | 97091 | 001                             | r <sub>c</sub>  |                 |                                   | +               |   |
|              | St. Mawgan       | 817                                 | 62105 | 58052 | 25010 | 48432  | 08109                             | 81812  | 84640  |  | 817 | 72203                               | 58052 | 26309 | 784//  | 08212                             | 81812  | 87636  |  | 817 | 00111 | 018                             | +   |                 |                                   | +               |   |
|              | Silly            | 804                                 | 72606 | 75022 | 24711 | 785//  | 09212                             | 81820  | 87633  |  | 804 | 60000                               | 75031 | 26310 | 58530  | 09213                             | 82821  | 84628  |  | 804 | 00131 | 031                             | +   |                 |                                   | +               |   |
|              | Culdrose         | 809                                 | 72405 | 58102 | 25310 | 756//  | 09111                             | 87640  |  |  | 809 | 72405                               | 50102 | 26509 | 784//  | 08213                             | 81818  | 83628  | 87635  |     | 809   | 00101                           | 001   | +               |                                   |                 | + |
|              | Guernsey         | 894                                 | 81807 | 57602 | 26207 | 6532/  | 06002                             | 82706  | 84709  | 86625  | 894 | 73007                               | 56106 | 26709 | 753//  | 09110                             | 82708  | 85710  | 87638  |     | 894   | 97091                           | 000   | ir <sub>c</sub> |                                   |                 | + |
|              | Elmdon           | 534                                 | 71905 | 63012 | 25304 | 15778  | 01204                             | 81650  | 83365  | 87275  | 534 | 32201                               | 58040 | 25702 | 35700  | 01211                             | 83656  |  |  | 534 | 00081 | 034                             | +   |                 |                                   | +               |   |
|              | Cardington       | 559                                 | 72207 | 64022 | 25505 | 7097/  | 02803                             | 87362  |  |  | 559 | 12502                               | 57101 | 25800 | 10930  | 00208                             | 81362  |  |  | 559 | 00073 | 017                             | +   |                 |                                   | +               |   |
|              | Wittering        | 462                                 | 82008 | 59052 | 25603 | 8097/  | 01704                             | 83360  | 88466  |  | 462 | 22502                               | 50101 | 25801 | 10932  | 01005                             | 81362  |  |  | 462 | 00051 | 010                             | +   |                 |                                   | +               |   |
|              | Watnall          | 354                                 | 82406 | 45042 | 24903 | 20917  | 01001                             | 82460  | 88270  |  | 354 | 70000                               | 20041 | 25703 | 756//  | 01210                             | 87630  |  |  | 354 | 00061 | 023                             | +   |                 |                                   | +               |   |
|              | Shawbury         | 414                                 | 61803 | 56042 | 24005 | 15788  | 02803                             | 81650  | 86272  |  | 414 | 82002                               | 60042 | 25406 | 854//  | 05217                             | 83616  | 88640  |  | 414 | 00081 | 018                             | +   |                 |                                   | +               |   |
|              | Finningley       | 360                                 | 71706 | 50042 | 23504 | 3567/  | 01701                             | 81635  | 83650  | 85362  | 360 | 80000                               | 25042 | 24703 | 854//  | 02211                             | 85613  | 88640  |  | 360 | 00061 | 007                             | +   |                 |                                   | +               |   |
|              | Spurn Point      | 396                                 | 82110 | 58011 | 23903 | 6567/  | 01805                             | 86630  | 88462  |  | 396 | 22607                               | 58011 | 24704 | 20970  | 02305                             | 82360  |  |  | 396 |       |                                 | +   |                 |                                   | +               |   |
|              | Leeming          | 257                                 | 71108 | 57041 | 23203 | 2564/  | 02106                             | 82640  | 83362  | 87365  | 257 | 71307                               | 25042 | 24604 | 754//  | 02212                             | 84613  | 87626  |  | 257 | 00051 | 000                             | +   |                 |                                   | +               |   |
|              | Tynemouth        | 262                                 | 81806 | 56052 | 22206 | 8097/  | 02210                             | 88358  |  |  | 262 | 02305                               | 56021 | 23906 | 00900  | 05216                             |  |  |  | 262 | 00081 | 000                             | +   |                 |                                   | +               |   |
|              | Carlisle         | 222                                 | 72411 | 62012 | 20709 | 6547/  | 07001                             | 82711  | 83620  | 85640  | 222 | 22105                               | 56105 | 23805 | 15601  | 04121                             | 81630  |  |  | 222 | 97091 | 004                             | d <sub>c</sub> d <sub>c</sub>                               |                 |                                   | f               |   |
|              | Valley           | 302                                 | 71815 | 58211 | 23009 | 753//  | 07004                             | 81708  | 86612  |  | 302 | 53404                               | 62015 | 25307 | 554/1  | 07213                             | 81710  | 85635  |  | 302 | 92101 | 001                             | id <sub>c</sub> ir <sub>c</sub>                             |                 |                                   | ff              |   |
|              | Ringway          | 334                                 | 72007 | 60022 | 24005 | 15738  | 00501                             | 81656  | 87268  |  | 334 | 80000                               | 50042 | 25706 | 864//  | 03211                             | 88711  |  |  | 334 | 00061 | 001                             | +   |                 |                                   | +               |   |
|              | Squires Gate     | 318                                 | 71608 | 58042 | 22905 | 75672  | 03003                             | 87635  |  |  | 318 | 82503                               | 30616 | 24607 | 871//  | 06209                             | 82702  | 86704  | 88710  |     | 318   | 97071                           | 000   | r <sub>c</sub>  | r <sub>c</sub> r <sub>c</sub> fff |                 |   |
|              | Ronaldsway       | 204                                 | 82411 | 60036 | 22109 | 853//  | 08109                             | 83706  | 84710  | 88616  | 204 | 13004                               | 82021 | 24905 | 15401  | 03117                             | 81618  |  |  | 204 | 97101 | 014                             | r <sub>c</sub>  |                 |                                   | +               |   |
|              | Mull of Galloway | 131                                 | 72614 | 60012 | 21509 | 35571  | 05217                             | 83625  | 85460  | 85075  | 131 | 12610                               | 78010 | 24307 | 15600  | 06217                             | 81630  |  |  | 131 | 00091 |                                 |   |                 |                                   |                 |   |
|              | Eskdalemuir      | 162                                 | 81810 | 20596 | 20306 | 870//  | 06206                             | 88701  |  |  | 162 | 21902                               | 80021 | 23803 | 25630  | 01117                             | 82630  |  |  | 162 | 01071 | 015                             | d <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> |                 |                                   | +               |   |
|              | Prestwick        | 135                                 | 62610 | 70016 | 20408 | 28432  | 06218                             | 81819  | 86075  |  | 135 | 42210                               | 65031 | 22407 | 48500  | 05208                             | 83822  |  |  | 135 | 94091 | 029                             | d <sub>c</sub> r <sub>c</sub>                               |                 |                                   | +               |   |
|              | Abbotsinch       | 140                                 | 82507 | 81026 | 20009 | 28432  | 06220                             | 81817  | 86070  |  | 140 | 12512                               | 75011 | 22006 | 18500  | 04309                             | 81820  |  |  | 140 | 95091 | 008                             | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> |                 |                                   | +               |   |
|              | Leuchars         | 171                                 | 72314 | 80036 | 17509 | 68432  | 06108                             | 82815  | 85650  |  | 171 | 12208                               | 72021 | 21205 | 18500  | 03221                             | 81825  |  |  | 171 | 97091 | 027                             | r <sub>c</sub> ir <sub>c</sub>                              |                 |                                   | +               |   |
|              | Dyce             | 091                                 | 72507 | 86022 | 16008 | 55572  | 04213                             | 81625  | 85635  | 86362  | 091 | 10000                               | 82021 | 20103 | 15630  | 00225                             | 81630  |  |  | 091 | 00093 | 015                             | +   |                 |                                   | +               |   |
|              | Lerwick          | 005                                 | 52225 | 70026 | 08207 | 38472  | 05005                             | 83812  |  |  | 005 | 32330                               | 80018 | 11206 | 39400  | 03232                             | 81910  |  |  | 005 | 03071 | 010                             | ir <sub>c</sub> pr <sub>c</sub>                             |                 |                                   | prph            |   |

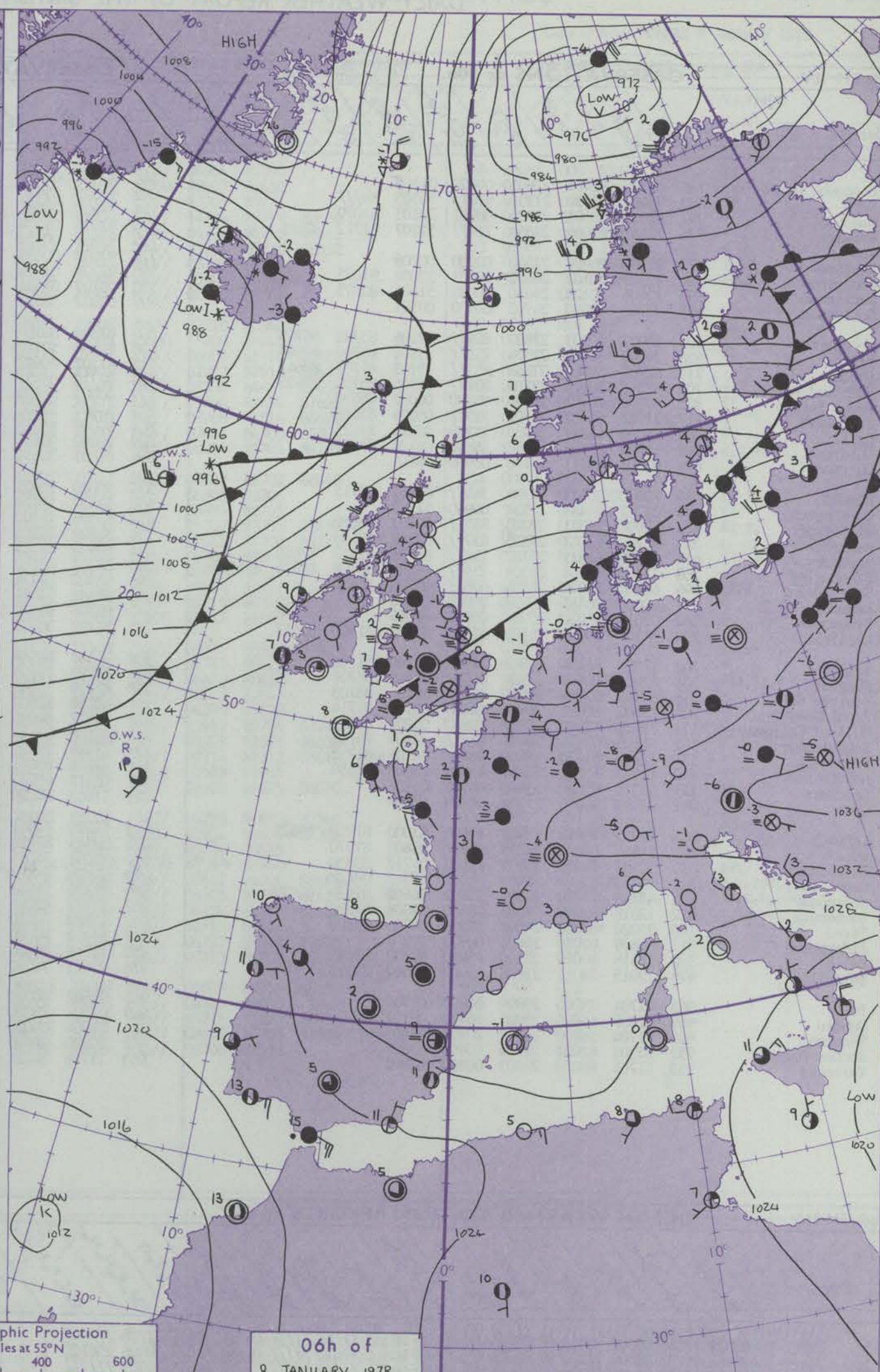
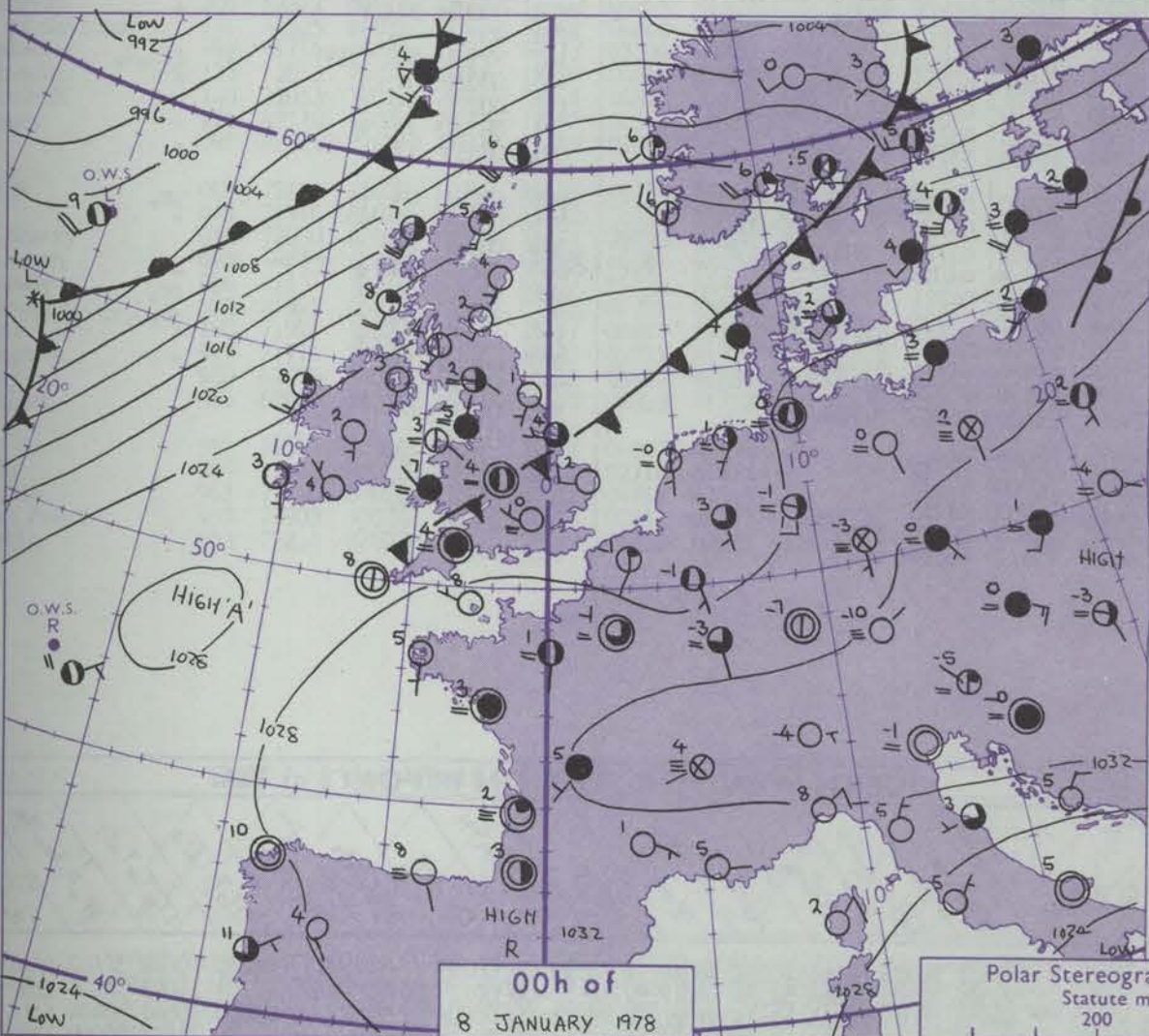
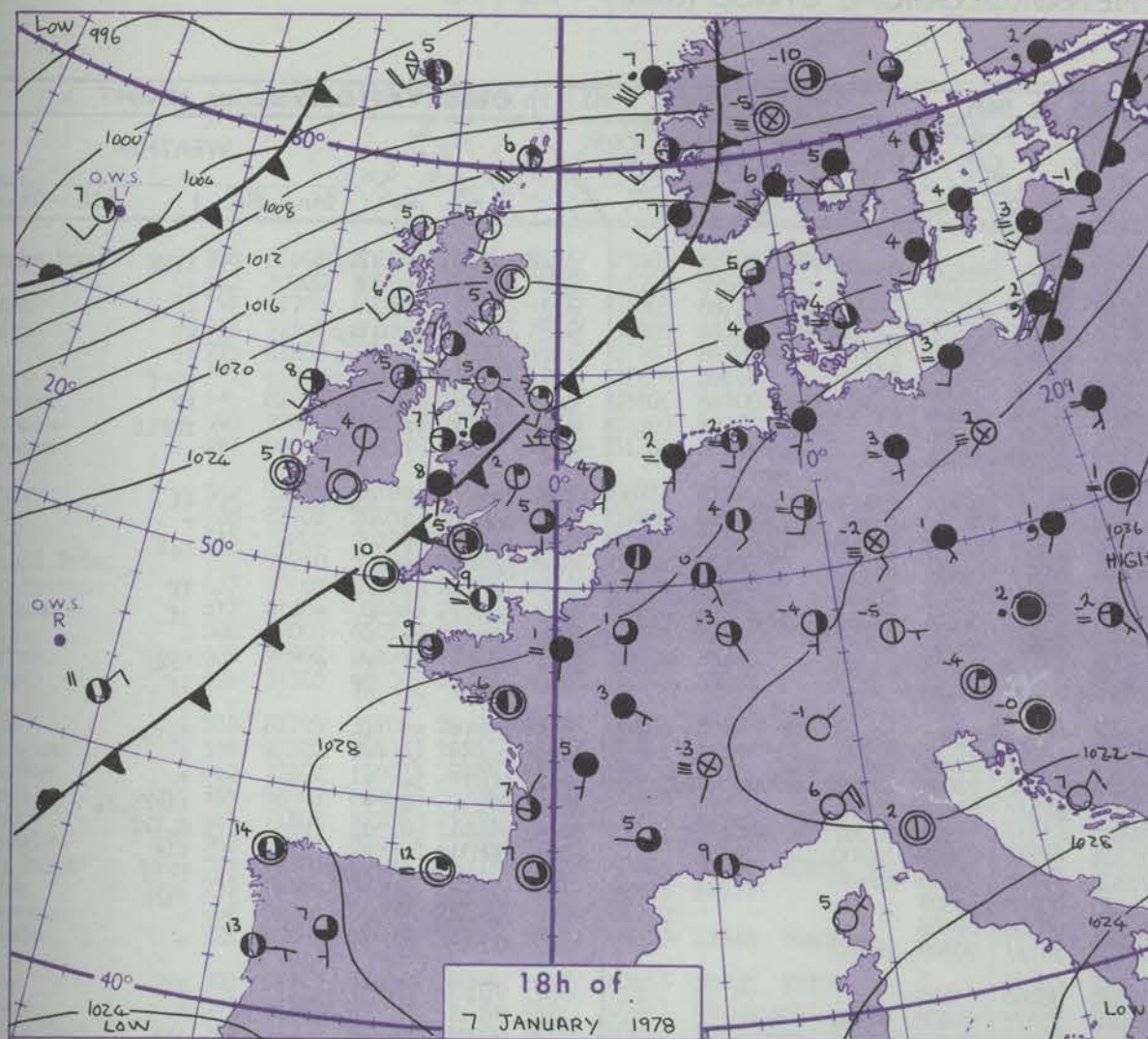


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

A complex depression has persisted from southeast Greenland, across Iceland to the north of Scandinavia. Pressure has remained high from Russia across Spain to the Azores and, between these two main pressure systems, a moist southwesterly airstream has been maintained across the British Isles. A weak cold front across Shetland to southwest Ireland has moved steadily southeast and now extends across Denmark to the Midlands but is

very weak in the south. During the next 24 hours little change is expected in the general pressure distribution but a cold front, at present southsouthwestwards across the Faeroes will move southeast reaching south Norway to Brest by tomorrow morning. Minor wave developments are likely to move quickly northeast along the front.

Issued at midday SUNDAY 8 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

42417

| Code FM II.V     |  | OBSERVATIONS at 00h. 8 January 1978 |       |       |       |  |                                   |  |  |  | OBSERVATIONS at 06h. 8 January 1978 |       |       |       |  |                                   |  |  |  | OBSERVATIONS during NIGHT |                                   |                               |         |           | Station                           |                    |              |           |
|------------------|--|-------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|-------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|---------------------------|-----------------------------------|-------------------------------|---------|-----------|-----------------------------------|--------------------|--------------|-----------|
| Station          |  | iii                                 | Nddff | VVwwW | PPPTT | N <sub>h</sub> C <sub>L</sub> h <sub>C</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                                 | Nddff | VVwwW | PPPTT | N <sub>h</sub> C <sub>L</sub> h <sub>C</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                       | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER |           |                                   |                    |              |           |
|                  |  |                                     |       |       |       |  |                                   |  |  |  |                                     |       |       |       |  |                                   |  |  |  |                           |                                   |                               |         | 21h.—03h. | 03h.—09h.                         |                    |              |           |
| Boscombe Down    |  | 746                                 | 03305 | 02464 | 27601 | 00900  | 01105                             |  |  |  | 746                                 | 80000 | 04464 | 27501 | 856//  | 01603                             | 88645  |  |  |                           | 746                               | 97511                         | 54      | iffEFF    | ffff                              | Boscombe           |              |           |
| Hurn             |  | 862                                 | 93402 | 02474 | 27750 | 91111  | 50105                             | 89111  |  |  | 862                                 | 93602 | 05474 | 28001 | 91111  | 01500                             | 89111  |  |  |                           | 862                               | 97521                         | 57      | ff        | ff                                | Hurn               |              |           |
| Manston          |  | 797                                 | 12603 | 38101 | 27000 | 00901  | 50103                             | 81070  |  |  | 797                                 | 32902 | 06461 | 26801 | 36400  | 01803                             | 83712  |  |  |                           | 797                               | 97523                         | 55      | +         | ff                                | Manston            |              |           |
| Gatwick          |  | 776                                 | 72401 | 03464 | 27351 | 754//  | 52207                             | 81712  | 87615  |  | 776                                 | 92001 | 01434 | 27452 | 91111  | 52504                             | 89111  |  |  |                           | 776                               | 00533                         | 56      | iff       | ff                                | Gatwick            |              |           |
| Kew              |  |                                     |       |       |       |  |                                   |  |  |  | 775                                 | 91901 | 00454 | 27351 | 91111  | 51501                             | 89111  |  |  |                           | 775                               | 00533                         | 58      | ffff      | ff                                | Kew                |              |           |
| Heathrow         |  | 772                                 | 02904 | 06461 | 27500 | 00900  | 00208                             |  |  |  | 772                                 | 92402 | 00474 | 27852 | 91111  | 52503                             | 89111  |  |  |                           | 772                               | 00523                         | 55      | ffff      | FF-f                              | Heathrow           |              |           |
| Honington        |  | 586                                 | 12501 | 20101 | 26552 | 00901  | 52002                             | 81075  |  |  | 586                                 | 92201 | 01494 | 26653 | 91111  | 53804                             | 89100  |  |  |                           | 586                               | 91533                         | 57      | iff       | ff                                | Honington          |              |           |
| Wattisham        |  | 590                                 | 22406 | 30100 | 26650 | 00902  | 51501                             | 82075  |  |  | 590                                 | 03107 | 01484 | 26454 | 00900  | 54704                             |  |  |  | 590                       | 00543                             | 57                            | f       | ffff      | FFFif                             | Wattisham          |              |           |
| Gorleston        |  | 497                                 | 02708 | 60020 | 26702 | 00900  | 00101                             |  |  |  | 497                                 | 02807 | 58020 | 26700 | 00900  | 51504                             |  |  |  | 497                       |                                   |                               |         |           |                                   | Gorleston          |              |           |
| Aberporth        |  | 502                                 | 83002 | 50105 | 27607 | 861//  | 07106                             | 85702  | 88705  |  | 502                                 | 81810 | 30104 | 26207 | 854//  | 07811                             | 82617  | 88644  |  |                           |                                   | 502                           | 97061   | 03        | id <sub>c</sub> ffff              | ff                 | Aberporth    |           |
| Filton           |  | 628                                 | 70000 | 30102 | 27804 | 753//  | 03106                             | 81706  | 87645  |  | 628                                 | 80000 | 20102 | 27405 | 852//  | 05606                             | 82703  | 85625  | 88642  |                           |                                   |                               | 628     | 00041     | 50                                | +                  | +            | Filton    |
| Rhoose           |  | 715                                 | 81702 | 56102 | 27506 | 853//  | 05105                             | 81706  | 88647  |  | 715                                 | 81102 | 40602 | 26806 | 871//  | 06807                             | 88702  |  |  |                           | 715                               | 97061                         | 01      | +         | r <sub>c</sub> f                  | Rhoose             |              |           |
| Hartland Point   |  | 703                                 | 82310 | 48022 | 27209 | 851//  | 09204                             | 85702  | 88623  |  | 703                                 | 92710 | 02454 | 26609 | 91111  | 09805                             | 89111  |  |  |                           | 703                               | 00091                         | 08      |           |                                   | Hartland           |              |           |
| Mount Batten     |  | 827                                 | 60000 | 20101 | 27706 | 65700  | 06002                             | 86650  |  |  | 827                                 | 80000 | 40102 | 27307 | 856//  | 07802                             | 88643  |  |  |                           | 827                               | 00051                         | 01      | +         | ff                                | Mount Batten       |              |           |
| St. Mawgan       |  | 817                                 | 71902 | 56102 | 27708 | 755//  | 08004                             | 87628  |  |  | 817                                 | 51602 | 58102 | 27106 | 55100  | 06806                             | 83702  | 83630  |  |                           |                                   | 817                           | 00051   | 50        | +                                 | ff                 | St. Mawgan   |           |
| Scilly           |  | 804                                 | 10000 | 66021 | 27908 | 15500  | 08304                             | 81625  |  |  | 804                                 | 30000 | 65011 | 26708 | 35500  | 08709                             | 83625  |  |  |                           | 804                               | 00081                         | 02      | +         | +                                 | Scilly             |              |           |
| Culdrose         |  | 809                                 | 10000 | 50101 | 28006 | 15600  | 06104                             | 81630  |  |  | 809                                 | 90000 | 00474 | 27505 | 91111  | 05705                             | 89100  |  |  |                           | 809                               | 97021                         | 51      | +         | FFff                              | Culdrose           |              |           |
| Guernsey         |  | 894                                 | 02803 | 65111 | 28108 | 00900  | 08104                             |  |  |  | 894                                 | 01801 | 30114 | 28307 | 00900  | 07503                             |  |  |  | 894                       | 00061                             | 51                            | if      | if        |                                   | Guernsey           |              |           |
| Elmdon           |  | 534                                 | 70000 | 30101 | 27304 | 764//  | 03107                             | 87712  |  |  | 534                                 | 80000 | 25602 | 26704 | 857//  | 04708                             | 88650  |  |  |                           | 534                               | 91011                         | 53      | +         | r <sub>c</sub> r <sub>c</sub>     | Elmdon             |              |           |
| Cardington       |  | 559                                 | 02702 | 09460 | 27351 | 00900  | 51307                             | 88620  |  |  | 559                                 | 62602 | 20104 | 27151 | 654//  | 51704                             | 86615  |  |  |                           | 559                               | 00533                         | 56      | f         | f                                 | Cardington         |              |           |
| Wittering        |  | 462                                 | 82908 | 56031 | 27203 | 855//  | 02107                             | 88620  |  |  | 462                                 | 83106 | 25102 | 27003 | 862//  | 02604                             | 83703  | 85704  | 88705  |                           |                                   |                               | 462     | 00011     | 54                                | +                  | +            | Wittering |
| Watnall          |  | 354                                 | 82704 | 15042 | 27205 | 857//  | 03107                             | 88650  |  |  | 354                                 | 80000 | 08462 | 26904 | 862//  | 03606                             | 88704  |  |  |                           | 354                               | 97031                         | 52      | +         | ffffd <sub>c</sub> r <sub>c</sub> | Watnall            |              |           |
| Shawbury         |  | 414                                 | 72802 | 64032 | 27107 | 754//  | 06105                             | 82614  | 87650  |  | 414                                 | 60903 | 01465 | 26605 | 650//  | 05808                             | 82701  | 86645  |  |                           |                                   | 414                           | 94041   | 03        | d <sub>c</sub>                    | d <sub>c</sub> fff | Shawbury     |           |
| Finningley       |  | 360                                 | 73105 | 15101 | 26306 | 753//  | 05206                             | 83708  | 84625  | 87650  | 360                                 | 83302 | 08462 | 26303 | 860//  | 03606                             | 88700  |  |  |                           | 360                               | 00031                         | 52      | +         | fff                               | Finningley         |              |           |
| Spurn Point      |  | 396                                 | 62704 | 50022 | 26204 | 656//  | 03208                             | 86630  |  |  | 396                                 | 92907 | 08434 | 26303 | 91111  | 03705                             | 89100  |  |  |                           | 396                               |                               |         |           |                                   | Spurn Point        |              |           |
| Leeming          |  | 257                                 | 00000 | 06461 | 26851 | 00900  | 52308                             |  |  |  | 257                                 | 01502 | 07424 | 26553 | 00900  | 54607                             |  |  |  | 257                       | 00543                             | 58                            | fff     | ffff      | Leeming                           |                    |              |           |
| Tynemouth        |  | 262                                 | 02610 | 61020 | 25904 | 00900  | 04006                             |  |  |  | 262                                 | 02306 | 66020 | 25601 | 00900  | 01808                             |  |  |  | 262                       | 00503                             | 52                            | +       | +         | +                                 | Tynemouth          |              |           |
| Carlisle         |  | 222                                 | 51102 | 30104 | 26102 | 55300  | 02307                             | 81708  | 85627  |  | 222                                 | 81702 | 30101 | 25101 | 861//  | 00807                             | 88702  |  |  |                           | 222                               | 00513                         | 54      | ff        | +                                 | Carlisle           |              |           |
| Valley           |  | 302                                 | 11202 | 18104 | 27303 | 16300  | 02106                             | 81706  |  |  | 302                                 | 01402 | 06464 | 25802 | 00900  | 02610                             |  |  |  | 302                       | 91011                             | 52                            | f       | ff        | Valley                            |                    |              |           |
| Ringway          |  | 334                                 | 83002 | 06504 | 27506 | 860//  | 06202                             | 88701  |  |  | 334                                 | 70902 | 18105 | 27004 | 753//  | 04808                             | 82706  | 87650  |  |                           |                                   | 334                           | 97041   | 01        | fd <sub>c</sub> d <sub>c</sub> f  | f                  | Ringway      |           |
| Squires Gate     |  | 318                                 | 80102 | 22106 | 27005 | 862//  | 05106                             | 88703  |  |  | 318                                 | 81203 | 18102 | 26404 | 860//  | 04708                             | 84701  | 88702  |  |                           |                                   | 318                           | 00021   | 02        | ff                                | fff                | Squires Gate |           |
| Ronaldsway       |  | 204                                 | 13402 | 80020 | 26604 | 16400  | 03105                             | 81714  |  |  | 204                                 | 40102 | 82020 | 25101 | 42400  | 01811                             | 82716  |  |  |                           | 204                               | 00001                         | 53      | +         | +                                 | Ronaldsway         |              |           |
| Mull of Galloway |  | 131                                 | 12410 | 83020 | 26207 | 15500  | 05207                             | 81625  |  |  | 131                                 | 12317 | 84030 | 24206 | 15600  | 06714                             | 81630  |  |  |                           | 131                               | 00051                         |         |           |                                   | Mull of Galloway   |              |           |
| Eskdalemuir      |  | 162                                 | 91603 | 02454 | 26401 | 91111  | 00107                             | 89100  |  |  | 162                                 | 92108 | 03434 | 24803 | 91111  | 02810                             | 89100  |  |  |                           | 162                               | 92501                         | 56      | ffff      | fffd <sub>c</sub> d <sub>c</sub>  | Eskdalemuir        |              |           |
| Prestwick        |  | 135                                 | 12206 | 61030 | 24404 | 164//  | 04104                             | 81715  |  |  | 135                                 | 21909 | 70030 | 22703 | 15701  | 02813                             | 81650  |  |  |                           | 135                               | 00021                         | 51      | +         | +                                 | Prestwick          |              |           |
| Abbotsinch       |  | 140                                 | 11903 | 65021 | 24404 | 15600  | 03006                             | 81630  |  |  | 140                                 | 42110 | 65011 | 22505 | 45400  | 04814                             | 82711  | 84616  |  |                           |                                   | 140                           | 00021   | 53        | +                                 | +                  | Abbotsinch   |           |
| Leuchars         |  | 171                                 | 0     |       |       |  |                                   |  |  |  |                                     |       |       |       |  |                                   |  |  |  |                           |                                   |                               |         |           |                                   |                    |              |           |

| OCEAN WEATHER STATION REPORTS at 00h. |  |
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## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

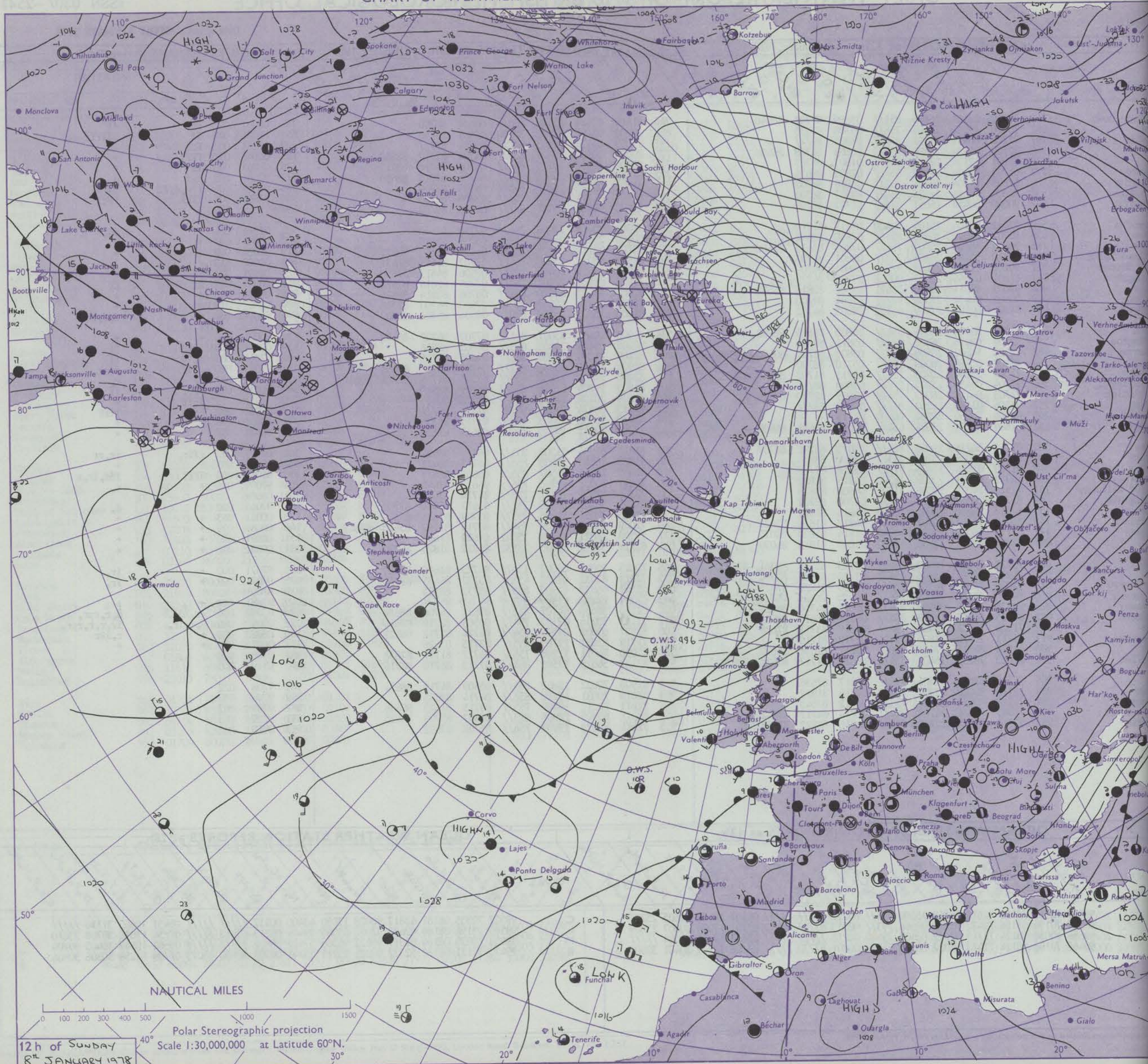
42417

Date of Issue MONDAY 9 JANUARY 1978

| Side FM 11.V |                  | OBSERVATIONS at 12h. 8 January 1978 |       |        |       |                                   |                    |  |  |  |     | OBSERVATIONS at 18h. 8 January 1978 |        |       |                                   |                    |  |  |  |       |     | OBSERVATIONS during DAY |     |                                     |           |  |
|--------------|------------------|-------------------------------------|-------|--------|-------|-----------------------------------|--------------------|--|--|--|-----|-------------------------------------|--------|-------|-----------------------------------|--------------------|--|--|--|-------|-----|-------------------------|-----|-------------------------------------|-----------|--|
| 09h.         | Station          | ill                                 | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff                               | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill   | RRT | T <sub>E</sub>          | SSS | WEATHER                             |           |  |
|              |                  |                                     |       |        |       |                                   |                    |  |  |  |     |                                     |        |       |                                   |                    |  |  |  |       |     |                         |     | 09h.—15h.                           | 15h.—21h. |  |
|              | Boscombe Down    | 746                                 | 81602 | 23104  | 26805 | 851//                             | 05809              | 87702  | 88640  |  | 746 | 81809                               | 07424  | 25306 | 860//                             | 06604              | 88700  |  | 746  | 00061 | 000 | FFF                     |     | ff                                  |           |  |
|              | Hurn             | 862                                 | 70000 | 19284  | 27405 | 756//                             | 05708              | 87635  |  |  | 862 | 30000                               | 02461  | 25402 | 35700                             | 02607              | 83650  |  | 862  | 00081 | 000 | ff                      |     | ifffff                              |           |  |
|              | Manston          | 797                                 | 92704 | 00454  | 27001 | 9//                               | 01805              | 89//   |  |  | 797 | 91803                               | 03474  | 26003 | 9//                               | 03701              | 89//   |  | 797  | 91031 | 000 | FFF                     |     | ff                                  |           |  |
|              | Gatwick          | 776                                 | 72102 | 04424  | 27600 | 753//                             | 50803              | 84708  | 86656  |  | 776 | 80000                               | 10104  | 25604 | 854//                             | 04704              | 87712  | 88650  | 776  | 00041 | 010 | FFFf                    |     | +                                   |           |  |
|              | Kew              | 775                                 | 61801 | 12104  | 27202 | 662//                             | 01807              | 86705  |  |  | 775 | 80000                               | 25102  | 25105 | 864//                             | 04706              | 86710  | 88713  | 775  | 00061 | 000 | ff                      |     | +                                   |           |  |
|              | Heathrow         | 772                                 | 61703 | 15104  | 27403 | 657//                             | 02809              | 86656  |  |  | 772 | 81803                               | 18052  | 25606 | 854//                             | 05706              | 83710  | 88650  | 772  | 97061 | 002 | fi f                    |     | +                                   |           |  |
|              | Honington        | 586                                 | 82603 | 01504  | 26403 | 860//                             | 03806              | 88700  |  |  | 586 | 81705                               | 06425  | 24603 | 860//                             | 03705              | 88700  |  | 586  | 97041 | 000 | FFd <sub>c</sub> ff     |     | ffff                                |           |  |
|              | Wattisham        | 590                                 | 82806 | 01424  | 26503 | 860//                             | 03807              | 88700  |  |  | 590 | 82107                               | 01444  | 25003 | 860//                             | 03804              | 88700  |  | 590  | 97041 | 000 | ffff                    |     | FFFF                                |           |  |
|              | Gorleston        | 497                                 | 90000 | 00454  | 26651 | 9//                               | 01707              | 89/00  |  |  | 497 | 90000                               | 00454  | 25502 | 9//                               | 02400              | 89/00  |  | 497  |       | 000 |                         |     |                                     |           |  |
|              | Aberporth        | 502                                 | 22012 | 58104  | 25109 | 28400                             | 08812              | 81710  |  |  | 502 | 71809                               | 70011  | 23008 | 756//                             | 07710              | 87640  |  | 502  | 97091 | 004 | ff                      |     | id <sub>c</sub>                     |           |  |
|              | Filton           | 628                                 | 82702 | 20052  | 26708 | 856//                             | 07808              | 88642  |  |  | 628 | 20000                               | 25051  | 24606 | 25600                             | 05708              | 82645  |  | 628  | 00091 | 000 | +                       |     | +                                   |           |  |
|              | Rhoose           | 715                                 | 70802 | 30106  | 26507 | 754//                             | 07805              | 83615  | 87640  |  | 715 | 83102                               | 22111  | 24207 | 854//                             | 06608              | 81710  | 88622  | 715  | 00091 | 006 | +                       |     | +                                   |           |  |
|              | Hartland Point   | 703                                 | 72710 | 35284  | 26708 | 762//                             | 08801              | 87703  |  |  | 703 | 82508                               | 66021  | 23908 | 884//                             | 07707              | 81815  | 88632  | 703  | 00090 | 023 |                         |     |                                     |           |  |
|              | Mount Batten     | 827                                 | 90102 | 01474  | 27108 | 9//                               | 08804              | 89/00  |  |  | 827 | 71905                               | 58054  | 24409 | 784//                             | 08506              | 84813  | 87650  | 827  | 00101 | 012 | FF                      |     | +                                   |           |  |
|              | St. Mawgan       | 817                                 | 61604 | 03444  | 26607 | 00908                             | 07806              | 86275  |  |  | 817 | 71903                               | 06464  | 24307 | 784//                             | 07704              | 82816  | 87626  | 817  | 00091 | 007 | ff                      |     | ff                                  |           |  |
|              | Scilly           | 804                                 | 62003 | 65011  | 26310 | 38471                             | 08806              | 82816  | 85075  |  | 804 | 80000                               | 58022  | 23910 | 884//                             | 08706              | 82814  | 88626  | 804  | 00101 | 005 | +                       |     | +                                   |           |  |
|              | Culdrose         | 809                                 | 90902 | 00474  | 27008 | 9//                               | 08804              | 89/00  |  |  | 809 | 70000                               | 06424  | 24507 | 760//                             | 07603              | 84700  | 87708  | 809  | 00101 | 020 | +                       |     | +                                   |           |  |
|              | Guernsey         | 894                                 | 51505 | 60104  | 27909 | 46102                             | 08805              | 84702  |  |  | 894 | 81508                               | 15505  | 26108 | 870//                             | 08804              | 85701  | 86702  | 894  | 95091 | 007 | +                       |     | d <sub>c</sub> d <sub>c</sub> fdd   |           |  |
|              | Elmdon           | 534                                 | 81703 | 35106  | 26006 | 854//                             | 06808              | 83615  | 88650  |  | 534 | 81908                               | 20102  | 23607 | 851//                             | 07707              | 86702  | 88640  | 534  | 00071 | 000 | +                       |     | +                                   |           |  |
|              | Cardington       | 559                                 | 92202 | 00474  | 26603 | 9//                               | 03811              | 89/00  |  |  | 559 | 82205                               | 09464  | 24806 | 863//                             | 06803              | 88706  |  | 559  | 00061 | 000 | ffff                    |     | ff                                  |           |  |
|              | Wittering        | 462                                 | 72402 | 14602  | 26405 | 652//                             | 05809              | 82704  | 86640 86360                                    |  | 462 | 82106                               | 11286  | 24406 | 862//                             | 05605              | 88705  |  | 462  | 97061 | 000 | r <sub>c</sub>          |     | ff                                  |           |  |
|              | Watnall          | 354                                 | 82403 | 05466  | 26005 | 860//                             | 05710              | 88700  |  |  | 354 | 81904                               | 10284  | 23406 | 852//                             | 06707              | 83703  | 88650  | 354  | 97071 | 000 | d <sub>c</sub> ff       |     | ff-r <sub>c</sub>                   |           |  |
|              | Shawbury         | 414                                 | 71802 | 22284  | 25406 | 751//                             | 05715              | 81702  | 87645  |  | 414 | 82406                               | 57602  | 22908 | 853//                             | 07505              | 81709  | 83712 88616                                    | 414  | 97091 | 001 | FF                      |     | r <sub>c</sub>                      |           |  |
|              | Finningley       | 360                                 | 91704 | 03434  | 25205 | 9//                               | 05808              | 89//   |  |  | 360 | 81905                               | 19104  | 22306 | 856//                             | 06709              | 88640  |  | 360  | 00071 | 000 | FFFF                    |     | ff                                  |           |  |
|              | Spurn Point      | 396                                 | 72703 | 06424  | 26003 | 754//                             | 03805              | 82710  | 87620  |  | 396 | 81709                               | 20104  | 22905 | 855//                             | 05710              | 88625  |  | 396  |       |     | FFFF                    |     | +                                   |           |  |
|              | Leeming          | 257                                 | 91506 | 01494  | 25252 | 9//                               | 52813              | 89//   |  |  | 257 | 91713                               | 00474  | 21501 | 9//                               | 01814              | 89//   |  | 257  | 00031 | 000 | FFFF                    |     | ffff                                |           |  |
|              | Tynemouth        | 262                                 | 02306 | 56050  | 24203 | 00900                             | 01713              |  |  |  | 262 | 42010                               | 56050  | 20303 | 40930                             | 01715              | 84358  |  | 262  | 00051 | 060 | +                       |     | +                                   |           |  |
|              | Carlisle         | 222                                 | 61604 | 62031  | 23604 | 654//                             | 02813              | 81618  | 86630  |  | 222 | 12208                               | 70011  | 19805 | 15600                             | 03617              | 81630  |  | 222  | 00071 | 037 | +                       |     | +                                   |           |  |
|              | Valley           | 302                                 | 81712 | 56214  | 24008 | 861//                             | 07815              | 85702  | 88709  |  | 302 | 81914                               | 81036  | 21308 | 855//                             | 06710              | 88627  |  | 302  | 01081 | 002 | ifir <sub>c</sub>       |     | ir <sub>c</sub> rr                  |           |  |
|              | Ringway          | 334                                 | 82102 | 18044  | 25706 | 863//                             | 05811              | 88706  |  |  | 334 | 81908                               | 30042  | 22508 | 855//                             | 06711              | 88622  |  | 334  | 00081 | 001 | F                       |     | +                                   |           |  |
|              | Squires Gate     | 318                                 | 91308 | 01454  | 24605 | 9//                               | 05818              | 89//   |  |  | 318 | 82007                               | 25215  | 21507 | 855//                             | 06609              | 88627  |  | 318  | 92071 | 000 | FFFF                    |     | ffdc <sub>c</sub> ir <sub>c</sub> r |           |  |
|              | Ronaldsway       | 204                                 | 12312 | 84021  | 23008 | 18500                             | 04815              | 81822  |  |  | 204 | 72011                               | 80031  | 19708 | 756//                             | 04613              | 87645  |  | 204  | 97091 | 048 | +                       |     | r <sub>c</sub>                      |           |  |
|              | Mull of Galloway | 131                                 | 42525 | 84031  | 22508 | 31501                             | 04808              | 83828  |  |  | 131 | 72328                               | 82031  | 18407 | 755//                             | 04714              | 87620  |  | 131  | 00081 |     |                         |     |                                     |           |  |
|              | Eskdalemuir      | 162                                 | 81714 | 20285  | 23503 | 861//                             | 03704              | 88702  |  |  | 162 | 71811                               | 50102  | 18804 | 762//                             | 03617              | 85704  | 87708  | 162  | 97041 | 000 | ff                      |     | d <sub>c</sub>                      |           |  |
|              | Prestwick        | 135                                 | 12013 | 75010  | 20806 | 18500                             | 04814              | 81822  |  |  | 135 | 72016                               | 70031  | 17306 | 755//                             | 03709              | 8  |  |  |       |     |                         |     |                                     |           |  |

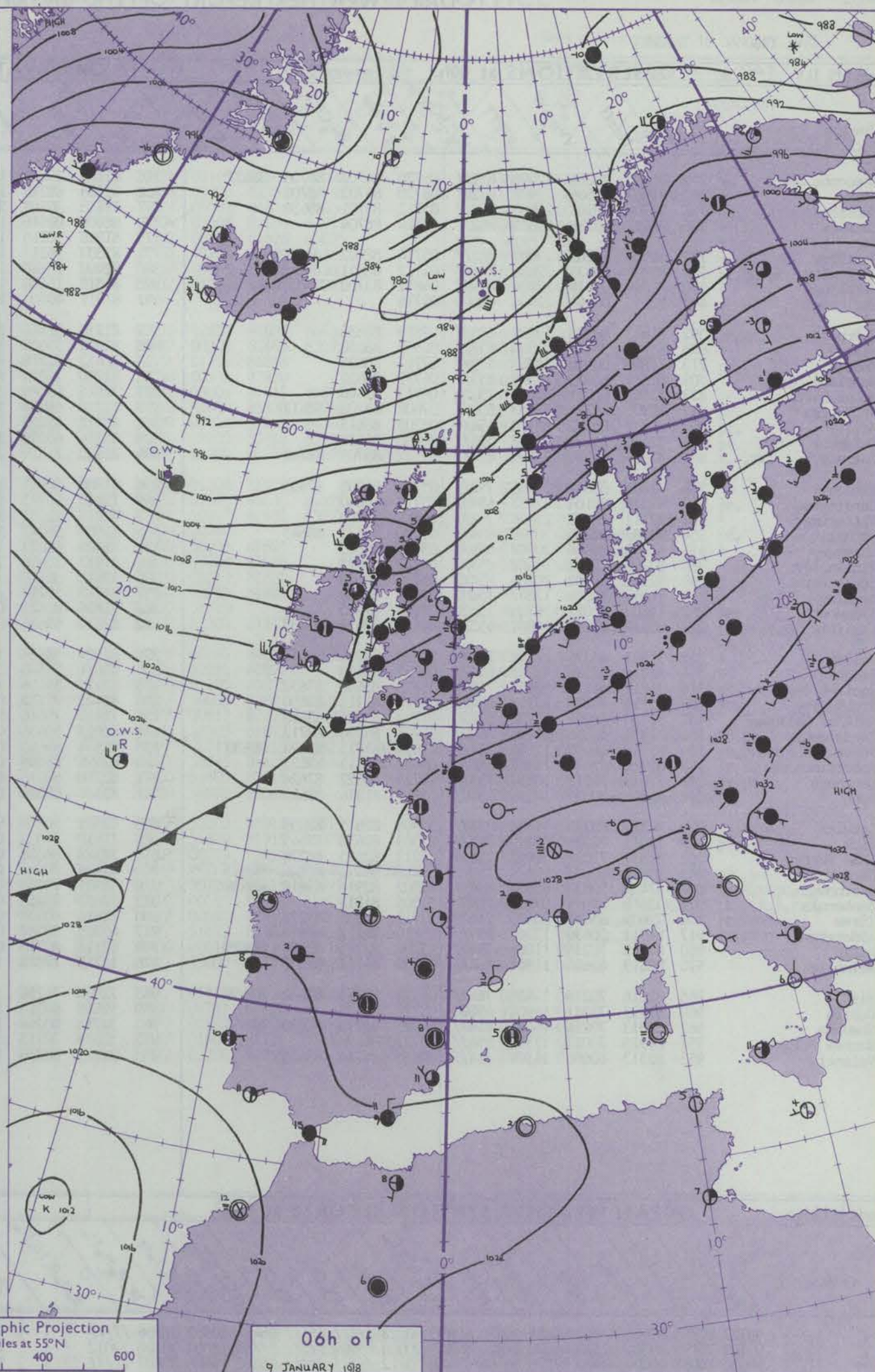
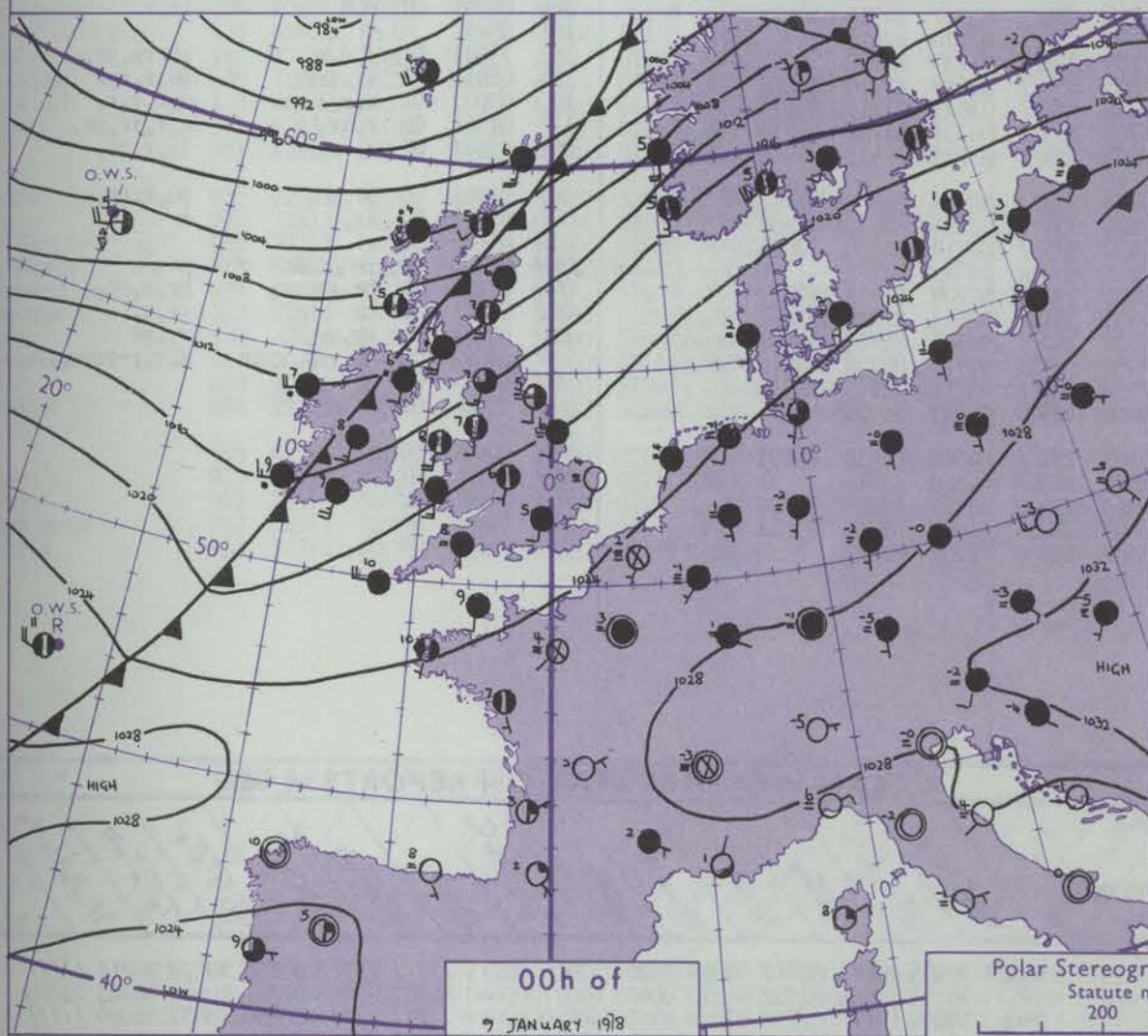
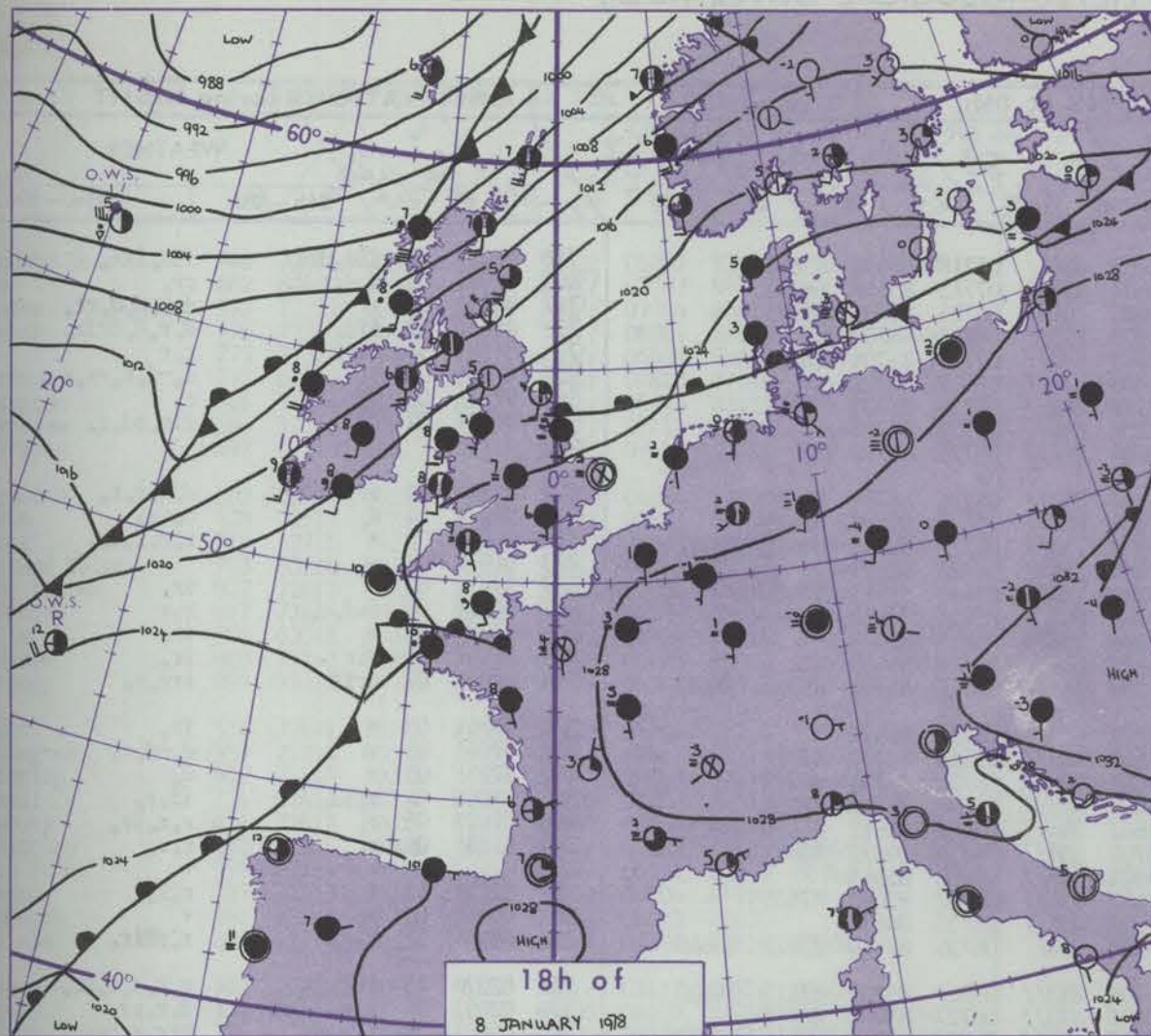


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

Issued at midday MONDAY 9 JANUARY 1978

During the past 24 hours pressure remained low near Iceland and high over central Europe. A broad southwesterly airstream was generated over the country, a trough of low pressure in this airstream moving eastwards over Northern Ireland and Scotland. During

the next 24 hours this trough of low pressure will continue its eastward movement, crossing all remaining districts. All parts of the British Isles will then be under the influence of a fresh or strong westerly airstream.



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. 9 January 1978 |     |       |       |       |  |                                   |  |  |  | OBSERVATIONS at 06h. 9 January 1978 |       |       |       |  |                                   |  |  |  |       | OBSERVATIONS during NIGHT         |                                 |   |   |              | Station |
|-------------------------------------|-----|-------|-------|-------|--|-----------------------------------|--|--|--|-------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|-------|-----------------------------------|---------------------------------|---|---|--------------|---------|
| Code FM II.V                        |     |       |       |       |  |                                   |  |  |  | Code FM II.V                        |       |       |       |  |                                   |  |  |  |       | Code FM II.V                      |                                 |   |   |              |         |
| Station                             | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>h</sub> Ch <sub>h</sub> h <sub>h</sub> | 8N <sub>h</sub> Ch <sub>h</sub> h <sub>h</sub> | 8N <sub>h</sub> Ch <sub>h</sub> h <sub>h</sub> | iii                                 | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>h</sub> Ch <sub>h</sub> h <sub>h</sub> | 8N <sub>h</sub> Ch <sub>h</sub> h <sub>h</sub> | 8N <sub>h</sub> Ch <sub>h</sub> h <sub>h</sub> | iii   | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub>   | WEATHER   |   |              |         |
|                                     |     |       |       |       |  |                                   |  |  |  |                                     |       |       |       |  |                                   |  |  |  |       |                                   |                                 | 21h.—03h.   | 03h.—09h.   |              |         |
| Boscombe Down                       | 746 | 81608 | 23284 | 22406 | 851//  | 06720                             | 84702  | 86706  | 88627  | 746                                 | 62108 | 28286 | 18705 | 656//  | 05718                             | 83630  | 85645  |  | 746   | 96051                             | 03                              | ffd <sub>c</sub> drff   | ffd <sub>c</sub> ifr <sub>c</sub>   | Boscombe     |         |
| Hurn                                | 862 | 81607 | 22586 | 22908 | 872//  | 08720                             | 85703  | 88706  |  | 862                                 | 62306 | 62216 | 19607 | 35630  | 07713                             | 83640  | 84360  |  | 862   | 02061                             | 00                              | d <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub>     | rr <sub>c</sub>   | Hurn         |         |
| Manston                             | 797 | 81706 | 30104 | 24905 | 852//  | 05712                             | 83705  | 88630  |  | 797                                 | 81813 | 30101 | 20006 | 860//  | 06725                             | 83701  | 88703  |  | 797   | 96031                             | 02                              | +   | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> rr <sub>c</sub> | Manston      |         |
| Gatwick                             | 776 | 81907 | 45282 | 23605 | 862//  | 05714                             | 88704  |  |  | 776                                 | 82008 | 08516 | 18908 | 870//  | 08723                             | 88700  |  | 776  | 01031 | 52                                | ifd <sub>c</sub>                | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> drff <sub>c</sub>  | Gatwick   |              |         |
| Kew                                 |     |       |       |       |  |                                   |  |  |  | 775                                 | 81906 | 50216 | 18408 | 872//  | 07727                             | 85704  | 88706  |  | 775   | 01501                             | 53                              | ffr <sub>c</sub>  | r <sub>c</sub> r  | Kew          |         |
| Heathrow                            | 772 | 81908 | 18282 | 23605 | 861//  | 05714                             | 88702  |  |  | 772                                 | 82307 | 56215 | 18808 | 871//  | 08725                             | 88702  |  | 772  | 01051 | 02                                | ifr <sub>c</sub>                | d <sub>c</sub> -d <sub>c</sub> r <sub>c</sub> -r <sub>c</sub> r | Heathrow  |              |         |
| Honington                           | 586 | 81806 | 08424 | 22404 | 856//  | 04712                             | 88641  |  |  | 586                                 | 82007 | 23604 | 18105 | 852//  | 05726                             | 86703  | 88618  |  | 586   | 97031                             | 03                              | ff  | r <sub>c</sub>  | Honington    |         |
| Wattisham                           | 590 | 82009 | 07414 | 22904 | 860//  | 04811                             | 83700  | 88702  |  | 590                                 | 81811 | 15506 | 18205 | 860//  | 05729                             | 88700  |  | 590  | 01031 | 02                                | ff                              | ffr <sub>c</sub> rd <sub>c</sub> r <sub>c</sub>                 | Wattisham   |              |         |
| Gorleston                           | 497 | 02010 | 00464 | 22904 | 00900  | 04714                             |  |  |  | 497                                 | 81911 | 40505 | 18605 | 864//  | 05725                             | 88710  |  | 497  |       |                                   |                                 |   | Gorleston   |              |         |
| Aberporth                           | 502 | 81813 | 68215 | 19807 | 856//  | 07819                             | 88635  |  |  | 502                                 | 82216 | 62616 | 15407 | 853//  | 06726                             | 84708  | 88620  |  | 502   | 02061                             | 05                              | ir <sub>c</sub> id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>   | d <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                 | Aberporth    |         |
| Filton                              | 628 | 81708 | 35101 | 21807 | 857//  | 06817                             | 88650  |  |  | 628                                 | 82410 | 59505 | 17708 | 854//  | 05621                             | 86618  | 88635  |  | 628   | 97071                             | 51                              | d <sub>c</sub>  | d <sub>c</sub> -r <sub>c</sub>  | Filton       |         |
| Rhoose                              | 715 | 81807 | 60022 | 21708 | 855//  | 07717                             | 88624  |  |  | 715                                 | 72412 | 72216 | 17407 | 753//  | 06722                             | 81708  | 84612  | 87642  | 715   | 91071                             | 06                              | +   | r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> ir <sub>c</sub>                | Rhoose       |         |
| Hartland Point                      | 703 | 82312 | 66022 | 21509 | 855//  | 06713                             | 88629  |  |  | 703                                 | 82730 | 74028 | 17308 | 855//  | 06720                             | 88629  |  | 703  | 01072 | 07                                |                                 |   | Hartland  |              |         |
| Mount Batten                        | 827 | 22102 | 62031 | 22408 | 25600  | 08713                             | 82640  |  |  | 827                                 | 72615 | 65026 | 20109 | 784//  | 05610                             | 81815  | 87645  |  | 827   | 97071                             | 02                              | +   | ir <sub>c</sub>   | Mount Batten |         |
| St. Mawgan                          | 817 | 81906 | 12284 | 22707 | 850//  | 07608                             | 83700  | 88617  |  | 817                                 | 82210 | 65026 | 19408 | 855//  | 05716                             | 88622  |  | 817  | 01071 | 06                                | fid <sub>c</sub> r <sub>c</sub> | r <sub>c</sub> r  | St. Mawgan  |              |         |
| Scilly                              | 804 | 82718 | 65022 | 22310 | 854//  | 08707                             | 88615  |  |  | 804                                 | 82422 | 82022 | 19810 | 855//  | 05815                             | 88623  |  | 804  | 97081 | 07                                | +                               | ir <sub>c</sub>   | Scilly  |              |         |
| Culdrose                            | 809 | 52409 | 50104 | 22808 | 556//  | 08608                             | 85635  |  |  | 809                                 | 62516 | 68036 | 19709 | 65600  | 05816                             | 86630  |  | 809  | 91051 | 04                                | Fir                             | ir <sub>c</sub>   | Culdrose  |              |         |
| Guernsey                            | 894 | 82009 | 15216 | 23609 | 870//  | 09712                             | 85701  | 88702  |  | 894                                 | 82508 | 25616 | 21609 | 851//  | 08711                             | 85702  | 87630  |  | 894   | 02091                             | 07                              | drff  | irr <sub>c</sub> r <sub>c</sub>   | Guernsey     |         |
| Elmdon                              | 534 | 71907 | 35042 | 21006 | 752//  | 05722                             | 84705  | 87635  |  | 534                                 | 61808 | 58041 | 15707 | 656//  | 06728                             | 86640  |  | 534  | 97061 | 05                                | +                               | ir <sub>c</sub>   | Elmdon  |              |         |
| Cardington                          | 559 | 62310 | 50104 | 22705 | 656//  | 05712                             | 86640  |  |  | 559                                 | 72010 | 59215 | 17807 | 763//  | 07628                             | 83707  | 87712  |  | 559   | 97041                             | 00                              | +   | d <sub>c</sub> -d <sub>c</sub> r <sub>c</sub>                               | Cardington   |         |
| Wittering                           | 462 | 72311 | 16102 | 21806 | 761//  | 06716                             | 87702  |  |  | 462                                 | 82111 | 12501 | 17406 | 860//  | 06724                             | 83701  | 88702  |  | 462   | 97051                             | 03                              | +   | d <sub>c</sub>  | Wittering    |         |
| Watnall                             | 354 | 82007 | 20206 | 20707 | 856//  | 06720                             | 83632  | 88645  |  | 354                                 | 82008 | 56042 | 15306 | 853//  | 05828                             | 83708  | 88636  |  | 354   | 91061                             | 04                              | r <sub>c</sub> id <sub>c</sub>                                  | id <sub>c</sub> r <sub>c</sub>  | Watnall      |         |
| Shawbury                            | 414 | 61903 | 60046 | 20007 | 655//  | 05720                             | 86625  |  |  | 414                                 | 82404 | 65022 | 14607 | 854//  | 05621                             | 84612  | 88625  |  | 414   | 01071                             | 05                              | r <sub>c</sub>  | r <sub>c</sub> r <sub>c</sub> ir <sub>c</sub>                               | Shawbury     |         |
| Finningley                          | 360 | 82008 | 23602 | 19407 | 855//  | 06717                             | 88623  |  |  | 360                                 | 81913 | 50046 | 13707 | 856//  | 05730                             | 84632  | 88642  |  | 360   | 91061                             | 04                              | r <sub>c</sub>  | r <sub>c</sub> r <sub>c</sub>   | Finningley   |         |
| Spurn Point                         | 396 | 82108 | 40102 | 20206 | 856//  | 05715                             | 88640  |  |  | 396                                 | 52014 | 30102 | 14806 | 556//  | 05834                             | 85645  |  | 396  |       |                                   | +                               | +   | Spurn Point   |              |         |
| Leeming                             | 257 | 11913 | 75014 | 17607 | 15601  | 03621                             | 81630  |  |  | 257                                 | 71712 | 57211 | 11405 | 754//  | 05732                             | 83618  | 87635  |  | 257   | 97031                             | 53                              | f   | r <sub>c</sub> r <sub>c</sub>   | Leeming      |         |
| Tynemouth                           | 262 | 12008 | 61021 | 16105 | 15500  | 03728                             | 81625  |  |  | 262                                 | 61816 | 81021 | 09907 | 656//  | 05733                             | 86630  |  | 262  | 00031 | 02                                | +                               | +   | Tynemouth   |              |         |
| Carlisle                            | 222 | 62213 | 70216 | 14807 | 655//  | 04727                             | 82624  | 85635  |  | 222                                 | 82114 | 63616 | 08408 | 854//  | 06735                             | 82710  | 85627  | 88640  | 222   | 05051                             | 51                              | r <sub>c</sub> r <sub>c</sub>                                   | r <sub>c</sub> r <sub>c</sub> ir <sub>c</sub>                               | Carlisle     |         |
| Valley                              | 302 | 71921 | 65216 | 17208 | 753//  | 07827                             | 83706  | 86614  |  | 302                                 | 82229 | 58586 | 11908 | 853//  | 07829                             | 83707  | 87612  | 88620  | 302   | 02071                             | 05                              | irir <sub>c</sub>   | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> pr <sub>c</sub> | Valley       |         |
| Ringway                             | 334 | 81911 | 57216 | 19607 | 856//  | 06725                             | 88640  |  |  | 334                                 | 82011 | 56586 | 14007 | 873//  | 06727                             | 81708  | 88712  |  | 334   | 02051                             | 05                              | r <sub>c</sub> r <sub>c</sub>                                   | d <sub>c</sub> r <sub>c</sub> rr  | Ringway      |         |
| Squires Gate                        | 318 | 71811 | 66216 | 17907 | 756//  | 05723                             | 83630  | 87650  |  | 318                                 | 82416 | 59616 | 12207 | 854//  | 06730                             | 82710  | 85616  | 88633  | 318   | 04061                             | 04                              | r <sub>c</sub> r <sub>c</sub> r                                 | Rrr <sub>c</sub> r <sub>c</sub> pr <sub>c</sub>                             | Squires Gate |         |
| Ronaldsway                          | 204 | 82115 | 75026 | 15108 | 854//  | 06724                             | 81711  | 88650  |  | 204                                 | 82421 | 75210 | 09508 | 854//  | 05727                             | 84714  | 88622  |  | 204   | 02051                             | 03                              | r <sub>c</sub> R  | ir <sub>c</sub> r   | Ronaldsway   |         |
| Mull of Galloway                    | 131 | 52130 | 82031 | 13308 | 35510  | 07722                             | 83625  | 85460  |  | 131                                 | 72420 | 70616 | 08607 | 755//  | 07720                             | 87625  |  | 131  | 03041 |                                   |                                 |   | Mull of Galloway  |              |         |
| Eskdalemuir                         | 162 | 81816 | 58055 | 14006 | 862//  | 05725                             | 84704  | 88712  |  | 162                                 | 82017 | 50636 | 07705 | 873//  | 05733                             | 88708  |  | 162  | 11031 | 01                                | d <sub>c</sub> d <sub>c</sub> r | rRrrr <sub>c</sub> ir <sub>c</sub>                              | Eskdalemuir   |              |         |
| Prestwick                           | 135 | 82118 | 68602 | 12107 | 854//  | 05624                             | 81715  | 83626  | 88630  | 135                                 | 82514 | 59626 | 07805 | 854//  | 03619                             | 81710  | 84618  | 86630  | 135   | 06051                             | 03                              | ir <sub>c</sub> irrr  | id <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r                             | Prestwick    |         |
| Abbotsinch                          | 140 | 82319 | 62616 | 11107 | 854//  | 05622                             | 82715  | 87622  |  | 140                                 | 82506 | 65606 | 06905 | 854//  | 03623                             | 81715  | 85622  | 88650  | 140   | 05032                             | 01                              | d <sub>c</sub> r <sub>c</sub> ir <sub>c</sub> rr                | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                 | Abbotsinch   |         |
| Leuchars                            | 171 | 72019 | 70211 | 1     |  |                                   |  |  |  |                                     |       |       |       |  |                                   |  |  |  |       |                                   |                                 |   |   |              |         |



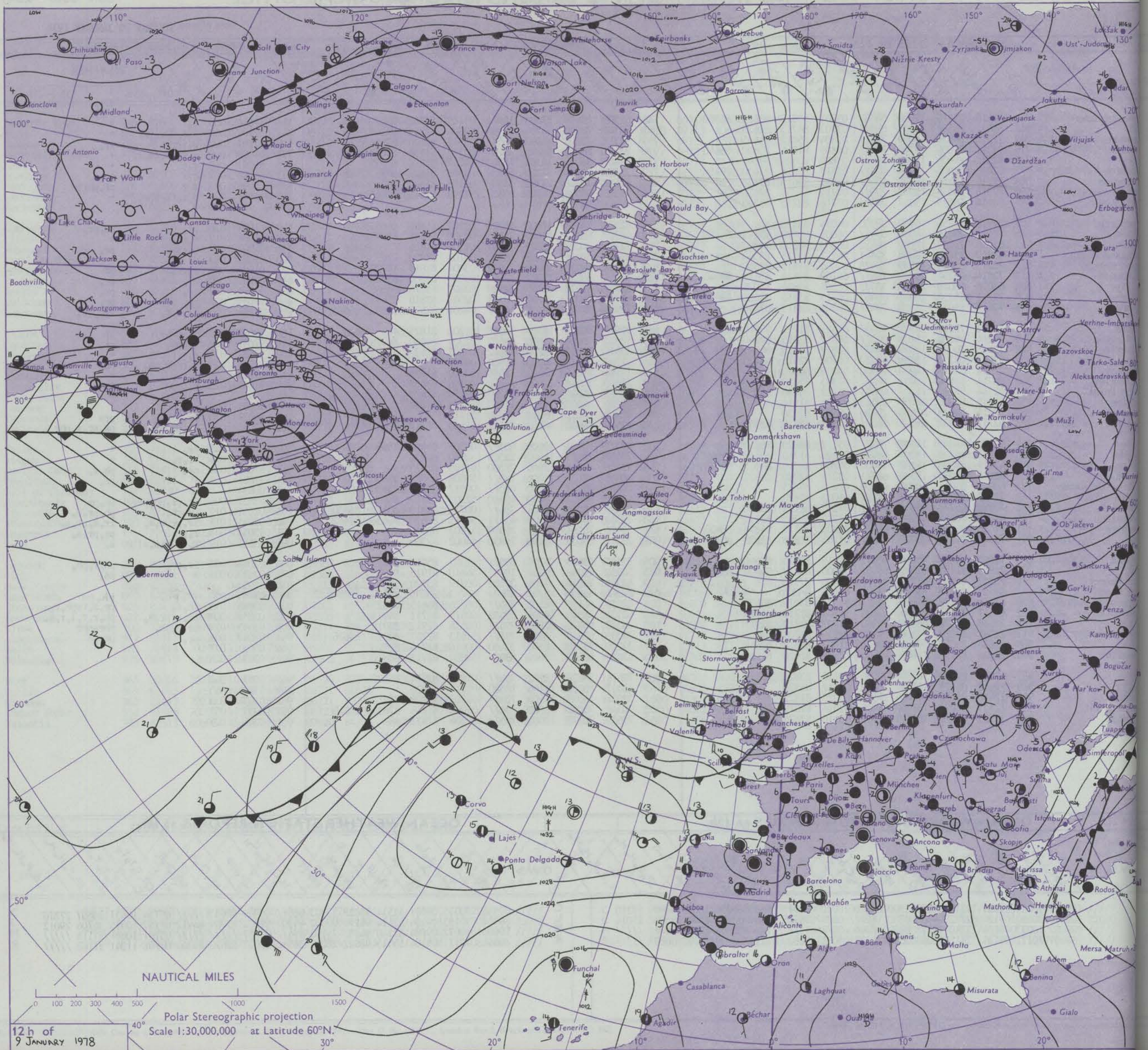
## ISSN 0307-2541

Date of Issue TUESDAY 10 JANUARY 1978

| de FM 21.V |        | OCEAN WEATHER STATION REPORTS at 12h.          |            |       |       |        |       |   |                                   |  |  |  |  |  |  | OCEAN WEATHER STATION REPORTS at 18h. |  |            |       |       |        |       |   |                                   |  |  |  |  |  |  |
|------------|--------|--|------------|-------|-------|--------|-------|---|-----------------------------------|--|--|--|--|--|--|---------------------------------------|--|------------|-------|-------|--------|-------|---|-----------------------------------|--|--|--|--|--|--|
| O.W.S.     |        | 99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub> | QcLoLoLoLo | YGGIw | Nddff | VVwwVV | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | D <sub>s</sub> v <sub>s</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | OT <sub>5</sub> T <sub>5</sub> T <sub>d</sub> T <sub>d</sub> | IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> | 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | O.W.S.                                | 99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub> | QcLoLoLoLo | YGGIw | Nddff | VVwwVV | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | D <sub>s</sub> v <sub>s</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | OT <sub>5</sub> T <sub>5</sub> T <sub>d</sub> T <sub>d</sub> | IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> | 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> |
| ////       | C<br>R | 99527  | 70355      | 09121 | 72815 | 98278  | 23202 | 73400   | 00209                             | 81915  | 86635  | 05956  | 10660  | 30909  | 27210  |                                       | 99527  | 70355      | 09181 | 82514 | 98028  | 23903 | 855//   | 00009                             | 88633  | ////   | 05754  | 10651  | 30807  | 27210  |
| 2010       |        | 99570  | 70190      | 09124 | 82732 | 94858  | 05301 | 892//   | 00317                             | 86705  | 88909  | 0//52  | 10984  | 30808  | 21014  |                                       | 99570  | 70195      | 09184 | 52624 | 96278  | 02302 | 49302   | 61802                             | 82709  | 84912  | 0//52  | 10995  | 30706  | 29012  |
| ////       |        | 99662  | 10033      | 09124 | 72240 | 97278  | 81205 | 79460   | 00725                             | ////   | ////   | 05352  | 10652  | 31012  | ////   |                                       | 99661  | 10032      | 09184 | 82240 | 96888  | 75103 | 894//   | 00707                             | ////   | 05701  | 10681  | 31114  | ////   |  |
| ////       |        | 99469  | 70172      | 09124 | 52818 | 98018  | 28211 | 48542   | 00117                             | 82820  | ////   | 0//09  | 11232  | 30807  | ////   |                                       | 99468  | 70171      | 09184 | 53015 | 98022  | 28011 | 38540   | 00307                             | 82820  | 83360  | 0//08  | 11241  | 31108  | ////   |



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

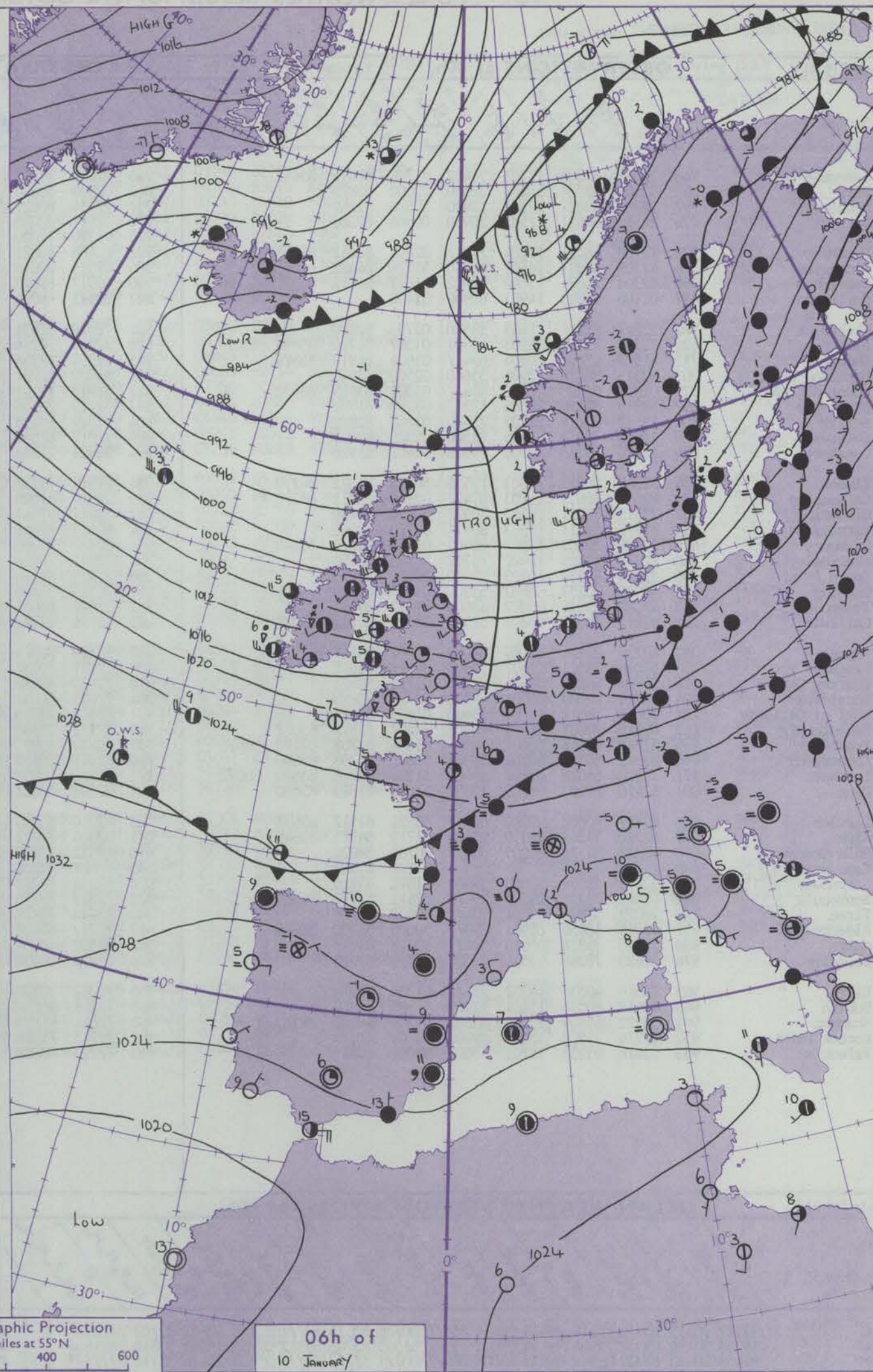
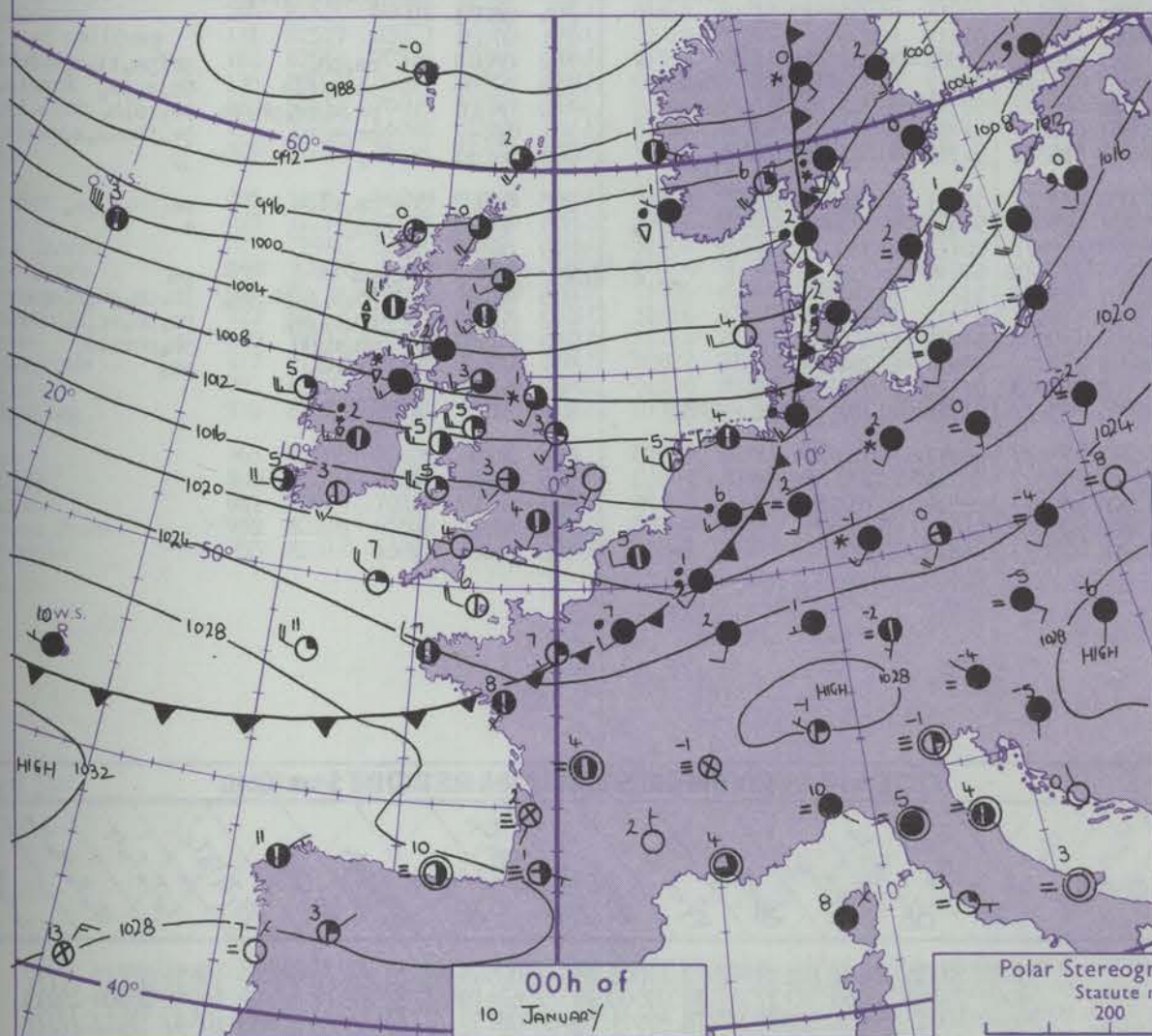
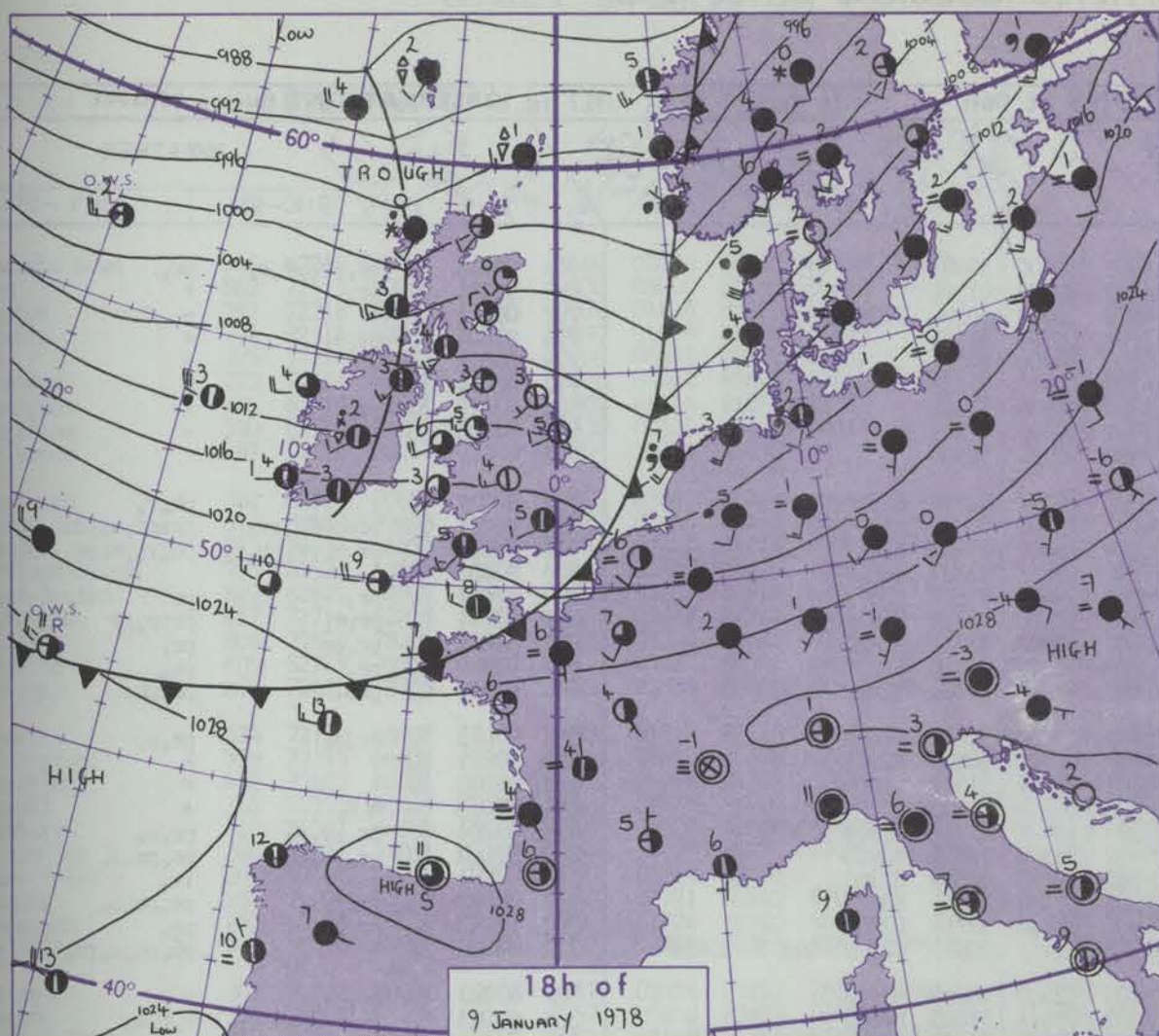


12 h of  
9 JANUARY 1978

Polar Stereographic projection  
Scale 1:30,000,000 at Latitude 60°N.



# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a deep low east of Iceland moved steadily northeast, leaving a trough of low pressure extending to the south of Iceland. Pressure remained high over southeast Europe. Troughs of low pressure moved east across the British Isles. During the next 24 hours, a further depression is expected to develop in the trough of low

pressure south of Iceland, moving southeast towards the Hebrides. An associated trough of low pressure to the south will move into Southern Ireland giving a strong south to southwesterly airflow over most of Britain.

Issued at midday TUESDAY 10 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |  | OBSERVATIONS at 00h. |       |       |       |   |                                   |                                   |                                   | 10 January 1978                   |     | OBSERVATIONS at 06h. |       |       |   |                                   |                                   |                                   |                                   | 10 January 1978 |                     | OBSERVATIONS during NIGHT     |         |  |  |                                |            |           |  | de FM II |  |
|------------------|--|----------------------|-------|-------|-------|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----|----------------------|-------|-------|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------|---------------------|-------------------------------|---------|--|--|--------------------------------|------------|-----------|--|----------|--|
| Station          |  | iii                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>h</sub> Ch <sub>h</sub> s | 8N <sub>h</sub> Ch <sub>h</sub> s | 8N <sub>h</sub> Ch <sub>h</sub> s | iii | Nddff                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>h</sub> Ch <sub>h</sub> s | 8N <sub>h</sub> Ch <sub>h</sub> s | 8N <sub>h</sub> Ch <sub>h</sub> s | iii             | RR T <sub>h</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER |  | Station  |                                |            |           |  |          |  |
|                  |  |                      |       |       |       |   |                                   |                                   |                                   |                                   |     |                      |       |       |   |                                   |                                   |                                   |                                   |                 |                     |                               |         | 21h.—03h.  | 03h.—09h.  |                                |            |           |  |          |  |
| Boscombe Down    |  | 746                  | 52512 | 82808 | 17303 | 58402   | 01708                             | 81815                             | 85642                             |                                   | 746 | 02410                | 84018 | 17301 | 00900   | 50801                             |                                   |                                   |                                   |                 | 746                 | 96013                         | 52      | pr <sub>c</sub> pr <sub>s</sub> pr <sub>c</sub> s <sub>e</sub>                 | pr <sub>c</sub>  |                                | Boscombe   |           |  |          |  |
| Hurn             |  | 862                  | 32509 | 65028 | 18804 | 38500   | 02000                             | 82825                             |                                   |                                   | 862 | 02509                | 80020 | 18803 | 00900   | 01102                             |                                   |                                   |                                   |                 | 862                 | 92021                         | 51      | pr <sub>c</sub>  | +  |                                | Hurn       |           |  |          |  |
| Manston          |  | 797                  | 12311 | 80021 | 17501 | 10970   | 50500                             | 81362                             |                                   |                                   | 797 | 12514                | 80021 | 16003 | 10930   | 50304                             | 81364                             |                                   |                                   |                 | 797                 | 00011                         | 52      | +  | +  |                                | Manston    |           |  |          |  |
| Gatwick          |  | 776                  | 22110 | 80031 | 17502 | 20930   | 00808                             | 82360                             |                                   |                                   | 776 | 02511                | 82018 | 17202 | 00900   | 51104                             |                                   |                                   |                                   |                 | 776                 | 97003                         | 55      | pr <sub>c</sub> s <sub>e</sub>   | +  |                                | Gatwick    |           |  |          |  |
| Kew              |  |                      |       |       |       |   |                                   |                                   |                                   |                                   | 775 | 02310                | 70020 | 16203 | 00900   | 01202                             |                                   |                                   |                                   |                 | 775                 | 00021                         | 51      | +  | +  |                                | Kew        |           |  |          |  |
| Heathrow         |  | 772                  | 72109 | 68031 | 17204 | 70977   | 02806                             | 83362                             | 86365                             |                                   | 772 | 02408                | 80021 | 16802 | 00900   | 01102                             |                                   |                                   |                                   |                 | 772                 | 00011                         | 52      | +  | +  |                                | Heathrow   |           |  |          |  |
| Honington        |  | 586                  | 42209 | 65031 | 14502 | 40910   | 51710                             | 84462                             |                                   |                                   | 586 | 02515                | 80018 | 13302 | 00900   | 51302                             |                                   |                                   |                                   |                 | 586                 | 97013                         | 51      | pr <sub>c</sub>  | +  |                                | Honington  |           |  |          |  |
| Wattisham        |  | 590                  | 42309 | 70031 | 15100 | 00902   | 51811                             | 84075                             |                                   |                                   | 590 | 02517                | 80027 | 13701 | 00900   | 51303                             |                                   |                                   |                                   |                 | 590                 | 91003                         | 53      | re <sub>c</sub> s <sub>e</sub>   | +  |                                | Wattisham  |           |  |          |  |
| Gorleston        |  | 497                  | 02106 | 66020 | 14903 | 00900   | 01400                             |                                   |                                   |                                   | 497 | 02515                | 66026 | 12403 | 00900   | 50500                             |                                   |                                   |                                   |                 | 497                 |                               |         |  |  |                                | Gorleston  |           |  |          |  |
| Aberporth        |  | 502                  | 22827 | 82028 | 15805 | 28500   | 02703                             | 82820                             |                                   |                                   | 502 | 72620                | 82031 | 15105 | 78577   | 02614                             | 86820                             |                                   |                                   |                 | 502                 | 97021                         | 01      | +  | pr <sub>c</sub> pr <sub>s</sub> pr <sub>c</sub> s <sub>e</sub> | ph <sub>c</sub> r <sub>c</sub> |            | Aberporth |  |          |  |
| Filton           |  | 628                  | 72506 | 75218 | 16903 | 58401   | 01807                             | 81710                             | 85656                             | 85075                             | 628 | 12610                | 84036 | 16602 | 12403   | 50807                             | 81814                             |                                   |                                   |                 | 628                 | 04021                         | 51      | pr <sub>s</sub> pr <sub>s</sub> pr <sub>c</sub> s <sub>e</sub> rr <sub>c</sub> | pr <sub>s</sub> pr <sub>c</sub> s <sub>e</sub> pr <sub>s</sub> |                                | Filton     |           |  |          |  |
| Rhoose           |  | 715                  | 62513 | 65808 | 16904 | 69477   | 01604                             | 84910                             | 85814                             |                                   | 715 | 22514                | 82258 | 16804 | 28400   | 01808                             | 81814                             |                                   |                                   |                 | 715                 | 05031                         | 50      | pr <sub>c</sub> s <sub>e</sub> pr <sub>c</sub> ph <sub>c</sub> r <sub>c</sub>  | ph <sub>c</sub> r <sub>c</sub> ph <sub>r</sub> pr              |                                | Rhoose     |           |  |          |  |
| Hartland Point   |  | 703                  | 33315 | 82028 | 17906 | 35600   | 02500                             | 83641                             |                                   |                                   | 703 | 83020                | 82031 | 17206 | 85677   | 03807                             | 88646                             |                                   |                                   |                 | 703                 | 03052                         | 07      |  |  |                                | Hartland   |           |  |          |  |
| Mount Batten     |  | 827                  | 62811 | 65808 | 20706 | 68477   | 03304                             | 83815                             | 86632                             |                                   | 827 | 32613                | 70251 | 20006 | 38400   | 03807                             | 82815                             |                                   |                                   |                 | 827                 | 01051                         | 01      | pr <sub>c</sub>  | pr   |                                | Mount B    |           |  |          |  |
| St. Mawgan       |  | 817                  | 22816 | 80058 | 20305 | 12572   | 03205                             | 81820                             |                                   |                                   | 817 | 42615                | 70258 | 19406 | 42500   | 03711                             | 84824                             |                                   |                                   |                 | 817                 | 02051                         | 02      | pr <sub>s</sub> pr <sub>c</sub>  | pr <sub>s</sub> pr <sub>c</sub> pr                             |                                | St. Mawg   |           |  |          |  |
| Scilly           |  | 804                  | 23122 | 80018 | 21707 | 22400   | 03208                             | 82818                             |                                   |                                   | 804 | 12824                | 80258 | 20407 | 12500   | 03711                             | 81823                             |                                   |                                   |                 | 804                 | 01061                         | 03      | pr <sub>c</sub> pr   | pr <sub>c</sub>  |                                | Scilly     |           |  |          |  |
| Culdrose         |  | 809                  | 22914 | 70258 | 21506 | 22500   | 03305                             | 82820                             |                                   |                                   | 809 | 12817                | 81030 | 20507 | 11500   | 00610                             | 81825                             |                                   |                                   |                 | 809                 | 97042                         | 02      | pr <sub>c</sub>  | pr <sub>c</sub>  |                                | Culdrose   |           |  |          |  |
| Guernsey         |  | 894                  | 12920 | 75278 | 21906 | 19503   | 04801                             | 81920                             |                                   |                                   | 894 | 52921                | 75278 | 21907 | 49563   | 01303                             | 82820                             | 82925                             |                                   |                 | 894                 | 02051                         | 03      | ph <sub>r</sub> rl   | pr <sub>c</sub> ph <sub>r</sub>                                |                                | Guernsey   |           |  |          |  |
| Elmdon           |  | 534                  | 52312 | 80011 | 13503 | 18538   | 50718                             | 81822                             | 84270                             |                                   | 534 | 22310                | 75148 | 13502 | 15502   | 51602                             | 81628                             |                                   |                                   |                 | 534                 | 97013                         | 51      | pr <sub>c</sub> s <sub>e</sub>   | pr <sub>c</sub> s <sub>e</sub>                                 |                                | Elmdon     |           |  |          |  |
| Cardington       |  | 559                  | 82315 | 62621 | 15103 | 67427   | 02815                             | 86712                             | 88518                             |                                   | 559 | 22414                | 67026 | 14801 | 00901   | 50002                             | 82075                             |                                   |                                   |                 | 559                 | 92011                         | 52      | r  | +  |                                | Cardington |           |  |          |  |
| Wittering        |  | 462                  | 72513 | 80031 | 13503 | 70927   | 50820                             | 87460                             |                                   |                                   | 462 | 22717                | 81011 | 13001 | 15601   | 51501                             | 81630                             |                                   |                                   |                 | 462                 | 00013                         | 51      | +  | +  |                                | Wittering  |           |  |          |  |
| Watnall          |  | 354                  | 82212 | 56211 | 12503 | 80927   | 00719                             | 88462                             |                                   |                                   | 354 | 02413                | 70021 | 11902 | 00900   | 52803                             |                                   |                                   |                                   |                 | 354                 | 97013                         | 54      | pr <sub>c</sub>  | +  |                                | Watnall    |           |  |          |  |
| Shawbury         |  | 414                  | 52709 | 70801 | 13103 | 58402   | 01512                             | 84813                             | 83640                             |                                   | 414 | 32317                | 75268 | 12303 | 18402   | 51811                             | 81818                             | 83072                             |                                   |                 | 414                 | 91001                         | 57      | pr <sub>c</sub> pr <sub>c</sub> s <sub>e</sub>                                 | pr <sub>c</sub> s <sub>e</sub>                                 |                                | Shawbury   |           |  |          |  |
| Fimbley          |  | 360                  | 12213 | 67020 | 10402 | 15702   | 51723                             | 81650                             |                                   |                                   | 360 | 32513                | 70018 | 09402 | 35500   | 52806                             | 83625                             |                                   |                                   |                 | 360                 | 92003                         | 53      | pr <sub>c</sub> pr <sub>c</sub> s <sub>e</sub>                                 | ps <sub>c</sub> pr <sub>c</sub> s <sub>e</sub>                 |                                | Fimbley    |           |  |          |  |
| Spurn Point      |  | 396                  | 22214 | 58030 | 10903 | 25500   | 00721                             | 82625                             |                                   |                                   | 396 | 12420                | 65016 | 09203 | 10970   | 00503                             | 81360                             |                                   |                                   |                 | 396                 |                               |         | +  | ir <sub>c</sub>  |                                | Spurn P    |           |  |          |  |
| Leeming          |  | 257                  | 52209 | 70237 | 08402 | 55500   | 01717                             | 85626                             |                                   |                                   | 257 | 32520                | 82838 | 06802 | 32400   | 50704                             | 83815                             |                                   |                                   |                 | 257                 | 02013                         | 52      | rr <sub>c</sub> r <sub>c</sub> s <sub>e</sub>                                  | ps <sub>c</sub> pr <sub>c</sub> s <sub>e</sub>                 |                                | Leeming    |           |  |          |  |
| Tynemouth        |  | 262                  | 42005 | 69028 | 06802 | 45600   | 01815                             | 84630                             |                                   |                                   | 262 | 22620                | 69020 | 04502 | 20930   | 52711                             | 82359                             |                                   |                                   |                 | 262                 | 03015                         | 51      | ps   | ps <sub>c</sub>  |                                | Tynemouth  |           |  |          |  |
| Carlisle         |  | 222                  | 62617 | 75038 | 06803 | 52502   | 01710                             | 85822                             | 83072                             |                                   | 222 | 72716                | 62272 | 05403 | 79477   | 00810                             | 82919                             | 84823                             | 85650                             |                 | 222                 | 91021                         | 51      | +  | ph <sub>c</sub> ph <sub>c</sub> s <sub>e</sub> ph <sub>c</sub> |                                | Carlisle   |           |  |          |  |
| Valley           |  | 302                  | 42727 | 82251 | 12405 | 48500   | 51702                             | 83822                             |                                   |                                   | 302 | 52529                | 81011 | 11105 | 52400   | 00714                             | 85816                             |                                   |                                   |                 | 302                 | 97041                         | 02      | pr <sub>c</sub>  | +  |                                | Valley     |           |  |          |  |
| Ringway          |  | 334                  | 52014 | 75021 | 11602 | 55500   | 00717                             | 85625                             |                                   |                                   | 334 | 72211                | 70037 | 11203 | 75677   | 51805                             | 87645                             |                                   |                                   |                 | 334                 | 97021                         | 50      | +  | r <sub>c</sub> r <sub>c</sub> s <sub>e</sub>                   |                                | Ringway    |           |  |          |  |
| Squires Gate     |  | 318                  | 32724 | 80018 | 09705 | 38500   | 02712                             | 82825                             |                                   |                                   | 318 | 72625                | 81038 | 08905 | 58577   | 01808                             | 83822                             | 84645                             | 86359                             |                 | 318                 | 01031                         | 01      | ph <sub>r</sub> ph <sub>c</sub> r <sub>c</sub> pr <sub>c</sub>                 | +  |                                | Squires    |           |  |          |  |
| Ronaldsway       |  | 204                  | 42719 | 82038 | 09704 | 48500   | 52705                             | 83820                             |                                   |                                   | 204 | 72625                | 81031 | 07704 | 78577   | 50816                             | 85822                             | 87636                             |                                   | 204             | 00031               | 01                            | +       | +  |  | Ronalds                        |            |           |  |          |  |
| Mull of Galloway |  | 131                  | 22626 | 86011 | 08102 | 25600   | 01605                             | 82635                             |                                   |                                   | 131 | 82428                | 82038 | 06003 | 85577   | 01815                             | 88620                             |                                   |                                   |                 | 131                 | 97021                         |         |  |  |                                | Mull of    |           |  |          |  |
| Eskdalemuir      |  | 162                  | 62112 | 70038 | 06101 | 48402   | 51807                             | 82818                             | 83072                             |                                   | 162 | 82112                | 20958 | 04451 | 89377   | 51803                             | 84708                             | 88915                             |                                   |                 | 162                 | 05519                         | 53      | ps <sub>c</sub> ph <sub>c</sub>  | ps <sub>c</sub> ps <sub>c</sub> tl <sub>c</sub> s <sub>e</sub> |                                | Eskdale    |           |  |          |  |
| Prestwick        |  | 135                  | 82519 | 60268 | 05602 | 88377   | 01604                             | 82708                             | 83710                             | 86815                             | 135 | 72429                | 65029 | 02903 | 78477   | 00717                             | 81713                             | 83818                             | 87645                             |                 | 135                 | 07505                         | 50      | ps <sub>c</sub> ps <sub>c</sub> tl <sub>c</sub> s                              | pr <sub>c</sub> s <sub>e</sub> ps <sub>c</sub>                 |                                | Prestwi    |           |  |          |  |
| Abbotsinch       |  | 140                  | 52312 | 80268 | 04201 | 58300   | 51811                             | 81708                             | 85650                             |                                   | 140 | 82311                | 58858 | 01901 | 88377   | 50511                             | 82708                             | 86815                             | 88628                             |                 | 140                 | 04006                         | 51      | pr <sub>c</sub> s <sub>e</sub> ps <sub>c</sub> ph <sub>c</sub> ps              | ps <sub>c</sub> ps <sub>c</sub> ph <sub>c</sub>                |                                | Abbotsi    |           |  |          |  |
| Leuchars         |  | 17                   |       |       |       |   |                                   |                                   |                                   |                                   |     |                      |       |       |   |                                   |                                   |                                   |                                   |                 |                     |                               |         |  |  |                                |            |           |  |          |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

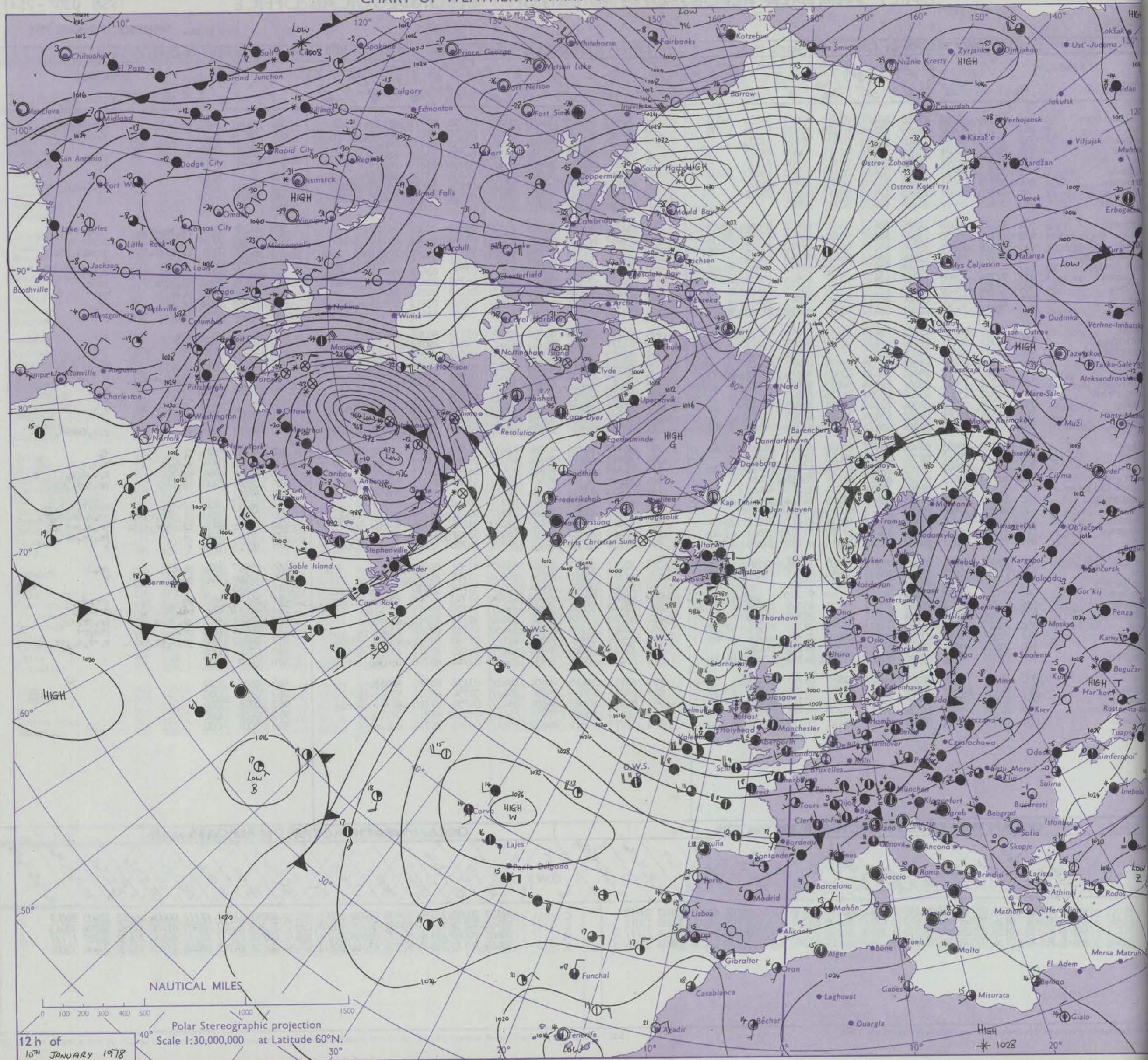
42419

Date of Issue WEDNESDAY 11 JANUARY 1978

| OBSERVATIONS at 12h. |  |  |  |  |  |  |  |  |  | OBSERVATIONS at 18h. |  |  |  |  |  |  |  |  |  | OBSERVATIONS during DAY |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|----------------------|--|--|--|--|--|--|--|--|--|-------------------------|--|--|--|--|--|--|--|--|--|
| 10 January 1978      |  |  |  |  |  |  |  |  |  | 10 January 1978      |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
|                      |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
|                      |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
|                      |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
|                      |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
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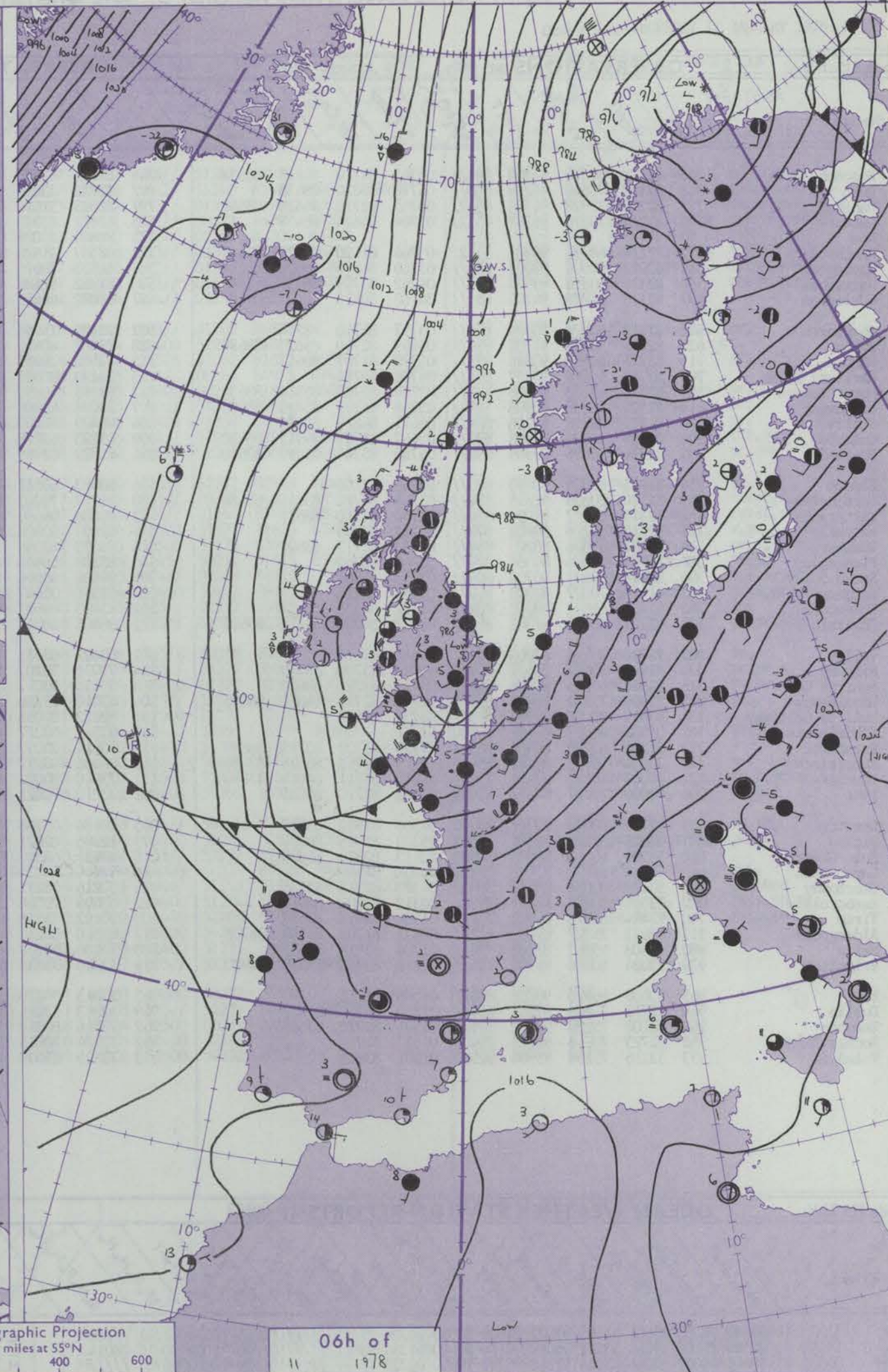
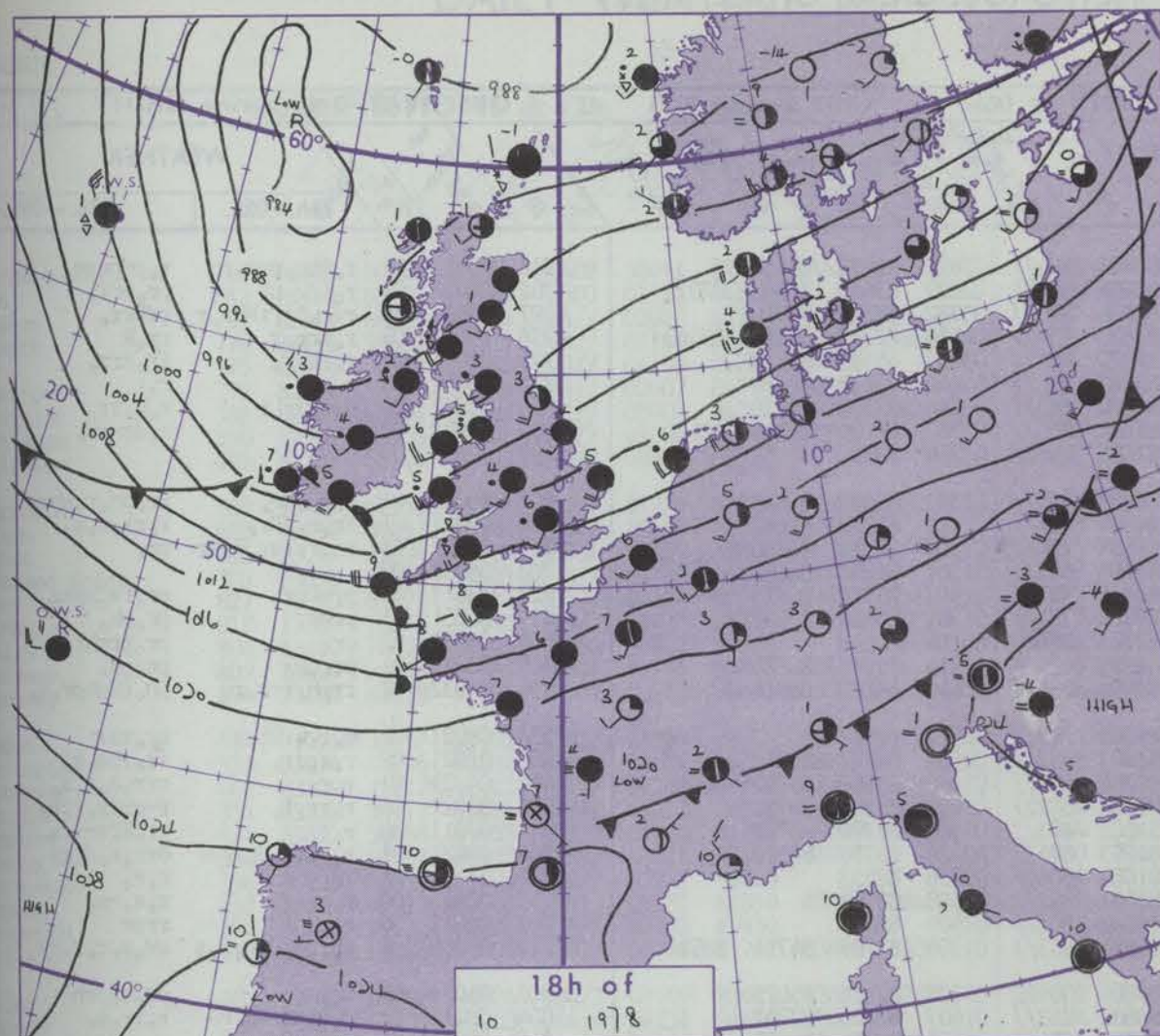


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a low moved steadily eastwards from southeast Iceland to the Shetland Isles and filled. A further low developed over the British Isles and moved steadily southeastwards into the southern North Sea bringing a very cold northerly

airstream into most districts. During the next 24 hours the low will move into Germany and with a ridge persisting west of the British Isles a very strong, very cold, northerly airstream will persist over all parts.

Issued at midday WEDNESDAY 11 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

42420

| OBSERVATIONS at 00h. 11 January 1978 |     |       |       |       |  |                                   |  |  |  | OBSERVATIONS at 06h. 11 January 1978 |       |       |       |  |                                   |  |  |  |     | OBSERVATIONS during NIGHT |                               |   |                                    |                  |  |  |  |  |  | Station |
|--------------------------------------|-----|-------|-------|-------|--|-----------------------------------|--|--|--|--------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|-----|---------------------------|-------------------------------|---|------------------------------------|------------------|--|--|--|--|--|---------|
| Code FM H.V.                         |     |       |       |       |  |                                   |  |  |  | Code FM H.V.                         |       |       |       |  |                                   |  |  |  |     | Code FM H.V.              |                               |   |                                    |                  |  |  |  |  |  |         |
| Station                              | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RAT <sub>n</sub> E        | T <sub>g</sub> T <sub>g</sub> | WEATHER   |                                    |                  |  |  |  |  |  |         |
|                                      |     |       |       |       |  |                                   |  |  |  |                                      |       |       |       |  |                                   |  |  |  |     |                           |                               | 21h.—03h.   | 03h.—09h.                          |                  |  |  |  |  |  |         |
| Boscombe Down                        | 746 | 82609 | 80816 | 93704 | 884//  | 03762                             | 84710  | 86818  | 88628  | 746                                  | 82812 | 82038 | 83403 | 884//  | 02627                             | 82812  | 88650  |  | 746 | 03011                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Boscombe         |  |  |  |  |  |         |
| Hurn                                 | 862 | 82120 | 70806 | 94208 | 885//  | 06776                             | 83820  | 88633  |  | 862                                  | 72708 | 80018 | 84504 | 35631  | 02629                             | 83630  | 83360  | 87075  | 862 | 04021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Hurn             |  |  |  |  |  |         |
| Manston                              | 797 | 82229 | 30926 | 96706 | 4542//   | 05765                             | 82710  | 84625  | 88540  | 797                                  | 82023 | 57636 | 82106 | 873//  | 05782                             | 82708  | 88710  |  | 797 | 13041                     | 03                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Manston          |  |  |  |  |  |         |
| Gatwick                              | 776 | 82217 | 70216 | 95707 | 4552//   | 05764                             | 84624  | 88458  |  | 776                                  | 82612 | 80026 | 82805 | 7542//   | 04654                             | 82713  | 86618  | 88460  | 776 | 15042                     | 03                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Gatwick          |  |  |  |  |  |         |
| Kew                                  |     |       |       |       |  |                                   |  |  |  | 775                                  | 82409 | 81026 | 81905 | 854//  | 03657                             | 85615  | 88618  |  | 775 | 07041                     | 03                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Kew              |  |  |  |  |  |         |
| Heathrow                             | 772 | 72114 | 68216 | 94307 | 5552//   | 05766                             | 81620  | 85628  | 87460  | 772                                  | 82509 | 81026 | 82405 | 854//  | 04646                             | 83613  | 88616  |  | 772 | 03041                     | 03                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Heathrow         |  |  |  |  |  |         |
| Honington                            | 586 | 82013 | 70606 | 93005 | 854//  | 03760                             | 84616  | 88620  |  | 586                                  | 81813 | 70616 | 80604 | 853//  | 03764                             | 83708  | 88620  |  | 586 | 01021                     | 02                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Honington        |  |  |  |  |  |         |
| Wattisham                            | 590 | 82119 | 60616 | 93905 | 853//  | 04762                             | 83709  | 88656  |  | 590                                  | 81912 | 62626 | 81304 | 853//  | 03767                             | 81706  | 86710  | 88618  | 590 | 06022                     | 02                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Wattisham        |  |  |  |  |  |         |
| Gorleston                            | 497 | 82118 | 64216 | 94205 | 855//  | 04760                             | 88625  |  |  | 497                                  | 81822 | 66616 | 82605 | 8062//   | 03764                             | 88530  |  |  | 497 |                           |                               |   |                                    | Gorleston        |  |  |  |  |  |         |
| Aberporth                            | 502 | 82518 | 60626 | 89004 | 874//  | 03757                             | 85710  | 88714  |  | 502                                  | 73329 | 75256 | 87903 | 785//  | 01312                             | 85820  | 86650  |  | 502 | 06021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Aberporth        |  |  |  |  |  |         |
| Filton                               | 628 | 82218 | 56616 | 92104 | 854//  | 03869                             | 82710  | 85623  | 88639  | 628                                  | 72812 | 60606 | 84504 | 754//  | 02615                             | 82710  | 87617  |  | 628 | 09021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Filton           |  |  |  |  |  |         |
| Rhoose                               | 715 | 82215 | 64616 | 90606 | 853//  | 05770                             | 81707  | 88612  |  | 715                                  | 73112 | 75257 | 84403 | 784//  | 01509                             | 81814  | 87650  |  | 715 | 09021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Rhoose           |  |  |  |  |  |         |
| Hartland Point                       | 703 | 82740 | 69616 | 90007 | 874//  | 06786                             | 88715  |  |  | 703                                  | 83430 | 80028 | 87105 | 885//  | 01301                             | 84820  | 88641  |  | 703 | 05032                     | 00                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Hartland Point   |  |  |  |  |  |         |
| Mount Batten                         | 827 | 82428 | 65258 | 93308 | 883//  | 07776                             | 82709  | 85818  | 88630  | 827                                  | 83216 | 50698 | 88702 | 5732//   | 02502                             | 85708  | 88518  |  | 827 | 13011                     | 00                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Mount Batten     |  |  |  |  |  |         |
| St. Mawgan                           | 817 | 82522 | 65808 | 93506 | 5232//   | 05768                             | 81707  | 85813  | 88460  | 817                                  | 73028 | 65808 | 89404 | 784//  | 01301                             | 83812  | 87622  |  | 817 | 04031                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | St. Mawgan       |  |  |  |  |  |         |
| Scilly                               | 804 | 82831 | 72258 | 95208 | 884//  | 06671                             | 86819  | 88620  |  | 804                                  | 43429 | 81258 | 92705 | 42400  | 00106                             | 84818  |  |  | 804 | 04031                     | 02                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Scilly           |  |  |  |  |  |         |
| Culdrose                             | 809 | 82824 | 56808 | 94506 | 833//  | 05667                             | 82707  | 84915  | 88630  | 809                                  | 63223 | 62278 | 89605 | 694//  | 01614                             | 82918  | 86626  |  | 809 | 03022                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Culdrose         |  |  |  |  |  |         |
| Guernsey                             | 894 | 82226 | 56636 | 99305 | 892//  | 04780                             | 85704  | 83915  | 87640  | 894                                  | 72929 | 62969 | 88206 | 794//  | 00640                             | 84815  | 86918  |  | 894 | 21032                     | 02                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Guernsey         |  |  |  |  |  |         |
| Elmdon                               | 534 | 82015 | 62606 | 90005 | 873//  | 03766                             | 87706  |  |  | 534                                  | 83013 | 66617 | 82603 | 873//  | 01517                             | 88707  |  |  | 534 | 08021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Elmdon           |  |  |  |  |  |         |
| Cardington                           | 559 | 82320 | 80606 | 92605 | 854//  | 03763                             | 83712  | 85616  | 88638  | 559                                  | 82713 | 70216 | 81803 | 853//  | 02638                             | 83707  | 85712  | 88628  | 559 | 02021                     | 02                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Cardington       |  |  |  |  |  |         |
| Wittering                            | 462 | 82315 | 82217 | 91604 | 854//  | 02760                             | 87710  | 88625  |  | 462                                  | 83008 | 64686 | 81202 | 853//  | 02640                             | 83706  | 86707  | 88612  | 462 | 04021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Wittering        |  |  |  |  |  |         |
| Watnall                              | 354 | 82013 | 50216 | 89404 | 872//  | 03762                             | 88705  |  |  | 354                                  | 82907 | 60606 | 81902 | 3522//   | 01625                             | 81705  | 88457  |  | 354 | 03021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Watnall          |  |  |  |  |  |         |
| Shawbury                             | 414 | 82007 | 65606 | 88205 | 854//  | 03763                             | 86712  | 88620  |  | 414                                  | 83212 | 60686 | 84202 | 873//  | 01505                             | 86706  | 88709  |  | 414 | 07011                     | 50                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Shawbury         |  |  |  |  |  |         |
| Finningley                           | 360 | 81909 | 60636 | 89004 | 874//  | 03748                             | 88710  |  |  | 360                                  | 83208 | 56606 | 81703 | 874//  | 02624                             | 86712  | 88620  |  | 360 | 04021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Finningley       |  |  |  |  |  |         |
| Spurn Point                          | 396 | 82116 | 60601 | 90704 | 8092//   | 02753                             | 88460  |  |  | 396                                  | 81904 | 60616 | 81803 | 8062//   | 03736                             | 88533  |  |  | 396 |                           |                               |   |                                    | Spurn Point      |  |  |  |  |  |         |
| Leeming                              | 257 | 81410 | 70027 | 87803 | 864//  | 03750                             | 88710  |  |  | 257                                  | 83511 | 30687 | 83801 | 862//  | 01503                             | 88703  |  |  | 257 | 03015                     | 00                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Leeming          |  |  |  |  |  |         |
| Tynemouth                            | 262 | 81907 | 61021 | 88802 | 8097//   | 01732                             | 88358  |  |  | 262                                  | 83415 | 69637 | 85302 | 8052//   | 01606                             | 88525  |  |  | 262 | 06012                     | 00                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Tynemouth        |  |  |  |  |  |         |
| Carlisle                             | 222 | 82302 | 58618 | 87302 | 853//  | 01637                             | 84709  | 85712  | 88621  | 222                                  | 83405 | 58617 | 86601 | 853//  | 01309                             | 82709  | 84714  | 88624  | 222 | 04005                     | 00                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Carlisle         |  |  |  |  |  |         |
| Valley                               | 302 | 72720 | 70216 | 87005 | 754//  | 03646                             | 87616  |  |  | 302                                  | 63422 | 82011 | 86804 | 38402  | 01308                             | 82816  | 85075  |  | 302 | 01021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Valley           |  |  |  |  |  |         |
| Ringway                              | 334 | 82015 | 65617 | 88403 | 863//  | 03759                             | 83706  | 88709  |  | 334                                  | 73011 | 56107 | 83602 | 762//  | 01607                             | 82705  | 87707  |  | 334 | 08011                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Ringway          |  |  |  |  |  |         |
| Squires Gate                         | 318 | 81812 | 40626 | 86604 | 854//  | 04755                             | 83712  | 88618  |  | 318                                  | 53414 | 75017 | 84603 | 26401  | 02302                             | 82711  | 84075  |  | 318 | 06021                     | 01                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Squires Gate     |  |  |  |  |  |         |
| Ronaldsway                           | 204 | 72909 | 75252 | 86404 | 58402  | 02742                             | 82711  | 84820  | 86072  | 204                                  | 43410 | 75268 | 87003 | 49400  | 00308                             | 81712  | 83920  |  | 204 | 04011                     | 51                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Ronaldsway       |  |  |  |  |  |         |
| Mull of Galloway                     | 131 | 83012 | 82028 | 86903 | 855//  | 03732                             | 88620  |  |  | 131                                  | 60122 | 82038 | 87802 | 685//  | 02217                             | 83820  | 84625  |  | 131 | 93011                     |                               | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Mull of Galloway |  |  |  |  |  |         |
| Eskdalemuir                          | 162 | 01502 | 60017 | 87401 | 00900  | 51731                             |  |  |  | 162                                  | 83512 | 60227 | 87301 | 873//  | 51309                             | 88708  |  |  | 162 | 92517                     | 53                            | r <sub>e</sub> lpr <sub>e</sub> rr <sub>e</sub> r | r <sub>e</sub> prpr <sub>e</sub> r | Eskdalemuir      |  |  |  |  |  |         |
| Prestwick                            | 135 | 81202 | 62608 | 86301 | 883  |                                   |  |  |  |                                      |       |       |       |  |                                   |  |  |  |     |                           |                               |   |                                    |                  |  |  |  |  |  |         |



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

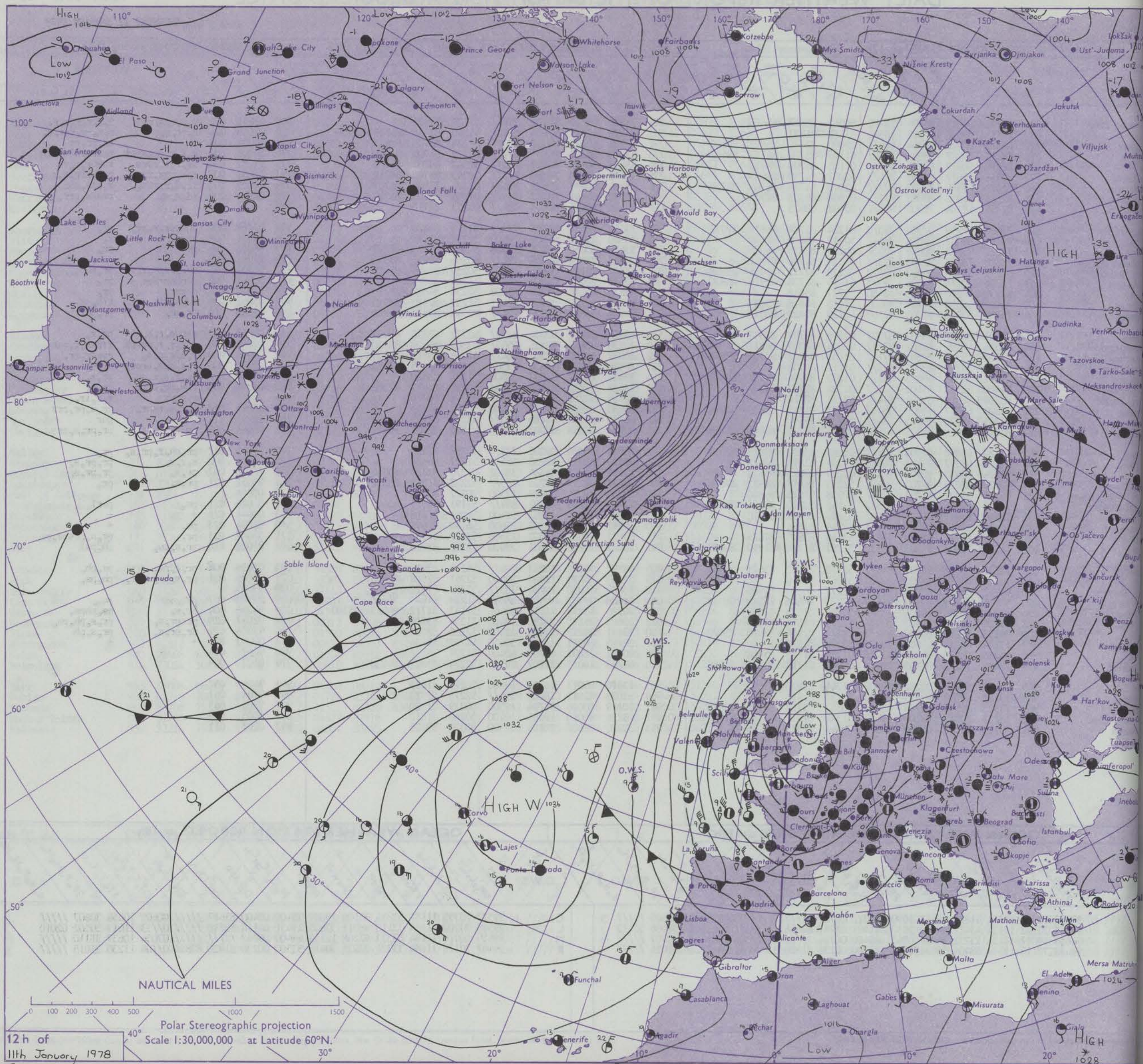
Date of Issue THURSDAY 12 JANUARY 1978

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| OBSERVATIONS at 12h. 11 January 1978 |  |  |  |  |  |  |  |  |  | OBSERVATIONS at 18h. 11 January 1978 |  |  |  |  |  |  |  |  |  | OBSERVATIONS during DAY |  |  |  |  |  |  |  |  |  |
|--------------------------------------|--|--|--|--|--|--|--|--|--|--------------------------------------|--|--|--|--|--|--|--|--|--|-------------------------|--|--|--|--|--|--|--|--|--|
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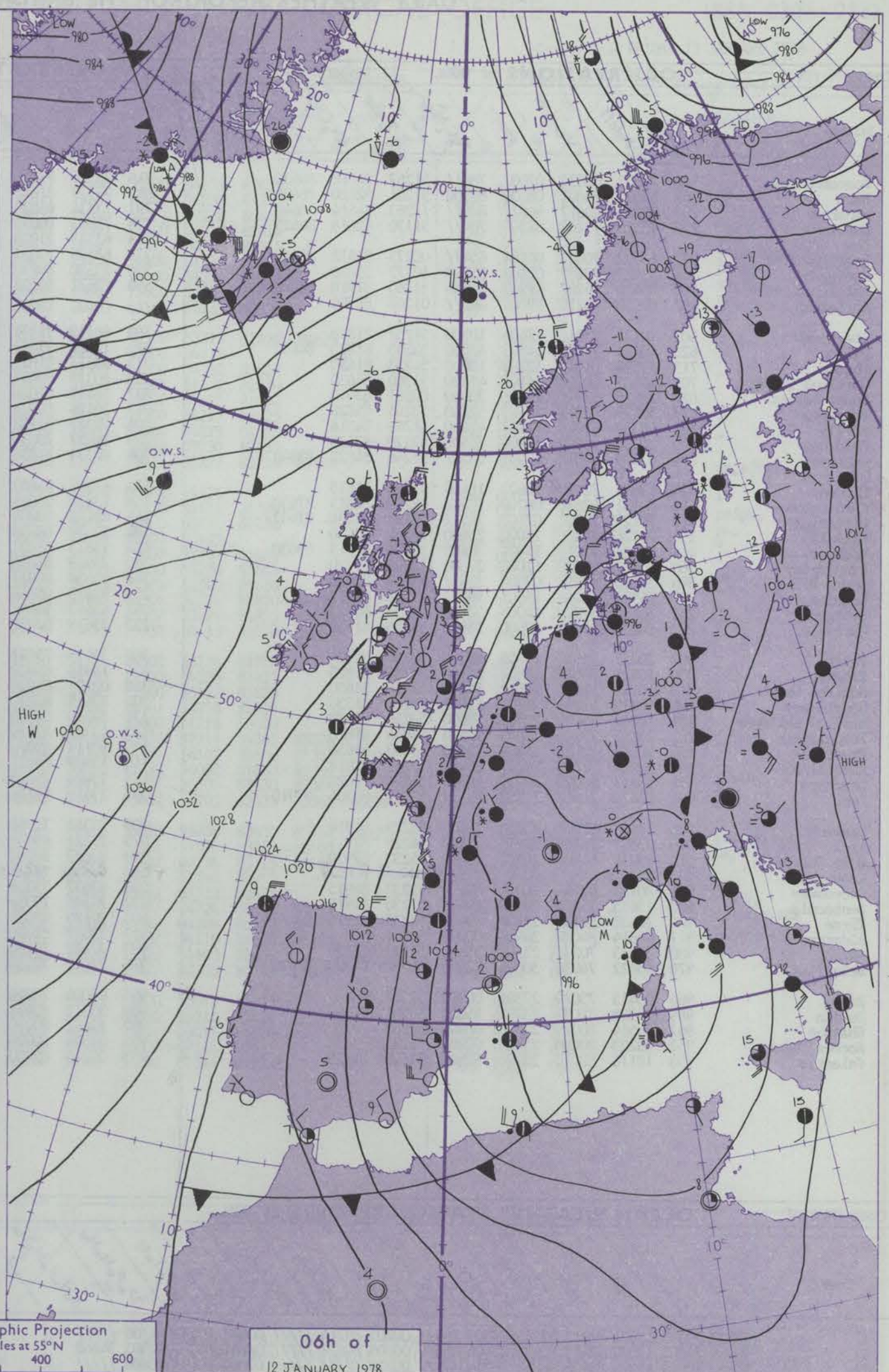
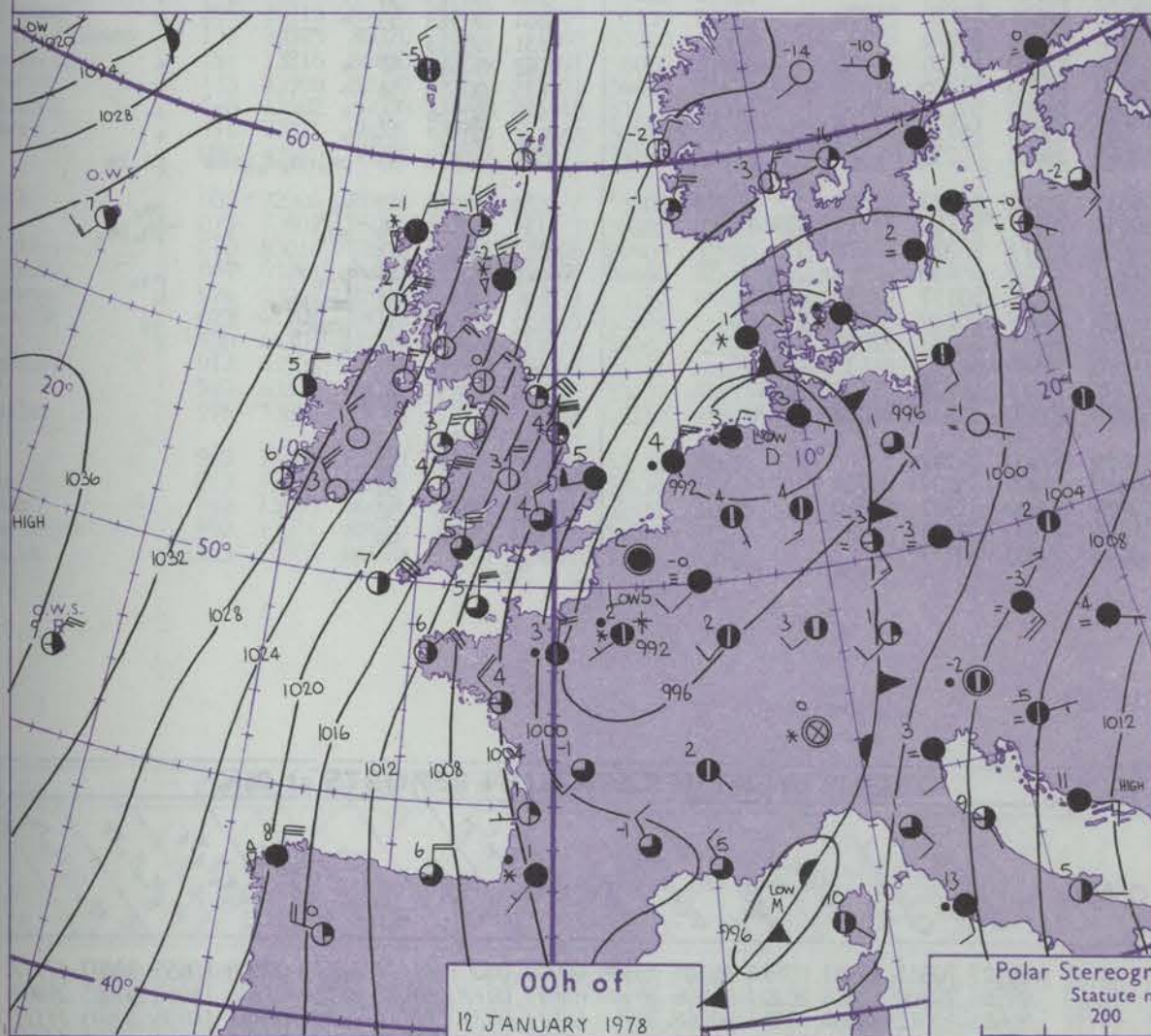
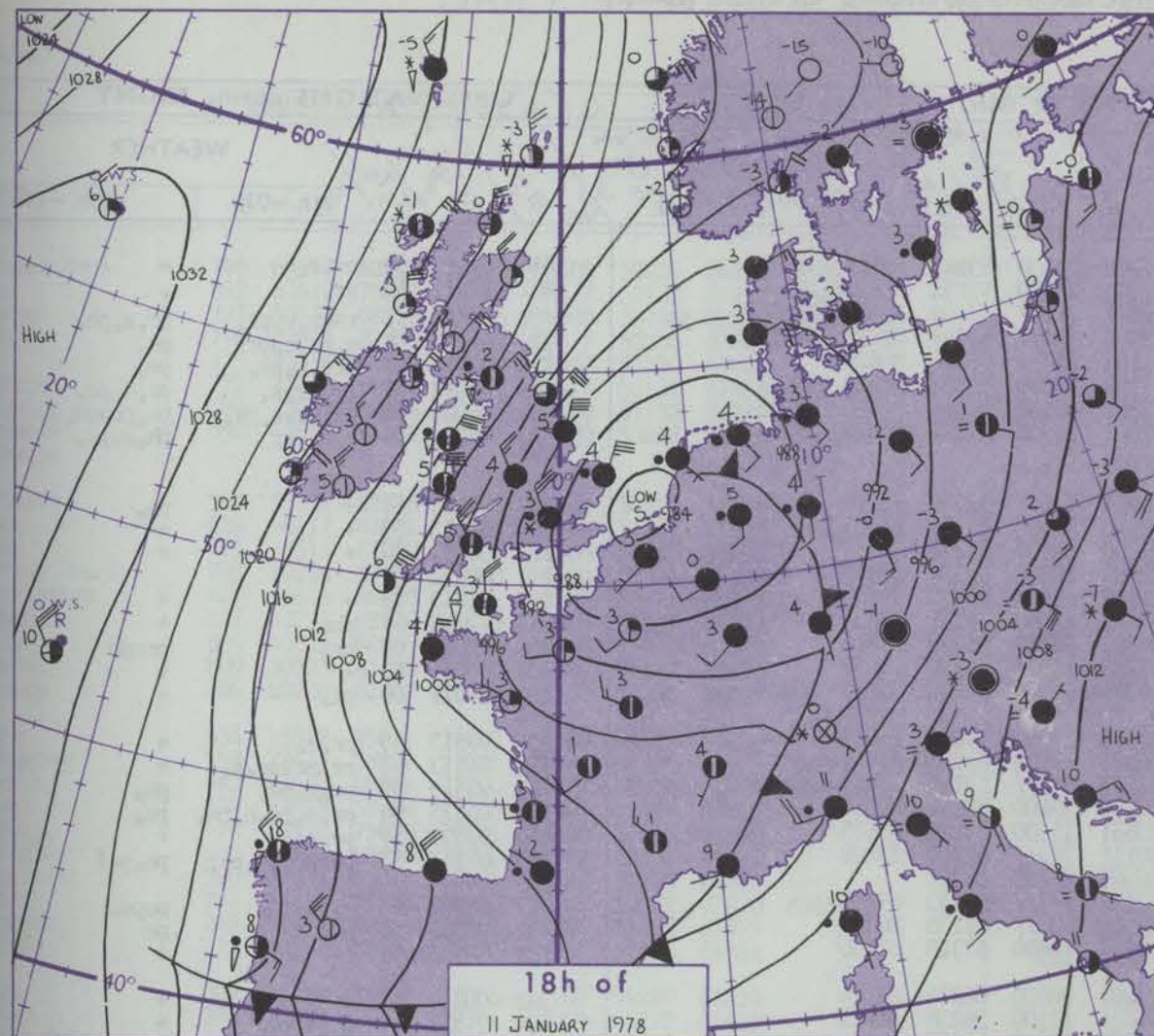


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

A deep depression near the Wash moved slowly east-southeast, turned northeast during the day and is now centred over southern Denmark. An associated cold front from the centre to Brest moved rapidly east, slowing over east Germany and Poland. It was followed by northerly gales across all parts of the British Isles. During the next 24 hours a ridge

of high pressure from Azores to Faeroes will move southeast and is expected to reach Denmark by tomorrow morning. As it moves across the British Isles it will be followed by a westerly airstream into most parts, but the westerlies are not expected to reach southern districts of England until later tomorrow.

Issued at midday THURSDAY 12 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |     | OBSERVATIONS at 00h. |        |       |                                   |                                   |  |  |  | OBSERVATIONS at 06h. |       |        |       |                                   |                                   |  |  | OBSERVATIONS during NIGHT                      |     |                                  |                               |   |  |           |  | de FM |
|------------------|-----|----------------------|--------|-------|-----------------------------------|-----------------------------------|--|--|--|----------------------|-------|--------|-------|-----------------------------------|-----------------------------------|--|--|--|-----|----------------------------------|-------------------------------|---|--|-----------|--|-------|
|                  |     | 12 January 1978      |        |       |                                   |                                   |  |  |  | 12 January 1978      |       |        |       |                                   |                                   |  |  |  |     |                                  |                               |   |  |           |  |       |
| Station          | iii | Nddff                | VVwwWW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                  | Nddff | VVwwWW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RR <sub>T</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER   |  | Station   |  |       |
|                  |     |                      |        |       |                                   |                                   |  |  |  |                      |       |        |       |                                   |                                   |  |  |  |     |                                  |                               | 21h.—03h.   | 03h.—09h.  |           |  |       |
| Boscombe Down    | 746 | 73627                | 80832  | 07003 | 784//                             | 51267                             | 84818  | 86630  |  | 746                  | 23520 | 83018  | 17700 | 28500                             | 55245                             | 82825  |  |  | 746 | 97513                            | 54                            | pr <sub>e</sub> s <sub>e</sub>  | +  | Boscombe  |  |       |
| Hurn             | 862 | 63627                | 80801  | 06004 | 68500                             | 51261                             | 82820  | 86636  |  | 862                  | 33521 | 81018  | 17601 | 35600                             | 55154                             | 83636  |  |  | 862 | 97511                            | 52                            | pr <sub>e</sub>   | +  | Hurn      |  |       |
| Manston          | 797 | 83642                | 60617  | 968// | 884//                             | //263                             | 84814  | 88640  |  | 797                  | 73534 | 68028  | 093// | 785//                             | //160                             | 82820  | 87656  |  | 797 | 07//1                            | //                            | rsrr <sub>e</sub> r <sub>e</sub> pr <sub>e</sub>                              | pr <sub>e</sub> s <sub>e</sub> ph <sub>e</sub>   | Manston   |  |       |
| Gatwick          | 776 | 73525                | 75267  | 01504 | 784//                             | 51170                             | 82818  | 86625  |  | 776                  | 73623 | 80038  | 12402 | 784//                             | 53248                             | 82818  | 87625  |  | 776 | 01011                            | 51                            | r <sub>e</sub> pr <sub>e</sub> s <sub>e</sub> pr <sub>s</sub>                 | ps <sub>e</sub>                                  | Gatwick   |  |       |
| Kew              |     |                      |        |       |                                   |                                   |  |  |  | 775                  | 63523 | 75028  | 14102 | 655//                             | 53250                             | 86620  |  |  | 775 | 01014                            | 51                            | Rrr <sub>e</sub> r <sub>e</sub> ps <sub>e</sub>                               | ps <sub>e</sub>                                  | Kew       |  |       |
| Heathrow         | 772 | 63522                | 70027  | 04104 | 654//                             | 00275                             | 81618  | 86622  |  | 772                  | 63526 | 70038  | 15102 | 68500                             | 52248                             | 81820  | 85628  |  | 772 | 95013                            | 51                            | rr <sub>e</sub> pr <sub>e</sub> s <sub>e</sub>                                | pr <sub>e</sub> s <sub>e</sub> ps <sub>e</sub>   | Heathrow  |  |       |
| Honington        | 586 | 53627                | 70257  | 02603 | 52500                             | 50272                             | 85820  |  |  | 586                  | 53520 | 80278  | 13301 | 58500                             | 52145                             | 81820  | 84635  |  | 586 | 01005                            | 51                            | pr <sub>e</sub> pr <sub>e</sub> s <sub>e</sub> ps <sub>e</sub>                | ps <sub>e</sub> phs <sub>e</sub> ps <sub>e</sub> | Honington |  |       |
| Wattisham        | 590 | 33634                | 75267  | 01203 | 23430                             | 51265                             | 81810  | 83360  |  | 590                  | 23631 | 80028  | 12601 | 25500                             | 51254                             | 82626  |  |  | 590 | 95003                            | 51                            | r <sub>e</sub> pr <sub>e</sub> s <sub>e</sub>                                 | ph <sub>e</sub> s <sub>e</sub> ps <sub>e</sub>   | Wattisham |  |       |
| Gorleston        | 497 | 82550                | 58216  | 99805 | 263//                             | 01268                             | 88706  |  |  | 497                  |       |        |       |                                   |                                   |  |  |  | 497 |                                  |                               |   |  | Gorleston |  |       |
| Aberporth        | 502 | 10135                | 75018  | 17404 | 18500                             | 51257                             | 81820  |  |  | 502                  | 60133 | 75871  | 25001 | 685//                             | 53230                             | 83820  | 85633  |  | 502 | 97013                            | 51                            | +   | ph <sub>e</sub>                                  | Aberporth |  |       |
| Filton           | 628 | 40125                | 75011  | 11803 | 48500                             | 53265                             | 81823  | 84832  |  | 628                  | 10123 | 75011  | 21050 | 18500                             | 56138                             | 81823  |  |  | 628 | 00513                            | 53                            | +   | +  | Filton    |  |       |
| Rhoose           | 715 | 13524                | 81011  | 12303 | 15800                             | 54253                             | 81630  |  |  | 715                  | 03515 | 81021  | 21800 | 00900                             | 55237                             |  |  |  | 715 | 00513                            | 54                            | +   | +  | Rhoose    |  |       |
| Hartland Point   | 703 | 40335                | 80020  | 14105 | 45600                             | 51260                             | 84630  |  |  | 703                  | 20335 | 80021  | 22203 | 22400                             | 52234                             | 82818  |  |  | 703 | 00520                            | 51                            |   |  | Hartland  |  |       |
| Mount Batten     | 827 | 33625                | 82011  | 12905 | 35600                             | 00267                             | 83640  |  |  | 827                  | 10117 | 82020  | 21702 | 15600                             | 53233                             | 81640  |  |  | 827 | 00013                            | 53                            | +   | +  | Mount B   |  |       |
| St. Mawgan       | 817 | 50129                | 80271  | 16105 | 52500                             | 53265                             | 85826  |  |  | 817                  | 30124 | 80021  | 23502 | 32600                             | 56331                             | 83835  |  |  | 817 | 97013                            | 51                            | phr   | +  | St. Mawg  |  |       |
| Scilly           | 804 | 40332                | 62028  | 17407 | 42400                             | 51249                             | 84818  |  |  | 804                  | 70327 | 62278  | 24203 | 72400                             | 01223                             | 87818  |  |  | 804 | 02021                            | 00                            | pr <sub>e</sub>   | pr <sub>s</sub> ph                               | Scilly    |  |       |
| Culdrose         | 809 | 30233                | 66030  | 14906 | 35500                             | 52270                             | 83625  |  |  | 809                  | 10227 | 70030  | 22703 | 15600                             | 56129                             | 81630  |  |  | 809 | 00011                            | 51                            | +   | +  | Culdrose  |  |       |
| Guernsey         | 894 | 63635                | 80018  | 06405 | 685//                             | 51246                             | 84822  | 83640  |  | 894                  | 60134 | 81038  | 16303 | 685//                             | 54247                             | 85825  | 83640  |  | 894 | 97021                            | 01                            | pr <sub>e</sub>   | +  | Guernsey  |  |       |
| Elmdon           | 534 | 13618                | 82018  | 10603 | 18400                             | 55266                             | 81815  |  |  | 534                  | 13518 | 84021  | 20851 | 15500                             | 54243                             | 81625  |  |  | 534 | 97513                            | 53                            | pr <sub>e</sub> s <sub>e</sub>  | +  | Elmdon    |  |       |
| Cardington       | 559 | 70131                | 62836  | 06202 | 784//                             | 02268                             | 84815  | 87650  |  | 559                  | 13618 | 68018  | 16801 | 11400                             | 51250                             | 81815  |  |  | 559 | 01513                            | 53                            | pr <sub>e</sub> pr <sub>s</sub> pr <sub>e</sub> s <sub>e</sub>                | +  | Carding   |  |       |
| Wittering        | 462 | 70129                | 70268  | 07103 | 785//                             | 53166                             | 82820  | 87632  |  | 462                  | 60122 | 80038  | 17551 | 685//                             | 53140                             | 82820  | 86635  |  | 462 | 93515                            | 52                            | pr <sub>e</sub> r <sub>e</sub> ps <sub>e</sub>                                | ps <sub>e</sub>                                  | Wittering |  |       |
| Watnall          | 354 | 20124                | 75038  | 11002 | 25600                             | 53264                             | 82630  |  |  | 354                  | 23520 | 68858  | 20351 | 22400                             | 54241                             | 82814  |  |  | 354 | 01525                            | 54                            | pr <sub>e</sub> s <sub>e</sub> pr <sub>e</sub> h <sub>e</sub> ps <sub>e</sub> | ps <sub>e</sub>                                  | Watnall   |  |       |
| Shawbury         | 414 | 33424                | 75018  | 14701 | 38400                             | 52266                             | 81815  | 83630  |  | 414                  | 13423 | 81031  | 23651 | 15600                             | 53235                             | 81635  |  |  | 414 | 97523                            | 57                            | pr <sub>e</sub> s <sub>e</sub>  | +  | Shawbur   |  |       |
| Finningley       | 360 | 23427                | 82038  | 11002 | 28500                             | 53362                             | 81820  |  |  | 360                  | 73223 | 56858  | 20151 | 723//                             | 52239                             | 87809  |  |  | 360 | 01517                            | 53                            | phs <sub>e</sub> pr <sub>e</sub> ps <sub>e</sub> ps <sub>f</sub>              | ps <sub>e</sub> ps <sub>f</sub>                  | Finning   |  |       |
| Spurn Point      | 396 | 33640                | 68011  | 07604 | 356//                             | 53269                             | 83630  |  |  | 396                  | 03634 | 68011  | 16003 | 00900                             | 54231                             |  |  |  | 396 |                                  |                               |   |  | Spurn P   |  |       |
| Leeming          | 257 | 73528                | 62268  | 15001 | 794//                             | 51258                             | 87915  |  |  | 257                  | 93423 | 05868  | 22652 | 9//                               | 53233                             | 89/00  |  |  | 257 | 04527                            | 53                            | ps <sub>e</sub> ps  | ps <sub>s</sub> ps <sub>e</sub>                  | Leeming   |  |       |
| Tynemouth        | 262 | 30150                | 69028  | 14003 | 33500                             | 52253                             | 83925  |  |  | 262                  | 63643 | 56848  | 22501 | 635//                             | 01235                             | 86925  |  |  | 262 | 97505                            | 51                            | phs <sub>e</sub> ps   | ps   | Tynemou   |  |       |
| Carlisle         | 222 | 10217                | 75028  | 19500 | 15600                             | 53255                             | 81630  |  |  | 222                  | 13619 | 82030  | 26552 | 15600                             | 57328                             | 81630  |  |  | 222 | 00523                            | 55                            | +   | +  | Carlisle  |  |       |
| Valley           | 302 | 20127                | 75018  | 19703 | 22500                             | 53159                             | 82824  |  |  | 302                  | 30125 | 75011  | 27401 | 38500                             | 56234                             | 83824  |  |  | 302 | 00013                            | 51                            | +   | +  | Valley    |  |       |
| Ringway          | 334 | 10225                | 84018  | 14602 | 12500                             | 53259                             | 81825  |  |  | 334                  | 13414 | 84020  | 24051 | 11500                             | 56238                             | 81825  |  |  | 334 | 91523                            | 54                            | pr <sub>e</sub> s <sub>e</sub> ps <sub>e</sub>                                | +  | Ringway   |  |       |
| Squires Gate     | 318 | 10123                | 81018  | 17402 | 15600                             | 51258                             | 81630  |  |  | 318                  | 00121 | 84020  | 25351 | 00900                             | 54228                             |  |  |  | 318 | 00513                            | 54                            | +   | +  | Squires   |  |       |
| Ronaldsway       | 204 | 10119                | 81021  | 21801 | 12602                             | 59249                             | 81330  |  |  | 204                  | 13625 | 82020  | 28050 | 11601                             | 57126                             | 81830  |  |  | 204 | 00513                            | 53                            | +   | +  | Ronalds   |  |       |
| Mull of Galloway | 131 | 10240                | 84030  | 22401 | 15600                             | 53256                             | 81630  |  |  | 131                  | 10245 | 84010  | 28200 | 15600                             | 55226                             | 81630  |  |  | 131 | 00513                            |                               |   |  | Mull of   |  |       |
| Eskdalemuir      | 162 | 13325                | 75019  | 21053 | 12500                             | 57344                             | 81820  |  |  | 162                  | 13327 | 82030  | 27154 | 15600                             | 57326                             | 81645  |  |  | 162 | 00546                            | 57                            | +   | +  | Eskdale   |  |       |
| Prestwick        | 135 | 10215                | 82020  | 24251 | 15700                             | 55343                             | 81650  |  |  | 135                  | 10111 | 82020  | 30453 | 15700                             | 53226                             | 81656  |  |  | 135 | 00533                            | 56                            | +   | +  | Prestwic  |  |       |
| Abbotsinch       | 140 | 20204                | 82030  | 24351 | 28400                             | 57251                             | 81814  |  |  | 140                  | 13507 | 82021  | 30752 | 15700                             | 59128                             | 81650  |  |  | 140 | 00536                            | 56                            | +   | +  | Abbotsi   |  |       |
| Leuchars         | 171 | 13315                | 66028  | 22251 | 18500                             | 55244                             | 81825  |  |  | 171                  | 13424 | 75013  | 27651 | 15600                             | 56231                             | 81630  |  |  | 171 | 00527                            | 55                            | +   | +  | Leuchars  |  |       |
| Dyce             | 091 | 83424                | 20868  | 21152 | 893//                             | 53332                             | 83706  | 87910  |  | 091                  | 23418 | 59158  | 27051 | 29400                             | 55230                             | 81910  |  |  | 091 | 95538                            | 55                            | ps <sub>e</sub> ph <sub>e</sub> s <sub>e</sub> ps <sub>ks</sub>               | ps <sub>e</sub> ks                               | Dyce      |  |       |
| Lerwick          | 005 | 13424                | 82268  | 20252 | 13400                             | 56229                             | 81910  |  |  | 005                  | 33312 | 70268  | 26653 | 38400                             | 55223                             | 82812  |  |  | 005 | 93546                            | 57                            | ps <sub>e</sub>   | ps <sub>e</sub>                                  | Lerwick   |  |       |
| Wick             | 075 | 23525                | 70158  | 23951 | 29400                             | 56229                             | 82915  |  |  | 075                  | 70121 | 65858  | 29251 | 794//                             | 54120                             | 82711  | 87914  |  | 075 |                                  |                               |   |  |           |  |       |



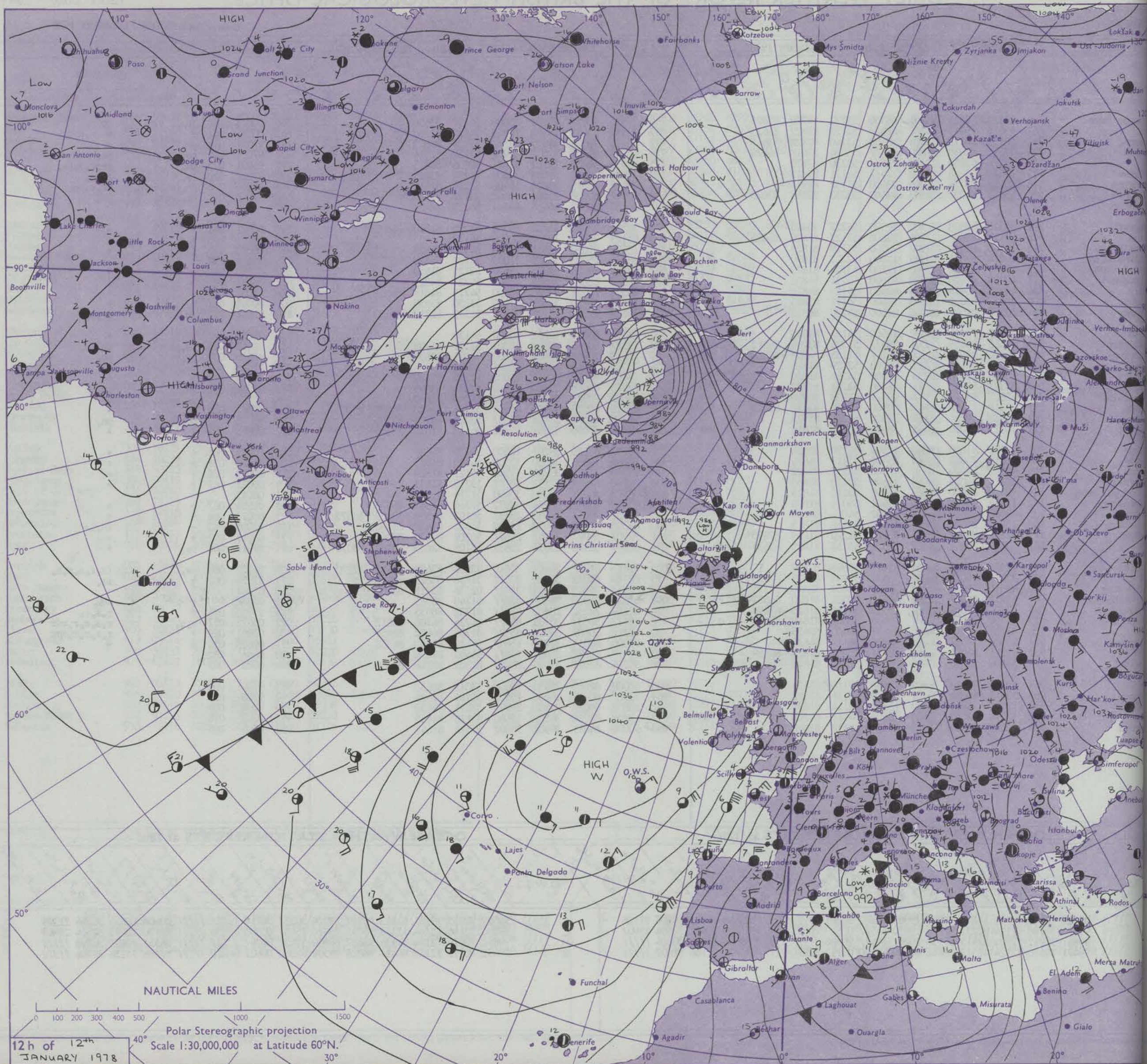
## ISSN 0307-2541

Date of Issue FRIDAY 13 JANUARY 1978

| OCEAN WEATHER STATION REPORTS at 12h. |  |            |        |       |        |       |  |                                   |  |  |  |  |  |  | OCEAN WEATHER STATION REPORTS at 18h. |  |            |        |       |        |       |  |                                   |  |  |  |  |  |  |
|---------------------------------------|--|------------|--------|-------|--------|-------|--|-----------------------------------|--|--|--|--|--|--|---------------------------------------|--|------------|--------|-------|--------|-------|--|-----------------------------------|--|--|--|--|--|--|
| O.W.S.                                | 99L <sub>3</sub> L <sub>2</sub> L <sub>1</sub> | QcLoLoLoLo | YYGGiw | Nddff | VVwwVV | PPPTT | N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub> | D <sub>s</sub> v <sub>s</sub> app | 8N <sub>s</sub> Ch <sub>3</sub> h <sub>3</sub> | 8N <sub>s</sub> Ch <sub>3</sub> h <sub>3</sub> | OT <sub>s</sub> T <sub>s</sub> T <sub>d</sub> T <sub>d</sub> | IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> | 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | O.W.S.                                | 99L <sub>3</sub> L <sub>2</sub> L <sub>1</sub> | QcLoLoLoLo | YYGGiw | Nddff | VVwwVV | PPPTT | N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub> | D <sub>s</sub> v <sub>s</sub> app | 8N <sub>s</sub> Ch <sub>3</sub> h <sub>3</sub> | 8N <sub>s</sub> Ch <sub>3</sub> h <sub>3</sub> | OT <sub>s</sub> T <sub>s</sub> T <sub>d</sub> T <sub>d</sub> | IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> | 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> |
| 99527                                 | 70355  | 12121      | 61813  | 97031 | 19509  | 00902 | 00701  | ////                              | ////   | 00608  | 10667  | 30806  | 21108  |  | 99527                                 | 70355  | 12181      | 81813  | 96102 | 17009  | 3553/ | 00716  | ////                              | ////   | 00608  | 10635  | 30706  | 21209  |  |
| 99570                                 | 70198  | 12124      | 82221  | 97216 | 29610  | 855// | 00305  | 88625                             | ////   | 0//10  | 10982  | 30504  | 25907  |  | 99570                                 | 70196  | 12184      | 12328  | 98011 | 29410  | 15631 | 00305  | 81630                             | ////   | 0//08  | 10993  | 30504  | 25907  |  |
| 99661                                 | 10012  | 12124      | 82415  | 97158 | 20051  | 894// | 00808  | ////                              | ////   | 06658  | 10608  | 30404  | ////   |  | 99661                                 | 10016  | 12184      | 81936  | 95687 | 08950  | 5742/ | 00767  | ////                              | ////   | 06351  | 10621  | 30708  | ////   |  |
| 99471                                 | 70170  | 12124      | 40317  | 98018 | 40509  | 48500 | 00112  | 82820                             | ////   | 0//06  | 11186  | 31007  | ////   |  | 99471                                 | 70171  | 12184      | 60414  | 98028 | 39509  | 68500 | 00601  | 86820                             | ////   | 0//06  | 11238  | 31106  | ////   |  |

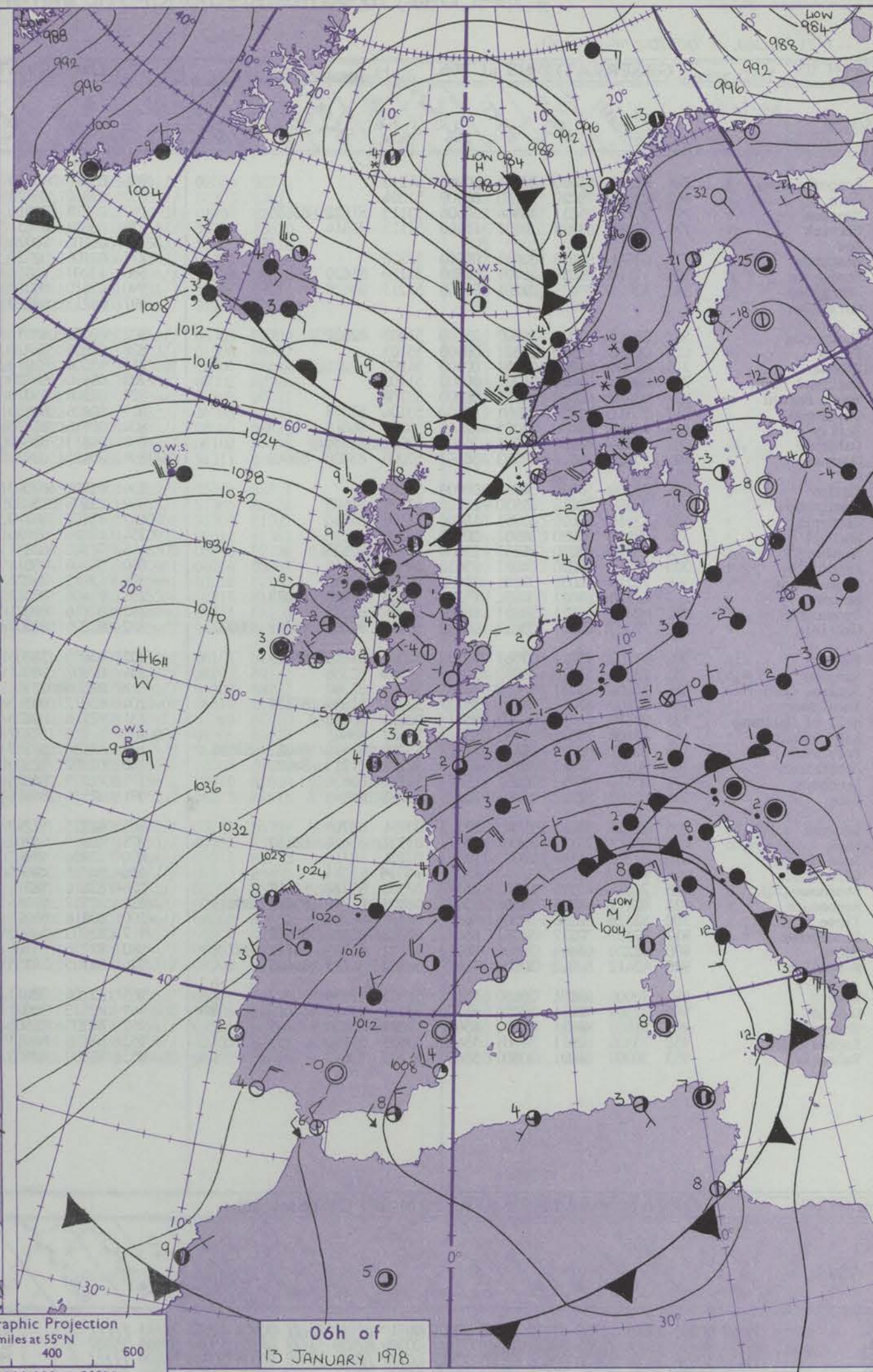
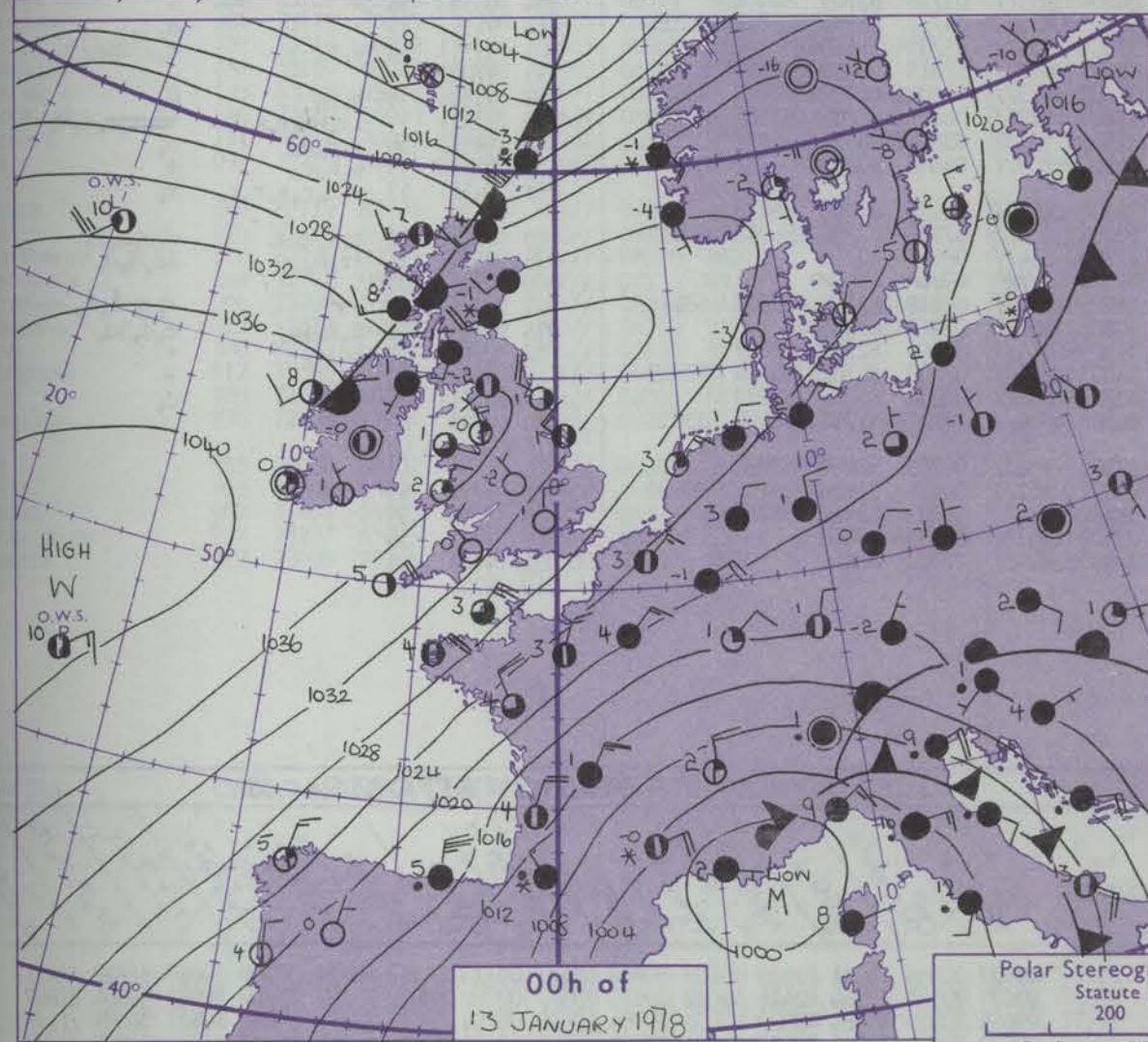
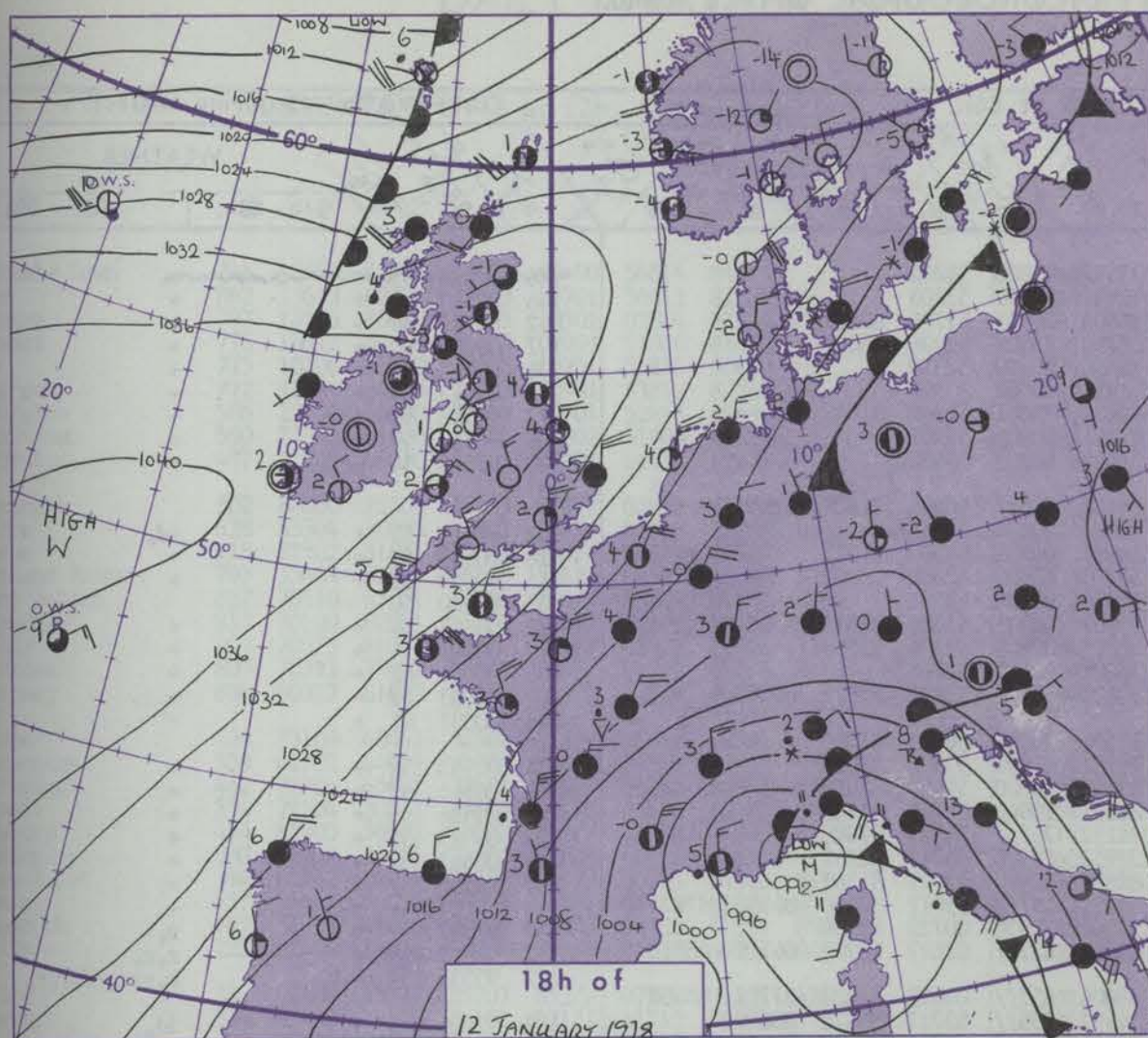


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a deep depression over the Low Countries moved slowly east and filled. Pressure remained high to the southwest of the British Isles. The very strong northeasterly winds affecting most districts decreased considerable during the period, whilst a weak warm front crossed much of Northern Ireland and Scotland.

During the next 24 hours the anticyclone to the southwest of Ireland will persist. Pressure will remain low to the north, the warm front will move southeastwards over England and a somewhat milder northwesterly airstream will become established over the country.

Issued at midday FRIDAY 13 JANUARY 1978



DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |  | OBSERVATIONS at 00h. |       |       |       |  |                    |  |  | 13 January 1978                                |     | OBSERVATIONS at 06h. |       |       |  |                    |  |  |  | 13 January 1978 |                                   | OBSERVATIONS during NIGHT     |           |           |              | Code FM          |  |
|------------------|--|----------------------|-------|-------|-------|--|--------------------|--|--|--|-----|----------------------|-------|-------|--|--------------------|--|--|--|-----------------|-----------------------------------|-------------------------------|-----------|-----------|--------------|------------------|--|
| Station          |  | iii                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | Nddff                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii             | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER   |           | Station      |                  |  |
|                  |  |                      |       |       |       |  |                    |  |  |  |     |                      |       |       |  |                    |  |  |  |                 |                                   |                               | 21h.—03h. | 03h.—09h. |              |                  |  |
| Boscombe Down    |  | 746                  | 03513 | 65020 | 33051 | 00900  | 54210              |  |  |  | 746 | 03410                | 68020 | 33552 | 00900  | 54202              |  |  |  |                 | 746                               | 00538                         | 55        | +         |              | Boscombe Down    |  |
| Hurn             |  | 862                  | 03614 | 70020 | 32150 | 00900  | 51004              |  |  |  | 862 | 03510                | 70020 | 32951 | 00900  | 53203              |  |  |  |                 | 862                               | 00533                         | 55        | +         |              | Hurn             |  |
| Manston          |  | 797                  | 30123 | 75011 | 28904 | 38500  | 53113              | 81822  | 83635  |  | 797 | 20218                | 80010 | 30003 | 28501  | 52206              | 82822  |  |  |                 | 797                               | 00031                         | 01        | +         |              | Manston          |  |
| Gatwick          |  | 776                  | 10112 | 62018 | 30801 | 15400  | 51115              | 81614  |  |  | 776 | 33608                | 65031 | 31750 | 35600  | 52206              | 83635  |  |  |                 | 776                               | 00513                         | 54        | +         |              | Gatwick          |  |
| Kew              |  |                      |       |       |       |  |                    |  |  |  | 775 | 00206                | 70020 | 32450 | 00900  | 52310              |  |  |  |                 | 775                               | 00513                         | 54        | +         |              | Kew              |  |
| Heathrow         |  | 772                  | 03611 | 62018 | 32001 | 00900  | 51210              |  |  |  | 772 | 00106                | 60020 | 32951 | 00900  | 53306              |  |  |  |                 | 775                               | 00513                         | 54        | +         |              | Heathrow         |  |
| Honington        |  | 586                  | 13510 | 81038 | 31701 | 11500  | 52110              | 81820  |  |  | 586 | 13207                | 72010 | 32051 | 15601  | 52502              | 81635  |  |  |                 | 772                               | 00513                         | 55        | +         |              | Honington        |  |
| Wattisham        |  | 590                  | 53614 | 70031 | 31201 | 55500  | 51213              | 85628  |  |  | 590 | 03410                | 80018 | 31851 | 00900  | 53302              |  |  |  |                 | 586                               | 00513                         | 55        | +         |              | Wattisham        |  |
| Gorleston        |  |                      |       |       |       |  |                    |  |  |  | 497 | 00213                | 66020 | 31505 | 00900  | 01400              |  |  |  |                 | 590                               | 97513                         | 54        | prcsc     |              | Gorleston        |  |
| Aberporth        |  | 502                  | 20212 | 82021 | 36902 | 25500  | 51803              | 82622  |  |  | 502 | 70405                | 82031 | 36102 | 755//  | 50604              | 81622  | 87630  |  |                 |                                   |                               |           |           |              | Aberporth        |  |
| Filton           |  | 628                  | 00210 | 65020 | 34851 | 00900  | 55103              |  |  |  | 628 | 03606                | 75020 | 35052 | 00900  | 55502              |  |  |  |                 | 502                               | 97011                         | 51        | +         | idc          | Filton           |  |
| Rhoose           |  | 715                  | 03308 | 81020 | 34951 | 00900  | 54103              |  |  |  | 715 | 13506                | 82010 | 34951 | 00901  | 54500              | 81075  |  |  |                 | 628                               | 00533                         | 59        | +         |              | Rhoose           |  |
| Hartland Point   |  | 703                  | 03616 | 85020 | 34702 | 00900  | 51106              |  |  |  | 703 | 03410                | 85020 | 35103 | 00900  | 52305              |  |  |  |                 | 715                               | 00523                         | 58        | +         |              | Hartland Point   |  |
| Mount Batten     |  | 827                  | 03610 | 82020 | 34201 | 00900  | 52108              |  |  |  | 827 | 00506                | 83020 | 34400 | 00900  | 53305              |  |  |  |                 | 703                               | 00020                         | 50        |           |              | Mount Batten     |  |
| St. Mary's       |  | 817                  | 10311 | 82020 | 35401 | 12500  | 53104              | 81825  |  |  | 817 | 30406                | 82030 | 35401 | 00901  | 53205              | 83075  |  |  |                 | 827                               | 00503                         | 54        | +         |              | St. Mary's       |  |
| Scilly           |  | 804                  | 40418 | 81030 | 35305 | 42400  | 53209              | 84818  |  |  | 804 | 30516                | 81020 | 35105 | 32400  | 52104              | 83818  |  |  |                 | 817                               | 00003                         | 54        | +         |              | Scilly           |  |
| Culdrose         |  | 809                  | 20214 | 82030 | 35001 | 25600  | 53111              | 82630  |  |  | 809 | 00313                | 82020 | 35000 | 00900  | 52205              |  |  |  |                 | 804                               | 00041                         | 02        | +         |              | Culdrose         |  |
| Guernsey         |  | 894                  | 60426 | 75012 | 29303 | 58502  | 52000              | 83820  | 83640  |  | 894 | 70425                | 68022 | 30403 | 785//  | 52212              | 85820  | 85640  |  |                 | 809                               | 00003                         | 52        | +         |              | Guernsey         |  |
| Elmdon           |  | 534                  | 03206 | 58040 | 34952 | 00900  | 55205              |  |  |  | 534 | 13302                | 60040 | 34554 | 15601  | 56805              | 81640  |  |  |                 | 894                               | 00031                         | 01        | +         |              | Elmdon           |  |
| Cardington       |  | 559                  | 23508 | 70018 | 32950 | 15601  | 52209              | 81645  |  |  | 559 | 23508                | 65030 | 33251 | 00901  | 53500              | 82078  |  |  |                 | 534                               | 00553                         | 58        | +         |              | Cardington       |  |
| Wittering        |  | 462                  | 13514 | 65020 | 33751 | 15600  | 53109              | 81640  |  |  | 462 | 13407                | 66010 | 33652 | 15600  | 54400              | 81635  |  |  |                 | 559                               | 00545                         | 57        | +         |              | Wittering        |  |
| Watnall          |  | 354                  | 03408 | 65020 | 34951 | 00900  | 53208              |  |  |  | 354 | 13004                | 65020 | 34251 | 10940  | 55708              | 81360  |  |  |                 | 462                               | 00536                         | 55        | +         |              | Watnall          |  |
| Shawbury         |  | 414                  | 23312 | 65030 | 36251 | 25600  | 54203              | 82635  |  |  | 414 | 72303                | 68031 | 34152 | 755//  | 54722              | 87620  |  |  |                 | 354                               | 00525                         | 55        | +         |              | Shawbury         |  |
| Finningley       |  | 360                  | 33312 | 70030 | 34651 | 25632  | 54207              | 82640  |  |  | 360 | 22406                | 65011 | 32953 | 20930  | 55713              | 82362  |  |  |                 | 414                               | 00543                         | 60        | +         |              | Finningley       |  |
| Spurn Point      |  | 396                  | 73215 | 66031 | 33201 | 756//  | 51209              | 87640  |  |  | 396 | 12812                | 75021 | 32601 | 10970  | 52707              | 81360  |  |  |                 | 360                               | 00536                         | 57        | +         |              | Spurn Point      |  |
| Leeming          |  | 257                  | 42810 | 82021 | 34952 | 15702  | 55803              | 81650  | 84075  |  | 257 | 71406                | 80022 | 32251 | 45772  | 53617              | 84650  | 86358  | 87070  |                 | 396                               |                               |           |           |              | Leeming          |  |
| Tynemouth        |  | 262                  | 62812 | 69021 | 34851 | 6093/  | 52806              | 86359  |  |  | 262 | 32616                | 69021 | 30302 | 30930  | 00722              | 83358  |  |  |                 | 257                               | 97537                         | 57        | +         | rc           | Tynemouth        |  |
| Carlisle         |  | 222                  | 72303 | 65031 | 35852 | 45652  | 56809              | 84635  | 84363  | 86072  | 222 | 82306                | 40507 | 32802 | 852//  | 01817              | 83705  | 86710  | 88618  |                 | 262                               | 91522                         | 53        | +         | rcrc         | Carlisle         |  |
| Valley           |  | 302                  | 61102 | 75011 | 37501 | 12532  | 52000              | 81825  | 86075  |  | 302 | 83005                | 58205 | 35004 | 852//  | 04612              | 81703  | 87712  | 88650  |                 | 222                               | 95535                         | 57        | +         | scrc         | Valley           |  |
| Ringway          |  | 334                  | 22202 | 57010 | 36552 | 20930  | 55504              | 82358  |  |  | 334 | 81802                | 50041 | 34652 | 855//  | 53712              | 85625  | 88640  |  |                 | 302                               | 92501                         | 55        | +         | idc          | Ringway          |  |
| Squires Gate     |  | 318                  | 33404 | 65031 | 36550 | 10931  | 54001              | 81360  |  |  | 318 | 83008                | 62501 | 34004 | 853//  | 03716              | 83709  | 88614  |  |                 | 334                               | 00533                         | 56        | +         |              | Squires Gate     |  |
| Ronaldsway       |  | 204                  | 72802 | 82031 | 36701 | 1573/  | 53711              | 81650  | 87358  |  | 204 | 83012                | 80215 | 34005 | 853//  | 04712              | 83709  | 86712  | 88635  |                 | 318                               | 91511                         | 55        | +         | dcrc         | Ronaldsway       |  |
| Mull of Galloway |  | 131                  | 82710 | 84031 | 36203 | 856//  | 00813              | 88630  |  |  | 131 | 82718                | 80025 | 33205 | 855//  | 05709              | 88620  |  |  |                 | 204                               | 91511                         | 56        | +         | dcrc         | Mull of Galloway |  |
| Eskdalemuir      |  | 162                  | 81808 | 75032 | 35552 | 856//  | 55607              | 88645  |  |  | 162 | 81210                | 50237 | 32051 | 872//  | 52815              | 86703  | 88706  |  |                 | 131                               | 97031                         |           |           |              | Eskdalemuir      |  |
| Prestwick        |  | 135                  | 81908 | 68222 | 34901 | 7542/  | 53719              | 81618  | 84622  | 87650  | 135 | 82510                | 58587 | 32307 | 853//  | 06609              | 82707  | 85615  | 88621  |                 | 162                               | 92536                         | 58        | +         | hcrs         | Prestwick        |  |
| Abbotsinch       |  | 140                  | 80202 | 57047 | 33851 | 854//  | 52722              | 81715  | 88620  |  | 140 | 82507                | 57506 | 31205 | 872//  | 04705              | 81705  | 85708  | 87710  |                 | 135                               | 93511                         | 54        | +         | isidrcsc     | Abbotsinch       |  |
| Leuchars         |  | 171                  | 82419 | 70792 | 31251 | 856//  | 54725              | 88638  |  |  | 171 | 72519                | 82016 | 27505 | 55702  | 02808              | 85656  | 86070  |  |                 | 140                               | 91525                         | 56        | +         | rcdc         | Leuchars         |  |
| Dyce             |  | 091                  | 82208 | 58617 | 27401 | 856//  | 52735              | 88640  |  |  | 091 | 32514                | 84016 | 24107 | 30931  | 04605              | 83360  |  |  |                 | 171                               | 97525                         | 55        | +         | scrc         | Dyce             |  |
| Lerwick          |  | 005                  | 82235 | 50687 | 14603 | 872//  | 03754              | 88705  |  |  | 005 | 82725                | 57217 | 14508 | 853//  | 08220              | 84707  | 88620  |  |                 | 091                               | 94511                         | 53        | +         | scrcrcscrcrc | Lerwick          |  |
| Wick             |  | 075                  | 82317 | 75237 | 22804 | 855//  | 03737              | 856248   |  |  |     |                      |       |       |  |                    |  |  |  |                 |                                   |                               |           |           |              |                  |  |



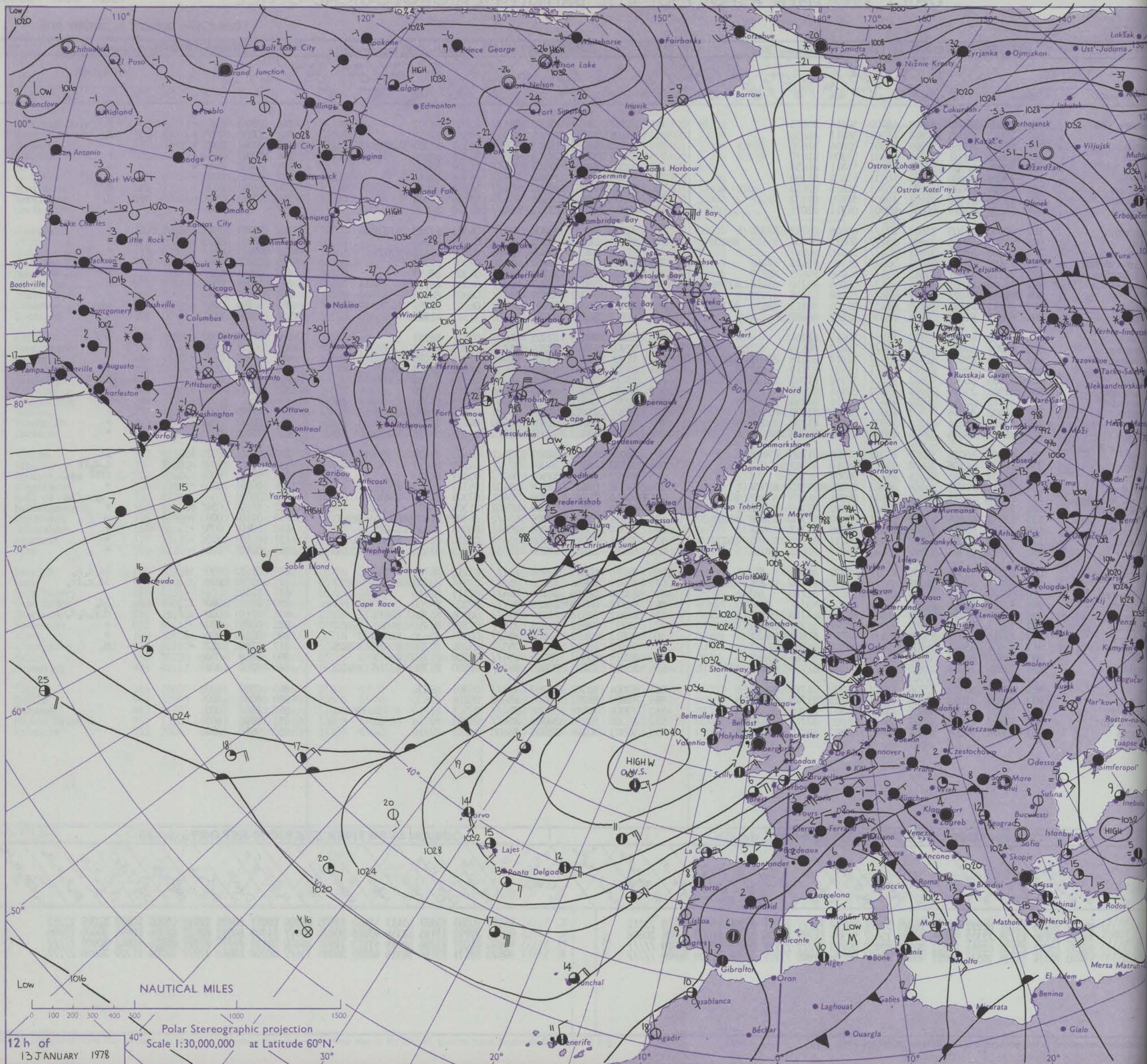
## ISSN 0307-2541

Date of Issue SATURDAY 14 JANUARY 1978

| Code FM 21.V      |        | OCEAN WEATHER STATION REPORTS at 12h. |                   |        |       |        |       |                   |               |                |                |                    |                    |                    |                       |        | OCEAN WEATHER STATION REPORTS at 18h. |                   |        |       |        |       |                   |               |                |                |                    |                    |                    |                       |  |
|-------------------|--------|---------------------------------------|-------------------|--------|-------|--------|-------|-------------------|---------------|----------------|----------------|--------------------|--------------------|--------------------|-----------------------|--------|---------------------------------------|-------------------|--------|-------|--------|-------|-------------------|---------------|----------------|----------------|--------------------|--------------------|--------------------|-----------------------|--|
| $d_w d_w P_w H_w$ | O.W.S. | $99L_3L_3$                            | $Q_6L_0L_0L_0L_0$ | YYGGIw | Nddff | VVwwwW | PPPTT | $N_h C_h C_h C_h$ | $D_5 s_{app}$ | $8N_5 C_h s_h$ | $8N_5 C_h s_h$ | $OT_5 T_s T_d T_d$ | $IT_w T_w T_w T_w$ | $3P_w P_w H_w H_w$ | $d_w d_w P_w H_w H_w$ | O.W.S. | $99L_3L_3$                            | $Q_6L_0L_0L_0L_0$ | YYGGIw | Nddff | VVwwwW | PPPTT | $N_h C_h C_h C_h$ | $D_5 s_{app}$ | $8N_5 C_h s_h$ | $8N_5 C_h s_h$ | $OT_5 T_s T_d T_d$ | $IT_w T_w T_w T_w$ | $3P_w P_w H_w H_w$ | $d_w d_w P_w H_w H_w$ |  |
| 0807              | C      | 99527                                 | 70355             | 13121  | 82212 | 98218  | 16805 | 80977             | 00217         | ////           | ////           | 05204              | 10667              | 30705              | 22212                 | C      | 99527                                 | 70355             | 13181  | 62417 | 98038  | 19505 | 63500             | 00311         | 83828          | 82922          | 05202              | 10633              | 31009              | 22212                 |  |
| ////              | R      | 99572                                 | 70190             | 13124  | 72322 | 98016  | 32710 | 75477             | 51305         | 84712          | 87620          | 07706              | 11060              | 30504              | 20808                 | R      | 99571                                 | 70193             | 13184  | 82330 | 97025  | 30610 | 85477             | 51705         | 84712          | 88622          | 07706              | 10991              | 30606              | 22808                 |  |
| ////              |        | 99655                                 | 10015             | 13124  | 62841 | 97022  | 06002 | 42460             | 00228         | ////           | ////           | 05653              | 10663              | 30909              | ////                  |        | 99654                                 | 10017             | 13184  | 32929 | 97012  | 12802 | 35400             | 31231         | ////           | ////           | 05854              | 10643              | 30908              | ////                  |  |
| ////              |        | 99470                                 | 70174             | 13124  | 70516 | 98021  | 40810 | 75677             | 00108         | 87640          | ////           | 07706              | 11220              | 30905              | ////                  |        | 99470                                 | 70171             | 13184  | 70319 | 98022  | 38309 | 75677             | 00708         | 87640          | ////           | 07706              | 11227              | 30905              | ////                  |  |

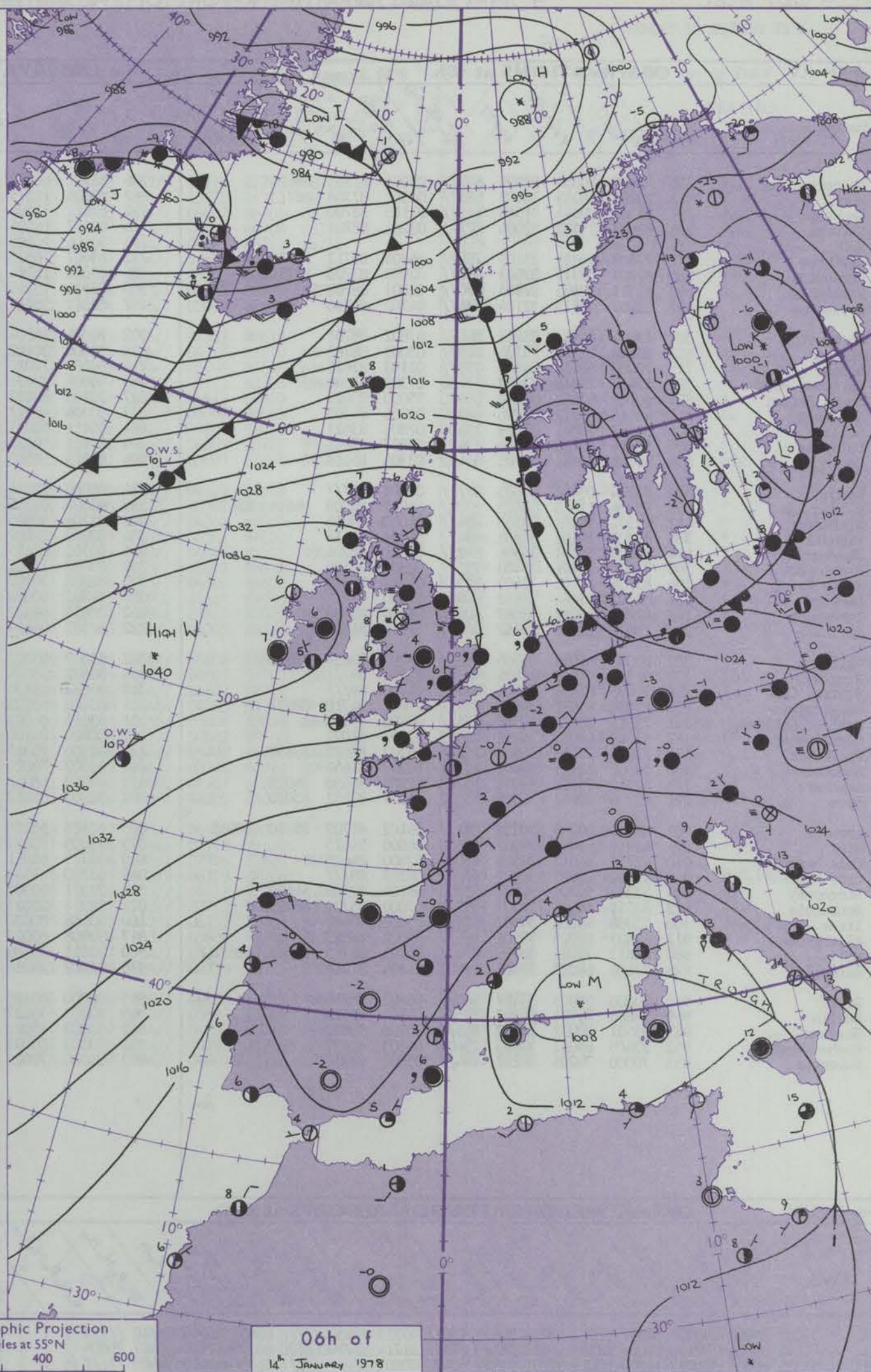
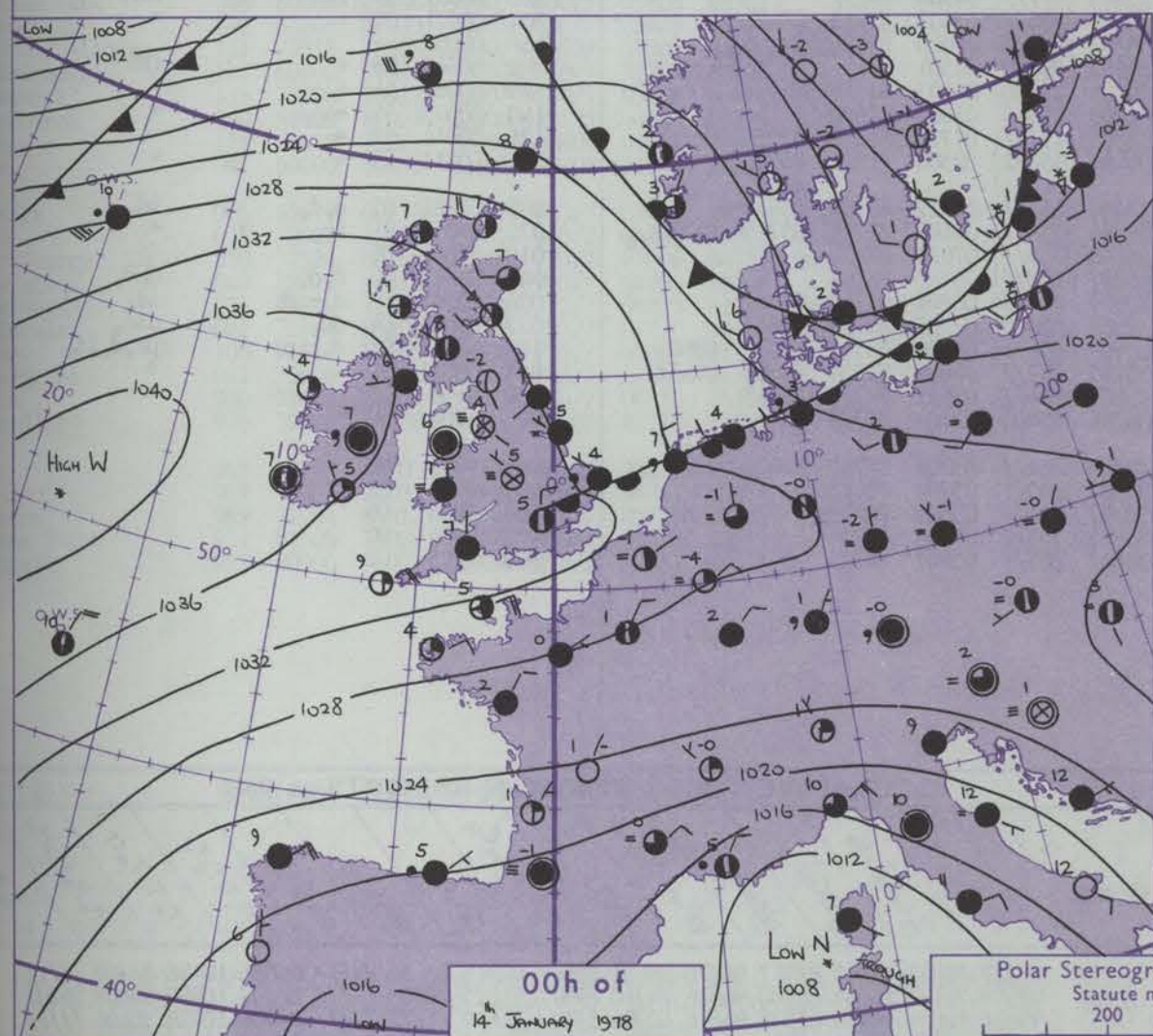
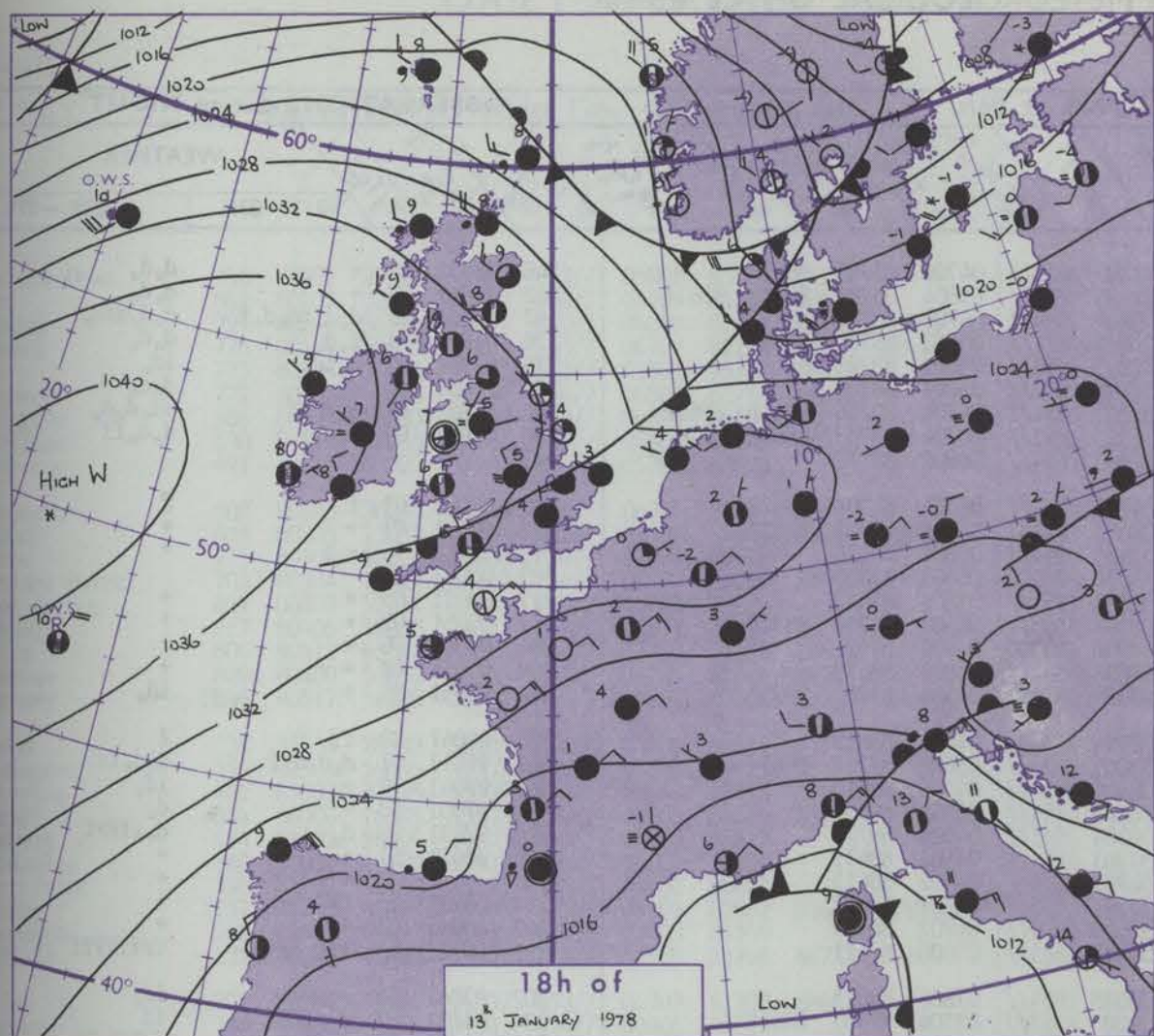


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a complex area of low pressure developed in the Denmark Strait. The anticyclone north of the Azores and the associated ridge of high pressure extending over the south of the British Isles remained slow-moving. A weak warm front moved south over Britain. During the next 24 hours the complex area of low pressure north-

west of Iceland will deepen, and a new depression will break away to the northeast. Associated troughs of low pressure will move east across the northwest of the British Isles. The ridge of high pressure over the south of the British Isles will persist.

Issued at midday SATURDAY 14 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |     | OBSERVATIONS at 00h. 14 January 1978 |       |       |  |                    |  |  |  |     |       | OBSERVATIONS at 06h. 14 January 1978 |       |  |                    |  |  |  |     |                                   |                               | OBSERVATIONS during NIGHT                                      |  |   |           |  | Code FM II.V |
|------------------|-----|--------------------------------------|-------|-------|--|--------------------|--|--|--|-----|-------|--------------------------------------|-------|--|--------------------|--|--|--|-----|-----------------------------------|-------------------------------|--|--|---|-----------|--|--------------|
| Station          | iii | Nddff                                | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | Nddff | VVwww                                | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER  |  | Station                                       |           |  |              |
|                  |     |                                      |       |       |  |                    |  |  |  |     |       |                                      |       |  |                    |  |  |  |     |                                   |                               | 21h.—03h.  | 03h.—09h.                                      |   |           |  |              |
| Boscombe Down    | 746 | 83607                                | 50054 | 32904 | 852//  | 03001              | 81705  | 88614  |  | 746 | 83507 | 40512                                | 32305 | 852//  | 04706              | 83703  | 88616  |  | 746 | 97031                             | 02                            | +  | d <sub>c</sub> d <sub>c</sub>                  | Boscombe                                      |           |  |              |
| Hurn             | 862 | 80206                                | 56055 | 33005 | 863//  | 04301              | 87708  | 88713  |  | 862 | 83606 | 15515                                | 32505 | 852//  | 05604              | 85704  | 86708  | 88614  |     | 862                               | 97041                         | 02   | +  | d <sub>c</sub> d <sub>c</sub>                 | Hurn      |  |              |
| Manston          | 797 | 83306                                | 09514 | 31503 | 870//  | 03103              | 88700  |  |  | 797 | 83612 | 15504                                | 30906 | 870//  | 06703              | 88700  |  |  | 797 | 96031                             | 01                            | d <sub>c</sub> d <sub>c</sub> fd <sub>c</sub> d <sub>c</sub> f | d <sub>c</sub> d <sub>c</sub> dfd <sub>c</sub> | Manston                                       |           |  |              |
| Gatwick          | 776 | 83607                                | 25502 | 32005 | 872//  | 03204              | 88704  |  |  | 776 | 80207 | 18505                                | 31605 | 871//  | 05803              | 86702  | 88703  |  | 776 | 91031                             | 01                            | d <sub>c</sub> d <sub>c</sub>                                  | d <sub>c</sub> d <sub>c</sub>                  | Gatwick                                       |           |  |              |
| Kew              |     |                                      |       |       |  |                    |  |  |  | 775 | 80106 | 26505                                | 32105 | 872//  | 05802              | 88705  |  |  | 775 | 97051                             | 02                            | d <sub>c</sub> id <sub>c</sub>                                 | id <sub>c</sub>                                | Kew   |           |  |              |
| Heathrow         | 772 | 73608                                | 56051 | 33105 | 754//  | 04304              | 83712  | 87622  |  | 772 | 83607 | 18505                                | 32706 | 862//  | 05801              | 88704  |  |  | 772 | 91051                             | 00                            | d <sub>c</sub>   | d <sub>c</sub> d <sub>c</sub>                  | Heathrow                                      |           |  |              |
| Honington        | 586 | 82907                                | 08515 | 32503 | 872//  | 02002              | 83703  | 88710  |  | 586 | 83308 | 18514                                | 32205 | 854//  | 04704              | 82710  | 86616  | 88622  |     | 586                               | 94021                         | 02   | d <sub>c</sub> d <sub>c</sub> ff               | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub> | Honington |  |              |
| Wattisham        | 590 | 83311                                | 10505 | 31903 | 870//  | 02001              | 88700  |  |  | 590 | 83511 | 15515                                | 31505 | 852//  | 05704              | 83703  | 88612  |  | 590 | 92021                             | 00                            | d <sub>c</sub> d <sub>c</sub> f                                | d <sub>c</sub> d <sub>c</sub> ff               | Wattisham                                     |           |  |              |
| Gorleston        | 497 | 83007                                | 48515 | 32104 | 874//  | 04202              | 88710  |  |  | 497 | 83512 | 56516                                | 31907 | 874//  | 06802              | 88710  |  |  | 497 |                                   |                               |  |  | Gorleston                                     |           |  |              |
| Aberporth        | 502 | 83604                                | 05461 | 35407 | 860//  | 07802              | 88701  |  |  | 502 | 70304 | 56104                                | 34706 | 753//  | 06705              | 81706  | 87621  |  | 502 | 00061                             | 03                            | f  | f  | Aberporth                                     |           |  |              |
| Filton           | 628 | 80408                                | 22102 | 34305 | 862//  | 05002              | 88703  |  |  | 628 | 80406 | 30102                                | 33605 | 853//  | 04806              | 85707  | 88621  |  | 628 | 00051                             | 03                            | +  | +  | Filton  |           |  |              |
| Khoose           | 715 | 70402                                | 58051 | 34203 | 755//  | 02103              | 87624  |  |  | 715 | 83302 | 72022                                | 33405 | 854//  | 03806              | 88616  |  |  | 715 | 00011                             | 56                            | +  | +  | Khoose  |           |  |              |
| Hartland Point   | 703 | 13412                                | 78010 | 33807 | 15600  | 07303              | 81640  |  |  | 703 | 40606 | 70031                                | 33606 | 46200  | 06803              | 84705  |  |  | 703 | 00051                             | 03                            |  |  | Hartland Point                                |           |  |              |
| Mount Batten     | 827 | 50109                                | 62052 | 32908 | 55500  | 05000              | 85622  |  |  | 827 | 70208 | 62052                                | 32308 | 755//  | 05806              | 87623  |  |  | 827 | 00071                             | 05                            | +  | +  | Mount Batten                                  |           |  |              |
| St. Mawgan       | 817 | 40110                                | 58011 | 33906 | 46200  | 05004              | 84705  |  |  | 817 | 80306 | 60021                                | 33606 | 863//  | 04503              | 82708  | 88710  |  | 817 | 00051                             | 02                            | +  | +  | St. Mawgan                                    |           |  |              |
| Scilly           | 804 | 30519                                | 70021 | 33309 | 35500  | 07805              | 83621  |  |  | 804 | 50611 | 65021                                | 32908 | 55500  | 06806              | 85621  |  |  | 804 | 00071                             | 06                            | +  | +  | Scilly  |           |  |              |
| Culdrose         | 809 | 10316                                | 60055 | 32806 | 15400  | 05807              | 81615  |  |  | 809 | 80411 | 60021                                | 32806 | 854//  | 05801              | 88612  |  |  | 809 | 00051                             | 03                            | +  | +  | Culdrose                                      |           |  |              |
| Guernsey         | 894 | 50718                                | 66031 | 31105 | 55402  | 03304              | 85614  |  |  | 894 | 80615 | 50505                                | 30407 | 872//  | 06604              | 83703  | 88706  |  | 894 | 97051                             | 01                            | +  | id <sub>c</sub>                                | Guernsey                                      |           |  |              |
| Elmdon           | 534 | 93204                                | 05434 | 34005 | 9////  | 05801              | 89///  |  |  | 534 | 80000 | 22104                                | 33704 | 854//  | 04604              | 88619  |  |  | 534 | 00041                             | 03                            | ff   | f  | Elmdon  |           |  |              |
| Cardington       | 559 | 83304                                | 15515 | 33405 | 853//  | 04001              | 84709  | 86614  | 88620  | 559 | 83604 | 09515                                | 33005 | 854//  | 05602              | 82711  | 88617  |  | 559 | 91011                             | 51                            | d <sub>c</sub> d <sub>c</sub> dff                              | d <sub>c</sub> d <sub>c</sub> ff               | Cardington                                    |           |  |              |
| Wittering        | 462 | 83307                                | 45101 | 33505 | 854//  | 04009              | 88616  |  |  | 462 | 83206 | 30505                                | 33604 | 854//  | 04500              | 88614  |  |  | 462 | 97041                             | 52                            | +  | id <sub>c</sub>                                | Wittering                                     |           |  |              |
| Watnall          | 354 | 82302                                | 10101 | 34201 | 854//  | 01801              | 88614  |  |  | 354 | 80000 | 22102                                | 34003 | 854//  | 03602              | 88616  |  |  | 354 | 97001                             | 53                            | +  | d <sub>c</sub>                                 | Watnall                                       |           |  |              |
| Shawbury         | 414 | 80000                                | 36101 | 34506 | 862//  | 05601              | 88704  |  |  | 414 | 90502 | 01455                                | 34004 | 9////  | 04506              | 89///  |  |  | 414 | 97031                             | 02                            | d <sub>c</sub>   | d <sub>c</sub> fffff                           | Shawbury                                      |           |  |              |
| Finningley       | 360 | 72702                                | 11101 | 33403 | 755//  | 02302              | 87620  |  |  | 360 | 80000 | 12102                                | 33203 | 854//  | 03801              | 88617  |  |  | 360 | 00021                             | 51                            | +  | +  | Finningley                                    |           |  |              |
| Spurn Point      | 396 | 83106                                | 30101 | 32405 | 855//  | 04802              | 88622  |  |  | 396 | 82808 | 30102                                | 32705 | 855//  | 04802              | 88625  |  |  | 396 |                                   |                               | +  | +  | Spurn Point                                   |           |  |              |
| Leeming          | 257 | 03402                                | 01464 | 33652 | 00900  | 052400             |  |  |  | 257 | 81702 | 60024                                | 33303 | 855//  | 01802              | 88622  |  |  | 257 | 00525                             | 55                            | fff  | +  | Leeming                                       |           |  |              |
| Tynemouth        | 262 | 82712                                | 69021 | 33007 | 809//  | 04400              | 88359  |  |  | 262 | 82814 | 69022                                | 33005 | 809//  | 04802              | 88359  |  |  | 262 | 00041                             | 02                            | +  | +  | Tynemouth                                     |           |  |              |
| Carlisle         | 222 | 11602                                | 22281 | 33952 | 00901  | 52204              | 81075  |  |  | 222 | 80302 | 04424                                | 33701 | 855//  | 01000              | 88621  |  |  | 222 | 00523                             | 56                            | iff-ff   | ffffffffff                                     | Carlisle                                      |           |  |              |
| Valley           | 302 | 80000                                | 60034 | 35306 | 855//  | 06702              | 86624  | 88635  |  | 302 | 83609 | 60202                                | 33908 | 854//  | 07806              | 88615  |  |  | 302 | 97041                             | 51                            | +  | id <sub>c</sub>                                | Valley  |           |  |              |
| Ringway          | 334 | 91205                                | 04435 | 34804 | 9////  | 04702              | 89///  |  |  | 334 | 80602 | 10284                                | 34303 | 852//  | 02504              | 82703  | 88618  |  | 334 | 91031                             | 02                            | d <sub>c</sub> d <sub>c</sub> fff                              | fff  | Ringway                                       |           |  |              |
| Squires Gate     | 318 | 91002                                | 04454 | 34204 | 9////  | 04705              | 89///  |  |  | 318 | 90802 | 01474                                | 33904 | 9////  | 04704              | 89///  |  |  | 318 | 00031                             | 51                            | fff  | ffff   | Squires Gate                                  |           |  |              |
| Ronaldsway       | 204 | 83008                                | 65031 | 34608 | 854//  | 07802              | 84710  | 88622  |  | 204 | 83410 | 68022                                | 34308 | 854//  | 05603              | 81712  | 88622  |  | 204 | 00071                             | 04                            | +  | +  | Ronaldsway                                    |           |  |              |
| Mull of Galloway | 131 | 73515                                | 70022 | 34508 | 755//  | 08400              | 87620  |  |  | 131 | 83615 | 84022                                | 34407 | 855//  | 06000              | 88625  |  |  | 131 | 00051                             |                               |  |  | Mull of Galloway                              |           |  |              |
| Eskdalemuir      | 162 | 10000                                | 60050 | 34452 | 00902  | 53203              | 81072  |  |  | 162 | 00000 | 20100                                | 34453 | 00900  | 54501              |  |  |  | 162 | 00545                             | 56                            | +  | fff  | Eskdalemuir                                   |           |  |              |
| Prestwick        | 135 | 73006                                | 70022 | 34408 | 755//  | 06303              | 83622  | 87630  |  | 135 | 22906 | 75011                                | 34106 | 25400  | 05603              | 81616  |  |  | 135 | 00061                             | 51                            | +  | +  | Prestwick                                     |           |  |              |
| Abbotsinch       | 140 | 12602                                | 62021 | 33601 | 15701  | 00307              | 81650  |  |  | 140 | 12307 | 84020                                | 32903 | 15500  | 01604              | 81620  |  |  | 140 | 00013                             | 54                            | +  | +  | Abbotsinch                                    |           |  |              |
| Leuchars         | 171 | 42312                                | 75021 | 32004 | 15702  | 01205              | 81650  | 84072  |  | 171 | 72307 | 68031                                | 30703 | 15732  | 01713              | 81650  | 87070  |  | 171 | 00011                             | 52                            | +  | +  | Leuchars                                      |           |  |              |
| Dyce             | 091 | 62708                                | 82031 | 31307 | 35632  | 04307              | 83632  | 83070  |  | 091 | 52303 | 82012                                | 30404 | 15632  | 02504              | 81635  | 85070  |  | 091 | 00511                             | 55                            | +  | +  | Dyce  |           |  |              |
| Lerwick          | 005 | 82614                                | 60205 | 24208 | 851//  | 06102              | 81702  | 85710  | 88618  | 005 | 62618 | 58206                                | 23407 | 653//  | 06712              | 85708  | 86618  |  | 005 | 01081                             | 05                            | d <sub>c</sub> d <sub>c</sub>                                  | id <sub>c</sub>                                | Lerwick                                       |           |  |              |
| Wick             | 075 | 42919                                | 65056 | 29507 | 45500  | 06808              | 84625  |  |  | 075 | 72005 | 80021                                | 29606 | 754//  | 04603              | 82713  | 85715  | 87618  |     | 075                               |                               |  |  |   |           |  |              |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

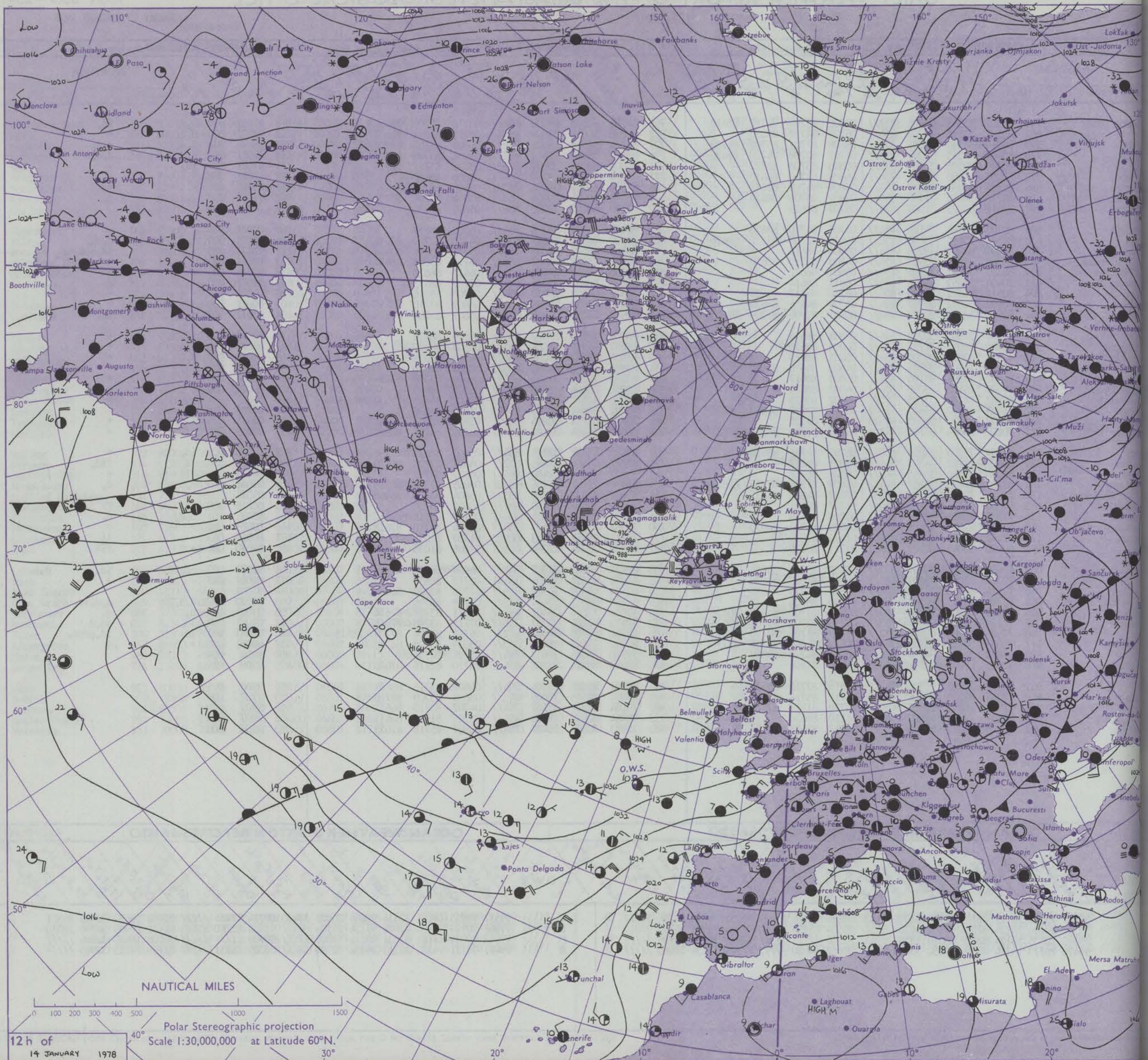
42423

Date of Issue SUNDAY 15 JANUARY 1978

| OBSERVATIONS at 12h. 14 January 1978 |     |       |       |       |  |                                   |  |  |  |     | OBSERVATIONS at 18h. 14 January 1978 |       |       |  |                                   |  |  |  |       |                      |                               | OBSERVATIONS during DAY       |   |  |  |  |
|--------------------------------------|-----|-------|-------|-------|--|-----------------------------------|--|--|--|-----|--------------------------------------|-------|-------|--|-----------------------------------|--|--|--|-------|----------------------|-------------------------------|-------------------------------|---|--|--|--|
| Station                              | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | Nddff                                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii   | RRT x T <sub>e</sub> | SSS                           | WEATHER                       |   |  |  |  |
|                                      |     |       |       |       |  |                                   |  |  |  |     |                                      |       |       |  |                                   |  |  |  |       |                      |                               | 09h.—15h.                     | 15h.—21h.   |  |  |  |
| Boscombe Down                        | 746 | 83507 | 25515 | 32106 | 852//  | 05808                             | 83704  | 86711  | 88618  | 746 | 80106                                | 40505 | 29506 | 852//  | 05710                             | 82705  | 88612  |  | 746   | 91061                | 000                           | d <sub>c</sub> d <sub>c</sub> | id <sub>c</sub>   |  |  |  |
| Hurn                                 | 862 | 80107 | 32515 | 32007 | 854//  | 06709                             | 84712  | 88620  |  | 862 | 80210                                | 50055 | 28807 | 854//  | 05712                             | 84713  | 88620  |  | 862   | 97071                | 000                           | d <sub>c</sub> d <sub>c</sub> | +   |  |  |  |
| Manston                              | 797 | 80214 | 36514 | 30607 | 870//  | 06808                             | 81701  | 85702  | 86703  | 797 | 80214                                | 40515 | 28506 | 871//  | 06607                             | 86702  | 88704  |  | 797   | 96071                | 000                           | d <sub>c</sub> d <sub>c</sub> | d <sub>c</sub> d <sub>c</sub>                                 |  |  |  |
| Gatwick                              | 776 | 80409 | 40515 | 31207 | 853//  | 06707                             | 82708  | 86710  | 88620  | 776 | 80412                                | 56205 | 28607 | 863//  | 05608                             | 84708  | 88710  |  | 776   | 97071                | 000                           | d <sub>c</sub> d <sub>c</sub> | d <sub>c</sub> d <sub>c</sub>                                 |  |  |  |
| Kew                                  | 775 | 80304 | 30505 | 31707 | 873//  | 05805                             | 85708  | 88713  |  | 775 | 80309                                | 58055 | 29207 | 864//  | 05705                             | 85712  | 88715  |  | 775   | 97081                | 000                           | id <sub>c</sub>               | +   |  |  |  |
| Heathrow                             | 772 | 80207 | 40205 | 32107 | 854//  | 06808                             | 82710  | 88616  |  | 772 | 80207                                | 50052 | 29707 | 854//  | 05606                             | 88613  |  | 772  | 91081 | 000                  | d <sub>c</sub>                | +                             |   |  |  |  |
| Honington                            | 586 | 80107 | 56055 | 32007 | 853//  | 06806                             | 84708  | 88612  |  | 586 | 80309                                | 60022 | 30206 | 863//  | 05503                             | 88707  |  | 586  | 00081 | 006                  | +                             | +                             |   |  |  |  |
| Wattisham                            | 590 | 80210 | 56055 | 31707 | 853//  | 06807                             | 85706  | 88614  |  | 590 | 80412                                | 60025 | 29906 | 863//  | 05502                             | 85706  | 88709  |  | 590   | 91071                | 000                           | d <sub>c</sub>                | d <sub>c</sub>  |  |  |  |
| Corlestone                           | 497 | 83618 | 60025 | 31807 | 855//  | 05707                             | 88625  |  |  | 497 | 83609                                | 58022 | 30406 | 856//  | 05602                             | 88630  |  | 497  |       | 000                  |                               |                               |   |  |  |  |
| Aberporth                            | 502 | 80103 | 30284 | 34106 | 854//  | 06705                             | 84710  | 88620  |  | 502 | 80903                                | 65022 | 32105 | 854//  | 04502                             | 88619  |  | 502  | 00071 | 000                  | f                             | +                             |   |  |  |  |
| Filton                               | 628 | 80305 | 25052 | 33406 | 852//  | 05806                             | 82705  | 85710  | 88620  | 628 | 80209                                | 18505 | 30605 | 854//  | 04710                             | 83710  | 88618  |  | 628   | 97071                | 000                           | d <sub>c</sub> d <sub>c</sub> | d <sub>c</sub> d <sub>c</sub>                                 |  |  |  |
| Rhoose                               | 715 | 80102 | 62022 | 33206 | 854//  | 05806                             | 88618  |  |  | 715 | 80102                                | 50512 | 30605 | 854//  | 03708                             | 83616  | 88618  |  | 715   | 97071                | 000                           | +                             | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub> -d <sub>c</sub> |  |  |  |
| Hartland Point                       | 703 | 80304 | 74021 | 33307 | 854//  | 06803                             | 82710  | 88630  |  | 703 | 80510                                | 69022 | 30107 | 853//  | 05711                             | 83708  | 88630  |  | 703   | 00071                | 000                           |                               |   |  |  |  |
| Mount Batten                         | 827 | 80307 | 57051 | 32308 | 855//  | 05807                             | 88622  |  |  | 827 | 80308                                | 57052 | 29008 | 855//  | 06611                             | 88620  |  | 827  | 00081 | 000                  | +                             | +                             |   |  |  |  |
| St. Mawgan                           | 817 | 80406 | 58052 | 32807 | 854//  | 04811                             | 88614  |  |  | 817 | 80506                                | 58052 | 30006 | 854//  | 03707                             | 88615  |  | 817  | 97071 | 000                  | +                             | d <sub>c</sub>                |   |  |  |  |
| Scilly                               | 804 | 80512 | 65022 | 32609 | 884//  | 05710                             | 86817  | 88621  |  | 804 | 80512                                | 64022 | 29708 | 854//  | 04708                             | 88618  |  | 804  | 00091 | 000                  | +                             | +                             |   |  |  |  |
| Culdrose                             | 809 | 80409 | 50052 | 32707 | 854//  | 04709                             | 84616  | 88628  |  | 809 | 80310                                | 45052 | 29706 | 854//  | 04609                             | 83710  | 88616  |  | 809   | 00071                | 000                           | +                             | +   |  |  |  |
| Guernsey                             | 894 | 80517 | 58205 | 30107 | 853//  | 06807                             | 83706  | 85709  | 87613  | 894 | 80522                                | 61025 | 26907 | 853//  | 05607                             | 83708  | 87613  |  | 894   | 97071                | 000                           | d <sub>c</sub> d <sub>c</sub> | id <sub>c</sub>   |  |  |  |
| Elmdon                               | 534 | 83504 | 28502 | 33705 | 854//  | 05801                             | 88614  |  |  | 534 | 80000                                | 18105 | 31105 | 854//  | 04609                             | 88618  |  | 534  | 97051 | 000                  | id <sub>c</sub>               | +                             |   |  |  |  |
| Cardington                           | 559 | 80305 | 56055 | 32707 | 855//  | 06804                             | 88625  |  |  | 559 | 80407                                | 40102 | 30606 | 855//  | 05502                             | 88622  |  | 559  | 97071 | 000                  | d <sub>c</sub> d <sub>c</sub> | +                             |   |  |  |  |
| Wittering                            | 462 | 83503 | 37055 | 33305 | 854//  | 05803                             | 88615  |  |  | 462 | 83606                                | 18052 | 31205 | 854//  | 04502                             | 88616  |  | 462  | 97061 | 000                  | d <sub>c</sub>                | +                             |   |  |  |  |
| Watnall                              | 354 | 80000 | 16505 | 33805 | 854//  | 04803                             | 84616  | 88640  |  | 354 | 83205                                | 20055 | 31305 | 855//  | 03504                             | 88620  |  | 354  | 97061 | 000                  | id <sub>c</sub> f             | +                             |   |  |  |  |
| Shawbury                             | 414 | 81502 | 56104 | 34105 | 854//  | 05803                             | 88617  |  |  | 414 | 83205                                | 19102 | 31605 | 853//  | 04606                             | 82708  | 88614  |  | 414   | 00061                | 000                           | ff                            | +   |  |  |  |
| Finningley                           | 360 | 80000 | 16102 | 33305 | 854//  | 04002                             | 88616  |  |  | 360 | 80000                                | 35044 | 30705 | 855//  | 03603                             | 88620  |  | 360  | 00071 | 000                  | f                             | +                             |   |  |  |  |
| Spurn Point                          | 396 | 82907 | 18102 | 33205 | 855//  | 04002                             | 88625  |  |  | 396 | 63006                                | 32102 | 30905 | 655//  | 04502                             | 88625  |  | 396  |       |                      | +                             | +                             |   |  |  |  |
| Leeming                              | 257 | 71803 | 60022 | 33405 | 55502  | 03102                             | 82622  | 83640  | 87072  | 257 | 12702                                | 60041 | 30403 | 00902  | 01614                             | 81070  |  | 257  | 00065 | 018                  | +                             | +                             |   |  |  |  |
| Tynemouth                            | 262 | 72609 | 61022 | 32705 | 60938  | 03603                             | 86359  |  |  | 262 | 32710                                | 61021 | 30204 | 00901  | 03815                             | 83075  |  | 262  | 00071 | 028                  | +                             | +                             |   |  |  |  |
| Carlisle                             | 222 | 70202 | 05464 | 33101 | 753//  | 01808                             | 83706  | 84715  | 87625  | 222 | 80000                                | 18104 | 31203 | 854//  | 03705                             | 84714  | 88620  |  | 222   | 00041                | 000                           | ff                            | +   |  |  |  |
| Valley                               | 302 | 80104 | 75205 | 34207 | 853//  | 06707                             | 81708  | 88614  |  | 302 | 83605                                | 65022 | 32106 | 854//  | 05606                             | 88612  |  | 302  | 97081 | 000                  | id <sub>c</sub>               | +                             |   |  |  |  |
| Ringway                              | 334 | 81202 | 15282 | 34303 | 854//  | 03801                             | 88617  |  |  | 334 | 82802                                | 14504 | 31605 | 852//  | 04607                             | 87703  | 88614  |  | 334   | 97051                | 000                           | ff                            | ffd <sub>c</sub>  |  |  |  |
| Squires Gate                         | 318 | 80000 | 05444 | 33605 | 860//  | 05806                             | 88701  |  |  | 318 | 83207                                | 65034 | 31406 | 864//  | 04607                             | 88712  |  | 318  | 00061 | 000                  | FFF                           | +                             |   |  |  |  |
| Ronaldsway                           | 204 | 83208 | 82035 | 33707 | 854//  | 05809                             | 81711  | 83713  | 88616  | 204 | 53408                                | 75202 | 31706 | 56401  | 04805                             | 81710  | 84715  |  | 204   | 97081                | 000                           | d <sub>c</sub>                | d <sub>c</sub>  |  |  |  |
| Mull of Galloway                     | 131 | 73315 | 78505 | 34007 | 6853//   | 07807                             | 84820  | 83625  |  | 131 | 83607                                | 83035 | 32006 | 3552//   | 05604                             | 83620  | 88460  |  | 131   | 91071                |                               |                               |   |  |  |  |
| Eskdalemuir                          | 162 | 60000 | 01424 | 33450 | 660//  | 51707                             | 86701  |  |  | 162 | 90000                                | 01474 | 31700 | 91//   | 50602                             | 89/00  |  | 162  | 00015 | 000                  | FF                            | FF                            |   |  |  |  |
| Prestwick                            | 135 | 72706 | 70011 | 33507 | 654/1  | 05808                             | 86618  |  |  | 135 | 82705                                | 80025 | 3130  |  |                                   |  |  |  |       |                      |                               |                               |   |  |  |  |

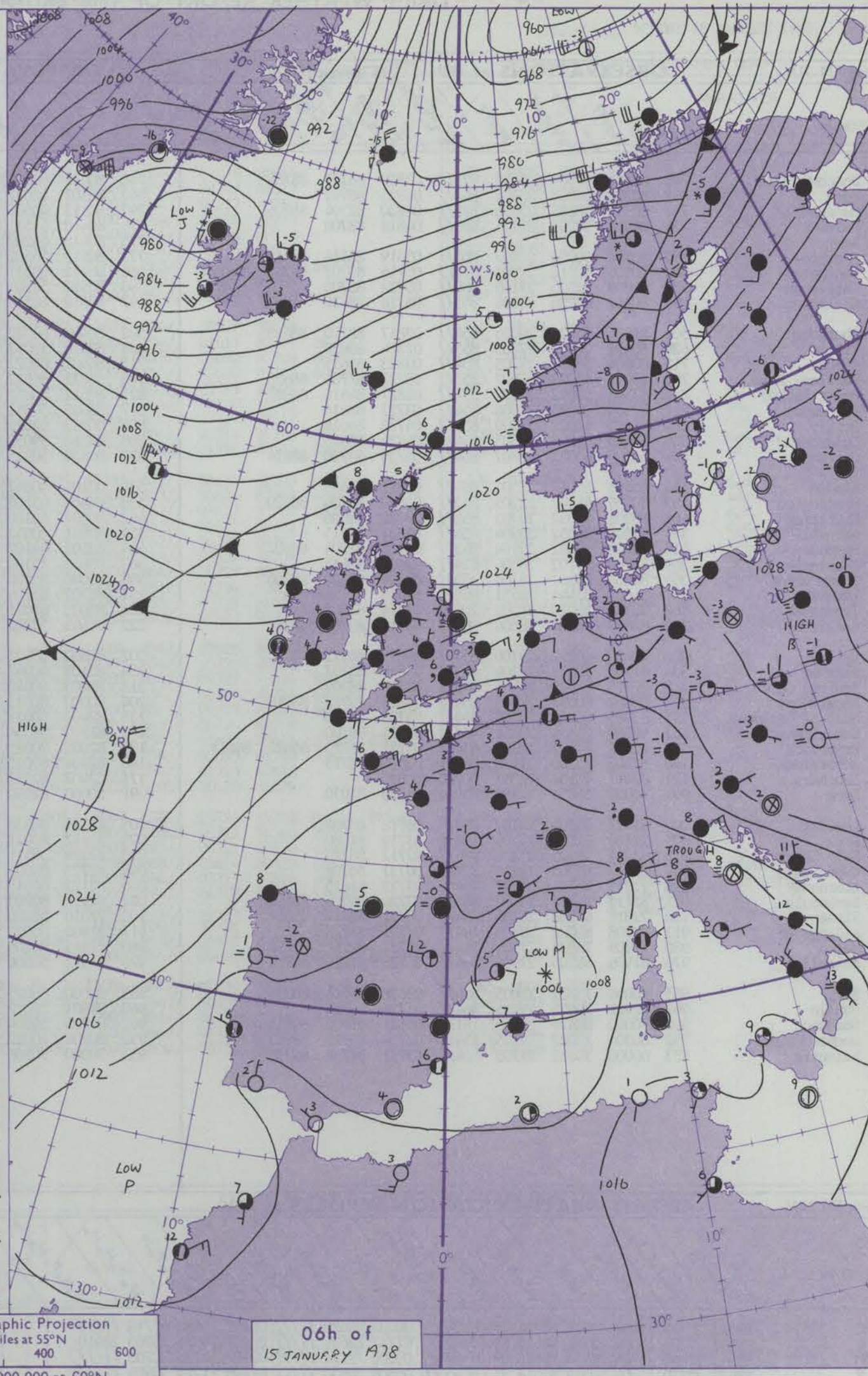
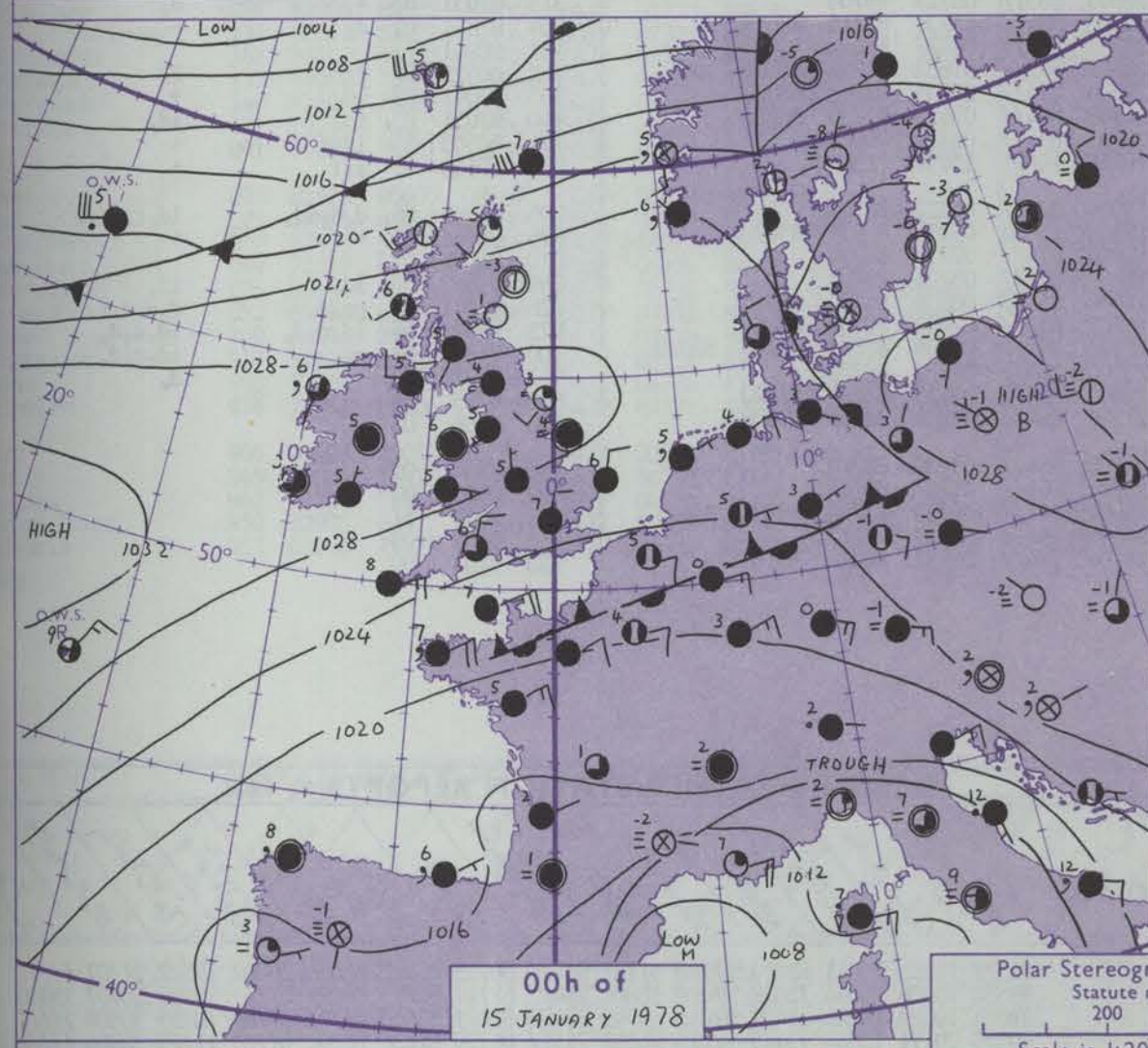
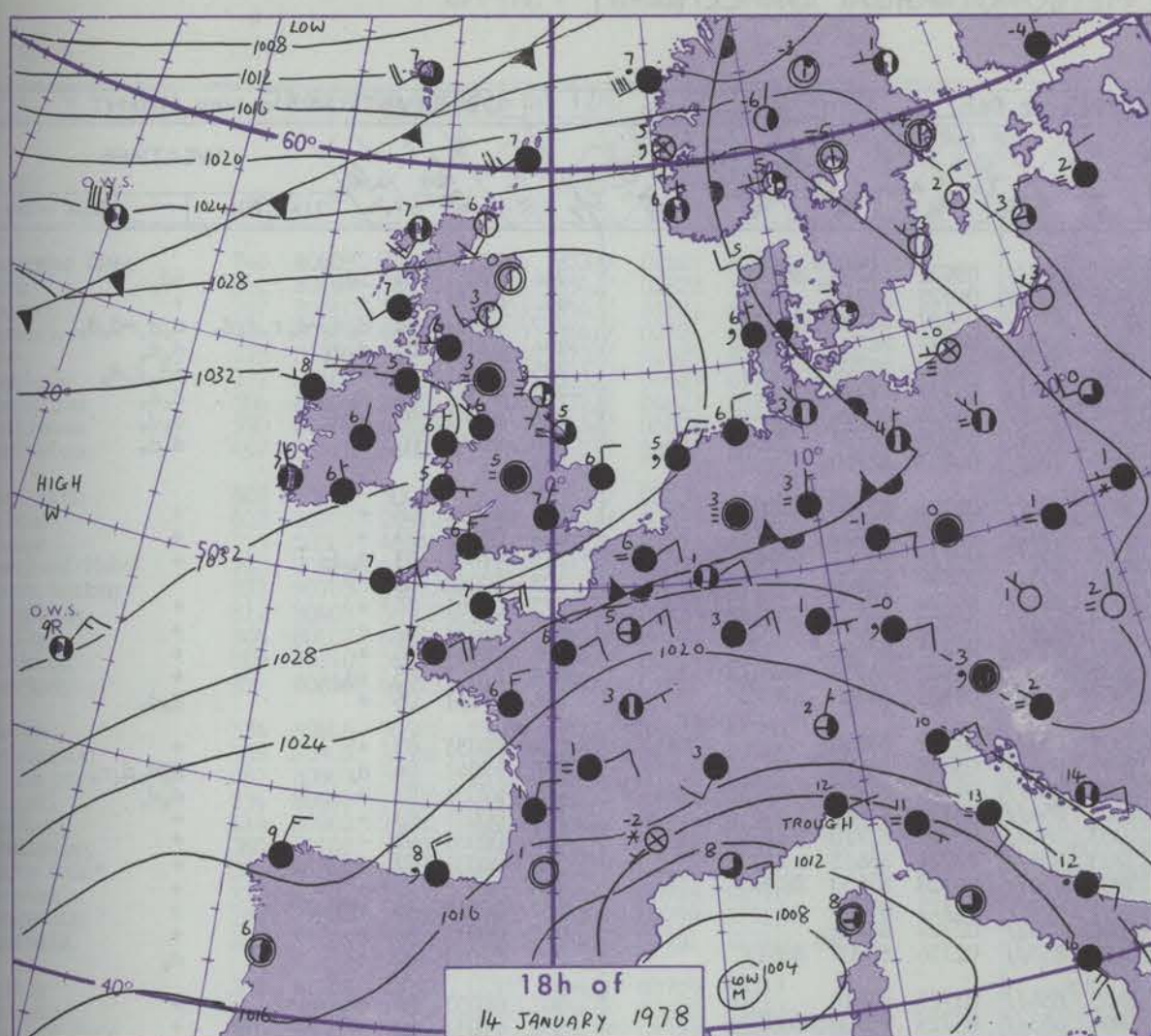


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours an anticyclone to the west of Ireland gradually filled and pressure fell steadily over the British Isles. A westerly gradient became established over Northern Ireland, Scotland and northern England, whilst southern Britain had an

easterly gradient. During the next 24 hours pressure will continue to fall and a slow moving weak cold front now approaching northwest Scotland is expected to reach Eire and northern England by the end of the period.

Issued at midday SUNDAY 15 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. 15 January 1978 |                  |     |       |       |       |                                   |                    |  |  | OBSERVATIONS at 06h. 15 January 1978           |     |       |       |       |                                   |                    |  |  |  | OBSERVATIONS during NIGHT |                                   |           |  |  |                  |
|--------------------------------------|------------------|-----|-------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|-------|-------|-------|-----------------------------------|--------------------|--|--|--|---------------------------|-----------------------------------|-----------|--|--|------------------|
| Code FM II.V                         | Station          | ill | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill                       | RRT <sub>n</sub> T <sub>n</sub> E | Tg        | WEATHER  |  |                  |
|                                      |                  |     |       |       |       |                                   |                    |  |  |  |     |       |       |       |                                   |                    |  |  |  |                           | 21h.—03h.                         | 03h.—09h. |  |  |                  |
|                                      | Boscombe Down    | 746 | 80512 | 60505 | 26705 | 873//                             | 03820              | 86707  | 88708  |  | 746 | 80611 | 68025 | 21505 | 863//                             | 03622              | 85709  | 88711  |  | 746                       | 97051                             | 04        | id <sub>c</sub>  | id <sub>c</sub>  | Boscombe         |
|                                      | Hurn             | 862 | 80308 | 64032 | 25906 | 864//                             | 04825              | 88712  |  |  | 862 | 80507 | 62022 | 20906 | 864//                             | 04722              | 88712  |  |  | 862                       | 00051                             | 05        | +  | +  | Hurn             |
|                                      | Manston          | 797 | 80314 | 58585 | 25706 | 872//                             | 06820              | 82704  | 88706  |  | 797 | 80513 | 40506 | 20805 | 871//                             | 05627              | 82702  | 88703  |  | 797                       | 92051                             | 04        | d <sub>c</sub> d <sub>c</sub> -d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> | d <sub>c</sub> d <sub>c</sub> -d <sub>c</sub> d <sub>c</sub> | Manston          |
|                                      | Gatwick          | 776 | 80514 | 59205 | 26106 | 863//                             | 04818              | 88708  |  |  | 776 | 80410 | 61515 | 20705 | 873//                             | 04629              | 86706  | 88710  |  | 776                       | 97051                             | 04        | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub>                                | Gatwick          |
|                                      | Kew              |     |       |       |       |                                   |                    |  |  |  | 775 | 80410 | 65202 | 21206 | 873//                             | 04730              | 88709  |  |  | 775                       | 97041                             | 04        | +  | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>                | Kew              |
|                                      | Heathrow         | 772 | 80208 | 60035 | 27107 | 854//                             | 05819              | 83714  | 88616  |  | 772 | 80513 | 58502 | 21606 | 864//                             | 04731              | 88710  |  |  | 772                       | 97051                             | 04        | d <sub>c</sub>   | d <sub>c</sub> d <sub>c</sub>                                | Heathrow         |
|                                      | Honington        | 586 | 80106 | 40512 | 27505 | 852//                             | 05718              | 83703  | 85705  | 88617  | 586 | 80712 | 60515 | 22504 | 872//                             | 04726              | 88704  |  |  | 586                       | 97041                             | 03        | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub>                                | Honington        |
|                                      | Wattisham        | 590 | 80209 | 12505 | 27105 | 860//                             | 05722              | 88700  |  |  | 590 | 80510 | 56505 | 22204 | 862//                             | 03726              | 88703  |  |  | 590                       | 91041                             | 03        | d <sub>c</sub>   | d <sub>c</sub> d <sub>c</sub>                                | Wattisham        |
|                                      | Corlestone       | 497 | 80212 | 60205 | 28006 | 855//                             | 05718              | 88620  |  |  | 497 | 80516 | 66516 | 23305 | 874//                             | 04727              | 88710  |  |  | 497                       |                                   |           |  |  | Corlestone       |
|                                      | Aberporth        | 502 | 81005 | 62022 | 29105 | 854//                             | 03817              | 82710  | 88618  |  | 502 | 80402 | 60022 | 23804 | 854//                             | 02726              | 85710  | 88618  |  | 502                       | 00031                             | 03        | +  | +  | Aberporth        |
|                                      | Filton           | 628 | 80411 | 20055 | 27805 | 855//                             | 02824              | 88620  |  |  | 628 | 80310 | 18052 | 22304 | 854//                             | 03729              | 88618  |  |  | 628                       | 00041                             | 03        | +  | +  | Filton           |
|                                      | Rhoose           | 715 | 80204 | 58055 | 27705 | 854//                             | 03823              | 88615  |  |  | 715 | 80407 | 60022 | 22005 | 854//                             | 03729              | 83615  | 88616  |  | 715                       | 97041                             | 03        | d <sub>c</sub> d <sub>c</sub>  | +  | Rhoose           |
|                                      | Hartland Point   | 703 | 80412 | 65022 | 27507 | 853//                             | 05723              | 81706  | 88620  |  | 703 | 80622 | 66022 | 21406 | 855//                             | 05730              | 88620  |  |  | 703                       | 00060                             | 05        |  | +  | Hartland Point   |
|                                      | Mount Batten     | 827 | 83506 | 58052 | 25907 | 854//                             | 05827              | 84616  | 88620  |  | 827 | 80512 | 58052 | 21006 | 854//                             | 05724              | 88614  |  |  | 827                       | 00061                             | 04        | +  | +  | Mount Batten     |
|                                      | St. Mawgan       | 817 | 80509 | 58025 | 27006 | 854//                             | 03722              | 88614  |  |  | 817 | 80609 | 50052 | 21605 | 854//                             | 03722              | 88610  |  |  | 817                       | 00051                             | 02        | +  | +  | St. Mawgan       |
|                                      | Scilly           | 804 | 80713 | 62022 | 25708 | 854//                             | 04732              | 88618  |  |  | 804 | 80813 | 64022 | 21607 | 855//                             | 04721              | 88620  |  |  | 804                       | 00061                             | 06        | +  | +  | Scilly           |
|                                      | Culdrose         | 809 | 80413 | 60205 | 26305 | 854//                             | 04824              | 88616  |  |  | 809 | 80310 | 59052 | 21305 | 853//                             | 03822              | 84709  | 88615  |  | 809                       | 97051                             | 05        | id <sub>c</sub>  | +  | Culdrose         |
|                                      | Guernsey         | 894 | 80525 | 58022 | 22807 | 854//                             | 05730              | 86710  | 88614  |  | 894 | 80624 | 50515 | 17907 | 853//                             | 05725              | 84706  | 87610  |  | 894                       | 97061                             | 05        | +  | d <sub>c</sub> d <sub>c</sub>                                | Guernsey         |
|                                      | Elmdon           | 534 | 83505 | 45042 | 28505 | 854//                             | 03821              | 88618  |  |  | 534 | 80104 | 40042 | 23304 | 854//                             | 02729              | 88616  |  |  | 534                       | 00031                             | 03        | +  | +  | Elmdon           |
|                                      | Cardington       | 559 | 80306 | 45102 | 28205 | 852//                             | 05820              | 85704  | 88620  |  | 559 | 80408 | 45105 | 22905 | 864//                             | 05728              | 88711  |  |  | 559                       | 97041                             | 04        | d <sub>c</sub>   | d <sub>c</sub> d <sub>c</sub> d <sub>c</sub> r <sub>c</sub>  | Cardington       |
|                                      | Wittering        | 462 | 80206 | 40052 | 28705 | 855//                             | 03722              | 88620  |  |  | 462 | 80507 | 19102 | 23404 | 860//                             | 04728              | 88701  |  |  | 462                       | 97031                             | 03        | +  | d <sub>c</sub> d <sub>c</sub>                                | Wittering        |
|                                      | Watnall          | 354 | 82801 | 36052 | 28904 | 854//                             | 03821              | 88615  |  |  | 354 | 80401 | 20052 | 24003 | 854//                             | 03727              | 88616  |  |  | 354                       | 00031                             | 03        | +  | +  | Watnall          |
|                                      | Shawbury         | 414 | 83203 | 48042 | 29104 | 862//                             | 03718              | 82704  | 88707  |  | 414 | 83102 | 44102 | 24003 | 864//                             | 03726              | 82710  | 88713  |  | 414                       | 00031                             | 02        | +  | +  | Shawbury         |
|                                      | Finningley       | 360 | 82702 | 35102 | 28504 | 854//                             | 03820              | 88615  |  |  | 360 | 83602 | 15102 | 23703 | 854//                             | 03724              | 88615  |  |  | 360                       | 00031                             | 02        | +  | +  | Finningley       |
|                                      | Spurn Point      | 396 | 80000 | 30101 | 28704 | 855//                             | 03719              | 85620  | 88360  |  | 396 | 80000 | 35102 | 23904 | 556//                             | 04728              | 85633  | 88360  |  | 396                       |                                   |           | +  | +  | Spurn Point      |
|                                      | Leeming          | 257 | 01605 | 01444 | 28551 | 00900                             | 51619              |  |  |  | 257 | 82702 | 45104 | 24001 | 862//                             | 01725              | 88704  |  |  | 257                       | 00515                             | 55        | fff  | +  | Leeming          |
|                                      | Tynemouth        | 262 | 22302 | 56020 | 28302 | 20930                             | 02714              | 82358  |  |  | 262 | 82005 | 61021 | 22802 | 8092//                            | 02724              | 88458  |  |  | 262                       | 00011                             | 50        | +  | +  | Tynemouth        |
|                                      | Carlisle         | 222 | 82602 | 30102 | 28004 | 863//                             | 03818              | 83709  | 88711  |  | 222 | 81603 | 58202 | 23103 | 853//                             | 02736              | 83707  | 88619  |  | 222                       | 97021                             | 02        | +  | d <sub>c</sub>   | Carlisle         |
|                                      | Valley           | 302 | 80000 | 60022 | 29206 | 854//                             | 04619              | 88612  |  |  | 302 | 81602 | 60022 | 23605 | 854//                             | 03727              | 88614  |  |  | 302                       | 00051                             | 04        | +  | +  | Valley           |
|                                      | Ringway          | 334 | 81504 | 57025 | 29204 | 863//                             | 03819              | 88707  |  |  | 334 | 83102 | 40042 | 24604 | 853//                             | 03725              | 83709  | 88618  |  | 334                       | 00031                             | 03        | +  | +  | Ringway          |
|                                      | Squires Gate     | 318 | 82405 | 68022 | 28605 | 863//                             | 03719              | 88709  |  |  | 318 | 81003 | 40042 | 24003 | 863//                             | 03725              | 88708  |  |  | 318                       | 97031                             | 03        | +  | d <sub>c</sub>   | Squires Gate     |
|                                      | Ronaldsway       | 204 | 80000 | 80031 | 28205 | 854//                             | 04826              | 84713  | 88616  |  | 204 | 80000 | 80015 | 23005 | 854//                             | 03731              | 81713  | 88618  |  | 204                       | 97041                             | 01        | d <sub>c</sub>   | +  | Ronaldsway       |
|                                      | Mull of Galloway | 131 | 83305 | 80032 | 28605 | 855//                             | 05720              | 88620  |  |  | 131 | 82409 | 80022 | 23005 | 855//                             | 03737              | 88620  |  |  | 131                       | 00041                             |           |  | +  | Mull of Galloway |
|                                      | Eskdalemuir      | 162 | 90000 | 01454 | 28451 | 911//                             | 52821              | 89/00  |  |  | 162 | 81705 | 56054 | 22901 | 862//                             | 51832              | 83704  | 88709  |  | 162                       | 00525                             | 52        | ff   | FF   | Eskdalemuir      |
|                                      | Prestwick        | 135 | 82002 | 67205 | 28205 | 854//                             | 05721              | 81710  | 84613  | 86617  | 135 | 82005 | 70025 | 22205 | 854//                             | 02735              | 82618  | 88622  |  | 135                       | 97041                             | 03        | id <sub>c</sub>  | +  | Prestwick        |
|                                      | Abbotsinch       | 140 | 82808 | 65205 | 27606 | 864//                             | 03616              | 88715  |  |  | 140 | 82904 | 65025 | 21705 | 854//                             | 03633              | 81710  | 88620  |  | 140                       | 97051                             | 03        | id <sub>c</sub>  | id <sub>c</sub>  | Abbotsinch       |
|                                      | Leuchars         | 171 | 02411 | 40104 | 26301 | 00900                             | 00820              |  |  |  | 171 | 62407 | 62031 | 20801 | 654//                             | 00731              | 86616  |  |  | 171                       | 00503                             | 55        | iff  | +  | Leuchars         |
|                                      | Dyce             | 091 | 10000 | 56054 | 24853 | 00901                             | 54825              | 81070  |  |  | 091 | 20000 | 62050 | 19754 | 10931                             | 55731              | 81360  |  |  | 091                       | 00563                             | 61        | iff  | +  | Dyce             |
|                                      | Lerwick          | 005 | 82429 | 60205 | 18107 | 863//                             | 06718              | 88707  |  |  | 005 | 82124 | 30536 | 13006 | 871//                             | 06727              | 88702  |  |  | 005                       | 02062                             | 06        | d <sub>c</sub> d <sub>c</sub> id <sub>c</sub>  | id <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> | Lerwick          |
|                                      | Wick             | 075 | 22109 | 82030 | 23105 | 10932                             | 03719              | 81360  |  |  | 075 | 52117 | 80031 | 17305 | 15632                             | 03732              | 81635  | 85070  |  | 075                       | 00041                             | 01        | +  | +  | Wick             |
|                                      | Sule Skerry      | 010 | 82327 | 58505 | 21208 | 874//                             | 07712              | 88715  |  |  | 010 | 82329 | 58516 | 14808 | 874//                             | 07733              | 88710  |  |  | 010                       | 01072                             | 07        |  |  | Sule Skerry      |
|                                      | Cape Wrath       | 049 | 82723 | 60505 | 20207 | 873//                             | 06721              | 88708  |  |  | 049 | 82723 | 60505 | 14607 | 872//                             | 05724              | 88705  |  |  | 049                       | 01062                             | 05        | id <sub>c</sub>  | id <sub>c</sub>  | Cape Wrath       |
|                                      | Stornoway        | 026 | 12315 | 75251 | 21807 | 15400                             | 07729              | 81615  |  |  | 026 | 82122 | 60515 | 14908 | 853//                             | 08839              | 84707  | 88612  |  | 026                       | 95071                             | 05        | pr <sub>c</sub> d <sub>c</sub>   | d <sub>c</sub> d <sub>c</sub> d <sub>c</sub> r <sub>c</sub>  | Stornoway        |
|                                      | Benbecula        | 022 | 82113 | 56515 | 24007 | 853//                             | 07724              | 85709  | 88614  |  | 022 | 81916 | 60205 | 16807 | 853//                             | 07840              | 86709  | 88615  |  | 022                       | 95071                             | 06        | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>  | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>                | Benbecula        |
|                                      | Tiree            | 100 | 72311 | 64258 | 26106 | 784//                             | 06721              | 82814  | 85617  |  | 100 | 72016 | 58205 | 18907 | 753//                             | 06739              | 82707  | 84709  | 87635  | 100                       | 94051                             | 03        | pr <sub>c</sub>  | id <sub>c</sub> id <sub>c</sub>                              | Tiree            |
|                                      | Aldergrove       | 917 | 82708 | 80022 | 28905 | 864//                             | 01721              | 88713  |  |  | 917 | 81906 | 80022 | 23004 | 864//                             | 02735              | 88714  |  |  | 917                       | 97031                             | 03        | +  | d <sub>c</sub>   | Aldergrove       |
|                                      | Malin            | 980 | 71909 | 75035 | 27306 | 764//                             | 04722              | 82711  | 85718  |  | 980 | 71915 | 80205 | 20805 | 754//                             | 04735              | 83717  | 87620  |  | 980                       | 9705                              | 04        |  |  | Malin            |
|                                      | Belmullet        | 976 | 61906 | 68505 | 27906 | 664//                             | 06726              | 82710  | 84716  |  | 976 | 81912 | 58506 | 21207 | 864//                             | 06736              | 86714  | 87636  |  | 976                       | 0106                              | 03        |  |  | Belmullet        |
|                                      | Birr             | 965 | 80000 | 75022 | 29005 | 864//                             | 03628              | 85714  | 88630  |  | 965 | 80000 | 66025 | 24104 | 864//                             | 03730              | 88710  |  |  | 965                       | 9704                              | 02        |  |  | Birr             |
|                                      | Dublin           | 969 | 82901 | 70025 | 29205 | 864//                             | 01726              | 88714  |  |  | 969 | 81801 | 75022 | 23904 | 864//                             | 01727              | 88711  |  |  | 969                       | 0003                              | 03        |  |  | Dublin           |
|                                      | Shannon          | 962 | 70000 | 08426 | 29805 | 761//                             | 05621              | 85702  | 86625  |  | 962 | 81705 | 50504 | 24004 | 861//                             | 04732              | 83702  | 83708  | 88624  | 962                       | 9304                              | 51        |  |  | Shannon          |
|                                      | Roches Point     | 952 | 80304 | 75022 | 29305 | 854//                             | 02724              | 83712  | 88623  |  | 952 | 80204 | 70022 | 24104 | 864//                             | 01729              | 88717  |  |  | 952                       | 0004                              | 03        |  |  | Roches Point     |
|                                      | Valentia         | 953 | 60000 | 700   |       |                                   |                    |  |  |  |     |       |       |       |                                   |                    |  |  |  |                           |                                   |           |  |  |                  |

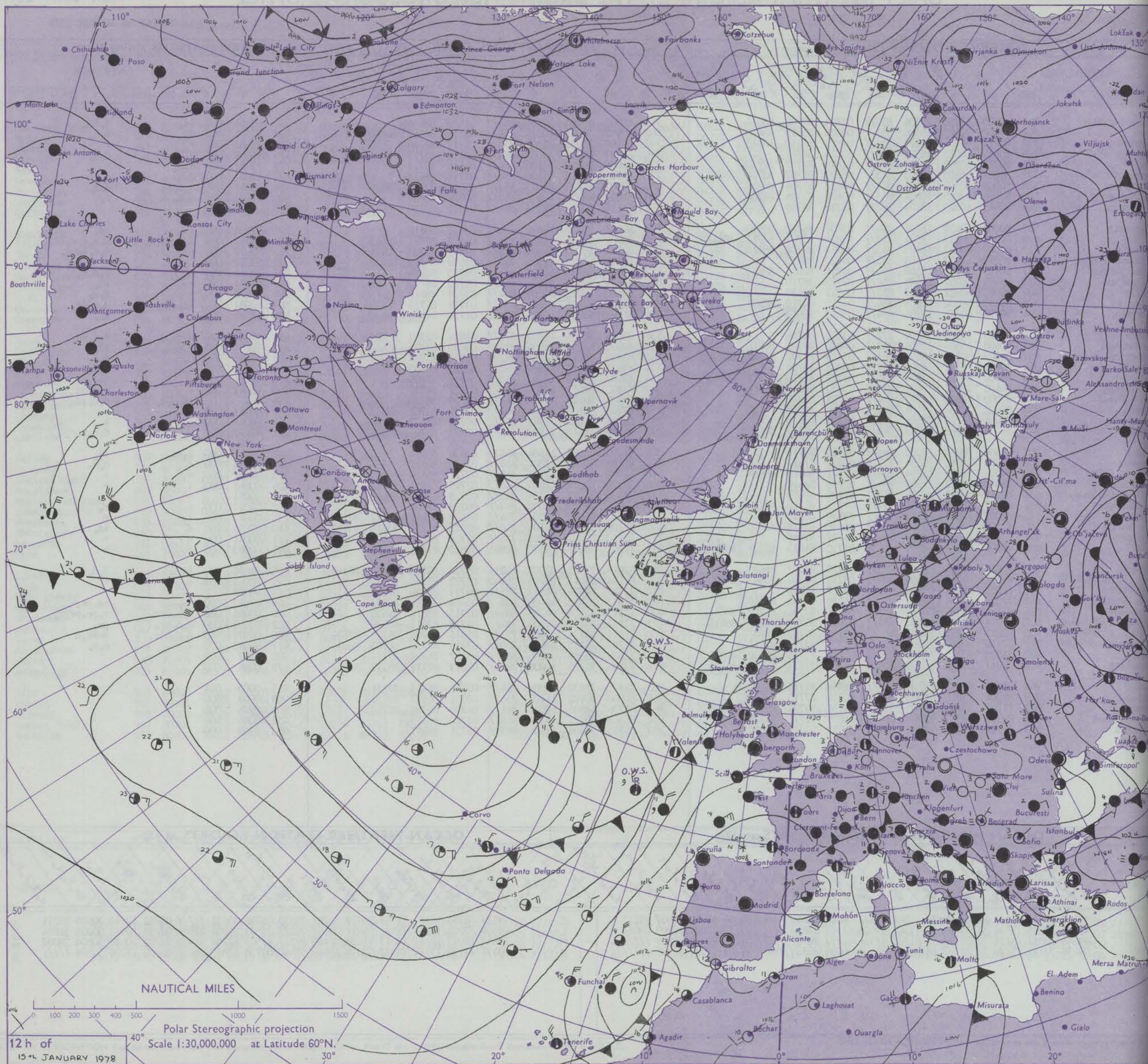


Date of Issue MONDAY 16 JANUARY 1978

times of observation printed in this publication are GREENWICH MEAN TIME.

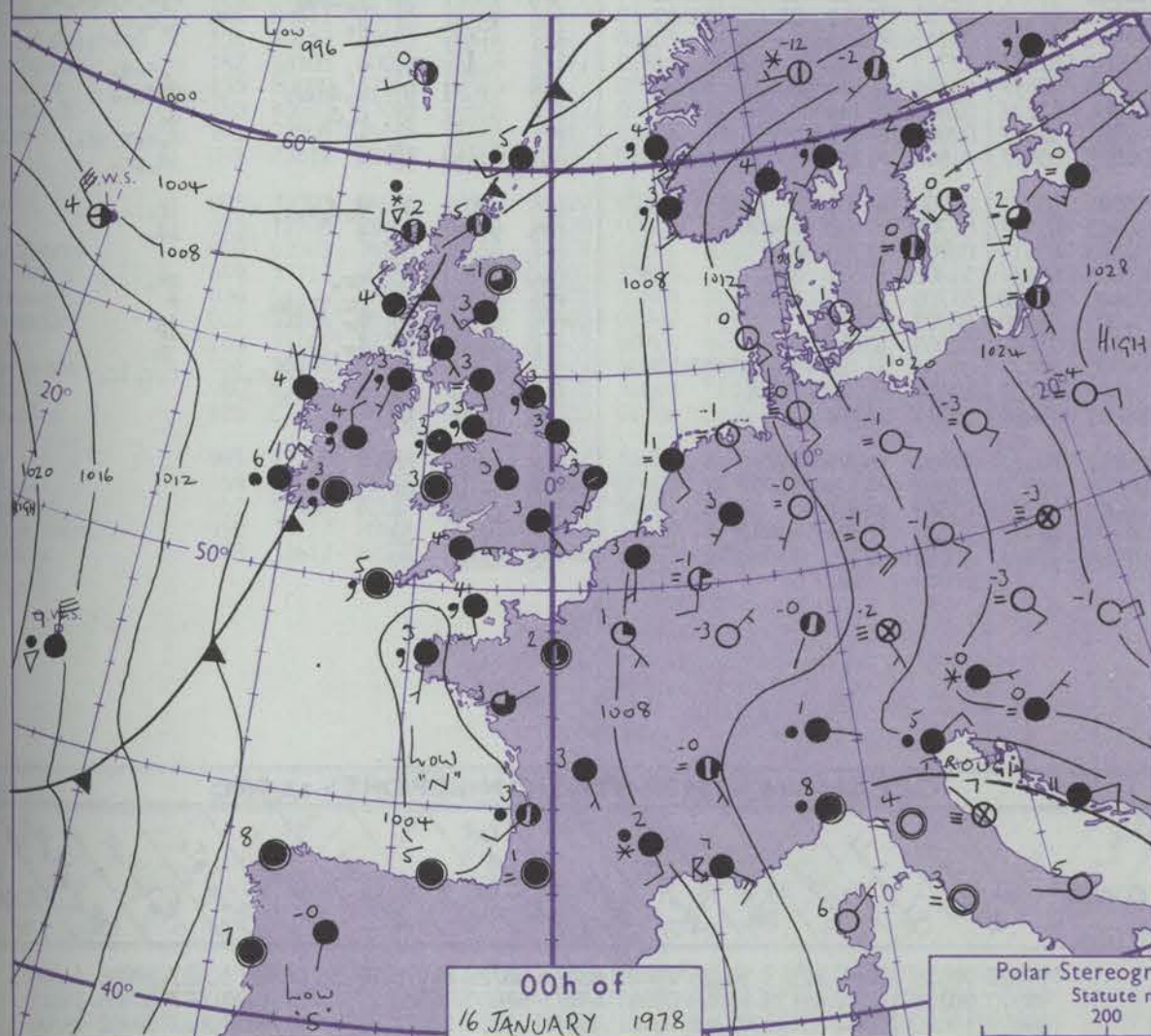
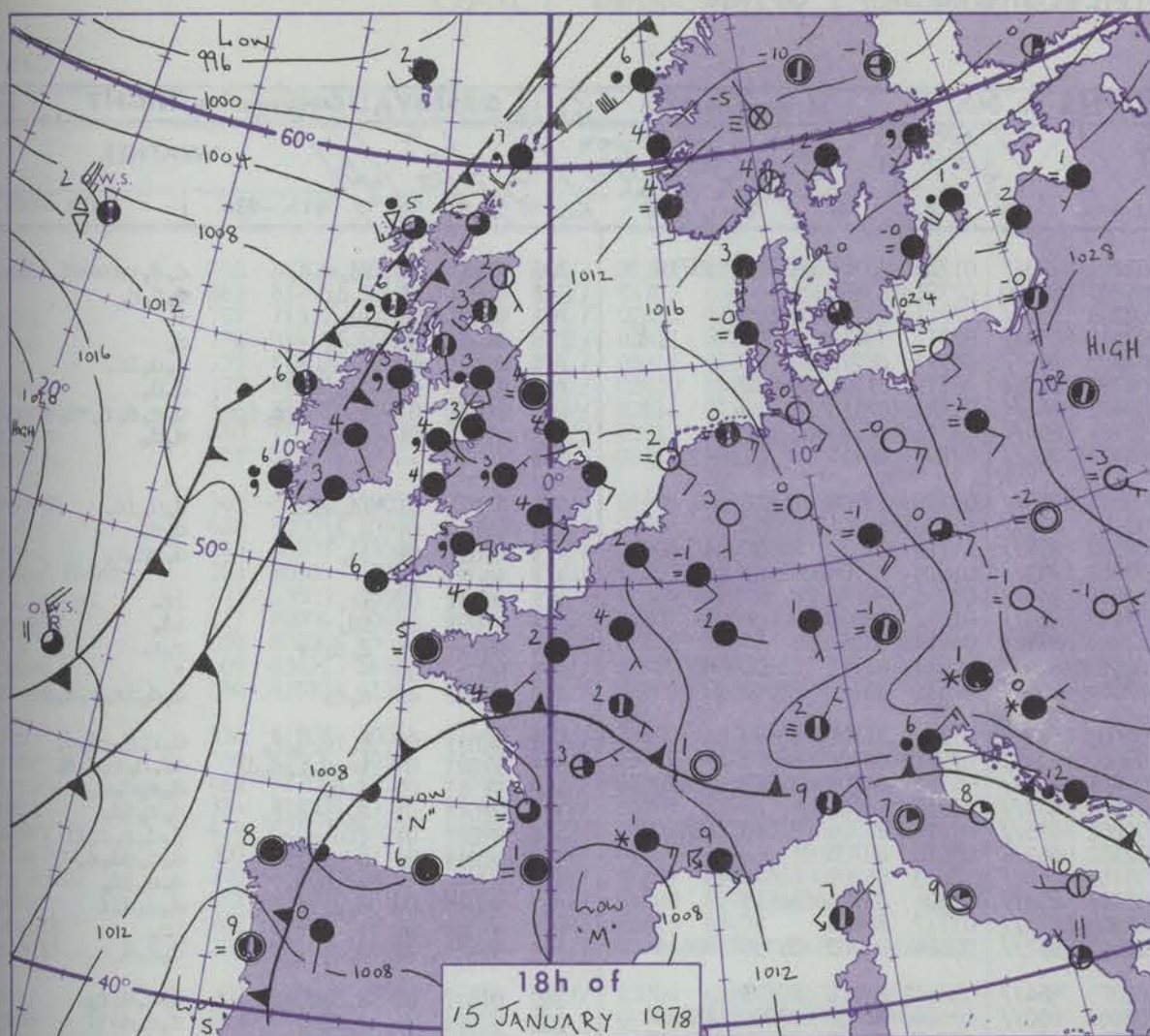


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

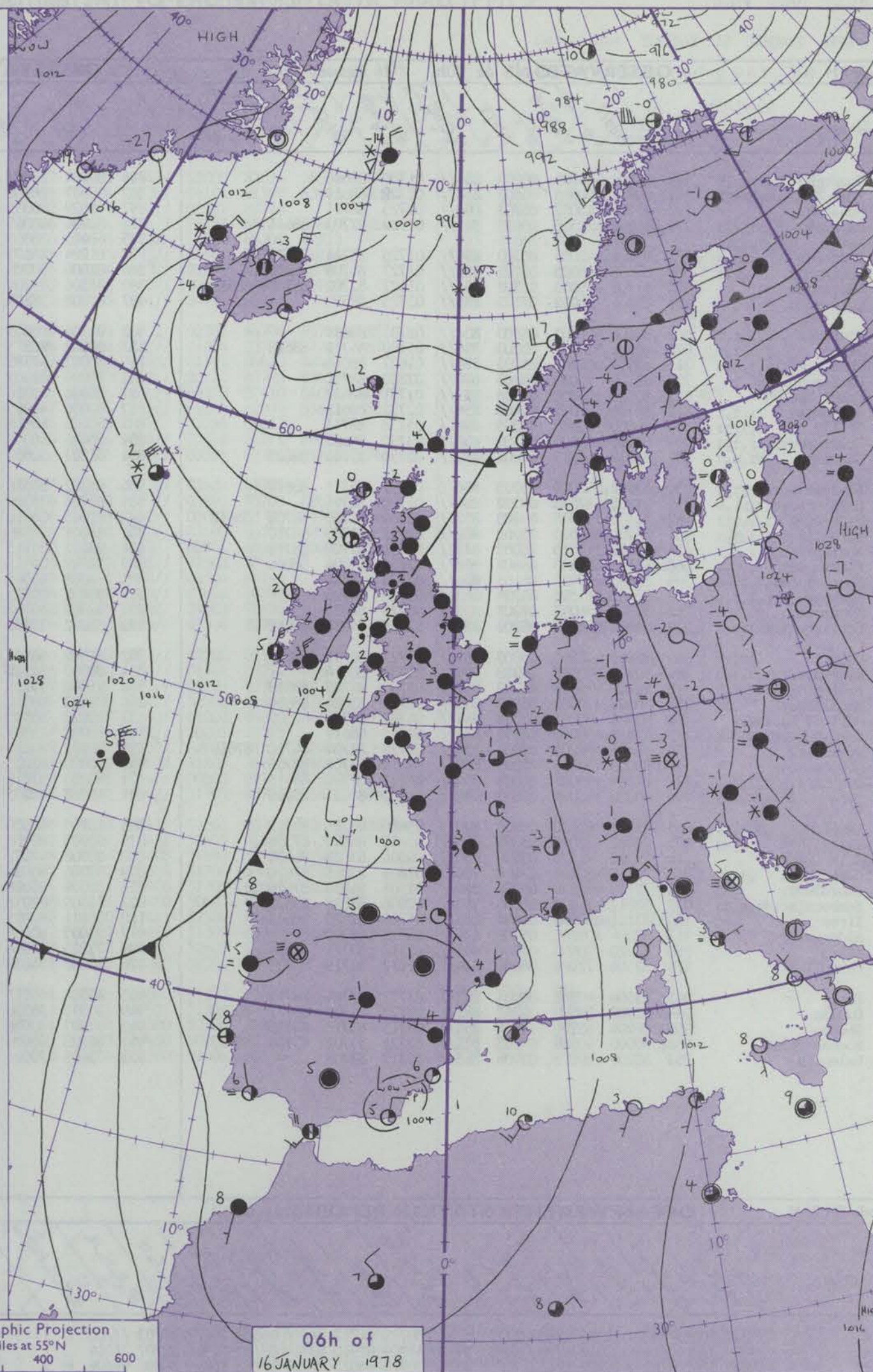




# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.



## GENERAL SYNOPTIC DEVELOPMENT.

Issued at midday MONDAY 16 JANUARY 1978

A deep depression near Spitzbergen has remained almost stationary but has filled slightly. A secondary depression off northwest Iceland has moved steadily eastwards, also filling, and is now centred about 150 miles east of Iceland. A moist southwesterly airstream on the southern flank of these lows has covered the British Isles. In the meantime a very complex low pressure area to the southwest of Spain and the western Mediterranean has

extended northwards to northwest France. During the next 24 hours the low off northwest France will transfer to the northern North Sea whilst a new low is expected to form over Biscay. A linking frontal trough will remain almost stationary from southwest Norway across central England to east Biscay.



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V   |  | OBSERVATIONS at 00h. |       |       |       |       |       |         |       | 16 January 1978                   |  | OBSERVATIONS at 06h.              |  |  |  |  |  |  |  | 16 January 1978 |     | OBSERVATIONS during NIGHT |       |       |       |       |       |                                   |       | de FM II.                         |  |  |  |  |       |  |  |  |  |   |           |                               |  |           |  |         |  |
|----------------|--|----------------------|-------|-------|-------|-------|-------|---------|-------|-----------------------------------|--|-----------------------------------|--|--|--|--|--|--|--|-----------------|-----|---------------------------|-------|-------|-------|-------|-------|-----------------------------------|-------|-----------------------------------|--|--|--|--|-------|--|--|--|--|---|-----------|-------------------------------|--|-----------|--|---------|--|
| Station        |  | iii                  |       | Nddff |       | VVwwW |       | PPPTT   |       | N <sub>h</sub> Ch <sub>h</sub> CH |  | T <sub>d</sub> T <sub>d</sub> app |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | iii             |     | Nddff                     |       | VVwwW |       | PPPTT |       | N <sub>h</sub> Ch <sub>h</sub> CH |       | T <sub>d</sub> T <sub>d</sub> app |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |       | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | iii  |  | RRT <sub>n</sub> T <sub>n</sub> E   |           | T <sub>g</sub> T <sub>g</sub> |  | WEATHER   |  | Station |  |
|                |  |                      |       |       |       |       |       |         |       |                                   |  |                                   |  |  |  |  |  |  |  |                 |     |                           |       |       |       |       |       |                                   |       |                                   |  |  |  |  |       |  |  |  |  |   |           |                               |  | 21h.—03h. |  |         |  |
| Boscombe Down  |  | 746                  | 80501 | 40505 | 05502 | 854// | 01730 | 88615   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 746 | 80404                     | 22507 | 02201 | 870// | 01718 | 83701 | 85704                             | 88710 |                                   |  |  |  |  |       | 746  | 01011  | 50   | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>                                  | d <sub>c</sub> d <sub>c</sub> rs  | Boscombe  |                               |  |           |  |         |  |
| Hurn           |  | 862                  | 80702 | 40515 | 05503 | 854// | 02728 | 88619   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 862 | 30607                     | 26206 | 01802 | 35500 | 02721 | 83625 |                                   |       |                                   |  |  |  | 862  | 01011 | 00   | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub>  | Hurn   |   |           |                               |  |           |  |         |  |
| Manston        |  | 797                  | 81706 | 45052 | 06703 | 864// | 01725 | 88711   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 797 | 81609                     | 50055 | 04303 | 854// | 02711 | 82712 | 88615                             |       |                                   |  |  |  |  | 797   | 97021  | 01   | id <sub>c</sub>  | +  | Manston   |           |                               |  |           |  |         |  |
| Gatwick        |  | 776                  | 80802 | 20515 | 05602 | 852// | 01729 | 82703   | 88614 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 776 | 80904                     | 40045 | 02703 | 854// | 02717 | 88619 |                                   |       |                                   |  |  |  | 776  | 94021 | 01   | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub>   | Gatwick  |   |           |                               |  |           |  |         |  |
| Kew            |  |                      |       |       |       |       |       |         |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 775 | 81405                     | 25055 | 02803 | 864// | 01717 | 88715 |                                   |       |                                   |  |  |  | 775  | 92021 | 00   | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub> id <sub>c</sub>  | Kew  |   |           |                               |  |           |  |         |  |
| Heathrow       |  | 772                  | 81404 | 42055 | 06103 | 854// | 01728 | 85714   | 88620 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 772 | 81204                     | 25105 | 02903 | 853// | 02715 | 81706 | 88620                             |       |                                   |  |  |  |  | 772   | 92021  | 01   | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub>  | Heathrow  |           |                               |  |           |  |         |  |
| Honington      |  | 586                  | 81402 | 48505 | 06202 | 853// | 01727 | 84708   | 88614 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 586 | 81606                     | 50206 | 03402 | 854// | 01713 | 88618 |                                   |       |                                   |  |  |  | 586  | 91021 | 01   | d <sub>c</sub> d <sub>c</sub> -d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> -d <sub>c</sub> d <sub>c</sub> | Honington  |   |           |                               |  |           |  |         |  |
| Wattisham      |  | 590                  | 81707 | 19515 | 06302 | 851// | 01627 | 82702   | 85705 | 88617                             |  |                                   |  |  |  |  |  |  |  |                 | 590 | 81506                     | 35205 | 03901 | 854// | 01712 | 88618 |                                   |       |                                   |  |  |  | 590  | 92011 | 01   | r <sub>c</sub> d <sub>c</sub> d <sub>c</sub>   | d <sub>c</sub> d <sub>c</sub>  | Wattisham  |   |           |                               |  |           |  |         |  |
| Corlestone     |  | 497                  | 81906 | 58052 | 07103 | 855// | 02725 | 88620   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 497 | 81808                     | 58205 | 04503 | 864// | 02708 | 88715 |                                   |       |                                   |  |  |  | 497  |       |  |  |  | Corlestone   |   |           |                               |  |           |  |         |  |
| Aberporth      |  | 502                  | 80000 | 50055 | 05803 | 854// | 02731 | 88619   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 502 | 81506                     | 20205 | 02602 | 853// | 02716 | 83708 | 88640                             |       |                                   |  |  |  |  | 502   | 95011  | 01   | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub> id <sub>c</sub>                                  | Aberporth   |           |                               |  |           |  |         |  |
| Filton         |  | 628                  | 80902 | 58516 | 05503 | 854// | 01728 | 84711   | 88618 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 628 | 80802                     | 20515 | 02402 | 872// | 02613 | 86704 | 88707                             |       |                                   |  |  |  |  | 628   | 01021  | 01   | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub>  | Filton  |           |                               |  |           |  |         |  |
| Rhoose         |  | 715                  | 83503 | 66206 | 05703 | 854// | 01627 | 88616   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 715 | 80302                     | 57585 | 02102 | 854// | 01715 | 84617 | 88630                             |       |                                   |  |  |  |  | 715   | 91011  | 01   | id <sub>c</sub>  | d <sub>c</sub> -d <sub>c</sub> r <sub>c</sub>                                  | Rhoose  |           |                               |  |           |  |         |  |
| Hartland Point |  | 703                  | 81306 | 62026 | 05103 | 874// | 02830 | 88710   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 703 | 80809                     | 62505 | 01303 | 853// | 01616 | 81708 | 88627                             |       |                                   |  |  |  |  | 703   | 97011  | 02   |  |  | Hartland  |           |                               |  |           |  |         |  |
| Mount Batten   |  | 827                  | 80203 | 60056 | 04805 | 855// | 02731 | 88627   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 827 | 80904                     | 62216 | 00704 | 856// | 02718 | 88630 |                                   |       |                                   |  |  |  | 827  | 97031 | 02   | ir <sub>c</sub>  | ir <sub>c</sub>  | Mount Batten   |   |           |                               |  |           |  |         |  |
| St. Mawgan     |  | 817                  | 80701 | 57055 | 05403 | 854// | 02732 | 88615   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 817 | 80000                     | 62025 | 01203 | 856// | 01817 | 88635 |                                   |       |                                   |  |  |  | 817  | 97021 | 02   | id <sub>c</sub>  | id <sub>c</sub>  | St. Mawgan   |   |           |                               |  |           |  |         |  |
| Scilly         |  | 804                  | 80000 | 50515 | 04805 | 874// | 05738 | 88711   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 804 | 80204                     | 60616 | 01405 | 874// | 04714 | 88710 |                                   |       |                                   |  |  |  | 804  | 06041 | 03   | d <sub>c</sub> d <sub>c</sub> rr   | r <sub>c</sub> r <sub>c</sub>  | Scilly   |   |           |                               |  |           |  |         |  |
| Culdrose       |  | 809                  | 80709 | 45105 | 05104 | 855// | 03730 | 88622   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 809 | 80406                     | 40052 | 01103 | 854// | 01617 | 81712 | 83625                             | 88630 |                                   |  |  |  |  |       | 809  | 00030  | 02   | +  | +   | Culdrose  |                               |  |           |  |         |  |
| Guernsey       |  | 894                  | 81710 | 56515 | 04904 | 854// | 02730 | 85710   | 88625 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 894 | 81507                     | 50605 | 01604 | 854// | 01615 | 83710 | 88612                             |       |                                   |  |  |  |  | 894   | 02031  | 02   | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub> ir <sub>c</sub> r <sub>c</sub> s <sub>c</sub> ir | Guernsey  |           |                               |  |           |  |         |  |
| Elmdon         |  | 534                  | 83302 | 62045 | 05703 | 854// | 01631 | 85711   | 88614 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 534 | 81302                     | 35516 | 02602 | 853// | 01612 | 81708 | 88620                             |       |                                   |  |  |  |  | 534   | 94011  | 01   | d <sub>c</sub> id <sub>c</sub> d <sub>c</sub> r <sub>c</sub>                               | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> -d <sub>c</sub> d <sub>c</sub>    | Elmdon  |           |                               |  |           |  |         |  |
| Cardington     |  | 559                  | 81805 | 57516 | 06002 | 864// | 01730 | 88714   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 559 | 81504                     | 35586 | 03002 | 873// | 02715 | 83708 | 88711                             |       |                                   |  |  |  |  | 559   | 91021  | 01   | id <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub>                | id <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub>    | Cardington  |           |                               |  |           |  |         |  |
| Wittering      |  | 462                  | 81503 | 20515 | 06202 | 852// | 01730 | 83703   | 86704 | 88612                             |  |                                   |  |  |  |  |  |  |  |                 | 462 | 81905                     | 16516 | 03401 | 850// | 01711 | 84701 | 85702                             | 88620 |                                   |  |  |  |  |       | 462  | 91011  | 01   | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> f                             | Wittering |                               |  |           |  |         |  |
| Watnall        |  | 354                  | 80701 | 40515 | 05902 | 862// | 02732 | 81703   | 88710 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 354 | 81601                     | 20586 | 02901 | 870// | 01614 | 88701 |                                   |       |                                   |  |  |  | 354  | 01011 | 01   | d <sub>c</sub> d <sub>c</sub> -d <sub>c</sub> r <sub>c</sub>                               | d <sub>c</sub> r <sub>c</sub> id <sub>c</sub>  | Watnall  |   |           |                               |  |           |  |         |  |
| Shawbury       |  | 414                  | 83602 | 13515 | 06003 | 873// | 02731 | 82708   | 88711 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 414 | 83402                     | 26515 | 02802 | 853// | 02611 | 82709 | 84615                             | 88622 |                                   |  |  |  |  |       | 414  | 01021  | 01   | ffd <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> ff                            | Shawbury  |                               |  |           |  |         |  |
| Finningley     |  | 360                  | 80102 | 07515 | 05802 | 852// | 03730 | 85704   | 88614 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 360 | 81602                     | 20515 | 02402 | 862// | 02618 | 88703 |                                   |       |                                   |  |  |  | 360  | 02011 | 01   | dd <sub>c</sub> d <sub>c</sub> ff  | d <sub>c</sub> d <sub>c</sub> dd <sub>c</sub> d <sub>c</sub>                               | Finningley   |   |           |                               |  |           |  |         |  |
| Spurn Point    |  | 396                  | 81405 | 65025 | 06103 | 864// | 02733 | 88710   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 396 | 81808                     | 60505 | 03102 | 853// | 05015 | 85709 | 88620                             |       |                                   |  |  |  |  | 396   |  |  | id <sub>c</sub> d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> d <sub>c</sub> id <sub>c</sub>                                  | Spurn Point   |           |                               |  |           |  |         |  |
| Leeming        |  | 257                  | 83402 | 11515 | 06701 | 863// | 01730 | 88706   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 257 | 83402                     | 10525 | 02701 | 852// | 01624 | 85705 | 88615                             |       |                                   |  |  |  |  | 257   | 94015  | 00   | d <sub>c</sub> d <sub>c</sub> ff   | d <sub>c</sub> d <sub>c</sub> dff  | Leeming   |           |                               |  |           |  |         |  |
| Tynemouth      |  | 262                  | 82303 | 56052 | 07203 | 855// | 00729 | 88625   |       |                                   |  |                                   |  |  |  |  |  |  |  |                 | 262 | 82003                     | 56052 | 02902 | 855// | 01717 | 88629 |                                   |       |                                   |  |  |  | 262  | 97021 | 01   | +  | ir <sub>c</sub>  | Tynemouth  |   |           |                               |  |           |  |         |  |
| Carlisle       |  | 222                  | 81602 | 40106 | 06103 | 854// | 02728 | 84712   | 88618 |                                   |  |                                   |  |  |  |  |  |  |  |                 | 222 | 82202                     | 22586 | 02502 | 852// | 02814 | 84705 | 86709                             | 88616 |                                   |  |  |  |  |       | 222  | 95021  | 01   | d <sub>c</sub> d <sub>c</sub>  | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> | Carlisle  |                               |  |           |  |         |  |
| Valley         |  | 302                  | 80803 | 48515 | 05803 | 854// | 03727 | 86712</ |       |                                   |  |                                   |  |  |  |  |  |  |  |                 |     |                           |       |       |       |       |       |                                   |       |                                   |  |  |  |  |       |  |  |  |  |   |           |                               |  |           |  |         |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

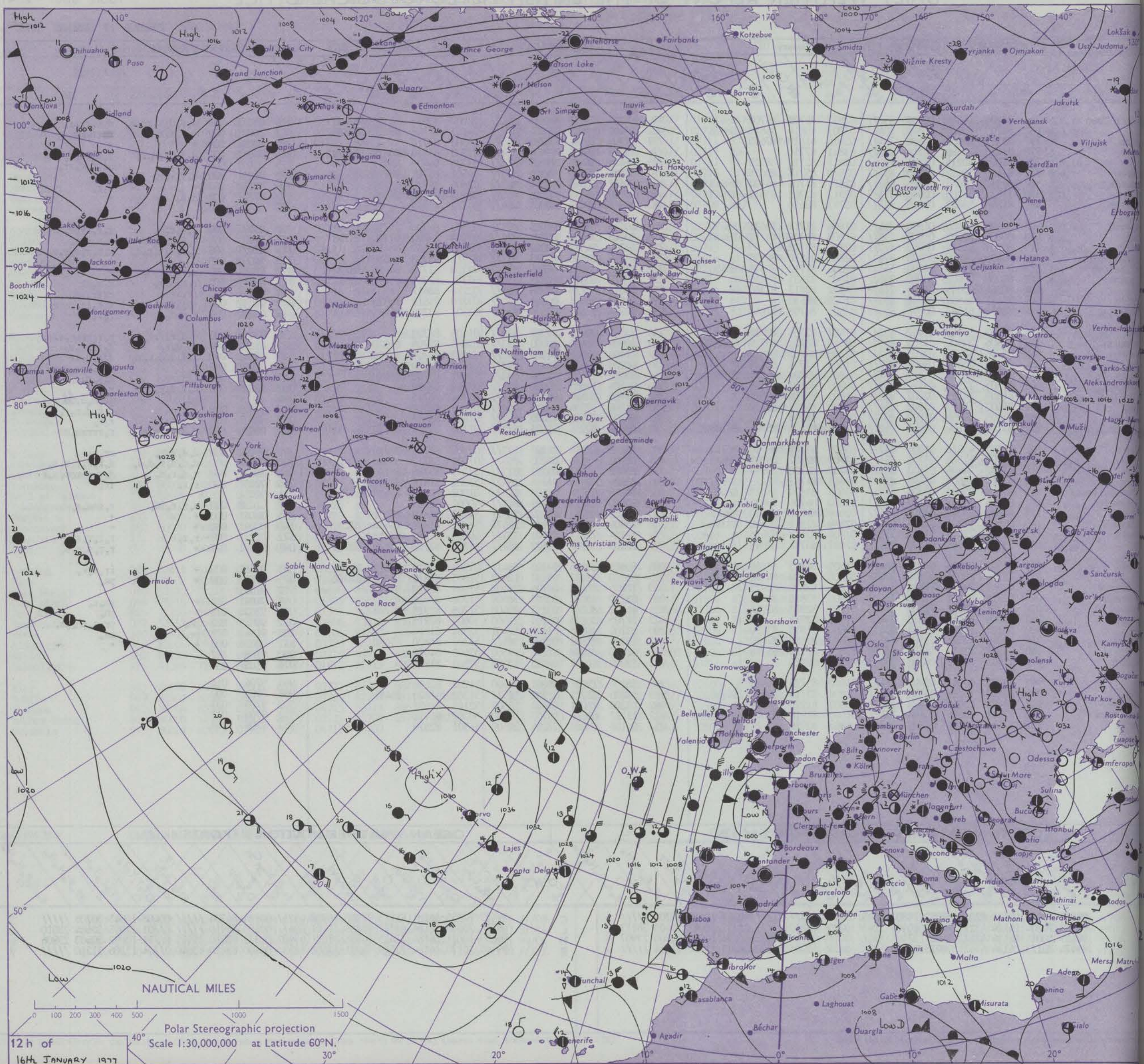
42425

Date of Issue TUESDAY 17 JANUARY 1978

| de FM II.V |                  | OBSERVATIONS at 12h. 16 January 1978 |       |       |       |        |       |                                   |       |                    |  | OBSERVATIONS at 18h. 16 January 1978           |  |  |  |  |  |  |  |       |       | OBSERVATIONS during DAY |       |        |       |                                   |       |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   |   |   |   |                                 |
|------------|------------------|--------------------------------------|-------|-------|-------|--------|-------|-----------------------------------|-------|--------------------|--|--|--|--|--|--|--|--|--|-------|-------|-------------------------|-------|--------|-------|-----------------------------------|-------|--------------------|--|--|--|--|--|--|--|--|--|---------|-----------|---|---|---|---|---|---|---------------------------------|
|            |                  | Nddff                                |       | VVwwW |       | PPPTT  |       | N <sub>h</sub> Ch <sub>M</sub> CH |       | T <sub>d</sub> app |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  |  |  | Nddff |       | VVwwW                   |       | PPPTT  |       | N <sub>h</sub> Ch <sub>M</sub> CH |       | T <sub>d</sub> app |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  |  |  | RRT T E |           | SSS   |   | WEATHER   |   |   |   |                                 |
| Station    |                  | ill                                  |       |       |       |        |       |                                   |       |                    |  |  |  |  |  |  |  |  |  | ill   |       |                         |       |        |       |                                   |       |                    |  |  |  |  |  |  |  |  |  |         | 09h.—15h. | 15h.—21h.   |   |   |   |   |   |                                 |
| de         | Boscombe Down    | 746                                  | 80706 | 16586 | 00602 | 852//  | 02811 | 82703                             | 86707 | 88620              |  |  |  |  |  |  |  |  |  | 746   | 81104 | 58617                   | 98903 | 3542// | 02000 | 83614                             | 84550 | 88460              |  |  |  |  |  |  |  |  |  |         |           | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               |   |   |   |   |                                 |
|            | Burn             | 862                                  | 81705 | 50615 | 00505 | 884//  | 03707 | 83814                             | 85616 | 88628              |  |  |  |  |  |  |  |  |  | 862   | 80702 | 50616                   | 99004 | 853//  | 04101 | 81708                             | 83613 | 88620              |  |  |  |  |  |  |  |  |  |         |           | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> K                             | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               |   |   |   |   |                                 |
|            | Manston          | 797                                  | 71312 | 45052 | 02404 | 784//  | 02818 | 81810                             | 87645 |                    |  |  |  |  |  |  |  |  |  | 797   | 71909 | 56052                   | 00705 | 764//  | 03502 | 87710                             |       |                    |  |  |  |  |  |  |  |  |  |         |           | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               |   |   |   |   |                                 |
|            | Catwick          | 776                                  | 81410 | 45586 | 01104 | 874//  | 03811 | 87710                             |       |                    |  |  |  |  |  |  |  |  |  | 776   | 81409 | 36606                   | 99404 | 854//  | 03503 | 85614                             | 86618 | 88640              |  |  |  |  |  |  |  |  |  |         |           | d <sub>c</sub> -r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>               | r <sub>c</sub> r <sub>c</sub> rd <sub>c</sub> r <sub>c</sub>                              |   |   |   |   |                                 |
|            | Kew              | 775                                  | 81407 | 50215 | 01205 | 874//  | 02811 | 82710                             | 88715 |                    |  |  |  |  |  |  |  |  |  | 775   | 81405 | 56606                   | 99505 | 873//  | 03705 | 86709                             | 88712 |                    |  |  |  |  |  |  |  |  |  |         |           | r <sub>c</sub> ir <sub>c</sub>  | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                              |   |   |   |   |                                 |
|            | Heathrow         | 772                                  | 81408 | 50612 | 01505 | 854//  | 03810 | 85711                             | 88624 |                    |  |  |  |  |  |  |  |  |  | 772   | 81505 | 40616                   | 99705 | 873//  | 04501 | 85708                             | 88714 |                    |  |  |  |  |  |  |  |  |  |         |           | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               | r <sub>c</sub> r <sub>c</sub>   |   |   |   |   |                                 |
|            | Honington        | 586                                  | 81512 | 45052 | 02104 | 853//  | 02811 | 81706                             | 85707 | 88618              |  |  |  |  |  |  |  |  |  | 586   | 81407 | 40056                   | 00204 | 863//  | 02606 | 85709                             | 88712 |                    |  |  |  |  |  |  |  |  |  |         |           | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               | r <sub>c</sub> r <sub>c</sub>   |   |   |   |   |                                 |
| ir         | Wattisham        | 590                                  | 71512 | 48205 | 02404 | 753//  | 02812 | 83708                             | 83617 | 87645              |  |  |  |  |  |  |  |  |  | 590   | 81709 | 38052                   | 00303 | 863//  | 02608 | 82706                             | 88709 |                    |  |  |  |  |  |  |  |  |  |         |           |   | d <sub>c</sub> d <sub>c</sub>   | +   |   |   |   |                                 |
|            | Gorleston        | 497                                  | 81814 | 58022 | 03105 | 855//  | 03713 | 88620                             |       |                    |  |  |  |  |  |  |  |  |  | 497   | 81815 | 58022                   | 00905 | 864//  | 04712 | 88715                             |       |                    |  |  |  |  |  |  |  |  |  |         |           |   |   | d <sub>c</sub> d <sub>c</sub>   | +   |   |   |                                 |
|            | Aberporth        | 502                                  | 80000 | 59055 | 01602 | 854//  | 01806 | 81712                             | 86635 | 88650              |  |  |  |  |  |  |  |  |  | 502   | 83616 | 58637                   | 01003 | 6732// | 02302 | 84706                             | 85710 | 88515              |  |  |  |  |  |  |  |  |  |         |           |   |   | d <sub>c</sub> s <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                               |   |   |                                 |
|            | Filton           | 628                                  | 80805 | 25585 | 01002 | 853//  | 01808 | 81709                             | 85712 | 88630              |  |  |  |  |  |  |  |  |  | 628   | 80205 | 28586                   | 00002 | 872//  | 01204 | 83703                             | 87704 | 88708              |  |  |  |  |  |  |  |  |  |         |           |   |   | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> dr                            | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                               |   |   |                                 |
|            | Rhoose           | 715                                  | 80203 | 25506 | 00702 | 872//  | 02806 | 88703                             |       |                    |  |  |  |  |  |  |  |  |  | 715   | 83302 | 45617                   | 00002 | 6552// | 01105 | 86620                             | 88458 |                    |  |  |  |  |  |  |  |  |  |         |           |   | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                |   |   |   |                                 |
|            | Hartland Point   | 703                                  | 80608 | 48805 | 00603 | 6242// | 02803 | 86810                             | 88550 |                    |  |  |  |  |  |  |  |  |  | 703   | 83616 | 64808                   | 00503 | 853//  | 02211 | 83708                             | 88630 |                    |  |  |  |  |  |  |  |  |  |         |           |   | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                |   |   |   |                                 |
|            | Mount Batten     | 827                                  | 83503 | 56586 | 99904 | 5542// | 02804 | 81712                             | 85645 | 88556              |  |  |  |  |  |  |  |  |  | 827   | 83510 | 58056                   | 99704 | 654//  | 02310 | 82710                             | 84650 | 88270              |  |  |  |  |  |  |  |  |  |         |           |   | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub>                | +   |   |   |   |                                 |
| e          | St. Mawgan       | 817                                  | 80304 | 60602 | 00803 | 2562// | 01802 | 82635                             | 88459 |                    |  |  |  |  |  |  |  |  |  | 817   | 83612 | 60617                   | 00703 | 853//  | 02311 | 82709                             | 85612 | 88621              |  |  |  |  |  |  |  |  |  |         |           |   |   | r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                               | r <sub>c</sub> r <sub>c</sub> rr  |   |   |                                 |
|            | Scilly           | 804                                  | 80204 | 65036 | 01206 | 21478  | 04202 | 82817                             | 87360 |                    |  |  |  |  |  |  |  |  |  | 804   | 80204 | 65036                   | 01206 | 21478  | 04202 | 82817                             | 87360 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   | r <sub>c</sub> r <sub>c</sub> rr  | rrir <sub>c</sub> ir  |   |   |                                 |
|            | Culdrose         | 809                                  | 83411 | 56502 | 00804 | 856//  | 02000 | 88630                             |       |                    |  |  |  |  |  |  |  |  |  | 809   | 83612 | 58616                   | 00804 | 884//  | 03210 | 85812                             | 88620 |                    |  |  |  |  |  |  |  |  |  |         |           |   | ir <sub>c</sub> ir  | rrir <sub>c</sub> ir  |   |   |   |                                 |
|            | Guernsey         | 894                                  | 82013 | 61587 | 00904 | 853//  | 03801 | 84708                             | 87611 |                    |  |  |  |  |  |  |  |  |  | 894   | 81914 | 56616                   | 99505 | 853//  | 03301 | 83706                             | 85708 | 87613              |  |  |  |  |  |  |  |  |  |         |           |   |   | id <sub>c</sub> ir <sub>c</sub>   | r <sub>c</sub> r <sub>c</sub> ir <sub>c</sub> irrr  |   |   |                                 |
|            | Elmdon           | 534                                  | 81502 | 30045 | 01402 | 852//  | 01807 | 83704                             | 88634 |                    |  |  |  |  |  |  |  |  |  | 534   | 83503 | 26635                   | 99902 | 872//  | 01400 | 88703                             |       |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> | ←   |   |                                 |
|            | Caddington       | 559                                  | 81506 | 30506 | 01703 | 853//  | 03810 | 83707                             | 83713 | 88625              |  |  |  |  |  |  |  |  |  | 559   | 80904 | 40606                   | 99803 | 853//  | 03603 | 85708                             | 88620 |                    |  |  |  |  |  |  |  |  |  |         |           |   | id <sub>c</sub> ir <sub>c</sub> r <sub>c</sub>  | d <sub>c</sub> ir <sub>c</sub> r <sub>c</sub>   |   |   |   |                                 |
|            | Wittering        | 462                                  | 81706 | 18285 | 02203 | 852//  | 02809 | 86703                             | 88620 |                    |  |  |  |  |  |  |  |  |  | 462   | 81406 | 15636                   | 00203 | 852//  | 03605 | 83703                             | 85706 | 88615              |  |  |  |  |  |  |  |  |  |         |           |   |   | ffd <sub>c</sub> d <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub>              | ffir <sub>c</sub> r <sub>c</sub> rr   |   |   |                                 |
| de         | Watnall          | 354                                  | 81903 | 25505 | 01602 | 852//  | 01809 | 83704                             | 88615 |                    |  |  |  |  |  |  |  |  |  | 354   | 80000 | 40616                   | 00402 | 853//  | 01400 | 85709                             | 88645 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   | ffd <sub>c</sub>  | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                               |   |                                 |
|            | Shawbury         | 414                                  | 62102 | 40506 | 01502 | 6723// | 01802 | 85704                             | 84616 | 85358              |  |  |  |  |  |  |  |  |  | 414   | 83002 | 27687                   | 00102 | 853//  | 02801 | 85709                             | 88620 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   | ffd <sub>c</sub>  | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                               |   |   |                                 |
|            | Fimbleley        | 360                                  | 81503 | 22516 | 01102 | 852//  | 02809 | 84703                             | 88630 |                    |  |  |  |  |  |  |  |  |  | 360   | 81503 | 15605                   | 00002 | 856//  | 02502 | 88640                             |       |                    |  |  |  |  |  |  |  |  |  |         |           |   |   | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> | r <sub>c</sub>  |   |   |                                 |
|            | Spurn Point      | 396                                  | 81809 | 24105 | 02002 | 854//  | 01806 | 86710                             | 88620 |                    |  |  |  |  |  |  |  |  |  | 396   | 81705 | 40515                   | 00403 | 864//  | 02704 | 88715                             |       |                    |  |  |  |  |  |  |  |  |  |         |           |   |   | id <sub>c</sub>   | id <sub>c</sub> d <sub>c</sub> dd   |   |   |                                 |
|            | Leeming          | 257                                  | 81602 | 18105 | 01301 | 854//  | 01808 | 86712                             | 88640 |                    |  |  |  |  |  |  |  |  |  | 257   | 81506 | 10586                   | 99801 | 860//  | 01601 | 88701                             |       |                    |  |  |  |  |  |  |  |  |  |         |           |   |   | id <sub>c</sub>   | id <sub>c</sub> d <sub>c</sub> dd   |   |   |                                 |
|            | Tynemouth        | 262                                  | 82605 | 39056 | 01003 | 8092// | 01816 | 88458                             |       |                    |  |  |  |  |  |  |  |  |  | 262   | 82302 | 39052                   | 99603 | 8092// | 01603 | 88458                             |       |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   | d <sub>c</sub> r <sub>c</sub>   | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                |   |                                 |
|            | Carlisle         | 222                                  | 83102 | 28106 | 00903 | 862//  | 02814 | 83703                             | 86705 | 88708              |  |  |  |  |  |  |  |  |  | 222   | 83003 | 30716                   | 00201 | 873//  | 01104 | 82706                             | 83712 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   |   | +   | r <sub>c</sub> r <sub>c</sub>   |                                 |
| de         | Valley           | 302                                  | 81702 | 40516 | 01204 | 872//  | 03809 | 81703                             | 86710 | 88712              |  |  |  |  |  |  |  |  |  | 302   | 70113 | 62616                   | 01203 | 773//  | 02208 | 81708                             | 87710 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   |   |   | d <sub>c</sub> d <sub>c</sub> rrr <sub>c</sub>  | rrr <sub>c</sub> r <sub>c</sub> |
|            | Ringway          | 334                                  | 81902 | 12516 | 01702 | 851//  | 02705 | 82702                             | 83706 | 88625              |  |  |  |  |  |  |  |  |  | 334   | 81502 | 18616                   | 00302 | 854//  | 01701 | 83712                             | 88640 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   |   | d <sub>c</sub> d <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub>   |                                 |
|            | Squires Gate     | 318                                  | 82302 | 30606 | 01503 | 853//  | 03708 | 86708                             | 88618 |                    |  |  |  |  |  |  |  |  |  | 318   | 83002 | 50617                   | 00202 | 873//  | 02203 | 83706                             | 88708 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   |   | d <sub>c</sub> d <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> d <sub>c</sub> | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub>   |                                 |
|            | Ronaldsway       | 204                                  | 83611 | 75605 | 01405 | 854//  | 01806 | 81713                             | 83623 | 88637              |  |  |  |  |  |  |  |  |  | 204   | 73604 | 80016                   | 01104 | 1842// | 52302 | 81818                             | 87459 |                    |  |  |  |  |  |  |  |  |  |         |           |   |   |   |   | r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub>                               | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r |                                 |
|            | Hull of Galloway | 131                                  | 80115 | 80602 | 02304 | 8581// | 03605 | 81820                             | 85625 | 88460              |  |  |  |  |  |  |  |  |  | 131   | 70215 | 82016                   | 01503 | 6853// | 01002 | 84820                             | 84625 | 853600             |  |  |  |  |  |  |  |  |  |         |           |   |   |   |   |   |   |                                 |

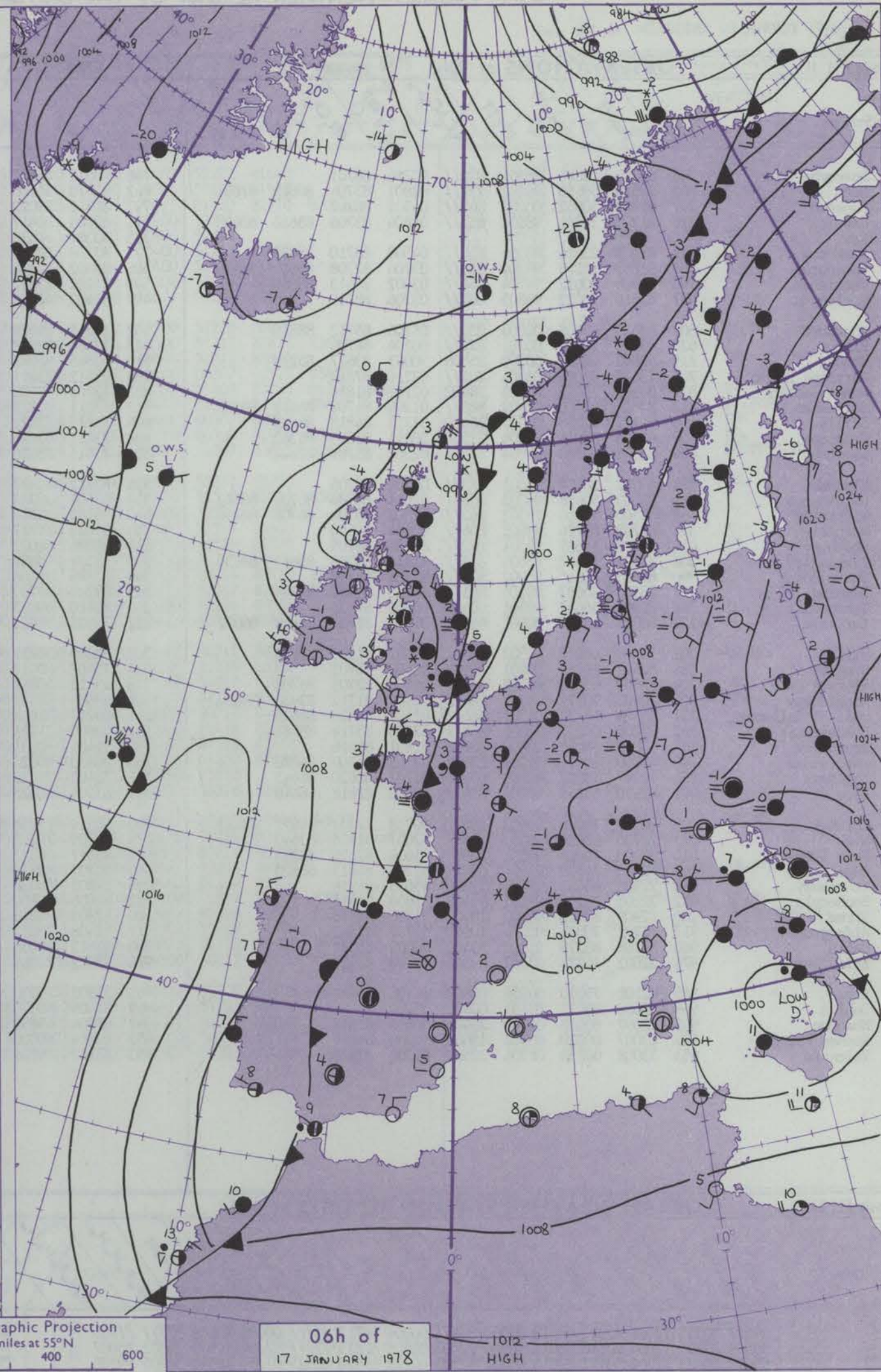
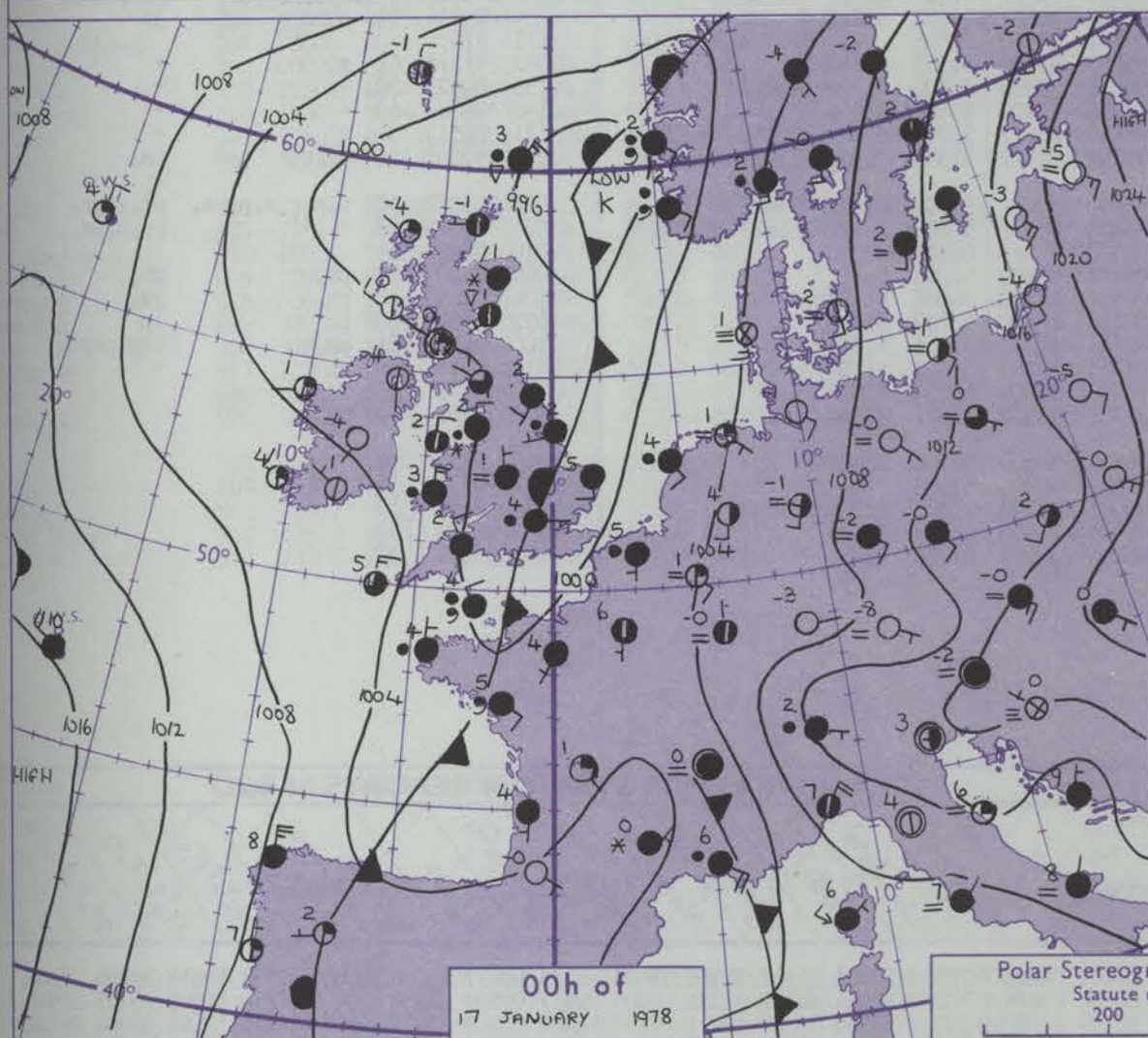
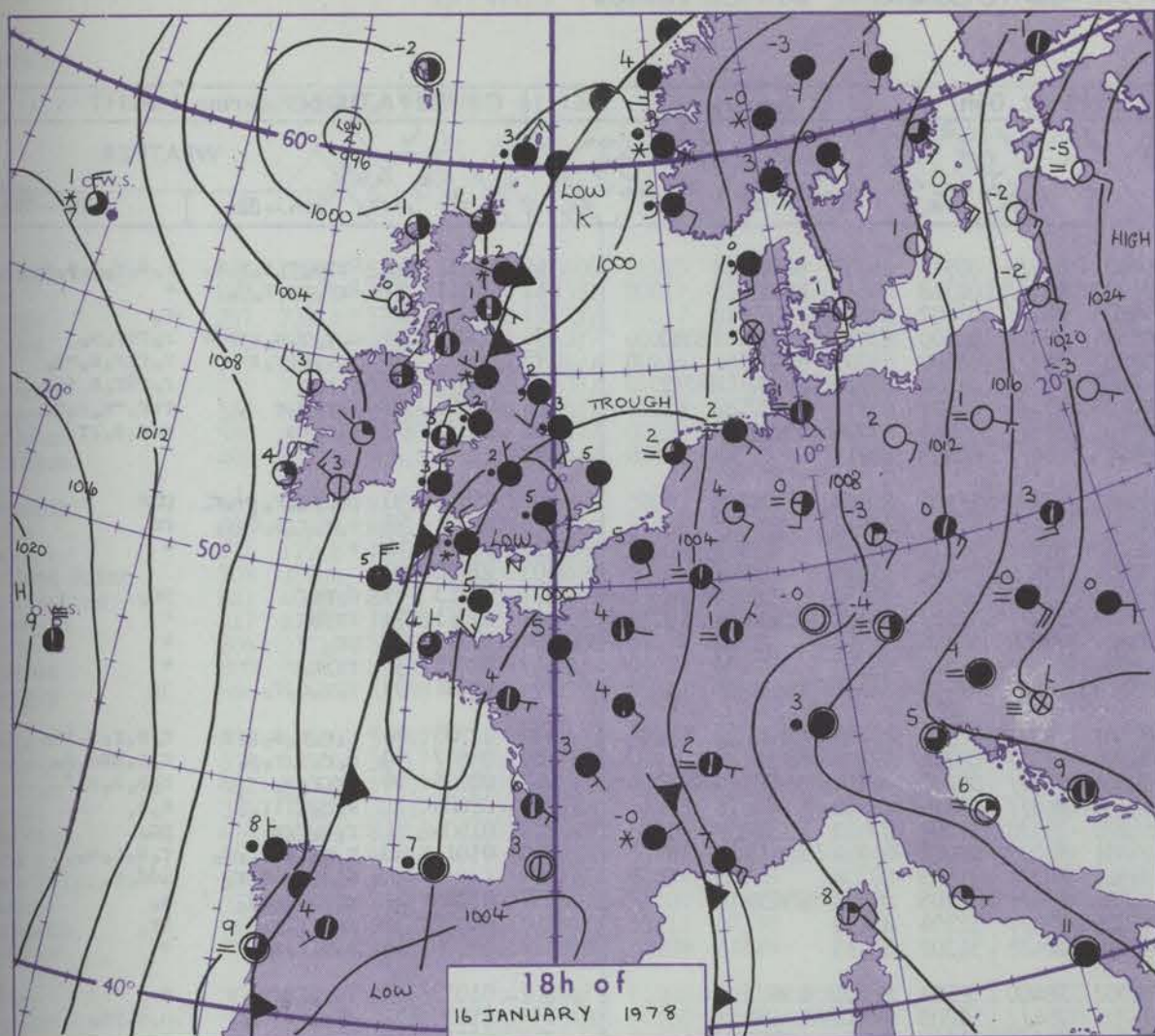


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a complex area of low pressure persisted near the British Isles. A cold front moved very slowly eastwards over many districts. During the next 24 hours this cold front will continue to move slowly eastwards. Pressure will rise slowly

over the country, a slack northerly airstream becoming established over most districts of the British Isles.

Issued at midday TUESDAY 17 JANUARY 1978



## 4242

Code EM 11Code EM 2



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

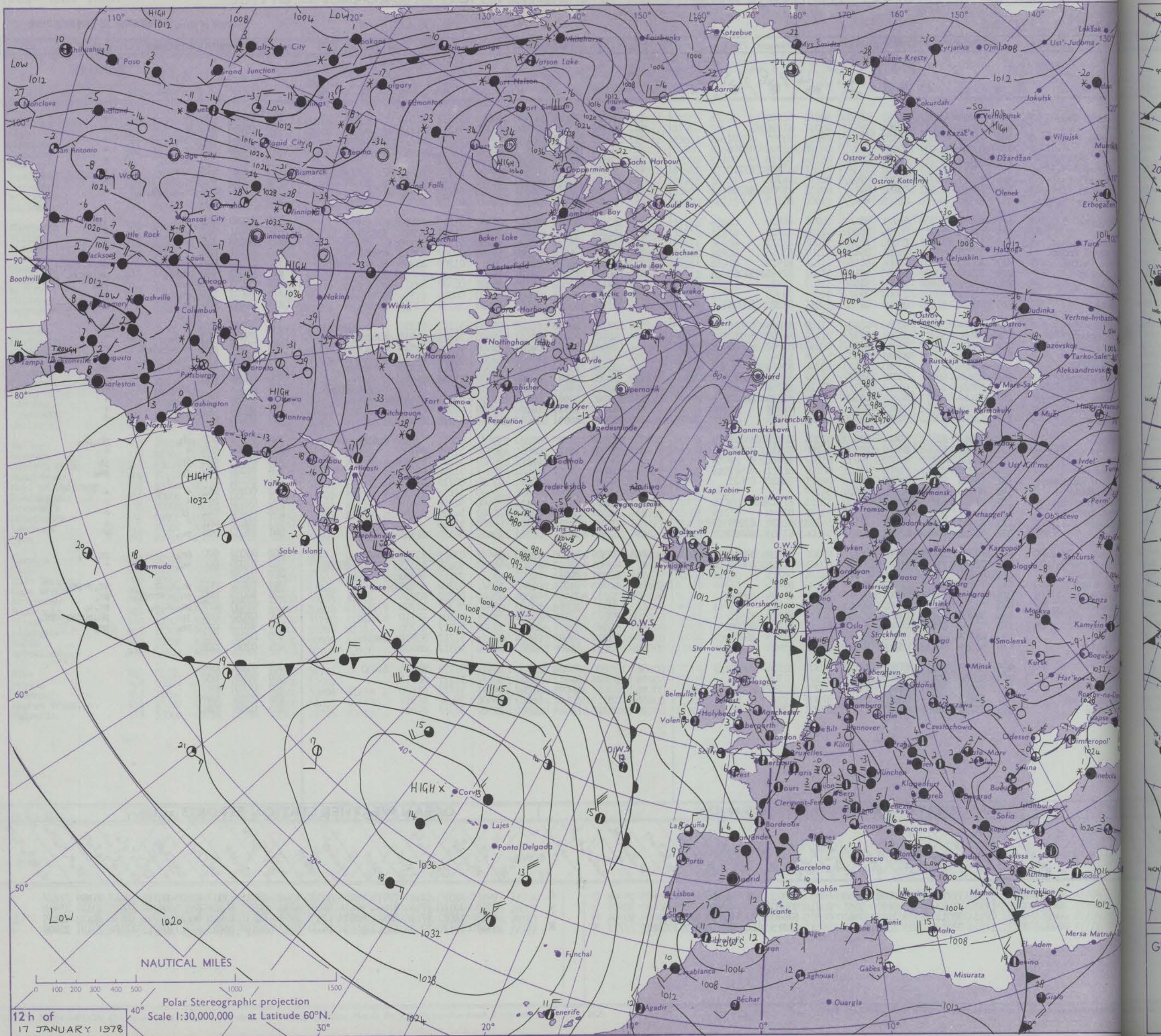
Date of Issue WEDNESDAY 18 JANUARY 1978

42426

| Code FM 11.V   |               | OBSERVATIONS at 12h. 17 January 1978 |       |        |       |   |                                   |  |  |  |     | OBSERVATIONS at 18h. 17 January 1978 |       |        |       |   |                                   |  |  |  |     | OBSERVATIONS during DAY |       |                 |  |  |   |  |   |  |  |  |
|----------------|---------------|--------------------------------------|-------|--------|-------|---|-----------------------------------|--|--|--|-----|--------------------------------------|-------|--------|-------|---|-----------------------------------|--|--|--|-----|-------------------------|-------|-----------------|--|--|---|--|---|--|--|--|
| -09h.          | Station       | ill                                  | Nddff | VVwwwW | PPPTT | N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |     | ill                                  | Nddff | VVwwwW | PPPTT | N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |     | ill                     | RRT   | T <sub>e</sub>  | SSS  | WEATHER  |   |  |   |  |  |  |
|                |               |                                      |       |        |       |   |                                   |  |  |  |     |                                      |       |        |       |   |                                   |  |  |  |     |                         |       |                 |  | 09h.—15h.                                      | 15h.—21h.   |  |   |  |  |  |
| Se             | Boscombe Down | 746                                  | 12909 | 68027  | 04303 | 18400   | 50215                             | 81812  |  |  |     | 746                                  | 12405 | 75020  | 05300 | 15603   | 52212                             | 81640  |  |  |     | 746                     | 00043 | 074             | +  |  | +   |  |   |  |  |  |
|                | Hurn          | 862                                  | 23008 | 70011  | 05004 | 18531   | 00017                             | 81820  |  |  |     | 862                                  | 11702 | 81020  | 05800 | 19501   | 51212                             | 81922  |  |  |     | 862                     | 00053 | 074             | +  |  | +   |  |   |  |  |  |
|                | Manston       | 797                                  | 72813 | 57508  | 02102 | 772//   | 02317                             | 83705  | 87707  |  |     | 797                                  | 72905 | 63025  | 05201 | 754//   | 51220                             | 82710  | 87612  |  |     |                         | 797   | 97063           | 000  | id <sub>c</sub>                                |   | +  |   |  |  |  |
|                | Gatwick       | 776                                  | 83008 | 60037  | 03702 | 863//   | 00322                             | 82706  | 88708  |  |     | 776                                  | 02602 | 64011  | 05451 | 00900   | 53211                             |  |  |  |     | 776                     | 00023 | 009             | +  |  | +   |  |   |  |  |  |
|                | Kew           | 775                                  | 83106 | 56217  | 03102 | 874//   | 00214                             | 88710  |  |  |     | 775                                  | 02402 | 62011  | 05301 | 00900   | 51312                             |  |  |  |     | 775                     | 92033 | 010             | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                               |  | +   |  |   |  |  |  |
|                | Heathrow      | 772                                  | 73111 | 58217  | 03102 | 763//   | 01012                             | 83708  | 87710  |  |     | 772                                  | 12503 | 60021  | 05601 | 15400   | 51213                             | 81618  |  |  |     | 772                     | 93033 | 013             | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                               |  | +   |  |   |  |  |  |
|                | Honington     | 586                                  | 82711 | 09716  | 01300 | 870//   | 00213                             | 88700  |  |  |     | 586                                  | 12106 | 20107  | 04051 | 15400   | 51110                             | 81617  |  |  |     | 586                     | 01013 | 001             | s <sub>c</sub> s <sub>c</sub> f  |  | +   |  |   |  |  |  |
|                | Wattisham     | 590                                  | 82813 | 20687  | 01401 | 871//   | 00218                             | 85702  | 88703  |  |     | 590                                  | 12508 | 57017  | 04851 | 15400   | 52219                             | 81612  |  |  |     | 590                     | 01033 | 007             | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> |  | +   |  |   |  |  |  |
|                | Corlestone    | 497                                  | 82710 | 56616  | 00005 | 864//   | 03400                             | 88715  |  |  |     | 497                                  | 82708 | 60026  | 04702 | 864//   | 01229                             | 88715  |  |  |     | 497                     | 000   | 000             |  |  |   |  |   |  |  |  |
|                | Aberporth     | 502                                  | 62911 | 81158  | 04703 | 68502   | 50205                             | 86820  |  |  |     | 502                                  | 63107 | 84011  | 05202 | 62500   | 51210                             | 86820  |  |  |     | 502                     | 95037 | 043             | jp   |  | jpps  |  |   |  |  |  |
| Filton         | 628           | 12907                                | 62011 | 04703  | 18500 | 51108   | 81825                             |  |  |  | 628 | 43302                                | 65030 | 05301  | 48500 | 51311   | 82822                             | 83637  |  |  |     | 628                     | 00043 | 067             | +  |  | +   |  |   |  |  |  |
| Rhoose         | 715           | 12908                                | 75021 | 05003  | 18531 | 51008   | 81825                             |  |  |  | 715 | 23002                                | 78031 | 05401  | 29400 | 52211   | 82915                             |  |  |  | 715 | 91055                   | 056   | +               |  | ps   |   |  |   |  |  |  |
| Hartland Point | 703           | 33205                                | 87150 | 05204  | 39430 | 52107   | 83918                             |  |  |  | 703 | 40210                                | 86028 | 05300  | 49400 | 00307   | 82918                             | 83620  |  |  |     | 703                     | 02056 | 035             |  |  |   |  |   |  |  |  |
| Mount Batten   | 827           | 40405                                | 84261 | 06304  | 49560 | 01110   | 81922                             |  |  |  | 827 | 83311                                | 56858 | 06301  | 852// | 01209   | 83703                             | 86708  | 88615  |  |     |                         | 827   | 02063           | 046  | pr <sub>c</sub> s <sub>c</sub> pr <sub>s</sub> |   | pr <sub>c</sub> s <sub>c</sub> pr <sub>s</sub> pr <sub>s</sub> |   |  |  |  |
| St. Mawgan     | 817           | 62807                                | 70278 | 06205  | 49463 | 51007   | 82915                             | 84068  |  |  | 817 | 60803                                | 70278 | 05702  | 69403 | 51309   | 83912                             | 85820  |  |  |     | 817                     | 01055 | 040             | ph <sub>s</sub> pr <sub>s</sub>  |  | pr <sub>c</sub> ph <sub>s</sub> pr <sub>s</sub>                               |  |   |  |  |  |
| Scilly         | 804           | 53211                                | 82168 | 07207  | 58500 | 51007   | 84822                             |  |  |  | 804 | 33113                                | 82018 | 06205  | 39400 | 00307   | 83917                             |  |  |  | 804 | 96071                   | 048   | ph <sub>r</sub> |  | ph <sub>r</sub>                                |   |  |   |  |  |  |
| Guldruse       | 809           | 70113                                | 40278 | 07003  | 793// | 01007   | 85908                             |  |  |  | 809 | 43406                                | 80278 | 06002  | 43400 | 00304   | 81914                             | 83818  |  |  |     | 809                     | 96067 | 019             | ph <sub>c</sub>  |  | ph <sub>c</sub>   |  |   |  |  |  |
| Guernsey       | 894           | 63115                                | 81158 | 06405  | 68500 | 53011   | 82822                             | 85640  |  |  | 894 | 52905                                | 65038 | 06901  | 59403 | 52107   | 83815                             | 82928  |  |  |     | 894                     | 92051 | 034             | pr <sub>c</sub>  |  | ps <sub>c</sub> pr <sub>c</sub> s <sub>c</sub> ph <sub>c</sub> r <sub>c</sub> |  |   |  |  |  |
| Se             | Elmdon        | 534                                  | 63109 | 57047  | 03003 | 4843//  | 51109                             | 82814  | 83656  |  |     | 534                                  | 22205 | 60048  | 04600 | 28500   | 51212                             | 81820  |  |  |     | 534                     | 97045 | 019             | +  |  | ps <sub>c</sub>   |  |   |  |  |  |
|                | Cardington    | 559                                  | 83106 | 30717  | 03201 | 873//   | 01219                             | 86707  | 88712  |  |     | 559                                  | 42407 | 45107  | 05151 | 49400   | 51213                             | 81915  | 83630  |  |     |                         | 559   | 95035           | 009  | s <sub>c</sub> s <sub>c</sub>                  |   | +  |   |  |  |  |
|                | Wittering     | 462                                  | 83009 | 57707  | 02901 | 4732//  | 00217                             | 83707  | 83625  | 88559  |     | 462                                  | 12606 | 56107  | 04651 | 19400   | 52211                             | 81915  |  |  |     | 462                     | 96033 | 008             | s <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> |  | +   |  |   |  |  |  |
|                | Watnall       | 354                                  | 72505 | 30057  | 02901 | 1567//  | 51208                             | 81640  | 84459  | 87360  |     | 354                                  | 12804 | 25041  | 04600 | 15600   | 51214                             | 81640  |  |  |     | 354                     | 97035 | 015             | s <sub>c</sub> s <sub>c</sub>  |  | +   |  |   |  |  |  |
|                | Shawbury      | 414                                  | 22609 | 83018  | 03303 | 18433   | 50106                             | 81818  |  |  |     | 414                                  | 22706 | 75018  | 04751 | 28500   | 52216                             | 81820  |  |  |     | 414                     | 97043 | 051             | ps <sub>c</sub>  |  | ps <sub>c</sub>   |  |   |  |  |  |
|                | Fimbleley     | 360                                  | 72705 | 40047  | 01902 | 15672   | 51207                             | 81635  | 85363  | 87072  |     | 360                                  | 52502 | 43041  | 03600 | 45730   | 51214                             | 84656  |  |  |     | 360                     | 00041 | 006             | +  |  | +   |  |   |  |  |  |
|                | Spurn Point   | 396                                  | 83012 | 20717  | 01301 | 873//   | 50218                             | 88708  |  |  |     | 396                                  | 62710 | 65017  | 03202 | 4547//  | 00214                             | 82710  | 84620  | 86360  |     |                         |       | 396             | 00045  | 031  | id <sub>s</sub> s <sub>c</sub> s <sub>c</sub>                                 |  | + |  |  |  |
|                | Leeming       | 257                                  | 63107 | 82017  | 01902 | 18502   | 51109                             | 81825  | 86075  |  |     | 257                                  | 33105 | 84031  | 03851 | 15633   | 52317                             | 81635  | 83360  |  |     |                         | 257   | 00021           | 022  | +  |   | +  |   |  |  |  |
|                | Tynemouth     | 262                                  | 72709 | 56022  | 01801 | 7097//  | 53211                             | 87358  |  |  |     | 262                                  | 32810 | 61021  | 03500 | 30930   | 52216                             | 83358  |  |  |     | 262                     | 00021 | 022             | +  |  | +   |  |   |  |  |  |
|                | Carlisle      | 222                                  | 13202 | 48041  | 02101 | 18530   | 52208                             | 81825  |  |  |     | 222                                  | 60000 | 40041  | 04052 | 654//   | 53218                             | 86614  |  |  |     | 222                     | 00016 | 062             | +  |  | f   |  |   |  |  |  |
| Se             | Valley        | 302                                  | 63011 | 82151  | 03404 | 634/3   | 01206                             | 82917  | 85819  |  |     | 302                                  | 73006 | 80038  | 04202 | 794//   | 00211                             | 82916  | 86620  |  |     |                         | 302   | 01057           | 045  | ph <sub>c</sub>                                |   | ph <sub>c</sub> ps <sub>c</sub>                                |   |  |  |  |
|                | Ringway       | 334                                  | 42807 | 56168  | 03102 | 49400   | 01108                             | 81912  | 84820  |  |     | 334                                  | 51802 | 15101  | 04850 | 56300   | 51216                             | 85706  |  |  |     | 334                     | 00031 | 029             | +  |  | +   |  |   |  |  |  |
|                | Squires Gate  | 318                                  | 42608 | 59158  | 02403 | 39433   | 01007                             | 82916  |  |  |     | 318                                  | 30203 | 61011  | 04101 | 38403   | 51217                             | 81818  |  |  |     | 318                     | 00045 | 055             | jp   |  | jp  |  |   |  |  |  |
|                | Ronaldsway    | 204                                  | 33009 |        |       |   |                                   |  |  |  |     |                                      |       |        |       |   |                                   |  |  |  |     |                         |       |                 |  |  |   |  |   |  |  |  |

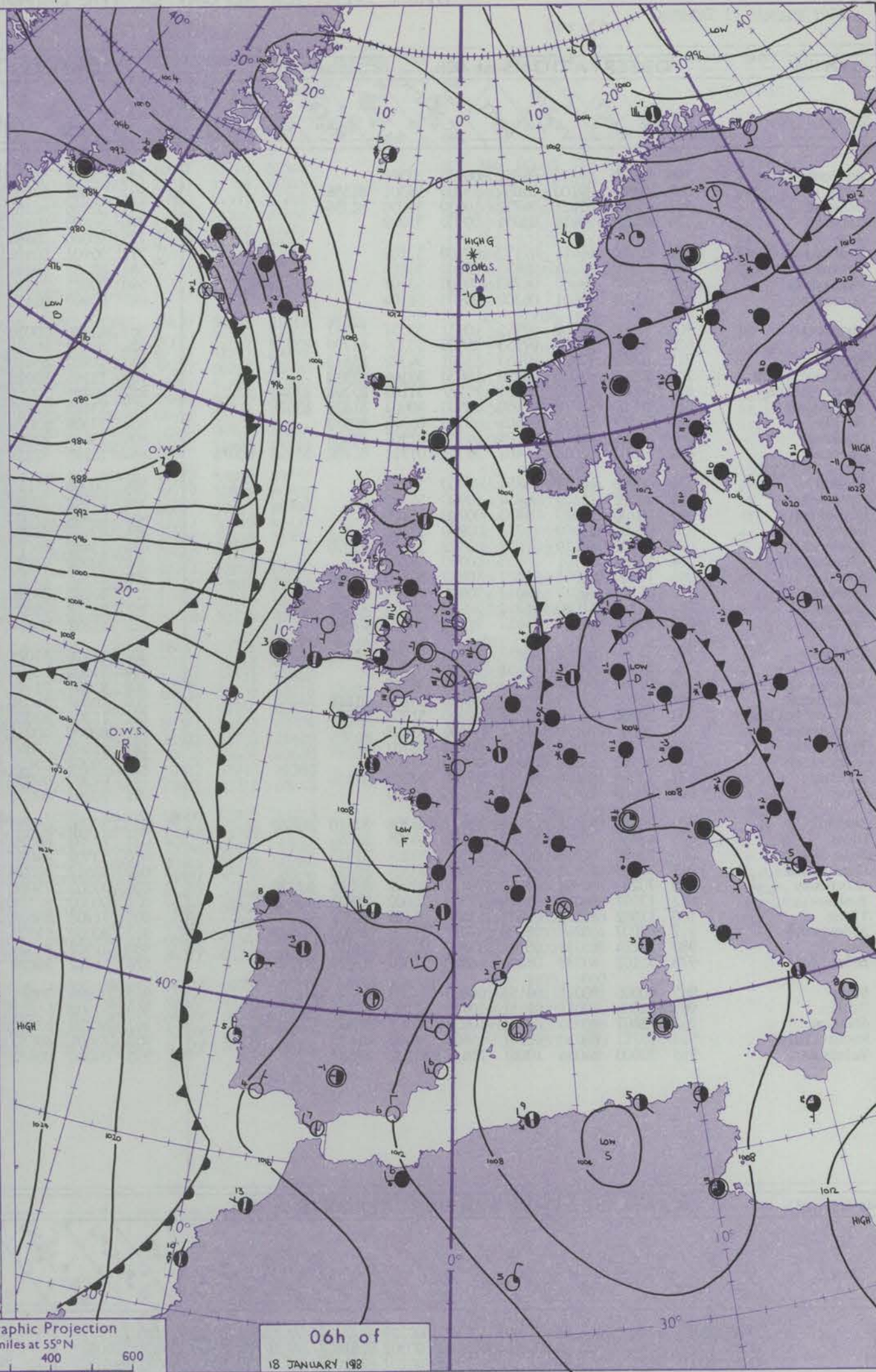
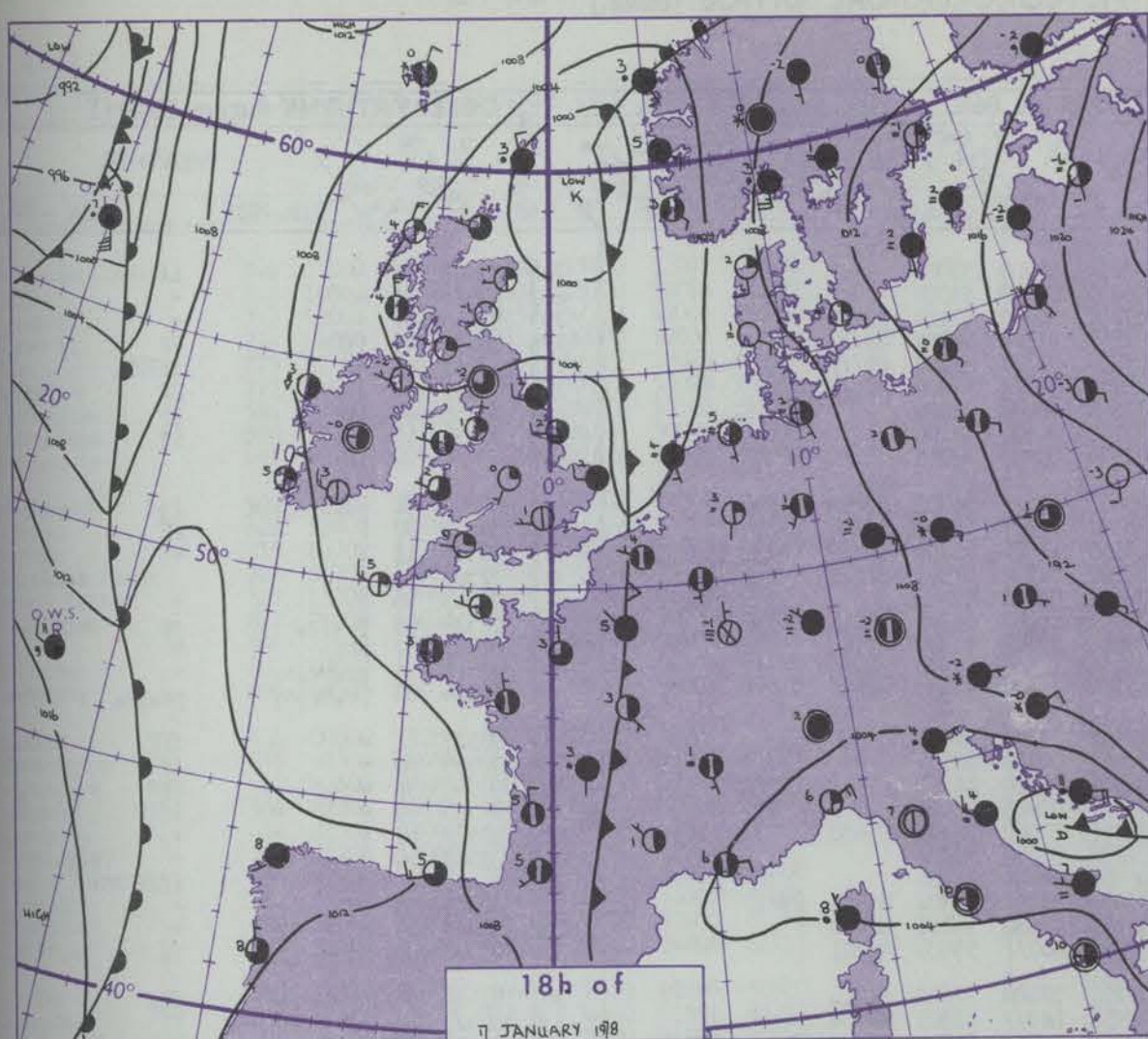


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPSIS DEVELOPMENT.

During the past 24 hours a small depression has persisted in the northern North Sea, while shallow troughs of low pressure moved south across the British Isles. A deep low southwest of Iceland moved slowly northeast, while an associated frontal trough moved very slowly east towards Ireland. During the next 24 hours the depression in the North

Sea will move north and fill. The deep depression southwest of Ireland will continue to move slowly east, while the associated frontal trough edges eastwards into Ireland. A secondary low is expected to develop to the west of Ireland.

Issued at midday WEDNESDAY 18 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. |                  |     |       |       |       |                                   |                    |  |  |  | OBSERVATIONS at 06h. |       |       |       |                                   |                    |  |  |  |     |                                   | OBSERVATIONS during NIGHT     |   |  |      |                                 |               |                |                  |  |  |  | Station |
|----------------------|------------------|-----|-------|-------|-------|-----------------------------------|--------------------|--|--|--|----------------------|-------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|-----------------------------------|-------------------------------|---|--|------|---------------------------------|---------------|----------------|------------------|--|--|--|---------|
| Code FM II.V         | Station          | iii | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                  | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER   |  |      |                                 |               |                |                  |  |  |  |         |
|                      |                  |     |       |       |       |                                   |                    |  |  |  |                      |       |       |       |                                   |                    |  |  |  |     |                                   |                               | 21h.—03h.   | 03h.—09h.                                      |      |                                 |               |                |                  |  |  |  |         |
|                      | Boscombe Down    | 746 | 00000 | 57050 | 06851 | 00900                             | 53302              |  |  |  | 746                  | 03002 | 58050 | 07954 | 00900                             | 55003              |  |  |  | 746 | 00563                             | 60                            | +   |  | if   |                                 | Boscombe Down |                |                  |  |  |  |         |
|                      | Hurn             | 862 | 10000 | 20100 | 07054 | 15700                             | 55301              | 81656  |  |  | 862                  | 03302 | 57100 | 08355 | 00900                             | 55207              |  |  |  | 862 | 00573                             | 60                            | +   |  | +    |                                 | Hurn          |                |                  |  |  |  |         |
|                      | Manston          | 797 | 12504 | 62021 | 06752 | 10930                             | 52000              | 81359  |  |  | 797                  | 32906 | 40101 | 07752 | 36300                             | 52106              | 83709  |  |  |     | 797                               | 91543                         | 57  | +  |      | +                               |               | Manston        |                  |  |  |  |         |
|                      | Gatwick          | 776 | 00000 | 09414 | 07054 | 00900                             | 55202              |  |  |  | 776                  | 90000 | 00494 | 07855 | 9/////                            | 56204              | 89///  |  |  |     | 776                               | 00573                         | 59  | ifff   |      | FF                              |               | Gatwick        |                  |  |  |  |         |
|                      | Kew              |     |       |       |       |                                   |                    |  |  |  | 775                  | 90000 | 00494 | 07754 | 9/////                            | 54207              | 89///  |  |  |     | 775                               | 97563                         | 61  | +  |      | ifffh <sub>c</sub>              |               | Kew            |                  |  |  |  |         |
|                      | Heathrow         | 772 | 02901 | 05414 | 07152 | 00900                             | 52102              |  |  |  | 772                  | 92901 | 00494 | 08254 | 9/////                            | 55206              | 89///  |  |  |     | 772                               | 00553                         | 57  | iffff  |      | FF                              |               | Heathrow       |                  |  |  |  |         |
|                      | Honington        | 586 | 02402 | 26101 | 06453 | 00900                             | 53104              |  |  |  | 586                  | 02404 | 20104 | 07654 | 00900                             | 54206              |  |  |  | 586 | 00553                             | 60                            | if  |  | ff   |                                 | Honington     |                |                  |  |  |  |         |
|                      | Wattisham        | 590 | 02405 | 03481 | 06753 | 00900                             | 53103              |  |  |  | 590                  | 03002 | 11124 | 07753 | 00900                             | 54106              |  |  |  | 590 | 00553                             | 60                            | fif   |  | if   |                                 | Wattisham     |                |                  |  |  |  |         |
|                      | Gorleston        | 497 | 02708 | 32051 | 06300 | 00900                             | 51104              |  |  |  | 497                  | 02907 | 01444 | 07553 | 00900                             | 53205              |  |  |  | 497 |                                   |                               |   |  |      |                                 | Gorleston     |                |                  |  |  |  |         |
|                      | Aberporth        | 502 | 21804 | 06468 | 07552 | 10931                             | 52007              | 81362  |  |  | 502                  | 61706 | 80024 | 08653 | 655//                             | 54302              | 82620  | 86650  |  | 502 | 02547                             | 54                            | ps <sub>c</sub> s <sub>c</sub> s <sub>c</sub> ssf |  | fjf  |                                 | Aberporth     |                |                  |  |  |  |         |
|                      | Filton           | 628 | 30000 | 17100 | 07153 | 36000                             | 53204              | 81700  | 83701  |  | 628                  | 90000 | 00494 | 08554 | 9/////                            | 55302              | 89/00  |  |  |     | 628                               | 00553                         | 60  | F  |      | FF                              |               | Filton         |                  |  |  |  |         |
|                      | Rhoose           | 715 | 10402 | 70028 | 07053 | 11401                             | 54302              | 81815  |  |  | 715                  | 10902 | 65010 | 08154 | 11400                             | 55201              | 81812  |  |  |     | 715                               | 00555                         | 62  | +  |      | +                               |               | Rhoose         |                  |  |  |  |         |
|                      | Hartland Point   | 703 | 22103 | 87020 | 06950 | 19430                             | 52106              | 81918  |  |  | 703                  | 11105 | 80020 | 08102 | 12530                             | 01301              | 81820  |  |  |     | 703                               | 02506                         |   |  |      | +                               |               | Hartland Point |                  |  |  |  |         |
|                      | Mount Batten     | 827 | 70602 | 20288 | 06851 | 751//                             | 51103              | 83702  | 87640  |  | 827                  | 00705 | 70014 | 08151 | 00900                             | 52003              |  |  |  | 827 | 00543                             | 58                            | f   |  | +    |                                 | +             | Mount Batten   |                  |  |  |  |         |
|                      | St. Mawgan       | 817 | 30000 | 58778 | 07050 | 38500                             | 50601              | 81820  | 83628  |  | 817                  | 53105 | 82037 | 08601 | 58400                             | 51302              | 82818  | 84630  |  | 817 | 02526                             | 58                            | psffs <sub>c</sub>                                |  | jp   |                                 | +             | St. Mawgan     |                  |  |  |  |         |
|                      | Scilly           | 804 | 63317 | 82278 | 07405 | 69500                             | 01302              | 86920  |  |  | 804                  | 33309 | 83028 | 09204 | 32500                             | 51309              | 83820  |  |  |     | 804                               | 02031                         | 52  | phr  |      | +                               | +             | Scilly         |                  |  |  |  |         |
|                      | Culdrose         | 809 | 60000 | 82268 | 07101 | 693//                             | 01501              | 84909  |  |  | 809                  | 13607 | 82021 | 08950 | 15500                             | 51306              | 81625  |  |  |     | 809                               | 02516                         | 54  | pr <sub>c</sub> pr <sub>c</sub> s <sub>c</sub> |      | +                               | +             | Culdrose       |                  |  |  |  |         |
|                      | Guernsey         | 894 | 51907 | 82038 | 06402 | 39303                             | 01711              | 81706  | 81920  | 83075  | 894                  | 10105 | 82258 | 07101 | 11400                             | 51307              | 81814  |  |  |     | 894                               | 01004                         | 55  | pr <sub>c</sub> h <sub>c</sub> ps <sub>c</sub> |      | pr <sub>c</sub> ph <sub>c</sub> |               | Guernsey       |                  |  |  |  |         |
|                      | Elmdon           | 534 | 00000 | 40101 | 06854 | 00900                             | 55305              |  |  |  | 534                  | 00000 | 14110 | 07957 | 00900                             | 57002              |  |  |  | 534 | 00575                             | 61                            | +   |  | fff  |                                 |               | Elmdon         |                  |  |  |  |         |
|                      | Cardington       | 559 | 02502 | 12120 | 06854 | 00900                             | 54104              |  |  |  | 559                  | 02702 | 50100 | 07955 | 00900                             | 55105              |  |  |  | 559 | 00565                             | 60                            | +   |  | ff   |                                 |               | Cardington     |                  |  |  |  |         |
|                      | Wittering        | 462 | 02706 | 50020 | 06853 | 00900                             | 53104              |  |  |  | 462                  | 02804 | 17100 | 08154 | 00900                             | 54105              |  |  |  | 462 | 00553                             | 58                            | +   |  | fff  |                                 |               | Wittering      |                  |  |  |  |         |
|                      | Watnall          | 354 | 02505 | 20050 | 06752 | 00900                             | 53206              |  |  |  | 354                  | 02403 | 01484 | 08155 | 00900                             | 56103              |  |  |  | 354 | 97565                             | 59                            | +   |  | ifff |                                 |               | Watnall        |                  |  |  |  |         |
|                      | Shawbury         | 414 | 32602 | 60110 | 07053 | 00902                             | 54207              | 83070  |  |  | 414                  | 12402 | 60110 | 08356 | 15600                             | 57303              | 81630  |  |  |     | 414                               | 00573                         | 61  | +  |      | +                               |               | Shawbury       |                  |  |  |  |         |
|                      | Finningley       | 360 | 02602 | 20101 | 05953 | 00900                             | 54108              |  |  |  | 360                  | 00000 | 17100 | 07255 | 00900                             | 55203              |  |  |  | 360 | 00563                             | 60                            | +   |  | +    |                                 |               | Finningley     |                  |  |  |  |         |
|                      | Spurn Point      | 396 | 12709 | 30051 | 05701 | 10970                             | 51110              | 81360  |  |  | 396                  | 02708 | 25100 | 06950 | 00900                             | 51204              |  |  |  | 396 |                                   |                               |   | +  | ffff |                                 |               | Spurn Point    |                  |  |  |  |         |
|                      | Leeming          | 257 | 03103 | 80020 | 06053 | 00900                             | 54108              |  |  |  | 257                  | 50000 | 70031 | 07054 | 35701                             | 55301              | 83650  | 83075  |  | 257 | 00555                             | 59                            | +   |  | +    |                                 |               | Leeming        |                  |  |  |  |         |
|                      | Tynemouth        | 262 | 22712 | 61020 | 05352 | 20930                             | 55105              | 82359  |  |  | 262                  | 22712 | 69020 | 06853 | 15630                             | 56103              | 81630  |  |  |     | 262                               | 00533                         | 54  | +  |      | +                               |               |                | Tynemouth        |  |  |  |         |
|                      | Carlisle         | 222 | 91102 | 01434 | 06453 | 9/////                            | 54209              | 89/01  |  |  | 222                  | 81202 | 06444 | 07354 | 860//                             | 55400              | 88701  |  |  |     | 222                               | 00546                         | 60  | FFff   |      | ff                              |               |                | Carlisle         |  |  |  |         |
|                      | Valley           | 302 | 51502 | 80038 | 06551 | 55600                             | 51204              | 85635  |  |  | 302                  | 21410 | 81028 | 07251 | 28400                             | 52602              | 81814  |  |  |     | 302                               | 01516                         | 55  | +  |      | ph <sub>c</sub>                 |               |                | Valley           |  |  |  |         |
|                      | Ringway          | 334 | 01802 | 18101 | 06651 | 00900                             | 51205              |  |  |  | 334                  | 81602 | 18104 | 07951 | 863//                             | 51301              | 88709  |  |  |     | 334                               | 00523                         | 56  | if   |      | ff                              |               |                | Ringway          |  |  |  |         |
|                      | Squires Gate     | 318 | 01102 | 01464 | 06254 | 00900                             | 55207              |  |  |  | 318                  | 91007 | 01494 | 07453 | 9/////                            | 53500              | 89///  |  |  |     | 318                               | 00555                         | 57  | fff  |      | FF                              |               |                | Squires Gate     |  |  |  |         |
|                      | Ronaldsway       | 204 | 10106 | 84028 | 06153 | 18400                             | 55104              | 81818  |  |  | 204                  | 20107 | 84030 | 06653 | 28500                             | 53604              | 81826  |  |  |     | 204                               | 00543                         | 57  | +  |      | +                               |               |                | Ronaldsway       |  |  |  |         |
|                      | Mull of Galloway | 131 | 10000 | 84020 | 06251 | 12500                             | 51205              | 81820  |  |  | 131                  | 12306 | 82020 | 06701 | 12500                             | 00805              | 81820  |  |  |     | 131                               | 00513                         |   |  |      | ff                              |               |                | Mull of Galloway |  |  |  |         |
|                      | Eskdalemuir      | 162 | 00000 | 70020 | 07461 | 00900                             | 62207              |  |  |  | 162                  | 80000 | 40051 | 08261 | 861//                             | 62500              | 88702  |  |  |     | 162                               | 00636                         | 65  | +  |      | +                               |               |                | Eskdalemuir      |  |  |  |         |
|                      | Prestwick        | 135 | 01202 | 27040 | 06055 | 00900                             | 56207              |  |  |  | 135                  | 01102 | 62040 | 06455 | 00900                             | 56704              |  |  |  | 135 | 00563                             | 60                            | +   |  | +    |                                 |               | Prestwick      |                  |  |  |  |         |
|                      | Abbotsinch       | 140 | 02902 | 40110 | 05757 | 00900                             | 58106              |  |  |  | 140                  | 10000 | 25114 | 06358 | 15700                             | 59602              | 81650  |  |  |     | 140                               | 00593                         | 64  | +  |      | if                              |               |                | Abbotsinch       |  |  |  |         |
|                      | Leuchars         | 171 | 12305 | 80020 | 04753 | 15700                             | 57205              | 81656  |  |  | 171                  | 02309 | 80020 | 04954 | 00900                             | 56801              |  |  |  | 171 | 00553                             | 57                            | +   |  | +    |                                 |               |                | Leuchars         |  |  |  |         |
|                      | Dyce             | 091 | 00000 | 82020 | 03853 | 00900                             | 5                  |  |  |  |                      |       |       |       |                                   |                    |  |  |  |     |                                   |                               |   |  |      |                                 |               |                |                  |  |  |  |         |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

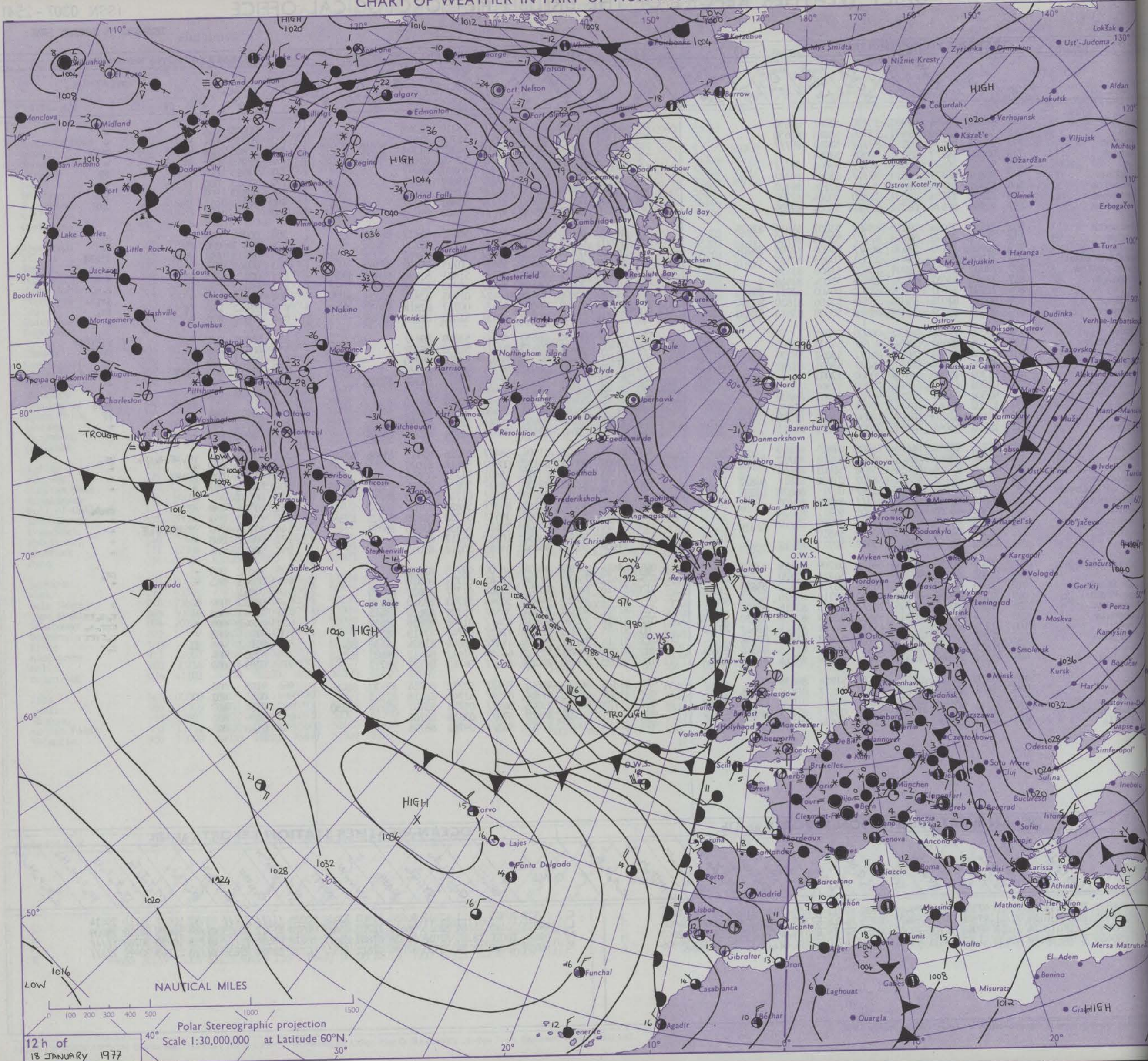
Date of Issue THURSDAY 19 JANUARY 1978

42427

| 42427            |  | OBSERVATIONS at 12h. 18 January 1978 |       |       |       |                                   |                                   |  |  |  |     | OBSERVATIONS at 18h. 18 January 1978 |       |       |                                   |                                   |  |  |  |     |     | OBSERVATIONS during DAY         |     |  |  |                                |  |
|------------------|--|--------------------------------------|-------|-------|-------|-----------------------------------|-----------------------------------|--|--|--|-----|--------------------------------------|-------|-------|-----------------------------------|-----------------------------------|--|--|--|-----|-----|---------------------------------|-----|--|--|--------------------------------|--|
| Code FM II.V     |  |                                      |       |       |       |                                   |                                   |  |  |  |     |                                      |       |       |                                   |                                   |  |  |  |     |     |                                 |     |  |  |                                |  |
| Station          |  | ill                                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff                                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | RRT | T <sub>s</sub> T <sub>s</sub> E | SSs | WEATHER  |  |                                |  |
| -09h.            |  |                                      |       |       |       |                                   |                                   |  |  |  |     |                                      |       |       |                                   |                                   |  |  |  |     |     | 09h.—15h.                       |     | 15h.—21h.  |  |                                |  |
| Boscombe Down    |  | 746                                  | 10000 | 45054 | 09300 | 15700                             | 52001                             | 81650  |  |  | 746 | 11605                                | 56050 | 07652 | 10931                             | 53710                             | 81362  |  |  |     | 746 | 00043                           | 044 | if   |  | +                              |  |
| Hurn             |  | 862                                  | 10502 | 45050 | 09601 | 15700                             | 52014                             | 81650  |  |  | 862 | 11302                                | 40050 | 07851 | 11531                             | 52709                             | 81825  |  |  |     | 862 | 00051                           | 054 | +  |  | +                              |  |
| Manston          |  | 797                                  | 93005 | 00494 | 09252 | 9/1111                            | 52006                             | 89/111   |  |  | 797 | 12005                                | 35044 | 09353 | 16000                             | 54303                             | 81701  |  |  |     | 797 | 97003                           | 024 | FFF  |  | FFif                           |  |
| Gatwick          |  | 776                                  | 00000 | 10287 | 09352 | 00900                             | 52006                             |  |  |  | 776 | 11702                                | 40110 | 08251 | 15700                             | 52704                             | 81656  |  |  |     | 776 | 91043                           | 035 | FFs <sub>c</sub> f   |  | +                              |  |
| Kew              |  | 775                                  | 92502 | 01497 | 09453 | 9/1111                            | 53003                             | 89/111   |  |  | 775 | 90000                                | 00494 | 08153 | 9/1111                            | 53807                             | 89/111   |  |  |     | 775 | 97525                           | 000 | s <sub>c</sub> FF  |  | FF                             |  |
| Heathrow         |  | 772                                  | 91802 | 00777 | 09853 | 9/1111                            | 53005                             | 89/111   |  |  | 772 | 91403                                | 00457 | 08553 | 9/1111                            | 53807                             | 89/111   |  |  |     | 772 | 97523                           | 000 | FFhsh  |  | FF                             |  |
| Honington        |  | 586                                  | 82602 | 01484 | 09052 | 860/11                            | 53106                             | 88700  |  |  | 586 | 92002                                | 00494 | 08053 | 9/1111                            | 53802                             | 89/000   |  |  |     | 586 | 00523                           | 000 | FF   |  | FFF                            |  |
| Wattisham        |  | 590                                  | 22602 | 17104 | 08950 | 26100                             | 50004                             | 82702  |  |  | 590 | 92106                                | 01494 | 08553 | 9/1111                            | 53801                             | 89/111   |  |  |     | 590 | 97003                           | 014 | FFF  |  | FFF                            |  |
| Gorleston        |  | 497                                  | 92706 | 00474 | 08752 | 9/1111                            | 52004                             | 89/000   |  |  | 497 | 92410                                | 00454 | 08452 | 9/1111                            | 52400                             | 89/000   |  |  |     | 497 |                                 | 000 |  |  |                                |  |
| Aberporth        |  | 502                                  | 31810 | 75034 | 08651 | 18402                             | 53802                             | 81815  | 83075  |  | 502 | 81620                                | 61051 | 03001 | 2547/                             | 50831                             | 81712  | 88362  |  |     | 502 | 00026                           | 049 | if   |  | +                              |  |
| Filton           |  | 628                                  | 92402 | 00494 | 09753 | 9/1111                            | 53003                             | 89/000   |  |  | 628 | 91603                                | 00454 | 07153 | 9/1111                            | 53714                             | 89/000   |  |  |     | 628 | 00513                           | 000 | FF   |  | FF                             |  |
| Rhoose           |  | 715                                  | 80702 | 11101 | 09650 | 860/11                            | 51005                             | 82700  | 88703  |  | 715 | 90906                                | 00474 | 06551 | 9/1111                            | 51715                             | 89/001   |  |  |     | 715 | 00013                           | 018 | FFff   |  | fffff                          |  |
| Hartland Point   |  | 703                                  | 31704 | 80020 | 09403 | 22531                             | 00005                             | 82825  |  |  | 703 | 81915                                | 68031 | 04602 | 5567/                             | 00725                             | 85640  | 88360  |  |     | 703 | 00045                           | 055 |  |  |                                |  |
| Mount Batten     |  | 827                                  | 13002 | 57040 | 09903 | 15602                             | 51006                             | 81630  |  |  | 827 | 71811                                | 78011 | 05904 | 7851/                             | 51821                             | 81820  | 86640  | 87465  |     | 827 | 00071                           | 035 | +  |  | +                              |  |
| St. Mawgan       |  | 817                                  | 31606 | 65031 | 09702 | 18439                             | 51004                             | 81818  |  |  | 817 | 71712                                | 70021 | 04404 | 784/11                            | 50730                             | 81818  | 87650  |  |     | 817 | 97051                           | 030 | +  |  | r <sub>c</sub> r <sub>c</sub>  |  |
| Silly            |  | 804                                  | 71902 | 84031 | 09806 | 68502                             | 00400                             | 82821  | 85645  |  | 804 | 81720                                | 82606 | 03406 | 6842/                             | 01735                             | 82819  | 84625  | 88550  |     | 804 | 01081                           | 020 | +  |  | ir <sub>c</sub> ir             |  |
| Culdrose         |  | 809                                  | 60000 | 81031 | 10103 | 28531                             | 52106                             | 81820  | 85364  |  | 809 | 71912                                | 70022 | 05005 | 4843/                             | 00727                             | 82818  | 83630  | 87360  |     | 809 | 97062                           | 040 | if   |  | ir <sub>c</sub>                |  |
| Guernsey         |  | 894                                  | 40305 | 86031 | 09404 | 49400                             | 50008                             | 83818  | 81920  |  | 894 | 71804                                | 82031 | 08504 | 6843/                             | 51805                             | 81818  | 86645  |  |     | 894 | 00051                           | 070 | JP   |  | +                              |  |
| Elmdon           |  | 534                                  | 00000 | 11284 | 09152 | 00900                             | 52001                             |  |  |  | 534 | 91607                                | 06494 | 06853 | 9/1111                            | 53809                             | 89/111   |  |  |     | 534 | 00023                           | 041 | FFF  |  | iffiff                         |  |
| Cardington       |  | 559                                  | 92504 | 00494 | 09454 | 9/1111                            | 54003                             | 89/001   |  |  | 559 | 91902                                | 01434 | 07853 | 9/1111                            | 54808                             | 89/002   |  |  |     | 559 | 00525                           | 000 | FF   |  | FFff                           |  |
| Wittering        |  | 462                                  | 82606 | 01484 | 09153 | 860/11                            | 53002                             | 88700  |  |  | 462 | 82105                                | 01484 | 07353 | 860/11                            | 53811                             | 88700  |  |  |     | 462 | 00523                           | 000 | FF   |  | FF                             |  |
| Watnall          |  | 354                                  | 82304 | 10104 | 09052 | 860/11                            | 53001                             | 88701  |  |  | 354 | 91904                                | 01494 | 06852 | 9/1111                            | 52712                             | 89/111   |  |  |     | 354 | 97515                           | 000 | FFff   |  | ffff-f                         |  |
| Shawbury         |  | 414                                  | 01302 | 42040 | 08700 | 00900                             | 52003                             |  |  |  | 414 | 41606                                | 57040 | 05251 | 10932                             | 52818                             | 81360  | 84075  |  |     | 414 | 00023                           | 047 | +  |  | +                              |  |
| Finningley       |  | 360                                  | 01705 | 15040 | 07801 | 00900                             | 52802                             |  |  |  | 360 | 01706                                | 22100 | 05453 | 00900                             | 53711                             |  |  |  |     | 360 | 00023                           | 052 | +  |  | f                              |  |
| Spurn Point      |  | 396                                  | 92506 | 03434 | 08252 | 9/1111                            | 52005                             | 89/000   |  |  | 396 | 92009                                | 00494 | 06552 | 9/1111                            | 52801                             | 89/000   |  |  |     | 396 |                                 |     | FFff   |  | ffff                           |  |
| Leeming          |  | 257                                  | 11702 | 68041 | 07451 | 00901                             | 53002                             | 81075  |  |  | 257 | 21509                                | 40040 | 04451 | 25400                             | 52814                             | 82612  |  |  |     | 257 | 00025                           | 065 | +  |  | ff                             |  |
| Tynemouth        |  | 262                                  | 12508 | 61020 | 07000 | 10930                             | 52000                             | 81358  |  |  | 262 | 12505                                | 61020 | 03951 | 10940                             | 52715                             | 81358  |  |  |     | 262 | 00023                           | 065 | +  |  | +                              |  |
| Carlisle         |  | 222                                  | 21402 | 45044 | 07052 | 25400                             | 54806                             | 81711  |  |  | 222 | 61613                                | 50041 | 02150 | 55531                             | 52724                             | 82624  | 83634  |  |     | 222 | 00006                           | 046 | +  |  | +                              |  |
| Valley           |  | 302                                  | 21716 | 78158 | 06604 | 28400                             | 01805                             | 81810  |  |  | 302 | 81724                                | 78028 | 01504 | 6841/                             | 01726                             | 82815  | 85656  | 88467  |     | 302 | 91051                           | 034 | pr <sub>c</sub> pr <sub>c</sub> s <sub>c</sub> pr <sub>c</sub> |  | pr <sub>c</sub>                |  |
| Ringway          |  | 334                                  | 62108 | 22041 | 08401 | 36402                             | 51801                             | 83712  | 86070  |  | 334 | 11607                                | 30041 | 05150 | 00902                             | 52618                             | 81070  |  |  |     | 334 | 00013                           | 049 | +  |  | +                              |  |
| Squires Gate     |  | 318                                  | 41608 | 12284 | 07450 | 25630                             | 51803                             | 82640  |  |  | 318 | 21511                                | 30051 | 03500 | 15601                             | 51721                             | 81640  |  |  |     | 318 | 00025                           | 021 | FFff   |  | +                              |  |
| Ronaldsway       |  | 204                                  | 62112 | 70151 | 05804 | 58402                             | 01808                             | 81818  | 84822  |  | 204 | 81921                                | 82032 | 99905 | 68437                             | 50832                             | 82816  | 85827  | 88273  |     | 204 | 00051                           | 023 | +  |  | +                              |  |
| Mull of Galloway |  | 131                                  | 72110 | 74031 | 05004 | 6256/                             | 02715                             | 86820  | 83360  |  | 131 | 82130                                | 84032 | 98205 | 3251/                             | 01740                             | 83820  | 88460  |  |     | 131 | 00051                           |     |  |  |                                |  |
| Eskdalemuir      |  | 162                                  | 90000 | 01434 | 07256 | 9/1111                            | 58810                             | 89/000   |  |  | 162 | 80000                                | 50774 | 02253 | 853/11                            | 54825                             | 83706  | 88630  |  |     | 162 | 97526                           | 000 | ffff   |  | fs <sub>c</sub> h <sub>c</sub> |  |
| Prestwick        |  | 135                                  | 11504 | 64020 | 05200 | 14501                             | 52811                             | 81624  |  |  | 135 | 71511                                | 59041 | 99001 | 35572                             | 51733                             | 81620  | 83628  | 85364  |     | 135 | 00033                           | 053 | +  |  | +                              |  |
| Abbotsinch       |  | 140                                  | 92002 | 01774 | 05653 | 9/1111                            | 53807                             | 89/002   |  |  | 140 | 71310                                | 58057 | 99300 | 35632                             | 52631                             | 83630  | 86078  |  |     | 140 | 97013                           | 000 | ifjffshFif   |  | +                              |  |
| Leuchars         |  | 171                                  | 02308 | 64010 | 04450 | 00900                             | 54810                             |  |  |  | 171 | 20000                                | 56040 | 00854 | 10932                             | 55717                             | 81363  |  |  |     | 171 | 00013                           | 068 | +  |  | +                              |  |
| Dyce             |  | 091                                  | 13302 | 57041 | 02901 | 15402                             | 52815                             | 81712  |  |  | 091 | 11906                                | 64040 | 99450 | 15601                             |                                   |  |  |  |     |     |                                 |     |  |  |                                |  |



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

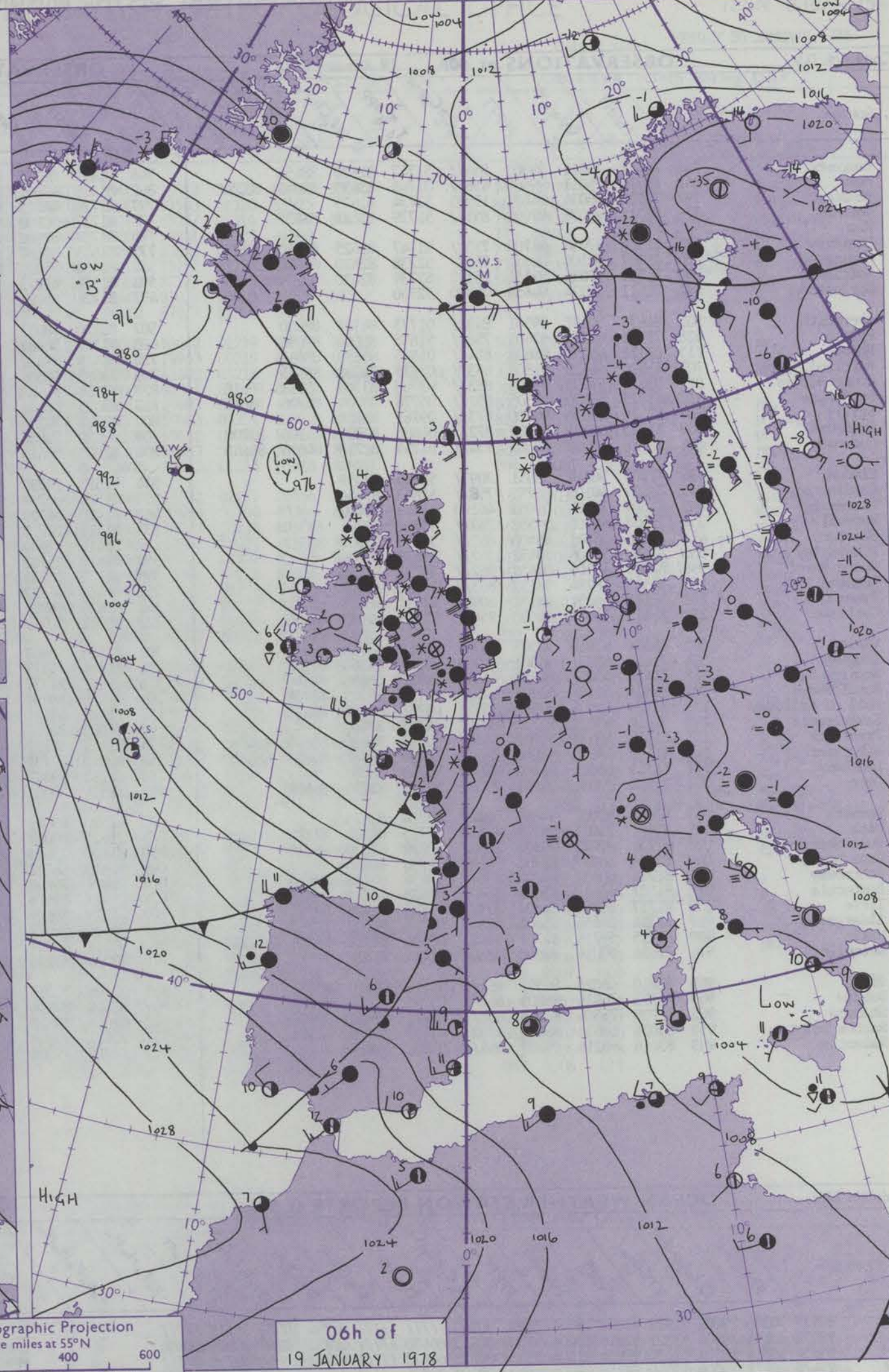
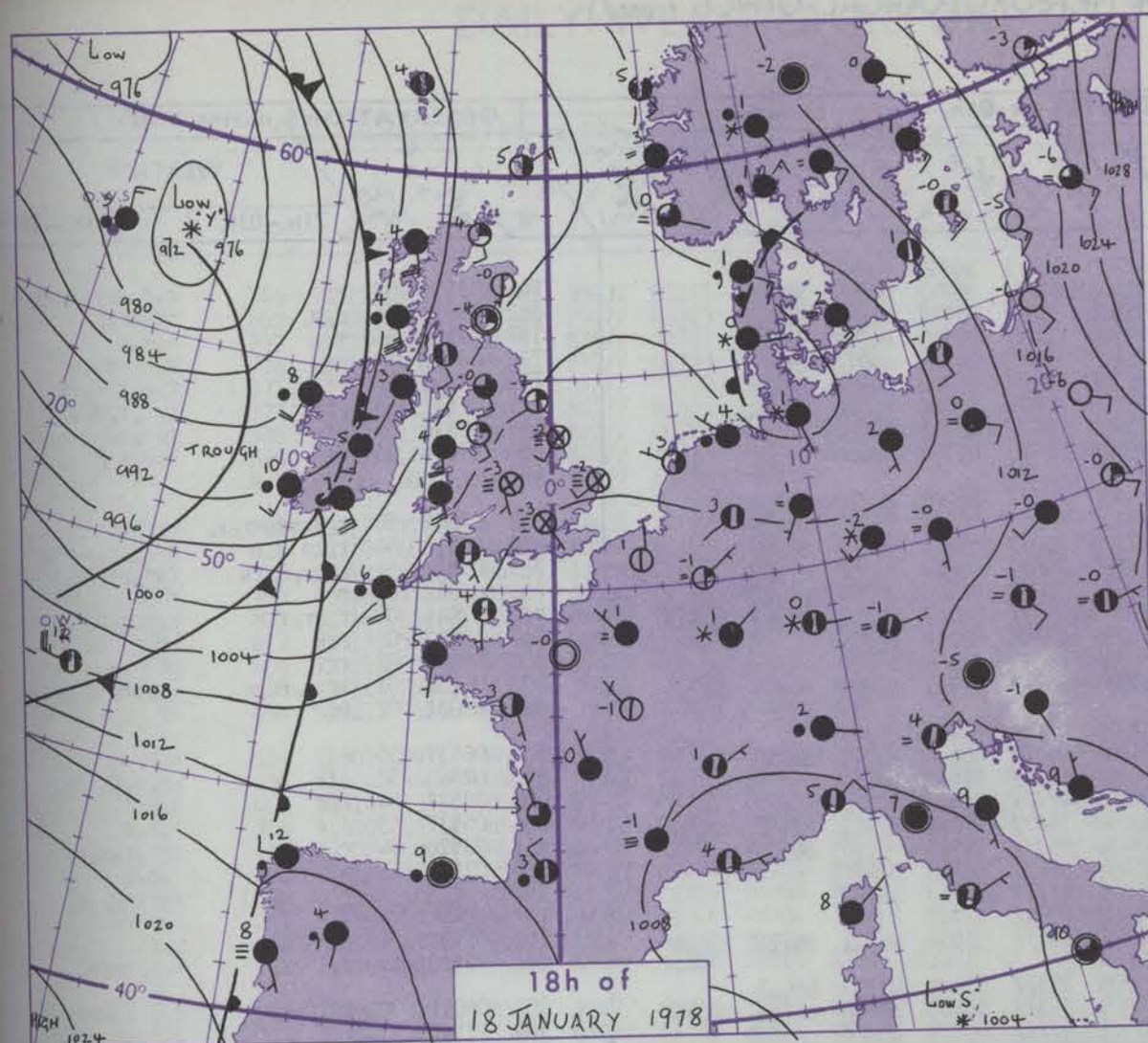


12 h of  
18 JANUARY 1977

Polar Stereographic projection  
Scale 1:30,000,000 at Latitude 60°N.



# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the last 24 hours the weak ridge over the British Isles declined as frontal troughs approached from the west. Secondary lows developed on this trough. During the next 24 hours one of these lows is expected to cross southern England followed by

a rise in pressure over Ireland and western districts, but the trough will be slow-moving over northern England and Scotland.

Issued at midday THURSDAY 19 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |  | OBSERVATIONS at 00h. 19 January 1978 |       |       |       |   |                                   |  |  |  |     | OBSERVATIONS at 06h. 19 January 1978 |       |       |   |                                   |  |  |  |     |                                   | OBSERVATIONS during NIGHT     |  |  |  |   |  |
|------------------|--|--------------------------------------|-------|-------|-------|---|-----------------------------------|--|--|--|-----|--------------------------------------|-------|-------|---|-----------------------------------|--|--|--|-----|-----------------------------------|-------------------------------|--|--|--|---|--|
| Station          |  | iii                                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | Nddff                                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER  |  |  |   |  |
|                  |  |                                      |       |       |       |   |                                   |  |  |  |     |                                      |       |       |   |                                   |  |  |  |     |                                   |                               |  | 21h.—03h.  | 03h.—09h.  |   |  |
| Boscombe Down    |  | 746                                  | 81414 | 75021 | 99302 | 855//   | 51747                             | 82620  | 88656  |  | 746 | 91422                                | 08737 | 87750 | 9////   | 50753                             | 89/02  |  |  |     | 746                               | 03507                         | 57   | r <sub>c</sub>   | r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> rsSss <sub>c</sub>              |   |  |
| Hurn             |  | 862                                  | 81714 | 75011 | 99805 | 4567//  | 01748                             | 83635  | 84640  | 88358  | 862 | 81616                                | 40697 | 88402 | 872//   | 02752                             | 84705  | 88709  |  |     | 862                               | 15011                         | 56   | r <sub>c</sub> s <sub>c</sub>  | rsRsr <sub>c</sub>   |   |  |
| Manston          |  | 797                                  | 21714 | 66034 | 04601 | 15505   | 52734                             | 81625  |  |  | 797 | 81720                                | 68021 | 95202 | 1542//  | 52747                             | 81616  | 88462  |  |     | 797                               | 97536                         | 56   | +  | s <sub>c</sub> s <sub>c</sub> s  |   |  |
| Gatwick          |  | 776                                  | 81711 | 65038 | 02002 | 855//   | 51739                             | 81622  | 88635  |  | 776 | 81717                                | 50692 | 92202 | 874//   | 00745                             | 84712  | 88714  |  |     | 776                               | 06517                         | 59   | ps <sub>c</sub>  | r <sub>c</sub> s <sub>c</sub> rs <sub>c</sub> ss <sub>c</sub>                |   |  |
| Kew              |  |                                      |       |       |       |   |                                   |  |  |  | 775 | 81717                                | 62682 | 91102 | 874//   | 00745                             | 85710  | 88715  |  |     | 775                               | 02545                         | 56   | ff   | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> rs <sub>c</sub>  |   |  |
| Heathrow         |  | 772                                  | 71306 | 57054 | 01700 | 755//   | 51747                             | 81625  | 84640  | 87657  | 772 | 81615                                | 57687 | 91202 | 873//   | 01748                             | 84706  | 88713  |  |     | 772                               | 01531                         | 55   | ffif   | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> s <sub>c</sub>   |   |  |
| Honington        |  | 586                                  | 71407 | 48104 | 02652 | 755//   | 52738                             | 82620  | 87640  |  | 586 | 81416                                | 75021 | 93101 | 8097//  | 52748                             | 84360  | 88464  |  |     | 586                               | 92536                         | 55   | ff   | r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> s <sub>c</sub>                  |   |  |
| Wattisham        |  | 590                                  | 31511 | 57034 | 03151 | 25502   | 52739                             | 82620  |  |  | 590 | 81521                                | 62021 | 93801 | 857//   | 53751                             | 88656  |  |  | 590 | 93546                             | 55                            | ff   | r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> f                               |  |   |  |
| Gorleston        |  | 497                                  | 01611 | 58024 | 04650 | 00900   | 52730                             |  |  |  | 497 | 81726                                | 66021 | 95504 | 8092//  | 01746                             | 88460  |  |  | 497 |                                   |                               |  |  |  |   |  |
| Aberporth        |  | 502                                  | 81630 | 50697 | 89501 | 853//   | 01773                             | 84709  | 88630  |  | 502 | 83120                                | 58617 | 83904 | 854//   | 02106                             | 83710  | 88638  |  |     | 502                               | 07005                         | 50   | r <sub>c</sub> s <sub>c</sub> rs <sub>c</sub> sr <sub>c</sub> r <sub>c</sub> | r <sub>c</sub> r <sub>c</sub> rs   |   |  |
| Filton           |  | 628                                  | 71510 | 62024 | 97402 | 756//   | 51858                             | 81640  | 87656  |  | 628 | 81717                                | 50687 | 85501 | 853//   | 00757                             | 85707  | 88612  |  |     | 628                               | 06511                         | 54   | r <sub>c</sub> rs  | sr <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> rr <sub>c</sub> |   |  |
| Rhoose           |  | 715                                  | 81113 | 65234 | 95603 | 854//   | 01865                             | 85618  | 88645  |  | 715 | 81415                                | 57637 | 84303 | 872//   | 03645                             | 82704  | 88707  |  |     | 715                               | 05011                         | 51   | r <sub>c</sub> -r <sub>c</sub> s <sub>c</sub> rs                             | rss <sub>c</sub> rr <sub>c</sub> r <sub>c</sub> pr <sub>c</sub>              |   |  |
| Hartland Point   |  | 703                                  | 81926 | 66616 | 91803 | 853//   | 03775                             | 85708  | 88635  |  | 703 | 73015                                | 68606 | 84705 | 753//   | 05802                             | 84708  | 87635  |  |     | 703                               | 08032                         | 02   | +  | +  |   |  |
| Mount Batten     |  | 827                                  | 81621 | 59632 | 95205 | 853//   | 03768                             | 83708  | 86711  | 88618  | 827 | 83014                                | 56628 | 86607 | 883//   | 04506                             | 82707  | 88620  |  |     | 827                               | 17041                         | 00   | r <sub>c</sub> -r <sub>c</sub> r <sub>c</sub> R                              | r <sub>c</sub> Rpr <sub>c</sub> rpr <sub>c</sub>                             |   |  |
| St. Mawgan       |  | 817                                  | 81725 | 58636 | 91505 | 852//   | 05778                             | 83704  | 85706  | 88615  | 817 | 83021                                | 58626 | 87805 | 853//   | 02307                             | 82708  | 85615  | 88635  |     |                                   | 817                           | 15042  | 01   | rrR  | rphr  |  |
| Scilly           |  | 804                                  | 82524 | 65636 | 90710 | 873//   | 09767                             | 88708  |  |  | 804 | 42821                                | 70258 | 90106 | 48400   | 03212                             | 83815  |  |  | 804 | 08052                             | 02                            | rr   | pr   |  |   |  |
| Culdrose         |  | 809                                  | 81823 | 50636 | 91707 | 872//   | 06886                             | 82703  | 84706  | 88708  | 809 | 33022                                | 59806 | 88304 | 39400   | 01302                             | 83918  |  |  | 809 | 06032                             | 01                            | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub> rr | ir <sub>c</sub> pr <sub>c</sub>  |  |   |  |
| Guernsey         |  | 894                                  | 71726 | 68022 | 00405 | 754//   | 01754                             | 82710  | 84616  | 86645  | 894 | 82025                                | 50616 | 88605 | 851//   | 05741                             | 82702  | 85704  | 87707  |     |                                   | 894                           | 09031  | 02   | rr   | rr  |  |
| Elmdon           |  | 534                                  | 71408 | 56044 | 98851 | 7093//  | 52845                             | 87359  |  |  | 534 | 91518                                | 10737 | 87600 | 9////   | 00747                             | 89//   |  |  |     | 534                               | 06537                         | 55   | +  | s <sub>c</sub> s <sub>c</sub> ss   |   |  |
| Cardington       |  | 559                                  | 71509 | 40104 | 01252 | 758//   | 52843                             | 87656  |  |  | 559 | 81515                                | 40722 | 90901 | 854//   | 00646                             | 85710  | 88619  |  |     | 559                               | 02545                         | 58   | ff   | ss <sub>c</sub> s <sub>c</sub>   |   |  |
| Wittering        |  | 462                                  | 41507 | 19284 | 01053 | 46100   | 53743                             | 83702  |  |  | 462 | 81420                                | 14727 | 91001 | 855//   | 51643                             | 88620  |  |  |     | 462                               | 02547                         | 54   | FFF  | s <sub>c</sub> ss <sub>c</sub>   |   |  |
| Watnall          |  | 354                                  | 71508 | 40104 | 99552 | 2627//  | 53744                             | 82704  | 87360  |  | 354 | 91313                                | 20717 | 89000 | 9////   | 50749                             | 89//   |  |  |     | 354                               | 05537                         | 53   | f  | s <sub>c</sub> s <sub>c</sub> s  |   |  |
| Shawbury         |  | 414                                  | 81506 | 25041 | 96400 | 862//   | 52753                             | 83704  | 88712  |  | 414 | 81414                                | 32697 | 85001 | 7542//  | 50746                             | 82712  | 87640  | 88457  |     |                                   | 414                           | 03526  | 54   | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                                 | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> rs <sub>c</sub> |  |
| Finningley       |  | 360                                  | 71510 | 35104 | 99452 | 762//   | 53836                             | 87704  |  |  | 360 | 81417                                | 25702 | 89450 | 853//   | 51545                             | 86707  | 88630  |  |     | 360                               | 02537                         | 56   | +  | s <sub>c</sub> s <sub>c</sub> f  |   |  |
| Spurn Point      |  | 396                                  | 81917 | 15104 | 01452 | 862//   | 52731                             | 88705  |  |  | 396 | 81635                                | 16031 | 91403 | 856//   | 50750                             | 88630  |  |  |     | 396                               |                               |  | +  | ir <sub>c</sub> rrs <sub>c</sub> r <sub>c</sub>                              |   |  |
| Leeming          |  | 257                                  | 81515 | 18284 | 98152 | 863//   | 52738                             | 88706  |  |  | 257 | 91416                                | 06737 | 88800 | 9////   | 51743                             | 89/07  |  |  |     | 257                               | 03527                         | 53   | ff   | s <sub>c</sub> ssif  |   |  |
| Tynemouth        |  | 262                                  | 81916 | 56051 | 98552 | 8092//  | 53731                             | 88458  |  |  | 262 | 81626                                | 66022 | 89302 | 8072//  | 51747                             | 88550  |  |  |     | 262                               | 01532                         | 54   | +  | r <sub>c</sub> s <sub>c</sub>  |   |  |
| Carlisle         |  | 222                                  | 81613 | 56041 | 94600 | 2562//  | 52738                             | 82633  | 88460  |  | 222 | 81012                                | 50717 | 86101 | 854//   | 51636                             | 85711  | 84715  | 88628  |     |                                   | 222                           | 92516  | 53   | s <sub>c</sub>   | s <sub>c</sub> s <sub>c</sub> ss <sub>c</sub> s <sub>c</sub>                |  |
| Valley           |  | 302                                  | 81634 | 62616 | 90303 | 853//   | 01862                             | 83708  | 88612  |  | 302 | 81528                                | 58507 | 79105 | 853//   | 03642                             | 83709  | 88613  |  |     | 302                               | 06011                         | 00   | ir <sub>c</sub> rrrs   | r <sub>c</sub> r <sub>c</sub> id <sub>c</sub> ir <sub>c</sub>                |   |  |
| Ringway          |  | 334                                  | 71615 | 62021 | 96801 | 40958   | 53847                             | 84365  | 87270  |  | 334 | 81519                                | 35717 | 85801 | 853//   | 50745                             | 82708  | 86711  | 88640  |     |                                   | 334                           | 02515  | 53   | +  | s <sub>c</sub> -r <sub>c</sub> s <sub>c</sub> -ss <sub>c</sub>              |  |
| Squires Gate     |  | 318                                  | 81418 | 40051 | 94850 | 4577//  | 52746                             | 84656  | 88360  |  | 318 | 91321                                | 24737 | 83901 | 9////   | 00749                             | 89//   |  |  |     | 318                               | 06517                         | 53   | s <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                                 | s <sub>c</sub> s <sub>c</sub> ss   |   |  |
| Ronaldsway       |  | 204                                  | 81628 | 56692 | 90703 | 872//   | 01750                             | 85705  | 88708  |  | 204 | 81216                                | 50697 | 82202 | 872//   | 01740                             | 85705  | 88707  |  |     | 204                               | 21001                         | 50   | r <sub>c</sub> rsrs  | sr <sub>c</sub> sr <sub>c</sub>  |   |  |
| Mull of Galloway |  | 131                                  | 81829 | 66606 | 88503 | 5552//  | 03745                             | 85620  | 88530  |  | 131 | 81525                                | 62617 | 81801 | 3742//  | 01734                             | 83710  | 88520  |  |     | 131                               | 07001                         |  |  |  |   |  |
| Eskdalemuir      |  | 162                                  | 81610 | 60027 | 95152 | 8092//  | 54735                             | 88460  |  |  | 162 | 81309                                | 30737 | 86651 | 853//   | 52736                             | 85708  | 88620  |  |     | 162                               | 02529                         | 54   | +  | s <sub>c</sub> s <sub>c</sub> ss   |   |  |
| Prestwick        |  | 135                                  | 81418 | 58687 | 91002 | 5551//  | 50737                             | 81620  | 85650  | 88459  | 135 | 81413                                | 56707 | 83351 | 852//   | 52730                             | 84705  | 84709  | 88624  |     |                                   | 135                           | 93005  | 50   | r <sub>c</sub> s <sub>c</sub>  | is <sub>c</sub> s <sub>c</sub> s <sub>c</sub>                               |  |
| Abbotsinch       |  | 140                                  | 81212 | 58046 | 91802 | 854//   | 50835                             | 81616  | 83625  | 88650  | 140 | 90810                                | 12737 | 85350 | 9////   | 50730                             | 89//   |  |  |     | 140                               | 09517                         | 51   | r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> s <sub>c</sub>                  | ss <sub>c</sub> ss <sub>c</sub>  |   |  |
| Leuchars         |  | 171                                  | 81515 | 65021 | 94400 | 00907   | 52733                             | 88268  |  |  | 171 | 81212                                | 59707 | 88150 | 4552//  | 51727                             | 84625  | 88460  |  |     | 171                               | 01537                         | 59   | +  | s <sub>c</sub> s <sub>c</sub> ss   |   |  |
| Dyce             |  | 091                                  | 71610 | 70031 | 94701 | 754//   | 52731                             | 82714  | 86618  |  | 091 | 81515                                | 59052 | 88602 | 7542//  | 53728                             | 82715  | 85622  | 86630  |     |                                   | 091                           | 97523  | 57   | +  | h <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                                |  |
| Lerwick          |  | 005                                  | 51620 | 82031 | 94604 | 58400   | 50714                             | 83815  |  |  | 005 | 41520                                | 80021 | 91103 | 48400   | 52709                             | 82815  |  |  |     | 005                               | 00031                         | 01   | +  | +  |   |  |
| Wick             |  | 075                                  | 71617 | 75021 | 92303 | 40958   | 51725                             | 84360  | 87270  |  | 075 | 21521                                | 80011 | 87403 | 25600   | 53724                             | 82635  |  |  |     | 075                               | 00021                         | 52   | +  | +  |   |  |
| Sule Skerry      |  | 010                                  | 81731 | 82022 | 90304 | 2551//  | 00729                             | 82620  | 88460  |  | 010 | 81726                                | 73022 | 86504 | 56374   | 03719                             | 85709  | 88460  |  |     | 010                               | 00021                         | 02   |  |  |   |  |
| Cape Wrath       |  | 049                                  | 82314 | 66777 | 87701 | 8062//  | 01736                             | 88540  |  |  | 049 | 81413                                | 66717 | 83702 | 8062//  | 51713                             | 88540  |  |  |     | 049                               | 92002                         | 52   | s <sub>c</sub> s <sub>c</sub>  | s <sub>c</sub> s <sub>c</sub>  |   |  |
| Stornoway        |  | 026                                  | 81724 | 60637 | 85804 | 853//   | 02636                             | 84708  | 88614  |  | 026 | 81417                                | 75258 | 81904 | 884//   | 01715                             | 84816  | 88625  |  |     | 026                               | 03021                         | 02   | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> r <sub>c</sub> rr <sub>c</sub>  | pr <sub>c</sub>  |   |  |
| Benbecula        |  | 022                                  | 81527 | 65617 | 83604 | 854//   | 03628                             | 83712  | 88617  |  | 022 | 81427                                | 65616 | 80303 | 854//   | 02616                             | 86710  | 88614  |  |     | 022                               | 06031                         | 02   | rsrrr <sub>c</sub> r <sub>c</sub>  | r <sub>c</sub> r <sub>c</sub> id <sub>c</sub> r <sub>c</sub>                 |   |  |
| Tiree            |  | 100                                  | 81737 | 56697 | 84604 | 873//   |                                   |  |  |  |     |                                      |       |       |   |                                   |  |  |  |     |                                   |                               |  |  |  |   |  |



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

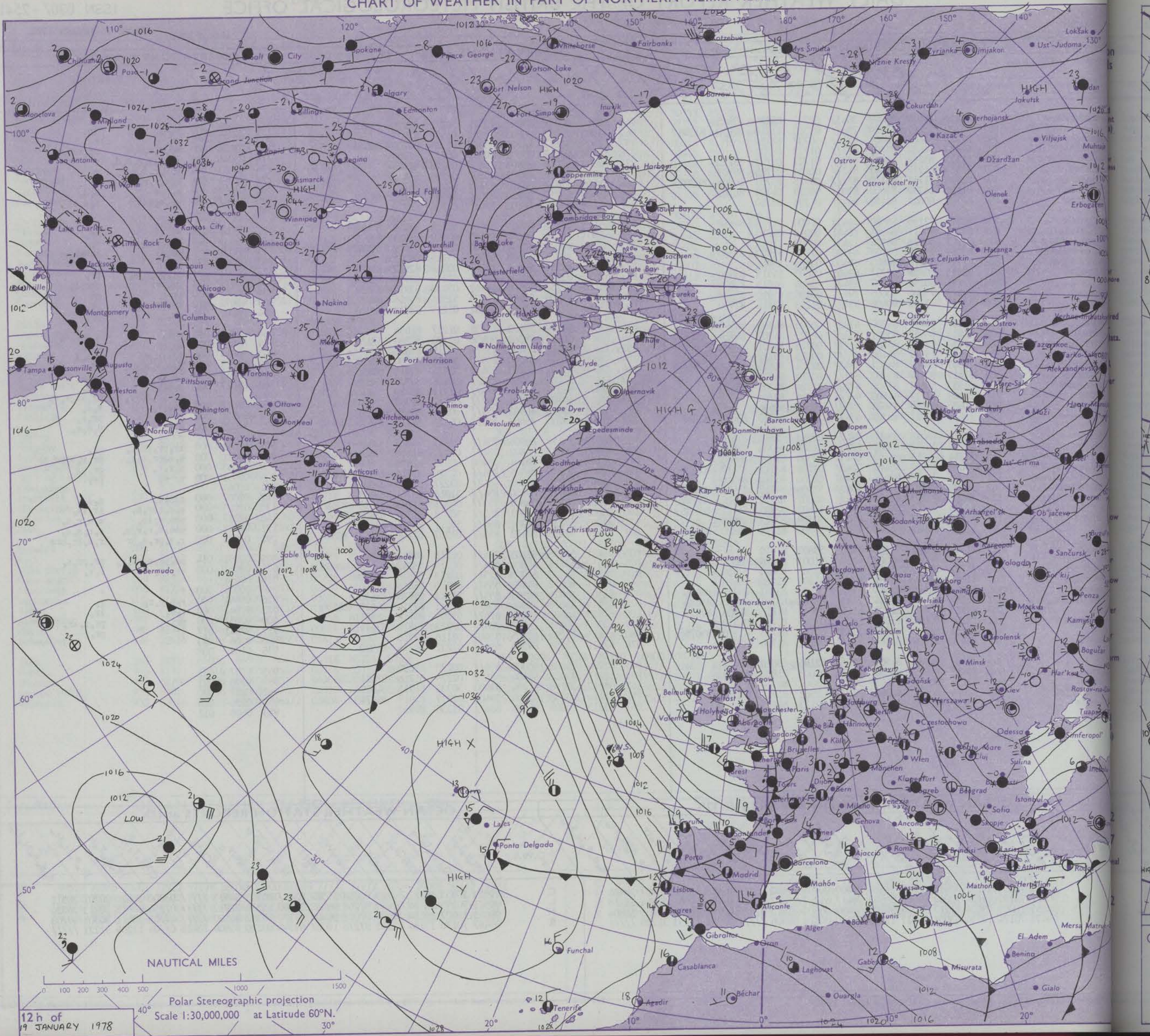
ISSN 0307-2541

Date of Issue FRIDAY 20 JANUARY 1978

| Code FM 11.V                                       |                  | OBSERVATIONS at 12h. |       |       |       |   |                    |  |  |  |       | OBSERVATIONS at 18h. |       |       |   |                    |  |  |  |       |       | OBSERVATIONS during DAY   |  |  |  |
|--|------------------|----------------------|-------|-------|-------|---|--------------------|--|--|--|-------|----------------------|-------|-------|---|--------------------|--|--|--|-------|-------|---|--|--|--|
|  |                  | 19 January 1978      |       |       |       |   |                    |  |  |  |       | 19 January 1978      |       |       |   |                    |  |  |  |       |       |   |  |  |  |
| Station  |                  | ill                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill   | Nddff                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill   | RRT   | T <sub>h</sub> E  | SSS  | WEATHER                                      |  |
|  |                  |                      |       |       |       |   |                    |  |  |  |       |                      |       |       |   |                    |  |  |  |       |       |   |  | 09h.—15h.                                    | 15h.—21h.  |
| SSSSe  | Boscombe Down    | 746                  | 52811 | 80017 | 86003 | 38432   | 01211              | 81814  | 83645  |  | 746   | 62310                | 80031 | 89401 | 23572   | 50217              | 82920  | 85070  |  | 746   | 92055 | 055   | r <sub>c</sub> s <sub>c</sub>  |  | jp   |
|  | Hurn             | 862                  | 52709 | 75017 | 87105 | 29477   | 03313              | 81710  | 81920  | 83358  | 862   | 32302                | 80018 | 90003 | 29503   | 01320              | 81925  |  |  | 862   | 97073 | 041   | pr <sub>c</sub>  |  | +  |
|  | Manston          | 797                  | 81725 | 56687 | 88901 | 87477   | 50737              | 88710  |  |  | 797   | 82809                | 30617 | 88701 | 85377   | 01314              | 81706  | 88650  |  | 797   | 03026 | 000   | ss <sub>c</sub> r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> s                             |  | ss <sub>c</sub> rsd <sub>c</sub> r <sub>c</sub>                              |
|  | Gatwick          | 776                  | 81613 | 50687 | 85801 | 87277   | 01733              | 88703  |  |  | 776   | 12408                | 60017 | 89301 | 10931   | 00227              | 81360  |  |  | 776   | 03046 | 016   | ss <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> d <sub>c</sub> |  | +  |
|  | Kew              | 775                  | 81513 | 65217 | 85402 | 87377   | 01727              | 86707  | 88710  |  | 775   | 12305                | 57056 | 88803 | 15602   | 01223              | 81645  |  |  | 775   | 92053 | 004   | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> r <sub>c</sub>  |  | +  |
|  | Heathrow         | 772                  | 81510 | 64217 | 85802 | 86277   | 01624              | 86705  | 88707  |  | 772   | 12206                | 59016 | 89203 | 15702   | 02224              | 81650  |  |  | 772   | 92051 | 006   | s <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> d <sub>c</sub> r <sub>c</sub>  |  | +  |
|  | Honington        | 586                  | 81418 | 11717 | 88100 | 87277   | 00725              | 83703  | 86704  | 88709  | 586   | 81406                | 12717 | 88200 | 87177   | 00210              | 88702  |  |  | 586   | 07007 | 000   | s <sub>c</sub> s <sub>c</sub> s  |  | s <sub>c</sub> s <sub>c</sub>  |
|  | Wattisham        | 590                  | 81522 | 14737 | 88600 | 87077   | 50828              | 84700  | 88705  |  | 590   | 81408                | 10717 | 88400 | 87077   | 50309              | 85701  | 88702  |  | 590   | 05007 | 000   | ss <sub>c</sub> s <sub>c</sub> ssf   |  | s <sub>c</sub> s <sub>c</sub> sf   |
| Gorleston  | 497              | 81730                | 60022 | 90102 | 86477 | 01726   | 88710              |  |  | 497  | 81518 | 58606                | 89102 | 87477 | 02306   | 88710              |  |  | 497  |       | 000   |   |  |  |  |
| rrr <sub>c</sub><br>r <sub>c</sub> pr <sub>c</sub> | Aberporth        | 502                  | 52817 | 72156 | 85905 | 48432   | 01006              | 81710  | 84818  |  | 502   | 63112                | 81252 | 88505 | 58402   | 02219              | 83812  | 84619  |  | 502   | 92061 | 054   | +  |  | pr <sub>c</sub>  |
|  | Filton           | 628                  | 22710 | 60017 | 86305 | 18441   | 02010              | 81815  |  |  | 628   | 42303                | 65030 | 89202 | 19463   | 00219              | 81915  | 83075  |  | 628   | 92061 | 040   | r <sub>c</sub> r <sub>c</sub> rr <sub>c</sub>  |  | jp   |
|  | Rhoose           | 715                  | 22812 | 66028 | 86506 | 12431   | 03008              | 81815  |  |  | 715   | 62206                | 80028 | 88604 | 43402   | 03216              | 81812  | 88818  | 81922  | 715   | 03071 | 037   | ph <sub>c</sub> r <sub>c</sub>   |  | phrpr <sub>c</sub> pr  |
|  | Hartland Point   | 703                  | 43018 | 75258 | 87305 | 49530   | 02107              | 81929  | 83830  |  | 703   | 62910                | 77818 | 88606 | 62541   | 03115              | 86825  |  |  | 703   | 02062 | 028   |  |  |  |
|  | Mount Batten     | 827                  | 62716 | 65878 | 88805 | 69400   | 02109              | 85915  |  |  | 827   | 52607                | 62258 | 90605 | 29403   | 03218              | 82912  | 83070  |  | 827   | 01071 | 033   | pr <sub>c</sub> ph <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                              |  | pr <sub>c</sub>  |
|  | St. Mawgan       | 817                  | 62513 | 58808 | 88707 | 69403   | 03003              | 84915  | 83820  |  | 817   | 52812                | 82258 | 90306 | 59403   | 02314              | 83912  | 83818  |  | 817   | 06071 | 033   | pr <sub>c</sub> phr  |  | phrpr <sub>c</sub>   |
|  | Scilly           | 804                  | 72721 | 80258 | 90307 | 69472   | 03804              | 86915  | 84075  |  | 804   | 73118                | 82258 | 92106 | 69462   | 03220              | 83914  | 85818  |  | 804   | 01082 | 030   | pr   |  | pr   |
|  | Quidrose         | 809                  | 72811 | 75808 | 90005 | 79477   | 03109              | 85910  | 83818  |  | 809   | 72911                | 75808 | 91205 | 59403   | 51314              | 83914  | 84072  |  | 809   | 93072 | 010   | ph <sub>c</sub> pr <sub>c</sub> ph <sub>c</sub>  |  | pr <sub>c</sub>  |
| Guernsey   | 894              | 62921                | 75258 | 90406 | 69477 | 01213   | 83816              | 82920  |  | 894  | 52616 | 80158                | 92405 | 59432 | 01215   | 83818              | 82920  |  | 894  | 94081 | 036   | ph <sub>c</sub> r <sub>c</sub> pr <sub>c</sub>                  |  | pr <sub>c</sub>                              |  |
| SSSe   | Elmdon           | 534                  | 81507 | 59717 | 84800 | 67227   | 00709              | 86703  | 88545  |  | 534   | 22306                | 59047 | 87602 | 15732   | 01217              | 81656  |  |  | 534   | 03037 | 010   | sss <sub>c</sub>   |  | s <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                  |
|  | Cardington       | 559                  | 81614 | 56687 | 85601 | 85377   | 00723              | 84707  | 84710  | 88620  | 559   | 72406                | 50107 | 88301 | 30938   | 01220              | 83360  | 87275  |  | 559   | 01025 | 000   | ss <sub>c</sub> s <sub>c</sub>   |  | d <sub>c</sub> s <sub>c</sub>  |
|  | Wittering        | 462                  | 91514 | 13717 | 86800 | 97777   | 00716              | 89/01  |  |  | 462   | 71802                | 07417 | 88450 | 75777   | 50219              | 87656  |  |  | 462   | 04017 | 000   | s <sub>c</sub> s <sub>c</sub> ss <sub>c</sub> s <sub>c</sub>                               |  | s <sub>c</sub> s <sub>c</sub> f  |
|  | Watnall          | 354                  | 91410 | 15717 | 85400 | 97777   | 00813              | 89/11  |  |  | 354   | 72606                | 08447 | 87900 | 10932   | 50321              | 81360  | 87070  |  | 354   | 03017 | 000   | ss <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> f                             |  | ff   |
|  | Shawbury         | 414                  | 72307 | 68027 | 84203 | 38437   | 02204              | 81814  | 83618  | 87362  | 414   | 72306                | 75152 | 87203 | 69473   | 02221              | 83915  | 84640  |  | 414   | 97063 | 007   | ss <sub>c</sub> r <sub>c</sub>   |  | pr <sub>c</sub> s <sub>c</sub>   |
|  | Fimbleley        | 360                  | 81417 | 30717 | 85100 | 87277   | 00714              | 84703  | 88705  |  | 360   | 71605                | 50107 | 86900 | 75277   | 00216              | 84705  | 87645  |  | 360   | 03017 | 000   | s <sub>c</sub> s <sub>c</sub> sf   |  | s <sub>c</sub> s <sub>c</sub>  |
|  | Spurn Point      | 396                  | 81533 | 50687 | 87502 | 47227   | 01724              | 84705  | 88550  |  | 396   | 81520                | 56237 | 87602 | 87477   | 01211              | 88710  |  |  | 396   |       | 000   | s <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> ir <sub>c</sub>                |  | ir <sub>c</sub> is <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                |
|  | Leeming          | 257                  | 91419 | 17717 | 84500 | 97777   | 00716              | 89/04  |  |  | 257   | 81512                | 40107 | 86201 | 86277   | 00217              | 88703  |  |  | 257   | 02017 | 000   | ss <sub>c</sub> s <sub>c</sub>   |  | s <sub>c</sub> s <sub>c</sub>  |
| Tynemouth  | 262              | 81635                | 69027 | 85603 | 85577 | 50610   | 88624              |  |  | 262  | 81821 | 61028                | 86502 | 85577 | 00315   | 88622              |  |  | 262  | 94031 | 000   | pr <sub>c</sub> s <sub>c</sub>                                  |  | pr <sub>c</sub> s <sub>c</sub>               |  |
| Carlisle   | 222              | 71410                | 62027 | 83302 | 45477 | 51806   | 81710              | 83625  | 85362  | 222  | 81902 | 59205                | 85602 | 55427 | 00323   | 82712              | 84630  | 88460  | 222  | 97025 | 000   | s <sub>c</sub> s <sub>c</sub> is <sub>c</sub>                   |  | d <sub>c</sub> d <sub>c</sub> s <sub>c</sub> |  |
| r <sub>c</sub><br>SSSe                             | Valley           | 302                  | 72914 | 78028 | 83405 | 78477   | 03013              | 82816  | 87656  |  | 302   | 73012                | 75258 | 86906 | 78477   | 03225              | 84815  | 87636  |  | 302   | 01061 | 000   | ir <sub>c</sub> pr <sub>c</sub> ph <sub>c</sub> r <sub>c</sub>                             |  | pr <sub>c</sub>  |
|  | Ringway          | 334                  | 81714 | 22737 | 83501 | 67227   | 01500              | 86704  | 88535  |  | 334   | 81805                | 59607 | 86802 | 78477   | 02220              | 81814  | 87616  | 88459  | 334   | 03031 | 000   | s <sub>c</sub> sshr <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                             |  | pr <sub>c</sub> r <sub>c</sub> s <sub>c</sub> pr <sub>c</sub> s <sub>c</sub> |
|  | Squires Gate     | 318                  | 72714 | 65217 | 81603 | 68437   | 02500              | 81817  | 86635  |  | 318   | 22102                | 40108 | 86101 | 28400   | 00223              | 81818  |  |  | 318   | 91045 | 000   | s <sub>c</sub> r <sub>c</sub> r <sub>c</sub>   |  | pr <sub>c</sub> jr <sub>c</sub>  |
|  | Ronaldsway       | 204                  | 82808 | 80617 | 82404 | 78427   | 02104              | 82713  | 83817  | 85630  | 204   | 73005                | 80036 | 86504 | 78477   | 02229              | 81714  | 84716  | 85657  | 204   | 05051 | 000   | rr-RS  |  | pr <sub>c</sub>  |
|  | Mull of Galloway | 131                  | 81505 | 74616 | 82403 | 37427   | 02306              | 83710  | 88520  |  | 131   | 81203                | 70216 | 86103 | 48427   | 03227              | 81815  | 83620  | 88459  | 131   | 01041 | 000   |  |  |  |
|  | Eskdalemuir      | 162                  | 81208 | 58717 | 84300 | 55427   | 52806              | 84712  | 85630  | 88458  | 162   | 80000                | 60717 | 86150 | 85477   | 51316              | 86711  | 88625  |  | 162   | 02007 | 000   | sss <sub>c</sub> s <sub>c</sub>  |  | s <sub>c</sub> s <sub>c</sub>  |
|  | Prestwick        | 135                  | 80908 | 40717 | 83101 | 65427   | 00802              | 82712  | 85620  | 88458  | 135   | 80902                | 50037 | 85801 | 75377   | 00221              | 81708  | 85615  | 87645  | 135   | 01025 | 000   | s <sub>c</sub> s <sub>c</sub> ssr <sub>c</sub> s <sub>c</sub>                              |  | ir <sub>c</sub> is <sub>c</sub>  |
|  | Abbotsinch       | 140                  | 80708 | 11717 | 84000 | 85277   | 50803              | 82705  | 85711  | 88622  | 140   | 80602                | 34047 | 85901 | 85277   | 50317              | 81704  | 83708  | 86614  | 140   | 02017 | 000   | ss <sub>c</sub> s <sub>c</sub> is <sub>c</sub>   |  | s <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                  |
| Leuchars   | 171              | 81416                | 66237 | 85402 | 85477 | 50709   | 87713              | 88645  |  | 171  | 81205 | 57237                | 86301 | 85477 | 50211   | 83616              | 88622  |  | 171  | 01033 | 000   | ss <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s< |  |  |  |

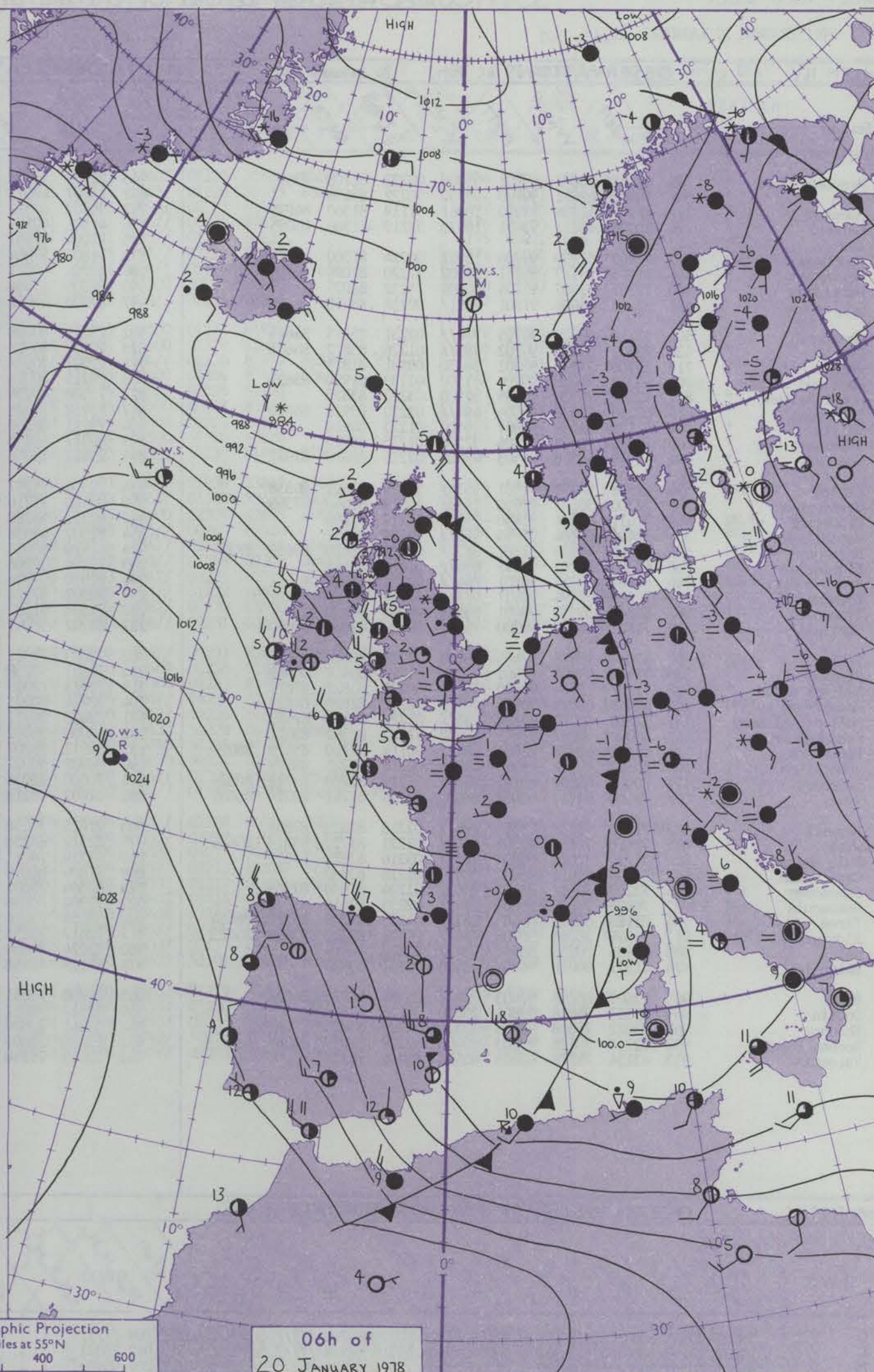
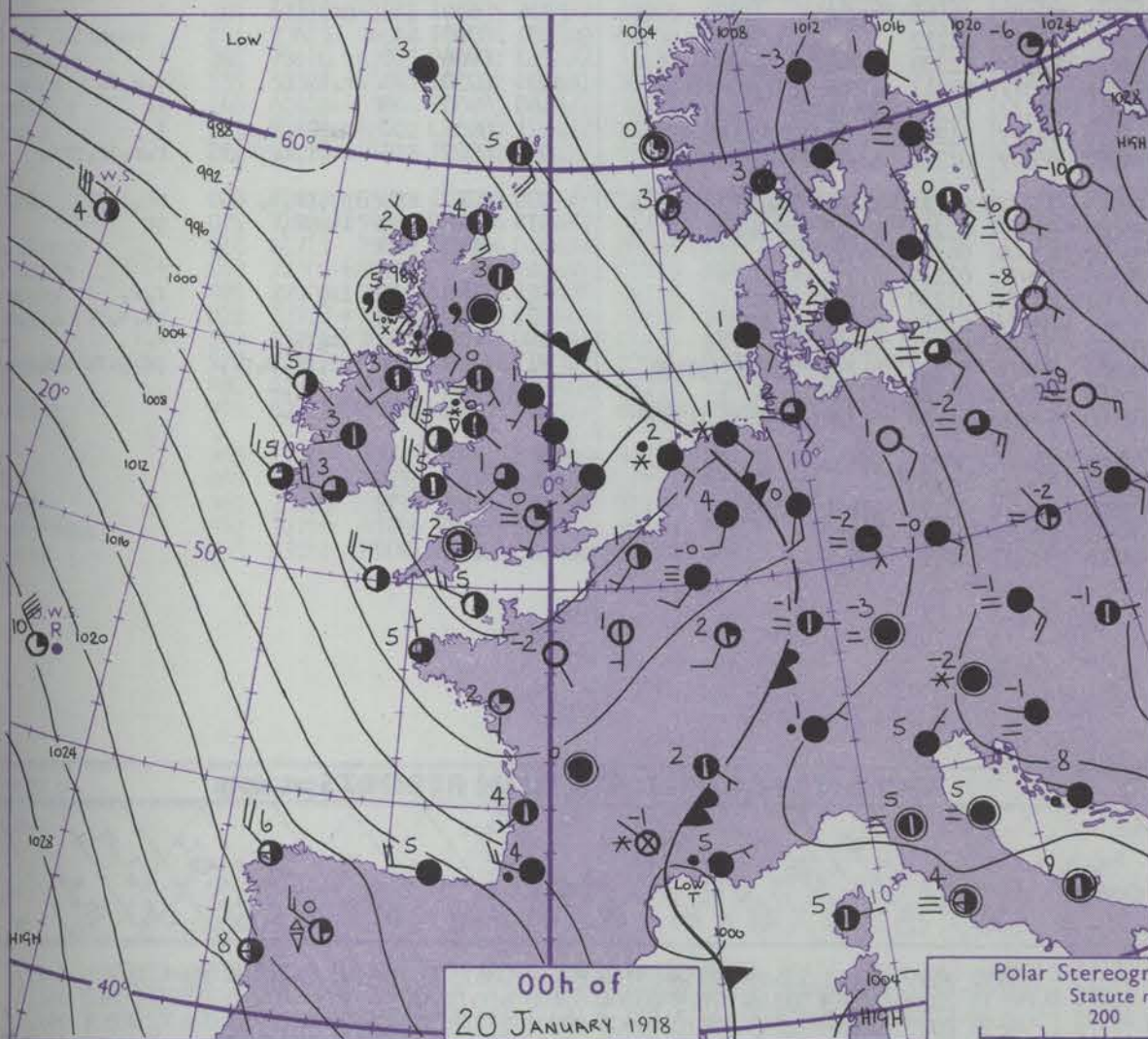
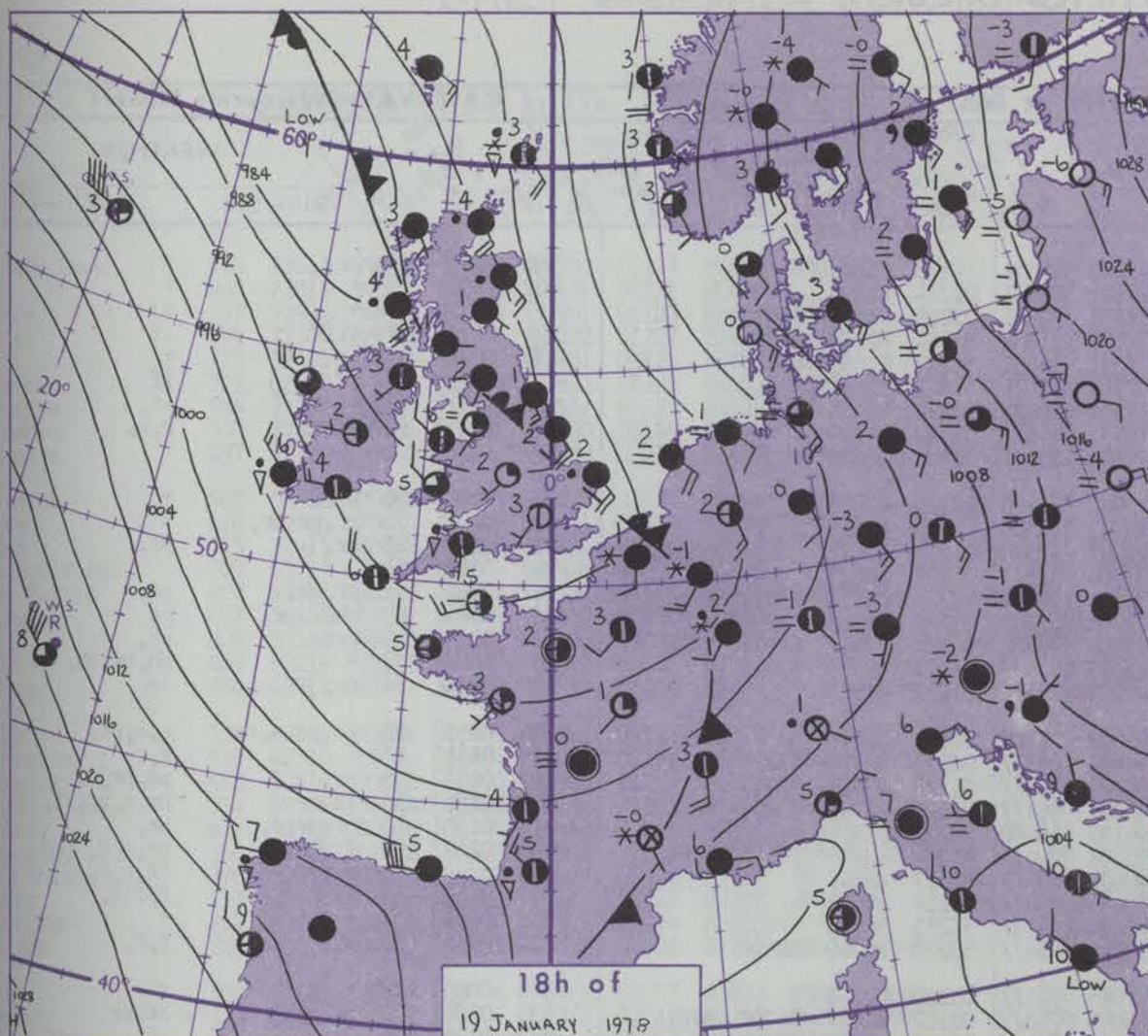


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

A depression about 300 miles southwest of Iceland has remained almost stationary but has filled slightly during the past 24 hours. Another depression northwest of Scotland has also filled but has moved southeast into southwest Scotland. An associated occluded trough from south Iceland across the Irish Sea to northwest France has moved east and now extends across Orkney to northern Germany. During the next 24 hours the trough over

eastern Britain and the southern North Sea will move away eastwards. A deepening, vigorous depression about 400 miles south of Greenland will move rather quickly northeast, expected 300 miles south of Iceland by tomorrow morning with its associated frontal system moving east into western parts of the British Isles by that time.

Issued at midday FRIDAY 20 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. |     |       |        |       |   |                                   |  |  |  | OBSERVATIONS at 06h. |       |        |       |   |                                   |  |  |  |     | OBSERVATIONS during NIGHT         |                               |  |   |   |                |  |  |  |  |
|----------------------|-----|-------|--------|-------|---|-----------------------------------|--|--|--|----------------------|-------|--------|-------|---|-----------------------------------|--|--|--|-----|-----------------------------------|-------------------------------|--|---|---|----------------|--|--|--|--|
| 20 January 1978      |     |       |        |       |   |                                   |  |  |  | 20 January 1978      |       |        |       |   |                                   |  |  |  |     |                                   |                               |  |   |   |                |  |  |  |  |
| Station              | iii | Nddff | VVwwWW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                  | Nddff | VVwwWW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER  |   | Station   |                |  |  |  |  |
|                      |     |       |        |       |   |                                   |  |  |  |                      |       |        |       |   |                                   |  |  |  |     |                                   |                               |  | 21h.—03h.   | 03h.—09h.   |                |  |  |  |  |
| Boscombe Down        | 746 | 62605 | 70801  | 93501 | 55302   | 00222                             | 81708  | 83650  |  | 746                  | 22908 | 70028  | 98200 | 15601   | 51223                             | 81635  |  |  |     | 746                               | 97005                         | 54   | pr <sub>c</sub>   | +   | Boscombe Down  |  |  |  |  |
| Hurn                 | 862 | 50000 | 62011  | 94100 | 55730   | 50222                             | 85650  |  |  | 862                  | 12807 | 62021  | 99101 | 00901   | 01224                             | 81075  |  |  |     | 862                               | 00513                         | 55   | +   | +   | Hurn           |  |  |  |  |
| Manston              | 797 | 42207 | 62036  | 93350 | 10961   | 51119                             | 81360  | 84075  |  | 797                  | 32307 | 60031  | 97351 | 10941   | 52220                             | 81362  | 83075  |  |     | 797                               | 00516                         | 54   | +   | +   | Manston        |  |  |  |  |
| Gatwick              | 776 | 30000 | 40111  | 93451 | 10932   | 52219                             | 81360  | 83075  |  | 776                  | 41801 | 40104  | 97753 | 25602   | 53224                             | 82645  | 83075  |  |     | 776                               | 00556                         | 57   | ffif  | if  | Gatwick        |  |  |  |  |
| Kew                  |     |       |        |       |   |                                   |  |  |  | 775                  | 62104 | 57101  | 97451 | 15602   | 51224                             | 81635  | 86075  |  |     | 775                               | 00543                         | 59   | +   | +   | Kew            |  |  |  |  |
| Heathrow             | 772 | 21903 | 57100  | 93700 | 10931   | 00224                             | 81360  |  |  | 772                  | 41805 | 57104  | 97751 | 15631   | 51323                             | 81630  |  |  | 772 | 00523                             | 55                            | if   | if  | Heathrow  |                |  |  |  |  |
| Honington            | 586 | 22105 | 35107  | 91851 | 00902   | 51220                             | 82070  |  |  | 586                  | 82206 | 40211  | 95801 | 80927   | 51220                             | 88458  |  |  | 586 | 97527                             | 57                            | +  | ir <sub>c</sub>   | ir <sub>c</sub>   | Honington      |  |  |  |  |
| Wattisham            | 590 | 12307 | 02487  | 92754 | 00901   | 55122                             | 81075  |  |  | 590                  | 82306 | 25604  | 96551 | 85677   | 51320                             | 88640  |  |  | 590 | 93557                             | 60                            | ffif   | re <sub>c</sub> re <sub>c</sub>                                 | re <sub>c</sub> re <sub>c</sub>                                 | Wattisham      |  |  |  |  |
| Gorleston            | 497 | 82405 | 48016  | 91801 | 80917   | 00218                             | 88458  |  |  | 497                  | 82308 | 48052  | 95801 | 85577   | 01221                             | 88620  |  |  | 497 |                                   |                               |  |   |   | Gorleston      |  |  |  |  |
| Aberporth            | 502 | 73118 | 80028  | 94705 | 78477   | 02231                             | 85815  | 84625  |  | 502                  | 23019 | 80018  | 99905 | 22400   | 02226                             | 82815  |  |  | 502 | 91041                             | 50                            | ph <sub>c</sub> pr <sub>c</sub>                    | +   | +   | Aberporth      |  |  |  |  |
| Filton               | 628 | 72603 | 80038  | 94102 | 78577   | 01226                             | 83822  | 86645  |  | 628                  | 12807 | 80028  | 98803 | 18500   | 01224                             | 81822  |  |  | 628 | 01021                             | 51                            | pr <sub>c</sub> pr <sub>c</sub> pr <sub>c</sub>    | +   | +   | Filton         |  |  |  |  |
| Rhoose               | 715 | 32706 | 75018  | 94301 | 38430   | 00131                             | 81815  |  |  | 715                  | 22607 | 70038  | 99602 | 15530   | 01225                             | 81625  |  |  | 715 | 95011                             | 52                            | pr <sub>c</sub>                                    | pr <sub>c</sub>   | pr <sub>c</sub>   | Rhoose         |  |  |  |  |
| Hartland Point       | 703 | 43312 | 79028  | 95206 | 43500   | 01233                             | 81920  | 83825  |  | 703                  | 63215 | 80018  | 00606 | 62577   | 01229                             | 86825  |  |  | 703 | 02051                             | 01                            |  |   |   | Hartland Point |  |  |  |  |
| Mount Batten         | 827 | 32806 | 70258  | 96005 | 32500   | 03233                             | 83825  |  |  | 827                  | 73508 | 80258  | 01404 | 79477   | 02225                             | 84918  | 87629  |  | 827 | 02031                             | 51                            | pr <sub>c</sub> ph <sub>c</sub>                    | pr <sub>c</sub>   | pr <sub>c</sub>   | Mount Batten   |  |  |  |  |
| St. Mawgan           | 817 | 63216 | 80038  | 96606 | 69477   | 02232                             | 83918  | 84820  |  | 817                  | 53218 | 75028  | 02206 | 52400   | 02229                             | 85818  |  |  | 817 | 96041                             | 02                            | ph <sub>c</sub> re <sub>c</sub> pr <sub>c</sub>    | pr <sub>c</sub>   | pr <sub>c</sub>   | St. Mawgan     |  |  |  |  |
| Scilly               | 804 | 43122 | 82258  | 98907 | 49400   | 01233                             | 84914  |  |  | 804                  | 73221 | 82258  | 04106 | 32402   | 00224                             | 83817  | 87075  |  | 804 | 01051                             | 03                            | prpr <sub>c</sub>                                  | pr <sub>c</sub>   | pr <sub>c</sub>   | Scilly         |  |  |  |  |
| Culdrose             | 809 | 33314 | 70028  | 97506 | 32500   | 01235                             | 83820  |  |  | 809                  | 83317 | 65258  | 02705 | 89477   | 02227                             | 83915  | 85820  |  | 809 | 01032                             | 51                            | +  | ph <sub>c</sub> pr <sub>c</sub> ph <sub>c</sub>                 | ph <sub>c</sub> pr <sub>c</sub> ph <sub>c</sub>                 | Culdrose       |  |  |  |  |
| Guernsey             | 894 | 42916 | 84018  | 95505 | 49503   | 02216                             | 82820  | 82922  |  | 894                  | 23017 | 83018  | 01005 | 29500   | 01225                             | 81925  |  |  | 894 | 92031                             | 50                            | pr <sub>c</sub>                                    | jp  | jp  | Guernsey       |  |  |  |  |
| Elmdon               | 534 | 62306 | 56251  | 91901 | 15557   | 51219                             | 81622  | 86358  |  | 534                  | 22506 | 75257  | 96002 | 28400   | 01318                             | 81818  |  |  | 534 | 03517                             | 55                            | pr <sub>c</sub> pr <sub>c</sub> se <sub>c</sub> rs | re <sub>c</sub> se <sub>c</sub> pr <sub>c</sub>                 | re <sub>c</sub> se <sub>c</sub> pr <sub>c</sub>                 | Elmdon         |  |  |  |  |
| Cardington           | 559 | 72306 | 50101  | 92450 | 15637   | 50219                             | 81640  | 87365  |  | 559                  | 82406 | 57216  | 96601 | 85377   | 00122                             | 82708  | 83619  | 88629  | 559 | 94515                             | 57                            | +  | re <sub>c</sub> r   | re <sub>c</sub> r   | Cardington     |  |  |  |  |
| Wittering            | 462 | 72611 | 45104  | 91850 | 75777   | 51217                             | 87656  |  |  | 462                  | 82711 | 58268  | 95701 | 85377   | 01219                             | 83707  | 88645  |  | 462 | 01527                             | 56                            | pr <sub>c</sub>                                    | ps <sub>c</sub> pr <sub>c</sub> se <sub>c</sub>                 | ps <sub>c</sub> pr <sub>c</sub> se <sub>c</sub>                 | Wittering      |  |  |  |  |
| Watnall              | 354 | 72403 | 18104  | 91850 | 55617   | 50119                             | 85632  |  |  | 354                  | 82507 | 45838  | 95701 | 88177   | 01320                             | 81702  | 83809  | 88612  | 354 | 01507                             | 53                            | ff   | pr <sub>c</sub> se <sub>c</sub> pr <sub>c</sub> ir <sub>c</sub> | pr <sub>c</sub> se <sub>c</sub> pr <sub>c</sub> ir <sub>c</sub> | Watnall        |  |  |  |  |
| Shawbury             | 414 | 72506 | 80038  | 92101 | 38537   | 00224                             | 81820  | 83635  | 87362  | 414                  | 42410 | 80018  | 96102 | 48400   | 00221                             | 81818  | 84630  |  | 414 | 01501                             | 53                            | prspr <sub>c</sub> se <sub>c</sub>                 | pr <sub>c</sub>   | pr <sub>c</sub>   | Shawbury       |  |  |  |  |
| Finningley           | 360 | 62303 | 18104  | 90151 | 65677   | 51115                             | 86645  |  |  | 360                  | 72206 | 30268  | 93501 | 78477   | 01214                             | 83815  | 84630  | 87645  | 360 | 02547                             | 57                            | ff   | pr <sub>c</sub> se <sub>c</sub> re <sub>c</sub>                 | pr <sub>c</sub> se <sub>c</sub> re <sub>c</sub>                 | Finningley     |  |  |  |  |
| Spurn Point          | 396 | 81804 | 60027  | 90801 | 85677   | 00215                             | 88630  |  |  | 396                  | 82510 | 57606  | 93602 | 85677   | 01217                             | 88648  |  |  | 396 |                                   |                               | re <sub>c</sub> se <sub>c</sub>                    | ir <sub>c</sub> re <sub>c</sub> re <sub>c</sub>                 | ir <sub>c</sub> re <sub>c</sub> re <sub>c</sub>                 | Spurn Point    |  |  |  |  |
| Leeming              | 257 | 92106 | 01494  | 90651 | 97777   | 51119                             | 89777  |  |  | 257                  | 82102 | 07424  | 93451 | 85477   | 51214                             | 88618  |  |  | 257 | 92527                             | 53                            | FF   | FFff <sub>c</sub>   | FFff <sub>c</sub>   | Leeming        |  |  |  |  |
| Tynemouth            | 262 | 62302 | 39052  | 90401 | 65677   | 00218                             | 86630  |  |  | 262                  | 72808 | 61022  | 93400 | 45627   | 51215                             | 84635  | 87458  |  | 262 | 00513                             | 51                            | +  | +   | +   | Tynemouth      |  |  |  |  |
| Carlisle             | 222 | 71603 | 56107  | 90300 | 75677   | 50120                             | 82632  | 87640  |  | 222                  | 80702 | 58047  | 92901 | 85477   | 50213                             | 86710  | 88620  |  | 222 | 97515                             | 53                            | se   | re <sub>c</sub> se <sub>c</sub>                                 | re <sub>c</sub> se <sub>c</sub>                                 | Carlisle       |  |  |  |  |
| Valley               | 302 | 43018 | 75018  | 92605 | 48400   | 03228                             | 82814  | 83657  |  | 302                  | 73023 | 75031  | 97005 | 72477   | 03220                             | 87816  |  |  | 302 | 00051                             | 02                            | +  | +   | +   | Valley         |  |  |  |  |
| Ringway              | 334 | 71906 | 45108  | 91402 | 78477   | 01220                             | 83812  | 86640  |  | 334                  | 72607 | 50258  | 94803 | 75377   | 02117                             | 82707  | 84709  | 87614  | 334 | 05011                             | 0                             |  |   |   |                |  |  |  |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

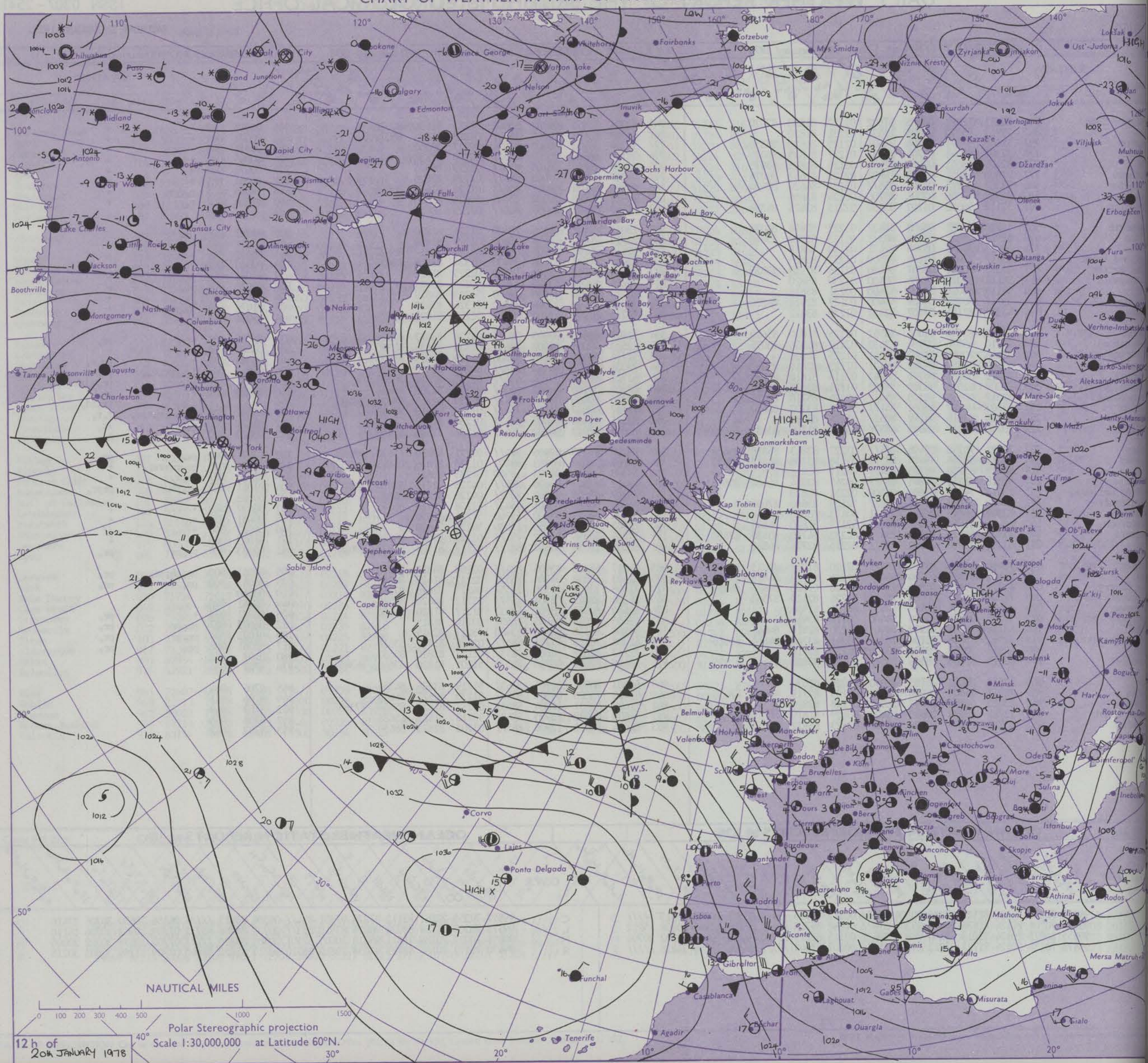
No. 42429

Date of Issue SATURDAY 21 JANUARY 1978

| Code FM II.V     |     | OBSERVATIONS at 12h. 20 January 1978 |       |       |                                   |                                   |  |  |  |     |       | OBSERVATIONS at 18h. 20 January 1978 |       |                                   |                                   |  |  |  |     |                      |       | OBSERVATIONS during DAY  |                                   |                                 |  |  |
|------------------|-----|--------------------------------------|-------|-------|-----------------------------------|-----------------------------------|--|--|--|-----|-------|--------------------------------------|-------|-----------------------------------|-----------------------------------|--|--|--|-----|----------------------|-------|--|-----------------------------------|---------------------------------|--|--|
| Station          | ill | Nddff                                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff | VVwwW                                | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | RRT x T <sub>E</sub> | SSS   | WEATHER  |                                   |                                 |  |  |
|                  |     |                                      |       |       |                                   |                                   |  |  |  |     |       |                                      |       |                                   |                                   |  |  |  |     |                      |       | 09h.—15h.  | 15h.—21h.                         |                                 |  |  |
| Boscombe Down    | 746 | 32811                                | 78011 | 04305 | 11502                             | 01127                             | 81820  | 83070  |  | 746 | 52711 | 75011                                | 09103 | 15602                             | 01225                             | 81630  | 84072  |  | 746 | 00065                | 042   | +  | +                                 |                                 |  |  |
| Hurn             | 862 | 22913                                | 75010 | 05606 | 11531                             | 02231                             | 81820  |  |  | 862 | 62709 | 60031                                | 10205 | 15631                             | 01228                             | 81635  | 85075  |  | 862 | 00071                | 064   | +  | +                                 |                                 |  |  |
| Manston          | 797 | 52606                                | 57051 | 03104 | 35501                             | 02125                             | 81620  | 83650  |  | 797 | 32310 | 57051                                | 08302 | 30951                             | 00227                             | 83360  |  |  | 797 | 00075                | 063   | +  | +                                 |                                 |  |  |
| Gatwick          | 776 | 72307                                | 59041 | 03704 | 11432                             | 01227                             | 81815  | 86075  |  | 776 | 72109 | 64031                                | 08502 | 756//                             | 00226                             | 87630  |  |  | 776 | 00065                | 055   | +  | +                                 |                                 |  |  |
| Kew              | 775 | 32405                                | 58051 | 03405 | 11401                             | 02126                             | 81815  | 83075  |  | 775 | 62406 | 70011                                | 08205 | 655//                             | 01229                             | 86625  |  |  | 775 | 00071                | 068   | +  | +                                 |                                 |  |  |
| Heathrow         | 772 | 62608                                | 62011 | 03705 | 15832                             | 02127                             | 81657  | 86075  |  | 772 | 72509 | 70021                                | 08405 | 755//                             | 02229                             | 87625  |  |  | 772 | 00061                | 065   | +  | +                                 |                                 |  |  |
| Honington        | 586 | 72307                                | 59215 | 01302 | 755//                             | 01125                             | 84626  | 87634  |  | 586 | 62109 | 58031                                | 06002 | 656/1                             | 01226                             | 81630  | 86656  |  | 586 | 97046                | 033   | r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>   | +                                 |                                 |  |  |
| Wattisham        | 590 | 32309                                | 46056 | 02001 | 35700                             | 00124                             | 83656  |  |  | 590 | 11911 | 70011                                | 06602 | 15702                             | 50225                             | 81650  |  |  | 590 | 91037                | 042   | r <sub>c</sub>   | +                                 |                                 |  |  |
| Corleston        | 497 | 52112                                | 56052 | 01202 | 25530                             | 02215                             | 82625  | 84358  |  | 497 | 81910 | 58021                                | 06003 | 855//                             | 01225                             | 88625  |  |  | 497 |                      | 032   |  |                                   |                                 |  |  |
| Aberporth        | 502 | 52920                                | 70031 | 05605 | 38432                             | 01227                             | 82818  | 84075  |  | 502 | 23018 | 82018                                | 10105 | 28500                             | 01224                             | 81820  |  |  | 502 | 97061                | 020   | pr <sub>c</sub>  | +                                 |                                 |  |  |
| Filton           | 628 | 62915                                | 70011 | 04406 | 68531                             | 01123                             | 81820  | 85640  |  | 628 | 22712 | 70011                                | 09504 | 28400                             | 01229                             | 81818  |  |  | 628 | 00071                | 021   | +  | +                                 |                                 |  |  |
| Rhoose           | 715 | 32915                                | 70038 | 05305 | 21431                             | 02130                             | 82818  |  |  | 715 | 62614 | 70011                                | 09905 | 684//                             | 02130                             | 82817  | 86624  |  | 715 | 00071                | 049   | +  | +                                 |                                 |  |  |
| Hartland Point   | 703 | 63217                                | 72022 | 07106 | 62500                             | 01227                             | 86825  |  |  | 703 | 33213 | 80011                                | 11006 | 38400                             | 01324                             | 81818  | 83635  |  | 703 | 00060                | 052   |  |                                   |                                 |  |  |
| Mount Batten     | 827 | 43316                                | 80251 | 08007 | 39480                             | 02128                             | 81918  | 83825  |  | 827 | 12809 | 80011                                | 12405 | 18500                             | 01225                             | 81820  |  |  | 827 | 92081                | 058   | pr <sub>c</sub>  | +                                 |                                 |  |  |
| St. Mawgan       | 817 | 53117                                | 82022 | 09006 | 58500                             | 01230                             | 85820  |  |  | 817 | 33214 | 82022                                | 13105 | 32500                             | 00223                             | 83825  |  |  | 817 | 97071                | 046   | ph <sub>c</sub>  | +                                 |                                 |  |  |
| Scilly           | 804 | 53119                                | 80028 | 10807 | 52400                             | 00231                             | 85818  |  |  | 804 | 43113 | 80028                                | 14606 | 42400                             | 51223                             | 84818  |  |  | 804 | 91071                | 053   | pr <sub>c</sub>  | +                                 |                                 |  |  |
| Guldrose         | 809 | 53217                                | 70158 | 09007 | 59400                             | 00127                             | 82918  | 84820  |  | 809 | 33210 | 65018                                | 13804 | 32500                             | 51326                             | 83820  |  |  | 809 | 91071                | 048   | ph <sub>c</sub> pr <sub>c</sub>  | +                                 |                                 |  |  |
| Guernsey         | 894 | 43317                                | 82151 | 07607 | 32532                             | 01230                             | 83822  |  |  | 894 | 13215 | 81018                                | 12805 | 19503                             | 51230                             | 81822  | 81925  |  | 894 | 97071                | 048   | pr <sub>c</sub>  | +                                 |                                 |  |  |
| Elmdon           | 534 | 42512                                | 65038 | 01604 | 38562                             | 01125                             | 81820  | 83640  |  | 534 | 72707 | 60808                                | 07003 | 784//                             | 01236                             | 83817  | 87630  |  | 534 | 91056                | 031   | pr <sub>c</sub>  | pr <sub>c</sub>                   |                                 |  |  |
| Cardington       | 559 | 42510                                | 65036 | 02104 | 12632                             | 02227                             | 81830  | 83075  |  | 559 | 62613 | 70011                                | 07003 | 3563//                            | 01333                             | 83635  | 86360  |  | 559 | 00063                | 058   | +  | +                                 |                                 |  |  |
| Wittering        | 462 | 32614                                | 70018 | 01003 | 28501                             | 01225                             | 81820  |  |  | 462 | 52716 | 65218                                | 05803 | 58400                             | 02329                             | 82815  | 84635  |  | 462 | 91045                | 039   | +  | pr <sub>c</sub> r <sub>c</sub>    |                                 |  |  |
| Watnall          | 354 | 62509                                | 56048 | 00303 | 58431                             | 01123                             | 82815  | 85627  |  | 354 | 73006 | 56048                                | 05703 | 755//                             | 00240                             | 87620  |  |  | 354 | 94047                | 007   | ir <sub>c</sub> r <sub>c</sub> pr <sub>c</sub> d <sub>c</sub>  | pr <sub>c</sub> r <sub>c</sub>    |                                 |  |  |
| Shawbury         | 414 | 52412                                | 80038 | 00705 | 38443                             | 02116                             | 81818  | 83635  |  | 414 | 62711 | 66258                                | 07104 | 684//                             | 02230                             | 82816  | 86645  |  | 414 | 03071                | 026   | pr <sub>c</sub>  | pr <sub>c</sub> r <sub>c</sub> rr |                                 |  |  |
| Finningley       | 360 | 72309                                | 62028 | 98303 | 55502                             | 01121                             | 83622  | 85645  | 86070  | 360 | 82905 | 30106                                | 04602 | 853//                             | 01244                             | 82708  | 88614  |  | 360 | 92035                | 001   | +  | rr <sub>c</sub>                   |                                 |  |  |
| Spurn Point      | 396 | 82312                                | 40616 | 98203 | 854//                             | 02224                             | 85710  | 88620  |  | 396 | 83310 | 60606                                | 03603 | 5542//                            | 02235                             | 82715  | 85625  | 88460  |     | 396                  |       |  | ir <sub>c</sub> d <sub>c</sub>    |                                 |  |  |
| Leeming          | 257 | 83502                                | 08687 | 98001 | 851//                             | 50222                             | 83702  | 88650  |  | 257 | 72707 | 40047                                | 04302 | 754//                             | 01232                             | 84613  | 87650  |  | 257 | 01037                | 000   | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> | r <sub>c</sub> r <sub>c</sub>     |                                 |  |  |
| Tynemouth        | 262 | 83210                                | 23616 | 98102 | 8052//                            | 01224                             | 88525  |  |  | 262 | 83211 | 61606                                | 04002 | 8062//                            | 01230                             | 88530  |  |  | 262 | 01032                | 000   | rrr <sub>c</sub> r <sub>c</sub>  | ir <sub>c</sub>                   |                                 |  |  |
| Carlisle         | 222 | 70206                                | 60017 | 98602 | 6537//                            | 00132                             | 81709  | 83635  | 86656  | 222 | 72805 | 57042                                | 05202 | 756//                             | 01231                             | 83636  | 87656  |  | 222 | 00023                | 000   | +  | +                                 |                                 |  |  |
| Valley           | 302 | 73121                                | 70258 | 02406 | 784//                             | 03227                             | 83813  | 85818  | 86636  | 302 | 73117 | 66258                                | 07906 | 744//                             | 03221                             | 82816  | 85630  | 87650  |     | 302                  | 97071 | 002  | pr <sub>c</sub>                   | pr <sub>c</sub>                 |  |  |
| Ringway          | 334 | 82515                                | 58258 | 99404 | 883//                             | 03118                             | 83708  | 86812  | 88635  | 334 | 63107 | 58037                                | 06203 | 68402                             | 01238                             | 81816  | 86645  |  | 334 | 03051                | 003   | pr <sub>c</sub> pr <sub>c</sub> rrr <sub>c</sub> r <sub>c</sub>  | pr <sub>c</sub>                   |                                 |  |  |
| Squires Gate     | 318 | 83017                                | 65258 | 98305 | 884//                             | 04217                             | 81812  | 87815  |  | 318 | 13308 | 60016                                | 06003 | 18500                             | 01235                             | 81825  |  |  | 318 | 91065                | 007   | pr <sub>c</sub> r <sub>c</sub>   | +                                 |                                 |  |  |
| Ronaldsway       | 204 | 63318                                | 81251 | 01305 | 685//                             | 00245                             | 83824  | 84640  | 85656  | 204 | 73012 | 62802                                | 06606 | 794//                             | 04228                             | 82712  | 83916  | 85822  |     | 204                  | 01061 | 005  | pr <sub>c</sub> ph <sub>c</sub>   | pr <sub>c</sub> pr <sub>c</sub> |  |  |
| Hull of Galloway | 131 | 23615                                | 74018 | 01004 | 28500                             | 02251                             | 81820  |  |  | 131 | 73317 | 62606                                | 06205 | 2852//                            | 04226                             | 81820  | 86525  |  | 131 | 04062                |       |  |                                   |                                 |  |  |
| Eskdalemuir      | 162 | 73410                                | 62022 | 99601 | 756//                             | 52133                             | 85640  | 87656  |  | 162 | 70000 | 60052                                | 05101 | 6543//                            | 51228                             | 84717  | 86645  |  | 162 | 00027                | 009   | +  | +                                 |                                 |  |  |
| Prestwick        | 135 | 53307                                | 56045 | 01002 | 35631                             | 50133                             | 83630  |  |  | 135 | 20000 | 56041                                | 05500 | 15740                             | 51224                             | 81650  |  |  | 135 | 00051                | 038   | +  | +                                 |                                 |  |  |
| Abbotsinch       | 140 | 62405                                | 65044 | 00401 | 685//                             | 52129                             | 81820  | 86645  |  | 140 | 22602 | 57041                                | 05253 | 15630                             | 54224                             | 81630  |  |  | 140 | 00027                | 008   | +  | jf                                |                                 |  |  |
| Leuchars         | 171 | 73505                                | 58602 | 99802 | 754//                             | 01232                             | 84710  | 83630  | 87650  | 171 | 72206 | 60056                                | 04002 | 754//                             | 01220                             | 85618  | 85650  |  | 171 | 91033                | 000   | r <sub>c</sub>   | +                                 |                                 |  |  |
| Dyce             | 091 | 83203                                | 35818 | 00302 | 882//                             | 02226                             | 82704  | 86812  |  | 091 | 83108 | 28058                                | 03802 | 882//                             | 01117                             | 81705  | 86822  | 88640  |     | 091                  | 02033 | 000  | pr <sub>c</sub> pr                | pr <sub>c</sub>                 |  |  |
| Lerwick          | 005 | 71418                                | 65028 | 03905 | 734//                             | 02120                             | 81912  | 83815  | 87630  | 005 | 81217 | 58808                                | 05905 | 884//                             | 02108                             | 84815  | 88630  |  | 005 | 02051                | 000   | pr <sub>c</sub> ph <sub>c</sub> pr <sub>c</sub>  | pr <sub>c</sub>                   |                                 |  |  |
| Wick             | 075 | 71608                                | 59808 | 01604 | 6847//                            | 01226                             | 82710  | 84814  | 85640  | 075 | 61403 | 58058                                | 04304 | 3553//                            | 02212                             | 81620  | 86359  |  | 075 | 94053                | 000   | pr <sub>c</sub>  | pr <sub>c</sub>                   |                                 |  |  |
| Sule Skerry      | 010 | 61711                                | 75012 | 01806 | 4855//                            | 04228                             | 81820  | 84625  | 86358  | 010 | 71608 | 73032                                | 04506 | 2555//                            | 04215                             | 826  |  |  |     |                      |       |  |                                   |                                 |  |  |

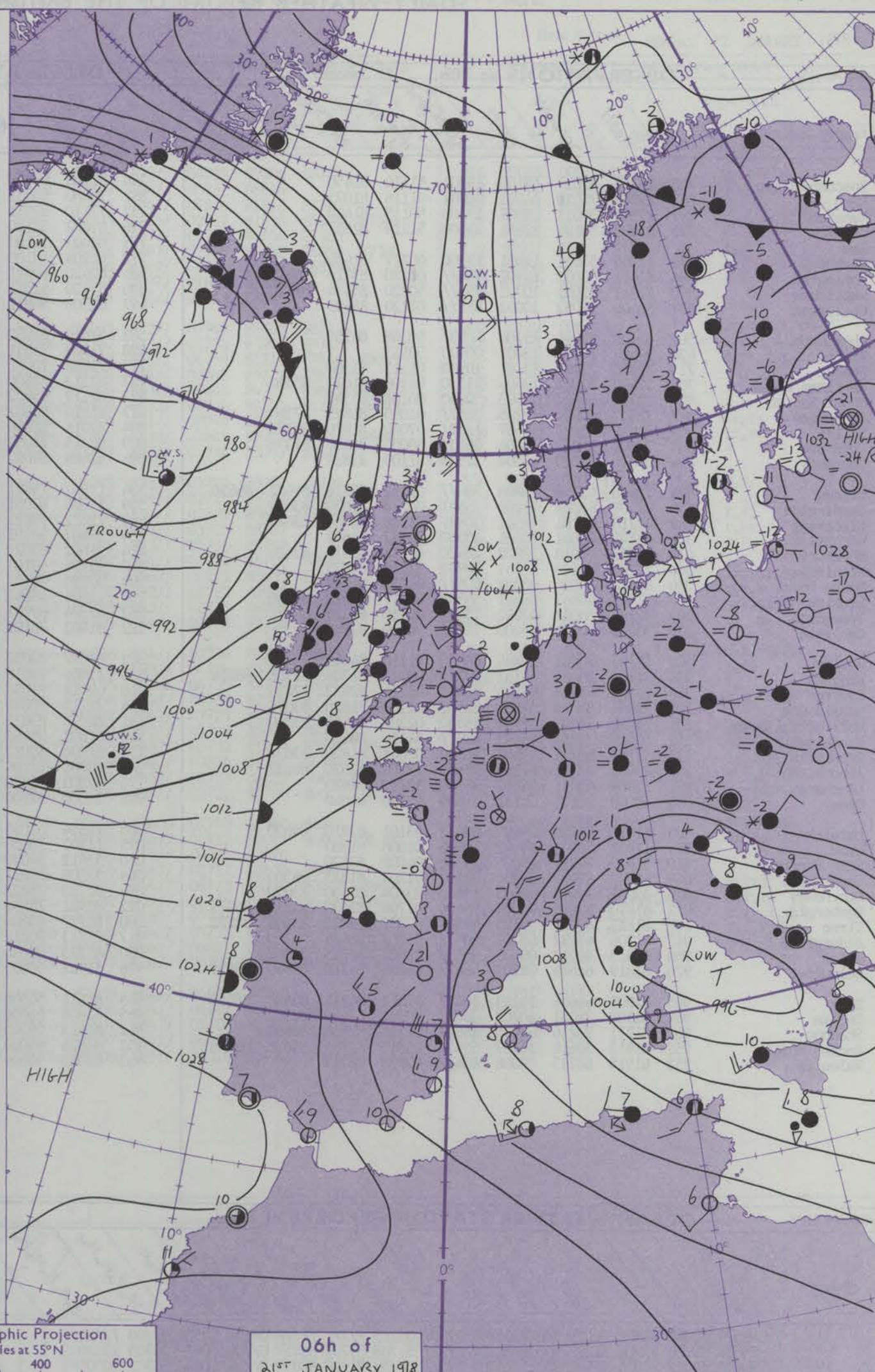
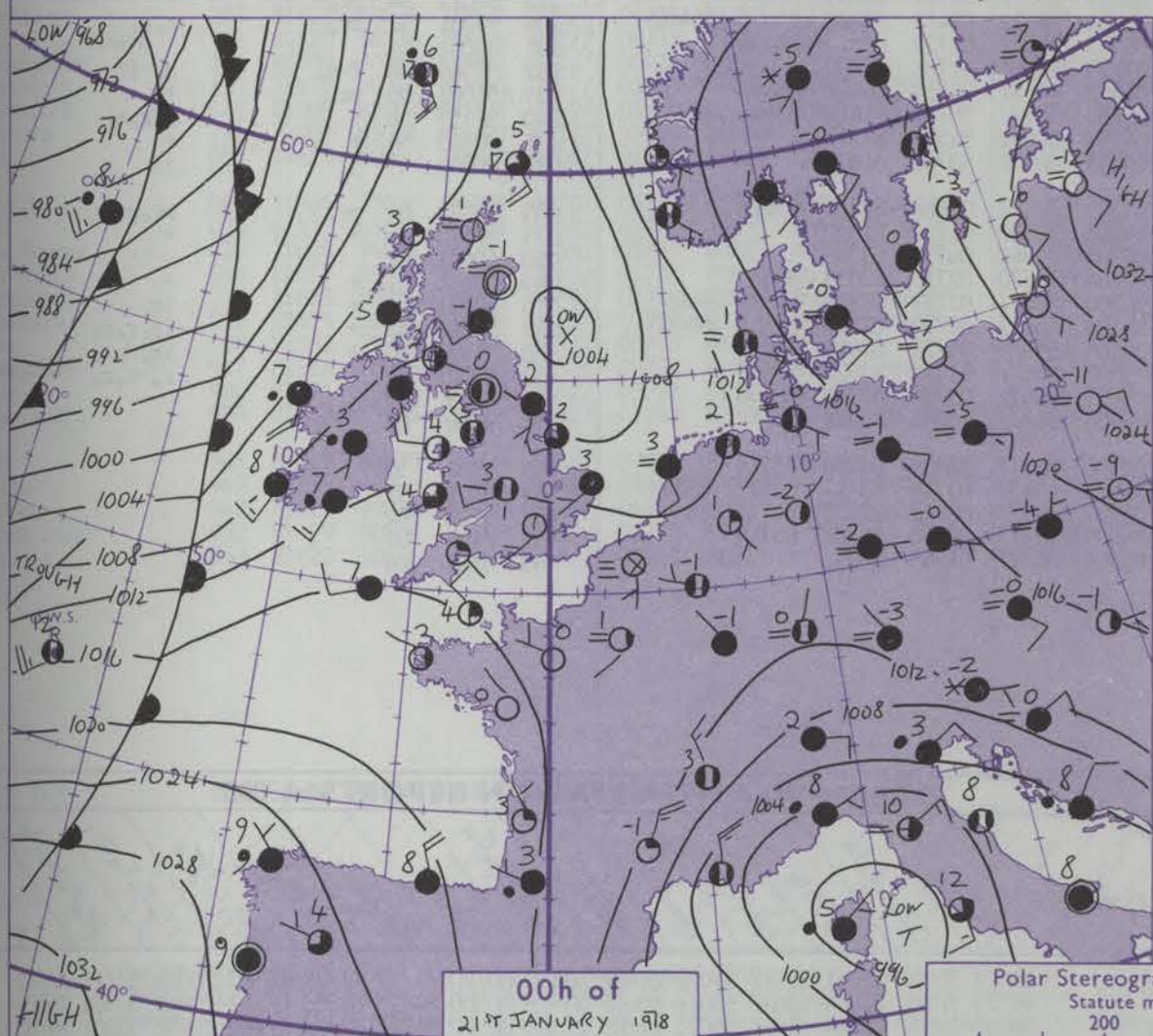
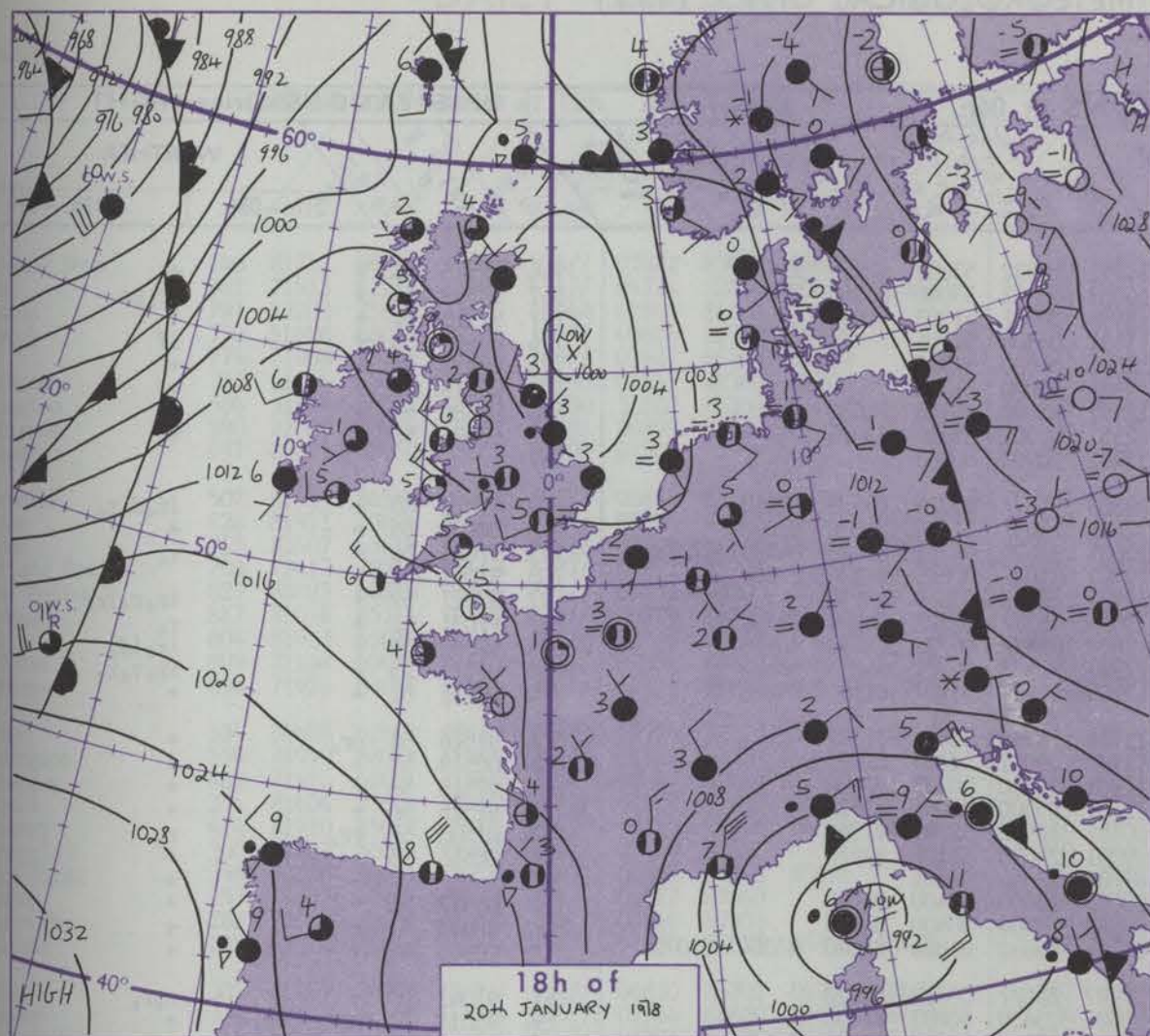


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a trough of low pressure from south Iceland to the southern North Sea, with low centres near the Faeroes and off the coast of northeast England has filled slowly. A weak ridge of high pressure moved east across the country ahead of frontal troughs in the Atlantic, also moving east. During the next 24 hours, a strong

southerly flow is expected over all districts with the Atlantic fronts moving east into the North Sea. A depression is expected to develop off northwest Scotland and move southeast.

Issued at midday SATURDAY 21 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. |                 |       |       |       |   |                                   |  |  |  | OBSERVATIONS at 06h. |       |       |       |   |                                   |  |  |  |                 | OBSERVATIONS during NIGHT |                               |  |  |           |            |  |  |  |  | Station |
|----------------------|-----------------|-------|-------|-------|---|-----------------------------------|--|--|--|----------------------|-------|-------|-------|---|-----------------------------------|--|--|--|-----------------|---------------------------|-------------------------------|--|--|-----------|------------|--|--|--|--|---------|
| Code FM II.V         | 21 January 1978 |       |       |       |   |                                   |  |  |  | 21 January 1978      |       |       |       |   |                                   |  |  |  | 21 January 1978 |                           |                               |  |  |           |            |  |  |  |  |         |
| Station              | iii             | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                  | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii             | RR T <sub>n</sub> E       | T <sub>g</sub> T <sub>g</sub> | WEATHER  |  |           |            |  |  |  |  |         |
|                      |                 |       |       |       |   |                                   |  |  |  |                      |       |       |       |   |                                   |  |  |  |                 |                           |                               | 21h.—03h.  | 03h.—09h.                                      |           |            |  |  |  |  |         |
| Boscombe Down        | 746             | 12307 | 82031 | 13100 | 15701   | 51114                             | 81650  |  |  | 746                  | 31708 | 68010 | 13851 | 10932   | 52602                             | 81359  | 83072  |  | 746             | 97525                     | 56                            | +  | +  | Boscombe  |            |  |  |  |  |         |
| Hurn                 | 862             | 12805 | 70020 | 14101 | 00901   | 01116                             | 81075  |  |  | 862                  | 70000 | 80031 | 14453 | 40972   | 53000                             | 84360  | 87075  |  | 862             | 93533                     | 56                            | +  | pr <sub>c</sub> pr                             | Hurn      |            |  |  |  |  |         |
| Manston              | 797             | 12509 | 59011 | 12001 | 15600   | 50115                             | 81640  |  |  | 797                  | 12410 | 62031 | 13450 | 00901   | 51303                             | 81075  |  |  | 797             | 97515                     | 54                            | +  | +  | Manston   |            |  |  |  |  |         |
| Gatwick              | 776             | 21905 | 58101 | 12651 | 25800   | 51219                             | 82657  |  |  | 776                  | 01802 | 58110 | 13552 | 00900   | 52704                             |  |  |  | 776             | 00545                     | 58                            | +  | if   | Gatwick   |            |  |  |  |  |         |
| Kew                  |                 |       |       |       |   |                                   |  |  |  | 775                  | 02003 | 58100 | 13351 | 00900   | 51305                             |  |  |  | 775             | 00533                     | 60                            | +  | +  | Kew       |            |  |  |  |  |         |
| Heathrow             | 772             | 12305 | 57051 | 12601 | 15700   | 00217                             | 81650  |  |  | 772                  | 02206 | 50100 | 13951 | 00900   | 51302                             |  |  |  | 772             | 00513                     | 56                            | +  | +  | Heathrow  |            |  |  |  |  |         |
| Honington            | 586             | 82411 | 62032 | 10302 | 854//   | 00220                             | 83710  | 88615  |  | 586                  | 42410 | 60021 | 11602 | 45600   | 00104                             | 84630  |  |  | 586             | 00506                     | 53                            | +  | +  | Honington |            |  |  |  |  |         |
| Wattisham            | 590             | 72511 | 62031 | 10701 | 754//   | 50220                             | 85614  | 87620  |  | 590                  | 32410 | 62011 | 12352 | 00902   | 52204                             | 83075  |  |  | 590             | 00536                     | 56                            | +  | +  | Wattisham |            |  |  |  |  |         |
| Gorleston            | 497             | 82406 | 58052 | 10003 | 855//   | 01220                             | 88625  |  |  | 497                  | 02308 | 56011 | 11702 | 00900   | 00503                             |  |  |  | 497             |                           |                               |  |  | +         | Gorleston  |  |  |  |  |         |
| Aberporth            | 502             | 62409 | 82031 | 13104 | 6093/   | 50109                             | 86359  |  |  | 502                  | 81610 | 81032 | 09803 | 5567/   | 01719                             | 85635  | 88460  |  | 502             | 97021                     | 00                            | +  | ir <sub>c</sub> d <sub>c</sub> r <sub>c</sub>  | Aberporth |            |  |  |  |  |         |
| Filton               | 628             | 02605 | 80021 | 13002 | 00900   | 50113                             |  |  |  | 628                  | 71909 | 75031 | 12801 | 1563/   | 51710                             | 81630  | 87362  |  | 628             | 00003                     | 56                            | +  | +  | Filton    |            |  |  |  |  |         |
| Rhoose               | 715             | 12806 | 75021 | 13402 | 10930   | 01113                             | 81360  |  |  | 715                  | 71810 | 70031 | 12003 | 35676   | 01711                             | 83640  | 86360  | 87275  | 715             | 97021                     | 54                            | +  | r <sub>c</sub>                                 | Rhoose    |            |  |  |  |  |         |
| Hartland Point       | 703             | 32910 | 82011 | 13606 | 11530   | 01106                             | 81820  | 83360  |  | 703                  | 82313 | 82606 | 10905 | 4562/   | 03618                             | 84634  | 88460  |  | 703             | 91041                     | 03                            |  |  | Hartland  |            |  |  |  |  |         |
| Mount Batten         | 827             | 52906 | 65031 | 15103 | 50930   | 00108                             | 85365  |  |  | 827                  | 82112 | 65602 | 12907 | 856//   | 03819                             | 88634  |  |  | 827             | 93011                     | 52                            | +  | ir <sub>c</sub> r <sub>c</sub> ir <sub>c</sub> | Mount B   |            |  |  |  |  |         |
| St. Mawgan           | 817             | 72707 | 80021 | 15205 | 2857/   | 01005                             | 81825  | 87360  |  | 817                  | 81810 | 80602 | 12005 | 4557/   | 02622                             | 84620  | 88360  |  | 817             | 97031                     | 01                            | +  | r <sub>c</sub>                                 | St. Mawg  |            |  |  |  |  |         |
| Scilly               | 804             | 82611 | 81021 | 15607 | 1257/   | 07000                             | 81820  | 88358  |  | 804                  | 82016 | 81606 | 11408 | 854//   | 06724                             | 85710  | 88616  |  | 804             | 97061                     | 05                            | +  | ir <sub>c</sub> id <sub>c</sub>                | Scilly    |            |  |  |  |  |         |
| Culdrose             | 809             | 72803 | 81021 | 15804 | 4553/   | 50005                             | 84620  | 87359  |  | 809                  | 82315 | 75032 | 12207 | 854//   | 04721                             | 84615  | 88620  |  | 809             | 97011                     | 53                            | +  | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub>  | Culdrose  |            |  |  |  |  |         |
| Guernsey             | 894             | 33010 | 82020 | 15804 | 31500   | 51109                             | 83825  |  |  | 894                  | 62409 | 84022 | 15205 | 11632   | 51707                             | 81830  | 85360  |  | 894             | 00031                     | 51                            | +  | +  | Guernsey  |            |  |  |  |  |         |
| Elmdon               | 534             | 72608 | 62258 | 10803 | 784//   | 01111                             | 83816  | 84622  | 86650  | 534                  | 11907 | 75021 | 11701 | 10940   | 51801                             | 81362  |  |  | 534             | 97526                     | 54                            | pr <sub>c</sub>  | +  | +         | Elmdon     |  |  |  |  |         |
| Cardington           | 559             | 42509 | 62021 | 11201 | 25601   | 00219                             | 82630  | 83075  |  | 559                  | 12306 | 60051 | 12700 | 00901   | 50305                             | 81075  |  |  | 559             | 00513                     | 57                            | +  | +  | +         | Cardington |  |  |  |  |         |
| Wittering            | 462             | 32710 | 45101 | 10501 | 10931   | 01118                             | 81360  | 83075  |  | 462                  | 12612 | 70021 | 11901 | 15600   | 00303                             | 81630  |  |  | 462             | 97515                     | 53                            | +  | +  | +         | Wittering  |  |  |  |  |         |
| Watnall              | 354             | 42405 | 40041 | 10401 | 45500   | 51117                             | 84622  |  |  | 354                  | 32407 | 50101 | 11301 | 35500   | 00001                             | 83624  |  |  | 354             | 97516                     | 56                            | +  | +  | +         | Watnall    |  |  |  |  |         |
| Shawbury             | 414             | 42806 | 70018 | 10902 | 48400   | 01111                             | 81816  | 83626  |  | 414                  | 31602 | 65021 | 10551 | 10942   | 52709                             | 81362  |  |  | 414             | 01533                     | 57                            | rr <sub>c</sub>  | r <sub>c</sub>                                 | +         | Shawbury   |  |  |  |  |         |
| Finningley           | 360             | 22205 | 30106 | 09251 | 00902   | 51217                             | 82075  |  |  | 360                  | 22106 | 56101 | 09701 | 25400   | 01104                             | 82618  |  |  | 360             | 00515                     | 56                            | +  | +  | +         | Finningley |  |  |  |  |         |
| Spurn Point          | 396             | 62610 | 56036 | 08702 | 6097/   | 01223                             | 86360  |  |  | 396                  | 02210 | 30101 | 09702 | 00900   | 01801                             |  |  |  | 396             |                           |                               |  | +  | +         | Spurn P    |  |  |  |  |         |
| Leeming              | 257             | 51505 | 40042 | 08401 | 55500   | 00217                             | 83625  | 85650  |  | 257                  | 11606 | 35041 | 09052 | 15600   | 53400                             | 81640  |  |  | 257             | 00527                     | 55                            | +  | +  | +         | Leeming    |  |  |  |  |         |
| Tynemouth            | 262             | 72807 | 56026 | 07902 | 756//   | 00116                             | 87635  |  |  | 262                  | 42304 | 69021 | 08002 | 00908   | 00400                             | 84275  |  |  | 262             | 97013                     | 51                            | ir <sub>c</sub>  | +  | +         | Tynemouth  |  |  |  |  |         |
| Carlisle             | 222             | 70000 | 50101 | 08000 | 755//   | 50110                             | 87622  |  |  | 222                  | 61402 | 58102 | 07301 | 15632   | 01806                             | 81640  | 83364  | 85072  | 222             | 00503                     | 55                            | +  | +  | +         | Carlisle   |  |  |  |  |         |
| Valley               | 302             | 42708 | 80021 | 10804 | 40950   | 01110                             | 84362  |  |  | 302                  | 82017 | 80031 | 07707 | 855//   | 03719                             | 88620  |  |  | 302             | 97041                     | 00                            | +  | r <sub>c</sub> r <sub>c</sub>                  | Valley    |            |  |  |  |  |         |
| Ringway              | 334             | 81806 | 25581 | 10102 | 853//   | 02112                             | 81706  | 87708  | 88614  | 334                  | 11806 | 75018 | 10501 | 15630   | 50803                             | 81635  |  |  | 334             | 95011                     | 51                            | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> pr <sub>c</sub> | +  | +         | Ringway    |  |  |  |  |         |
| Squires Gate         | 318             | 73208 | 65038 | 09405 | 785//   | 03214                             | 82822  | 87636  |  | 318                  | 62011 | 75038 | 08903 | 656/2   | 02709                             | 81635  | 86656  |  | 318             | 97011                     | 54                            | pr <sub>c</sub>  | +  | +         | Squires    |  |  |  |  |         |
| Ronaldsway           | 204             | 32804 | 80018 | 09504 | 28501   | 01109                             | 81820  | 83075  |  | 204                  | 72115 | 80031 | 06906 | 58522   | 02617                             | 82820  | 85650  | 85460  | 204             | 93031                     | 51                            | pr <sub>c</sub>  | r <sub>c</sub> r <sub>c</sub>                  |           | Ronalds    |  |  |  |  |         |
| Mull of Galloway     | 131             | 33012 | 78018 | 08704 | 15530   | 02208                             | 81625  | 83360  |  | 131                  | 82125 | 83031 | 05505 | 3552/   | 02722                             | 83525  | 88460  |  | 131             | 92031                     |                               |  | +  | +         | Mull of    |  |  |  |  |         |
| Eskdalemuir          | 162             | 80000 | 58284 | 09153 | 8097/   | 54216                             | 86460  |  |  | 162                  | 81402 | 06467 | 07550 | 870//   | 51708                             | 88700  |  |  | 162             | 97549                     | 58                            | f-s <sub>c</sub>   | s <sub>c</sub> -ff                             | +         | Eskdale    |  |  |  |  |         |
| Prestwick            | 135             | 51102 | 62251 | 07502 | 58530   | 02007                             | 81820  | 83634  |  | 135                  | 81706 | 80022 | 05602 | 4562/   | 01814                             | 84640  | 88460  |  | 135             | 91001                     | 56                            | pr <sub>c</sub>  | +  | +         | Prestwick  |  |  |  |  |         |
| Abbotsinch           | 140             | 70000 | 28101 | 07253 | 755//   | 53109                             | 82620  | 86632  |  | 140                  | 80704 | 27104 | 05350 | 3542/   | 50712                             | 81618  | 83645  | 88462  | 140             | 97557                     | 58                            | +  | ifr <sub>c</sub> s <sub>c</sub>                | +         | Abbotsi    |  |  |  |  |         |
| Leuchars             | 171             | 32309 | 62021 | 06251 | 35500   | 53110                             | 82625  |  |  | 171                  | 12503 | 66020 | 05753 | 00902   | 54507                             | 81075  |  |  | 171             | 00543                     | 54                            | +  | +  | +         | Leuchar    |  |  |  |  |         |
| Dyce                 | 091             | 10000 |       |       |   |                                   |  |  |  |                      |       |       |       |   |                                   |  |  |  |                 |                           |                               |  |  |           |            |  |  |  |  |         |



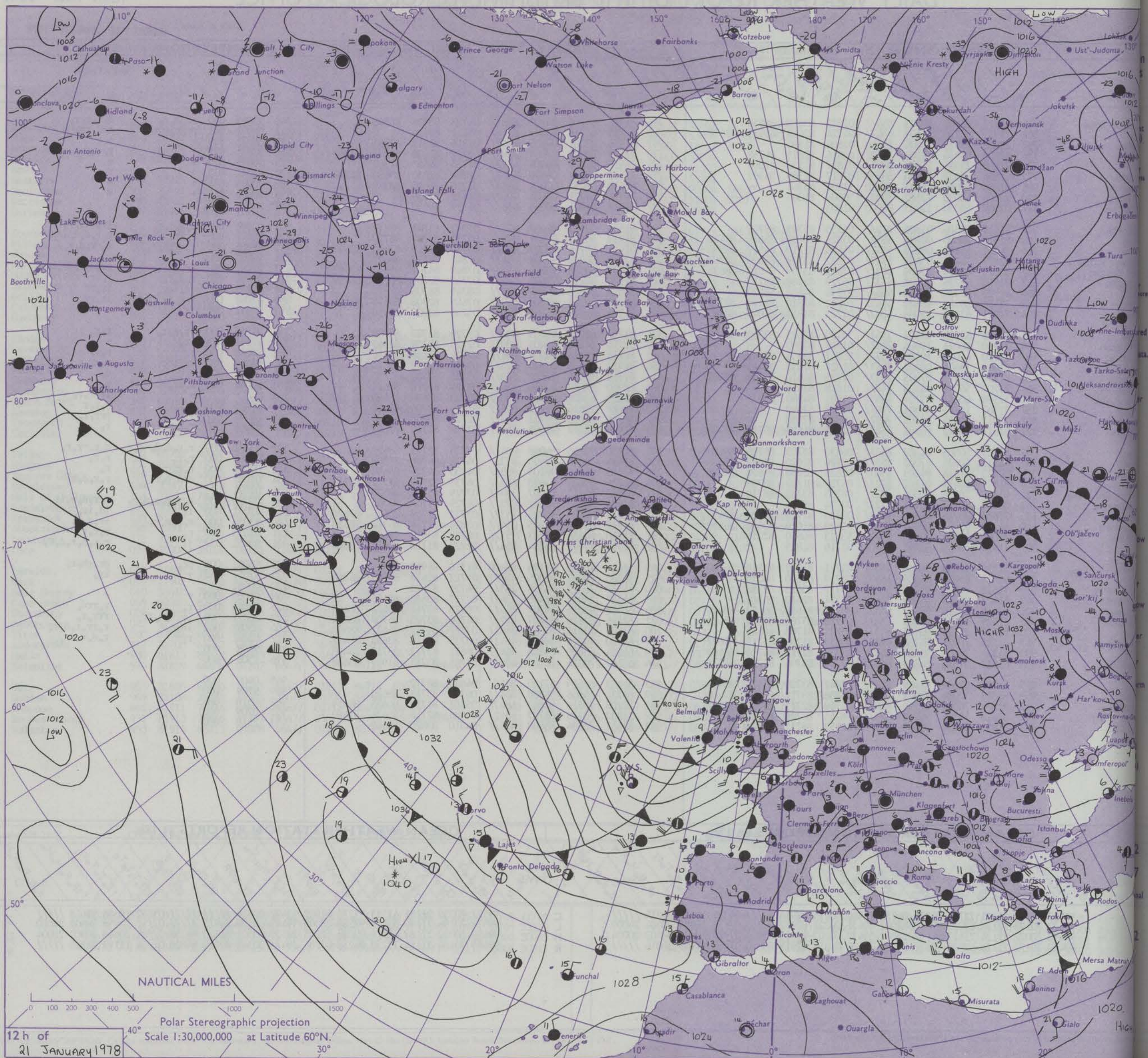
## 42430

Date of Issue SUNDAY 22 JANUARY 1978

| Code FM 21.V |      | OCEAN WEATHER STATION REPORTS at 12h.           |            |        |       |        |       |  |         |  |  |  |  |  |  | OCEAN WEATHER STATION REPORTS at 18h. |   |            |        |       |        |       |  |         |  |  |  |  |  |  |
|--------------|------|---|------------|--------|-------|--------|-------|--|---------|--|--|--|--|--|--|---------------------------------------|---|------------|--------|-------|--------|-------|--|---------|--|--|--|--|--|--|
| O.W.S.       |      | 99 L <sub>a</sub> L <sub>a</sub> L <sub>a</sub> | QcLoLoLoLo | YYGGIw | Nddff | VVwwVV | PPPTT | N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub> | DsVsapp | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | OT <sub>5</sub> T <sub>5</sub> T <sub>d</sub> T <sub>d</sub> | IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> | 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | O.W.S.                                | 99 L <sub>a</sub> L <sub>a</sub> L <sub>a</sub> | QcLoLoLoLo | YYGGIw | Nddff | VVwwVV | PPPTT | N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub> | DsVsapp | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | OT <sub>5</sub> T <sub>5</sub> T <sub>d</sub> T <sub>d</sub> | IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> | 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> | d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> |
| 0000         | 0000 | 99527   | 70355      | 21121  | 72723 | 97278  | 04250 | 73400  | 00215   | 87914  | ////   | 06354  | 10578  | 31314  | ////   |                                       | 99527   | 70355      | 21181  | 62523 | 97278  | 01902 | 53402  | 00616   | ////   | 05852  | 10668  | 31618  | ////   |  |
| 0009         | 0009 | 99573   | 70198      | 21124  | 63022 | 97268  | 84002 | 49431  | 00221   | 82912  | 83363  | 0//50  | 10954  | 30504  | 24009  |                                       | 99574   | 70196      | 21184  | 53112 | 97268  | 88000 | 59403  | 00329   | 84912  | ////   | 0//51  | 10958  | 30502  | 24010  |
| 0018         | 0018 | 99658   | 10022      | 21124  | 71617 | 98151  | 12206 | 59472  | 00203   | 85815  | 82915  | 0//02  | 10601  | 30403  | 20004  |                                       | 99659   | 10020      | 21184  | 61714 | 98038  | 12205 | 28532  | 00301   | 81820  | 84358  | 0//02  | 10668  | 30302  | 20004  |
| 0024         | 0024 | 99469   | 70172      | 21124  | 42838 | 96828  | 01009 | 49400  | 00313   | 82915  | 83820  | 0//05  | 11155  | 31016  | ////   |                                       | 99469   | 70164      | 21184  | 73233 | 96258  | 07706 | 794//  | 00347   | 83910  | 84820  | 0//04  | 11199  | 31320  | ////   |



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

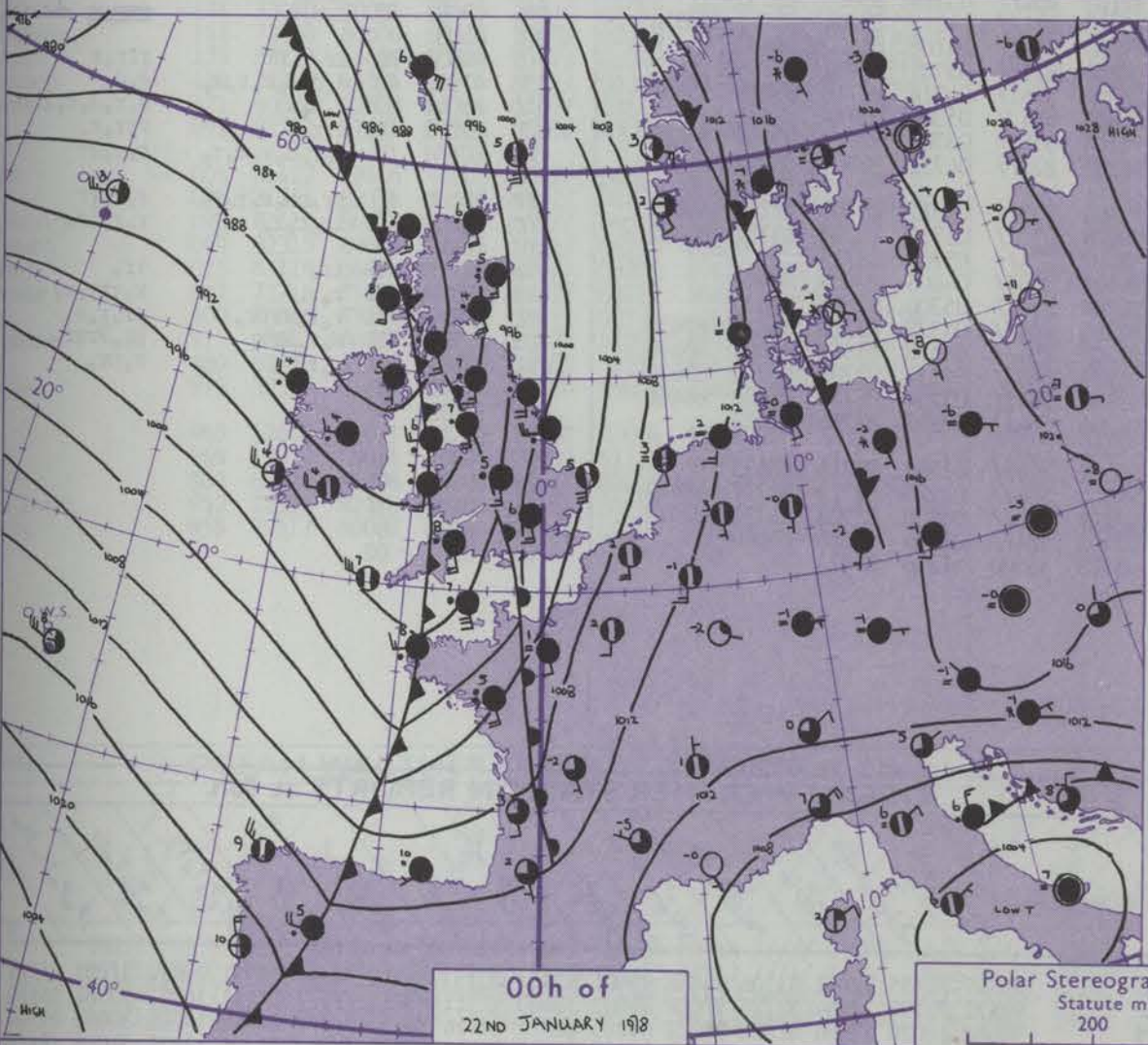
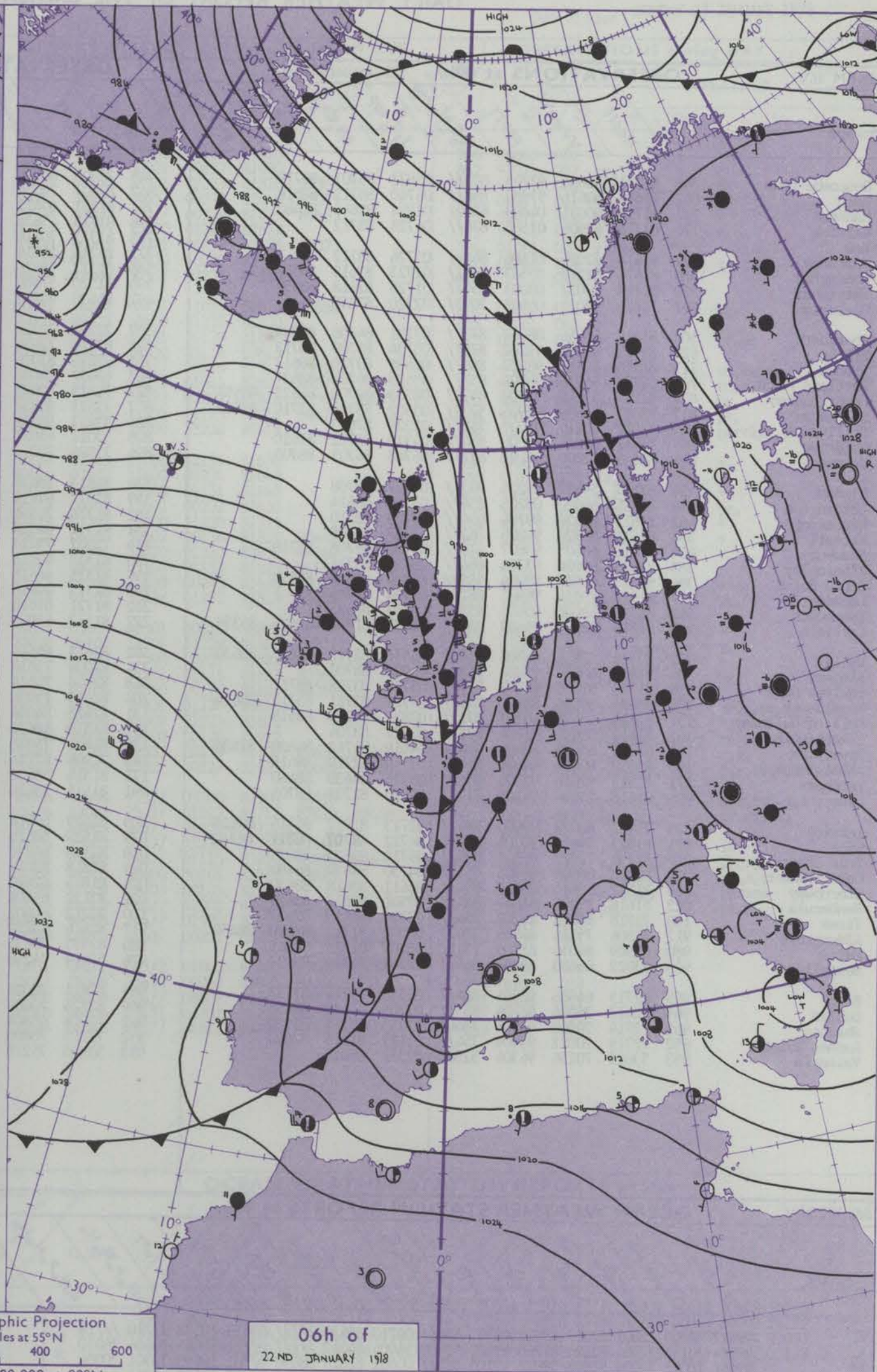
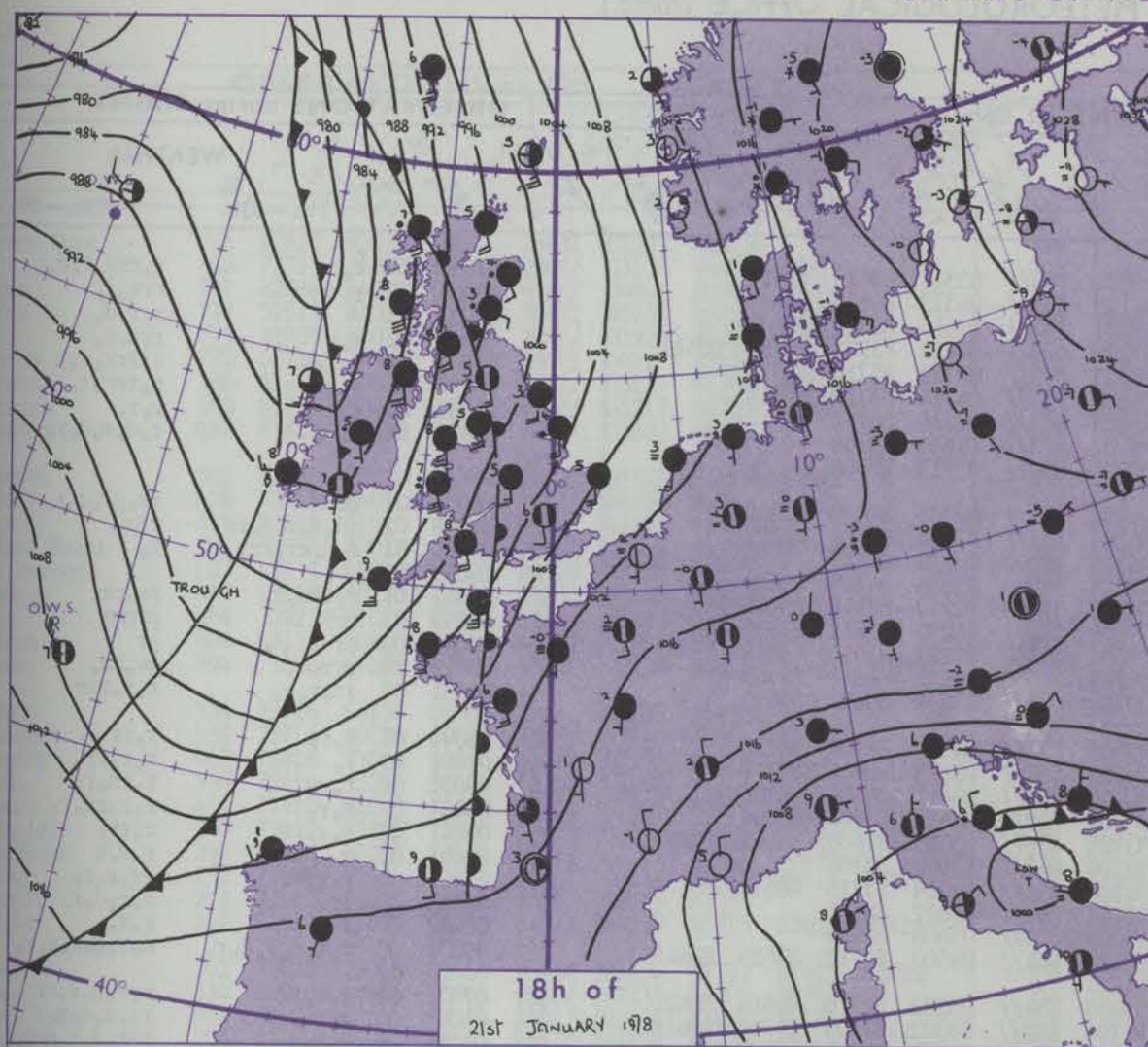


12 h of  
21 JANUARY 1978

Polar Stereographic projection  
Scale 1:30,000,000 at Latitude 60°N.



# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a frontal trough lying north/south to the west of Ireland moved slowly east to central districts of England and Scotland. During the next 24 hours the

frontal trough over England and Scotland is expected to move slowly east to the North Sea whilst a wave depression in mid-Atlantic moves rapidly eastwards to southwest Ireland.

Issued at midday SUNDAY 22 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. 22 January 1978 |     |       |       |       |                                   |                                   |  |  |  | OBSERVATIONS at 06h. 22 January 1978 |       |       |       |                                   |                                   |  |  |  |     | OBSERVATIONS during NIGHT         |                               |   |           |   |  |
|--------------------------------------|-----|-------|-------|-------|-----------------------------------|-----------------------------------|--|--|--|--------------------------------------|-------|-------|-------|-----------------------------------|-----------------------------------|--|--|--|-----|-----------------------------------|-------------------------------|---|-----------|---|--|
| Code FM II.V                         |     |       |       |       |                                   |                                   |  |  |  | Code FM II.V                         |       |       |       |                                   |                                   |  |  |  |     | Code FM II.V                      |                               |   |           |   |  |
| Station                              | iii | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii                                  | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | RRT <sub>n</sub> T <sub>n</sub> E | T <sub>9</sub> T <sub>9</sub> | WEATHER   |           |   |  |
|                                      |     |       |       |       |                                   |                                   |  |  |  |                                      |       |       |       |                                   |                                   |  |  |  |     |                                   |                               | 21h.—03h.   | 03h.—09h. |   |  |
| Boscombe Down                        | 746 | 81721 | 58636 | 97705 | 873//                             | 05833                             | 85707  | 88710  |  | 746                                  | 72908 | 65516 | 95604 | 755//                             | 03311                             | 83625  | 87650  |  | 746 | 07031                             | 01                            | r <sub>c</sub> rr   |           | r <sub>c</sub> rRd <sub>c</sub> r <sub>c</sub> d <sub>c</sub>                             |  |
| Hurn                                 | 862 | 81619 | 60616 | 97907 | 854//                             | 06740                             | 85712  | 88616  |  | 862                                  | 82607 | 70036 | 97105 | 855//                             | 04323                             | 84625  | 88647  |  | 862 | 07041                             | 02                            | r <sub>c</sub> r <sub>c</sub> rr  |           | rrr <sub>c</sub> r <sub>c</sub>   |  |
| Manston                              | 797 | 81718 | 80031 | 04803 | 6562//                            | 01824                             | 86640  | 88460  |  | 797                                  | 81721 | 60612 | 00703 | 854//                             | 01615                             | 83711  | 88645  |  | 797 | 96021                             | 02                            | +   |           | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub>  |  |
| Gatwick                              | 776 | 81716 | 62606 | 01505 | 874//                             | 04728                             | 88712  |  |  | 776                                  | 81715 | 45636 | 97205 | 6732//                            | 04613                             | 82707  | 86708  | 88511  | 776 | 09042                             | 02                            | r <sub>c</sub> r  |           | rrd <sub>c</sub> r <sub>c</sub>   |  |
| Kew                                  |     |       |       |       |                                   |                                   |  |  |  | 775                                  | 81712 | 70616 | 96705 | 874//                             | 04720                             | 85710  | 88715  |  | 775 | 03051                             | 04                            | r <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub> rrr <sub>c</sub> r <sub>c</sub> r  |  |
| Heathrow                             | 772 | 81614 | 62026 | 01106 | 864//                             | 03726                             | 88712  |  |  | 772                                  | 81714 | 59616 | 96605 | 854//                             | 04714                             | 83710  | 88614  |  | 772 | 05051                             | 03                            | r <sub>c</sub> r  |           | r <sub>c</sub> rrr <sub>c</sub> r <sub>c</sub>  |  |
| Honington                            | 586 | 81614 | 62212 | 02503 | 854//                             | 01723                             | 83615  | 88640  |  | 586                                  | 81517 | 58616 | 98403 | 863//                             | 01716                             | 88707  |  |  | 586 | 91035                             | 02                            | r <sub>c</sub> ir <sub>c</sub>  |           | r <sub>c</sub> r <sub>c</sub>   |  |
| Wattisham                            | 590 | 81718 | 70022 | 03003 | 854//                             | 01725                             | 82618  | 88650  |  | 590                                  | 81520 | 57586 | 99102 | 873//                             | 01616                             | 88708  |  |  | 590 | 96022                             | 01                            | r <sub>c</sub>  |           | r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>                |  |
| Gorleston                            | 497 | 71828 | 62022 | 04605 | 7093//                            | 02720                             | 87358  |  |  | 497                                  | 81630 | 64022 | 00704 | 8092//                            | 02713                             | 88458  |  |  |     |                                   |                               |   |           |   |  |
| Aberporth                            | 502 | 81918 | 56656 | 89907 | 873//                             | 07721                             | 84706  | 88709  |  | 502                                  | 72722 | 70216 | 96904 | 785//                             | 02235                             | 84820  | 87647  |  | 502 | 11031                             | 02                            | rrRR  |           | ir <sub>c</sub> pr <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                             |  |
| Filton                               | 628 | 81715 | 60585 | 95207 | 873//                             | 05734                             | 85709  | 88712  |  | 628                                  | 82710 | 72036 | 96204 | 854//                             | 03334                             | 83614  | 88622  |  | 628 | 03041                             | 02                            | id <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> rr                           |           | rRr   |  |
| Rhoose                               | 715 | 81416 | 59616 | 93207 | 854//                             | 06836                             | 83710  | 88613  |  | 715                                  | 32816 | 81016 | 96304 | 38402                             | 03229                             | 82816  |  |  | 715 | 05031                             | 01                            | d <sub>c</sub> d <sub>c</sub> rr <sub>c</sub> rrr <sub>c</sub>                            |           | r <sub>c</sub>  |  |
| Hartland Point                       | 703 | 82723 | 66636 | 90708 | 853//                             | 08525                             | 86708  | 88627  |  | 703                                  | 63012 | 74026 | 97606 | 68400                             | 03235                             | 84815  | 86630  |  | 703 | 14051                             | 03                            |   |           |   |  |
| Mount Batten                         | 827 | 81824 | 57616 | 92809 | 6532//                            | 08733                             | 82708  | 86625  | 88557  | 827                                  | 52819 | 80806 | 00105 | 59400                             | 02240                             | 82918  | 83640  |  | 827 | 05041                             | 01                            | r <sub>c</sub> Rrr <sub>c</sub> r <sub>c</sub>  |           | pr <sub>c</sub> pr  |  |
| St. Mary's                           | 817 | 83021 | 56636 | 92906 | 5732//                            | 05502                             | 83706  | 83710  | 88540  | 817                                  | 72821 | 80258 | 99806 | 784//                             | 05023                             | 81812  | 87635  |  | 817 | 09031                             | 03                            | rrR   |           | prphr   |  |
| Scilly                               | 804 | 73032 | 80216 | 95007 | 755//                             | 02229                             | 87623  |  |  | 804                                  | 52827 | 80258 | 02005 | 49460                             | 02227                             | 81916  | 83818  |  | 804 | 07042                             | 02                            | pr  |           | pr  |  |
| Culdrose                             | 809 | 83017 | 62216 | 94206 | 854//                             | 04310                             | 82712  | 87620  |  | 809                                  | 53011 | 65021 | 01104 | 28430                             | 00231                             | 81818  | 83360  |  | 809 | 03012                             | 50                            | rrr <sub>c</sub> r <sub>c</sub>   |           | pr <sub>c</sub> pr <sub>c</sub>   |  |
| Guernsey                             | 894 | 81629 | 62606 | 97107 | 872//                             | 06743                             | 84703  | 88705  |  | 894                                  | 73026 | 70216 | 00306 | 6853//                            | 03234                             | 85822  | 86650  |  | 894 | 04051                             | 03                            | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub> r <sub>c</sub> rr  |  |
| Elmdon                               | 534 | 81517 | 59612 | 96205 | 873//                             | 04827                             | 88708  |  |  | 534                                  | 81613 | 58636 | 93505 | 873//                             | 04504                             | 82707  | 88710  |  | 534 | 05041                             | 01                            | r <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub> rr   |  |
| Cardington                           | 559 | 81616 | 66022 | 00205 | 854//                             | 03729                             | 88614  |  |  | 559                                  | 81617 | 64616 | 96005 | 854//                             | 03613                             | 85614  | 88620  |  | 559 | 01041                             | 03                            | r <sub>c</sub>  |           | r <sub>c</sub> r <sub>c</sub> rr  |  |
| Wittering                            | 462 | 81615 | 80026 | 99704 | 864//                             | 03728                             | 88710  |  |  | 462                                  | 81716 | 70586 | 96004 | 873//                             | 03611                             | 84706  | 88708  |  | 462 | 95031                             | 02                            | r <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub> rd <sub>c</sub> r <sub>c</sub>   |  |
| Watnall                              | 354 | 81614 | 68026 | 97805 | 862//                             | 03727                             | 88705  |  |  | 354                                  | 81511 | 66616 | 94405 | 862//                             | 04507                             | 86704  | 88706  |  | 354 | 03041                             | 02                            | r <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub> r <sub>c</sub> rd <sub>c</sub> r <sub>c</sub>                              |  |
| Shawbury                             | 414 | 81513 | 66605 | 93607 | 873//                             | 05731                             | 82708  | 88710  |  | 414                                  | 72307 | 75026 | 93705 | 4567//                            | 03323                             | 81630  | 84645  | 87359  | 414 | 02041                             | 02                            | r <sub>c</sub> r <sub>c</sub> rrr <sub>c</sub>  |           | r <sub>c</sub> rr <sub>c</sub>  |  |
| Finningley                           | 360 | 81413 | 62026 | 97704 | 864//                             | 02725                             | 88711  |  |  | 360                                  | 81513 | 40616 | 94204 | 863//                             | 03609                             | 88706  |  |  | 360 | 01031                             | 02                            | r <sub>c</sub>  |           | r <sub>c</sub> r <sub>c</sub> r   |  |
| Spurn Point                          | 396 | 82525 | 64616 | 99904 | 5552//                            | 03724                             | 85620  | 88559  |  | 396                                  | 81525 | 66616 | 96104 | 854//                             | 03714                             | 85715  | 88630  |  | 396 |                                   | 00                            | r <sub>c</sub> r <sub>c</sub> rr  |           | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub>   |  |
| Leeming                              | 257 | 81517 | 25216 | 96503 | 862//                             | 02724                             | 88705  |  |  | 257                                  | 81515 | 40616 | 93203 | 862//                             | 03612                             | 88705  |  |  | 257 | 01025                             | 00                            | ir <sub>c</sub>   |           | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>                               |  |
| Tynemouth                            | 262 | 81730 | 61026 | 95405 | 855//                             | 03733                             | 88625  |  |  | 262                                  | 81721 | 61616 | 93005 | 8052//                            | 03608                             | 88525  |  |  | 262 | 01042                             | 03                            | +   |           | r <sub>c</sub> r <sub>c</sub>   |  |
| Carlisle                             | 222 | 81716 | 62602 | 91807 | 3547//                            | 04832                             | 81712  | 83620  | 85359  | 222                                  | 81513 | 65026 | 90406 | 854//                             | 04500                             | 81712  | 83625  | 88645  | 222 | 96051                             | 03                            | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> |           | d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> |  |
| Valley                               | 302 | 82513 | 57616 | 89506 | 854//                             | 05516                             | 82712  | 86622  | 88630  | 302                                  | 82823 | 64616 | 93405 | 854//                             | 03223                             | 82710  | 86614  | 88620  | 302 | 07031                             | 03                            | r <sub>c</sub> r <sub>c</sub> rr  |           | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> rr                            |  |
| Ringway                              | 334 | 81514 | 60026 | 95006 | 863//                             | 04723                             | 88707  |  |  | 334                                  | 82009 | 75616 | 92706 | 852//                             | 05302                             | 81705  | 84707  | 88616  | 334 | 01041                             | 04                            | r <sub>c</sub> r  |           | rrr <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>                             |  |
| Squires Gate                         | 318 | 81520 | 57616 | 92107 | 873//                             | 05730                             | 83708  | 88712  |  | 318                                  | 82308 | 70616 | 92105 | 854//                             | 05314                             | 85615  | 88630  |  | 318 | 03051                             | 04                            | r <sub>c</sub> r <sub>c</sub> r   |           | rRr <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>              |  |
| Ronaldsway                           | 204 | 81624 | 59616 | 88108 | 854//                             | 07727                             | 82711  | 85713  | 88614  | 204                                  | 82615 | 75036 | 90906 | 853//                             | 04213                             | 81706  | 85713  | 88616  | 204 | 03031                             | 03                            | r <sub>c</sub> r <sub>c</sub> r   |           | <del>rrr<sub>c</sub></del> drr <sub>c</sub> s   |  |
| Mull of Galloway                     | 131 | 81830 | 60636 | 86107 | 3722//                            | 07831                             | 83705  | 88515  |  | 131                                  | 82618 | 84036 | 89305 | 3552//                            | 04108                             | 83620  | 88460  |  | 131 | 03031                             |                               |   |           |   |  |
| Eskdalemuir                          | 162 | 81613 | 50636 | 91904 | 872//                             | 03827                             | 88704  |  |  | 162                                  | 81510 | 50636 | 90204 | 872//                             | 03501                             | 88704  |  |  | 162 | 09035                             | 01                            | ir <sub>c</sub> r <sub>c</sub> rr   |           | rrr <sub>c</sub> r  |  |
| Prestwick                            | 135 | 81616 | 65605 | 88606 | 7542//                            | 04619                             | 81712  | 84620  | 87630  | 135                                  | 81602 | 75036 | 88905 | 5541//                            | 04314                             | 81710  | 83620  | 85650  | 135 | 97051                             | 03                            | d <sub>c</sub> d <sub>c</sub> d   |           |   |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

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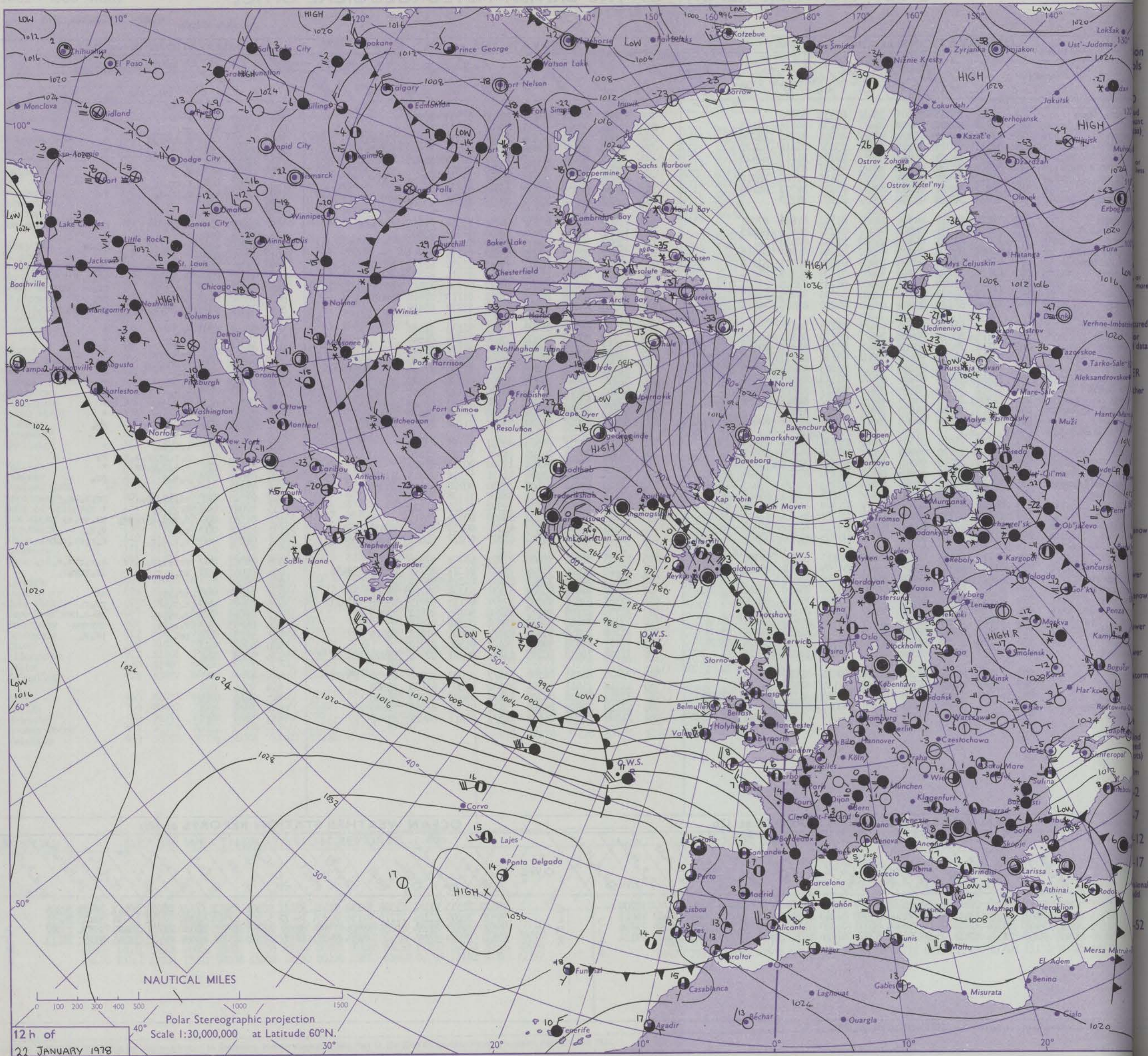
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Date of Issue MONDAY 23 JANUARY 1978

| Code FM II.V |               | OBSERVATIONS at 12h. |       |       |       |                                    |                    |  |  |  | 22 January 1978 |       | OBSERVATIONS at 18h. |       |                                    |                    |  |  |  |     |       | 22 January 1978 |       | OBSERVATIONS during DAY            |                    |  |  |  |     |       |       |       |                                    |                    |  |  |  |           |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Station      |               | ill                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> ChC <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill             | Nddff | VVwwW                | PPPTT | N <sub>h</sub> ChC <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff | VVwwW           | PPPTT | N <sub>h</sub> ChC <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff | VVwwW | PPPTT | N <sub>h</sub> ChC <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | WEATHER   |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|              |               |                      |       |       |       |                                    |                    |  |  |  |                 |       |                      |       |                                    |                    |  |  |  |     |       |                 |       |                                    |                    |  |  |  |     |       |       |       |                                    |                    |  |  |  | 09h.—15h. | 15h.—21h. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 09h.         | Boscombe Down | 746                  | 42813 | 83035 | 03105 | 28431                              | 01233              | 82818  |  |  | 746             | 12607 | 83021                | 09901 | 19500                              | 51134              | 81920  |  |  |     | 746   | 00063           | 056   | +                                  |                    |  |  |  |     |       |       |       |                                    |                    |  |  |  |           |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

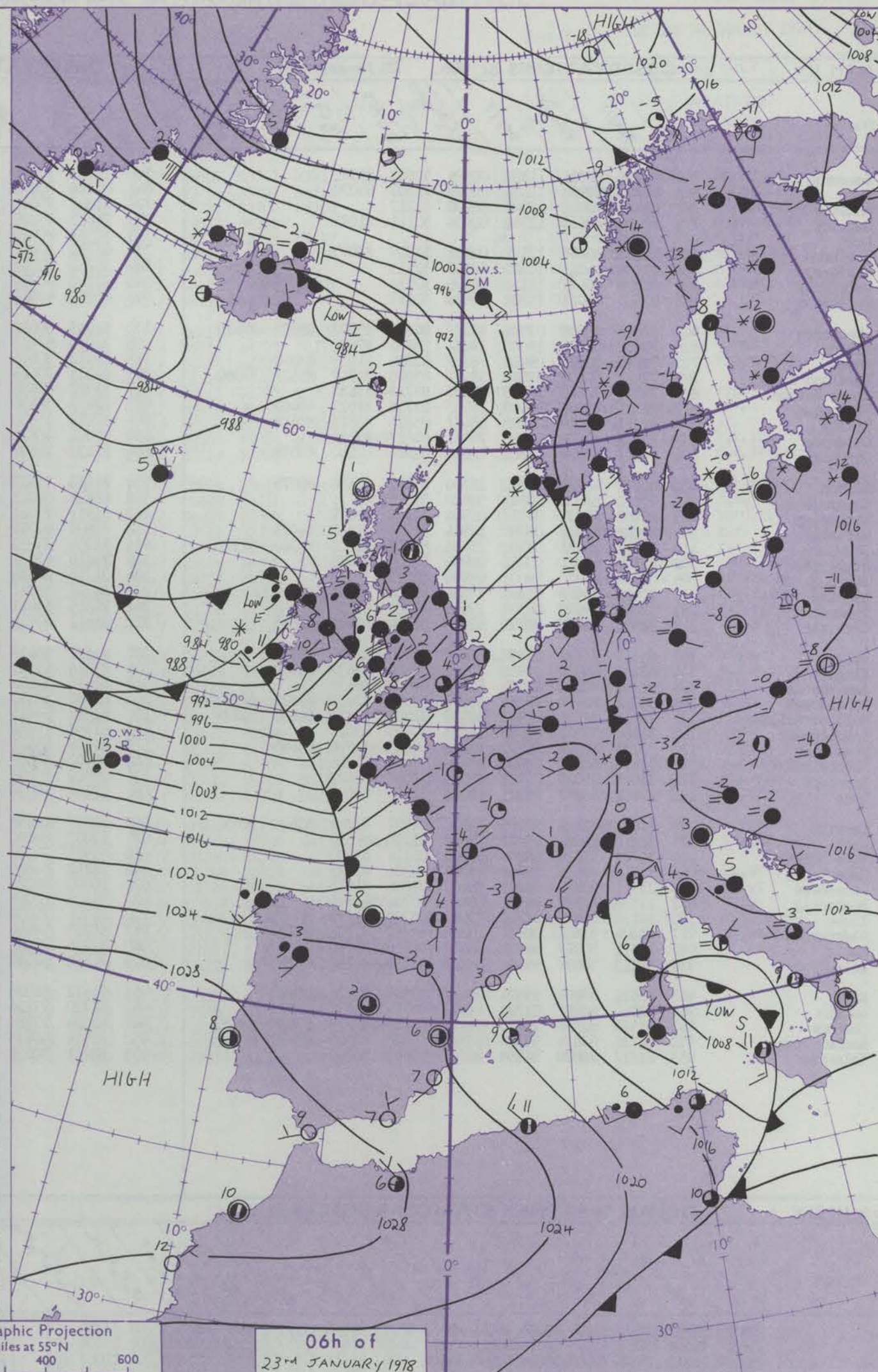
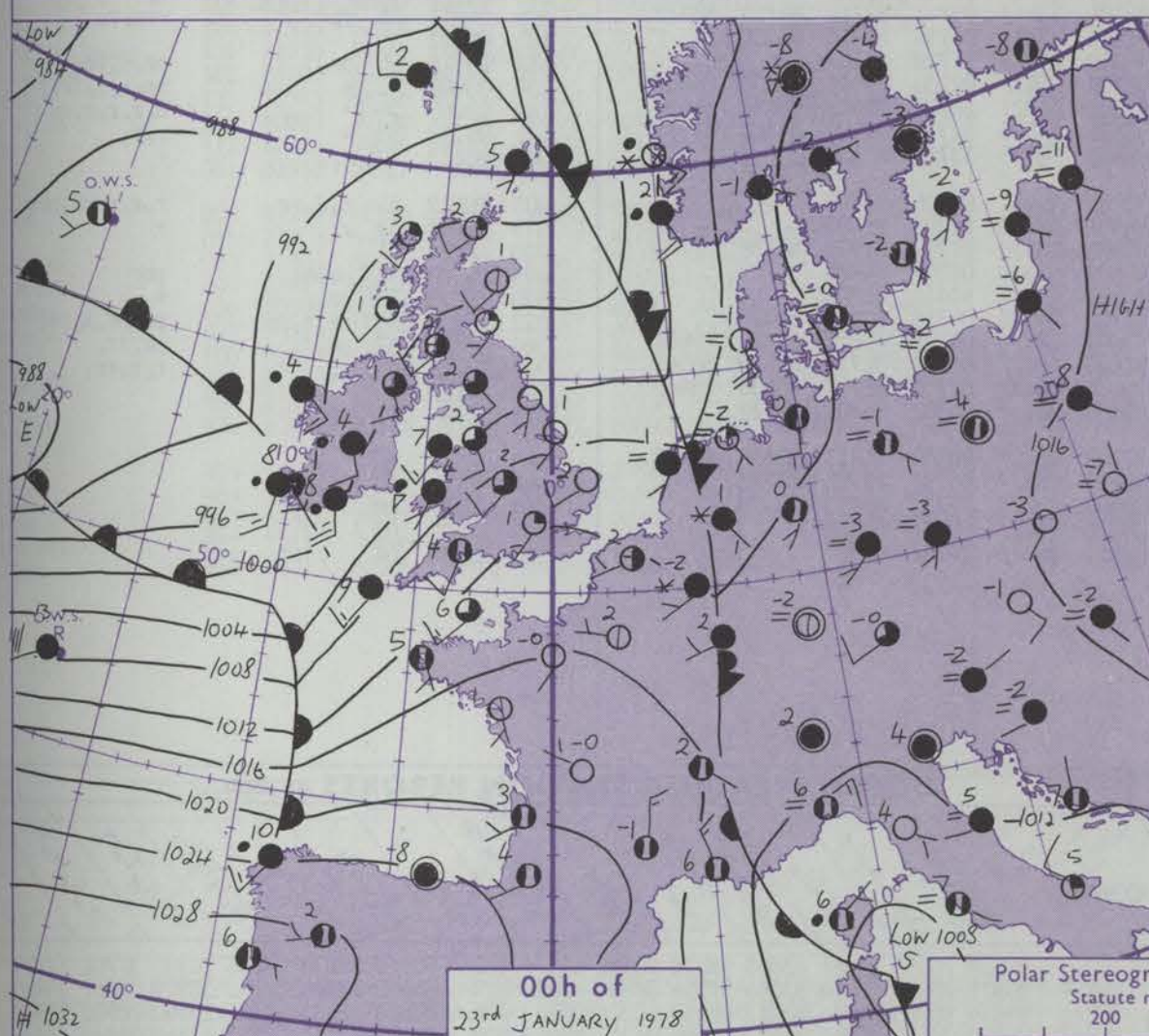
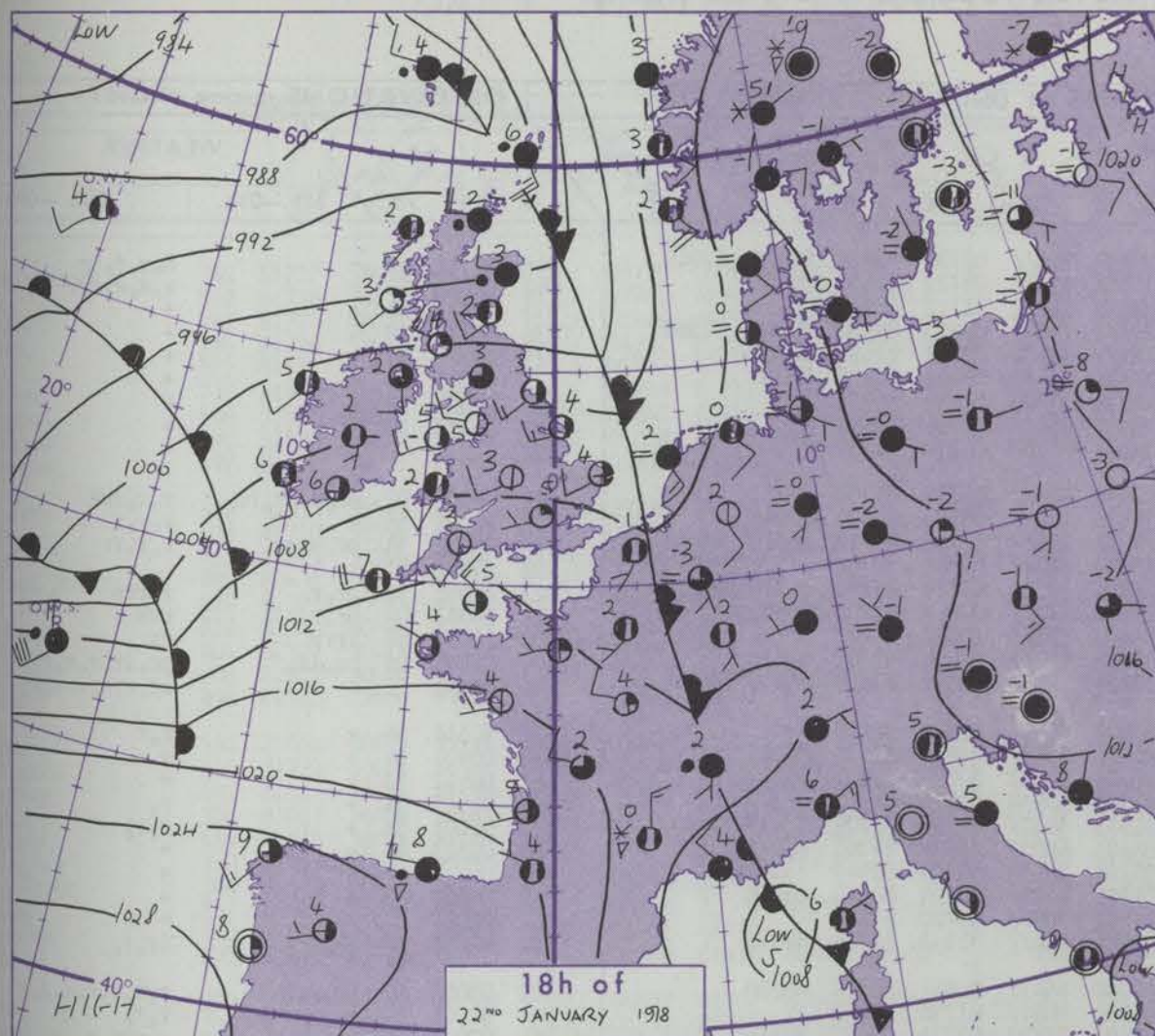


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a deep depression near southwest Greenland remained stationary, while an associated frontal trough cleared eastern Britain and most of the North Sea. A weak ridge moved east across the British Isles. A further depression moved rapidly east into northwest Ireland, with associated frontal troughs reaching southwestern

districts. During the next 24 hours the depression over Ireland will move into southeast Scotland and become slow-moving. The associated frontal troughs are expected to move east clearing all of the British Isles apart from the extreme southeast of England.

Issued at midday MONDAY 23 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V | OBSERVATIONS at 00h. 23 January 1978 |     |       |       |       |                                   |                    |  |  |  | OBSERVATIONS at 06h. 23 January 1978 |       |       |       |                                   |                    |  |  |  |     | OBSERVATIONS during NIGHT |                               |  |  |   |  |
|--------------|--------------------------------------|-----|-------|-------|-------|-----------------------------------|--------------------|--|--|--|--------------------------------------|-------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|---------------------------|-------------------------------|--|--|---|--|
|              | Station                              | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RRT <sub>n</sub> E        | T <sub>g</sub> T <sub>g</sub> | WEATHER  |  |   |  |
|              |                                      |     |       |       |       |                                   |                    |  |  |  |                                      |       |       |       |                                   |                    |  |  |  |     |                           |                               | 21h.—03h.  | 03h.—09h.  |   |  |
|              | Boscombe Down                        | 746 | 51708 | 82031 | 11400 | 00904                             | 52002              | 85072  |  |  | 746                                  | 71716 | 75211 | 05705 | 754//                             | 03734              | 83614  | 83622  | 87645  | 746 | 01511                     | 56                            | +  |  | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                   |  |
|              | Hurn                                 | 862 | 61703 | 70031 | 11802 | 00908                             | 01803              | 85070  |  |  | 862                                  | 81718 | 70031 | 06707 | 4567//                            | 05729              | 84630  | 88358  |  | 862 | 02011                     | 54                            | +  |  | r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> rrr                              |  |
|              | Manston                              | 797 | 02409 | 70021 | 12400 | 00900                             | 51217              |  |  |  | 797                                  | 11807 | 75020 | 10801 | 11402                             | 51712              | 81818  |  |  | 797 | 00521                     | 55                            | +  |  | +   |  |
|              | Gatwick                              | 776 | 12004 | 68030 | 12352 | 00904                             | 53111              | 81075  |  |  | 776                                  | 71612 | 75021 | 08604 | 2567//                            | 03825              | 82630  | 85360  | 87366  | 776 | 00531                     | 59                            | +  |  | +   |  |
|              | Kew                                  |     |       |       |       |                                   |                    |  |  |  | 775                                  | 51811 | 80021 | 07605 | 15631                             | 02722              | 81630  | 84360  |  | 775 | 00521                     | 59                            | +  |  | +   |  |
|              | Heathrow                             | 772 | 22105 | 65030 | 12101 | 00901                             | 51009              | 82075  |  |  | 772                                  | 61712 | 80021 | 08004 | 25436                             | 03826              | 81618  | 85360  |  | 772 | 00001                     | 56                            | +  |  | +   |  |
|              | Honington                            | 586 | 02106 | 65021 | 10501 | 00900                             | 52213              |  |  |  | 586                                  | 31711 | 70011 | 07902 | 35500                             | 51816              | 81625  |  |  | 586 | 00003                     | 53                            | +  |  | +   |  |
|              | Wattisham                            | 590 | 02308 | 75021 | 11151 | 00900                             | 53214              |  |  |  | 590                                  | 71712 | 70031 | 08901 | 756//                             | 51816              | 87641  |  |  | 590 | 00523                     | 56                            | +  |  | +   |  |
|              | Gorleston                            | 497 | 02510 | 66021 | 10302 | 00900                             | 51217              |  |  |  | 497                                  | 41918 | 66031 | 09302 | 40930                             | 00710              | 84358  |  |  | 497 |                           |                               |  |  |   |  |
|              | Aberporth                            | 502 | 82003 | 60808 | 07004 | 883//                             | 04609              | 85707  | 86815  | 88625  | 502                                  | 81533 | 30618 | 94606 | 873//                             | 05774              | 84708  | 88712  |  | 502 | 04032                     | 01                            | ph <sub>c</sub> r <sub>c</sub> pr <sub>c</sub> ir <sub>c</sub> | r <sub>c</sub> r <sub>c</sub> rrR  |   |  |
|              | Filton                               | 628 | 71808 | 62031 | 10003 | 756//                             | 50803              | 87630  |  |  | 628                                  | 71810 | 68211 | 03306 | 755//                             | 03843              | 84626  | 87645  |  | 628 | 01001                     | 56                            | +  |  | r <sub>c</sub> r <sub>c</sub> r   |  |
|              | Rhoose                               | 715 | 72110 | 80028 | 09405 | 784//                             | 02806              | 81818  | 87640  |  | 715                                  | 81515 | 70616 | 02007 | 854//                             | 05748              | 81712  | 86616  | 88645  | 715 | 05022                     | 54                            | pr <sub>c</sub> pr <sub>c</sub> pr <sub>c</sub>                | r <sub>c</sub> r <sub>c</sub> rr   |   |  |
|              | Hartland Point                       | 703 | 72418 | 80606 | 07806 | 5547//                            | 05808              | 81712  | 85627  | 87360  | 703                                  | 82325 | 70616 | 97607 | 873//                             | 07861              | 88708  |  |  | 703 | 07052                     | 05                            |  |  |   |  |
|              | Mount Batten                         | 827 | 72121 | 70608 | 10208 | 756//                             | 05715              | 87635  |  |  | 827                                  | 81923 | 57636 | 01808 | 7732//                            | 07749              | 85708  | 86710  | 88516  | 827 | 15062                     | 51                            | pr <sub>c</sub> r <sub>c</sub>                                 | r <sub>c</sub> rrR   |   |  |
|              | St.Mawgan                            | 817 | 81811 | 80038 | 09605 | 1552//                            | 03718              | 81625  | 88460  |  | 817                                  | 81923 | 56636 | 98507 | 872//                             | 07863              | 83703  | 88705  |  | 817 | 10042                     | 03                            | pr <sub>c</sub> r <sub>c</sub>                                 | rrR  |   |  |
|              | Scilly                               | 804 | 82017 | 75038 | 08309 | 884//                             | 05824              | 83815  | 88618  |  | 804                                  | 82019 | 15626 | 97010 | 871//                             | 10752              | 88702  |  |  | 804 | 11072                     | 04                            | irrr   | rr   |   |  |
|              | Culdrose                             | 809 | 72315 | 65028 | 09608 | 755//                             | 04817              | 87622  |  |  | 809                                  | 82024 | 40618 | 98808 | 851//                             | 08859              | 85702  | 88610  |  | 809 | 05082                     | 02                            | pr <sub>c</sub> ir <sub>c</sub>                                | pr <sub>c</sub> ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub> rr             |   |  |
|              | Guernsey                             | 894 | 62313 | 83038 | 13806 | 21634                             | 01806              | 82830  | 86075  |  | 894                                  | 81822 | 70602 | 07807 | 7547//                            | 04837              | 83618  | 86650  | 88459  | 894 | 02052                     | 51                            | +  |  | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub> rrr <sub>c</sub> r <sub>c</sub> |  |
|              | Elmdon                               | 534 | 62112 | 68031 | 08702 | 25704                             | 51002              | 82650  | 85075  |  | 534                                  | 81613 | 75032 | 03402 | 8092//                            | 01832              | 88459  |  |  | 534 | 92511                     | 54                            | +  |  | r <sub>c</sub> r  |  |
|              | Cardington                           | 559 | 02110 | 68020 | 10701 | 00900                             | 51110              |  |  |  | 559                                  | 61815 | 68011 | 06504 | 2567//                            | 01825              | 82635  | 85361  |  | 559 | 00501                     | 54                            | +  |  | +   |  |
|              | Wittering                            | 462 | 61907 | 75031 | 09751 | 00904                             | 52109              | 86075  |  |  | 462                                  | 61911 | 75011 | 06001 | 15532                             | 50823              | 81625  | 86075  |  | 462 | 00511                     | 53                            | +  |  | +   |  |
|              | Watnall                              | 354 | 42008 | 62030 | 08500 | 10934                             | 51005              | 81360  | 84075  |  | 354                                  | 71607 | 62021 | 04400 | 10938                             | 51826              | 81362  | 87270  |  | 354 | 91513                     | 54                            | +  |  | r <sub>c</sub>  |  |
|              | Shawbury                             | 414 | 71507 | 80031 | 07302 | 25536                             | 51808              | 82620  | 83360  | 87270  | 414                                  | 81305 | 75032 | 01503 | 6632//                            | 02737              | 86709  | 88459  |  | 414 | 91601                     | 56                            | +  |  | r <sub>c</sub> r <sub>c</sub>   |  |
|              | Finningley                           | 360 | 31809 | 68031 | 07001 | 00904                             | 51005              | 83075  |  |  | 360                                  | 81610 | 62031 | 03401 | 40932                             | 51825              | 84365  | 88472  |  | 360 | 00513                     | 54                            | +  |  | +   |  |
|              | Spurn Point                          | 396 | 02106 | 66020 | 08001 | 00900                             | 00215              |  |  |  | 396                                  | 31714 | 68030 | 05201 | 25670                             | 50716              | 82640  | 83360  |  | 396 |                           |                               | +  |  | +   |  |
|              | Leeming                              | 257 | 21606 | 80020 | 05302 | 15504                             | 51000              | 81625  |  |  | 257                                  | 81514 | 56041 | 01801 | 4542//                            | 00724              | 84615  | 88458  |  | 257 | 00003                     | 03                            | +  |  | +   |  |
|              | Tynemouth                            | 262 | 12009 | 69020 | 04301 | 10930                             | 52105              | 81358  |  |  | 262                                  | 71815 | 69021 | 01502 | 7097//                            | 00720              | 87359  |  |  | 262 | 00011                     | 51                            | +  |  | +   |  |
|              | Carlisle                             | 222 | 61408 | 75038 | 02702 | 685/2                             | 01804              | 81820  | 86623  |  | 222                                  | 81611 | 60216 | 98503 | 854//                             | 01733              | 81715  | 88630  |  | 222 | 92011                     | 53                            | ph <sub>c</sub> pr <sub>c</sub>                                | ir <sub>c</sub> r <sub>c</sub>   |   |  |
|              | Valley                               | 302 | 82117 | 81021 | 04107 | 11517                             | 03809              | 81824  | 88272  |  | 302                                  | 81532 | 58618 | 94906 | 854//                             | 04861              | 87714  | 88620  |  | 302 | 03051                     | 02                            | pr <sub>c</sub> r <sub>c</sub> r                               | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r |   |  |
|              | Ringway                              | 334 | 61711 | 65031 | 06902 | 35632                             | 51804              | 83637  | 84359  |  | 334                                  | 81614 | 65021 | 01703 | 8097//                            | 01734              | 88462  |  |  | 334 | 94001                     | 52                            | +  |  | r <sub>c</sub> r <sub>c</sub>   |  |
|              | Squires Gate                         | 318 | 61712 | 70031 | 04902 | 656//                             | 00707              | 86635  |  |  | 318                                  | 81416 | 57606 | 99602 | 5552//                            | 01734              | 85620  | 88529  |  | 318 | 01011                     | 51                            | +  |  | r <sub>c</sub> rsr <sub>c</sub> s <sub>c</sub>                                |  |
|              | Ronaldsway                           | 204 | 82312 | 82038 | 02806 | 624/7                             | 02810              | 82817  | 85822  | 88270  | 204                                  | 81722 | 58612 | 95206 | 7742//                            | 05751              | 82710  | 86713  | 88532  | 204 | 04051                     | 01                            | r <sub>c</sub>   | rrr <sub>c</sub> r <sub>c</sub>  |   |  |
|              | Mull of Galloway                     | 131 | 72415 | 82031 | 02203 | 58508                             | 02502              | 82825  | 84630  | 85275  | 131                                  | 81818 | 64616 | 94305 | 3742//                            | 05755              | 83710  | 88520  |  | 131 | 06032                     |                               |  |  |   |  |
|              | Eskdalemuir                          | 162 | 31904 | 75261 | 02751 | 28503                             | 52805              | 82820  |  |  | 162                                  | 81707 | 15738 | 98900 | 872//                             | 51728              | 88704  |  |  | 162 | 04516                     | 56                            | ps <sub>c</sub>  | pr <sub>c</sub> s <sub>c</sub> sss   |   |  |
|              | Prestwick                            | 135 | 52208 | 80011 | 01102 | 58401                             | 00805              | 81816  | 84640  |  | 135                                  | 81409 | 65611 | 96203 | 3547//                            | 02736              | 83616  | 86358  | 88460  | 135 | 93001                     | 52                            | +  |  | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub> ir <sub>c</sub>                 |  |
|              | Abbotsinch                           | 140 | 12410 | 82011 | 00002 | 18430                             | 51806              | 81818  |  |  | 140                                  | 80707 | 62581 | 96701 | 6552//                            | 50728              | 82622  | 84634  | 86650  | 140 | 02003                     | 54                            | +  |  | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub>    |  |
|              | Leuchars                             | 171 | 22005 | 75021 | 00701 | 25500                             | 51007              | 82622  |  |  | 171                                  | 70000 | 80031 | 98551 | 15536                             | 52714              | 81620  | 84362  | 87075  | 171 | 92523                     | 55                            | +  |  | r <sub>c</sub> r <sub>c</sub>   |  |
|              | Dyce                                 | 091 | 12108 | 84017 | 99601 | 15602                             | 52209              | 81640  |  |  | 091                                  | 22108 | 75030 | 98450 | 10935                             | 52711              | 81360  |  |  | 091 | 91513                     | 57                            | r <sub>c</sub>   | +  |   |  |
|              | Lerwick                              | 005 | 8     |       |       |                                   |                    |  |  |  |                                      |       |       |       |                                   |                    |  |  |  |     |                           |                               |  |  |   |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

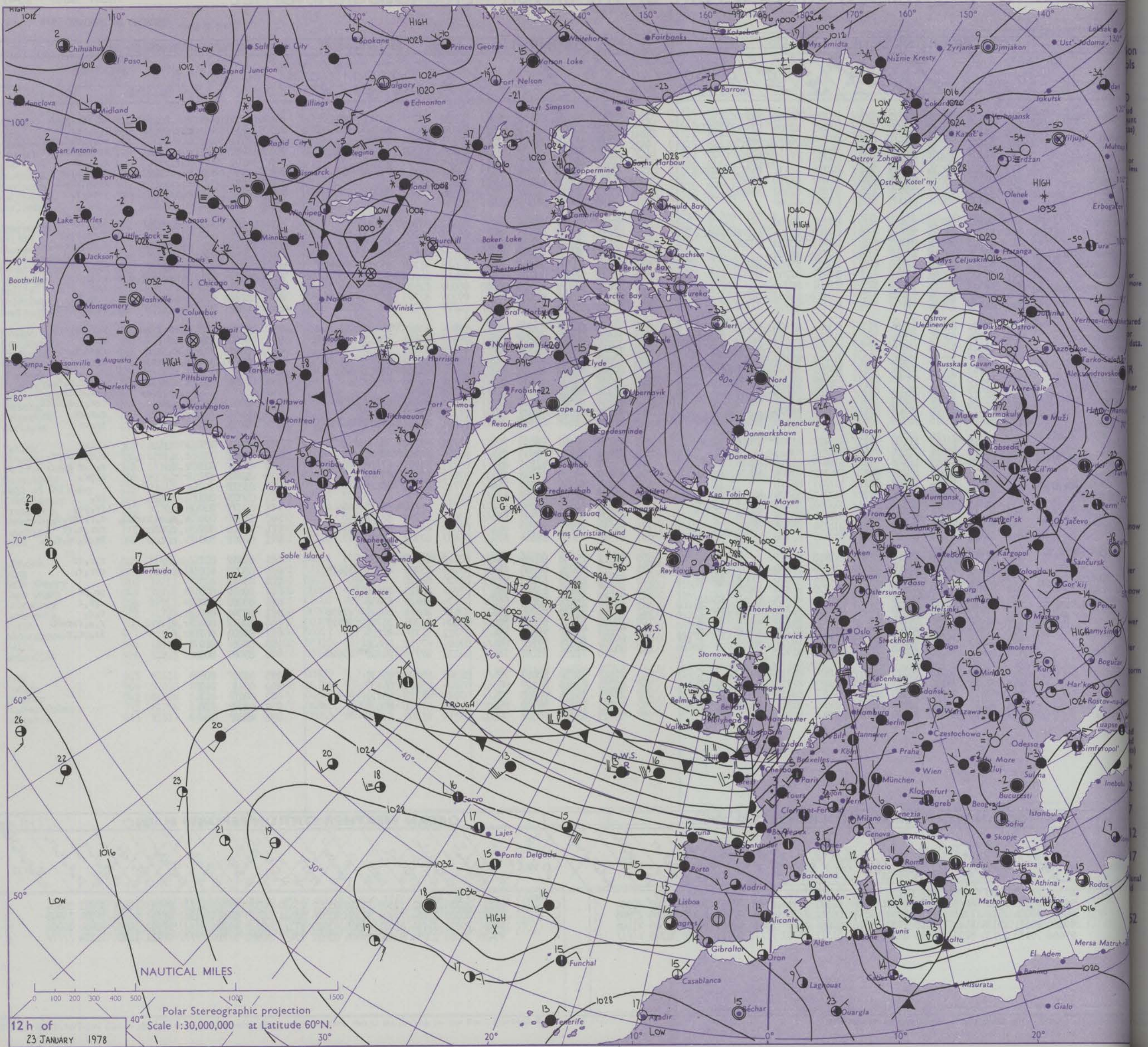
Date of Issue TUESDAY 24 JANUARY 1978

42432

| OBSERVATIONS at 12h. 23 January 1978 |     |       |       |       |                                   |                    |  |  |  |     | OBSERVATIONS at 18h. 23 January 1978 |       |       |                                   |                    |  |  |  |       |                     |                   | OBSERVATIONS during DAY |                 |  |  |  |  |  |  |  |  |  |
|--------------------------------------|-----|-------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|--------------------------------------|-------|-------|-----------------------------------|--------------------|--|--|--|-------|---------------------|-------------------|-------------------------|-----------------|--|--|--|--|--|--|--|--|--|
| Station                              | ill | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill | Nddff                                | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill   | RR T <sub>h</sub> F | SSS               | WEATHER                 |                 |  |  |  |  |  |  |  |  |  |
|                                      |     |       |       |       |                                   |                    |  |  |  |     |                                      |       |       |                                   |                    |  |  |  |       |                     |                   | 09h.—15h.               | 15h.—21h.       |  |  |  |  |  |  |  |  |  |
| Boscombe Down                        | 746 | 81727 | 58636 | 94105 | 872//                             | 05770              | 86705  | 88709  |  | 746 | 82011                                | 56626 | 88409 | 853//                             | 08806              | 83707  | 85711  | 88618  | 746   | 13101               | 000               | rrr.Rd.r.e.id.          | id.eirr.e.pr.e  |  |  |  |  |  |  |  |  |  |
| Hurn                                 | 862 | 81728 | 30635 | 95607 | 7722//                            | 07765              | 82704  | 87706  | 88512  | 862 | 82315                                | 61606 | 89711 | 873//                             | 09710              | 85707  | 88710  |  | 862   | 13111               | 001               | rrr.Rd.r.e.id.          | id.eirr.e.pr.e  |  |  |  |  |  |  |  |  |  |
| Manston                              | 797 | 81727 | 68021 | 03205 | 1142//                            | 02846              | 81815  | 88458  |  | 797 | 81929                                | 40517 | 91105 | 872//                             | 05751              | 83704  | 88706  |  | 797   | 07071               | 001               | r.r.rs                  | rd.r.d.d.e.rr.e |  |  |  |  |  |  |  |  |  |
| Gatwick                              | 776 | 81726 | 58636 | 00005 | 854//                             | 04751              | 83711  | 86615  | 88620  | 776 | 82116                                | 30206 | 89609 | 871//                             | 09629              | 88702  |  | 776  | 18092 | 000                 | r.r.rrRR          | rrd.e.d.Rr.e            |                 |  |  |  |  |  |  |  |  |  |
| Kew                                  | 775 | 81822 | 65616 | 98605 | 874//                             | 04756              | 85712  | 88715  |  | 775 | 72112                                | 60216 | 88410 | 754//                             | 08624              | 82715  | 87627  | 775  | 04101 | 000                 | r.r.RrRr          | r.e.ir.e                |                 |  |  |  |  |  |  |  |  |  |
| Heathrow                             | 772 | 81724 | 60636 | 98405 | 6542//                            | 04759              | 81711  | 86615  | 88540  | 772 | 72010                                | 58207 | 88709 | 754//                             | 09621              | 83615  | 87628  | 772  | 05101 | 000                 | r.r.RRSd.e        | d.e.r.d.e.r             |                 |  |  |  |  |  |  |  |  |  |
| Honington                            | 586 | 71520 | 78021 | 00005 | 1647//                            | 01847              | 81710  | 87462  |  | 586 | 81720                                | 38517 | 87104 | 872//                             | 04654              | 88704  |  | 586  | 10081 | 001                 | r.r.r.s           | rsr.s.d.e.r.d.e         |                 |  |  |  |  |  |  |  |  |  |
| Wattisham                            | 590 | 81623 | 65212 | 00804 | 2542//                            | 01852              | 82612  | 88462  |  | 590 | 81823                                | 35597 | 88204 | 871//                             | 04656              | 83702  | 88703  | 590  | 09072 | 001                 | r.r.r.r.s         | rd.r.d.e                |                 |  |  |  |  |  |  |  |  |  |
| Corlestone                           | 497 | 81830 | 58031 | 02005 | 8097//                            | 03750              | 88360  |  |  | 497 | 81850                                | 40636 | 88305 | 864//                             | 03797              | 88710  |  | 497  |       | 003                 |                   |                         |                 |  |  |  |  |  |  |  |  |  |
| Aberporth                            | 502 | 92515 | 08516 | 86909 | 9////                             | 09738              | 89/00  |  |  | 502 | 82316                                | 62606 | 85009 | 852//                             | 08817              | 83704  | 88630  | 502  | 05101 | 000                 | rrd.e.e.FFF       | ir.e                    |                 |  |  |  |  |  |  |  |  |  |
| Filton                               | 628 | 81718 | 58596 | 90707 | 853//                             | 07769              | 83706  | 84709  | 88622  | 628 | 82411                                | 58626 | 86609 | 873//                             | 08815              | 84709  | 88711  | 628  | 13101 | 000                 | rrRd.r.d.e        | d.e.r.e.r.r             |                 |  |  |  |  |  |  |  |  |  |
| Rhoose                               | 715 | 81815 | 20596 | 89208 | 872//                             | 08765              | 83703  | 88709  |  | 715 | 72417                                | 65216 | 86709 | 783//                             | 08814              | 82709  | 87615  | 715  | 10101 | 001                 | rr.e.r.d.r.d.e    | r.d.e.r.e.Rr.ir.e       |                 |  |  |  |  |  |  |  |  |  |
| Hartland Point                       | 703 | 82634 | 56616 | 87710 | 873//                             | 10736              | 88706  |  |  | 703 | 82734                                | 32026 | 86909 | 862//                             | 08516              | 88703  |  | 703  | 04102 | 000                 |                   |                         |                 |  |  |  |  |  |  |  |  |  |
| Mount Batten                         | 827 | 82323 | 45516 | 92910 | 871//                             | 10625              | 85702  | 88704  |  | 827 | 72619                                | 60216 | 90210 | 572//                             | 08613              | 81705  | 85707  | 87359  | 827   | 09111               | 000               | rrRd.e.r                | rrr.e           |  |  |  |  |  |  |  |  |  |
| St. Mawgan                           | 817 | 82525 | 40586 | 92511 | 870//                             | 10615              | 82701  | 88702  |  | 817 | 72521                                | 58026 | 90010 | 622//                             | 09610              | 86705  |  | 817  | 06112 | 000                 | drd.e.r.d.e.r.f   | rfd.e                   |                 |  |  |  |  |  |  |  |  |  |
| Scilly                               | 804 | 82527 | 30216 | 93911 | 873//                             | 11602              | 88707  |  |  | 804 | 52625                                | 65016 | 91710 | 25520                             | 08000              | 82620  | 85458  | 804  | 01111 | 000                 | ir.e              | ir.e                    |                 |  |  |  |  |  |  |  |  |  |
| Culdrose                             | 809 | 82622 | 20606 | 93410 | 870//                             | 10612              | 84701  | 88702  |  | 809 | 72616                                | 19106 | 91310 | 752//                             | 09305              | 82705  | 83709  | 87630  | 809   | 03111               | 000               | rrrrr.e.r.e.ir.e        | r.e.r.e.ir.e    |  |  |  |  |  |  |  |  |  |
| Guernsey                             | 894 | 81925 | 22636 | 99108 | 870//                             | 07735              | 84701  | 87702  |  | 894 | 32527                                | 11596 | 94410 | 870//                             | 10717              | 87700  |  | 894  | 16102 | 000                 | rrd.e.e.f         | d.e.d.f.f.rrr.rif       |                 |  |  |  |  |  |  |  |  |  |
| Elmdon                               | 534 | 81624 | 60696 | 92104 | 7732//                            | 03866              | 82709  | 87712  | 88550  | 534 | 72007                                | 60047 | 85009 | 754//                             | 08604              | 83612  | 86616  | 534  | 11091 | 000                 | r.e.R-RSrsr       | r.e.r.e-r.e.r.e         |                 |  |  |  |  |  |  |  |  |  |
| Cardington                           | 559 | 81724 | 63636 | 96906 | 7542//                            | 03858              | 82710  | 87614  | 88540  | 559 | 72318                                | 66216 | 86709 | 754//                             | 08620              | 84711  | 85613  | 87633  | 559   | 05092               | 000               | r.e.r.e.R               | d.e.r.e         |  |  |  |  |  |  |  |  |  |
| Wittering                            | 462 | 81621 | 57636 | 96004 | 6732//                            | 03759              | 82708  | 86710  | 88556  | 462 | 82212                                | 50217 | 85306 | 862//                             | 06629              | 83705  | 88707  | 462  | 09081 | 000                 | r.e.r.e.Rrs       | rsr.d.e                 |                 |  |  |  |  |  |  |  |  |  |
| Watnall                              | 354 | 81617 | 56636 | 93804 | 863//                             | 03762              | 81707  | 88709  |  | 354 | 72407                                | 35217 | 84407 | 772//                             | 07619              | 83704  | 87707  | 354  | 05081 | 000                 | r.e.r.r.srs       | r.e                     |                 |  |  |  |  |  |  |  |  |  |
| Sharnbury                            | 414 | 81515 | 58636 | 89306 | 5542//                            | 04863              | 82710  | 84614  | 88550  | 414 | 82103                                | 65216 | 84108 | 853//                             | 08607              | 82709  | 85712  | 88615  | 414   | 04091               | 002               | r.e.Rr.rid.e            | r.e             |  |  |  |  |  |  |  |  |  |
| Finningley                           | 360 | 81416 | 58697 | 93703 | 873//                             | 02760              | 84706  | 88709  |  | 360 | 81802                                | 30207 | 83105 | 863//                             | 04636              | 86706  | 88708  | 360  | 07051 | 000                 | r.e.r.e.s.e.r.srs | rsd.e.r.d.e.r.d.e       |                 |  |  |  |  |  |  |  |  |  |
| Spurn Point                          | 396 | 81629 | 60606 | 96804 | 874//                             | 03750              | 88715  |  |  | 396 | 81624                                | 58616 | 84404 | 874//                             | 04751              | 88710  |  | 396  |       |                     | ir.e.r.e.r        | rrr.e.ir.e              |                 |  |  |  |  |  |  |  |  |  |
| Leeming                              | 257 | 81622 | 35637 | 92403 | 862//                             | 03758              | 83705  | 88706  |  | 257 | 81804                                | 18586 | 83402 | 871//                             | 02737              | 83702  | 88703  | 257  | 08031 | 000                 | r.e.s.e.r         | rrr.e.r.d.e.r.e.f       |                 |  |  |  |  |  |  |  |  |  |
| Tynemouth                            | 262 | 81627 | 56616 | 92604 | 8052//                            | 03761              | 88520  |  |  | 262 | 81718                                | 61636 | 83803 | 8052//                            | 01736              | 88520  |  | 262  | 07051 | 000                 | r.e               | r.e.r                   |                 |  |  |  |  |  |  |  |  |  |
| Carlisle                             | 222 | 81617 | 65616 | 88105 | 6547//                            | 03760              | 81616  | 86645  | 88460  | 222 | 81614                                | 62216 | 81304 | 7547//                            | 02621              | 81712  | 84622  | 86633  | 222   | 02051               | 000               | r.e.r.r.e               | ir.e.ir         |  |  |  |  |  |  |  |  |  |
| Valley                               | 302 | 81618 | 61635 | 86507 | 7532//                            | 06827              | 81707  | 87614  | 88556  | 302 | 72119                                | 56106 | 82008 | 762//                             | 08716              | 87703  |  | 302  | 07081 | 000                 | RRrrr.e.r.e.if    | if.ir.e                 |                 |  |  |  |  |  |  |  |  |  |
| Ringway                              | 334 | 81717 | 58636 | 90506 | 7542//                            | 04752              | 87615  | 88530  |  | 334 | 71804                                | 45216 | 83806 | 752//                             | 06619              | 81704  | 87650  | 334  | 07081 | 000                 | r.e.r.e.RRr.e     | r.d.e.r.e.dr.pr.e       |                 |  |  |  |  |  |  |  |  |  |
| Squires Gate                         | 318 | 81623 | 57657 | 88906 | 5542//                            | 05645              | 81710  | 85614  | 88545  | 318 | 81607                                | 20606 | 82705 | 853//                             | 05718              | 83707  | 87710  | 88620  | 318   | 07071               | 000               | r.e.Rr                  | r.e.r           |  |  |  |  |  |  |  |  |  |
| Ronaldsday                           | 204 | 81925 | 60216 | 85407 | 6833//                            | 06742              | 83708  | 86636  | 88362  | 204 | 62210                                | 70036 | 80708 | 58531                             | 07619              | 83821  | 83070  | 204  | 01091 | 000                 | r.ir.e            | r.e.pr.e                |                 |  |  |  |  |  |  |  |  |  |
| Mull of Galloway                     | 131 | 81835 | 58616 | 83807 | 874//                             | 07745              | 88710  |  |  | 131 | 72215                                | 70016 | 79507 | 754//                             | 07710              | 82710  | 87625  | 131  | 03072 |                     |                   |                         |                 |  |  |  |  |  |  |  |  |  |
| Eskdalemuir                          | 162 | 81607 | 30687 | 89701 | 873//                             | 00753              | 85709  | 88712  |  | 162 | 80000                                | 50217 | 82102 | 873//                             | 01625              | 88706  |  | 162  | 09025 | 000                 | ssrsr.e.s.e       | ir.e                    |                 |  |  |  |  |  |  |  |  |  |
| Prestwick                            | 135 | 71315 | 68216 | 85304 | 5541//                            | 03750              | 81712  | 83615  | 85635  | 135 | 71511                                | 65602 | 79205 | 6847//                            | 05718              | 81710  | 83615  | 86640  | 135   | 01071               | 000               | ir.e                    | ir.e.pr.e       |  |  |  |  |  |  |  |  |  |
| Abbotsinch                           | 140 | 80813 | 30736 | 87201 | 872//                             | 01850              | 83704  | 88708  |  | 140 | 80609                                | 50587 | 80303 | 873//                             | 03621              | 81709  | 88713  | 140  | 10041 | 000                 | r.e.s.e.rsdrsd.e  | d.e.r.d.r.d.e           |                 |  |  |  |  |  |  |  |  |  |
| Leuchars                             | 171 | 81216 | 50696 | 90703 | 6732//                            | 01754              | 86708  | 88550  |  | 171 | 81110                                | 70217 | 82103 | 863//                             | 02629              | 84707  | 88711  | 171  | 15042 | 000                 | r.e.r.e.RRrs      | rsr.e.r.r               |                 |  |  |  |  |  |  |  |  |  |
| Dyce                                 | 091 | 81412 | 58617 | 93303 | 873//                             | 02835              | 81708  | 88710  |  | 091 | 81516                                | 56616 | 83504 | 873//                             | 03637              | 87707  | 88710  | 091  | 08051 | 000                 | s.e.r.e.r.r       | Rr.e.r.d.e.r.d.e        |                 |  |  |  |  |  |  |  |  |  |
| Lerwick                              | 005 | 51711 | 81158 | 93804 | 58400                             | 52810              | 84815  |  |  | 005 | 71312                                | 70158 | 90504 | 784/2                             | 00813              | 81813  | 87630  | 005  | 02052 | 021                 | ph.e              | r.e.r.r                 |                 |  |  |  |  |  |  |  |  |  |
| Wick                                 | 075 | 71708 | 84021 | 93204 | 18532                             | 51720              | 81820  | 87072  |  | 075 | 81219                                | 60636 | 84805 | 853//                             | 03745              | 83709  | 84713  | 88615  | 075   | 03052               | 010               | ir.e.r.e                | rrr.e           |  |  |  |  |  |  |  |  |  |
| Sule Skerry                          | 010 | 71907 | 84031 | 93305 | 12561                             | 02714              | 81820  | 83358  | 87070  | 010 | 81013                                | 80616 | 87205 | 875//                             | 03730              | 88720  |  | 010  | 03052 |                     |                   |                         |                 |  |  |  |  |  |  |  |  |  |
| Cape Wrath                           | 049 | 51811 | 84038 | 91403 | 18501                             | 51720              | 81820  | 85070  |  | 049 | 81412                                | 74808 | 83804 | 884//                             | 03746              | 86815  | 88620  | 049  | 02052 | 005                 | +                 | pr.e.pr                 |                 |  |  |  |  |  |  |  |  |  |
| Stornoway                            | 026 | 70907 | 82021 | 90104 | 15572                             | 01824              | 81623  | 84360  | 85462  | 026 | 80516                                | 70612 | 83804 | 6552//                            | 02726              | 86622  | 88458  | 026  |       |                     |                   |                         |                 |  |  |  |  |  |  |  |  |  |

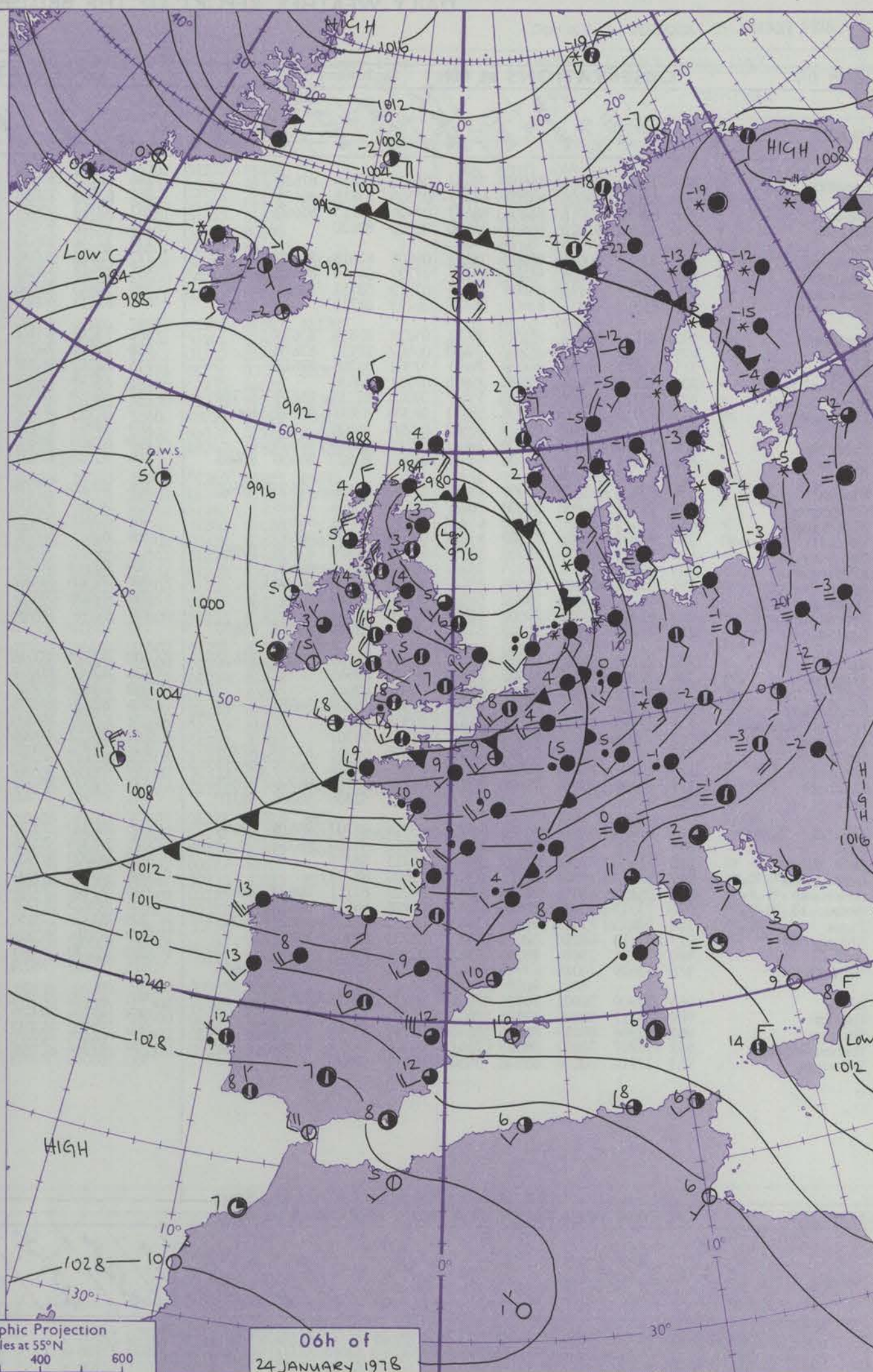
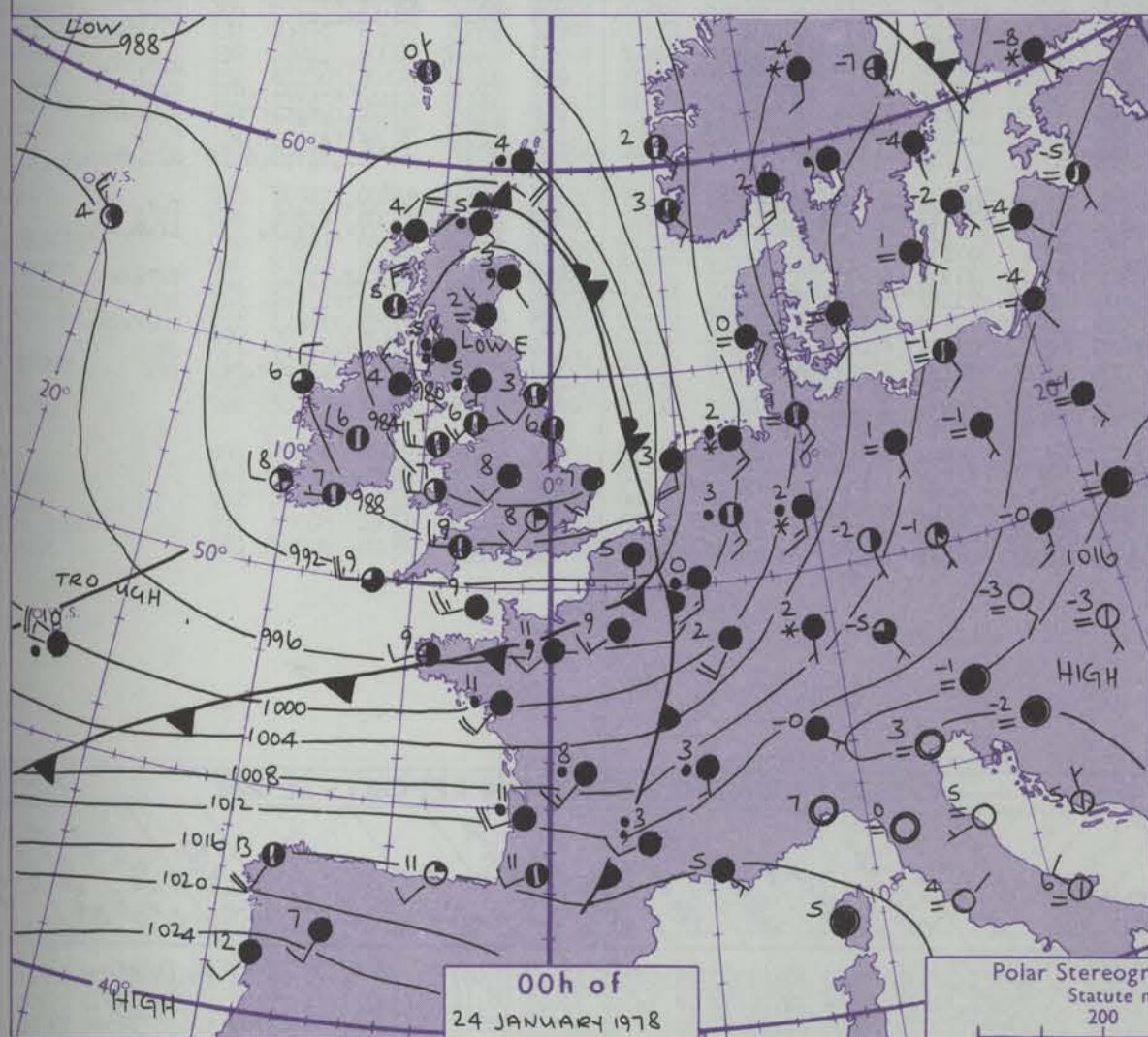
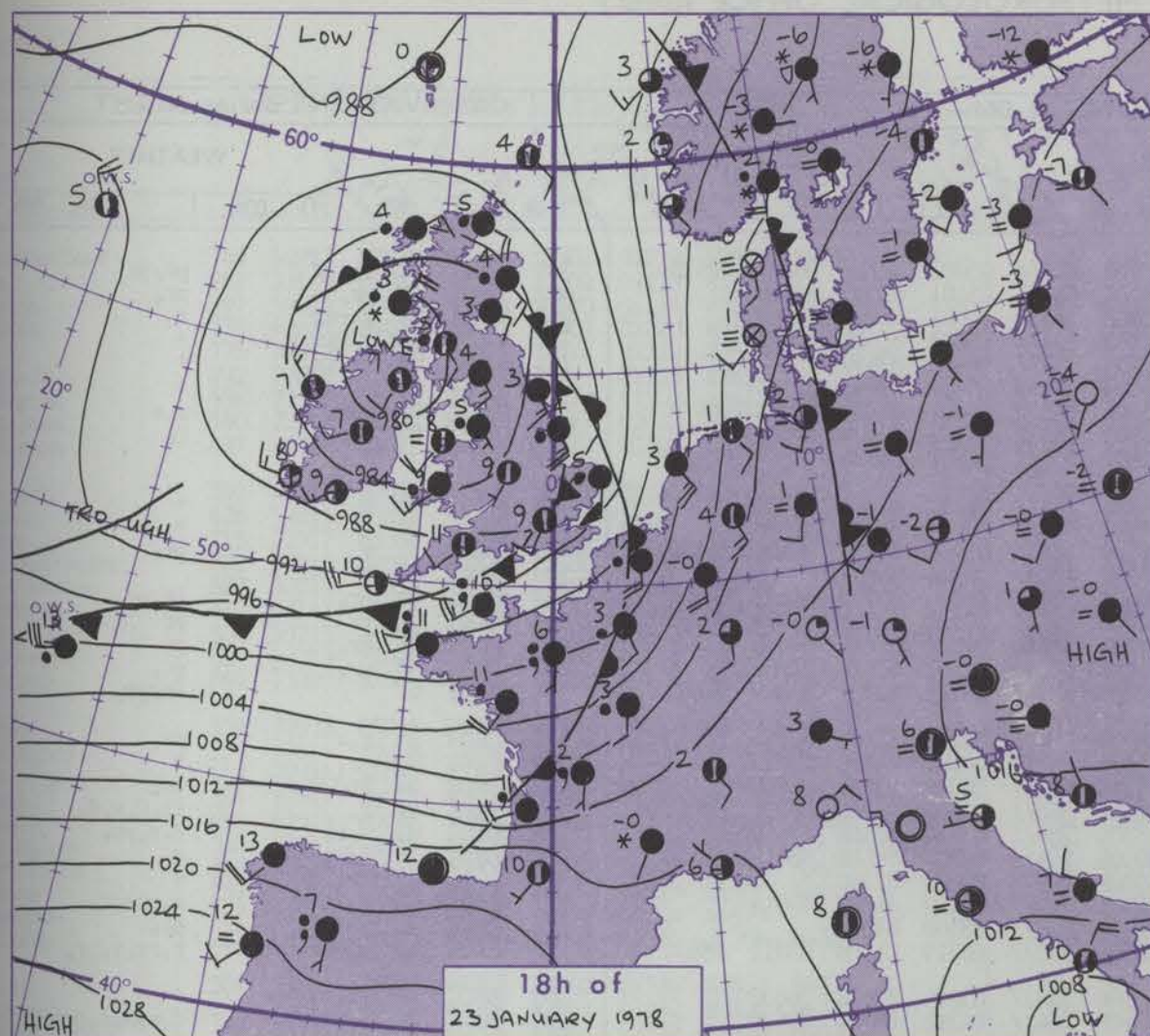


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a depression moved eastwards from northwest Ireland into the North Sea and its frontal troughs affected all parts of the British Isles. During the

next 24 hours the depression will continue to move slowly eastwards whilst a ridge of high pressure now west of Ireland moves into western districts.

Issued at midday TUESDAY 24 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. |     |       |        |       |  |                                   |  |  |  | OBSERVATIONS at 06h. |       |        |       |  |                                   |  |  |  |     | OBSERVATIONS during NIGHT |                               |  |           |   |  |  |  |  |  |
|----------------------|-----|-------|--------|-------|--|-----------------------------------|--|--|--|----------------------|-------|--------|-------|--|-----------------------------------|--|--|--|-----|---------------------------|-------------------------------|--|-----------|---|--|--|--|--|--|
| Code FM II.V         |     |       |        |       |  |                                   |  |  |  | Code FM II.V         |       |        |       |  |                                   |  |  |  |     | Code FM II.V              |                               |  |           |   |  |  |  |  |  |
| Station              | iii | Nddff | VVwwWW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                  | Nddff | VVwwWW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RRT <sub>n</sub> E        | T <sub>g</sub> T <sub>g</sub> | WEATHER  |           |   |  |  |  |  |  |
|                      |     |       |        |       |  |                                   |  |  |  |                      |       |        |       |  |                                   |  |  |  |     |                           |                               | 21h.—03h.  | 03h.—09h. |   |  |  |  |  |  |
| Boscombe Down        | 746 | 72410 | 75806  | 86607 | 784//  | 06602                             | 86814  | 87620  |  | 746                  | 82712 | 80808  | 87706 | 884//  | 05803                             | 82712  | 86820  | 88638  | 746 | 03041                     | 02                            | pr <sub>e</sub> pr   |           | pr <sub>e</sub> pr  |  |  |  |  |  |
| Hurn                 | 862 | 62411 | 70806  | 88209 | 684//  | 07505                             | 83818  | 84625  |  | 862                  | 62505 | 75018  | 89207 | 48531  | 05101                             | 81820  | 83624  |  | 862 | 92061                     | 04                            | pr <sub>e</sub>  |           | pr <sub>e</sub>   |  |  |  |  |  |
| Manston              | 797 | 62414 | 65016  | 86208 | 684//  | 07524                             | 81815  | 86640  |  | 797                  | 52314 | 65031  | 85906 | 18530  | 05001                             | 81820  | 85360  |  | 797 | 01061                     | 03                            | r <sub>e</sub> rd <sub>e</sub>                               |           | +   |  |  |  |  |  |
| Gatwick              | 776 | 32212 | 81026  | 86807 | 35500  | 06500                             | 82620  |  |  | 776                  | 72314 | 80036  | 86907 | 754//  | 05803                             | 81616  | 87645  |  | 776 | 94051                     | 01                            | r <sub>e</sub> rR <sub>e</sub> r <sub>e</sub>                |           | +   |  |  |  |  |  |
| Kew                  |     |       |        |       |  |                                   |  |  |  | 775                  | 72310 | 65026  | 86007 | 757//  | 04000                             | 87650  |  |  | 775 | 95061                     | 05                            | rr <sub>e</sub> ir <sub>e</sub>                              |           | +   |  |  |  |  |  |
| Heathrow             | 772 | 32310 | 80016  | 86108 | 38401  | 06605                             | 81818  | 83650  |  | 772                  | 72512 | 80036  | 86607 | 7095//   | 05301                             | 87360  |  |  | 772 | 91061                     | 03                            | r <sub>e</sub>   |           | +   |  |  |  |  |  |
| Honington            | 586 | 82211 | 59216  | 83108 | 854//  | 07722                             | 84616  | 87622  | 88640  | 586                  | 72411 | 68036  | 83406 | 28572  | 04801                             | 81824  | 84360  | 86075  | 586 | 03051                     | 03                            | rR <sub>e</sub> r <sub>e</sub>                               |           | r <sub>e</sub> r  |  |  |  |  |  |
| Wattisham            | 590 | 72213 | 61216  | 84008 | 754//  | 07619                             | 82711  | 87614  |  | 590                  | 52415 | 75036  | 84305 | 25532  | 03102                             | 82624  | 83075  |  | 590 | 01052                     | 03                            | r <sub>e</sub> d <sub>e</sub> r <sub>e</sub>                 |           | r <sub>e</sub>  |  |  |  |  |  |
| Gorleston            | 497 | 81912 | 66216  | 83807 | 864//  | 06725                             | 88710  |  |  | 497                  | 82414 | 60022  | 82907 | 855//  | 06502                             | 88625  |  |  | 497 |                           |                               |  |           |   |  |  |  |  |  |
| Aberporth            | 502 | 42720 | 84016  | 86207 | 38431  | 05218                             | 81818  | 83635  |  | 502                  | 73218 | 82021  | 89106 | 784//  | 01112                             | 84818  | 87630  |  | 502 | 96051                     | 03                            | r <sub>e</sub>   |           | +   |  |  |  |  |  |
| Filton               | 628 | 42618 | 70016  | 86208 | 45400  | 06502                             | 81712  | 83620  |  | 628                  | 72811 | 70011  | 87907 | 784//  | 03004                             | 81712  | 87630  |  | 628 | 00051                     | 02                            | +  |           | +   |  |  |  |  |  |
| Rhoose               | 715 | 72617 | 56056  | 86608 | 752//  | 07303                             | 82705  | 87614  |  | 715                  | 72713 | 66808  | 88506 | 784//  | 03208                             | 81712  | 84820  | 87630  | 715 | 95051                     | 51                            | r  |           | pr <sub>e</sub>   |  |  |  |  |  |
| Hartland Point       | 703 | 32928 | 66016  | 87508 | 35600  | 07211                             | 83630  |  |  | 703                  | 73115 | 70258  | 89507 | 62430  | 06206                             | 86812  |  |  | 703 | 00061                     | 05                            |  |           |   |  |  |  |  |  |
| Mount Batten         | 827 | 72720 | 62028  | 90310 | 5543//   | 07305                             | 81715  | 85623  | 87359  | 827                  | 82710 | 70026  | 90408 | 854//  | 06704                             | 82710  | 88650  |  | 827 | 91071                     | 04                            | pr <sub>e</sub>  |           | ir <sub>e</sub> pr <sub>e</sub>   |  |  |  |  |  |
| St.Mawgan            | 817 | 72718 | 70028  | 90709 | 58431  | 06308                             | 83810  | 83622  | 86075  | 817                  | 72910 | 70258  | 90808 | 783//  | 07501                             | 82708  | 85812  | 87635  | 817 | 95061                     | 04                            | pr   |           | pr  |  |  |  |  |  |
| Scilly               | 804 | 62723 | 65012  | 92609 | 45502  | 07208                             | 84620  |  |  | 804                  | 52915 | 65216  | 92308 | 38470  | 07501                             | 82817  | 84360  |  | 804 | 03082                     | 05                            | pr <sub>e</sub>  |           | pr  |  |  |  |  |  |
| Culdrose             | 809 | 72820 | 50258  | 91509 | 784//  | 07108                             | 83815  | 87625  |  | 809                  | 42809 | 70258  | 91408 | 43400  | 07507                             | 82918  | 84630  |  | 809 | 01061                     | 03                            | pr <sub>e</sub>  |           | pr <sub>e</sub>   |  |  |  |  |  |
| Guernsey             | 894 | 82624 | 70036  | 93109 | 5557//   | 06503                             | 82620  | 84650  | 87466  | 894                  | 72616 | 62031  | 92009 | 753//  | 08711                             | 82707  | 83709  | 86645  | 894 | 02071                     | 07                            | +  |           | irr <sub>e</sub> r <sub>e</sub>   |  |  |  |  |  |
| Elmdon               | 534 | 82210 | 62211  | 82908 | 854//  | 07607                             | 81710  | 83630  | 88640  | 534                  | 72614 | 75028  | 84905 | 7843//   | 02209                             | 81818  | 87656  |  | 534 | 02051                     | 03                            | r <sub>e</sub> r   |           | pr <sub>e</sub>   |  |  |  |  |  |
| Cardington           | 559 | 72516 | 60808  | 84008 | 784//  | 07509                             | 85814  | 87648  |  | 559                  | 72614 | 75038  | 85006 | 755//  | 04104                             | 84620  | 87635  |  | 559 | 94041                     | 02                            | pr <sub>e</sub>  |           | +   |  |  |  |  |  |
| Wittering            | 462 | 62415 | 80216  | 82708 | 653//  | 07714                             | 83706  | 86640  |  | 462                  | 62518 | 82216  | 83206 | 684//  | 04000                             | 83816  | 86640  |  | 462 | 02051                     | 04                            | rR <sub>e</sub> d <sub>e</sub> r <sub>e</sub> r <sub>e</sub> |           | ir <sub>e</sub>   |  |  |  |  |  |
| Watnall              | 354 | 82305 | 15601  | 82107 | 850//  | 06510                             | 86701  | 88613  |  | 354                  | 82615 | 60586  | 82605 | 853//  | 03400                             | 83708  | 83711  | 88615  | 354 | 94041                     | 02                            | r <sub>e</sub>   |           | ir <sub>e</sub> d <sub>e</sub> r <sub>e</sub> d <sub>e</sub>                |  |  |  |  |  |
| Shawbury             | 414 | 72411 | 80025  | 82208 | 3853//   | 06505                             | 81820  | 83635  | 87360  | 414                  | 72712 | 78808  | 85205 | 784//  | 03214                             | 83816  | 87626  |  | 414 | 92051                     | 03                            | d <sub>e</sub> r <sub>e</sub>                                |           | r <sub>e</sub> r <sub>e</sub> pr <sub>e</sub>                               |  |  |  |  |  |
| Finningley           | 360 | 71906 | 20282  | 80705 | 755//  | 05711                             | 83622  | 87650  |  | 360                  | 82513 | 70036  | 80506 | 854//  | 04702                             | 84612  | 88616  |  | 360 | 97031                     | 50                            | ifr <sub>e</sub>   |           | r <sub>e</sub>  |  |  |  |  |  |
| Spurn Point          | 396 | 71808 | 65026  | 81406 | 4741//   | 05714                             | 84715  | 87460  |  | 396                  | 72310 | 66022  | 80706 | 7097//   | 05801                             | 87360  |  |  | 396 |                           |                               | ir <sub>e</sub>  |           | +   |  |  |  |  |  |
| Leeming              | 257 | 51610 | 03466  | 79702 | 560//  | 02719                             | 85701  |  |  | 257                  | 72606 | 75026  | 78804 | 784//  | 03602                             | 84812  | 86616  |  | 257 | 93011                     | 00                            | r <sub>e</sub> ff  |           | r <sub>e</sub> pr <sub>e</sub> pr <sub>e</sub>                              |  |  |  |  |  |
| Tynemouth            | 262 | 62007 | 23286  | 79602 | 6093//   | 02716                             | 86358  |  |  | 262                  | 82707 | 75028  | 78704 | 8097//   | 03500                             | 88358  |  |  | 262 | 95011                     | 51                            | rr <sub>e</sub> pr <sub>e</sub>                              |           | pr <sub>e</sub>   |  |  |  |  |  |
| Carlisle             | 222 | 81803 | 57636  | 78305 | 853//  | 05712                             | 83709  | 84712  | 88620  | 222                  | 82910 | 62216  | 80504 | 853//  | 03319                             | 81706  | 83712  | 88630  | 222 | 08032                     | 00                            | r <sub>e</sub> r <sub>e</sub> r <sub>e</sub>                 |           | r <sub>e</sub> rr <sub>e</sub> r <sub>e</sub> r <sub>e</sub>                |  |  |  |  |  |
| Valley               | 302 | 72723 | 62032  | 82207 | 753//  | 05304                             | 81709  | 84614  | 87622  | 302                  | 73023 | 70016  | 86906 | 7542//   | 02224                             | 83618  | 86630  |  | 302 | 97051                     | 03                            | ir <sub>e</sub>  |           | +   |  |  |  |  |  |
| Ringway              | 334 | 72205 | 70028  | 81507 | 756//  | 07504                             | 87645  |  |  | 334                  | 82815 | 60218  | 83105 | 854//  | 04311                             | 83712  | 88620  |  | 334 | 01051                     | 04                            | pr <sub>e</sub> r <sub>e</sub> r <sub>e</sub>                |           | d <sub>e</sub> r <sub>e</sub> d <sub>e</sub> d <sub>e</sub> rr <sub>e</sub> |  |  |  |  |  |
| Squires Gate         | 318 | 72416 | 65026  | 80306 | 756//  | 05607                             | 87640  |  |  | 318                  | 83017 | 60616  | 82805 | 854//  | 04224                             | 82710  | 88620  |  | 318 | 01051                     | 02                            | ir <sub>e</sub> pr <sub>e</sub>                              |           | ir <sub>e</sub> pr <sub>e</sub>   |  |  |  |  |  |
| Ronaldsway           | 204 | 82716 | 70608  | 79507 | 853//  | 05305                             | 86709  | 88618  |  | 204                  | 83124 | 58636  | 84505 | 854//  | 03226                             | 84714  | 88622  |  | 204 | 04051                     | 03                            | drr <sub>e</sub> r <sub>e</sub>                              |           | rR <sub>e</sub> pr <sub>e</sub>   |  |  |  |  |  |
| Mull of Galloway     | 131 | 82915 | 78032  | 78406 | 864//  | 06301                             | 88712  |  |  | 131                  | 63535 |        |       |  |                                   |  |  |  |     |                           |                               |  |           |   |  |  |  |  |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

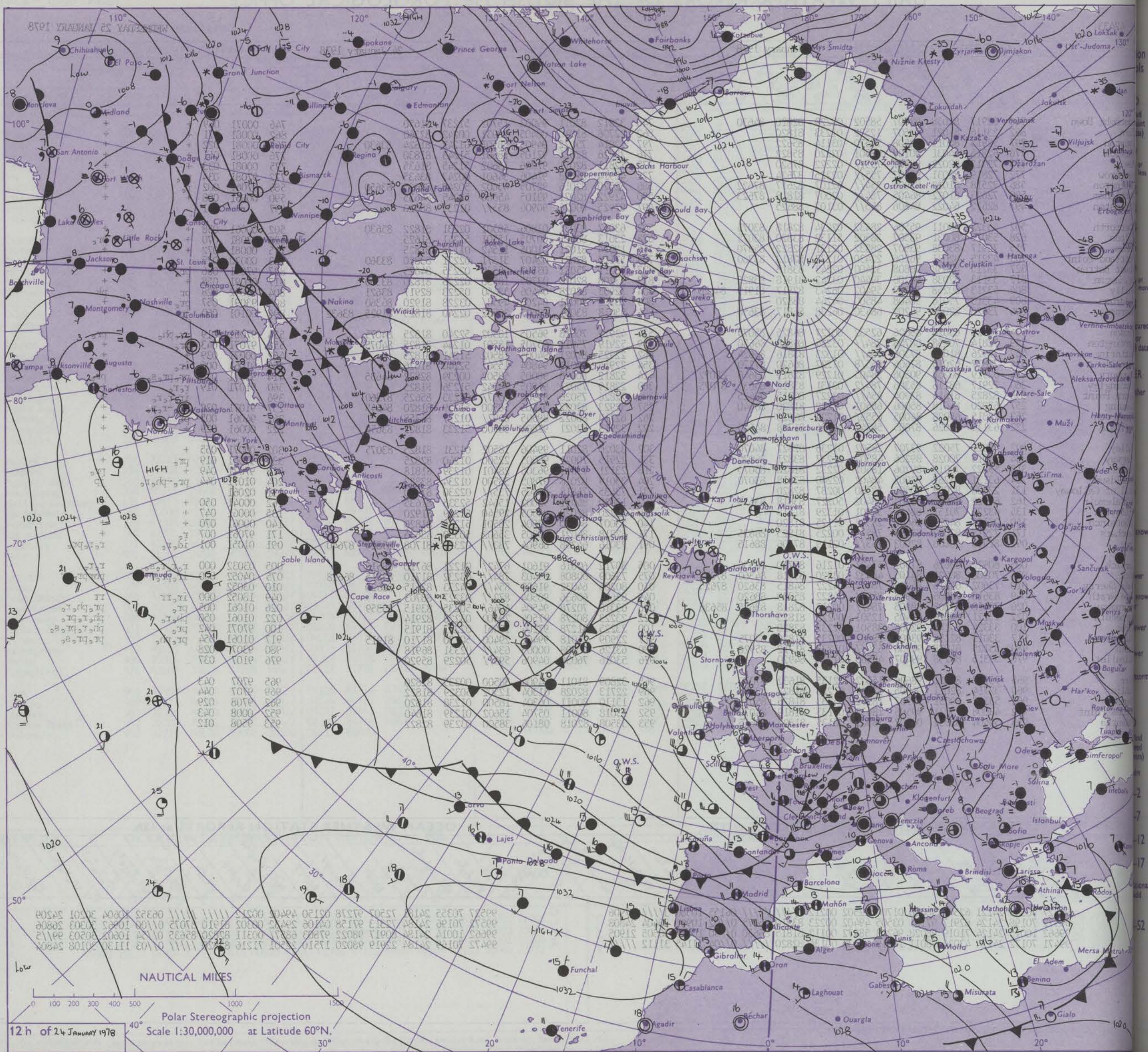
No. 42433

Date of Issue WEDNESDAY 25 JANUARY 1978

| Code FM 11.V |                  | OBSERVATIONS at 12h. 24 January 1978 |       |       |       |  |                                   |  |  |  |  | OBSERVATIONS at 18h. 24 January 1978 |       |       |       |  |                                   |  |  |  |  | OBSERVATIONS during DAY |                      |       |   |                                |   |
|--------------|------------------|--------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|--|--------------------------------------|-------|-------|-------|--|-----------------------------------|--|--|--|--|-------------------------|----------------------|-------|---|--------------------------------|---|
| 09h.         | Station          | iii                                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | iii                                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> |  | iii                     | RRT x T <sub>E</sub> | SSS   | WEATHER   |                                |   |
|              |                  |                                      |       |       |       |  |                                   |  |  |  |  |                                      |       |       |       |  |                                   |  |  |  |  |                         |                      |       | 09h.—15h.   | 15h.—21h.                      |   |
|              | Boscombe Down    | 746                                  | 62917 | 82038 | 92007 | 58502  | 02229                             | 82820  | 84630  |  |  | 746                                  | 32812 | 82011 | 99003 | 15702  | 51237                             | 81650  |  |  |  | 746                     | 00071                | 069   | +   | +                              |   |
|              | Hurn             | 862                                  | 23116 | 81021 | 93507 | 12532  | 01233                             | 81820  |  |  |  | 862                                  | 22706 | 81010 | 00405 | 20931  | 00242                             | 82360  |  |  |  | 862                     | 00081                | 071   | +   | +                              |   |
|              | Manston          | 797                                  | 52915 | 80011 | 88508 | 55570  | 03114                             | 85622  |  |  |  | 797                                  | 52914 | 75022 | 94905 | 38501  | 01242                             | 81824  | 83630  |  |  | 797                     | 00081                | 022   | +   | +                              |   |
|              | Gatwick          | 776                                  | 62815 | 84031 | 90107 | 68501  | 02220                             | 85822  |  |  |  | 776                                  | 22916 | 82011 | 97105 | 18601  | 51243                             | 81830  |  |  |  | 776                     | 00081                | 041   | +   | +                              |   |
|              | Kew              | 775                                  | 72912 | 82022 | 90107 | 755//  | 02222                             | 87620  |  |  |  | 775                                  | 12811 | 82011 | 97006 | 15602  | 51245                             | 81635  |  |  |  | 775                     | 00081                | 033   | +   | +                              |   |
|              | Heathrow         | 772                                  | 72819 | 82031 | 90607 | 755//  | 02225                             | 87624  |  |  |  | 772                                  | 42914 | 81038 | 97406 | 34601  | 00247                             | 83635  |  |  |  | 772                     | 97081                | 034   | pr <sub>c</sub>                                   | +                              |   |
|              | Honington        | 586                                  | 72518 | 81032 | 85906 | 754//  | 02107                             | 82617  | 87622  |  |  | 586                                  | 52720 | 82016 | 92705 | 45602  | 50240                             | 82635  | 83650  |  |  | 586                     | 97061                | 002   | r <sub>c</sub>                                    | +                              |   |
|              | Wattisham        | 590                                  | 72623 | 81022 | 86405 | 784//  | 02007                             | 81818  | 87623  |  |  | 590                                  | 42922 | 82021 | 93105 | 45600  | 50245                             | 84635  |  |  |  | 590                     | 00061                | 008   | +   | +                              |   |
|              | Gorleston        | 497                                  | 82622 | 64022 | 84806 | 855//  | 03107                             | 88625  |  |  |  | 497                                  | 82925 | 60026 | 90906 | 855//  | 01239                             | 88620  |  |  |  | 497                     | 001                  | 001   |   |                                |   |
|              | Aberporth        | 502                                  | 43322 | 80011 | 95506 | 28432  | 01234                             | 82818  | 83075  |  |  | 502                                  | 63017 | 83031 | 01806 | 58501  | 02231                             | 81822  | 85630  |  |  | 502                     | 00061                | 059   | +   | +                              |   |
|              | Filton           | 628                                  | 53015 | 80031 | 93507 | 38502  | 51132                             | 83820  | 83075  |  |  | 628                                  | 23013 | 80021 | 00705 | 15501  | 51241                             | 81625  |  |  |  | 628                     | 97081                | 070   | +   | pr <sub>c</sub>                |   |
|              | Rhoose           | 715                                  | 72917 | 83038 | 93907 | 28532  | 02131                             | 82822  | 85070  |  |  | 715                                  | 12814 | 81021 | 01005 | 11542  | 01137                             | 81825  |  |  |  | 715                     | 00081                | 072   | +   | +                              |   |
|              | Hartland Point   | 703                                  | 43215 | 82031 | 96206 | 22430  | 01237                             | 82812  | 83360  |  |  | 703                                  | 53110 | 82021 | 02407 | 31571  | 02231                             | 83820  | 83360  |  |  | 703                     | 00070                | 075   |   |                                |   |
|              | Mount Batten     | 827                                  | 33215 | 83038 | 96808 | 32400  | 02243                             | 83818  |  |  |  | 827                                  | 53011 | 75031 | 03307 | 45530  | 02235                             | 84625  |  |  |  | 827                     | 97091                | 066   | pr <sub>c</sub>                                   | +                              |   |
|              | St. Mawgan       | 817                                  | 33113 | 82038 | 98208 | 39440  | 03242                             | 81918  | 83822  |  |  | 817                                  | 33208 | 82020 | 03705 | 18530  | 02228                             | 81820  | 83360  |  |  | 817                     | 00091                | 058   | +   | +                              |   |
|              | Scilly           | 804                                  | 53213 | 80258 | 99709 | 59402  | 06243                             | 82817  | 81919  | 84620  |  | 804                                  | 32903 | 82028 | 04406 | 33460  | 05223                             | 82917  | 83621  |  |  | 804                     | 05092                | 028   | pr  | pR                             |   |
|              | Culdrose         | 809                                  | 43313 | 75018 | 98408 | 48500  | 04244                             | 83820  |  |  |  | 809                                  | 73105 | 70031 | 04206 | 4953/  | 03228                             | 81920  | 86360  |  |  | 809                     | 93091                | 057   | pr <sub>c</sub>                                   | +                              |   |
|              | Guernsey         | 894                                  | 73020 | 82036 | 96209 | 68430  | 06238                             | 84817  | 83650  |  |  | 894                                  | 53018 | 83031 | 03607 | 39532  | 02240                             | 81825  | 81925  | 83632  |  |                         | 894                  | 00101 | 060   | JP                             | +   |
|              | Elmdon           | 534                                  | 72923 | 65028 | 89606 | 62532  | 00127                             | 86825  | 85075  |  |  | 534                                  | 42919 | 70018 | 96505 | 18502  | 52240                             | 81825  | 84075  |  |  | 534                     | 97061                | 019   | pr <sub>c</sub> ph <sub>c</sub>                   | pr <sub>c</sub>                |   |
|              | Cardington       | 559                                  | 72814 | 70258 | 88706 | 784//  | 03224                             | 86818  | 86630  |  |  | 559                                  | 52919 | 75011 | 95705 | 18501  | 01244                             | 81825  | 84075  |  |  | 559                     | 97071                | 043   | pr <sub>c</sub>                                   | +                              |   |
|              | Wittering        | 462                                  | 72926 | 81032 | 87306 | 784//  | 01323                             | 83816  | 86624  |  |  | 462                                  | 22925 | 81021 | 94005 | 18502  | 51241                             | 81825  |  |  |  | 462                     | 00071                | 039   | +   | +                              |   |
|              | Watnall          | 354                                  | 72817 | 62016 | 87606 | 655/8  | 01227                             | 86620  | 87270  |  |  | 354                                  | 22914 | 80011 | 94804 | 15501  | 52240                             | 81626  |  |  |  | 354                     | 91061                | 006   | ir <sub>c</sub>                                   | +                              |   |
|              | Shawbury         | 414                                  | 62919 | 80258 | 90806 | 38405  | 01229                             | 82819  | 83640  | 85072  |  | 414                                  | 52812 | 80038 | 98005 | 58502  | 00239                             | 82822  | 84635  |  |  | 414                     | 93071                | 028   | pr <sub>c</sub> pr <sub>c</sub> se                | pr <sub>c</sub>                |   |
|              | Finningley       | 360                                  | 72917 | 68216 | 85306 | 784/2  | 02131                             | 83818  | 85635  | 87075  |  | 360                                  | 22819 | 75021 | 91805 | 28542  | 51236                             | 81825  |  |  |  | 360                     | 91071                | 019   | r <sub>c</sub> r <sub>c</sub>                     | +                              |   |
|              | Spurn Point      | 396                                  | 82825 | 61616 | 83904 | 854//  | 03227                             | 86715  | 88625  |  |  | 396                                  | 72826 | 75026 | 89906 | 5557/  | 01233                             | 85625  | 87360  |  |  | 396                     |                      |       | ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub>     | +                              |   |
|              | Leeming          | 257                                  | 63020 | 84018 | 85006 | 68501  | 02229                             | 81820  | 86640  |  |  | 257                                  | 52923 | 82022 | 91405 | 58500  | 51239                             | 81820  | 84645  |  |  | 257                     | 91071                | 022   | pr <sub>c</sub> -r <sub>c</sub> r <sub>c</sub>    | +                              |   |
|              | Tynemouth        | 262                                  | 72815 | 69028 | 84005 | 6553/  | 01224                             | 86625  |  |  |  | 262                                  | 62718 | 80022 | 89605 | 6097/  | 01237                             | 86358  |  |  |  | 262                     | 94061                | 005   | pr  | +                              |   |
|              | Carlisle         | 222                                  | 63116 | 82026 | 87005 | 58341  | 01234                             | 81708  | 84645  |  |  | 222                                  | 32913 | 82021 | 92804 | 38500  | 51233                             | 81822  | 83650  |  |  | 222                     | 00061                | 029   | +   | +                              |   |
|              | Valley           | 302                                  | 53021 | 75022 | 93707 | 28502  | 01236                             | 82827  | 84070  |  |  | 302                                  | 33020 | 82011 | 99406 | 18502  | 01231                             | 81825  | 83075  |  |  | 302                     | 00071                | 055   | +   | +                              |   |
|              | Ringway          | 334                                  | 73015 | 70028 | 89206 | 48502  | 01237                             | 83821  | 86070  |  |  | 334                                  | 22915 | 70021 | 96005 | 22500  | 01240                             | 82825  |  |  |  | 334                     | 97061                | 019   | pr <sub>c</sub>                                   | +                              |   |
|              | Squires Gate     | 318                                  | 53222 | 70018 | 89206 | 18501  | 02232                             | 81820  | 85070  |  |  | 318                                  | 23121 | 75011 | 96305 | 28401  | 01239                             | 81818  |  |  |  | 318                     | 97071                | 049   | +   | pr <sub>c</sub>                |   |
|              | Ronaldsway       | 204                                  | 63121 | 75256 | 92006 | 48402  | 02240                             | 83818  | 83070  |  |  | 204                                  | 33019 | 82018 | 97805 | 38500  | 01234                             | 83822  |  |  |  | 204                     | 01071                | 044   | pr <sub>c</sub> -ph <sub>c</sub> r <sub>c</sub>   | JP                             |   |
|              | Mull of Galloway | 131                                  | 23538 | 82028 | 90506 | 22500  | 00237                             | 82820  |  |  |  | 131                                  | 73435 | 74818 | 96405 | 735//  | 02230                             | 87920  |  |  |  | 131                     | 02061                |       |   | +                              |   |
|              | Eskdalemuir      | 162                                  | 63022 | 80036 | 86403 | 48402  | 50227                             | 83818  | 83635  |  |  | 162                                  | 13030 | 86021 | 92002 | 15642  | 52335                             | 81635  |  |  |  | 162                     | 00041                | 050   | +   | +                              |   |
|              | Prestwick        | 135                                  | 43230 | 70151 | 88406 | 38401  | 01329                             | 81818  |  |  |  | 135                                  | 23220 | 82020 | 94505 | 29540  | 51229                             | 81920  |  |  |  | 135                     | 00061                | 047   | +   | +                              |   |
|              | Abbotsinch       | 140                                  | 23125 | 84021 | 86606 | 28542  | 51125                             | 81820  |  |  |  | 140                                  | 23007 | 84020 | 93004 | 28501  | 51234                             | 81820  |  |  |  | 140                     | 00061                | 070   | +   | +                              |   |
|              | Leuchars         | 171                                  | 72918 | 82027 | 83605 | 785//  | 00225                             | 81825  | 86635  |  |  | 171                                  | 42818 | 86021 | 89305 | 35602  | 50330                             | 83635  |  |  |  | 171                     | 97061                | 007   | r <sub>c</sub>                                    | +                              |   |
|              | Dyce             | 091                                  | 82916 | 70606 | 82003 | 853//  | 02119                             | 87706  | 88615  |  |  | 091                                  | 73016 | 64258 | 86904 | 783//  | 02327                             | 81708  | 85814  | 87640  |  |                         | 091                  | 01051 | 001   | id <sub>c</sub> r <sub>c</sub> | r <sub>c</sub> r <sub>c</sub> pr <sub>c</sub> |
|              | Lerwick          | 005                                  | 80922 | 60616 | 87902 | 5742/  | 01216                             | 85710  | 88556  |  |  | 005                                  | 80712 | 60616 | 91601 | 6742/  | 01221                             | 86710  | 88516  |  |  | 005                     | 03032                | 000   | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> se</ |                                |   |

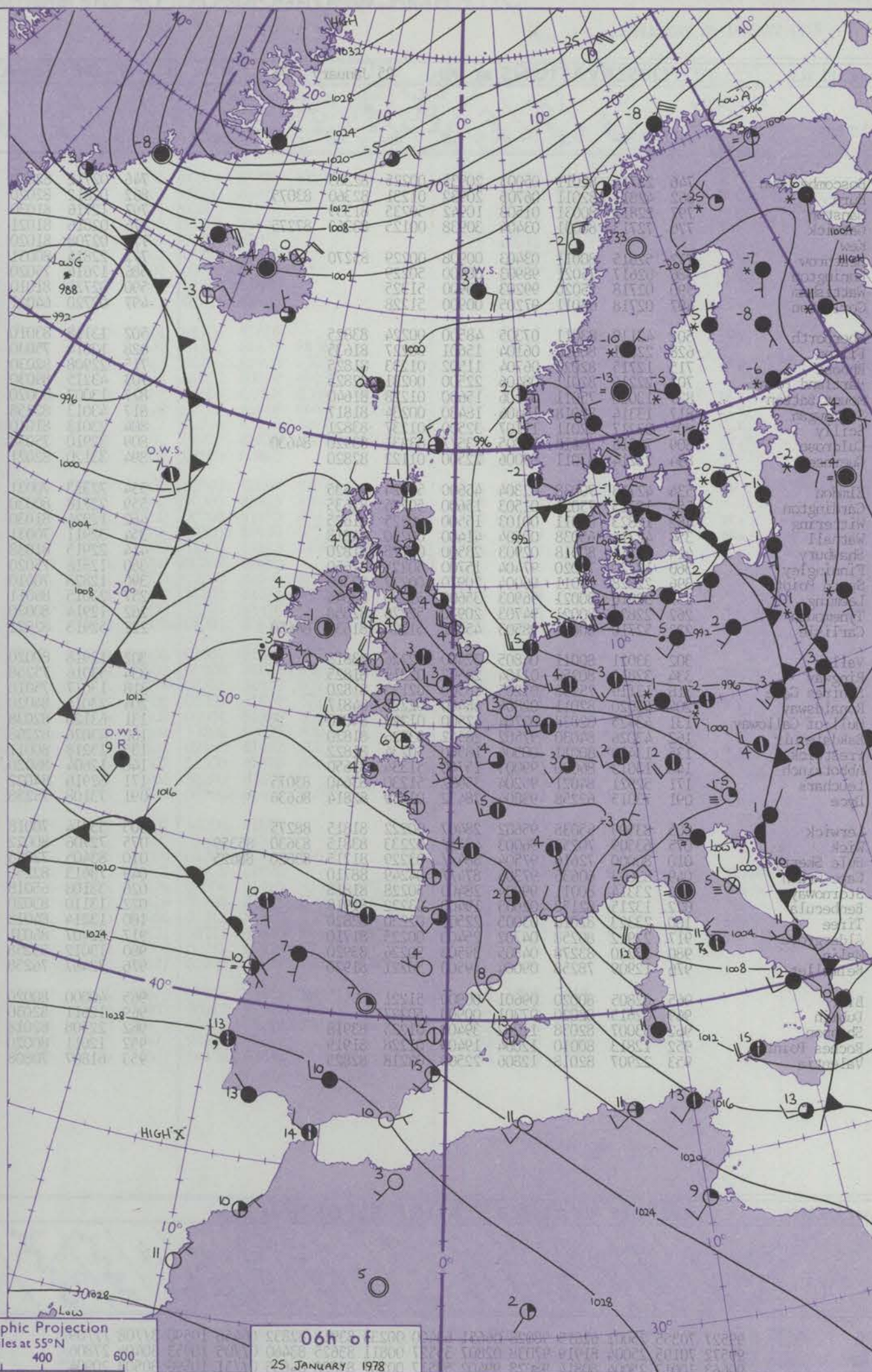
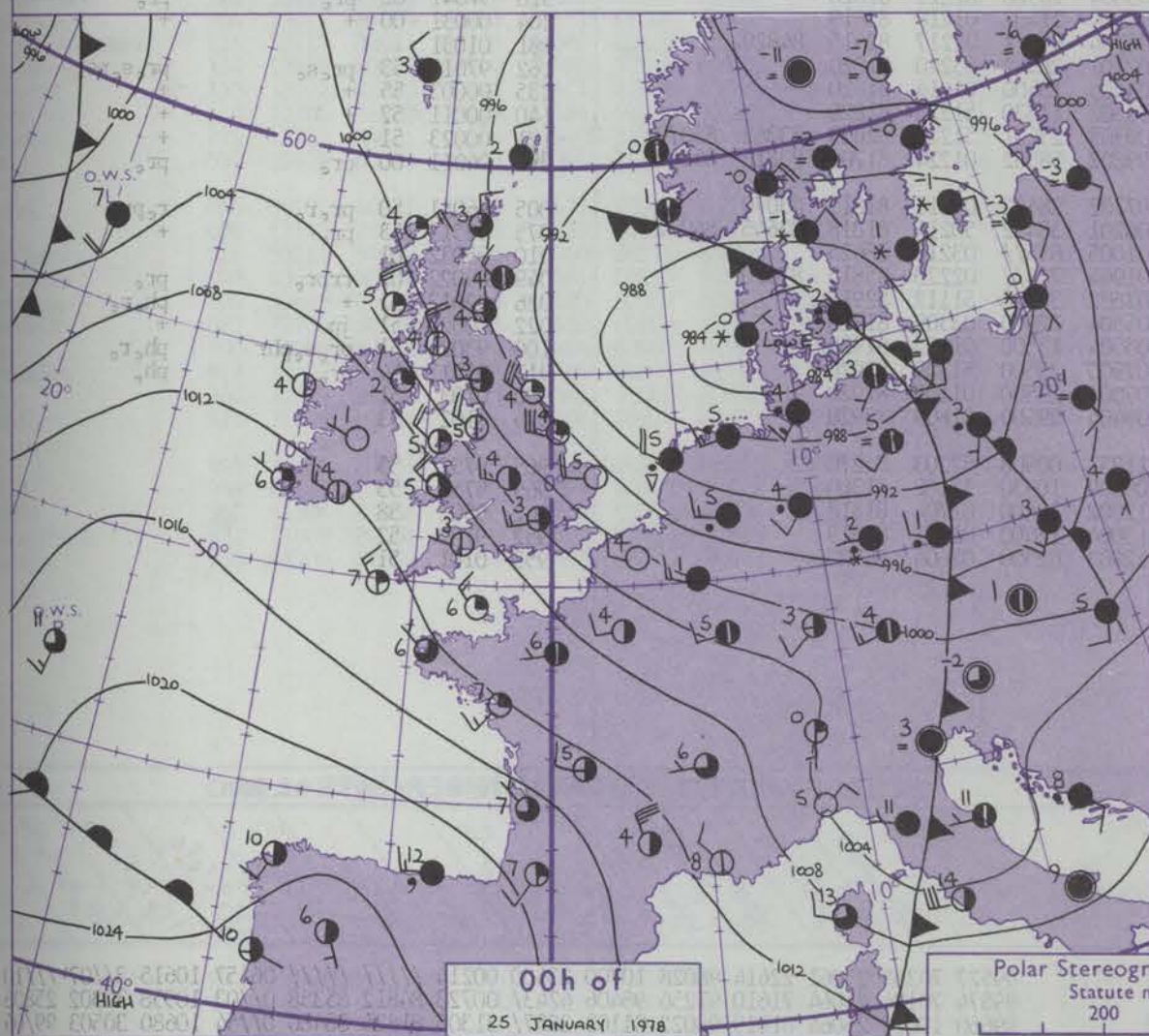
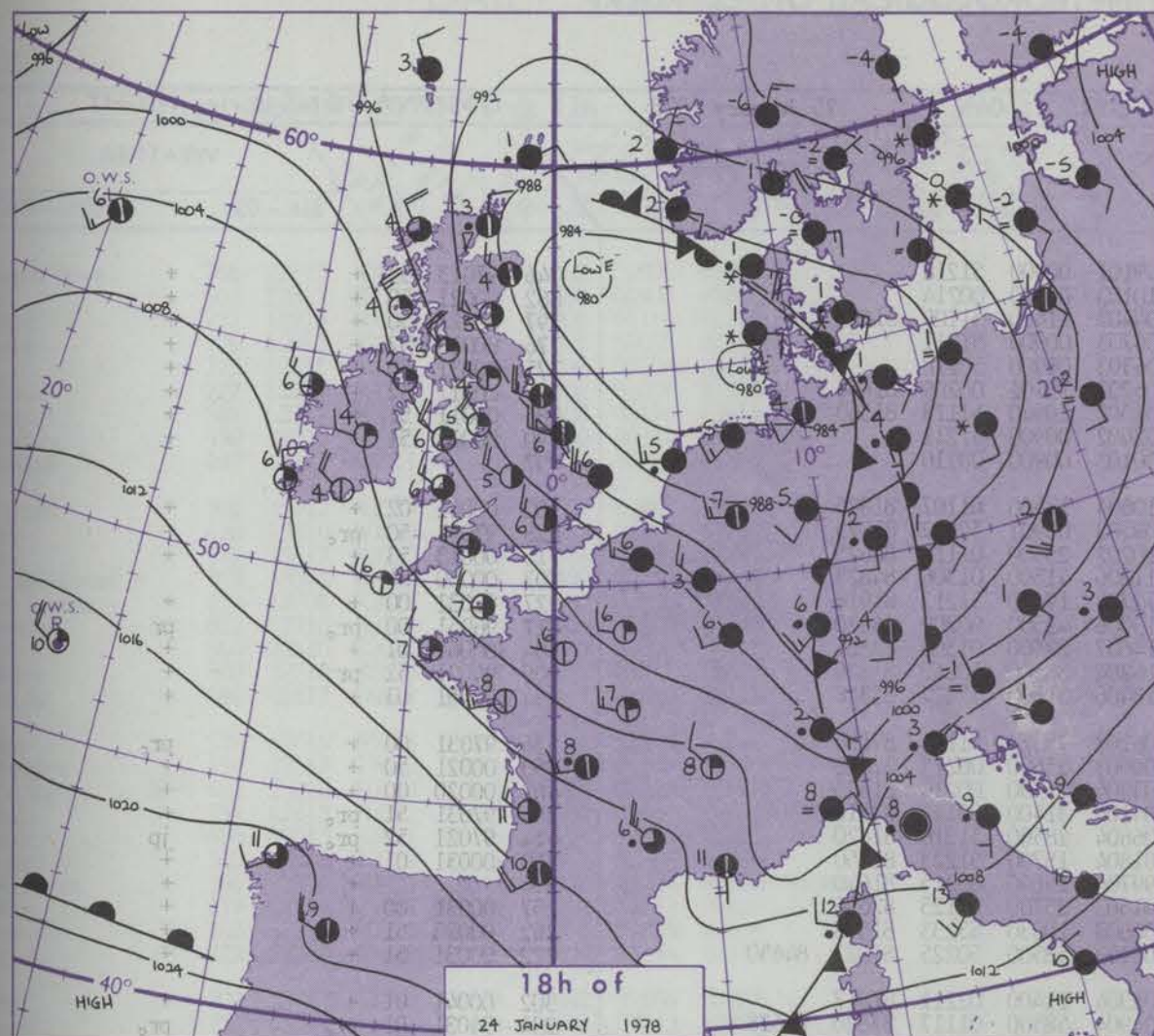


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

During the last 24 hours the depression off the east coast of Scotland moved steadily eastwards and a ridge of high pressure approached the British Isles from the west.

During the next 24 hours the ridge is expected to cross the country followed by a trough of low pressure moving into western districts.

Issued at midday WEDNESDAY 25 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. 25 January 1978 |                  |     |       |       |       |                                   |                                 |  |  | OBSERVATIONS at 06h. 25 January 1978           |     |       |       |       |                                   |                                 |  |  |  | OBSERVATIONS during NIGHT |                                  |                               |                                    |  |
|--------------------------------------|------------------|-----|-------|-------|-------|-----------------------------------|---------------------------------|--|--|--|-----|-------|-------|-------|-----------------------------------|---------------------------------|--|--|--|---------------------------|----------------------------------|-------------------------------|------------------------------------|--|
| Code FM II.V                         | Station          | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>app</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> T <sub>app</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                       | RT <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER                            |  |
|                                      |                  |     |       |       |       |                                   |                                 |  |  |  |     |       |       |       |                                   |                                 |  |  |  |                           |                                  |                               | 21h.—03h.                          | 03h.—09h.                                      |
|                                      | Boscombe Down    | 746 | 22714 | 82011 | 05003 | 20931                             | 00225                           | 82365  |  |  | 746 | 02712 | 82020 | 09101 | 00900                             | 51218                           |  |  |  | 746                       | 97013                            | 53                            | +                                  | +  |
|                                      | Hurn             | 862 | 42811 | 82011 | 06705 | 20932                             | 01231                           | 82360  | 83075  |  | 862 | 02812 | 82020 | 10103 | 00900                             | 00214                           |  |  |  | 862                       | 00021                            | 50                            | +                                  | +  |
|                                      | Manston          | 797 | 22813 | 80031 | 01503 | 10942                             | 50235                           | 81359  |  |  | 797 | 12716 | 81030 | 04403 | 11400                             | 51109                           | 81815  |  |  | 797                       | 00021                            | 50                            | +                                  | +  |
|                                      | Gatwick          | 776 | 22713 | 80031 | 03404 | 30938                             | 00125                           | 83362  | 87275  |  | 776 | 02816 | 81021 | 06703 | 00900                             | 51211                           |  |  |  | 776                       | 00013                            | 52                            | +                                  | +  |
|                                      | Kew              |     |       |       |       |                                   |                                 |  |  |  | 775 | 02708 | 81020 | 06503 | 00900                             | 50218                           |  |  |  | 775                       | 00031                            | 50                            | +                                  | +  |
|                                      | Heathrow         | 772 | 52615 | 80011 | 03403 | 00908                             | 00229                           | 85270  |  |  | 772 | 22814 | 80031 | 06703 | 15701                             | 00209                           | 81656  |  |  | 772                       | 00011                            | 52                            | +                                  | +  |
|                                      | Honington        | 586 | 02617 | 75021 | 98903 | 00900                             | 50229                           |  |  |  | 586 | 12616 | 75020 | 02302 | 10940                             | 51113                           | 81360  |  |  | 586                       | 00011                            | 51                            | +                                  | +  |
|                                      | Wattisham        | 590 | 02718 | 75020 | 99203 | 00900                             | 51325                           |  |  |  | 590 | 02724 | 81010 | 02402 | 00900                             | 51211                           |  |  |  | 590                       | 00013                            | 51                            | +                                  | +  |
|                                      | Gorleston        | 497 | 02718 | 66011 | 97205 | 00900                             | 51228                           |  |  |  | 497 | 02720 | 64021 | 00103 | 00900                             | 00210                           |  |  |  | 497                       |                                  |                               |                                    |  |
|                                      | Aberporth        | 502 | 43119 | 83011 | 07305 | 48500                             | 00224                           | 83825  |  |  | 502 | 13118 | 83010 | 10604 | 18500                             | 01107                           | 81825  |  |  | 502                       | 00041                            | 02                            | +                                  | +  |
|                                      | Filton           | 628 | 22811 | 80018 | 06104 | 15601                             | 00227                           | 81635  |  |  | 628 | 12814 | 75030 | 09303 | 00901                             | 50212                           | 81075  |  |  | 628                       | 97031                            | 50                            | pr <sub>e</sub>                    | +  |
|                                      | Rhoose           | 715 | 12715 | 82020 | 06704 | 11502                             | 01233                           | 81825  |  |  | 715 | 22908 | 82030 | 10202 | 25500                             | 01115                           | 82625  |  |  | 715                       | 00013                            | 53                            | +                                  | +  |
|                                      | Hartland Point   | 703 | 22216 | 82011 | 08406 | 22500                             | 00231                           | 82825  |  |  | 703 | 43215 | 89030 | 11306 | 41500                             | 01306                           | 84825  |  |  | 703                       | 00050                            | 04                            |                                    |  |
|                                      | Mount Batten     | 827 | 13010 | 75011 | 09106 | 15600                             | 01228                           | 81640  |  |  | 827 | 13007 | 80020 | 12704 | 19400                             | 51212                           | 81918  |  |  | 827                       | 00031                            | 00                            | +                                  | +  |
|                                      | St. Mawgan       | 817 | 13314 | 82018 | 10406 | 18430                             | 00234                           | 81817  |  |  | 817 | 43013 | 82258 | 13006 | 42500                             | 00209                           | 84820  |  |  | 817                       | 96051                            | 00                            | pr <sub>e</sub>                    | pr   |
|                                      | Scilly           | 804 | 33217 | 82011 | 12107 | 32500                             | 01237                           | 83821  |  |  | 804 | 23013 | 81010 | 14607 | 22500                             | 01305                           | 82821  |  |  | 804                       | 00061                            | 01                            | +                                  | +  |
|                                      | Culdrose         | 809 | 73316 | 58818 | 10805 | 735//                             | 03231                           | 83920  | 84630  |  | 809 | 32910 | 75038 | 14204 | 38500                             | 50212                           | 81824  |  |  | 809                       | 94021                            | 52                            | pr                                 | +  |
|                                      | Guernsey         | 894 | 23214 | 83011 | 09006 | 22500                             | 01122                           | 82820  |  |  | 894 | 33120 | 82021 | 13406 | 31500                             | 52222                           | 83828  |  |  | 894                       | 00051                            | 03                            | +                                  | +  |
|                                      | Elmdon           | 534 | 42713 | 70038 | 02304 | 45600                             | 52324                           | 84635  |  |  | 534 | 72713 | 70031 | 06103 | 755//                             | 51114                           | 87624  |  |  | 534                       | 97031                            | 00                            | +                                  | pr <sub>e</sub>                                |
|                                      | Cardington       | 559 | 12715 | 75021 | 01503 | 15600                             | 50226                           | 81635  |  |  | 559 | 22718 | 80030 | 04903 | 25600                             | 00215                           | 82640  |  |  | 559                       | 00021                            | 50                            | +                                  | +  |
|                                      | Wittering        | 462 | 12823 | 80011 | 00103 | 15500                             | 00225                           | 81625  |  |  | 462 | 12924 | 81030 | 03504 | 15500                             | 00216                           | 81625  |  |  | 462                       | 00020                            | 00                            | +                                  | +  |
|                                      | Watnall          | 354 | 42715 | 65038 | 00504 | 41400                             | 00230                           | 84818  |  |  | 354 | 32911 | 70031 | 04104 | 31400                             | 50117                           | 83816  |  |  | 354                       | 97031                            | 51                            | pr <sub>e</sub>                    | +  |
|                                      | Shawbury         | 414 | 22714 | 80018 | 02903 | 28500                             | 00125                           | 81820  |  |  | 414 | 22915 | 81038 | 06604 | 28500                             | 51216                           | 81820  |  |  | 414                       | 97021                            | 52                            | pr <sub>e</sub>                    | jp   |
|                                      | Finningley       | 360 | 12720 | 75020 | 07404 | 15700                             | 50225                           | 81650  |  |  | 360 | 12818 | 75020 | 01804 | 15700                             | 51223                           | 81650  |  |  | 360                       | 00031                            | 01                            | +                                  | +  |
|                                      | Spurn Point      | 396 | 22828 | 75011 | 96004 | 20970                             | 00227                           | 82360  |  |  | 396 | 12828 | 70010 | 99704 | 15640                             | 00215                           | 81640  |  |  | 396                       |                                  | +                             | +                                  | +  |
|                                      | Leeming          | 257 | 32916 | 80021 | 96903 | 35600                             | 51230                           | 83645  |  |  | 257 | 23015 | 86011 | 01503 | 25700                             | 51125                           | 82656  |  |  | 257                       | 00031                            | 00                            | +                                  | +  |
|                                      | Tynemouth        | 262 | 22820 | 80021 | 94703 | 20930                             | 52226                           | 82358  |  |  | 262 | 12914 | 80020 | 00603 | 10930                             | 53233                           | 81358  |  |  | 262                       | 00023                            | 51                            | +                                  | +  |
|                                      | Carlisle         | 222 | 52710 | 80021 | 98503 | 45631                             | 51226                           | 81630  | 84650  |  | 222 | 52913 | 82021 | 02903 | 58500                             | 50225                           | 81823  | 84650  |  | 222                       | 00031                            | 51                            | +                                  | +  |
|                                      | Valley           | 302 | 33021 | 80011 | 04805 | 32400                             | 02226                           | 83818  |  |  | 302 | 12918 | 80020 | 08304 | 11400                             | 02211                           | 81817  |  |  | 302                       | 00041                            | 01                            | +                                  | +  |
|                                      | Ringway          | 334 | 32815 | 80258 | 01104 | 28502                             | 02319                           | 81825  |  |  | 334 | 53016 | 75258 | 04904 | 58500                             | 01117                           | 82820  | 84628  |  | 334                       | 94031                            | 01                            | pr <sub>e</sub>                    | pr <sub>e</sub>                                |
|                                      | Squires Gate     | 318 | 13119 | 75258 | 01205 | 18500                             | 02123                           | 81820  |  |  | 318 | 13017 | 75018 | 05504 | 18500                             | 02221                           | 81820  |  |  | 318                       | 97041                            | 02                            | pr <sub>e</sub>                    | pr <sub>e</sub>                                |
|                                      | Ronaldsway       | 204 | 43020 | 82011 | 02804 | 48400                             | 02225                           | 84817  |  |  | 204 | 23014 | 84020 | 07104 | 21402                             | 01218                           | 82819  |  |  | 204                       | 00031                            | 00                            | +                                  | +  |
|                                      | Mull of Galloway | 131 | 43425 | 82038 | 02204 | 42500                             | 01229                           | 84820  |  |  | 131 | 63120 | 82038 | 06104 | 694//                             | 02217                           | 82915  | 84820  |  | 131                       | 01031                            |                               |                                    |  |
|                                      | Eskdalemuir      | 162 | 43026 | 84030 | 97502 | 28542                             | 53226                           | 81820  |  |  | 162 | 43026 | 82268 | 02101 | 28542                             | 53220                           | 81820  |  |  | 162                       | 97013                            | 53                            | pr <sub>e</sub> s <sub>e</sub>     | pr <sub>e</sub> s <sub>e</sub> ps <sub>e</sub> |
|                                      | Prestwick        | 135 | 13418 | 80011 | 00504 | 18560                             | 50234                           | 81822  |  |  | 135 | 13218 | 80011 | 04405 | 18500                             | 01214                           | 81820  |  |  | 135                       | 00003                            | 55                            | +                                  | +  |
|                                      | Abbotsinch       | 140 | 13013 | 86020 | 99003 | 15740                             | 51334                           | 81650  |  |  | 140 | 12604 | 86020 | 03502 | 11530                             | 51223                           | 81820  |  |  | 140                       | 00011                            | 52                            | +                                  | +  |
|                                      | Leuchars         | 171 | 52921 | 84021 | 95204 | 35602                             | 51230                           | 83640  | 83075  |  | 171 | 62916 | 84022 | 00703 | 25631                             | 51225                           | 82635  | 83362  | 85070  | 171                       | 00023                            | 51                            | +                                  | +  |
|                                      | Dyce             | 091 | 73015 | 62258 | 93804 | 78432                             | 01339                           | 82814  | 86636  |  | 091 | 73108 | 75258 | 99802 | 58332                             | 01224                           | 81706  | 83816  | 85640  | 091                       | 96011                            | 00                            | pr <sub>e</sub>                    | pr <sub>e</sub>                                |
|                                      | Lerwick          | 005 | 83509 | 65038 | 95602 | 28407                             | 00222                           | 81815  | 88275  |  | 005 | 53314 | 70018 | 97702 | 28402                             | 01211                           | 81815  | 83070  |  | 005                       | 96011                            | 50                            | pr <sub>e</sub> r <sub>e</sub>     | r <sub>e</sub> pr <sub>e</sub>                 |
|                                      | Wick             | 075 | 63509 | 70258 | 96003 | 4843//                            | 02233                           | 83815  | 83630  | 85359  | 075 | 72706 | 80022 | 00201 | 38432                             | 50214                           | 81818  | 83645  | 86072  | 075                       | 92513                            | 53                            | pr <sub>e</sub>                    | +  |
|                                      | Sule Skerry      | 010 | 80000 | 72616 | 97504 | 884//                             | 03229                           | 81715  | 83820  | 88625  | 010 | 83405 | 72026 | 01005 | 855//                             | 03216                           | 88625  |  |  | 010                       | 05032                            | 01                            |                                    |  |
|                                      | Cape Wrath       | 049 | 83603 | 60636 | 97305 | 874//                             | 04249                           | 88710  |  |  | 049 | 73613 | 82256 | 01904 | 784//                             | 02223                           | 85815  | 87620  |  | 049                       | 09022                            | 02                            | rrpr <sub>e</sub>                  | pr <sub>e</sub>                                |
|                                      | Stornoway        | 026 | 23314 | 80011 | 99904 | 28400                             | 50228                           | 81818  |  |  | 026 | 33108 | 65018 | 03602 | 39400                             | 51112                           | 82912  |  |  | 026                       | 92013                            | 51                            | +                                  | pr <sub>e</sub> r <sub>e</sub>                 |
|                                      | Benbecula        | 022 | 13215 | 82158 | 02605 | 19400                             | 03222                           | 81918  |  |  | 022 | 13110 | 83020 | 05504 | 12400                             | 03309                           | 81818  |  |  | 022                       | 00021                            | 51                            | jp                                 | +  |
|                                      | Tiree            | 100 | 23323 | 82018 | 03005 | 22500                             | 02230                           | 82820  |  |  | 100 | 13214 | 84018 | 05504 | 13500                             | 01205                           | 81920  |  |  | 100                       | 93021                            | 51                            | pr <sub>e</sub> s <sub>e</sub> phr | ph <sub>e</sub> r <sub>e</sub>                 |
|                                      | Aldergrove       | 917 | 22912 | 80258 | 04702 | 25400                             | 00225                           | 81710  |  |  | 917 | 22407 | 86031 | 07900 | 23500                             | 51309                           | 82920  |  |  | 917                       | 93513                            | 54                            | pr <sub>e</sub>                    | ph <sub>e</sub>                                |
|                                      | Malin            | 980 | 33220 | 83278 | 04805 | 39503                             | 50226                           | 83920  |  |  | 980 | 13012 | 83258 | 07004 | 13500                             | 01105                           | 81920  |  |  | 980                       | 0103                             | 51                            |                                    |  |
|                                      | Belmullet        | 976 | 12909 | 78258 | 09004 | 19500                             | 50221                           | 81920  |  |  | 976 | 32407 | 76258 | 09404 | 39500                             | 01803                           | 83920  |  |  | 976                       | 9102                             | 53                            |                                    |  |
|                                      | Birr             | 965 | 02805 | 80020 | 09601 | 00900                             | 51221                           |  |  |  | 965 | 40000 | 80020 | 11351 | 00908                             | 52303                           | 84270  |  |  | 965                       | 9752                             | 55                            |                                    |  |
|                                      | Dublin           | 969 | 02615 | 82020 | 07301 | 00900                             | 50227                           |  |  |  | 969 | 12611 | 82030 | 09500 | 10930                             | 51102                           | 81360  |  |  | 969                       | 9750                             | 53                            |                                    |  |
|                                      | Shannon          | 962 | 33007 | 82038 | 11202 | 39400                             | 01225                           | 83918  |  |  | 962 | 22508 | 82018 | 12002 | 28400                             | 01704                           | 81818  |  |  | 962                       | 9501                             | 58                            |                                    |  |
|                                      | Roches Point     | 952 | 12813 | 80010 | 12004 | 19400                             | 01228                           | 81919  |  |  | 952 | 12611 | 80020 | 13004 | 18400                             | 01301                           | 81819  |  |  | 952                       | 9702                             | 52                            |                                    |  |
|                                      | Valentia         | 953 | 22907 | 82018 | 12806 | 22500                             | 02218                           | 82825  |  |  | 953 | 61807 | 70808 | 12903 | 62500                             | 02604                           | 86823  |  |  | 953                       | 0101                             | 51                            |                                    |  |

| OCEAN WEATHER STATION REPORTS at 00h. |  |  |  |  |  |  |  |  |  | OCEAN WEATHER STATION REPORTS at 06h. |  |  |  |
|---------------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------------|--|--|--|
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## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

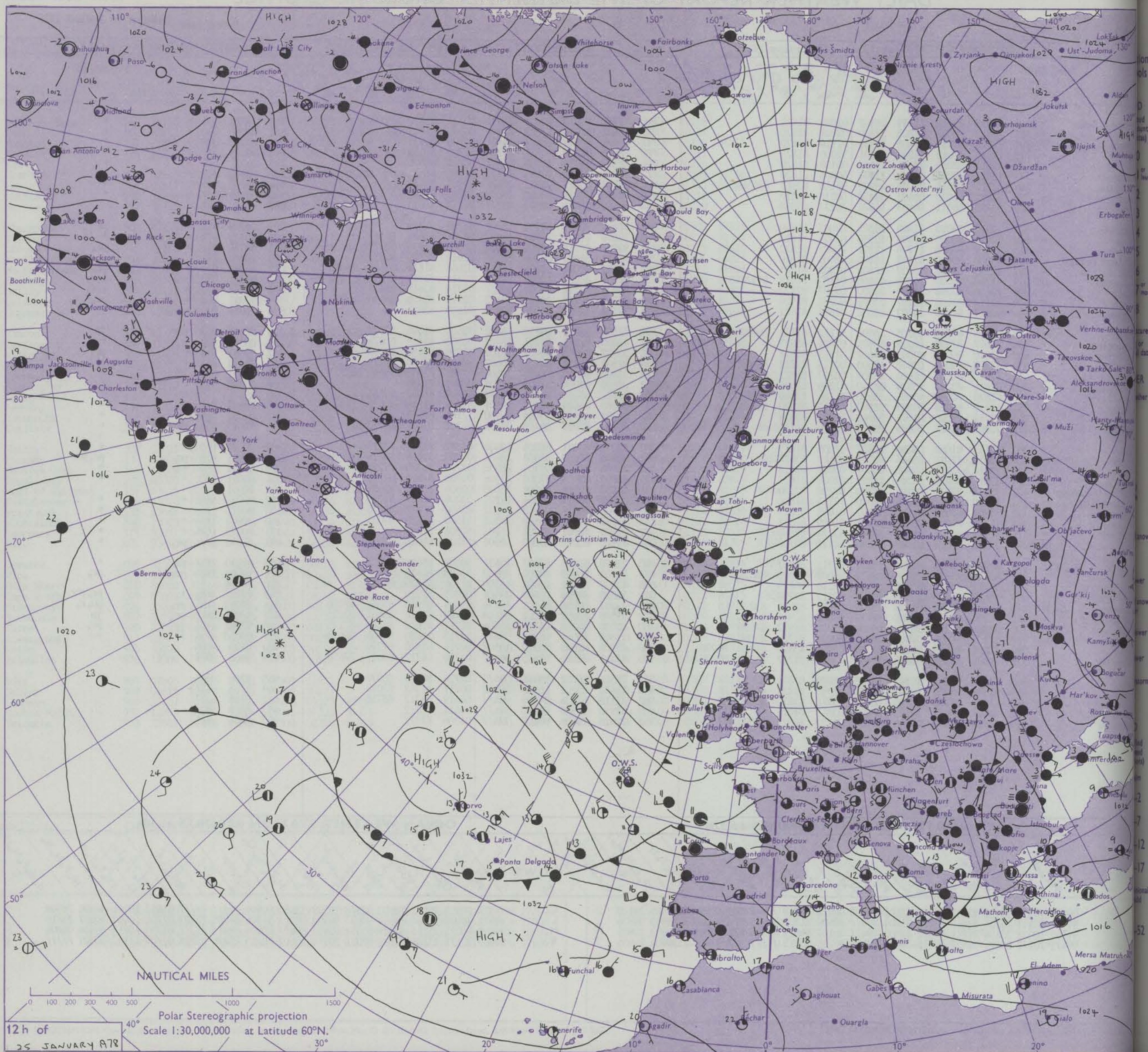
Date of Issue THURSDAY 26 JANUARY 1978

No. 42434

| Code FM 11.V   |  | OBSERVATIONS at 12h. |       |       |       |                                   |                    |  |  |  |     | 25 January 1978 |       |       |                                   |                    |  |  |  |           |       | OBSERVATIONS at 18h. |                    |                                   |                    |  |  |  |       |                      |                    | 25 January 1978 |   |  |  |  |  |  |  |  |  | OBSERVATIONS during DAY |  |  |  |  |  |  |  |  |  |
|----------------|--|----------------------|-------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|-----------------|-------|-------|-----------------------------------|--------------------|--|--|--|-----------|-------|----------------------|--------------------|-----------------------------------|--------------------|--|--|--|-------|----------------------|--------------------|-----------------|---|--|--|--|--|--|--|--|--|-------------------------|--|--|--|--|--|--|--|--|--|
| Station        |  | iii                  | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | Nddff           | VVwww | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii       | Nddff | VVwww                | PPPTT              | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii   | RRT x T <sub>E</sub> | SSS                | WEATHER         |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| 09h.           |  |                      |       |       |       |                                   |                    |  |  |  |     |                 |       |       |                                   |                    |  |  |  | 09h.—15h. |       | 15h.—21h.            |                    |                                   |                    |  |  |  |       |                      |                    |                 |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Boscombe Down  |  | 746                  | 22813 | 75020 | 11205 | 11502                             | 01002              | 81820  |  |  | 746 | 42707           | 80020 | 10902 | 14531                             | 00301              | 81820  | 83072  |  |           | 746   | 00073                | 080                | +                                 |                    |  |  |  | 746   | 00073                | 080                | +               | +   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Hurn           |  | 862                  | 22812 | 82030 | 12207 | 21500                             | 01001              | 82820  |  |  | 862 | 12802           | 80010 | 11703 | 18501                             | 00500              | 81825  |  |  | 862       | 00081 | 070                  | +                  |                                   |                    |  |  | 862  | 00081 | 070                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Manston        |  | 797                  | 12818 | 80030 | 07905 | 11501                             | 01114              | 81820  |  |  | 797 | 12608           | 60021 | 09603 | 15601                             | 00205              | 81630  |  |  | 797       | 00061 | 068                  | +                  |                                   |                    |  |  | 797  | 00061 | 068                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Gatwick        |  | 776                  | 12915 | 82020 | 09506 | 11501                             | 51006              | 81820  |  |  | 776 | 22405           | 80020 | 10501 | 15734                             | 51205              | 81650  |  |  | 776       | 00073 | 078                  | +                  |                                   |                    |  |  | 776  | 00073 | 078                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Kew            |  | 775                  | 12811 | 82030 | 09306 | 11501                             | 00108              | 81820  |  |  | 775 | 12305           | 75011 | 10004 | 00901                             | 00204              | 81072  |  |  | 775       | 00071 | 078                  | +                  |                                   |                    |  |  | 775  | 00071 | 078                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Heathrow       |  | 772                  | 12813 | 80020 | 09806 | 11501                             | 50006              | 81820  |  |  | 772 | 22505           | 70010 | 10403 | 14502                             | 01205              | 81625  |  |  | 772       | 00071 | 078                  | +                  |                                   |                    |  |  | 772  | 00071 | 078                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Honington      |  | 586                  | 62717 | 80031 | 06405 | 68400                             | 01118              | 83818  | 83656  |  | 586 | 22510           | 80011 | 08003 | 15602                             | 00107              | 81630  |  |  | 586       | 00071 | 045                  | +                  |                                   |                    |  |  | 586  | 00071 | 045                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Wattisham      |  | 590                  | 32922 | 80030 | 06405 | 28430                             | 00114              | 82817  |  |  | 590 | 22713           | 70021 | 08402 | 15602                             | 51209              | 81640  |  |  | 590       | 00053 | 057                  | +                  |                                   |                    |  |  | 590  | 00053 | 057                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Gorleston      |  | 497                  | 52922 | 66011 | 04805 | 50970                             | 50227              | 85358  |  |  | 497 | 82610           | 66021 | 07305 | 855//                             | 01211              | 88625  |  |  | 497       |       | 047                  |                    |                                   |                    |  |  | 497  |       | 047                  |                    |                 |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Aberporth      |  | 502                  | 12912 | 83010 | 11805 | 11501                             | 02003              | 81820  |  |  | 502 | 21808           | 70251 | 09702 | 18401                             | 01708              | 81818  |  |  | 502       | 02061 | 053                  | +                  |                                   |                    |  |  | 502  | 02061 | 053                  | +                  | pr              |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Filton         |  | 628                  | 12610 | 80020 | 11706 | 12530                             | 01006              | 81822  |  |  | 628 | 72607           | 72031 | 10702 | 14632                             | 01301              | 81635  | 84365  |  |           | 628   | 00071                | 074                | +                                 |                    |  |  |  | 628   | 00071                | 074                | +               | +   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Rhoose         |  | 715                  | 12812 | 80020 | 11706 | 18501                             | 02001              | 81822  |  |  | 715 | 32105           | 80011 | 10202 | 19561                             | 00706              | 81920  | 83072  |  |           | 715   | 97071                | 071                | +                                 |                    |  |  |  | 715   | 97071                | 071                | +               | pr <sub>c</sub>                               |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Hartland Point |  | 703                  | 43308 | 86030 | 12507 | 42500                             | 02005              | 84820  |  |  | 703 | 72310           | 88151 | 09806 | 68534                             | 02612              | 83820  | 86632  |  |           | 703   | 97080                | 051                |                                   |                    |  |  |  | 703   | 97080                | 051                |                 | pr <sub>c</sub>                               |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Mount Batten   |  | 827                  | 12708 | 82020 | 13907 | 18500                             | 02002              | 81825  |  |  | 827 | 52705           | 70011 | 11507 | 38442                             | 03605              | 81818  | 83645  | 85070  |           | 827   | 97091                | 059                | +                                 |                    |  |  |  | 827   | 97091                | 059                | +               | pr <sub>c</sub>                               |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| St. Mawgan     |  | 817                  | 42710 | 86028 | 14008 | 43400                             | 01103              | 81918  | 84824  |  | 817 | 71808           | 80038 | 10805 | 28476                             | 02712              | 81818  | 86457  | 87270  |           | 817   | 96091                | 058                | pr <sub>c</sub>                   |                    |  |  |  | 817   | 96091                | 058                | pr <sub>c</sub> | r <sub>c</sub> r <sub>c</sub>                 |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Scilly         |  | 804                  | 22410 | 82010 | 14109 | 28500                             | 03707              | 82820  |  |  | 804 | 82009           | 78216 | 10507 | 884//                             | 03714              | 83818  | 88623  |  |           | 804   | 02092                | 055                | +                                 |                    |  |  |  | 804   | 02092                | 055                | +               | r <sub>c</sub> r <sub>c</sub>                 |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Gildrose       |  | 809                  | 32710 | 82030 | 14207 | 23501                             | 03802              | 81920  |  |  | 809 | 72210           | 70258 | 10906 | 48472                             | 02711              | 82816  | 83630  | 86070  |           | 809   | 92091                | 068                | +                                 |                    |  |  |  | 809   | 92091                | 068                | +               | pr <sub>c</sub> r <sub>c</sub> r <sub>c</sub> |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Guernsey       |  | 894                  | 42817 | 84028 | 14707 | 38502                             | 02801              | 83822  |  |  | 894 | 32508           | 84021 | 13006 | 32532                             | 01605              | 83825  |  |  | 894       | 97081 | 062                  | pr <sub>c</sub> ph |                                   |                    |  |  | 894  | 97081 | 062                  | pr <sub>c</sub> ph | JP              |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Elmdon         |  | 534                  | 62816 | 65038 | 09205 | 18504                             | 51112              | 81822  | 86075  |  | 534 | 72507           | 65022 | 09103 | 14602                             | 52500              | 81640  | 87072  |  |           | 534   | 00063                | 057                | jp                                |                    |  |  |  | 534   | 00063                | 057                | jp              | jp  |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Cardington     |  | 559                  | 22817 | 77030 | 08206 | 18504                             | 01009              | 81825  |  |  | 559 | 42307           | 82011 | 09201 | 28502                             | 50305              | 81825  | 83078  |  |           | 559   | 00073                | 058                | +                                 |                    |  |  |  | 559   | 00073                | 058                | +               | +   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Wittering      |  | 462                  | 23020 | 80030 | 07305 | 18401                             | 01113              | 81818  |  |  | 462 | 52707           | 80018 | 08802 | 15702                             | 00208              | 81650  | 85075  |  |           | 462   | 97061                | 064                | +                                 |                    |  |  |  | 462   | 97061                | 064                | +               | pr <sub>c</sub>                               |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Watnall        |  | 354                  | 42813 | 75030 | 07605 | 48500                             | 00115              | 82822  | 83640  |  | 354 | 72301           | 50048 | 08702 | 15608                             | 00305              | 81630  | 87275  |  |           | 354   | 97073                | 062                | +                                 |                    |  |  |  | 354   | 97073                | 062                | +               | pr <sub>c</sub>                               |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Shawbury       |  | 414                  | 62613 | 82031 | 09405 | 18504                             | 00107              | 81822  | 86075  |  | 414 | 72405           | 80022 | 08901 | 38508                             | 51501              | 81823  | 83640  | 87273  |           | 414   | 00073                | 038                | jp                                |                    |  |  |  | 414   | 00073                | 038                | jp              | +   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Finningley     |  | 360                  | 22816 | 70020 | 05806 | 28540                             | 51016              | 81820  |  |  | 360 | 22608           | 57040 | 07003 | 15708                             | 00207              | 81650  |  |  | 360       | 00071 | 067                  | +                  |                                   |                    |  |  | 360  | 00071 | 067                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Spurn Point    |  | 396                  | 42820 | 70030 | 05004 | 35650                             | 01224              | 83640  | 84360  |  | 396 | 32712           | 64011 | 06604 | 15670                             | 02209              | 81640  | 83360  |  |           | 396   |                      | +                  |                                   |                    |  |  |  | 396   |                      | +                  | +               | +   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Leeming        |  | 257                  | 42917 | 89030 | 05605 | 38540                             | 50117              | 81820  | 83650  |  | 257 | 30103           | 86021 | 06402 | 11501                             | 51205              | 81825  | 83075  |  |           | 257   | 00063                | 048                | +                                 |                    |  |  |  | 257   | 00063                | 048                | +               | +   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Tynemouth      |  | 262                  | 32710 | 80020 | 04604 | 30942                             | 52214              | 83359  |  |  | 262 | 22709           | 66020 | 05504 | 20930                             | 52104              | 82358  |  |  | 262       | 00051 | 069                  | +                  |                                   |                    |  |  | 262  | 00051 | 069                  | +                  | +               |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |
| Carlisle       |  | 222                  | 22809 | 81018 | 06405 | 28400                             | 01114              | 81715  |  |  | 222 | 72703           | 75031 | 06403 | 35602                             | 01302              | 83632  | 86073  |  |           | 222   |                      |                    |                                   |                    |  |  |  |       |                      |                    |                 |   |  |  |  |  |  |  |  |  |                         |  |  |  |  |  |  |  |  |  |

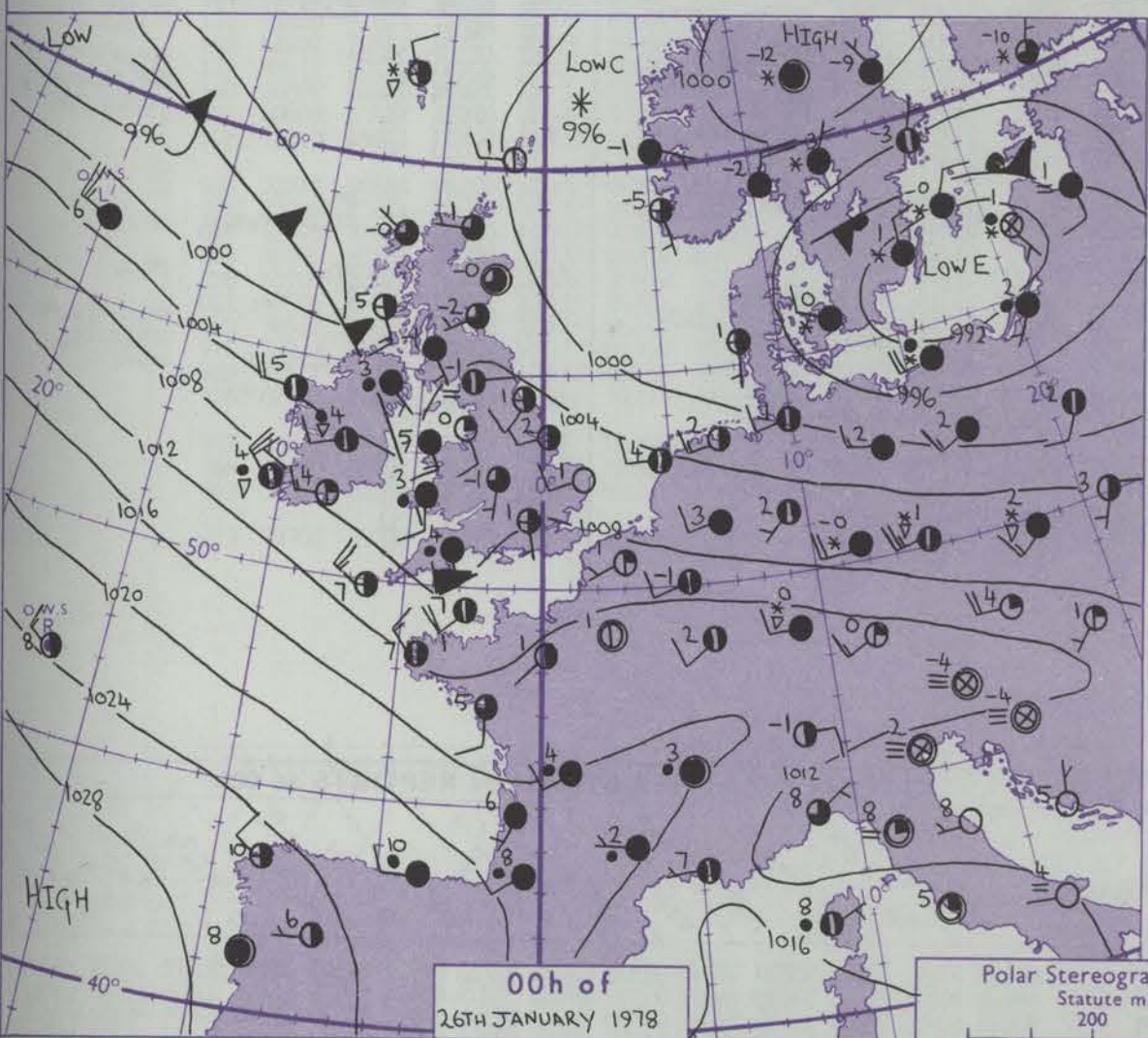
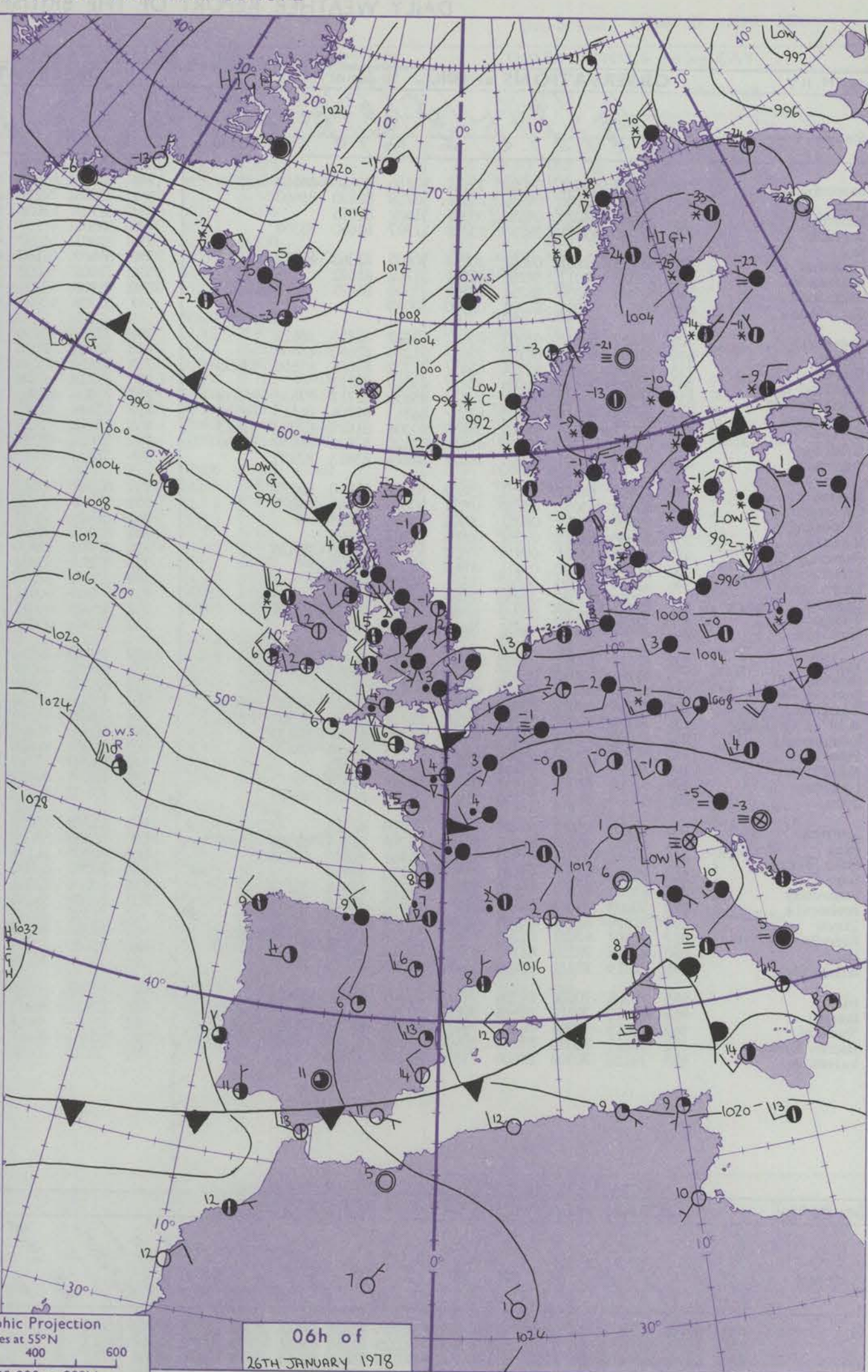
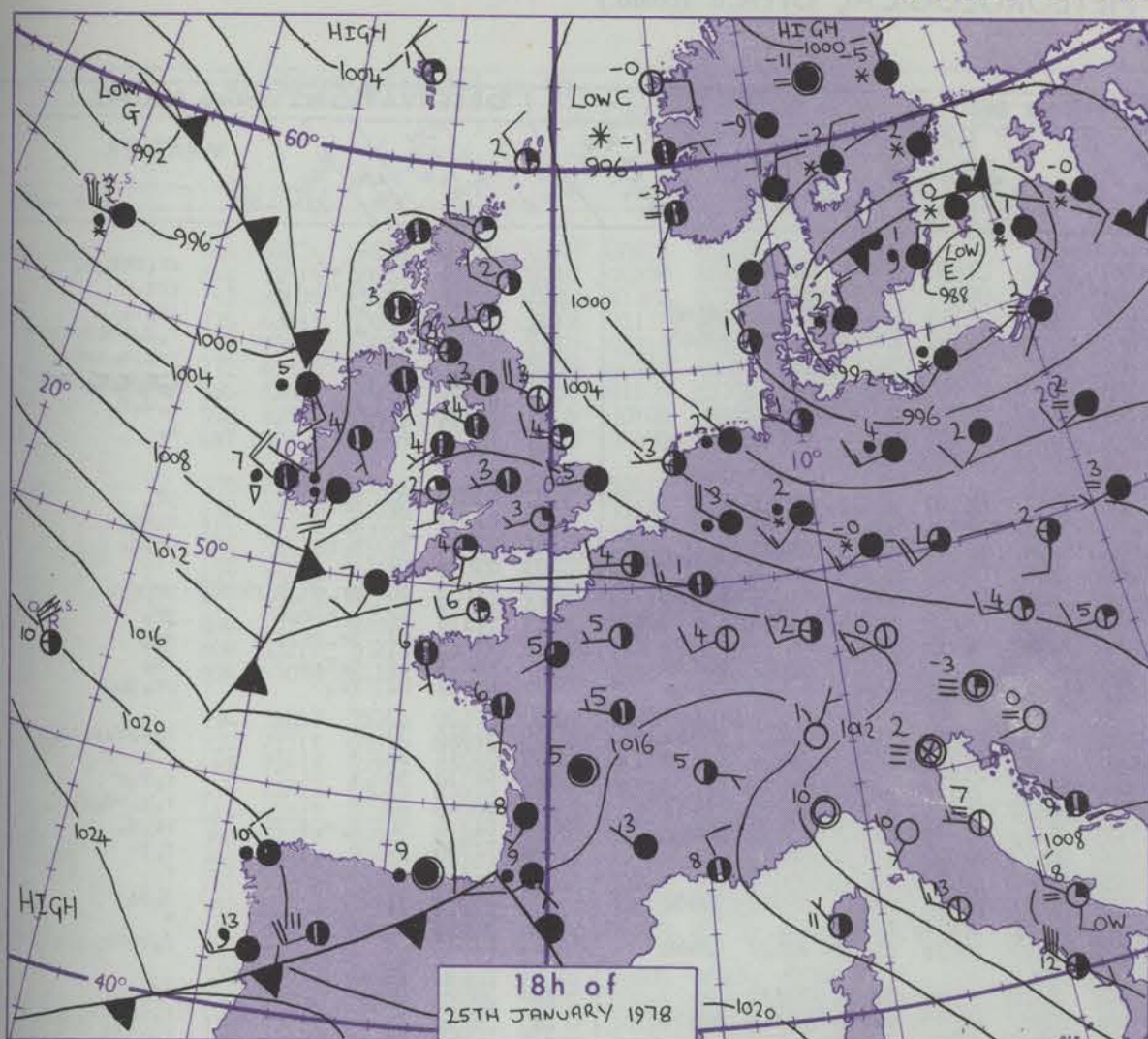


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
 Statute miles at 55°N  
 200 400 600  
 Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

The depression over Denmark moved slowly eastwards during the past 24 hours and a trough, associated with a depression south of Iceland, moved into western districts towards the end of the period, bringing a temporary backing of the flow from north-westerly to south-westerly. The intervening ridge weakened during the period. The

trough over western districts is expected to progress east and north, clearing all but northern Scotland during the next 24 hours. A further depression in mid-Atlantic is expected to deepen and approach western Ireland later in the period.

Issued at midday THURSDAY 26 JANUARY 1978



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. 26 January 1978 |     |       |        |       |                                   |                    |  |  |  | OBSERVATIONS at 06h. 26 January 1978 |       |        |       |                                   |                    |  |  |  |     | OBSERVATIONS during NIGHT        |                               |  |  |  |
|--------------------------------------|-----|-------|--------|-------|-----------------------------------|--------------------|--|--|--|--------------------------------------|-------|--------|-------|-----------------------------------|--------------------|--|--|--|-----|----------------------------------|-------------------------------|--|--|--|
| Station                              | iii | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii                                  | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | iii | RR <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER  |  |  |
|                                      |     |       |        |       |                                   |                    |  |  |  |                                      |       |        |       |                                   |                    |  |  |  |     |                                  |                               | 21h.—03h.  | 03h.—09h.  |  |
| Boscombe Down                        | 746 | 81709 | 65021  | 09001 | 35617                             | 50816              | 83640  | 85460  | 88272  | 746                                  | 82805 | 62688  | 05201 | 852//                             | 01610              | 83703  | 88650  |  | 746 | 03011                            | 54                            | pr <sub>c</sub> r <sub>c</sub>                                   | rr <sub>c</sub> rs <sub>c</sub> sc   |  |
| Hurn                                 | 862 | 81502 | 56201  | 09200 | 2561/                             | 50718              | 82630  | 88460  |  | 862                                  | 82906 | 70216  | 05901 | 3561/                             | 01504              | 83630  | 88460  |  | 862 | 08521                            | 55                            | d <sub>c</sub> -r <sub>c</sub> r <sub>c</sub> r                  | rr <sub>c</sub> r <sub>c</sub>   |  |
| Manston                              | 797 | 12409 | 63020  | 09850 | 00901                             | 51802              | 81075  |  |  | 797                                  | 81708 | 65036  | 05901 | 5567/                             | 00820              | 81630  | 85656  | 88360  | 797 | 97511                            | 54                            | +  | ir <sub>c</sub> r <sub>c</sub>   |  |
| Gatwick                              | 776 | 62202 | 65021  | 09750 | 25738                             | 51707              | 82650  | 83359  |  | 776                                  | 80506 | 40697  | 04601 | 6542/                             | 51726              | 83713  | 86616  | 88545  | 776 | 07526                            | 57                            | +  | r <sub>c</sub> sc <sub>c</sub> rs <sub>c</sub> rs <sub>c</sub> rs <sub>c</sub> s               |  |
| Kew                                  |     |       |        |       |                                   |                    |  |  |  | 775                                  | 81901 | 65697  | 04602 | 874//                             | 01720              | 88713  |  |  | 775 | 03535                            | 57                            | +  | rs <sub>c</sub> sc <sub>c</sub> rs <sub>c</sub> rs <sub>c</sub> s                              |  |
| Heathrow                             | 772 | 51703 | 62031  | 09601 | 20934                             | 50805              | 82362  | 85075  |  | 772                                  | 81602 | 62607  | 05103 | 855//                             | 02718              | 88620  |  |  | 772 | 04511                            | 55                            | +  | rs <sub>c</sub> sc <sub>c</sub> rs <sub>c</sub> rs <sub>c</sub> s                              |  |
| Honington                            | 586 | 22307 | 70011  | 08201 | 00901                             | 51702              | 81072  |  |  | 586                                  | 71002 | 56031  | 04701 | 757//                             | 50718              | 87650  |  |  | 586 | 92501                            | 54                            | +  | d <sub>c</sub> d <sub>c</sub> r <sub>c</sub>   |  |
| Wattisham                            | 590 | 42308 | 65030  | 08751 | 00902                             | 53500              | 84075  |  |  | 590                                  | 81906 | 65031  | 05150 | 70937                             | 51819              | 87360  | 88270  |  | 590 | 97523                            | 56                            | +  | r <sub>c</sub>   |  |
| Gorleston                            | 497 | 02512 | 64021  | 07701 | 00900                             | 50000              |  |  |  | 497                                  | 82308 | 66031  | 05701 | 8097/                             | 51713              | 88458  |  |  | 497 |                                  |                               |  |  |  |
| Aberporth                            | 502 | 81812 | 60616  | 05903 | 854//                             | 02722              | 82715  | 88622  |  | 502                                  | 73121 | 75256  | 06904 | 2257/                             | 00216              | 82822  | 87364  |  | 502 | 03021                            | 00                            | r <sub>c</sub> r <sub>c</sub>                                    | pr <sub>c</sub>  |  |
| Filton                               | 628 | 81805 | 62032  | 08103 | 2561/                             | 01818              | 82640  | 88460  |  | 628                                  | 72604 | 65016  | 05602 | 25438                             | 01705              | 81710  | 87272  |  | 628 | 01021                            | 55                            | r <sub>c</sub>   | r <sub>c</sub> rr <sub>c</sub>   |  |
| Rhoose                               | 715 | 81405 | 64608  | 07204 | 654//                             | 02722              | 83616  | 85650  | 88458  | 715                                  | 52814 | 70018  | 05504 | 28472                             | 03604              | 81814  | 85072  |  | 715 | 03021                            | 54                            | r <sub>c</sub> rs  | rspr <sub>c</sub>  |  |
| Hartland Point                       | 703 | 82620 | 72636  | 06804 | 874//                             | 03515              | 88712  |  |  | 703                                  | 63222 | 85258  | 06705 | 6843/                             | 03307              | 84818  | 86635  |  | 703 | 05051                            | 03                            |  |  |  |
| Mount Batten                         | 827 | 81306 | 62608  | 06705 | 7547/                             | 05831              | 82712  | 87632  | 88459  | 827                                  | 73014 | 62806  | 09305 | 794//                             | 03314              | 83918  | 83826  | 87638  | 827 | 11031                            | 50                            | pr <sub>c</sub> ph <sub>c</sub> r <sub>c</sub> r <sub>c</sub> RH | pr <sub>c</sub> pr <sub>c</sub>  |  |
| St. Mawgan                           | 817 | 83012 | 60616  | 07905 | 6532/                             | 04513              | 82706  | 86615  | 88559  | 817                                  | 43124 | 80018  | 09705 | 49400                             | 01218              | 81914  | 84818  |  | 817 | 06041                            | 02                            | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>      | pr <sub>c</sub>  |  |
| Scilly                               | 804 | 52927 | 75216  | 09507 | 59400                             | 03308              | 81819  | 82920  | 83623  | 804                                  | 23023 | 82018  | 11906 | 22460                             | 01215              | 82818  |  |  | 804 | 94051                            | 02                            | ir <sub>c</sub> pr <sub>c</sub>                                  | pr <sub>c</sub>  |  |
| Culdrose                             | 809 | 63116 | 65216  | 07405 | 48510                             | 02520              | 82822  | 84630  | 85460  | 809                                  | 52913 | 82258  | 10605 | 49403                             | 02314              | 82910  | 83822  | 85072  | 809 | 01052                            | 01                            | r <sub>c</sub> r <sub>c</sub>                                    | ir <sub>c</sub>  |  |
| Guernsey                             | 894 | 72219 | 78021  | 09907 | 784//                             | 04824              | 83813  | 87650  |  | 894                                  | 52830 | 81028  | 09406 | 59500                             | 03109              | 84825  | 81925  |  | 894 | 03041                            | 02                            | ir <sub>c</sub>  | pr <sub>c</sub> ph <sub>c</sub>  |  |
| Elmdon                               | 534 | 61905 | 64032  | 07751 | 15602                             | 53812              | 81640  | 86075  |  | 534                                  | 82007 | 56617  | 04102 | 6557/                             | 01613              | 83625  | 84645  | 88359  | 534 | 91521                            | 55                            | +  | r <sub>c</sub> sc <sub>c</sub> r <sub>c</sub> sc <sub>c</sub> r <sub>c</sub> r <sub>c</sub>    |  |
| Cardington                           | 559 | 62408 | 65031  | 08650 | 10931                             | 50806              | 81365  | 86075  |  | 559                                  | 82302 | 61602  | 04901 | 854//                             | 50615              | 83619  | 88626  |  | 559 | 01511                            | 56                            | +  | r <sub>c</sub> r <sub>c</sub> rr   |  |
| Wittering                            | 462 | 22507 | 65021  | 08051 | 00901                             | 52706              | 82075  |  |  | 462                                  | 81704 | 58021  | 04550 | 4562/                             | 51717              | 84630  | 88459  |  | 462 | 94514                            | 54                            | +  | r <sub>c</sub> r <sub>c</sub> r  |  |
| Watnall                              | 354 | 20000 | 62011  | 07551 | 00901                             | 52807              | 82075  |  |  | 354                                  | 82105 | 56601  | 03901 | 3532/                             | 00715              | 81706  | 83620  | 88459  | 354 | 94523                            | 57                            | +  | r <sub>c</sub> r <sub>c</sub> -sc <sub>c</sub> r <sub>c</sub> sc <sub>c</sub>                  |  |
| Shawbury                             | 414 | 60000 | 68031  | 06952 | 55532                             | 53716              | 81620  | 85630  |  | 414                                  | 82005 | 62106  | 03502 | 7541/                             | 01614              | 84712  | 86632  | 88462  | 414 | 01531                            | 58                            | r <sub>c</sub> r <sub>c</sub> r                                  | rr <sub>c</sub> r <sub>c</sub>   |  |
| Finningley                           | 360 | 41704 | 50100  | 06451 | 00902                             | 52705              | 84075  |  |  | 360                                  | 81803 | 50601  | 03100 | 855//                             | 51718              | 83628  | 88640  |  | 360 | 01534                            | 57                            | +  | r <sub>c</sub> r   |  |
| Spurn Point                          | 396 | 42509 | 57030  | 06102 | 00904                             | 01805              | 84075  |  |  | 396                                  | 52306 | 57031  | 03802 | 40952                             | 00714              | 84360  | 85075  |  | 396 |                                  |                               | +  | +  |  |
| Leeming                              | 257 | 60000 | 70031  | 05850 | 00902                             | 51806              | 86075  |  |  | 257                                  | 71507 | 40041  | 02750 | 3567/                             | 51816              | 83635  | 85360  | 87464  | 257 | 96527                            | 57                            | +  | sc <sub>c</sub> sc <sub>c</sub> s  |  |
| Tynemouth                            | 262 | 32706 | 69020  | 05201 | 10938                             | 51807              | 81358  | 83275  |  | 262                                  | 42305 | 69021  | 02650 | 40930                             | 52715              | 84360  |  |  | 262 | 00513                            | 52                            | +  | +  |  |
| Carlisle                             | 222 | 70802 | 58102  | 04851 | 764//                             | 51712              | 87711  |  |  | 222                                  | 81205 | 60032  | 01501 | 854//                             | 00716              | 81717  | 83627  | 88640  | 222 | 02515                            | 57                            | +  | r <sub>c</sub> rs <sub>c</sub> Sc <sub>c</sub> sc <sub>c</sub> ss <sub>c</sub>                 |  |
| Valley                               | 302 | 81617 | 62211  | 04105 | 6742/                             | 03723              | 86712  | 88516  |  | 302                                  | 73020 | 75016  | 03905 | 25438                             | 02310              | 82618  | 87270  |  | 302 | 03031                            | 52                            | r  | ir <sub>c</sub>  |  |
| Ringway                              | 334 | 41705 | 57048  | 06801 | 00902                             | 51811              | 84070  |  |  | 334                                  | 81705 | 40687  | 03101 | 5732/                             | 01715              | 81708  | 85712  | 88458  | 334 | 03501                            | 52                            | +  | r <sub>c</sub> sc <sub>c</sub> r <sub>c</sub> sc <sub>c</sub> sc <sub>c</sub> r <sub>c</sub> r |  |
| Squires Gate                         | 318 | 21508 | 61011  | 05600 | 00902                             | 50713              | 82072  |  |  | 318                                  | 81710 | 57616  | 01802 | 854//                             | 02716              | 88614  |  |  | 318 | 02001                            | 51                            | r <sub>c</sub>   | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>   |  |
| Ronaldsway                           | 204 | 71709 | 82032  | 03805 | 785/8                             | 02822              | 84821  | 86635  | 87270  | 204                                  | 73018 | 80256  | 01805 | 38402                             | 01303              | 81818  | 83635  | 87070  | 204 | 01001                            | 53                            | r <sub>c</sub> r <sub>c</sub> r                                  | ir <sub>c</sub> pr <sub>c</sub>  |  |
| Mull of Galloway                     | 131 | 72120 | 84022  | 04005 | 12538                             | 01716              | 81820  | 84360  | 87275  | 131                                  | 83220 | 82216  | 01203 | 2551/                             | 02500              | 82620  | 88460  |  | 131 | 04021                            |                               |  |  |  |
| Eskdalemuir                          | 162 | 80000 | 65021  | 05654 | 30957                             | 55709              | 83364  | 88270  |  | 162                                  | 80000 | 25702  | 01951 | 872//                             | 53716              | 85704  | 88715  |  | 162 | 01557                            | 58                            | +  | sc <sub>c</sub> sc <sub>c</sub> s  |  |
| Prestwick                            | 135 | 81505 | 75021  | 04051 | 15617                             | 51713              | 81630  | 88270  |  | 135                                  | 81306 | 62636  | 00801 | 7532/                             | 01614              | 81709  | 83712  | 85630  | 135 | 04525                            | 54                            | +  | r <sub>c</sub> r <sub>c</sub> rr <sub>c</sub> rs <sub>c</sub> sc <sub>c</sub> r <sub>c</sub>   |  |
| Abbotsinch                           | 140 | 70000 | 56101  | 04153 | 00908                             | 54709              | 87272  |  |  | 140                                  | 80000 | 08724  | 00952 | 6552/                             | 53614              | 86624  | 88460  |  | 140 | 02547                            | 57                            | +  | ifis <sub>c</sub> sc <sub>c</sub> s  |  |
| Leuchars                             | 171 | 62407 | 82021  | 03652 | 00902                             | 55710              | 86075  |  |  |                                      |       |        |       |                                   |                    |  |  |  |     |                                  |                               |  |  |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

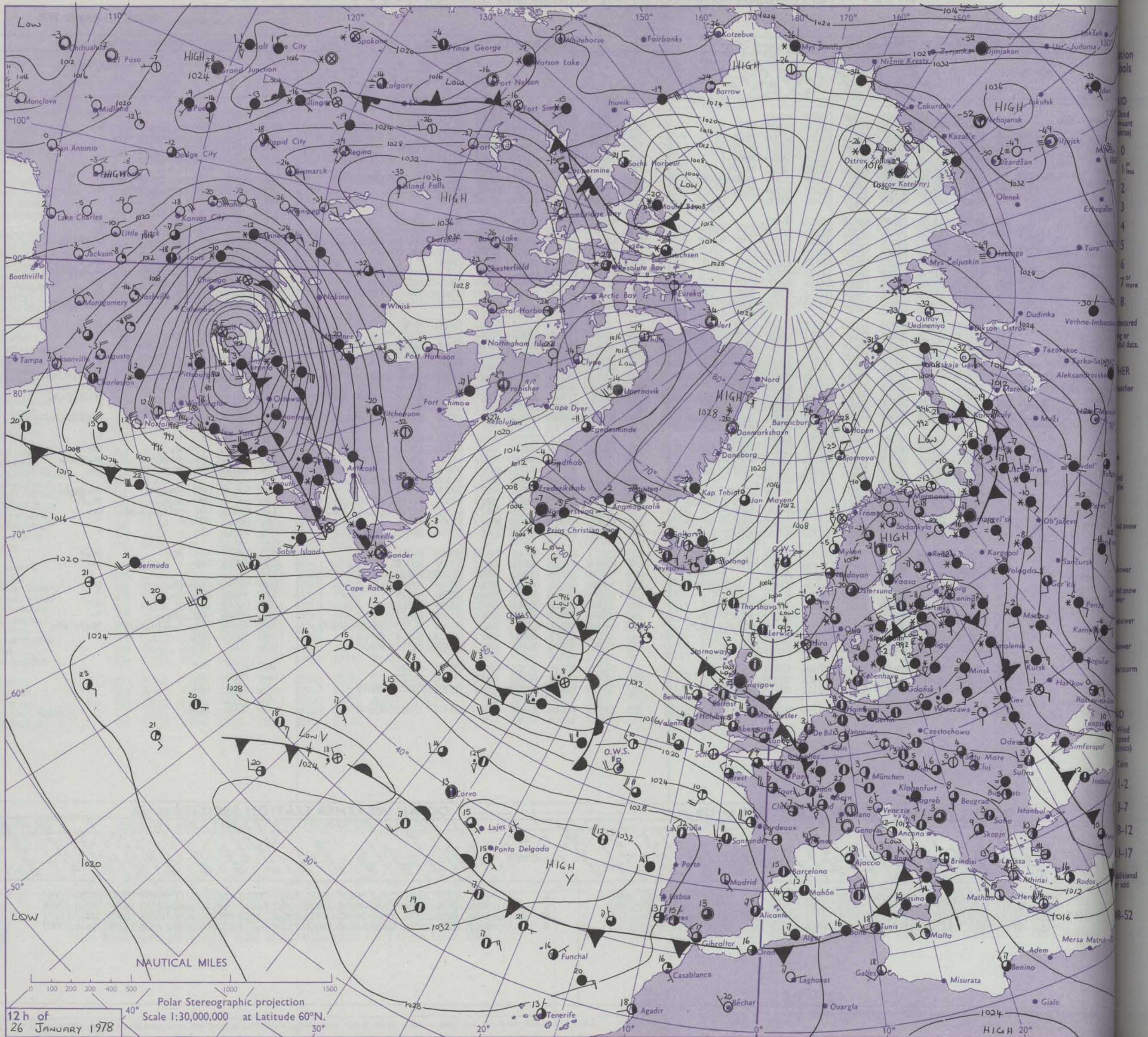
No. 42435

Date of Issue FRIDAY 27 JANUARY 1978

| Code FM II.V     |  | OBSERVATIONS at 12h. 26 January 1978 |       |       |       |                                   |                    |  |  |  |     | OBSERVATIONS at 18h. 26 January 1978 |       |       |                                   |                    |  |  |  |     |                      | OBSERVATIONS during DAY |  |  |  |  |
|------------------|--|--------------------------------------|-------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|--------------------------------------|-------|-------|-----------------------------------|--------------------|--|--|--|-----|----------------------|-------------------------|--|--|--|--|
| Station          |  | ill                                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff                                | VVwwW | PPPTT | N <sub>h</sub> Ch <sub>M</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | RRT x T <sub>E</sub> | SSS                     | WEATHER  |  |  |  |
|                  |  |                                      |       |       |       |                                   |                    |  |  |  |     |                                      |       |       |                                   |                    |  |  |  |     |                      |                         | 09h.—15h.  | 15h.—21h.  |  |  |
| Boscombe Down    |  | 746                                  | 52820 | 84037 | 09705 | 51508                             | 00227              | 85822  |  |  | 746 | 32413                                | 80011 | 11503 | 28501                             | 51207              | 81825  |  |  | 746 | 97063                | 068                     | jp   | pr <sub>c</sub>  |  |  |
| Hurn             |  | 862                                  | 12919 | 80011 | 10506 | 11501                             | 00230              | 81820  |  |  | 862 | 62513                                | 80038 | 13305 | 695//                             | 51311              | 81920  | 84630  |  | 862 | 97071                | 068                     | pr <sub>c</sub> pr <sub>c</sub> s <sub>c</sub> ph <sub>c</sub>                 | pr <sub>c</sub>  |  |  |
| Manston          |  | 797                                  | 83013 | 25716 | 06401 | 852//                             | 01316              | 87704  | 88612  |  | 797 | 12411                                | 82027 | 10002 | 11502                             | 52217              | 81820  |  |  | 797 | 03053                | 015                     | r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> rr <sub>c</sub> -s <sub>c</sub> r | +  |  |  |
| Gatwick          |  | 776                                  | 63011 | 65017 | 07703 | 18408                             | 01121              | 81815  | 86275  |  | 776 | 12411                                | 82021 | 10902 | 00903                             | 52211              | 81070  |  |  | 776 | 01063                | 044                     | ss <sub>c</sub>  | +  |  |  |
| Kew              |  | 775                                  | 72808 | 65017 | 07605 | 15671                             | 02218              | 81640  | 86075  |  | 775 | 02307                                | 78011 | 10304 | 00900                             | 52111              |  |  |  | 775 | 95071                | 046                     | sr <sub>c</sub> s <sub>c</sub> ir <sub>c</sub>                                 | +  |  |  |
| Heathrow         |  | 772                                  | 62815 | 62017 | 08005 | 18438                             | 02220              | 81812  | 86275  |  | 772 | 12510                                | 75021 | 10503 | 12603                             | 51209              | 81830  |  |  | 772 | 92071                | 046                     | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                                   | +  |  |  |
| Honington        |  | 586                                  | 82411 | 48226 | 05402 | 852//                             | 01109              | 83704  | 86708  | 88614  | 586 | 32514                                | 82017 | 07403 | 15602                             | 52212              | 81630  | 83072  |  | 586 | 01051                | 017                     | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> -rs-r <sub>c</sub> s <sub>c</sub> | +  |  |  |
| Wattisham        |  | 590                                  | 82511 | 19687 | 05600 | 3722//                            | 00108              | 83704  | 88540  |  | 590 | 22517                                | 75027 | 08102 | 14502                             | 53215              | 81625  |  |  | 590 | 02043                | 016                     | r <sub>c</sub> -r <sub>c</sub> s <sub>c</sub> rs-s                             | +  |  |  |
| Corlestone       |  | 497                                  | 82408 | 40606 | 05003 | 872//                             | 02400              | 88705  |  |  | 497 | 22512                                | 66016 | 06703 | 20970                             | 51210              | 82358  |  |  | 497 |                      | 006                     |  |  |  |  |
| Aberporth        |  | 502                                  | 72823 | 80031 | 10305 | 62532                             | 50112              | 86822  |  |  | 502 | 62821                                | 82032 | 10305 | 685/2                             | 50601              | 86820  |  |  | 502 | 97061                | 053                     | jp   | ph   |  |  |
| Filton           |  | 628                                  | 22917 | 80036 | 10406 | 18501                             | 51225              | 81820  |  |  | 628 | 12709                                | 82021 | 11103 | 19503                             | 51301              | 81925  |  |  | 628 | 00071                | 067                     | +  | jp   |  |  |
| Rhoose           |  | 715                                  | 12821 | 80021 | 10506 | 12501                             | 50117              | 81825  |  |  | 715 | 42617                                | 75278 | 10604 | 49400                             | 00501              | 81818  | 83920  |  | 715 | 92061                | 067                     | jp   | pr <sub>c</sub> ph <sub>c</sub> pr <sub>c</sub> s <sub>c</sub>                 |  |  |
| Hartland Point   |  | 703                                  | 53322 | 85021 | 12106 | 52500                             | 00220              | 85820  |  |  | 703 | 32822                                | 80011 | 12005 | 32500                             | 03502              | 83820  |  |  | 703 | 93062                | 050                     |  |  |  |  |
| Mount Batten     |  | 827                                  | 33019 | 84038 | 14007 | 32500                             | 50125              | 83825  |  |  | 827 | 62715                                | 68258 | 14305 | 59463                             | 02000              | 81712  | 84918  |  | 827 | 01081                | 052                     | ph <sub>c</sub> r <sub>c</sub> pr <sub>c</sub>                                 | pr <sub>c</sub> pr   |  |  |
| St. Mawgan       |  | 817                                  | 22817 | 80158 | 14006 | 29400                             | 51219              | 81918  |  |  | 817 | 72307                                | 62808 | 14203 | 794//                             | 02801              | 84918  | 83630  |  | 817 | 03081                | 041                     | ph <sub>c</sub> r <sub>c</sub> ph <sub>r</sub>                                 | pr <sub>c</sub> s <sub>c</sub> prph <sub>r</sub>                               |  |  |
| Scilly           |  | 804                                  | 12722 | 82018 | 15707 | 19540                             | 01114              | 81920  |  |  | 804 | 42720                                | 82038 | 14907 | 42400                             | 03602              | 84817  |  |  | 804 | 01081                | 045                     | pr <sub>c</sub> ph <sub>r</sub>  | pr   |  |  |
| Culdrose         |  | 809                                  | 53211 | 70278 | 15305 | 59400                             | 02318              | 82915  | 83822  |  | 809 | 52820                                | 58878 | 14505 | 53300                             | 03603              | 83908  | 83820  |  | 809 | 01062                | 043                     | ph <sub>c</sub> pr <sub>c</sub>  | ph <sub>c</sub> pr <sub>c</sub>  |  |  |
| Guernsey         |  | 894                                  | 53024 | 82158 | 14607 | 59502                             | 00233              | 81920  | 85825  |  | 894 | 62819                                | 70278 | 16206 | 69464                             | 00105              | 83818  | 84925  |  | 894 | 04082                | 048                     | pr <sub>c</sub> s <sub>c</sub>   | pr <sub>c</sub> pr <sub>c</sub> h <sub>c</sub> pr                              |  |  |
| Elmdon           |  | 534                                  | 32818 | 75016 | 06805 | 11548                             | 51018              | 81825  |  |  | 534 | 52513                                | 66031 | 08103 | 28563                             | 52006              | 81825  | 83360  |  | 534 | 00061                | 050                     | +  | jp   |  |  |
| Cardington       |  | 559                                  | 72711 | 68016 | 06804 | 15638                             | 03217              | 81630  | 84360  | 87270  | 559 | 22616                                | 75011 | 08703 | 11502                             | 51210              | 81828  |  |  | 559 | 95061                | 037                     | rrr <sub>c</sub> r <sub>c</sub>  | +  |  |  |
| Wittering        |  | 462                                  | 72818 | 62217 | 05604 | 45418                             | 01210              | 81710  | 84462  | 87275  | 462 | 52618                                | 81031 | 07103 | 25702                             | 51306              | 82650  | 84072  |  | 462 | 93061                | 036                     | rd <sub>c</sub> r <sub>c</sub> rsr <sub>c</sub>                                | +  |  |  |
| Watnall          |  | 354                                  | 72613 | 68018 | 05603 | 18438                             | 01218              | 81816  | 87270  |  | 354 | 62513                                | 70031 | 06303 | 45672                             | 51205              | 84645  | 84359  |  | 354 | 97051                | 024                     | ir <sub>c</sub> pr <sub>c</sub>  | +  |  |  |
| Shawbury         |  | 414                                  | 42812 | 80266 | 07204 | 29402                             | 00218              | 81915  | 83072  |  | 414 | 22411                                | 72018 | 07602 | 29400                             | 51305              | 81918  |  |  | 414 | 97063                | 045                     | pr <sub>c</sub> s <sub>c</sub> pr <sub>c</sub>                                 | jp   |  |  |
| Finningley       |  | 360                                  | 72718 | 65016 | 03305 | 28478                             | 50208              | 81818  | 85362  | 87272  | 360 | 72206                                | 65258 | 04302 | 794//                             | 01001              | 81918  | 83825  | 85650  | 360 | 01061                | 015                     | ir <sub>c</sub> pr <sub>c</sub>  | pr <sub>c</sub> pr <sub>c</sub> pr <sub>c</sub> s <sub>c</sub> pr <sub>s</sub> |  |  |
| Spurn Point      |  | 396                                  | 82614 | 50505 | 03203 | 854//                             | 02302              | 84715  | 88630  |  | 396 | 82616                                | 50837 | 04403 | 5752//                            | 01211              | 85720  | 88560  |  | 396 |                      |                         | id <sub>c</sub>  | pr <sub>c</sub> s <sub>c</sub> -r <sub>c</sub> s <sub>c</sub> -pr              |  |  |
| Leeming          |  | 257                                  | 72302 | 58047 | 02101 | 15542                             | 52701              | 81625  | 83359  | 85365  | 257 | 72806                                | 75252 | 02603 | 684/2                             | 01103              | 82816  | 85650  | 85070  | 257 | 01051                | 006                     | s <sub>c</sub>   | pr <sub>c</sub> pr <sub>c</sub> s <sub>c</sub>                                 |  |  |
| Tynemouth        |  | 262                                  | 82008 | 17717 | 01601 | 8052//                            | 00605              | 88525  |  |  | 262 | 72610                                | 69027 | 01303 | 5567//                            | 00604              | 85630  |  |  | 262 | 96035                | 000                     | s <sub>c</sub> s <sub>c</sub>  | +  |  |  |
| Carlisle         |  | 222                                  | 82402 | 35227 | 02201 | 853//                             | 01213              | 82708  | 86616  | 88630  | 222 | 82514                                | 57696 | 00802 | 853//                             | 02809              | 83707  | 85710  | 88615  | 222 | 06052                | 007                     | is <sub>c</sub> ss <sub>c</sub>  | rrRsr <sub>c</sub> r <sub>c</sub> r  |  |  |
| Valley           |  | 302                                  | 62727 | 81021 | 06705 | 18542                             | 02006              | 81820  | 83365  |  | 302 | 32724                                | 82011 | 07105 | 24540                             | 01001              | 82820  |  |  | 302 | 00071                | 052                     | +  | +  |  |  |
| Ringway          |  | 334                                  | 72820 | 75028 | 05305 | 59402                             | 00115              | 81915  | 83822  | 86070  | 334 | 62411                                | 70028 | 06403 | 58402                             | 51206              | 83818  | 83645  |  | 334 | 92051                | 018                     | pr <sub>c</sub>  | pr <sub>c</sub>  |  |  |
| Squires Gate     |  | 318                                  | 72821 | 75806 | 04505 | 58432                             | 01114              | 83816  | 86075  |  | 318 | 72723                                | 70038 | 04405 | 785//                             | 01101              | 83822  | 87650  |  | 318 | 94051                | 009                     | pr <sub>c</sub> pr   | pr <sub>c</sub> ph <sub>c</sub> r <sub>c</sub>                                 |  |  |
| Ronaldsray       |  | 204                                  | 72721 | 62802 | 04104 | 784/2                             | 01006              | 82813  | 84816  | 86656  | 204 | 72623                                | 75028 | 04105 | 685/8                             | 00601              | 81820  | 85824  | 87268  | 204 | 91051                | 006                     | pr <sub>c</sub>  | pr <sub>c</sub>  |  |  |
| Mull of Galloway |  | 131                                  | 62820 | 81012 | 02603 | 615//                             | 01207              | 86820  |  |  | 131 | 72723                                | 80028 | 02003 | 3862//                            | 01500              | 83830  | 87460  |  | 131 | 93041                |                         |  |  |  |  |
| Eskdalemuir      |  | 162                                  | 81902 | 20717 | 01801 | 852//                             | 52303              | 86704  | 88620  |  | 162 | 82007                                | 35717 | 00500 | 872//                             | 50709              | 88703  |  |  | 162 | 05019                | 000                     | sss <sub>c</sub> pr <sub>c</sub>   | ps <sub>c</sub> ss <sub>c</sub> Sf   |  |  |
| Prestwick        |  | 135                                  | 82611 | 70258 | 00804 | 883//                             | 02102              | 81709  | 83815  | 86620  | 135 | 72814                                | 62808 | 99604 | 784//                             | 03502              | 82712  | 85816  | 85628  | 135 | 03041                | 000                     | r <sub>c</sub> pr <sub>c</sub>   | pr <sub>c</sub> r <sub>c</sub>   |  |  |
| Abbotsinch       |  | 140                                  | 80000 | 07427 | 00401 | 872//                             | 51702              | 83704  | 88707  |  | 140 | 73002                                | 50048 | 98703 | 784//                             | 01502              | 81710  | 83816  | 85624  | 140 | 03036                | 0                       |  |  |  |  |

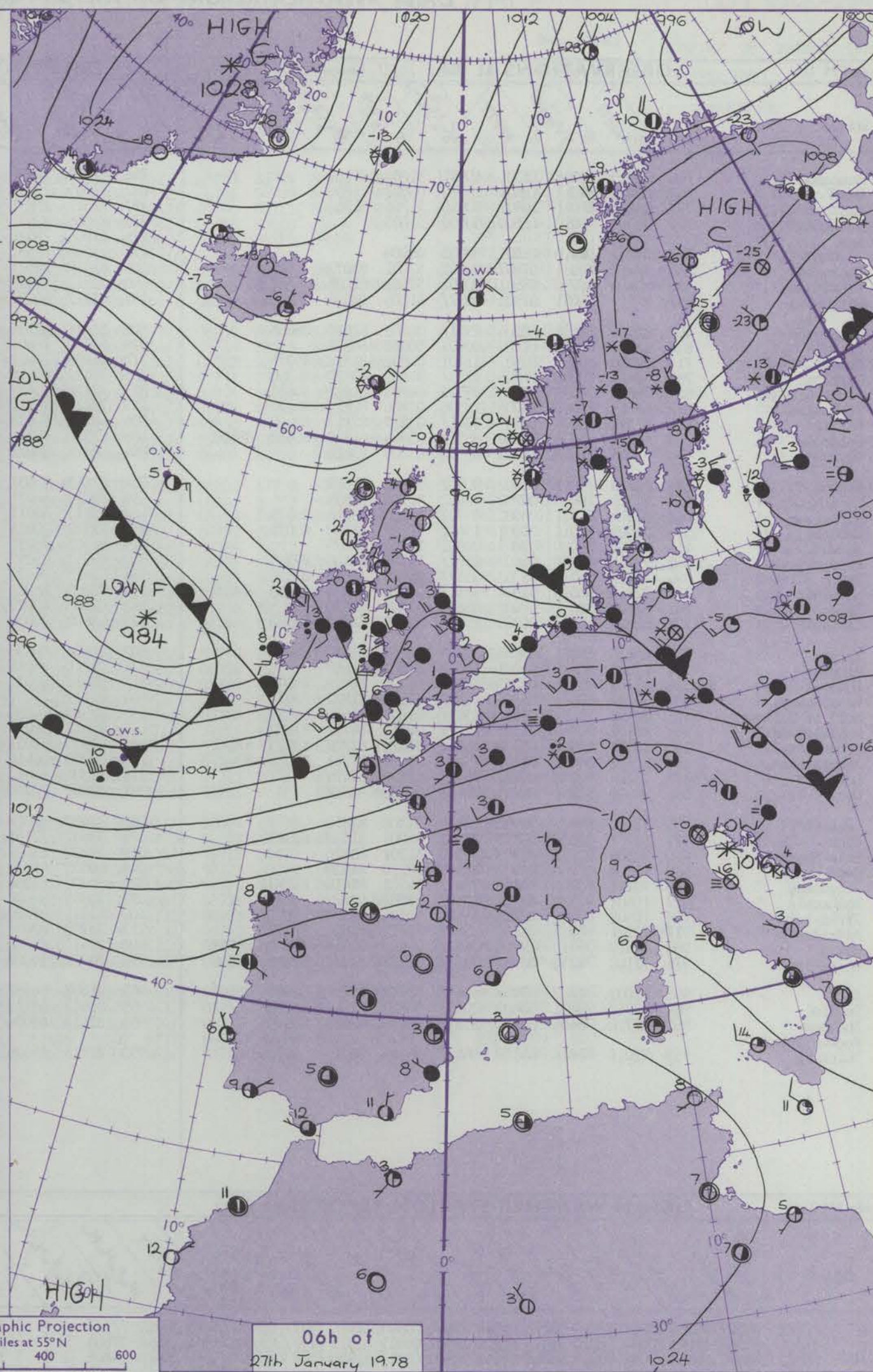
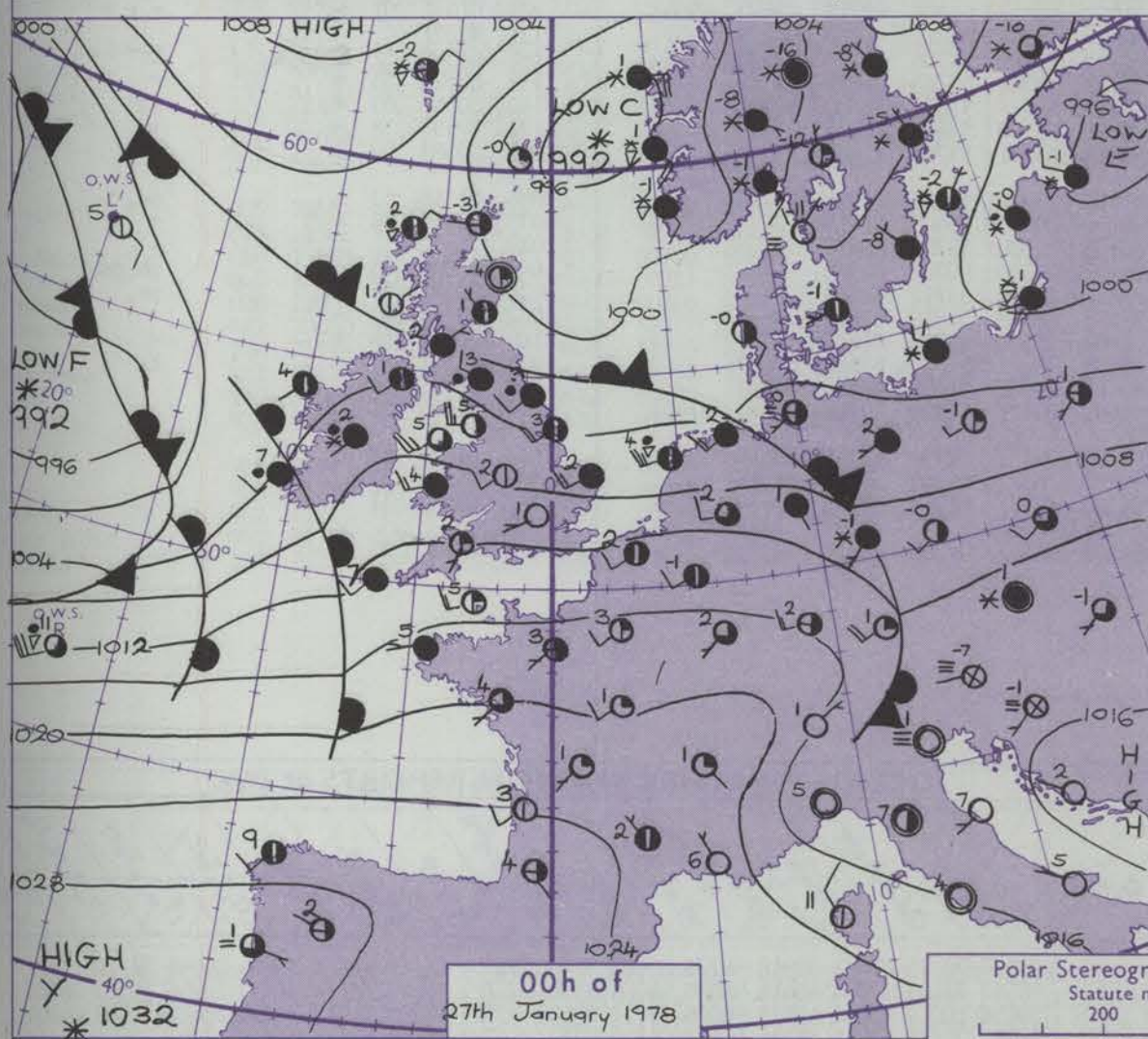
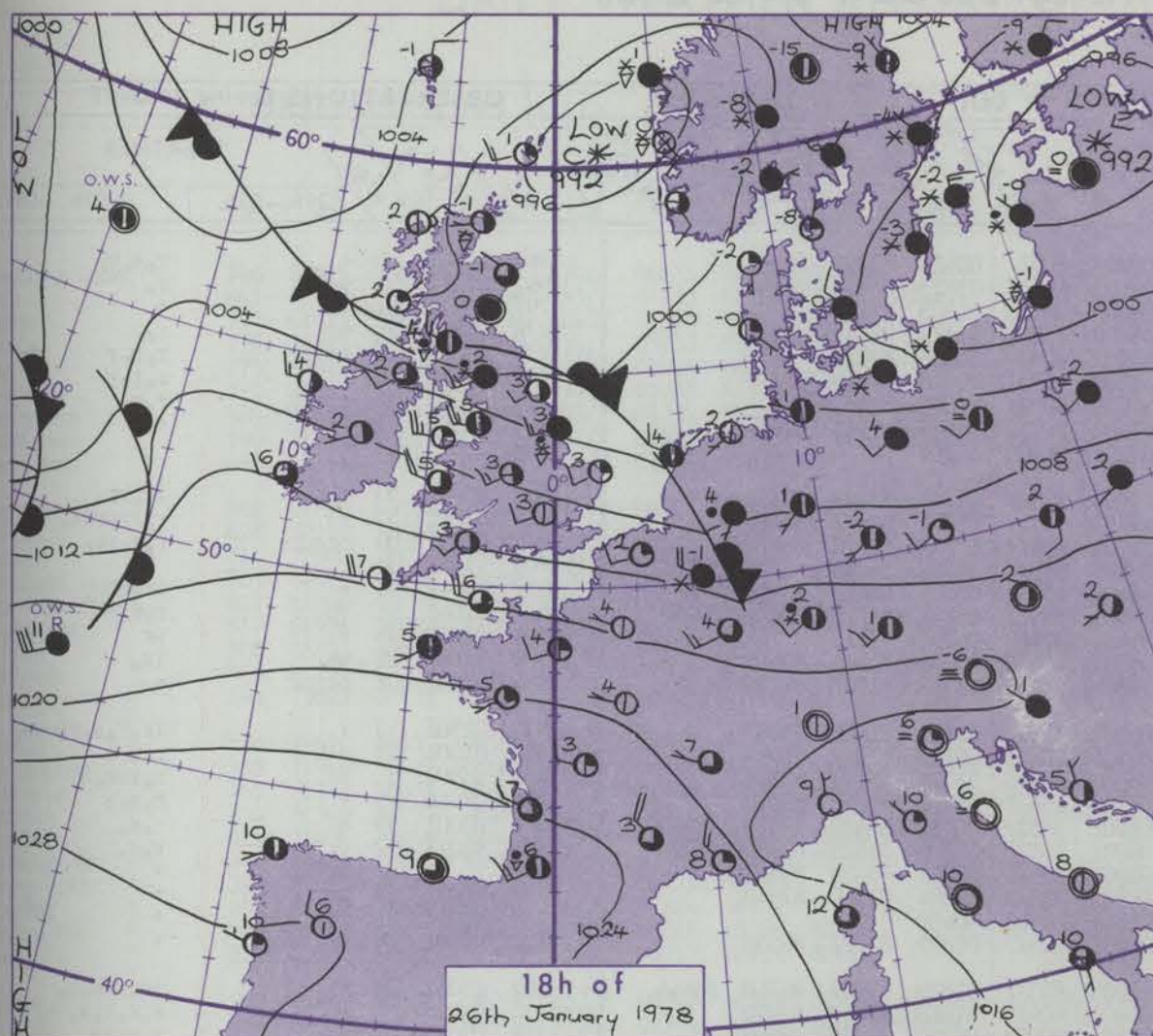


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT.

Issued at midday  
FRIDAY 27 JANUARY 1978

During the past 24 hours a deep depression southwest of Iceland remained slow-moving, while an associated frontal trough to the Dover Straits moved slowly east into the North Sea. A ridge of high pressure built over Britain. A further low developed in mid-Atlantic moving east towards southwest Ireland. During the next 24 hours, the low

southwest of Ireland is expected to move east then northeast into the North Irish Sea. The associated frontal troughs will move east clearing all of the British Isles except northern Scotland.



## No.

H.M.S.O. Press, Met.O. No.

All times



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

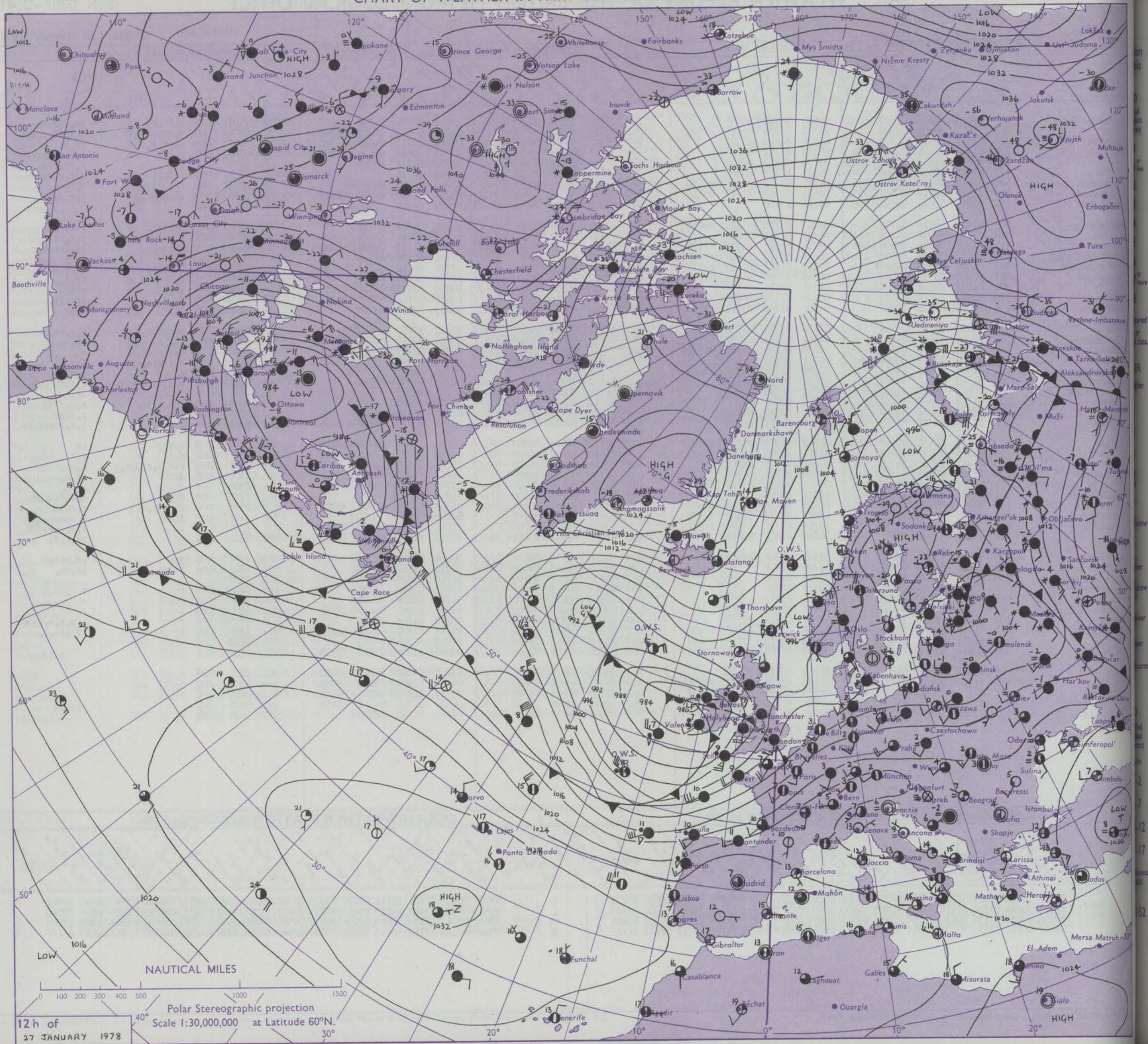
No. 42436

Date of Issue SATURDAY 28 JANUARY 1978

| OBSERVATIONS at 12h. 27 January 1978 |     |       |       |       |   |                    |  |  |  | OBSERVATIONS at 18h. 27 January 1978 |       |       |       |   |                    |  |  |  |     | OBSERVATIONS during DAY |     |   |           |   |  |  |  |  |  |
|--------------------------------------|-----|-------|-------|-------|---|--------------------|--|--|--|--------------------------------------|-------|-------|-------|---|--------------------|--|--|--|-----|-------------------------|-----|---|-----------|---|--|--|--|--|--|
| Station                              |     |       |       |       |   |                    |  |  |  |                                      |       |       |       |   |                    |  |  |  |     |                         |     |   |           |   |  |  |  |  |  |
|                                      | ill | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>M</sub> H | T <sub>d</sub> app | θN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | θN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | θN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill                                  | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>M</sub> H | T <sub>d</sub> app | θN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | θN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | θN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | RRT x T <sub>e</sub>    | SSS | WEATHER   |           |   |  |  |  |  |  |
|                                      |     |       |       |       |   |                    |  |  |  |                                      |       |       |       |   |                    |  |  |  |     |                         |     |   | 09h.—15h. | 15h.—21h.   |  |  |  |  |  |
| Boscombe Down                        | 746 | 82015 | 70607 | 01107 | 5742/   | 06833              | 84710  | 88460  |  | 746                                  | 81824 | 59638 | 91206 | 852//   | 05853              | 83704  | 86706  | 88620  | 746 | 11072                   | 000 | r <sub>c</sub> rRr <sub>c</sub> r <sub>c</sub>  |           | pr <sub>c</sub> rRr <sub>c</sub> r <sub>c</sub>                 |  |  |  |  |  |
| Hurn                                 | 862 | 71918 | 60606 | 02508 | 753//   | 07733              | 82708  | 86611  | 87640  | 862                                  | 81720 | 62588 | 92108 | 7532/   | 06756              | 84708  | 86615  | 88540  | 862 | 06091                   | 000 | r <sub>c</sub> rprRr <sub>c</sub> r <sub>c</sub>  |           | d <sub>c</sub> rprRr <sub>c</sub> r <sub>c</sub>                |  |  |  |  |  |
| Manston                              | 797 | 61915 | 65016 | 06306 | 42432   | 04825              | 84810  | 85362  |  | 797                                  | 81923 | 67608 | 97407 | 6547/   | 05744              | 82711  | 86616  | 88360  | 797 | 94071                   | 008 | r <sub>c</sub> rpr <sub>c</sub> r <sub>c</sub>  |           | ir <sub>c</sub> r <sub>c</sub>                                  |  |  |  |  |  |
| Gatwick                              | 776 | 81919 | 62606 | 04106 | 854//   | 05733              | 83711  | 88617  |  | 776                                  | 81921 | 64606 | 94808 | 6542/   | 05748              | 85616  | 85624  | 88460  | 776 | 03081                   | 000 | r <sub>c</sub> r <sub>c</sub> r   |           | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>     |  |  |  |  |  |
| Kew                                  | 775 | 82013 | 62606 | 03106 | 6742/   | 05736              | 86712  | 88460  |  | 775                                  | 81915 | 65216 | 93608 | 854//   | 05750              | 84715  | 88620  |  | 775 | 01081                   | 000 | r <sub>c</sub> id <sub>c</sub>  |           | r <sub>c</sub> ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub>    |  |  |  |  |  |
| Heathrow                             | 772 | 81915 | 57626 | 03306 | 7747/   | 05735              | 87712  | 88360  |  | 772                                  | 81815 | 65586 | 94108 | 874//   | 06748              | 88716  |  |  | 772 | 01081                   | 000 | r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>  |           | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub> r <sub>c</sub>     |  |  |  |  |  |
| Bonington                            | 586 | 81412 | 56617 | 03402 | 853//   | 01732              | 83708  | 86710  | 88620  | 586                                  | 81615 | 56026 | 94706 | 853//   | 05740              | 86707  | 88614  |  | 586 | 02071                   | 000 | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> r <sub>c</sub>   |           | d <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                    |  |  |  |  |  |
| Wattisham                            | 590 | 71512 | 60617 | 04002 | 753//   | 01833              | 82707  | 83612  | 87616  | 590                                  | 81716 | 59216 | 95605 | 852//   | 05739              | 81705  | 84707  | 88612  | 590 | 02062                   | 000 | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                                 |           | r <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub>     |  |  |  |  |  |
| Gorleston                            | 497 | 72011 | 58616 | 05402 | 756//   | 01716              | 87630  |  |  | 497                                  | 81828 | 60026 | 96706 | 864//   | 04736              | 88715  |  |  | 497 |                         | 000 |   |           |   |  |  |  |  |  |
| Aberporth                            | 502 | 81820 | 65216 | 94708 | 5647/   | 06743              | 85710  | 85359  | 88465  | 502                                  | 81724 | 58636 | 81306 | 873//   | 06759              | 86708  | 88712  |  | 502 | 06082                   | 002 | ir <sub>c</sub> d <sub>c</sub> r <sub>c</sub>   |           | rrr <sub>c</sub> r <sub>c</sub> ir                              |  |  |  |  |  |
| Filton                               | 628 | 72110 | 78038 | 99508 | 48401   | 05736              | 84815  | 86075  |  | 628                                  | 71817 | 62612 | 88007 | 754//   | 05759              | 83618  | 83628  | 87656  | 628 | 02091                   | 021 | r <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub> r <sub>c</sub> rr                                |  |  |  |  |  |
| Rhoose                               | 715 | 71908 | 78036 | 98608 | 38438   | 05735              | 81816  | 83618  | 87272  | 715                                  | 81516 | 68216 | 86607 | 6547/   | 05762              | 82712  | 86616  | 88360  | 715 | 02081                   | 006 | r <sub>c</sub> ir <sub>c</sub>  |           | ir <sub>c</sub> ir <sub>c</sub> r <sub>c</sub> r <sub>c</sub>   |  |  |  |  |  |
| Hartland Point                       | 703 | 82425 | 80026 | 96608 | 17477   | 06839              | 81710  | 83360  | 88275  | 703                                  | 82228 | 62636 | 82807 | 873//   | 07771              | 85706  | 88610  |  | 703 | 06092                   | 000 | +   |           | +   |  |  |  |  |  |
| Mount Batten                         | 827 | 82020 | 65026 | 99509 | 28417   | 07837              | 81812  | 84465  | 88270  | 827                                  | 81931 | 58638 | 85509 | 4742/   | 07776              | 84710  | 88520  |  | 827 | 07091                   | 002 | r <sub>c</sub> phRr <sub>c</sub>  |           | r <sub>c</sub> rR   |  |  |  |  |  |
| St.Mawgan                            | 817 | 81916 | 70028 | 97609 | 5841/   | 06846              | 82710  | 84615  | 88462  | 817                                  | 81922 | 62618 | 83107 | 873//   | 07774              | 81709  | 88711  |  | 817 | 07092                   | 000 | r <sub>c</sub> phr  |           | rr <sub>c</sub> r <sub>c</sub>                                  |  |  |  |  |  |
| Scilly                               | 804 | 81823 | 60626 | 96309 | 854//   | 08751              | 88611  |  |  | 804                                  | 82323 | 56156 | 82609 | 5847/   | 07650              | 82812  | 85621  | 88458  | 804 | 04092                   | 000 | irrr  |           | rrir  |  |  |  |  |  |
| Culdrose                             | 809 | 82121 | 63216 | 98109 | 6542/   | 07848              | 83710  | 86615  | 88460  | 809                                  | 82024 | 60216 | 83507 | 6842/   | 05671              | 82710  | 83816  | 86620  | 809 | 03092                   | 000 | ir <sub>c</sub>   |           | irrrir <sub>c</sub>   |  |  |  |  |  |
| Guernsey                             | 894 | 72022 | 80032 | 05208 | 55336   | 06739              | 81706  | 83612  | 87270  | 894                                  | 81725 | 65606 | 92808 | 7547/   | 06863              | 82712  | 87618  |  | 894 | 02091                   | 005 | ir <sub>c</sub>   |           | rrir  |  |  |  |  |  |
| Elmdon                               | 534 | 71610 | 60217 | 99504 | 772//   | 03739              | 83705  | 87708  |  | 534                                  | 81717 | 60605 | 88807 | 7742/   | 05752              | 87710  | 88458  |  | 534 | 01071                   | 000 | r <sub>c</sub> s <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r <sub>c</sub>                  |           | r <sub>c</sub> r <sub>c</sub> ir <sub>c</sub>                   |  |  |  |  |  |
| Cardington                           | 559 | 71916 | 58617 | 01605 | 4547/   | 04846              | 82712  | 83630  | 87361  | 559                                  | 81714 | 65606 | 92607 | 854//   | 05745              | 83710  | 84619  | 88631  | 559 | 02081                   | 003 | r <sub>c</sub> r <sub>c</sub>   |           | ir <sub>c</sub>   |  |  |  |  |  |
| Wittering                            | 462 | 81712 | 40697 | 01501 | 7722/   | 01739              | 84703  | 87705  | 88550  | 462                                  | 71716 | 68027 | 91606 | 754//   | 05748              | 82711  | 84616  | 87633  | 462 | 05071                   | 001 | r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                                 |           | +   |  |  |  |  |  |
| Watnall                              | 354 | 81509 | 40217 | 00201 | 861//   | 01741              | 88702  |  |  | 354                                  | 81410 | 56056 | 89506 | 863//   | 05752              | 88707  |  |  | 354 | 02061                   | 000 | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub>                  |           | ir <sub>c</sub>   |  |  |  |  |  |
| Shawbury                             | 414 | 71406 | 56606 | 97604 | 6532/   | 02840              | 82706  | 84707  | 85614  | 414                                  | 81512 | 62606 | 85707 | 874//   | 05759              | 88712  |  |  | 414 | 02081                   | 003 | r <sub>c</sub> r <sub>c</sub> r   |           | r <sub>c</sub> r <sub>c</sub>                                   |  |  |  |  |  |
| Finningley                           | 360 | 81310 | 60217 | 99702 | 862//   | 01837              | 86704  | 88710  |  | 360                                  | 81512 | 35106 | 89305 | 6567/   | 04751              | 86630  | 88459  |  | 360 | 01061                   | 000 | r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> r <sub>c</sub> ir <sub>c</sub>                 |           | r <sub>c</sub> r <sub>c</sub>                                   |  |  |  |  |  |
| Spurn Point                          | 396 | 81613 | 56686 | 01802 | 875//   | 01722              | 88720  |  |  | 396                                  | 81618 | 56607 | 92105 | 864//   | 04745              | 88715  |  |  | 396 |                         | 000 | ir <sub>c</sub> r <sub>c</sub> s <sub>c</sub>   |           | ir <sub>c</sub>   |  |  |  |  |  |
| Leeming                              | 257 | 81307 | 15687 | 99101 | 861//   | 01826              | 88702  |  |  | 257                                  | 91512 | 07437 | 88302 | 9//   | 02756              | 89/01  |  |  | 257 | 04051                   | 000 | r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> ss <sub>c</sub>                                |           | r <sub>c</sub> s <sub>c</sub> rsff                              |  |  |  |  |  |
| Tynemouth                            | 262 | 81608 | 48051 | 99803 | 20937   | 01816              | 82358  | 88275  |  | 262                                  | 81620 | 61637 | 90503 | 8062/   | 01750              | 88530  |  |  | 262 | 05052                   | 000 | r <sub>c</sub> s <sub>c</sub>   |           | r <sub>c</sub> s <sub>c</sub> rr                                |  |  |  |  |  |
| Carlisle                             | 222 | 81310 | 65022 | 97303 | 6547/   | 02727              | 82711  | 86630  |  | 222                                  | 81211 | 58637 | 85303 | 854//   | 02760              | 82712  | 83617  | 86624  | 222 | 03052                   | 000 | r <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub> r <sub>c</sub> rsrrr <sub>c</sub> r <sub>c</sub> |  |  |  |  |  |
| Valley                               | 302 | 81619 | 58636 | 93207 | 853//   | 06742              | 82707  | 86710  | 88620  | 302                                  | 81628 | 57616 | 80507 | 853//   | 05756              | 82709  | 86614  | 88628  | 302 | 04081                   | 000 | d <sub>c</sub> rr   |           | rr  |  |  |  |  |  |
| Ringway                              | 334 | 81615 | 58037 | 98003 | 7532/   | 02741              | 83709  | 86640  | 88459  | 334                                  | 81618 | 62026 | 86407 | 7857/   | 04758              | 82822  | 87640  | 88270  | 334 | 92071                   | 001 | s <sub>c</sub> r <sub>c</sub>   |           | r <sub>c</sub>  |  |  |  |  |  |
| Squires Gate                         | 318 | 81412 | 40587 | 96303 | 872//   | 02843              | 85705  | 88710  |  | 318                                  | 81416 | 50046 | 84206 | 854//   | 05763              | 84618  | 88645  |  | 318 | 02071                   | 000 | r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> d <sub>c</sub> r <sub>c</sub> r |           | r <sub>c</sub>  |  |  |  |  |  |
| Ronaldsway                           | 204 | 81318 | 60635 | 93305 | 872//   | 04848              | 82704  | 86706  | 88709  | 204                                  | 81720 | 50616 | 80807 | 853//   | 06752              | 82708  | 85710  | 87622  | 204 | 15081                   | 000 | drRR  |           | Rr <sub>c</sub> r <sub>c</sub>                                  |  |  |  |  |  |
| Mull of Galloway                     | 131 | 81823 | 60616 | 93003 | 5742/   | 03755              | 82710  | 83620  | 88535  | 131                                  | 81526 | 60636 | 79005 | 874//   | 05780              | 88710  |  |  | 131 | 18052                   |     |   |           |   |  |  |  |  |  |
| Eskdalemuir                          | 162 | 83602 | 56704 | 97700 | 863//   | 01731              | 88708  |  |  | 162                                  | 80907 | 06757 | 86500 | 871//   | 05856              | 88702  |  |  | 162 | 12027                   | 000 | fs <sub>c</sub> ss  |           | ssSSffsr <sub>c</sub> rs  |  |  |  |  |  |
| Prestwick                            | 135 | 81110 | 60681 | 95701 | 6547/   | 01828              | 83618  | 85640  | 88460  | 135                                  | 81022 | 30687 | 82801 | 850//   | 01768              | 81701  | 83702  | 85704  | 135 | 05031                   | 000 | r <sub>c</sub> s <sub>c</sub> ir <sub>c</sub>   |           | r <sub>c</sub> s <sub>c</sub> rs                                |  |  |  |  |  |
| Abbotsinch                           | 140 | 80707 | 32044 | 96601 | 35618   | 51827              | 82632  | 83465  | 87275  | 140                                  | 90818 | 06737 | 85101 | 9//   | 05762              | 89//   |  |  | 140 | 11017                   | 000 | ifis <sub>c</sub>   |           | s <sub>c</sub> s <sub>c</sub> ss <sub>c</sub> s <sub>c</sub>    |  |  |  |  |  |
| Leuchars                             | 171 | 70000 | 57054 | 98751 | 35436   | 53715              | 81712  | 83626  | 87270  | 171                                  | 80918 | 59687 | 89703 | 7542/   | 01745              | 83712  | 85620  | 88459  | 171 | 10042                   | 000 | if  |           | r <sub>c</sub> s <sub>c</sub> rsrs                              |  |  |  |  |  |
| Dyce                                 | 091 | 63402 | 57041 | 99451 | 18434   | 54808              | 81818  | 86072  |  | 091                                  | 81007 | 62042 | 93002 | 7847/   | 05273              | 81715  | 86822  | 86640  | 091 | 91033                   | 006 | +   |           | pr <sub>c</sub> r <sub>c</sub> s <sub>c</sub>                   |  |  |  |  |  |
| Lerwick                              | 005 | 70413 | 4084  |       |   |                    |  |  |  |                                      |       |       |       |   |                    |  |  |  |     |                         |     |   |           |   |  |  |  |  |  |

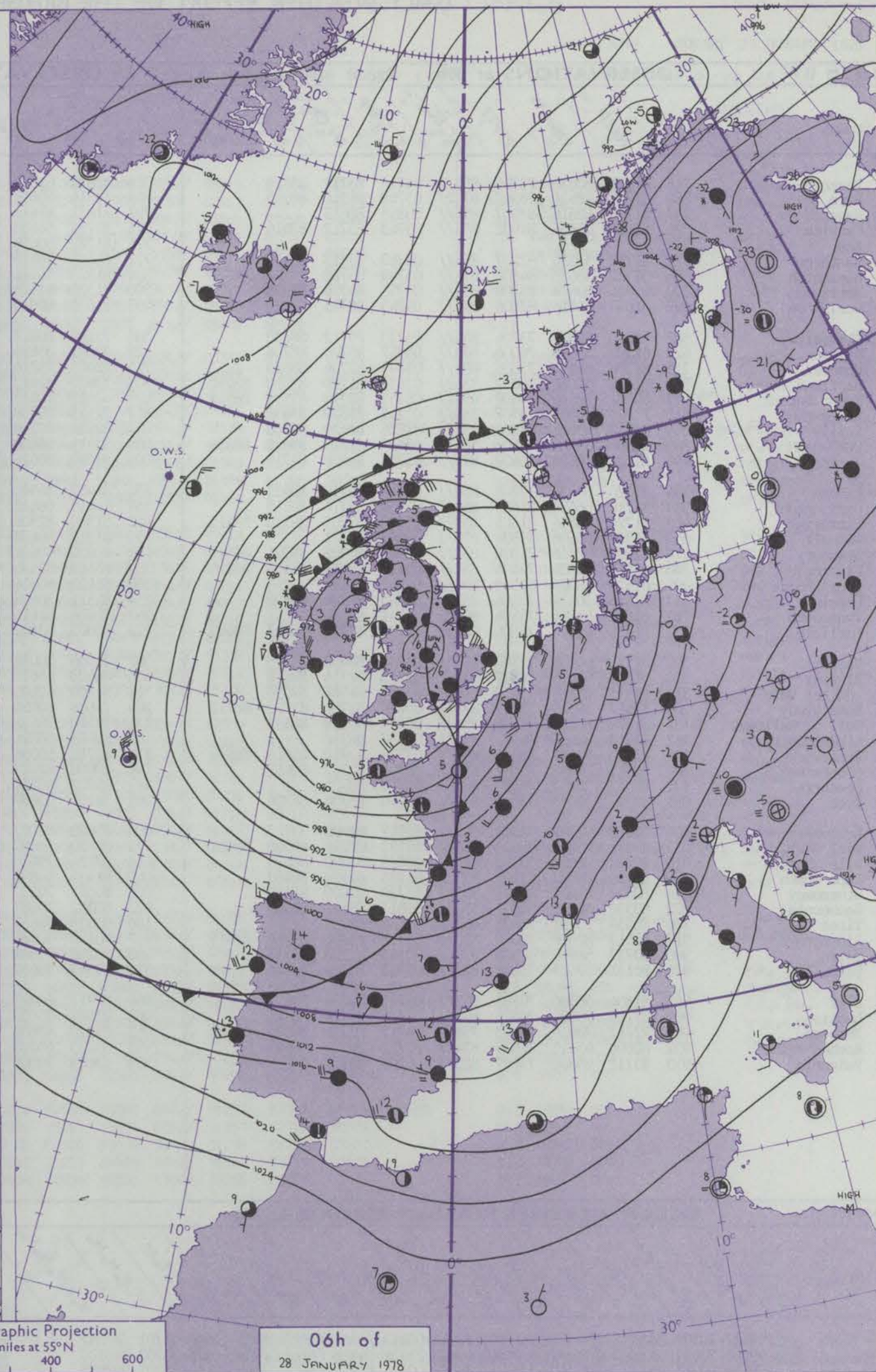
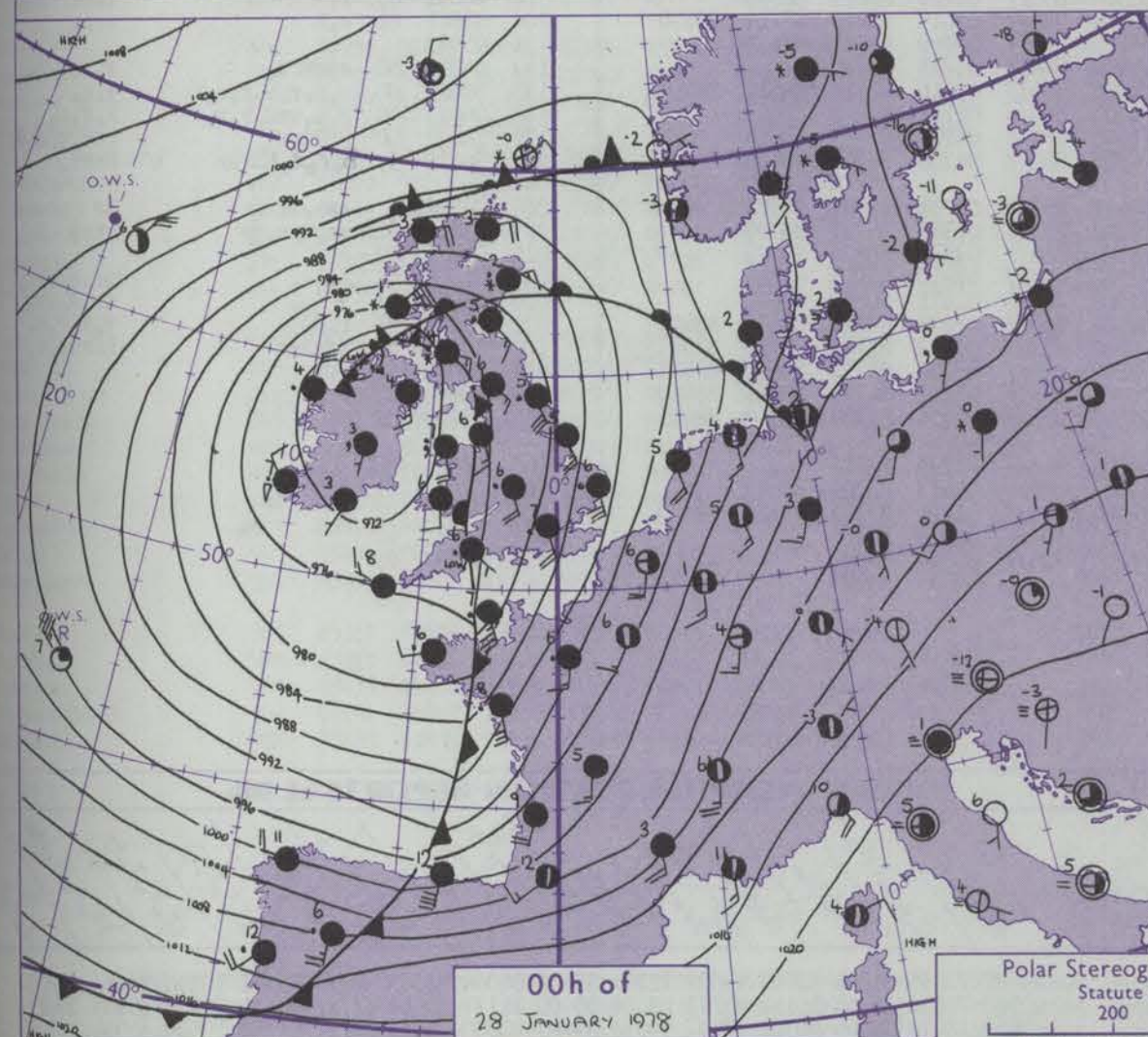
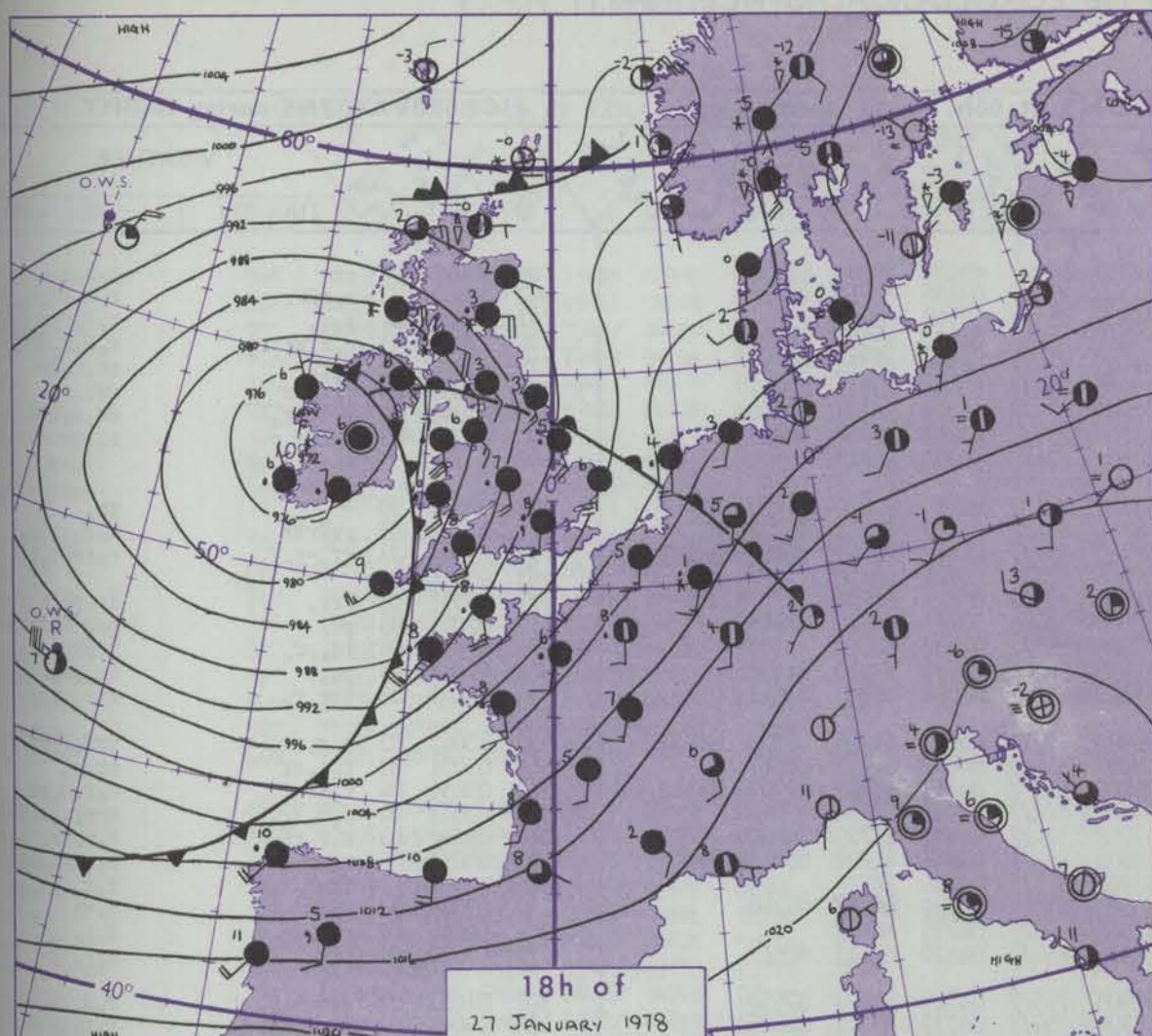


### CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT.

During the past 24 hours a depression west of Ireland deepened and moved steadily eastwards into Northern Ireland. A further depression developed over southwest England

and moved slowly eastwards. During the next 24 hours both depressions are expected to move slowly eastwards and to merge into one centre over the southern North Sea.

Issued at midday SATURDAY 28 JANUARY 1978



## No.

| Code | State         |
|------|---------------|
| Bos  | Massachusetts |
| Hut  | Alabama       |
| Ma   | Alabama       |
| Ca   | California    |
| Key  | Florida       |
| Hec  | Florida       |
| Hor  | Florida       |
| Ma   | Florida       |
| Gop  | Florida       |
| Ab   | Alabama       |
| Fi   | Florida       |
| Rh   | Florida       |
| Pa   | Florida       |
| Mo   | Florida       |
| St   | Florida       |
| Sc   | Florida       |
| Cu   | Florida       |
| Qu   | Florida       |
| El   | Florida       |
| Ca   | California    |
| Ma   | Alabama       |
| Sh   | Florida       |
| Fi   | Florida       |
| Sp   | Florida       |
| Le   | Florida       |
| Ty   | Florida       |
| Ca   | California    |
| Va   | Virginia      |
| Rd   | Florida       |
| Sq   | Florida       |
| Ro   | Florida       |
| Mo   | Florida       |
| Es   | Florida       |
| Pr   | Florida       |
| Ab   | Alabama       |
| Le   | Florida       |
| Dy   | Florida       |
| Le   | Florida       |
| Wh   | Florida       |
| St   | Florida       |
| Ca   | California    |
| St   | Florida       |
| Be   | Florida       |
| Ty   | Florida       |
| A    | Alabama       |
| Ma   | Alabama       |
| Be   | Florida       |
| B    | Florida       |
| D    | Florida       |
| Dr   | Florida       |
| R    | Florida       |
| Va   | Virginia      |

H.M.S.O. Press, Met.O. 10 All times



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

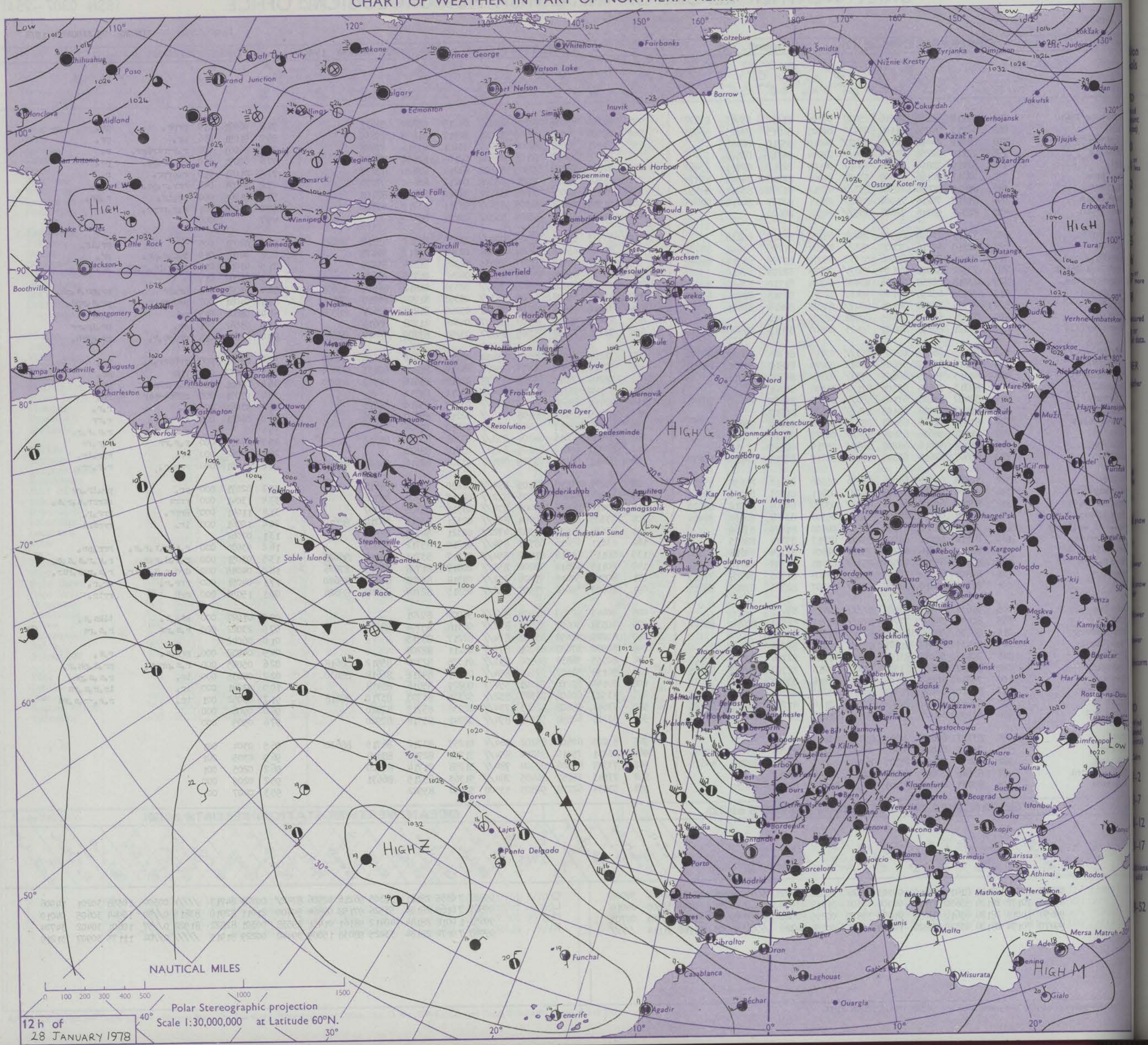
No. 42437

Date of Issue SUNDAY 29 JANUARY 1978

| OBSERVATIONS at 12h. |     |       |       |       |  |                                   |  |  |  | OBSERVATIONS at 18h. |       |       |       |  |                                   |  |  |  |     | OBSERVATIONS during DAY |       |             |              |               |
|----------------------|-----|-------|-------|-------|--|-----------------------------------|--|--|--|----------------------|-------|-------|-------|--|-----------------------------------|--|--|--|-----|-------------------------|-------|-------------|--------------|---------------|
| 28 JANUARY 1978      |     |       |       |       |  |                                   |  |  |  | 28 JANUARY 1978      |       |       |       |  |                                   |  |  |  |     |                         |       |             |              |               |
| Station              | iii | Nddff | VVwwW | PPPTT | N <sub>h</sub> L <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii                  | Nddff | VVwwW | PPPTT | N <sub>h</sub> L <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | iii | RRT x T x E             | SSS   | WEATHER     |              |               |
|                      |     |       |       |       |  |                                   |  |  |  |                      |       |       |       |  |                                   |  |  |  |     |                         |       | 09h.-15h.   | 15h.-21h.    |               |
| Bosc ombe Down       | 746 | 72212 | 82256 | 70506 | 23478  | 04801                             | 81912  | 83463  | 87272  | 746                  | 82506 | 81038 | 72205 | 885//  | 03219                             | 85820  | 88637  |  | 746 | 96071                   | 010   | prpr.       | pr.          |               |
| Hurn                 | 862 | 62213 | 70256 | 71108 | 48432  | 04805                             | 82815  | 83625  | 86075  | 862                  | 62506 | 75038 | 72705 | 58501  | 02217                             | 81825  | 85635  |  | 862 | 91091                   | 036   | pr.         | pr.          |               |
| Vars ton             | 797 | 82019 | 64618 | 74105 | 7542//   | 04010                             | 85710  | 86645  |  | 797                  | 71921 | 78028 | 73606 | 784//  | 03201                             | 83814  | 87622  |  | 797 | 06061                   | 002   | r.r-rsrrr.  | r.           |               |
| Gatwick              | 776 | 72114 | 62256 | 72306 | 724//  | 04004                             | 84712  | 85826  |  | 776                  | 61908 | 70018 | 72103 | 24602  | 02105                             | 82632  | 86070  |  | 776 | 02071                   | 010   | rrrprpr     | pr.          |               |
| Kew                  | 775 | 82010 | 70816 | 71506 | 4941//   | 04109                             | 82712  | 82915  | 88462  | 775                  | 72007 | 75028 | 71805 | 35508  | 03214                             | 83620  | 87270  |  | 775 | 01071                   | 010   | r.rprpr.    | r.           |               |
| Heathrow             | 772 | 72013 | 70166 | 71507 | 53438  | 04006                             | 82915  | 84645  | 87270  | 772                  | 71809 | 75018 | 72006 | 35708  | 04212                             | 83650  | 87270  |  | 772 | 94071                   | 003   | rrr.r.rpr.  | d.r.         |               |
| Honington            | 586 | 81819 | 80606 | 70804 | 853//  | 03212                             | 81709  | 85712  | 88650  | 586                  | 81815 | 80028 | 71205 | 885//  | 04310                             | 85824  | 88650  |  | 586 | 01061                   | 000   | rr.r.       | r.pr.        |               |
| Wattisham            | 590 | 81817 | 75216 | 71904 | 853//  | 03211                             | 82707  | 86710  | 88645  | 590                  | 71915 | 80028 | 72305 | 754//  | 03311                             | 83710  | 87628  |  | 590 | 03052                   | 001   | r.r.rpr.    | r.           |               |
| Gorleston            | 497 | 81828 | 58216 | 72603 | 855//  | 02502                             | 88620  |  |  | 497                  | 81830 | 60022 | 72406 | 855//  | 03202                             | 88620  |  |  | 497 |                         | 000   |             |              |               |
| Aberporth            | 502 | 72711 | 70028 | 69305 | 784/2  | 03309                             | 85815  | 85635  |  | 502                  | 83333 | 65028 | 73905 | 884//  | 03333                             | 81712  | 85814  | 88621  |     | 502                     | 02051 | 005         | pr.          | pr.r.         |
| Filton               | 628 | 82310 | 62216 | 70005 | 5532//   | 03104                             | 81709  | 83620  | 88458  | 628                  | 62609 | 65018 | 72504 | 28402  | 02322                             | 81817  | 86075  |  | 628 | 94061                   | 010   | d.r.rpr.    | pr.          |               |
| Rhoose               | 715 | 72410 | 72256 | 69306 | 53332  | 05004                             | 81709  | 81915  | 84640  | 715                  | 62807 | 78018 | 72704 | 28531  | 02328                             | 81824  | 85075  |  | 715 | 03061                   | 011   | prpr.ph.rpr | pr.          |               |
| Hartland Point       | 703 | 72922 | 82028 | 70105 | 752//  | 04304                             | 82705  | 87612  |  | 703                  | 83230 | 66606 | 74505 | 852//  | 04242                             | 86705  | 88615  |  | 703 | 01062                   | 017   |             |              |               |
| Mount Batten         | 827 | 73018 | 62258 | 72206 | 48402  | 04309                             | 81710  | 83640  | 85072  | 827                  | 73114 | 60808 | 75406 | 784//  | 02338                             | 82812  | 86816  | 85630  |     | 827                     | 03071 | 018         | pr.pr        | pr.rpr.s.sph. |
| St. Mawgan           | 817 | 72925 | 65258 | 72205 | 59432  | 02011                             | 82913  | 83815  | 87070  | 817                  | 83328 | 65608 | 76905 | 883//  | 03353                             | 81709  | 86810  | 88650  |     | 817                     | 04061 | 007         | prphrpr      | pr.s.rpr.     |
| Seilly               | 804 | 72936 | 58278 | 76106 | 6847//   | 03227                             | 85814  | 84621  |  | 804                  | 83242 | 56608 | 81805 | 7842//   | 03249                             | 81818  | 87621  | 88558  |     | 804                     | 06072 | 013         | prh          | rrr.          |
| Culdrose             | 809 | 73021 | 62808 | 74405 | 69403  | 02222                             | 84914  |  |  | 809                  | 83430 | 58608 | 78104 | 883//  | 04349                             | 81708  | 88616  |  | 809 | 03062                   | 001   | pr.         | pr.r.r.      |               |
| Guernsey             | 894 | 72321 | 80258 | 74607 | 694/3  | 04806                             | 84813  | 82920  | 84075  | 894                  | 72728 | 70258 | 75505 | 793//  | 03203                             | 83709  | 84812  | 85918  |     | 894                     | 02072 | 018         | pr.ph.r.     | pr.sph.       |
| Elmdon               | 534 | 82115 | 66607 | 67205 | 853//  | 03116                             | 81708  | 86628  | 88656  | 534                  | 72211 | 70036 | 69605 | 55632  | 02214                             | 82630  | 85656  | 86070  |     | 534                     | 03061 | 000         | rrRrr.r.     | ir.           |
| Cardington           | 559 | 72116 | 65217 | 69605 | 48422  | 03024                             | 81812  | 83630  | 87458  | 559                  | 72110 | 70022 | 71005 | 4847//   | 04214                             | 81818  | 83635  | 87464  |     | 559                     | 04072 | 000         | rrs          | pr.           |
| Wittering            | 462 | 82315 | 56655 | 67603 | 853//  | 03314                             | 84709  | 88611  |  | 462                  | 72214 | 75018 | 69704 | 35678  | 03213                             | 83630  | 86362  | 87270  |     | 462                     | 03061 | 000         | r.r.rpr.     | pr.           |
| Watnall              | 354 | 82313 | 20696 | 65501 | 871//  | 01506                             | 88701  |  |  | 354                  | 82114 | 57217 | 67504 | 864//  | 03211                             | 88714  |  |  |     | 354                     | 17051 | 000         | rrRrr.ssr    | rr.           |
| Shawbury             | 414 | 82407 | 65026 | 67105 | 886//  | 04301                             | 81830  | 86645  | 88656  | 414                  | 82610 | 63606 | 69505 | 874//  | 03217                             | 85710  | 88713  |  |     | 414                     | 93061 | 000         | r.           | r.r.          |
| Firmingley           | 360 | 81407 | 72386 | 64105 | 874//  | 04626                             | 88710  |  |  | 360                  | 82315 | 65216 | 66103 | 855//  | 02216                             | 85620  | 88645  |  |     | 360                     | 06051 | 000         | rrr.d.r.     | r.r.          |
| Spurn Point          | 396 | 81531 | 62166 | 65104 | 854//  | 03743                             | 83710  | 88620  |  | 396                  | 81828 | 62617 | 66405 | 873//  | 04210                             | 88706  |  |  |     | 396                     |       |             | r.r.r.s.     | r.s.r.s.      |
| Leeming              | 257 | 81107 | 58636 | 65805 | 854//  | 04725                             | 88611  |  |  | 257                  | 82907 | 50616 | 64304 | 853//  | 03308                             | 86706  | 88612  |  |     | 257                     | 07052 | 000         | r.r.r.       | r.r.r.        |
| Tyne mouth           | 262 | 81418 | 56616 | 68205 | 8052//   | 05719                             | 88520  |  |  | 262                  | 80520 | 69616 | 64204 | 8052//   | 03714                             | 88520  |  |  |     | 262                     | 04062 | 000         | rr           | r.r.r.        |
| Carlisle             | 222 | 80607 | 62616 | 67304 | 854//  | 03715                             | 82712  | 84620  | 85635  | 222                  | 73413 | 68016 | 67305 | 784//  | 03306                             | 82816  | 84623  | 86648  |     | 222                     | 01051 | 000         | rrr.r.       | r.r.r.        |
| Valley               | 302 | 72705 | 62026 | 68006 | 68476  | 05306                             | 81812  | 85650  | 87270  | 302                  | 83231 | 70218 | 72105 | 884//  | 02230                             | 84814  | 886188   |  |     | 302                     | 02071 | 000         | pr.          | pr.r.r.       |
| Ringway              | 334 | 82709 | 50636 | 65704 | 862//  | 03611                             | 81703  | 86706  | 88712  | 334                  | 82914 | 57637 | 67903 | 872//  | 02217                             | 81704  | 88706  |  |     | 334                     | 13041 | 000         | rrrs         | rrrr.s.s.s.   |
| Squires Gate         | 318 | 83407 | 60616 | 66304 | 852//  | 03710                             | 84704  | 86712  | 88620  | 318                  | 83216 | 59616 | 67403 | 872//  | 03316                             | 85705  | 88707  |  |     | 318                     | 11041 | 000         | Rrrr.        | rrr.r.        |
| Ronldsway            | 204 | 83508 | 66216 | 68306 | 5531//   | 05303                             | 82708  | 84650  | 88464  | 204                  | 83325 | 57632 | 70704 | 854//  | 02321                             | 83710  | 86714  | 88618  |     | 204                     | 10061 | 000         | ir.          | rrrrs         |
| Mull of Galloway     | 131 | 70224 | 78026 | 69105 | 3857//   | 04400                             | 81820  | 87460  |  | 131                  | 83638 | 70632 | 71302 | 4722//   | 02321                             | 84705  | 88515  |  |     | 131                     | 02062 |             |              |               |
| Esksdalemuir         | 162 | 83610 | 60217 | 68502 | 854//  | 00813                             | 85714  | 88625  |  | 162                  | 83611 | 65216 | 68503 | 854//  | 01210                             | 85712  | 88625  |  |     | 162                     | 03036 | 000         | r.s.s.s.s.s. | rrr.rpr.      |
| Prestwick            | 135 | 80111 | 60616 | 69703 | 7542//   | 02604                             | 82714  | 84618  | 87650  | 135                  | 80119 | 64616 | 71402 | 854//  | 01217                             | 83711  | 83618  | 86628  |     | 135                     | 03051 | 000         | r.d.s.s.s.   | r.r.r.s.s.s.  |
| Abbotsinch           | 140 | 80109 | 65587 | 70503 | 853//  | 01707                             | 81708  | 84712  | 87618  | 140                  | 80115 | 62616 | 72202 | 853//  | 00317                             | 81708  | 83615  | 87626  |     | 140                     | 04045 | 000         | d.r.d.r.s.s. | r.s.s.s.s.s.  |
| Leuchars             | 171 | 80808 | 62616 | 70405 | 7522//   | 03708                             | 81703  | 84708  | 87615  | 171                  | 80510 | 57616 | 71405 | 852//  | 04314                             | 81703  | 86710  | 88620  |     | 171                     | 04051 | 000         | rrr.r.       | rrr.          |
| Dyce                 | 091 | 81202 | 40616 | 72705 | 852//  | 04707                             | 82703  | 87705  | 88615  | 091                  | 80607 | 50606 | 73905 | 852//  | 05315                             | 82704</  |  |  |     |                         |       |             |              |               |

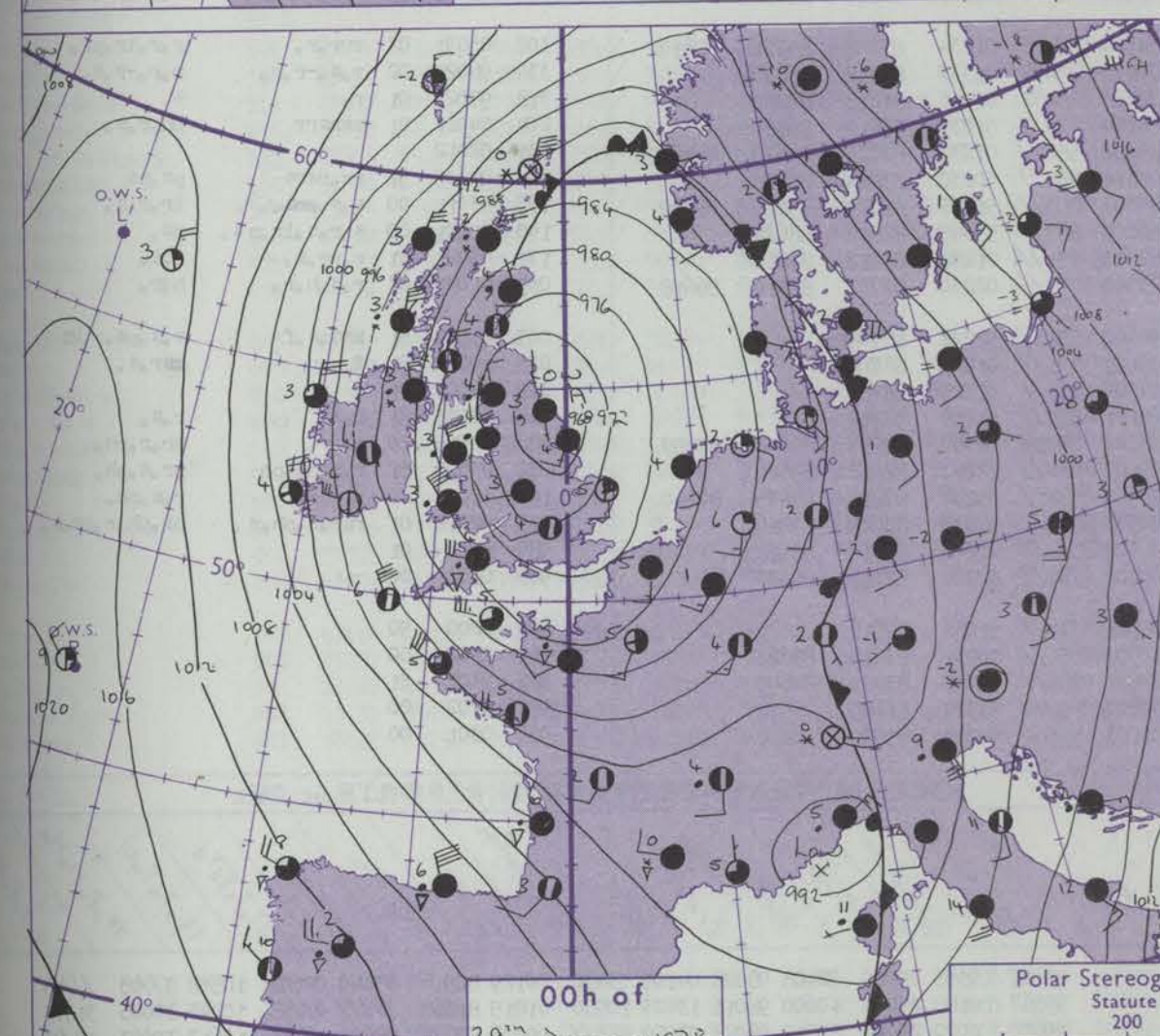
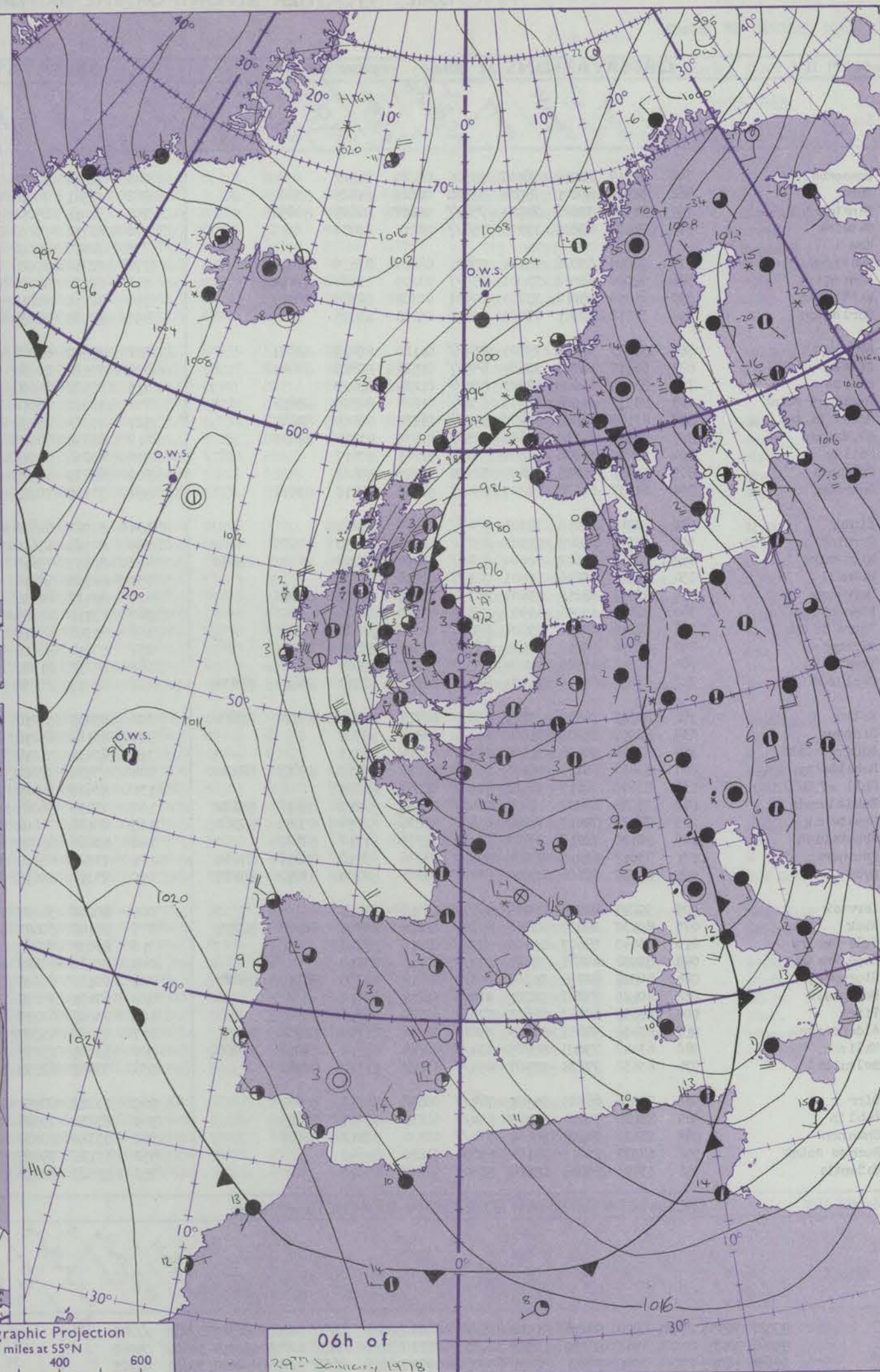
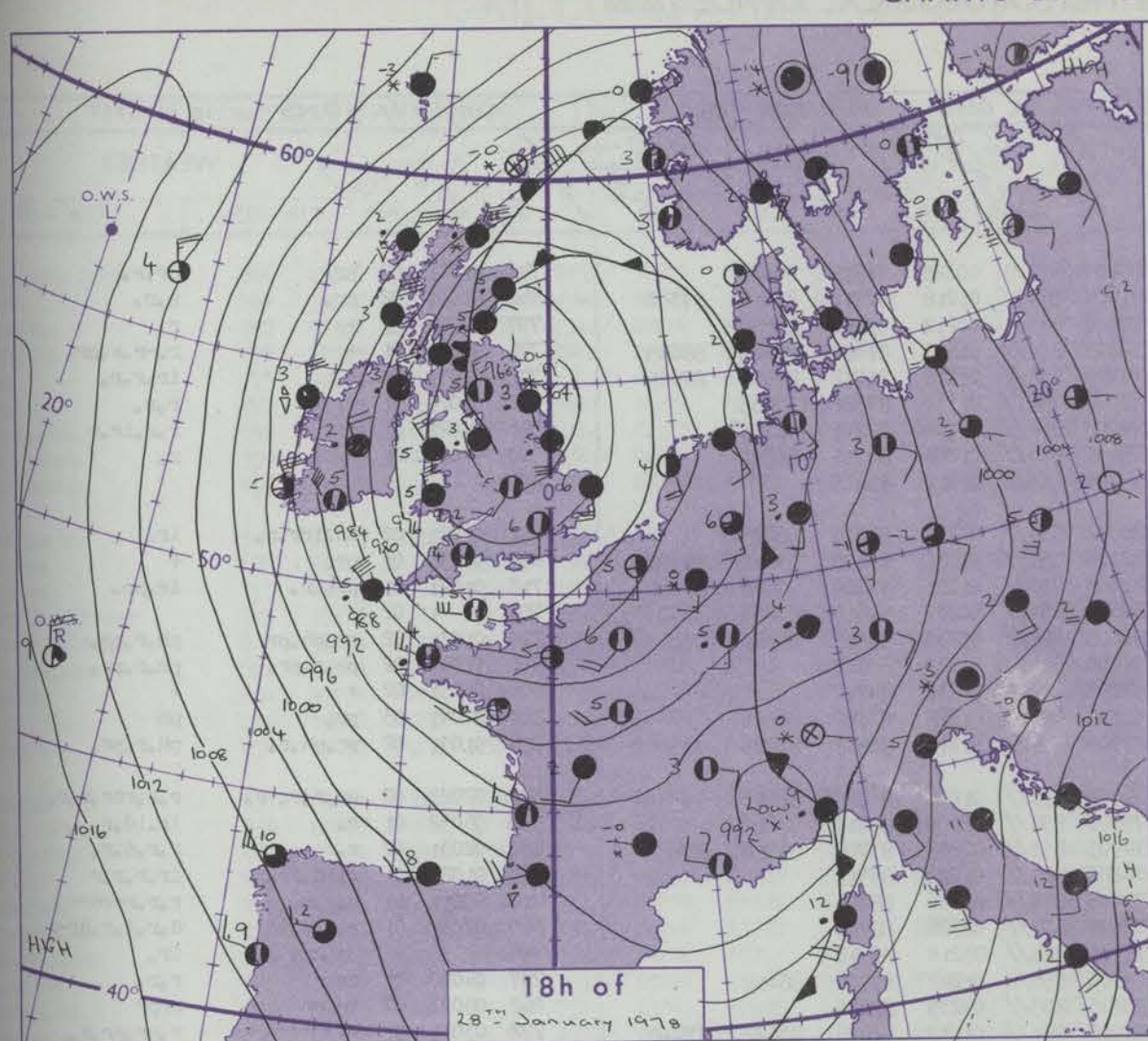


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPSIS DEVELOPMENT.

During the last 24 hours a complex low pressure system moved slowly eastwards across northern England into the North Sea. During the next 24 hours this low pressure area is

expected to move slowly east into the southern North Sea, and further troughs of low pressure will move into western districts.

Issued at midday SUNDAY 29 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| OBSERVATIONS at 00h. 29 JANUARY 1978 |                  |     |       |       |       |  |                    |  |  | OBSERVATIONS at 06h. 29 JANUARY 1978           |     |       |       |       |  |                    |  |  |  | OBSERVATIONS during NIGHT |                                  |                               |                |           |                |
|--------------------------------------|------------------|-----|-------|-------|-------|--|--------------------|--|--|--|-----|-------|-------|-------|--|--------------------|--|--|--|---------------------------|----------------------------------|-------------------------------|----------------|-----------|----------------|
| Code FM II.V                         | Station          | ill | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill | Nddff | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill                       | RR <sub>n</sub> T <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER        |           |                |
|                                      |                  |     |       |       |       |  |                    |  |  |  |     |       |       |       |  |                    |  |  |  |                           |                                  |                               | 21h.—03h.      | 03h.—09h. |                |
|                                      | Boscombe Down    | 746 | 12817 | 82018 | 76403 | 18501  | 00220              | 81822  |  |  | 746 | 72817 | 82028 | 80103 | 654/8  | 00225              | 81712  | 86628  |  | 746                       | 91021                            | 50                            | pr.            |           | pr.r.          |
|                                      | Hurn             | 862 | 32920 | 80021 | 78004 | 38500  | 01227              | 81825  | 83640  |  | 862 | 72921 | 75018 | 81604 | 5547/  | 01218              | 82710  | 85618  | 87360  | 862                       | 91031                            | 02                            | pr.            |           | r.r.           |
|                                      | Marston          | 797 | 71910 | 70026 | 74904 | 756//  | 02007              | 84645  | 86656  |  | 797 | 52411 | 65012 | 77602 | 45501  | 00212              | 81620  | 84630  |  | 797                       | 97021                            | 51                            | +              |           | r.             |
|                                      | Gatwick          | 776 | 72409 | 65031 | 75303 | 756//  | 02214              | 87630  |  |  | 776 | 82712 | 75236 | 78203 | 854//  | 01113              | 81616  | 86625  | 88645  | 776                       | 97021                            | 51                            | +              |           | r.r.s.s.pr.    |
|                                      | Kew              |     |       |       |       |  |                    |  |  |  | 775 | 72410 | 80026 | 77704 | 754//  | 01218              | 81712  | 83620  | 87629  | 775                       | 91031                            | 01                            | +              |           | ir.r.r.        |
|                                      | Heathrow         | 772 | 72509 | 65026 | 75104 | 55601  | 03213              | 85635  | 86075  |  | 772 | 72714 | 80026 | 77903 | 755//  | 01113              | 82621  | 87635  |  | 772                       | 91021                            | 51                            | +              |           | r.r.           |
|                                      | Honington        | 586 | 72007 | 65032 | 73003 | 755//  | 03209              | 85624  | 87650  |  | 586 | 82110 | 64026 | 74703 | 864//  | 01105              | 82711  | 88714  |  | 586                       | 94021                            | 01                            | +              |           | r.r.ir.r       |
|                                      | Wattisham        | 590 | 61910 | 58012 | 73703 | 20932  | 02308              | 82360  | 86075  |  | 590 | 82212 | 70212 | 75603 | 854//  | 01208              | 86711  | 88622  |  | 590                       | 97032                            | 01                            | +              |           | r.             |
|                                      | Gorleston        | 497 | 31812 | 62021 | 73405 | 35500  | 05203              | 83625  |  |  | 497 | 82108 | 60687 | 75704 | 855//  | 03212              | 88625  |  |  | 497                       |                                  |                               |                |           |                |
|                                      | Aberporth        | 502 | 83243 | 62628 | 79803 | 854//  | 01120              | 85615  | 88628  |  | 502 | 83340 | 62026 | 86802 | 854//  | 02237              | 86615  | 88625  |  | 502                       | 02021                            | 02                            | ir.ir.r.r.     |           | ir.            |
|                                      | Filton           | 628 | 62817 | 65028 | 77504 | 655//  | 01121              | 82625  | 85645  |  | 628 | 73120 | 70038 | 82204 | 4567/  | 51331              | 83630  | 83650  | 86358  | 628                       | 92031                            | 01                            | pr.            |           | +              |
|                                      | Rhoose           | 715 | 83020 | 64608 | 78303 | 854//  | 01224              | 88612  |  |  | 715 | 82922 | 64606 | 83003 | 7537/  | 01331              | 81709  | 87618  | 88460  | 715                       | 01021                            | 01                            | pr.ir.         |           | ir.pr.         |
|                                      | Hartland Point   | 703 | 83532 | 66026 | 82605 | 852//  | 01228              | 84705  | 88618  |  | 703 | 73343 | 66016 | 88605 | 4541/  | 50237              | 84619  | 87460  |  | 703                       | 92 1 02                          |                               |                |           |                |
|                                      | Mount Batten     | 827 | 83125 | 62808 | 84605 | 884//  | 01233              | 83815  | 88641  |  | 827 | 73328 | 65278 | 89005 | 784//  | 51233              | 83815  | 87640  |  | 827                       | 01031                            | 02                            | pr.ph.pr       |           | ph.r.pr.       |
|                                      | St. Mawgan       | 817 | 83238 | 62258 | 86605 | 885//  | 00239              | 83820  | 88633  |  | 817 | 63338 | 62018 | 92104 | 68500  | 51229              | 85822  |  |  | 817                       | 91041                            | 02                            | ph.r.pr.       |           | ph.r.pr.       |
|                                      | Scilly           | 804 | 73239 | 56026 | 92206 | 754//  | 52241              | 87617  |  |  | 804 | 43236 | 60011 | 97205 | 42400  | 52231              | 84717  |  |  | 804                       | 00051                            | 02                            | +              |           | +              |
|                                      | Culdrose         | 809 | 53332 | 60808 | 88605 | 52500  | 52249              | 85822  |  |  | 809 | 63233 | 60028 | 93505 | 68400  | 01328              | 82818  | 86635  |  | 809                       | 97041                            | 03                            | pr.            |           | ph             |
|                                      | Guernsey         | 894 | 63137 | 65278 | 83205 | 694/3  | 50242              | 84818  | 85926  |  | 894 | 73141 | 70278 | 87305 | 794//  | 51015              | 86818  | 83925  |  | 894                       | 91031                            | 02                            | pr.ph.r.       |           | ph.r.pr.       |
|                                      | Elmdon           | 534 | 82714 | 80218 | 72903 | 854//  | 01218              | 88613  |  |  | 534 | 82923 | 64686 | 76502 | 853//  | 01221              | 86709  | 88645  |  | 534                       | 02022                            | 02                            | pr.r.r.r.      |           | r.r.r.s.r.s.r. |
|                                      | Cardington       | 559 | 72311 | 60028 | 73303 | 25732  | 02210              | 82650  | 87075  |  | 559 | 82515 | 65606 | 75803 | 854//  | 02309              | 84712  | 88619  |  | 559                       | 96032                            | 01                            | r.             |           | ir.id.r        |
|                                      | Wittering        | 462 | 82513 | 75602 | 72004 | 854//  | 03210              | 84713  | 86620  | 88650  | 462 | 82817 | 75616 | 74103 | 853//  | 02208              | 83708  | 86710  | 88617  | 462                       | 92031                            | 02                            | r.             |           | r.r.id.r       |
|                                      | Watral           | 354 | 82511 | 40206 | 71103 | 861//  | 02216              | 88702  |  |  | 354 | 82908 | 58216 | 74203 | 864//  | 01222              | 88710  |  |  | 354                       | 01021                            | 01                            | r.id.ir.       |           | ir.r.r.r       |
|                                      | Shawbury         | 414 | 82812 | 68216 | 73403 | 863//  | 01218              | 83708  | 88710  |  | 414 | 83127 | 64696 | 79203 | 873//  | 02236              | 88708  |  |  | 414                       | 05011                            | 01                            | r.r.           |           | r.r.r.r.s      |
|                                      | Finningsley      | 360 | 82314 | 65036 | 68903 | 855//  | 02110              | 88626  |  |  | 360 | 83114 | 65586 | 72804 | 873//  | 02326              | 88709  |  |  | 360                       | 02031                            | 01                            | r.d.r.dr       |           | d.r.d.r.dr-r   |
|                                      | Spurn Point      | 396 | 82214 | 64216 | 69804 | 856//  | 02216              | 88630  |  |  | 396 | 81903 | 57216 | 72103 | 864//  | 03214              | 88713  |  |  | 396                       |                                  |                               | ir.r.r.        |           | ir.            |
|                                      | Leeming          | 257 | 83316 | 50616 | 66903 | 863//  | 03316              | 84706  | 88708  |  | 257 | 83316 | 56616 | 74303 | 853//  | 01242              | 85706  | 88618  |  | 257                       | 04022                            | 01                            | rr.r.          |           | r.r.           |
|                                      | Tynemouth        | 262 | 80512 | 69026 | 68404 | 855//  | 02227              | 88624  |  |  | 262 | 80218 | 61026 | 75205 | 855//  | 04235              | 88625  |  |  | 262                       | 08022                            | 02                            | ir.rr          |           | rrpr           |
|                                      | Carlisle         | 222 | 83516 | 65616 | 71104 | 854//  | 02324              | 82713  | 86619  | 88633  | 222 | 73417 | 75256 | 78903 | 784//  | 01133              | 82818  | 85622  | 87640  | 222                       | 03031                            | 01                            | r.r.r.r.r.     |           | r.pr.pr.s.s.   |
|                                      | Valley           | 302 | 83337 | 56636 | 77203 | 853//  | 02224              | 82707  | 85709  | 88614  | 302 | 83438 | 57216 | 84504 | 853//  | 01234              | 81708  | 85711  | 88617  | 302                       | 05031                            | 02                            | rrr.r.         |           | r.r.ir.pr.     |
|                                      | Ringway          | 334 | 82917 | 65607 | 71004 | 863//  | 02313              | 88707  |  |  | 334 | 83119 | 75216 | 76403 | 854//  | 01337              | 86712  | 88630  |  | 334                       | 96021                            | 02                            | r.s.r.r.       |           | r.r.r.s.s.     |
|                                      | Squires Gate     | 318 | 83324 | 70606 | 71504 | 874//  | 02221              | 88713  |  |  | 318 | 63431 | 81016 | 78803 | 25432  | 01243              | 81618  | 83360  |  | 318                       | 97021                            | 01                            | r.             |           | +              |
|                                      | Ronaldsway       | 204 | 83433 | 63236 | 76103 | 754/7  | 01230              | 81710  | 87617  | 88270  | 204 | 73434 | 72027 | 83604 | 724//  | 51239              | 83816  | 86821  |  | 204                       | 04021                            | 01                            | rrsrrr         |           | ph.r.s.s.      |
|                                      | Mull of Galloway | 131 | 83640 | 74617 | 77602 | 8052/  | 01237              | 88520  |  |  | 131 | 83645 | 65626 | 85502 | 5522/  | 01237              | 82705  | 84620  | 88460  | 131                       | 02012                            |                               |                |           |                |
|                                      | Esksdalemuir     | 162 | 73525 | 60808 | 72402 | 784//  | 01324              | 82710  | 84816  | 85624  | 162 | 73435 | 56268 | 79801 | 784//  | 50230              | 83816  | 85630  |  | 162                       | 06005                            | 51                            | pr.r.s.r.s     |           | ps.ps          |
|                                      | Prestwick        | 135 | 70127 | 70017 | 77802 | 6543/  | 51236              | 82616  | 85645  | 87360  | 135 | 80126 | 70602 | 85302 | 853//  | 51237              | 81707  | 85715  | 88620  | 135                       | 93011                            | 00                            | s.s.s.s.ir.ps. |           | ir.r.s.s.      |
|                                      | Abbotsinch       | 140 | 80122 | 70217 | 78603 | 754/3  | 51335              | 81712  | 87642  |  | 140 | 83624 | 68268 | 86203 | 884//  | 53345              | 82816  | 88624  |  | 140                       | 01501                            | 00                            | s.r.s.s.ir.ps. |           | ps.            |
|                                      | Leuchars         | 171 | 73612 | 62216 | 75904 | 754//  | 03226              | 83710  | 83616  | 87630  | 171 | 73520 | 66237 | 82403 | 754//  | 01238              | 83712  | 86618  |  | 171                       | 03021                            | 01                            | r.r.r.s.s.     |           | r.s.s.         |
|                                      | Dyce             | 091 | 83507 | 57506 | 78004 | 853//  | 03221              | 82709  | 83712  | 88625  | 091 | 73311 | 59057 | 83503 | 753//  | 02230              | 82707  | 83710  | 86618  | 091                       | 01031                            | 02                            | r.d.ph.r.      |           | h.r.           |
|                                      | Lerwick          | 005 | 90245 | 02719 | 86200 | 9////  | 52310              | 89/01  |  |  | 005 | 80240 | 56227 | 90600 | 872//  | 52222              | 88705  |  |  | 005                       | 01517                            | 51                            | lss.s.s.f      |           | s.s.ps.r.lss   |
|                                      | Wick             | 075 | 80237 | 28697 | 83502 | 872//  | 02221              | 84704  | 86706  | 88711  | 075 | 80140 | 30687 | 89101 | 873//  |                    |  |  |  |                           |                                  |                               |                |           |                |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

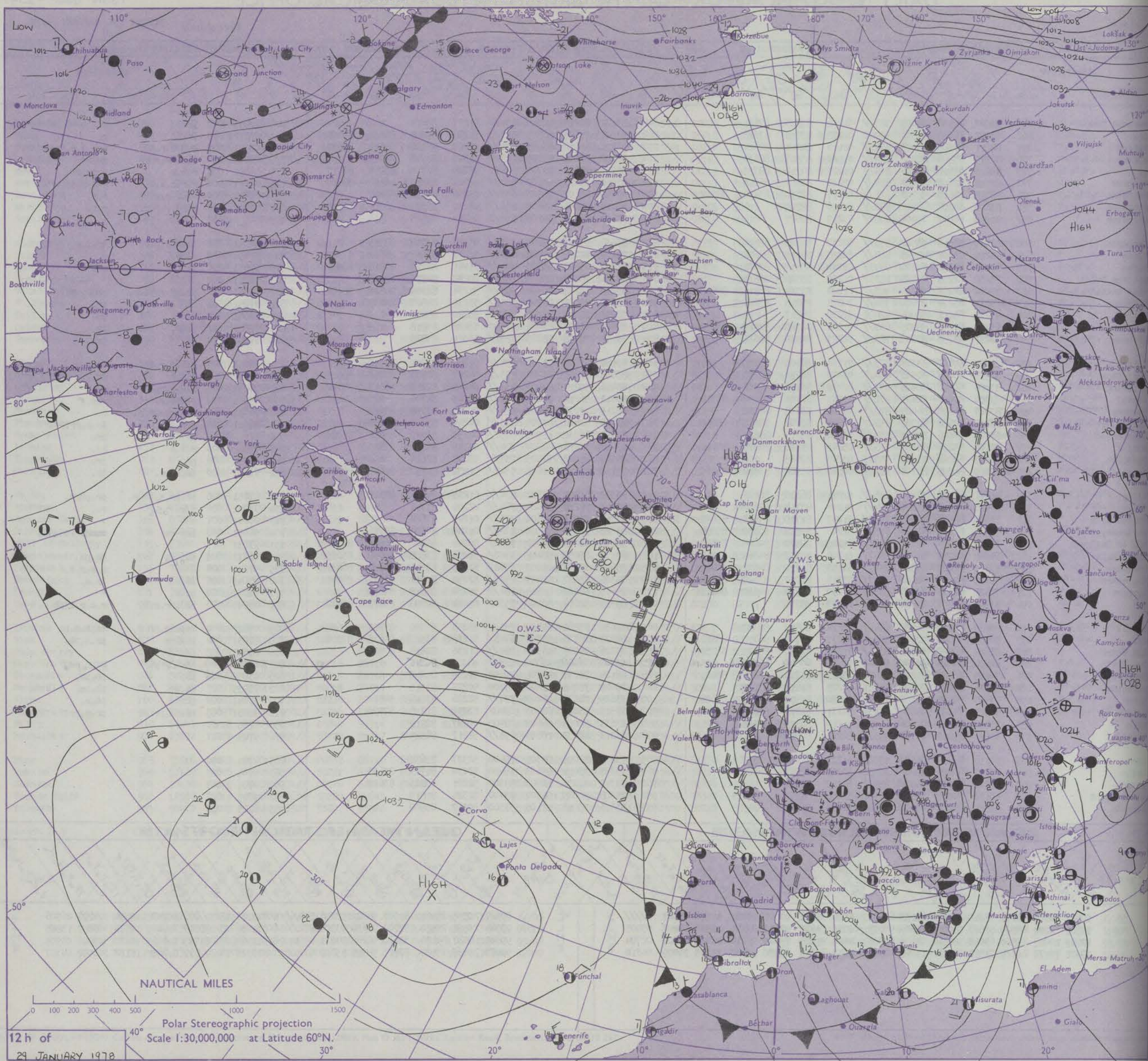
No. 42438

Date of Issue MONDAY 30 JANUARY 1978

| OBSERVATIONS at 12h. 29 JANUARY 1978 |     |       |       |       |   |                                 |  |  |  |     | OBSERVATIONS at 18h. 29 JANUARY 1978 |       |       |   |                                 |  |  |  |     |       |                               | OBSERVATIONS during DAY |           |                |  |  |
|--------------------------------------|-----|-------|-------|-------|---|---------------------------------|--|--|--|-----|--------------------------------------|-------|-------|---|---------------------------------|--|--|--|-----|-------|-------------------------------|-------------------------|-----------|----------------|--|--|
| Station                              | ill | Nddff | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> T <sub>app</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill | Nddff                                | VVwww | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | T <sub>d</sub> T <sub>app</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill | RRT   | T <sub>h</sub> X <sub>E</sub> | SSS                     | WEATHER   |                |  |  |
|                                      |     |       |       |       |   |                                 |  |  |  |     |                                      |       |       |   |                                 |  |  |  |     |       |                               |                         | 09h.—15h. | 15h.—21h.      |  |  |
| Bosc ombe Down                       | 746 | 73022 | 86802 | 84605 | 785//   | 51216                           | 85823  | 87631  |  | 746 | 83122                                | 80218 | 92003 | 854//   | 01237                           | 88614  |  |  | 746 | 92051 | 007                           | pr.                     |           | r.             |  |  |
| Hurn                                 | 862 | 52922 | 82036 | 86806 | 48402   | 02222                           | 83818  | 83075  |  | 862 | 83021                                | 80608 | 92805 | 884//   | 51238                           | 81818  | 86624  | 88650  | 862 | 97071 | 033                           | pr.r.                   |           | r.             |  |  |
| Mars ton                             | 797 | 82511 | 66586 | 80903 | 854//   | 02116                           | 84711  | 88614  |  | 797 | 83414                                | 60216 | 85003 | 883//   | 02229                           | 83706  | 86812  | 88630  | 797 | 02041 | 000                           | d.d.d.r.d.r.            |           | d.r.d.r.drr.   |  |  |
| Gatwick                              | 776 | 82915 | 75806 | 82404 | 884//   | 01120                           | 85817  | 88634  |  | 776 | 83220                                | 57638 | 88003 | 873//   | 01340                           | 82708  | 88710  |  | 776 | 04042 | 000                           | r.r.pr.r.r              |           | rr.r           |  |  |
| Kew                                  | 775 | 82813 | 65616 | 81904 | 874//   | 01223                           | 84710  | 88715  |  | 775 | 83211                                | 58616 | 88703 | 874//   | 02249                           | 82710  | 85714  | 88717  | 775 | 04051 | 000                           | r.r.r                   |           | r.r.r.         |  |  |
| Heathrow                             | 772 | 82918 | 62616 | 82604 | 854//   | 02222                           | 83712  | 88614  |  | 772 | 83016                                | 57617 | 89103 | 854//   | 02248                           | 83710  | 86613  | 88620  | 772 | 03041 | 000                           | r.r.r.s.                |           | r.s.r.s.s.r.r. |  |  |
| Honington                            | 586 | 82512 | 56616 | 78703 | 872//   | 02117                           | 82703  | 85706  | 88707  | 586 | 63310                                | 45107 | 86803 | 655//   | 03250                           | 83623  | 86645  |  | 586 | 01041 | 000                           | rr.r.r.s.               |           | r.r.           |  |  |
| Mattisham                            | 590 | 82613 | 62216 | 79203 | 872//   | 01216                           | 88705  |  |  | 590 | 83414                                | 40056 | 86603 | 852//   | 02250                           | 83703  | 86707  | 88620  | 590 | 01042 | 000                           | r.r.d.r.r.r.            |           | r.r.           |  |  |
| Gorleston                            | 497 | 81910 | 64607 | 79304 | 8052//  | 03219                           | 88525  |  |  | 497 | 83612                                | 58206 | 86105 | 855//   | 04244                           | 88625  |  |  | 497 |       | 000                           |                         |           |                |  |  |
| Aberporth                            | 502 | 83445 | 58616 | 93802 | 853//   | 02237                           | 86708  | 88620  |  | 502 | 83436                                | 57617 | 99303 | 873//   | 03333                           | 83707  | 88709  |  | 502 | 03041 | 000                           | ir.r.r.s.r.             |           | ir.r.r.        |  |  |
| Filton                               | 628 | 83215 | 75602 | 88105 | 854//   | 50225                           | 86615  | 88624  |  | 628 | 73216                                | 82018 | 94804 | 6547//  | 50237                           | 82617  | 86630  | 87359  | 628 | 97051 | 003                           | r.pr.                   |           | +              |  |  |
| Rhoose                               | 715 | 63121 | 68258 | 89404 | 6843//  | 01329                           | 85817  | 83624  |  | 715 | 72917                                | 65808 | 95803 | 784//   | 01141                           | 82712  | 84815  | 86650  | 715 | 97051 | 010                           | pr.                     |           | pr.            |  |  |
| Hartland Point                       | 703 | 73250 | 62258 | 94705 | 6837//  | 01229                           | 83706  | 86815  |  | 703 | 83250                                | 64028 | 99805 | 882//   | 00228                           | 84705  | 88635  |  | 703 | 97051 | 000                           |                         |           |                |  |  |
| Mount Batten                         | 827 | 73124 | 62268 | 95204 | 783//   | 01228                           | 83709  | 86814  | 86630  | 827 | 83218                                | 65808 | 00404 | 883//   | 51234                           | 82709  | 84820  | 88628  | 827 | 02051 | 000                           | pr.pr.s.ph.r.           |           | ph.r.pr.       |  |  |
| St. Mawgan                           | 817 | 73334 | 65278 | 97604 | 784//   | 50228                           | 85818  | 87630  |  | 817 | 63329                                | 80028 | 02704 | 685//   | 53231                           | 84825  | 84638  |  | 817 | 97051 | 004                           | ph                      |           | ph.            |  |  |
| Scilly                               | 804 | 43234 | 65011 | 02906 | 42400   | 52230                           | 84817  |  |  | 804 | 53232                                | 81018 | 05905 | 52400   | 53220                           | 85817  |  |  | 804 | 97061 | 045                           | +                       |           | ph             |  |  |
| Culdrose                             | 809 | 63432 | 62258 | 98805 | 633//   | 51228                           | 82708  | 82920  | 85630  | 809 | 53428                                | 65028 | 03404 | 52400   | 55228                           | 85818  |  |  | 809 | 92061 | 032                           | phpr.                   |           | pr.            |  |  |
| Guernsey                             | 894 | 73037 | 75258 | 93605 | 785//   | 51223                           | 84820  | 86650  |  | 894 | 73135                                | 75028 | 98205 | 785//   | 53331                           | 87825  |  |  | 894 | 97061 | 004                           | pr.                     |           | pr.            |  |  |
| Elmdon                               | 534 | 83021 | 57607 | 83303 | 873//   | 01234                           | 86708  | 88710  |  | 534 | 83120                                | 61606 | 91703 | 854//   | 01246                           | 87711  | 88650  |  | 534 | 01041 | 000                           | rsr.s.r.ir.             |           | ir.r.r.        |  |  |
| Cardington                           | 559 | 82915 | 60606 | 80503 | 854//   | 02220                           | 86710  | 88615  |  | 559 | 83210                                | 60606 | 88704 | 853//   | 04247                           | 82709  | 87712  | 88619  | 559 | 05052 | 000                           | r.r.r                   |           | Rr.            |  |  |
| Wittering                            | 462 | 83414 | 59696 | 80403 | 873//   | 02230                           | 86706  | 88708  |  | 462 | 83416                                | 59217 | 89405 | 854//   | 04248                           | 82710  | 86615  | 88640  | 462 | 04051 | 000                           | r.r.s.rsrr              |           | rr.            |  |  |
| Watnall                              | 354 | 83310 | 57616 | 82403 | 872//   | 03243                           | 82703  | 85707  | 88710  | 354 | 83313                                | 56216 | 91204 | 873//   | 03245                           | 88706  |  |  | 354 | 05051 | 000                           | r.r.r.r.                |           | r.r.r          |  |  |
| Shawbury                             | 414 | 83327 | 56697 | 86403 | 873//   | 02238                           | 85708  | 88712  |  | 414 | 83219                                | 68037 | 94403 | 853//   | 01245                           | 83708  | 88612  |  | 414 | 06031 | 000                           | rss.s.r.r.r.            |           | r.             |  |  |
| Pinningley                           | 360 | 83512 | 50626 | 82005 | 853//   | 04248                           | 83708  | 85710  | 88640  | 360 | 83414                                | 62606 | 90705 | 853//   | 04249                           | 83709  | 88620  |  | 360 | 04061 | 000                           | rrr.ir.                 |           | ir.r.r.pr.     |  |  |
| Spurn Point                          | 396 | 80508 | 57026 | 80405 | 854//   | 04246                           | 85715  | 88630  |  | 396 | 83612                                | 66032 | 88905 | 5857//  | 04250                           | 83820  | 85630  | 88360  | 396 |       |                               | ir.r.r.                 |           | pr.s           |  |  |
| Leeming                              | 257 | 70114 | 65216 | 84205 | 753//   | 05247                           | 81707  | 86709  | 87618  | 257 | 73416                                | 60216 | 92504 | 754//   | 04245                           | 85710  | 87623  |  | 257 | 09062 | 000                           | r.r.r                   |           | rr.            |  |  |
| Tyne mouth                           | 262 | 80225 | 69028 | 85106 | 7557//  | 03245                           | 87625  |  |  | 262 | 73530                                | 61028 | 93205 | 755//   | 03248                           | 87624  |  |  | 262 | 95061 | 000                           | pr.                     |           | pr.            |  |  |
| Carlisle                             | 222 | 73619 | 81028 | 88703 | 38372   | 00142                           | 81708  | 83362  | 85365  | 222 | 70118                                | 81216 | 96203 | 5547//  | 01239                           | 81712  | 84645  | 86360  | 222 | 91041 | 000                           | pr.s.ps.                |           | ir.            |  |  |
| Valley                               | 302 | 83441 | 65158 | 92405 | 885//   | 51241                           | 86820  | 88628  |  | 302 | 83532                                | 60808 | 98804 | 884//   | 01235                           | 86811  | 88625  |  | 302 | 03051 | 000                           | pr.pr.s.ph.r.           |           | pr.ph.r.       |  |  |
| Ringway                              | 334 | 83417 | 68617 | 85204 | 854//   | 01246                           | 83712  | 88614  |  | 334 | 73313                                | 68217 | 93604 | 764//   | 02246                           | 87713  |  |  | 334 | 95041 | 000                           | r.r.r.s.                |           | r.             |  |  |
| Squires Gate                         | 318 | 73523 | 82021 | 87303 | 7542//  | 01247                           | 81710  | 84620  | 85645  | 318 | 73512                                | 75012 | 95604 | 755//   | 01249                           | 87624  |  |  | 318 | 00041 | 001                           | +                       |           | +              |  |  |
| Ronldsway                            | 204 | 73435 | 62038 | 92104 | 6252  | 51243                           | 82820  | 86830  | 85070  | 204 | 83525                                | 33698 | 99502 | 872//   | 01245                           | 84703  | 88706  |  | 204 | 09051 | 001                           | pr.s-rs                 |           | rsrs RS        |  |  |
| Mull of Galloway                     | 131 | 73645 | 65026 | 92703 | 6853//  | 51229                           | 84820  | 84625  | 85360  | 131 | 80135                                | 80032 | 00402 | 7852//  | 00244                           | 82820  | 86625  | 88460  | 131 | 91031 |                               |                         |           |                |  |  |
| Esdalemuir                           | 162 | 53528 | 62268 | 89801 | 3847//  | 51248                           | 83817  | 84360  |  | 162 | 60130                                | 60858 | 97401 | 5847//  | 51239                           | 83818  | 84640  | 85359  | 162 | 02017 | 001                           | ps.ps                   |           | ps.ps          |  |  |
| Preswick                             | 135 | 73625 | 82027 | 93803 | 7847//  | 54137                           | 81711  | 84622  | 86645  | 135 | 83618                                | 62237 | 01003 | 7542//  | 53243                           | 83711  | 84618  | 86625  | 135 | 97041 | 000                           | +                       |           | s.s.r.s.       |  |  |
| Abbotsinch                           | 140 | 70122 | 82028 | 92804 | 5847//  | 53318                           | 81712  | 83620  | 85640  | 140 | 73308                                | 75027 | 01403 | 6547//  | 52250                           | 81714  | 83630  | 86645  | 140 | 97041 | 000                           | ir.s.                   |           | ir.s.          |  |  |
| Lewmars                              | 171 | 73622 | 82832 | 90104 | 5852  | 51239                           | 82820  | 84640  | 86075  | 171 | 73615                                | 86028 | 98803 | 784//   | 51250                           | 84818  | 87650  |  | 171 | 91041 | 000                           | pr.s.                   |           | +              |  |  |
| Dyce                                 | 091 | 83518 | 65808 | 90804 | 873//   | 03337                           | 88707  |  |  | 091 | 83518                                | 58618 | 99002 | 7532//  | 01241                           | 81708  | 83612  | 85620  | 091 | 05045 | 000                           | pr.pr.r.s.              |           | r.s.r.s.ph.s.  |  |  |
| Lerwick                              | 005 | 80230 | 65268 | 96601 | 6841//  | 52224                           | 84812  | 88457  |  | 005 | 73630                                | 65268 | 02400 | 793//   | 53233                           | 82909  | 83812  | 85625  | 005 | 05027 | 000                           | ksps.r.ph.r.            |           | ksph.s.ps      |  |  |
| Wick                                 | 075 | 80127 | 57687 | 97502 | 853//   | 01237                           | 83706  | 86710  | 88618  | 075 | 70227                                | 70278 | 03502 | 5943//  | 51236                           | 83913  | 84635  | 87360  |     |       |                               |                         |           |                |  |  |

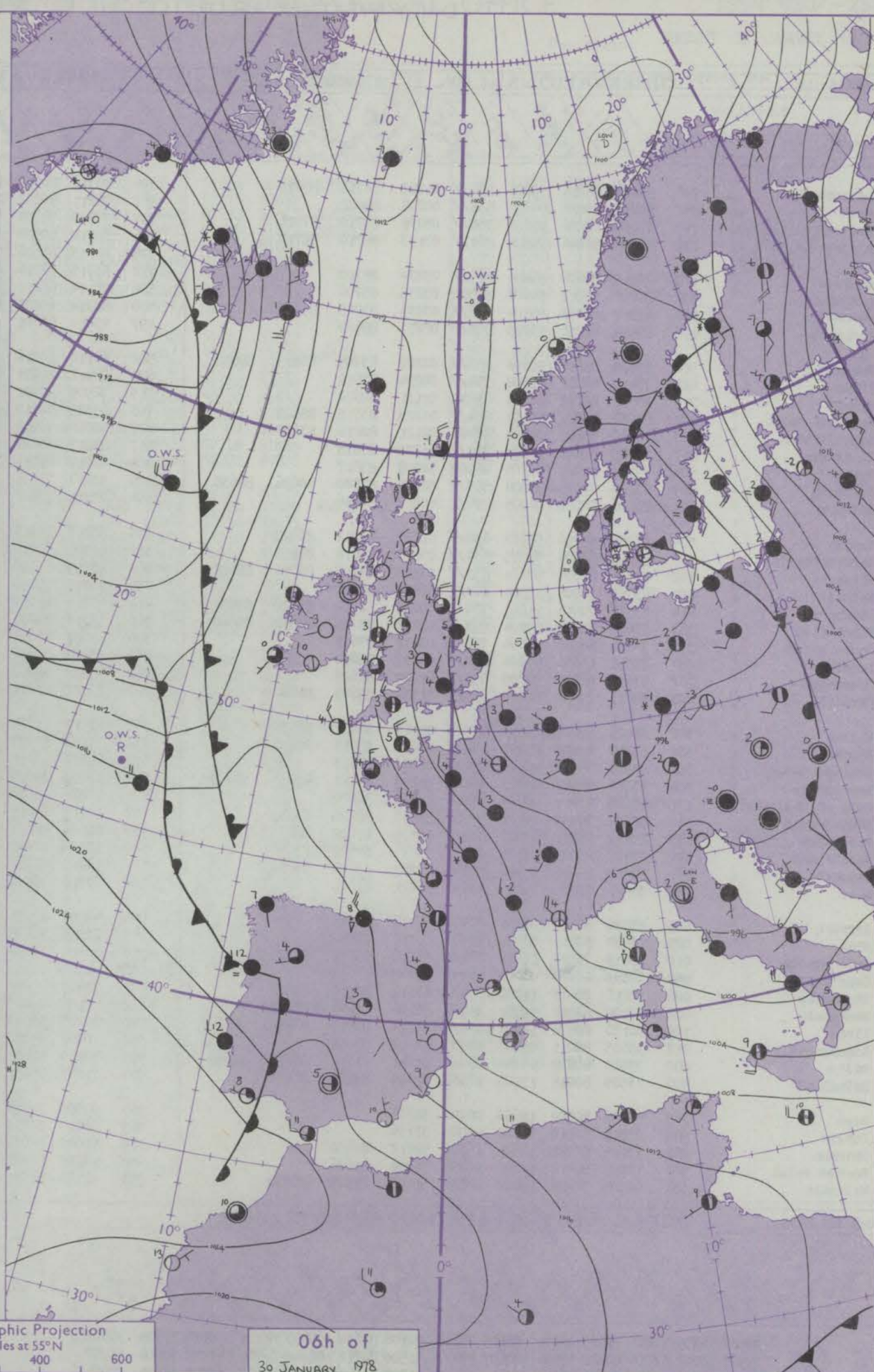
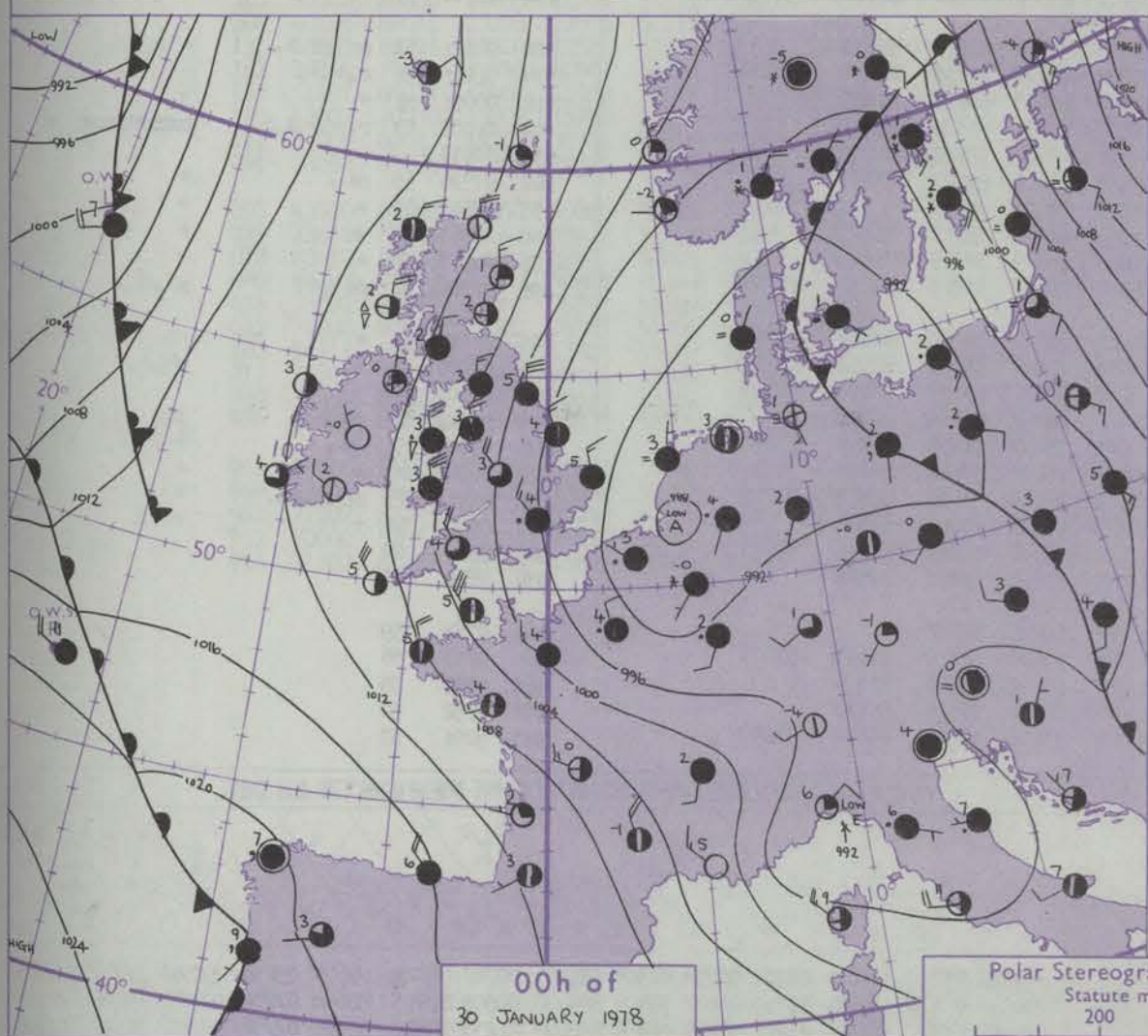
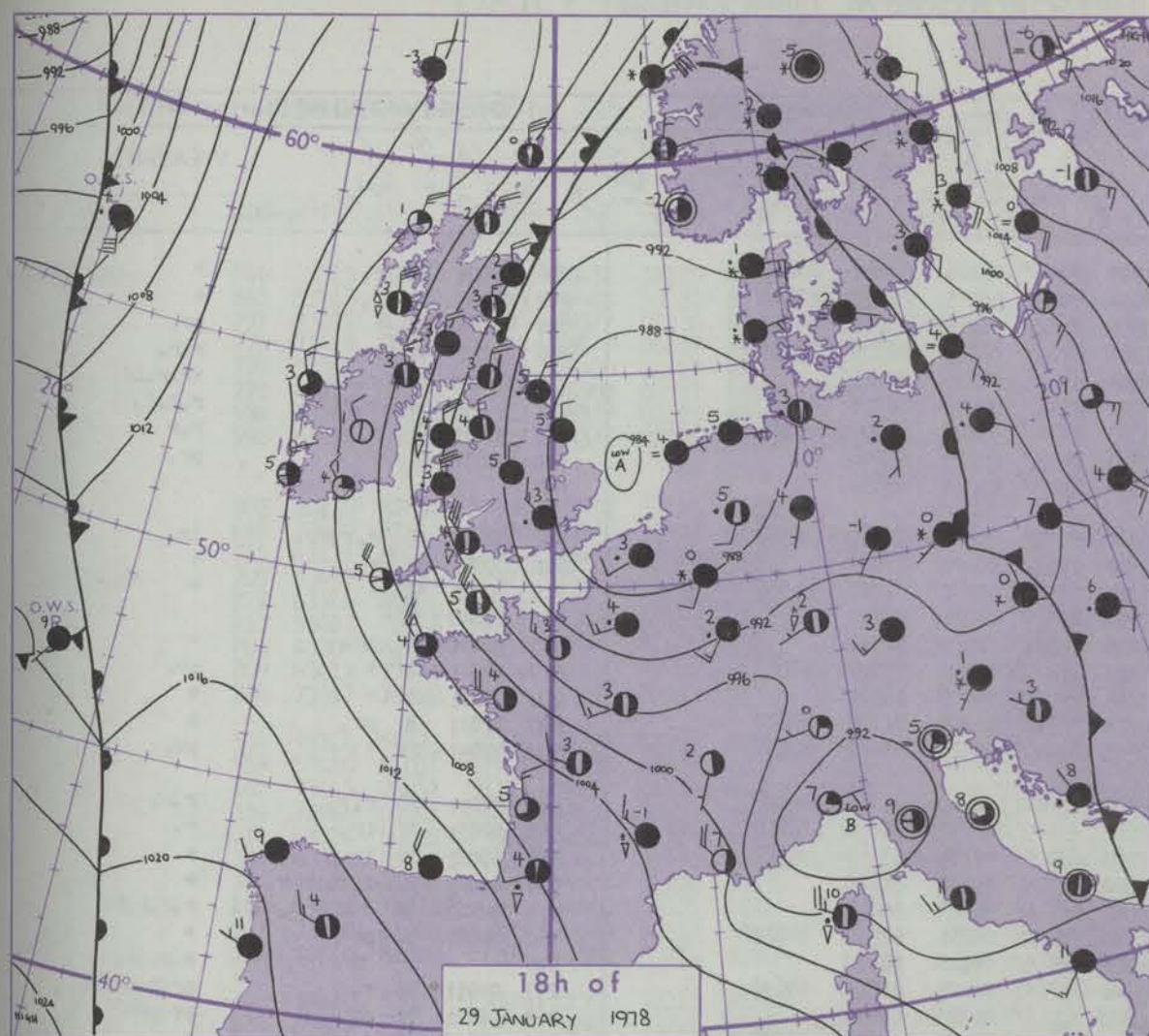


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT

The low pressure centre transferred eastwards from near the Wash to the southern Baltic during the past 24 hours. A weak ridge moved into the extreme west later in the period but a strong northerly flow persisted over the remainder of the country, though with gales dying out slowly.

During the next 24 hours the ridge will move eastwards slightly but low pressure over the southern Baltic will persist and northerly flow will continue in the extreme east.

Issued at midday MONDAY 30 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V OBSERVATIONS at 00h. 30 JANUARY 1978 |     |       |        |       |  |                    |  |  |  | OBSERVATIONS at 06h. 30 JANUARY 1978 |       |        |       |  |                    |  |  |  |     | OBSERVATIONS during NIGHT |     |              |            |
|---|-----|-------|--------|-------|--|--------------------|--|--|--|--------------------------------------|-------|--------|-------|--|--------------------|--|--|--|-----|---------------------------|-----|--------------|------------|
| Station   | ill | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill                                  | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub> | T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> | ill | RT n T E                  | Tg  | WEATHER      |            |
|   |     |       |        |       |  |                    |  |  |  |                                      |       |        |       |  |                    |  |  |  |     |                           |     | 21h.—03h.    | 03h.—09h.  |
| Boscombe Down                                     | 746 | 83216 | 78216  | 99203 | 854//  | 01235              | 86712  | 88615  |  | 746                                  | 73316 | 80012  | 04703 | 754//  | 01226              | 83612  | 87618  |  | 746 | 97021                     | 50  | r.           | +          |
| Hurn  | 862 | 83214 | 80036  | 00205 | 855//  | 00238              | 88622  |  |  | 862                                  | 73211 | 80032  | 05604 | 754//  | 00225              | 81712  | 87623  |  | 862 | 97031                     | 02  | r.           | +          |
| Marston   | 797 | 73418 | 65036  | 93305 | 754//  | 03238              | 82710  | 87616  |  | 797                                  | 73420 | 78038  | 99804 | 763//  | 03228              | 83708  | 87710  |  | 797 | 92031                     | 02  | +            | pr.        |
| Caerwick  | 776 | 83312 | 58046  | 95804 | 864//  | 03137              | 86710  | 88712  |  | 776                                  | 83214 | 60606  | 01904 | 873//  | 02228              | 83709  | 88711  |  | 776 | 91041                     | 02  | r.           | r.r.       |
| Kew   |     |       |        |       |  |                    |  |  |  | 775                                  | 83213 | 65606  | 02504 | 874//  | 02230              | 88713  |  |  | 775 | 94041                     | 02  | r.r.r.       | ir.r.id.   |
| Heathrow  | 772 | 83213 | 56606  | 96804 | 874//  | 03234              | 88710  |  |  | 772                                  | 83315 | 62216  | 03004 | 874//  | 03230              | 88712  |  |  | 772 | 94041                     | 02  | r.r.         | r.r.ad.    |
| Honington   | 586 | 53212 | 60012  | 94603 | 65300  | 03235              | 85706  |  |  | 586                                  | 73114 | 65011  | 00503 | 3633//   | 03228              | 83707  | 87358  |  | 586 | 96031                     | 01  | +            | r.r.       |
| Wattisham   | 590 | 63317 | 60022  | 94104 | 652//  | 03233              | 83705  | 85614  |  | 590                                  | 83214 | 60032  | 00303 | 863//  | 02229              | 88706  |  |  | 590 | 92032                     | 01  | +            | pr.        |
| Gorleston   | 497 | 83414 | 62216  | 93205 | 855//  | 02233              | 88625  |  |  | 497                                  | 83210 | 66601  | 98904 | 856//  | 03225              | 88630  |  |  | 497 |                           |     |              |            |
| Aberporth   | 502 | 83530 | 58606  | 05603 | 853//  | 02229              | 83708  | 86615  | 88632  | 502                                  | 60116 | 80016  | 10304 | 2573//   | 51225              | 82650  | 86359  |  | 502 | 02021                     | 00  | r.r.r.       | ir.        |
| Filton  | 628 | 73410 | 80022  | 01704 | 754//  | 00234              | 87618  |  |  | 628                                  | 73412 | 80031  | 07003 | 755//  | 00227              | 87622  |  |  | 628 | 00031                     | 01  | +            | +          |
| Rhoose  | 715 | 43312 | 80018  | 02203 | 25530  | 51131              | 82620  |  |  | 715                                  | 72909 | 80031  | 07303 | 6553//   | 50222              | 81620  | 86650  |  | 715 | 00011                     | 52  | +            | +          |
| Hartland Point                                    | 703 | 83550 | 74022  | 05104 | 854//  | 03225              | 83715  | 88629  |  | 703                                  | 63525 | 74012  | 09704 | 663//  | 03226              | 86709  |  |  | 703 | 00040                     | 02  |              |            |
| Mount Batten                                      | 827 | 43320 | 65808  | 04704 | 48400  | 02121              | 82816  | 83630  |  | 827                                  | 53318 | 70018  | 09204 | 48431  | 01219              | 82816  |  |  | 827 | 93031                     | 01  | pr.          | +          |
| St. Mawgan  | 817 | 73421 | 80028  | 06904 | 724//  | 51222              | 87818  |  |  | 817                                  | 73317 | 80022  | 11004 | 784//  | 01318              | 83817  | 87625  |  | 817 | 97041                     | 01  | +            | pr.        |
| Scilly  | 804 | 43232 | 81021  | 09805 | 48400  | 52218              | 83817  |  |  | 804                                  | 43217 | 81011  | 13304 | 48500  | 54215              | 83820  |  |  | 804 | 00041                     | 01  | +            | +          |
| Culdrose  | 809 | 83420 | 70028  | 07904 | 885//  | 52223              | 82820  | 84626  | 88630  | 809                                  | 53417 | 72031  | 11603 | 58300  | 52219              | 81708  | 83630  |  | 809 | 97021                     | 01  | pr.          | +          |
| Guernsey  | 894 | 73130 | 72028  | 02005 | 784//  | 00219              | 86816  |  |  | 894                                  | 73321 | 75022  | 07305 | 784//  | 00225              | 85818  | 86632  |  | 894 | 97041                     | 03  | +            | pr.        |
| Elmdon  | 534 | 63219 | 68016  | 99303 | 654//  | 01236              | 83712  | 86622  |  | 534                                  | 53215 | 70017  | 05303 | 55400  | 50229              | 81712  | 85622  |  | 534 | 97011                     | 50  | r.s.         | r.s.       |
| Cardington  | 559 | 83313 | 62606  | 96805 | 854//  | 03233              | 83614  | 88616  |  | 559                                  | 83409 | 68216  | 02904 | 854//  | 02232              | 84613  | 88618  |  | 559 | 92031                     | 02  | ir.          | r.         |
| Wittering   | 462 | 83313 | 82036  | 97204 | 853//  | 03233              | 84708  | 86710  | 88618  | 462                                  | 83319 | 75036  | 03203 | 854//  | 01234              | 83713  | 88617  |  | 462 | 95021                     | 00  | ir.          | +          |
| Watral  | 354 | 83313 | 59506  | 98804 | 864//  | 02232              | 88710  |  |  | 354                                  | 13213 | 65016  | 05002 | 15500  | 51232              | 81620  |  |  | 354 | 01021                     | 51  | d.r.r.r.     | +          |
| Shawbury  | 414 | 73321 | 70016  | 01803 | 754//  | 00235              | 81712  | 85620  | 87650  | 414                                  | 63314 | 68017  | 07402 | 654//  | 51227              | 86618  |  |  | 414 | 95021                     | 50  | r.r.r.s.r.s. | r.s.r.s.   |
| Finningley  | 360 | 83417 | 75258  | 97904 | 883//  | 03232              | 82708  | 86812  | 88640  | 360                                  | 53217 | 80031  | 04203 | 58400  | 00231              | 82814  | 84625  |  | 360 | 94021                     | 50  | pr.          | +          |
| Spurn Point                                       | 396 | 73316 | 68038  | 96004 | 756//  | 03232              | 87633  |  |  | 396                                  | 83422 | 66606  | 01305 | 856//  | 03226              | 88630  |  |  | 396 |                           | ir. | r.r.r.       |            |
| Leeming   | 257 | 83518 | 60606  | 00004 | 854//  | 02237              | 88612  |  |  | 257                                  | 53416 | 58836  | 05902 | 58400  | 01225              | 82814  | 84632  |  | 257 | 94011                     | 52  | r.           | pr.s.pr.s. |
| Tynemouth   | 262 | 83638 | 66258  | 99205 | 855//  | 01229              | 88625  |  |  | 262                                  | 63428 | 69267  | 05803 | 655//  | 01225              | 86620  |  |  | 262 | 95021                     | 01  | pr.          | pr.spr.s.  |
| Carlisle  | 222 | 83613 | 70032  | 04203 | 855//  | 51338              | 85623  | 88634  |  | 222                                  | 33507 | 81011  | 08401 | 35500  | 52120              | 81626  | 83638  |  | 222 | 00003                     | 55  | +            | +          |
| Valley  | 302 | 83428 | 65808  | 05303 | 884//  | 01129              | 86811  | 88630  |  | 302                                  | 73510 | 81028  | 10303 | 755//  | 52223              | 87628  |  |  | 302 | 92021                     | 52  | pr.spr.s.    | +          |
| Ringway   | 334 | 83214 | 65602  | 01203 | 854//  | 01231              | 82615  | 88618  |  | 334                                  | 73110 | 80027  | 07202 | 784//  | 51230              | 81815  | 87620  |  | 334 | 91011                     | 51  | r.r.s.       | +          |
| Squires Gate                                      | 318 | 73418 | 75022  | 02603 | 756//  | 01231              | 87633  |  |  | 318                                  | 23514 | 82011  | 08103 | 15630  | 50126              | 81635  |  |  | 318 | 00011                     | 51  | +            | +          |
| Ronaldsway  | 204 | 83518 | 68617  | 05903 | 3542//   | 51227              | 81712  | 83634  | 88460  | 204                                  | 23609 | 84026  | 10502 | 18501  | 53320              | 81825  |  |  | 204 | 01003                     | 53  | r.s.r.s.r.   | +          |
| Mull of Galloway                                  | 131 | 43625 | 80011  | 06803 | 45500  | 51233              | 84620  |  |  | 131                                  | 10220 | 86010  | 11001 | 15600  | 52222              | 81630  |  |  | 131 | 00533                     |     |              |            |
| Eskdalemuir                                       | 162 | 50222 | 70038  | 04101 | 58500  | 51233              | 82825  | 84635  |  | 162                                  | 50117 | 75011  | 09951 | 55600  | 53127              | 85635  |  |  | 162 | 97536                     | 55  | ps.          | +          |
| Preswick  | 135 | 80112 | 70031  | 07302 | 855//  | 54129              | 82622  | 88635  |  | 135                                  | 00105 | 80011  | 11352 | 00900  | 55319              |  |  |  | 135 | 00543                     | 60  | +            | +          |
| Abbotsinch  | 140 | 73507 | 80022  | 07502 | 6557//   | 54127              | 82620  | 85636  |  | 140                                  | 10000 | 82021  | 11054 | 00901  | 58117              | 81075  |  |  | 140 | 00563                     | 61  | +            | +          |
| Leuchars  | 171 | 53610 | 84031  | 05302 | 58500  | 53233              | 83820  | 83650  |  | 171                                  | 13210 | 82011  | 09601 | 15600  | 54219              | 81645  |  |  | 171 | 00513                     | 55  | +            | +          |
| Dyce  | 091 | 33416 | 70268  | 04801 | 28530  | 51221              | 81820  |  |  | 091                                  | 73212 | 80038  | 09000 | 784//  | 55219              | 82818  | 87650  |  | 091 | 01506                     | 52  | ps.spr.s.    | ps.spr.s.  |
| Lerwick   | 005 | 23520 | 80038  | 07051 | 22400  | 54118              | 82812  |  |  | 005                                  | 63519 | 80031  | 09551 | 684//  | 54210              | 82812  | 86634  |  | 005 | 97547                     | 54  | +            | ps.        |
| Wick  | 075 | 13620 | 80011  | 08201 | 18400  | 53219              | 81818  |  |  | 075                                  | 73615 | 75878  | 11001 | 784//  | 55213              | 83818  | 87632  |  | 075 | 97003                     | 52  | +            | ph.s.      |
| Sule Skerry                                       | 010 | 83619 | 73028  | 10402 | 884//  | 54216              | 83818  | 88625  |  | 010                                  | 83514 | 75892  | 12402 | 885//  | 00209              | 82820  | 88625  |  | 010 | 91003                     | 00  |              |            |
| Cape Wrath  | 049 | 50525 | 66878  | 05902 | 594//  | 56217              | 85915  |  |  | 049                                  | 80515 | 66858  | 11901 | 834//  | 01202              | 88915  |  |  | 049 | 93003                     | 51  | ps.ps.       | ps.        |
| Stornoway   | 026 | 70213 | 70038  | 11202 | 794//  | 53112              | 82914  | 85818  |  | 026                                  | 73405 | 80028  | 12801 | 784//  | 54203              | 81818  | 87642  |  | 026 | 97005                     | 51  | ps.          | +          |
| Berbecula   | 022 | 30109 | 82018  | 11851 | 28402  | 55106              | 81818  | 83075  |  | 022                                  | 10108 | 84020  | 13154 | 15600  | 57104              | 81635  |  |  | 022 | 00545                     | 60  | +            | +          |
| Tiree   | 100 | 50120 | 60878  | 10302 | 534//  | 50114              | 83915  | 84820  |  | 100                                  | 30209 | 85038  | 12101 | 38400  | 53105              | 81818  | 83627  |  | 100 | 97515                     | 55  | ph.spr.s.    | +          |
| Aldergrove  | 917 | 33605 | 80011  | 08800 | 35400  | 52214              | 83618  |  |  | 917                                  | 20000 | 84030  | 12153 | 15501  | 54210              | 81620  |  |  | 917 | 00553                     | 59  | +            | +          |
| Malin   | 980 | 73623 | 80878  | 10404 | 734//  | 51211              | 81714  | 87818  | 82918  | 980                                  | 50310 | 82028  | 12004 | 584/2  | 54003              | 82818  | 84648  |  | 980 | 9103                      | 00  |              |            |
| Belmullet   | 976 | 43505 | 80018  | 13103 | 43500  | 51304              | 83820  | 81920  |  | 976                                  | 71305 | 81031  | 13201 | 756//  | 52310              | 87642  |  |  | 976 | 9700                      | 53  |              |            |
| Birr  | 965 | 03206 | 80020  | 11650 | 00900  | 53208              |  |  |  | 965                                  | 02501 | 70010  | 13853 | 00900  | 54002              |  |  |  | 965 | 9754                      | 59  |              |            |
| Dublin  | 969 | 03013 | 80010  | 08700 | 00900  | 53116              |  |  |  | 969                                  | 33010 | 82030  | 12751 | 15602  | 53219              | 81645  | 83070  |  | 969 | 9753                      | 56  |              |            |
| Shannon   | 962 | 13305 | 82021  | 13601 | 15700  | 52212              | 81650  |  |  | 962                                  | 10000 | 82020  | 14452 | 15700  | 53003              | 81650  |  |  | 962 | 9753                      | 59  |              |            |
| Roches Point                                      | 952 | 12918 | 80010  | 12702 | 15600  | 51214              | 81636  |  |  | 952                                  | 12808 | 80020  | 14200 | 00902  | 53106              | 81072  |  |  | 952 | 9752                      | 54  |              |            |
| Valentia  | 953 | 60505 | 75038  | 14304 | 1253//   | 51109              | 81825  | 86360  |  | 953                                  | 62103 | 81031  | 14100 | 35606  | 52808              | 83640  | 86270  |  | 953 | 9251                      | 53  |              |            |

| Code FM 21.V |  |   |  |        |       |        |       |   |                     |  |  |  |   | OCEAN WEATHER STATION REPORTS at 00h. |  |  |  |  |  |  |  |  |  |  |  |  |  | OCEAN WEATHER STATION REPORTS at 06h. |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------|--|---|--|--------|-------|--------|-------|---|---------------------|--|--|--|---|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| O.W.S.       |  | 99 L <sub>2</sub> L <sub>2</sub> L <sub>2</sub> | Q <sub>2</sub> L <sub>2</sub> L <sub>2</sub> L <sub>2</sub> L <sub>2</sub> | YYGGIw | Nddff | VVwwWW | PPPTT | N <sub>h</sub> C <sub>h</sub> C <sub>M</sub> C <sub>H</sub> | D <sub>s</sub> sapp | 8N <sub>2</sub> Ch <sub>2</sub> h <sub>2</sub> | 8N <sub>2</sub> Ch <sub>2</sub> h <sub>2</sub> | OT <sub>2</sub> T <sub>2</sub> T <sub>d</sub> T <sub>d</sub> | IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T 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<sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> |                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

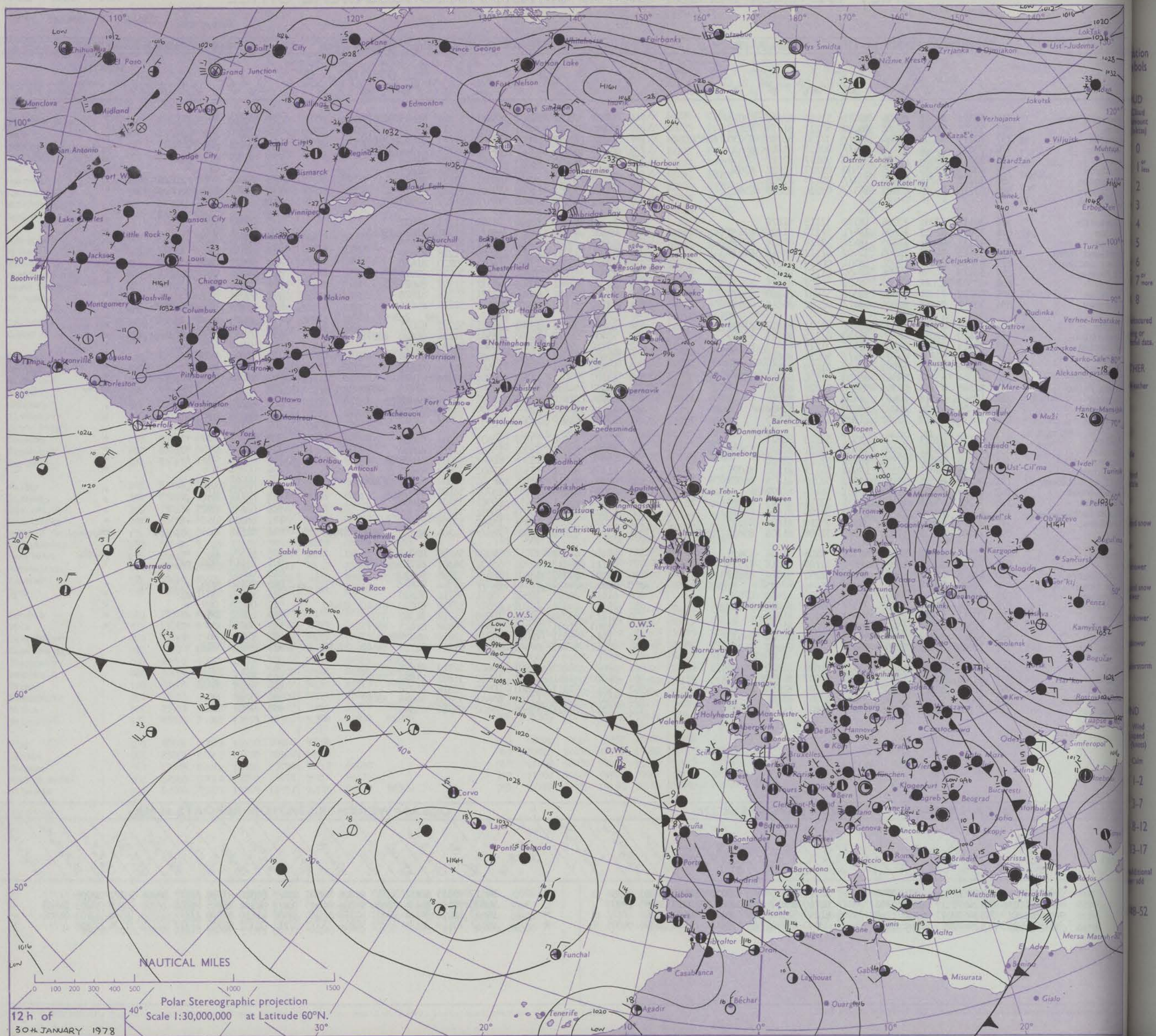
No. 42439

Date of Issue TUESDAY 31 JANUARY 1978

| OBSERVATIONS at 12h. 30 January 1978 |     |       |        |       |   |                                   |  |  |  | OBSERVATIONS at 18h. 30 January 1978 |       |        |       |   |                                   |  |  |  |       | OBSERVATIONS during DAY   |   |   |   |  |
|--------------------------------------|-----|-------|--------|-------|---|-----------------------------------|--|--|--|--------------------------------------|-------|--------|-------|---|-----------------------------------|--|--|--|-------|---|---|---|---|--|
| Station                              | ill | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> s | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> s | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> s | ill                                  | Nddff | VVwwwW | PPPTT | N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H | T <sub>d</sub> T <sub>d</sub> app | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> s | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> s | 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> s | ill   | RRT x F   | SSS   | WEATHER   |   |  |
|                                      |     |       |        |       |   |                                   |  |  |  |                                      |       |        |       |   |                                   |  |  |  |       |   |   | 09h.—15h.   | 15h.—21h.   |  |
| Boscombe Down                        | 746 | 53315 | 82031  | 09904 | 38431   | 51120                             | 82818  | 83078  |  | 746                                  | 73307 | 80022  | 14302 | 656/1   | 51324                             | 86635  | 83075  |  | 746   | 00053   | 042   | jp  | +   |  |
| Hurn                                 | 862 | 53215 | 81031  | 10505 | 58400   | 50222                             | 81718  | 85630  | 86650  | 862                                  | 33105 | 70011  | 14601 | 35601   | 52225                             | 83632  |  | 862  | 00063 | 047   | +   | +   |   |  |
| Manston                              | 797 | 73217 | 63251  | 05604 | 783//   | 02230                             | 83708  | 83635  |  | 797                                  | 53315 | 70018  | 10803 | 58402   | 01233                             | 81812  | 84650  |  | 797   | 97051   | 011   | pr <sub>c</sub>   | pr <sub>c</sub>   |  |
| Gatwick                              | 776 | 73415 | 70026  | 07704 | 784//   | 00127                             | 84819  | 85630  |  | 776                                  | 32703 | 57268  | 12601 | 24401   | 01229                             | 81812  | 83075  |  | 776   | 96051   | 009   | +   | pr <sub>c</sub> pr <sub>c</sub> pr <sub>c</sub> ps <sub>c</sub> |  |
| Kew                                  | 775 | 53311 | 75036  | 08105 | 58400   | 00127                             | 82817  | 85650  |  | 775                                  | 23206 | 60018  | 12703 | 15601   | 01228                             | 81640  |  | 775  | 01053 | 011   | pr <sub>c</sub>   | pr <sub>c</sub> pr <sub>c</sub> pr <sub>c</sub> ps <sub>c</sub> |   |  |
| Heathrow                             | 772 | 43215 | 72026  | 08605 | 48500   | 01227                             | 82822  | 83650  |  | 772                                  | 33107 | 59018  | 13303 | 18401   | 01228                             | 81815  |  | 772  | 01051 | 012   | +   | pr <sub>c</sub> pr <sub>c</sub> ps <sub>c</sub>                 |   |  |
| Honington                            | 586 | 73217 | 65216  | 05903 | 783//   | 02125                             | 87808  |  |  | 586                                  | 43112 | 80028  | 11101 | 00901   | 53228                             | 84078  |  | 586  | 01043 | 008   | r <sub>c</sub> ir <sub>c</sub> pr <sub>c</sub> ph <sub>c</sub> r <sub>c</sub> | +   |   |  |
| Wattisham                            | 590 | 63218 | 62018  | 05703 | 683//   | 02226                             | 85808  | 83645  | 590  | 13214                                | 70028 | 11002  | 12401 | 53232   | 81815                             |  | 590  | 01043  | 005   | pr <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> r <sub>c</sub> | +   |   |   |  |
| Corlestone                           | 497 | 73412 | 66258  | 09803 | 795//   | 01227                             | 87925  |  | 497  | 73412                                | 66258 | 09803  | 795// | 01227   | 87925                             |  | 497  |  | 021   |   |   |   |   |  |
| Aberporth                            | 502 | 20110 | 87031  | 13204 | 18532   | 52113                             | 81820  |  | 502  | 11703                                | 87020 | 15202  | 18501 | 51213   | 81822                             |  | 502  | 00043  | 078   | +   | +   | +   |   |  |
| Filton                               | 628 | 73609 | 82012  | 11604 | 785/1   | 51123                             | 81820  | 87635  | 86635  | 628                                  | 60102 | 84032  | 14803 | 686//   | 51221                             | 81830  |  | 628  | 00051 | 039   | +   | +   | +   |  |
| Rhoose                               | 715 | 43111 | 80021  | 11805 | 38431   | 52118                             | 81818  | 83075  |  | 715                                  | 23304 | 84010  | 14602 | 25501   | 52219                             | 82628  |  | 715  | 00053 | 068   | +   | +   | +   |  |
| Hartland Point                       | 703 | 63415 | 74021  | 12905 | 32402   | 01112                             | 83818  | 84075  |  | 703                                  | 33604 | 87021  | 15204 | 38600   | 51218                             | 83830  |  | 703  | 00050 | 069   | +   | +   | +   |  |
| Mount Batten                         | 827 | 63514 | 84031  | 12906 | 18501   | 00219                             | 81822  |  |  | 827                                  | 23406 | 56041  | 15504 | 14601   | 50220                             | 81630  |  | 827  | 00071 | 069   | +   | +   | +   |  |
| St. Mawgan                           | 817 | 53413 | 70158  | 13706 | 48502   | 01113                             | 84821  |  |  | 817                                  | 33006 | 82011  | 15904 | 21432   | 50220                             | 82818  |  | 817  | 00061 | 060   | jp  | +   | +   |  |
| Scilly                               | 804 | 43307 | 82021  | 15007 | 32502   | 51207                             | 83821  | 83075  |  | 804                                  | 50000 | 82031  | 16004 | 45572   | 51307                             | 84625  |  | 804  | 00071 | 041   | +   | +   | +   |  |
| Guldrose                             | 809 | 63412 | 75031  | 13506 | 51601   | 51007                             | 85830  | 83070  | 809  | 33305                                | 65101 | 16103  | 18571 | 52216   | 81828                             |  | 809  | 00072  | 059   | +   | +   | +   |   |  |
| Guernsey                             | 894 | 73317 | 70808  | 12005 | 784//   | 02222                             | 86818  | 86650  | 894  | 43310                                | 84018 | 15204  | 42500 | 52322   | 84825                             |  | 894  | 97061  | 029   | pr <sub>c</sub> pr <sub>c</sub> pr <sub>c</sub>                             | +   | +   |   |  |
| Elmdon                               | 534 | 73214 | 64032  | 10303 | 784//   | 51221                             | 82817  | 87622  | 85623  | 534                                  | 33007 | 58041  | 13901 | 00901   | 52222                             | 83075  |  | 534  | 00043 | 022   | +   | +   | +   |  |
| Cardington                           | 559 | 53410 | 62031  | 08505 | 38530   | 01225                             | 82825  | 83359  |  | 559                                  | 53408 | 68018  | 12703 | 28501   | 51224                             | 81820  | 85078  | 559  | 01053 | 014   | pr <sub>c</sub> ph <sub>c</sub> pr <sub>c</sub> s <sub>c</sub>                | +   | +   |  |
| Wittering                            | 462 | 73415 | 70031  | 08703 | 784//   | 01125                             | 85812  | 86622  |  | 462                                  | 23210 | 75018  | 12901 | 00901   | 53224                             | 82075  |  | 462  | 97043 | 035   | pr <sub>c</sub>   | +   | +   |  |
| Watnall                              | 354 | 73414 | 60801  | 09703 | 784//   | 50223                             | 86814  |  |  | 354                                  | 52804 | 58048  | 13601 | 00902   | 53118                             | 85080  |  | 354  | 91043 | 028   | pr <sub>c</sub>   | +   | +   |  |
| Shawbury                             | 414 | 63314 | 80032  | 11603 | 58501   | 51219                             | 82822  | 85630  |  | 414                                  | 12806 | 56041  | 14453 | 11401   | 54216                             | 81818  |  | 414  | 00043 | 043   | +   | +   | +   |  |
| Finningley                           | 360 | 63314 | 65268  | 09502 | 68400   | 01126                             | 81710  | 83813  |  | 360                                  | 13107 | 70011  | 12502 | 00901   | 55216                             | 81075  |  | 360  | 97043 | 033   | pr <sub>c</sub> pr <sub>c</sub> s <sub>c</sub>                                | +   | +   |  |
| Spurn Point                          | 396 | 73526 | 65256  | 06705 | 756//   | 51226                             | 87630  |  | 396  | 63322                                | 64838 | 11102  | 53501 | 01224   | 85925                             | 86075  | 396  |  | 056   | pr <sub>c</sub> ir <sub>c</sub>   | pr <sub>c</sub> s <sub>c</sub>  |   |   |  |
| Leeming                              | 257 | 13417 | 75018  | 10403 | 18400   | 52121                             | 81816  |  | 257  | 22808                                | 82010 | 12700  | 15501 | 54114   | 81625                             |  | 257  | 95043  | 056   | ps <sub>c</sub> ps  | +   | +   |   |  |
| Tynemouth                            | 262 | 33420 | 61028  | 10003 | 33600   | 52218                             | 83930  |  | 262  | 42911                                | 66021 | 12601  | 40930 | 53216   | 84358                             |  | 262  | 00043  | 034   | +   | +   | +   |   |  |
| Carlisle                             | 222 | 10110 | 82020  | 12202 | 11501   | 55216                             | 81825  |  | 222  | 23302                                | 82010 | 13351  | 00901 | 53007   | 82075                             |  | 222  | 00033  | 077   | +   | +   | +   |   |  |
| Valley                               | 302 | 30110 | 82021  | 13005 | 22501   | 52213                             | 82825  |  | 302  | 11005                                | 82020 | 13702  | 15601 | 51006   | 81630                             |  | 302  | 00061  | 070   | +   | +   | +   |   |  |
| Ringway                              | 334 | 63608 | 75012  | 11403 | 58502   | 53221                             | 82820  | 83628  | 334  | 13002                                | 58011 | 14002  | 15602 | 52213   | 81640                             |  | 334  | 00043  | 045   | +   | +   | +   |   |  |
| Squires Gate                         | 318 | 33508 | 80030  | 12103 | 28501   | 51221                             | 82820  |  | 318  | 12904                                | 70020 | 13501  | 00901 | 52008   | 81078                             |  | 318  | 00043  | 073   | +   | +   | +   |   |  |
| Ronaldsway                           | 204 | 40108 | 86011  | 13203 | 12601   | 54112                             | 81830  | 84075  | 204  | 61305                                | 83031 | 13301  | 55602 | 53000   | 85635                             |  | 204  | 00051  | 076   | +   | +   | +   |   |  |
| Mull of Galloway                     | 131 | 40303 | 86021  | 13204 | 12501   | 52210                             | 81828  | 84075  | 131  | 42006                                | 84011 | 13102  | 28501 | 52000   | 81820                             | 83075  | 131  | 00041  |       | +   | +   | +   |   |  |
| Eskdalemuir                          | 162 | 10306 | 75021  | 12751 | 00901   | 56114                             | 81072  |  | 162  | 20000                                | 75030 | 13955  | 15702 | 58102   | 81650                             |  | 162  | 00505  | 078   | +   | +   | +   |   |  |
| Prestwick                            | 135 | 51202 | 65031  | 13401 | 11531   | 52111                             | 81825  | 85080  | 135  | 11004                                | 45041 | 13453  | 00901 | 55702   | 81080                             |  | 135  | 00033  | 075   | +   | +   | +   |   |  |
| Abbotsinch                           | 140 | 43602 | 70030  | 13201 | 15702   | 56109                             | 81650  | 83078  | 140  | 12602                                | 57040 | 13153  | 10931 | 58301   | 81365                             |  | 140  | 00033  | 074   | +   | +   | +   |   |  |
| Leuchars                             | 171 | 33009 | 86011  | 12202 | 38502   | 55210                             | 81825  | 83635  | 171  | 13005                                | 84020 | 12951  | 15602 | 53205   | 81640                             |  | 171  | 00023  | 054   | +   | +   | +   |   |  |
| Dyce                                 | 091 | 73008 | 65278  | 11300 | 783/1   | 51008                             | 81708  | 83815  | 091  | 73107                                | 82028 | 12000  | 785// | 54206   | 81820                             | 83630  | 87640  | 091  | 91016 | 004   | ph <sub>c</sub> s <sub>c</sub> ps   | ps <sub>c</sub>   |   |  |
| Lerwick                              | 005 | 43520 | 65148  | 10651 | 49300   | 55205                             | 81908  | 83625  | 005  | 23516                                | 65278 | 10351  | 29300 | 54105   | 82908                             |  | 005  | 01507  | 027   | +   | ps <sub>c</sub> ph <sub>c</sub>   |   |   |  |
| Wick                                 | 075 | 73612 | 80028  | 12601 | 784//   | 52107                             | 82818  | 87635  | 075  | 60111                                | 80012 | 12701  | 5543/ | 56301   | 81718                             | 85630  | 075  | 91013  | 000   | ps <sub>c</sub>   | +   | +   |   |  |
| Sule Skerry                          | 010 | 83610 | 84028  | 13902 | 885//   | 52205                             | 83820  | 88625  | 010  | 83603                                | 84032 | 13001  | 856// | 53805   | 88630                             |  | 010  | 00023  |       |   |   |   |   |  |
| Cape Wrath                           | 049 | 83606 | 86028  | 13201 | 854//   | 00206                             | 88615  |  |  |                                      |       |        |       |   |                                   |  |  |  |       |   |   |   |   |  |

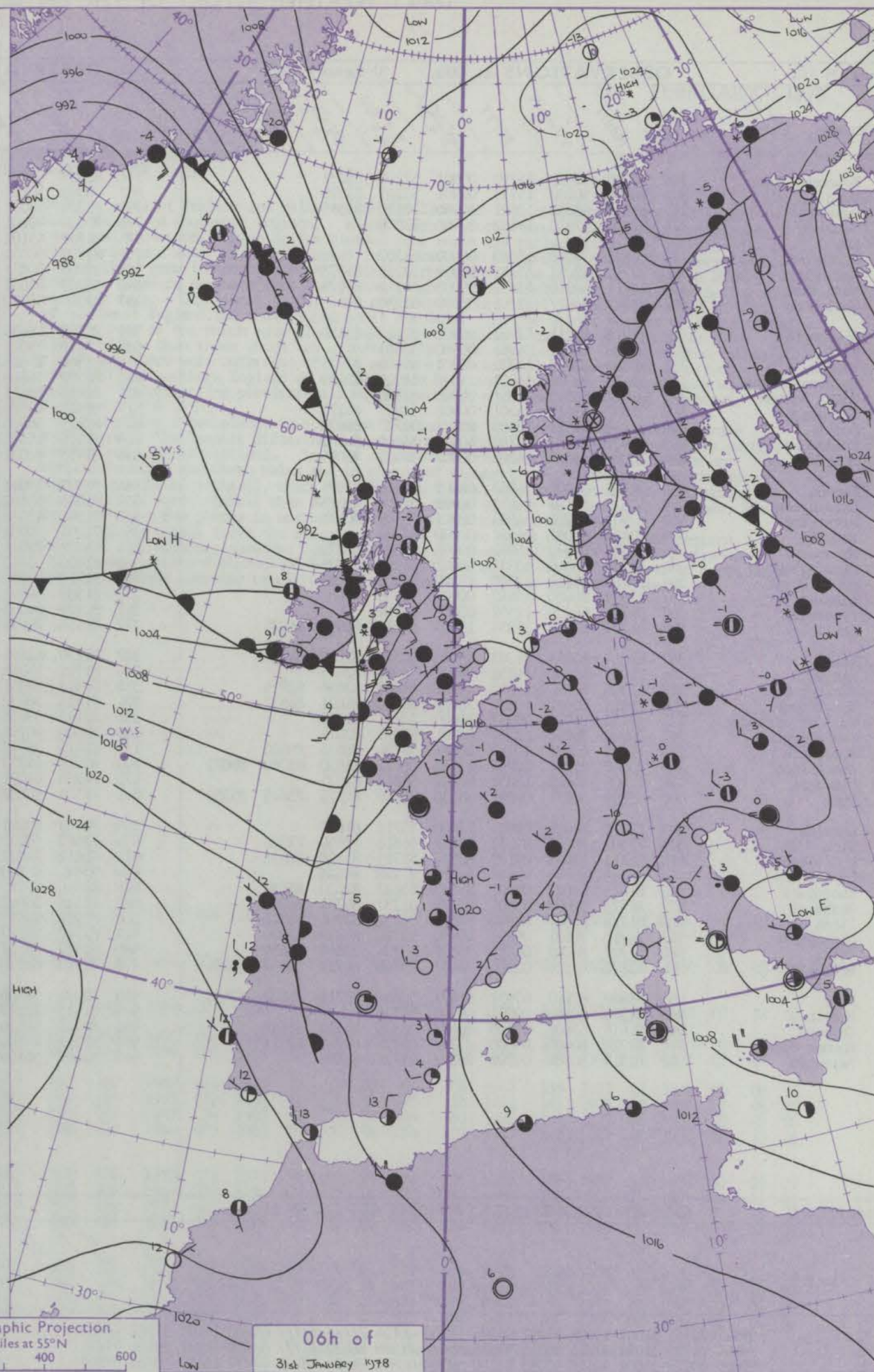
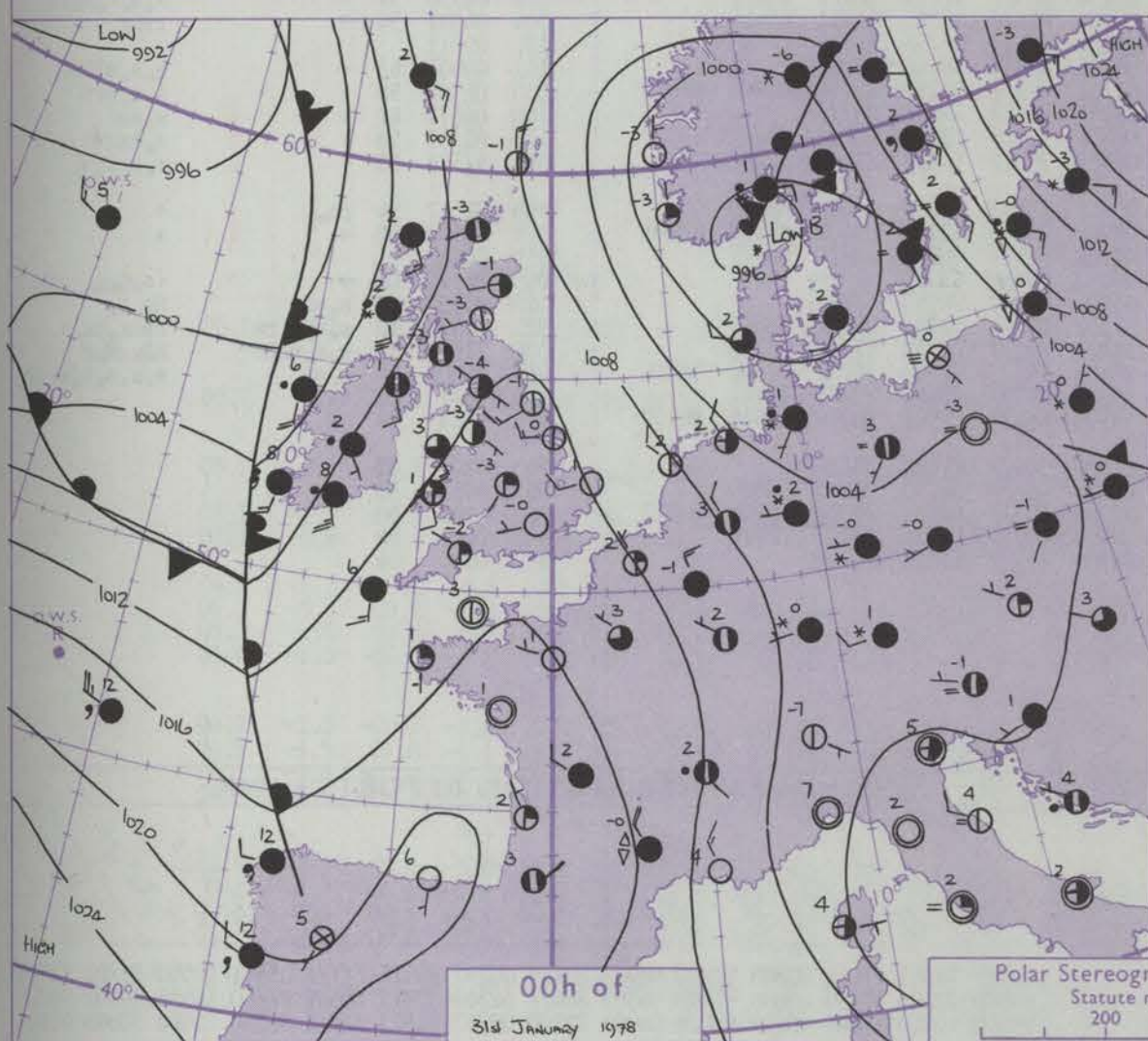
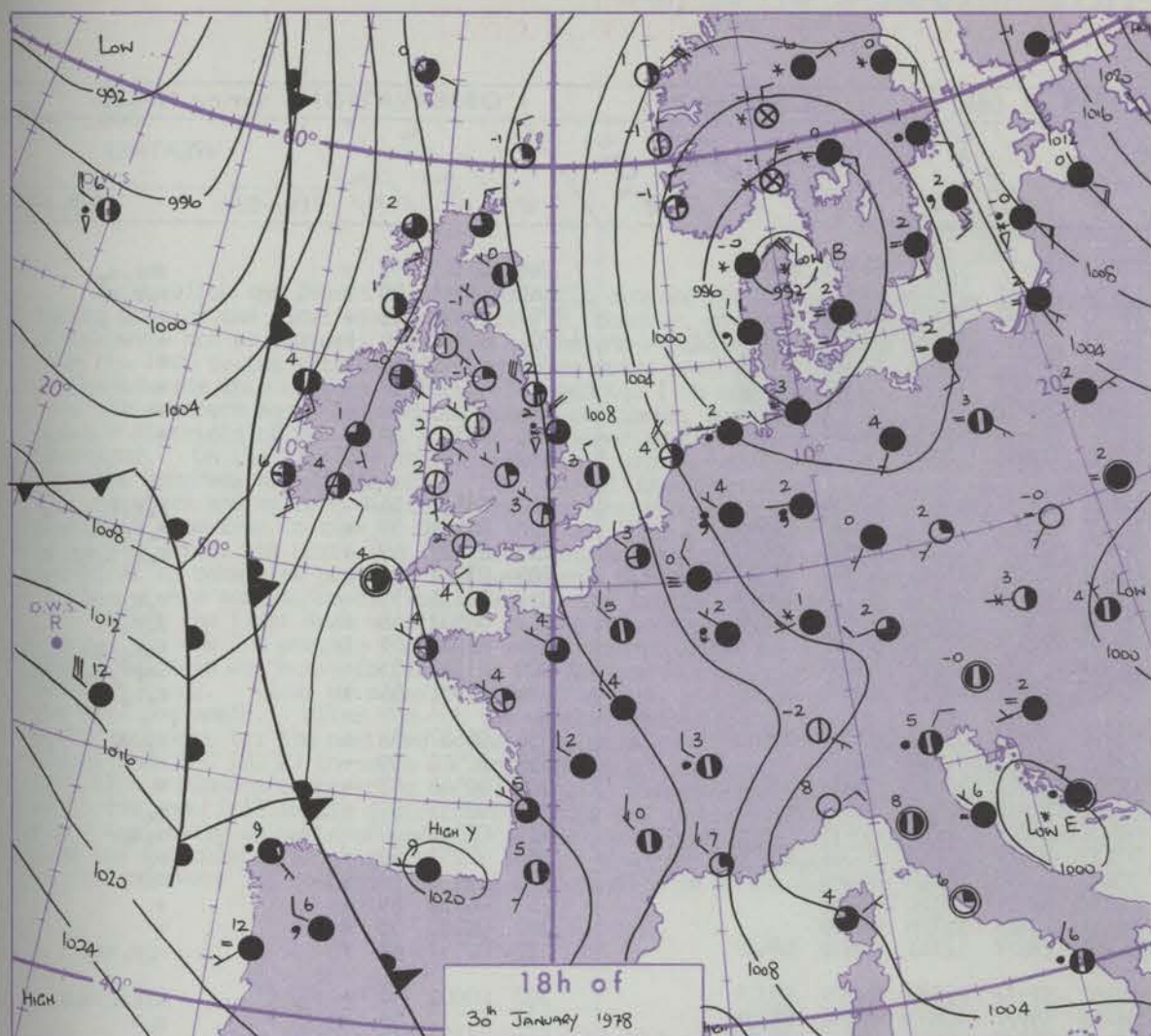


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
Statute miles at 55°N  
200 400 600  
Scale is 1:20,000,000 at 60°N.

## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a stationary depression over southern Scandinavia continued to fill slowly. A weak ridge of high pressure over Ireland moved to eastern England as a depression, developing on an eastward moving occlusion just west of the British Isles, moved towards the Hebrides.

During the next 24 hours the depression near the Hebrides is expected to move slowly eastwards across Scotland, whilst a deepening frontal wave in mid-Atlantic moves to just west of Ireland.

Issued at midday TUESDAY 31 JANUARY 1978



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE (contd.)

| Code FM II.V     |     | OBSERVATIONS at 00h. |       |       |                                   |                    |  |  |  | 31 January 1978 |       | OBSERVATIONS at 06h. |       |                                   |                    |  |  |  |       | 31 January 1978     |                               | OBSERVATIONS during NIGHT |           |   |  |  |  |
|------------------|-----|----------------------|-------|-------|-----------------------------------|--------------------|--|--|--|-----------------|-------|----------------------|-------|-----------------------------------|--------------------|--|--|--|-------|---------------------|-------------------------------|---------------------------|-----------|---|--|--|--|
| Station          | ill | Nddff                | VVwww | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill             | Nddff | VVwww                | PPPTT | N <sub>h</sub> Ch <sub>h</sub> CH | T <sub>d</sub> app | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | 8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub> | ill   | RRRT <sub>n</sub> E | T <sub>g</sub> T <sub>g</sub> | WEATHER                   |           |   |  |  |  |
|                  |     |                      |       |       |                                   |                    |  |  |  |                 |       |                      |       |                                   |                    |  |  |  |       |                     |                               | 21h.—03h.                 | 03h.—09h. |   |  |  |  |
| Boscombe Down    | 746 | 50000                | 70031 | 15250 | 00901                             | 52204              | 85072  |  |  | 746             | 81607 | 65022                | 12650 | 8097//                            | 51716              | 86358  | 88462  |  | 746   | 01543               | 57                            | +                         |           | shr <sub>c</sub> s <sub>c</sub>   |  |  |  |
| Hurn             | 862 | 30000                | 50100 | 15753 | 00901                             | 53205              | 83075  |  |  | 862             | 80000 | 50101                | 13252 | 1572//                            | 53715              | 81650  | 88460  |  | 862   | 01541               | 59                            | +                         |           | r <sub>c</sub> r <sub>c</sub> r   |  |  |  |
| Manston          | 797 | 13208                | 68031 | 13601 | 10940                             | 52110              | 81359  |  |  | 797             | 62308 | 58031                | 14453 | 20956                             | 54503              | 82363  | 86272  |  | 797   | 00543               | 56                            | +                         |           | +   |  |  |  |
| Gatwick          | 776 | 02201                | 57040 | 14552 | 00900                             | 53208              |  |  |  | 776             | 70000 | 40101                | 14253 | 20936                             | 53707              | 82362  | 87272  |  | 776   | 00553               | 60                            | +                         |           | +   |  |  |  |
| Kew              |     |                      |       |       |                                   |                    |  |  |  | 775             | 81702 | 45101                | 13353 | 8097//                            | 53707              | 82362  | 88465  |  | 775   | 00543               | 60                            | +                         |           | +   |  |  |  |
| Heathrow         | 772 | 02605                | 57020 | 15050 | 00900                             | 51307              |  |  |  | 772             | 81807 | 50051                | 14051 | 8097//                            | 52708              | 83364  | 88468  |  | 772   | 00533               | 57                            | +                         |           | +   |  |  |  |
| Honington        | 586 | 32710                | 62011 | 13351 | 00901                             | 53210              | 83078  |  |  | 586             | 82005 | 50031                | 12852 | 20937                             | 54505              | 82365  | 88272  |  | 586   | 00533               | 58                            | +                         |           | +   |  |  |  |
| Wattisham        | 590 | 12911                | 60010 | 13451 | 00902                             | 54212              | 81075  |  |  | 590             | 62207 | 62031                | 13553 | 00906                             | 55502              | 86270  |  | 590  | 00543 | 59                  | +                             |                           | +         |   |  |  |  |
| Corlestone       | 497 | 02609                | 66027 | 12301 | 00900                             | 51210              |  |  |  | 497             | 02307 | 66020                | 13451 | 00900                             | 52205              |  |  |  | 497   |                     |                               |                           |           |   |  |  |  |
| Aberporth        | 502 | 31715                | 82011 | 12901 | 00902                             | 52814              | 83070  |  |  | 502             | 81727 | 56686                | 07101 | 873//                             | 01730              | 88706  |  | 502  | 03511 | 55                  | +                             |                           |           | r <sub>c</sub> r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> id <sub>c</sub> |  |  |  |
| Filton           | 628 | 01906                | 60021 | 14951 | 00900                             | 53801              |  |  |  | 628             | 81610 | 75021                | 11201 | 2562//                            | 53825              | 82640  | 88460  |  | 628   | 03521               | 59                            | +                         |           |   | r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> rsrs              |  |  |
| Rhoose           | 715 | 40000                | 83030 | 14752 | 00901                             | 54104              | 84075  |  |  | 715             | 81508 | 75601                | 09903 | 855//                             | 00828              | 82626  | 88650  |  | 715   | 09522               | 59                            | +                         |           |   | r <sub>c</sub> r <sub>c</sub> s <sub>c</sub> rsrsr             |  |  |
| Hartland Point   | 703 | 22411                | 88020 | 14002 | 25500                             | 51806              | 82629  |  |  | 703             | 82222 | 74616                | 08103 | 6532//                            | 03636              | 83709  | 86627  | 88460  | 703   | 03012               | 50                            |                           |           |   |  |  |  |
| Mount Batten     | 827 | 01007                | 56040 | 14851 | 00900                             | 52806              |  |  |  | 827             | 81816 | 58611                | 10406 | 854//                             | 04732              | 82714  | 88617  |  | 827   | 09511               | 55                            | +                         |           |   | r <sub>c</sub> r <sub>c</sub> rrR                              |  |  |
| St. Mawgan       | 817 | 51807                | 82031 | 14301 | 00906                             | 51807              | 85275  |  |  | 817             | 81917 | 40586                | 08906 | 872//                             | 05733              | 85703  | 88704  |  | 817   | 05502               | 56                            | +                         |           |   | d <sub>c</sub> r <sub>c</sub> rr                               |  |  |
| Scilly           | 804 | 81813                | 81021 | 13506 | 855//                             | 04713              | 88623  |  |  | 804             | 82115 | 56606                | 08409 | 873//                             | 09726              | 88706  |  | 804  | 02041 | 01                  | ir <sub>c</sub>               |                           |           | r <sub>c</sub> r <sub>c</sub> ir <sub>c</sub>                               |  |  |  |
| Culdrose         | 809 | 41907                | 70030 | 14203 | 40910                             | 51809              | 84462  |  |  | 809             | 82118 | 45595                | 08707 | 872//                             | 07835              | 88704  |  | 809  | 03512 | 55                  | +                             |                           |           | id <sub>c</sub> d <sub>c</sub> r <sub>c</sub> drdr                          |  |  |  |
| Guernsey         | 894 | 10000                | 80021 | 16203 | 00902                             | 52303              | 81075  |  |  | 894             | 81915 | 80031                | 13705 | 6577//                            | 50721              | 86650  | 87360  |  | 894   | 01031               | 54                            | +                         |           |   | r <sub>c</sub> r <sub>c</sub>                                  |  |  |
| Elmdon           | 534 | 32102                | 61040 | 14553 | 00902                             | 54204              | 83075  |  |  | 534             | 81707 | 59041                | 10851 | 8097//                            | 53817              | 85360  | 88465  |  | 534   | 96547               | 58                            | +                         |           |   | s <sub>c</sub> ss <sub>c</sub>                                 |  |  |
| Cardington       | 559 | 52604                | 57101 | 14852 | 00902                             | 52309              | 85075  |  |  | 559             | 81906 | 60101                | 12451 | 8092//                            | 51714              | 88463  |  | 559  | 00543 | 59                  | +                             |                           |           | +   |  |  |  |
| Wittering        | 462 | 22907                | 61020 | 14553 | 00901                             | 55309              | 82075  |  |  | 462             | 71808 | 43051                | 11552 | 50912                             | 53817              | 85460  | 87072  |  | 462   | 00543               | 57                            | +                         |           |   | +  |  |  |
| Watnall          | 354 | 02404                | 60041 | 14552 | 00900                             | 54304              |  |  |  | 354             | 71907 | 50051                | 10351 | 20948                             | 52820              | 82360  | 87270  |  | 354   | 97535               | 59                            | +                         |           |   | s <sub>c</sub>   |  |  |
| Shawbury         | 414 | 42204                | 66030 | 14052 | 00902                             | 53801              | 84075  |  |  | 414             | 81708 | 75031                | 08900 | 2562//                            | 52733              | 82645  | 88459  |  | 414   | 01547               | 60                            | +                         |           |   | s <sub>c</sub> s <sub>c</sub>                                  |  |  |
| Finningley       | 360 | 12705                | 56040 | 13352 | 00901                             | 55207              | 81075  |  |  | 360             | 81606 | 50041                | 09252 | 20977                             | 53823              | 82362  | 88270  |  | 360   | 97553               | 59                            | +                         |           |   | s <sub>c</sub>   |  |  |
| Spurn Point      | 396 | 12716                | 66018 | 12300 | 15500                             | 52206              | 81625  |  |  | 396             | 21810 | 70010                | 10600 | 20930                             | 54710              | 82360  |  | 396  |       |                     |                               |                           |           | +   |  |  |  |
| Leeming          | 257 | 22809                | 80020 | 12852 | 00901                             | 54103              | 82080  |  |  | 257             | 81509 | 58041                | 08352 | 8092//                            | 53830              | 88462  |  | 257  | 00553 | 59                  | +                             |                           |           | +   |  |  |  |
| Tynemouth        | 262 | 02708                | 66020 | 12552 | 00900                             | 55104              |  |  |  | 262             | 82109 | 66031                | 08152 | 8092//                            | 55726              | 88460  |  | 262  | 00533 | 55                  | +                             |                           |           | +   |  |  |  |
| Carlisle         | 222 | 41205                | 62030 | 11354 | 15604                             | 55816              | 81640  | 84075  |  | 222             | 81514 | 70021                | 04850 | 2562//                            | 52741              | 82630  | 88462  |  | 222   | 02557               | 62                            | +                         |           |   | s <sub>c</sub> s <sub>c</sub> ssf                              |  |  |
| Valley           | 302 | 61617                | 80011 | 11203 | 25676                             | 00819              | 82630  | 86275  |  | 302             | 81730 | 62696                | 05103 | 873//                             | 02738              | 84707  | 88708  |  | 302   | 03002               | 54                            | +                         |           |   | irrrrsd <sub>c</sub>   |  |  |
| Ringway          | 334 | 21805                | 40040 | 14252 | 00901                             | 53003              | 82075  |  |  | 334             | 81711 | 65031                | 08700 | 3577//                            | 52833              | 83650  | 88459  |  | 334   | 94537               | 56                            | +                         |           |   | s <sub>c</sub> s   |  |  |
| Squires Gate     | 318 | 41306                | 65020 | 12553 | 25701                             | 54808              | 82656  | 83075  |  | 318             | 81514 | 57051                | 07150 | 855//                             | 52734              | 82620  | 88638  |  | 318   | 02536               | 57                            | +                         |           |   | s <sub>c</sub> s <sub>c</sub> r <sub>c</sub> s <sub>c</sub> rs |  |  |
| Ronaldsway       | 204 | 71813                | 82022 | 10804 | 785//                             | 50820              | 84821  | 86632  |  | 204             | 81925 | 58632                | 03204 | 854//                             | 03745              | 84711  | 88614  |  | 204   | 04031               | 54                            | +                         |           |   | rrdr   |  |  |
| Mull of Galloway | 131 | 12120                | 86021 | 09903 | 15600                             | 53721              | 81630  |  |  | 131             | 82143 | 59636                | 00304 | 8042//                            | 03758              | 88510  |  | 131  | 02011 |                     |                               |                           |           |   |  |  |  |
| Eskdalemuir      | 162 | 20000                | 70010 | 12360 | 00901                             | 61815              | 82075  |  |  | 162             | 80000 | 40701                | 05255 | 873//                             | 56850              | 88708  |  | 162  | 09607 | 63                  | +                             |                           |           | s <sub>c</sub> s <sub>c</sub> sfSSF   |  |  |  |
| Prestwick        | 135 | 71406                | 65031 | 10153 | 2561//                            | 54724              | 82635  | 86465  |  | 135             | 81613 | 35717                | 01101 | 853//                             | 00758              | 82706  | 84708  | 88616  | 135   | 06555               | 58                            | +                         |           |   | s <sub>c</sub> s <sub>c</sub> srs                              |  |  |
| Abbotsinch       | 140 | 70705                | 32041 | 10254 | 25634                             | 56725              | 82630  | 83360  | 86072  | 140             | 90911 | 14737                | 01251 | 9////                             | 52759              | 89////   |  | 140  | 06577 | 62                  | +                             |                           |           | s <sub>c</sub> ss   |  |  |  |
| Leuchars         | 171 | 12506                | 64020 | 10853 | 00902                             | 56811              | 81075  |  |  | 171             | 71205 | 64021                | 03850 | 3551//                            | 53850              | 83625  | 87462  |  | 171   | 02557               | 58                            | +                         |           |   | s <sub>c</sub> kssf  |  |  |
| Dyce             | 091 | 52609                | 80031 | 09751 | 38530                             | 55610              | 81825  | 83645  | 85358  | 091             | 71506 | 80032                | 03952 | 3557//                            | 54838              | 81625  | 87359  |  | 091   | 97536               | 55                            | +                         |           |   | r <sub>c</sub> s <sub>c</sub> s <sub>c</sub> s                 |  |  |
| Lerwick          | 005 | 13613                | 80028 | 07951 | 11400                             | 55712              | 81810  |  |  | 005             | 80403 | 80021                | 04051 | 15607                             | 55626              | 81635  | 88270  |  | 005   | 92547               | 54                            | ph <sub>c</sub>           |           | +   |  |  |  |
| Wick             | 075 | 72502                | 80031 | 09353 | 2563//                            | 56816              | 82630  | 87360  |  | 075             | 71413 | 80022                | 02702 | 2567//                            | 53739              | 82630  | 85358  | 87464  | 075   | 005                 |                               |                           |           |   |  |  |  |