

# THE DAILY WEATHER REPORT

(INTRODUCTION)

81



1st October to 31st December, 1977

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE  
Bracknell, Berkshire



## I. 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 11 V—Land Stations		CODE FM 21 V—Ships	
N dd ff	VV ww W	99 L <sub>a</sub> L <sub>s</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). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	99 = Indicator group. L <sub>a</sub> L <sub>s</sub> L <sub>a</sub> = Latitude in tenths of a degree.	Q <sub>c</sub> = Quadrant of the globe (Table 17). L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> = Longitude in tenths of a degree.
PPP TT	N <sub>h</sub> C <sub>L</sub> h C <sub>M</sub> C <sub>H</sub>	YY GG i <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. TT = Temperature in whole degrees Celsius.  <small>Note.—In reports from ocean weather stations (FM 21 V) only the tens and units figure of air temperature are reported. The tenths figure is reported by <math>t_T</math>.</small>	N <sub>h</sub> = Fraction of celestial dome covered by C <sub>L</sub> (or C <sub>M</sub> if no C <sub>L</sub> ). C <sub>L</sub> = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C <sub>M</sub> = Form of Medium Cloud (Table 7). C <sub>H</sub> = Form of high cloud (Table 8).	YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i <sub>w</sub> = Wind indicator (Table 18).	D <sub>s</sub> = Direction of movement of ship (Table 14). v <sub>s</sub> = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).
T <sub>d</sub> T <sub>d</sub> a pp	8 N <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. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N <sub>s</sub> = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h <sub>s</sub> h <sub>s</sub> = Height of base of cloud (Table 12).	O = Indicator figure. T <sub>s</sub> T <sub>s</sub> = Difference between air temperature and sea temperature in $\frac{1}{2}$ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T <sub>d</sub> T <sub>d</sub> = Dew point temperature in whole degrees Celsius.	I = Indicator figure. 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. T <sub>w</sub> = The tenths figure of the air temperature.
RR T <sub>x</sub> T <sub>x</sub> E	RR T <sub>n</sub> T <sub>n</sub> E	3 P <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). T <sub>x</sub> T <sub>x</sub> = Maximum temperature in whole degrees Celsius (09h–21h). T <sub>n</sub> T <sub>n</sub> = Minimum temperature in whole degrees Celsius (21h–09h).	T <sub>x</sub> T <sub>x</sub> = Maximum temperature on grass in whole degrees Celsius (21h–09h). T <sub>n</sub> T <sub>n</sub> = Minimum temperature on grass in whole degrees Celsius (21h–09h). E = State of ground (Table 13) (Code 0900) (at 21h and 09h).	3 = Indicator figure. P <sub>w</sub> P <sub>w</sub> = Period of waves in seconds. H <sub>w</sub> H <sub>w</sub> = Height of the waves in units of 0.5 metre. <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. P <sub>w</sub> = Period of waves (Table 16). H <sub>w</sub> H <sub>w</sub> = Height of the waves in units of 0.5 metre. <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	Exact	Code	Direction	Exact	Code
(Compass equivalent Points)	in degrees	dd	(Compass equivalent Points)	in degrees	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"

## 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, Kilmsea, Guernsey, Scilly, Hartland Point.

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 $\frac{1}{8}$ or less of the sky throughout the appropriate period.	3 = Sandstorm, duststorm or blowing snow.
1 = Cloud covering more than $\frac{1}{8}$ 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 $\frac{1}{8}$ 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.



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

00-19 No precipitation at the station at the time of observation.	00	Cloud development not observed.	30-39 Duststorms, Sandstorms, drifting or blowing snow.	30	Slight or moderate duststorm or sandstorm.	has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour. has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour.	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	slight at time of observation.
	01	Clouds generally dissolving or becoming less developed.		31				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				74	Intermittent fall of snow flakes.	heavy at time of observation.
	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				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				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				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				79	Ice pellets type (a).	
	10	Mist.	40-49 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.	80-90 Showery precipitation	80	Rain shower(s), slight.	thunderstorm during the preceding hour, but not at time of observation.	
	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 Precipitation, fog or thunderstorm at station during the last hour but not at time of observation.	20	Drizzle (not freezing), or snow grains.	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	91-99 Precipitation with current or recent thunderstorm	91	Slight rain at time of observation.	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 Rain at time of observation.	60	Rain, not freezing, intermittent.	60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	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.				
	61	Rain, not freezing, continuous.		61	Rain, not freezing, continuous.					
	62	Rain, not freezing, intermittent.		62	Rain, not freezing, intermittent.					
	63	Rain, not freezing, continuous.		63	Rain, not freezing, continuous.					
	64	Rain, not freezing, intermittent.		64	Rain, not freezing, intermittent.					
	65	Rain, not freezing, continuous.		65	Rain, not freezing, continuous.					
	66	Rain, freezing, slight.		66	Rain, freezing, slight.					
	67	Rain, freezing, moderate or heavy.		67	Rain, freezing, moderate or heavy.					
	68	Rain or drizzle, and snow, slight.		68	Rain or drizzle, and snow, slight.					
	69	Rain or drizzle and snow, moderate or heavy.		69	Rain or drizzle and snow, moderate or heavy.					

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:— (a) Altostratus in two or more layers, usually opaque in places and not progressively invading the sky. (b) Opaque layer of altostratus not progressively invading the sky. (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.

Code 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	Cirrostratus 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 (h<sub>s</sub>h<sub>s</sub>) (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: × 30 = height in metres. Code figures 56–80: — 50 × 3 = height in hundreds of metres.	
1 = Increasing, then steady; or increasing, then increasing more slowly.		1 = Cirrocumulus (Cc).		CODE FIGURES 81–89	
2 = Increasing (steadily or unsteadily).		2 = Cirrostratus (Cs).		Code figures      Metres	
3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.		3 = Altcumulus (Ac).		81 = 10,500	
4 = Steady, atmospheric pressure the same as 3 hrs ago.		4 = Altostratus (As).		82 = 12,000	
5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.		5 = Nimbostratus (Ns).		83 = 13,500	
6 = Decreasing, then steady; or decreasing, then decreasing more slowly.		6 = Stratocumulus (Sc).		84 = 15,000	
7 = Decreasing (steadily or unsteadily).		7 = Stratus (St).		85 = 16,500	
8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.		8 = Cumulus (Cu).		86 = 18,000	
		9 = Cumulonimbus (Cb).		87 = 19,500	
		/ = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.		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 (D<sub>s</sub>) (Code 0700)</b>		<b>Table 15.—Code for Speed of Ship (v<sub>s</sub>) (Code 4451)</b>		<b>Table 16.—Code for Period of Waves (P<sub>w</sub>) (Code 3155)</b>	
0 = Stationary.		kt		sec	
1 = North-east.		0 = 0		0 = 10	
2 = East.		1 = 1–5		1 = 11	
3 = South-east.		2 = 6–10		2 = 12	
4 = South.		3 = 11–15		3 = 13	
5 = South-west.		4 = 16–20		4 = 14 or more	
6 = West.		5 = 21–25		5 = 5 or less	
7 = North-west.		6 = 26–30		6 = 6	
8 = North.		7 = 31–35		7 = 7	
9 = No definite direction or unknown.		8 = 36–40		8 = 8	
		9 = >40		9 = 9	



CHANGEABLE; OFTEN WINDY

During the first week low pressure persisted in the northeastern Atlantic while fronts and secondary depressions crossed the British Isles from time to time. Between the 7th and 9th, a depression deepened rapidly in mid-Atlantic and subsequently moved steadily northeastwards between Iceland and Scotland. Behind the associated warm front, air from the Sahara spread into England and Wales on the 9th and 10th. Behind the cold front, a secondary centre developed rapidly on the 11th giving rise to an exceptionally strong southwesterly airstream in many districts. The airflow then veered to the northwest but remained very vigorous for several days. Winds eventually moderated and, on the 18th, backed a little as an anticyclone in mid-Atlantic drifted southeastwards. On the 19th fronts crossed all districts as a depression passed to the north of Scotland. This depression became slow-moving over the North Sea on the 20th. On the same day a small secondary low developed in the southern Irish Sea, crossed southwestern England and the western Channel, and by midnight it was lying over the Channel Isles. On the following day the depression moved northeastwards along the northern coast of France and crossed the Low Countries and northwestern Germany. Further fronts crossed all districts on the 22nd and 23rd as another depression steered southeastwards past northern Scotland and into the North Sea. On the 24th a northerly airstream covered the British Isles. During the next two days an anticyclone became established over the British Isles and persisted until the end of the month.

Southwesterly winds predominated for most of the first two weeks and reached gale force in exposed places from time to time. However, early on the 2nd there were southeasterly gales in southeastern districts. Showers or outbreaks of rain were occasionally heavy and were sometimes accompanied by hail and thunder. Sleet or snow fell at times mostly over high ground in western and northern districts and in the Midlands. Clear or sunny periods occurred but were more prolonged in the south and east than elsewhere. The weather was often rather mild particularly between the 9th and 11th when maximum temperatures in excess of 17°C were recorded in places in southern and eastern England. Severe gales developed in many districts on the 11th, the winds reaching storm force along the coasts of England and Wales. A gust of 80kt occurred at Hartland Point (Devon). On the 12th the winds veered to the northwest but remained strong for several days and there were gales at times

in exposed places. At this time much of the precipitation was of a showery character and the showers were heavier and more frequent in the west and north than elsewhere. Some of the showers were of sleet or snow, particularly over high ground, and hail and thunder occurred at times. Clear or sunny periods intervened and there were some overnight fog patches. Severe gales over the Western Isles of Scotland on the 19th were followed on the 20th by outbreaks of rain, sleet or snow in many districts. Snow fell as far south as the Channel Isles. In Scotland, outbreaks of wintry precipitation were heavy and prolonged and there was considerable drifting of snow in the Highlands. The blustery, showery weather continued during the next few days and there were further gales. On the 24th a gust of 80kt was reported from Ballycastle (County Antrim). From the 25th onwards, however, the winds moderated and the showers, though still wintry, became lighter and more scattered. Nights were very cold at times and air frost was widespread. Between the 26th and 28th the temperature fell at night to  $-10^{\circ}\text{C}$  at Tunnel Bridge (Tayside) and at Crawfordjohn (Strathclyde). Fog or freezing fog also developed at times overnight, especially in southern Scotland, northwestern England and the Midlands. Fog persisted all day in the southwestern Midlands on the 27th and in Carlisle on the 29th. Freezing fog persisted in the Glasgow area throughout the period from the 27th to the 30th and at Abbotsinch Airport the temperature did not rise above  $-3^{\circ}\text{C}$  on the 28th. In parts of Northern Ireland and in north and west Scotland mean temperatures were 1 to  $1.5^{\circ}\text{C}$  below average. Elsewhere, temperatures were mostly nearer though still below average except in east and southeast England where they were a little above average.

The distribution of monthly rainfall totals was rather erratic, but broadly speaking they were above average in the north and west, (Fort William had 200 per cent of average) and near or below average (60-100 per cent) in other districts. Stornoway experienced its wettest November since records began in 1943.

Sunshine totals were above average in Northern Ireland, south and east Scotland, South Wales and almost the whole of England and the Channel Islands. Parts of eastern, southeastern and central southern England had 150 to 175 per cent of average and Southampton had its sunniest November since 1923. In other districts sunshine totals were between 80 and 100 per cent of average.

PLACE	TEMPERATURE										SUNSHINE								RAINFALL												Days with thunder	Days with snow or rain and snow	Days with fog or rain (Vis. $\leq$ 20metres at 09 h.)
	Mean maximum	Difference from average	Mean minimum	Difference from average	Highest maximum		Lowest minimum		No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration	Date	Total for month	% of average	Highest and lowest totals on record for month					Days of no rainfall (0.1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.)	Date	Total for month	% of average	Highest and lowest totals on record for month							
					First year of record	Highest	Year	Lowest								Year	First year of record	Highest	Year	Lowest						Year							
																											mm.	mm.	mm.	mm.			
°C	°C	°C	°C	°C	Date	°C	Date			hrs.	hrs.		hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
Kew Thorney Island	09.8	+0.1	05.1	+0.3	17.7	10	-00.6	27	12	02	04	06.8	(a)	097	167	1880	103	1971	022	1897	15	15	05	052	084	1866	172	1940	07	1945	01	01	00
Cardington	09.6	+0.1	03.8	+0.3	17.0	10	-03.9	30	11	09	02	07.5	(b)	094	168	1949	101	1973	028	1968	14	09	07	055	108	1947	110	1970	17	1956	00	02	00
Boscombe Down	08.9	-0.5	03.5	-0.4	15.5	10	-01.9	26	13	09	01	07.8	13	112*	175	1932	107	1971	035	1939	11	18	01	061	074	1931	208	1951	10	1945	00	02	00
Rhoose Mount Batten	09.4 10.4	-0.8 -0.7	04.7 06.3	0.0 -0.1	16.0 15.0	11 10	-03.7 -01.0	30 26	12 08	05 01	03 04	07.7 06.3	25 (c)	086 094	143 138	1954 1921	106 122	1971 1923	041 036	1958 1944	09 12	19 18	08 01	127 070	130 064	1954 1921	215 274	1970 1929	32 25	1956 1945	02 00	00 00	00
Elmdon Valley	08.8 09.7	-0.1 -0.8	03.1 05.9	-0.5 -0.2	16.0 14.4	09 10	-05.5 -02.8	30 29	13 05	07 03	01 08	06.4 07.3	04 26	100* 060	196 097	1945 1946	093 089	1971 1965	023 034	1945 1946	12 08	22 19	01 01	055 110	081 113	1940 1941	168 187	1940 1959	02 28	1945 1955	00 02	04 00	00
Ringway Watnall	08.2 08.7	-0.7 0.0	03.4 03.4	-0.6 -0.4	16.2 15.6	10 10	-06.8 -01.1	30 17	11 14	05 04	03 04	07.0 07.4	18 03	075 085*	153 173	1945 1948	089 076	1975 1973	024 034	1946 1963	10 13	17 30	01 01	107 103	137 145	1942 1941	171 145	1951 1951	11 07	1945 1945	01 01	02 07	00
Finningley	09.0	-0.2	04.1	-0.1	16.5	10	-01.6	29	13	02	04	07.5	03	095*	173	1958	092	1973	034	1968	13	13	01	044	071	1958	126	1969	18	1958	00	04	00
Tynemouth	08.4	-0.4	04.4	-0.7	16.0	10	-00.2	29	10	01	06	08.0	04	087	164	1936	097	1973	019	1968	10	14	16	078	116	1864	170	1878	09	1894	00	03	00
Eskdalemuir	06.1	-1.1	01.2	-0.7	12.5	10	-08.4	29	20	12	06	06.6	25	069	128	1911	089	1925	020	1946	09	21	05	192	131	1911	297	1938	18	1945	03	11	00
Abbotsinch	07.1	-1.6	01.8	-1.5	14.6	10	-08.1	27	14	11	06	06.8	24	065	138	1921	088	1947	023	1941	09	29	06	131	140	1921	205	1938	08	1945	00	06	03
Leuchars	07.7	-0.8	02.3	-0.9	14.6	10	-03.8	28	15	10	03	08.2	04	089	131	1921	109	1947	033	1968	15	09	09	056	086	1921	194	1963	11	1942	00	02	00
Dyce	07.2	-0.8	01.8	-0.8	14.4	10	-06.4	28	17	07	05	06.9	01	068	117	1941	089	1976	023	1941	12	13	20	069	080	1942	215	1951	19	(a)	00	12	00
Stornoway	07.7	-1.1	02.8	-1.2	13.0	10	-02.0	20	10	07	06	04.3	20	037	079	1880	073	1968	019	1881	05	17	19	199*	178	1943	194	1947	24	1945	00	10	00
Aldergrove	07.7	-1.2	02.4	-1.5	15.5	10	-05.5	26	15	09	03	06.6	25	082*	146	1927	077	(d)	026	1962	07	09	14	071	084	1927	153	1951	15	1942	00	11	01

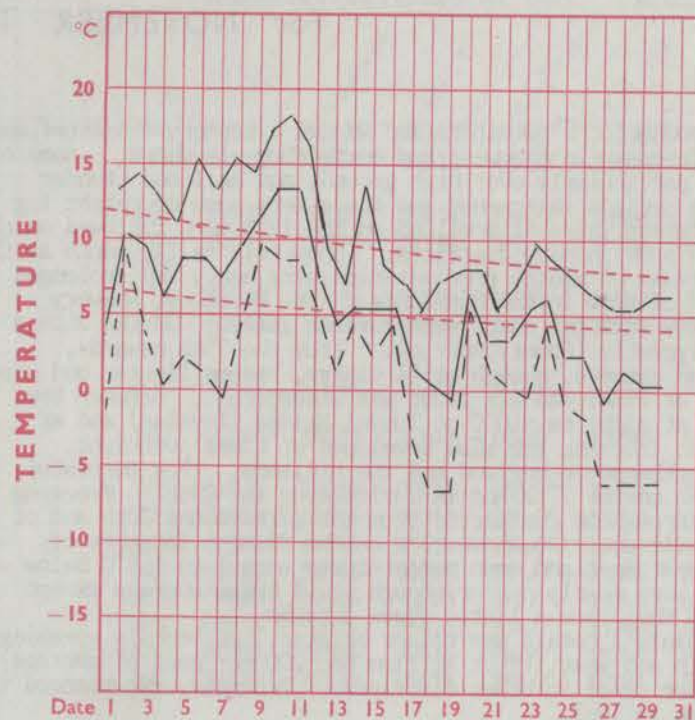
(a)	06, 15
(c)	18, 26
*	New highest

(b) 04, 11  
(d) 1930, 1974

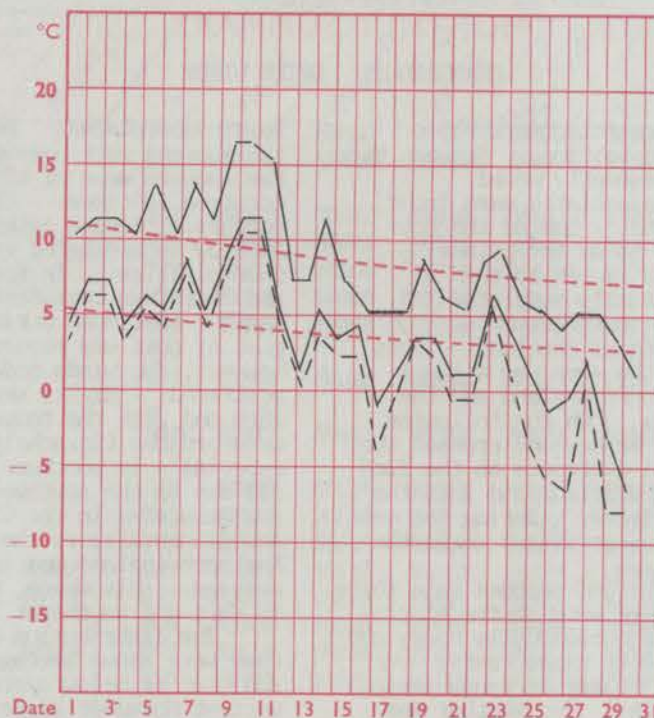
\* New highest  
(a) 1958, 1964



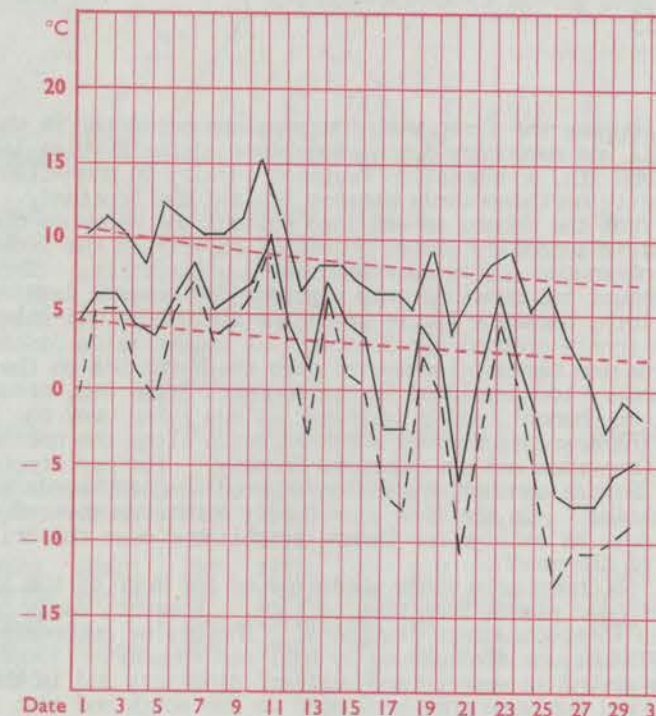
# LONDON (Kew)



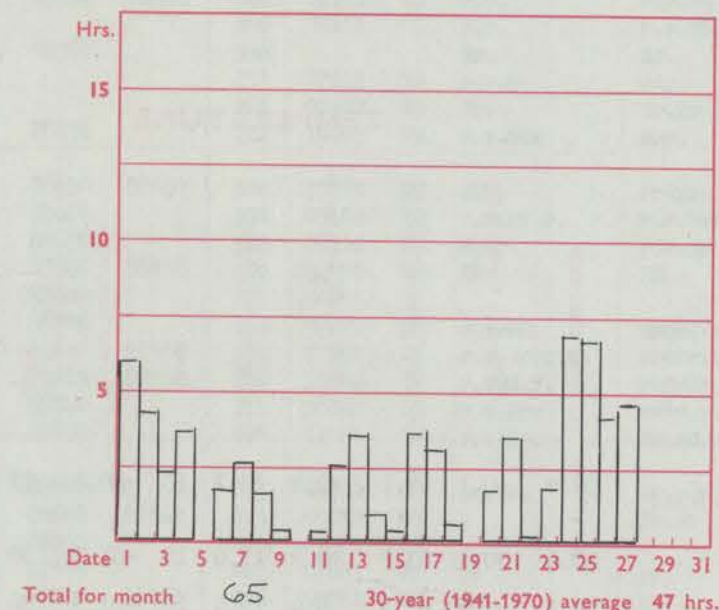
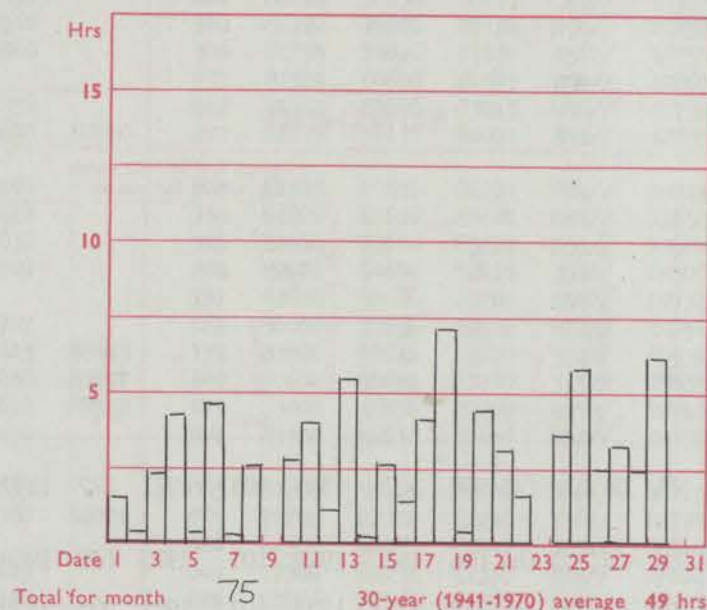
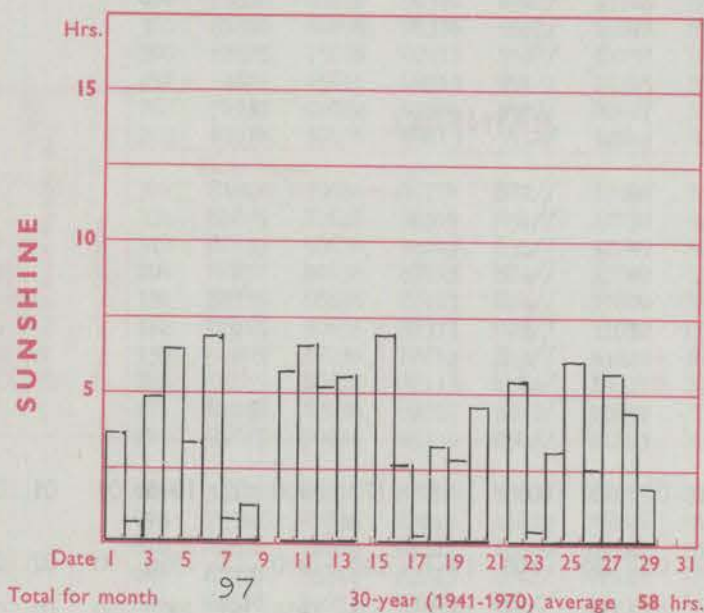
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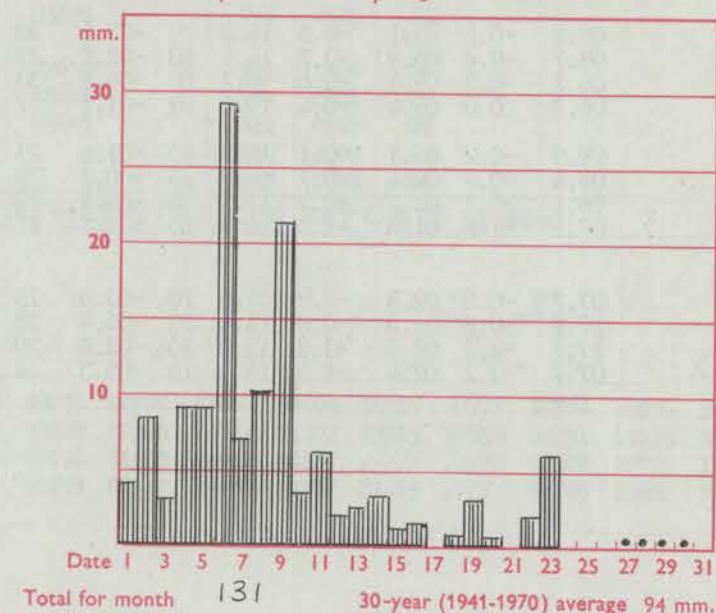
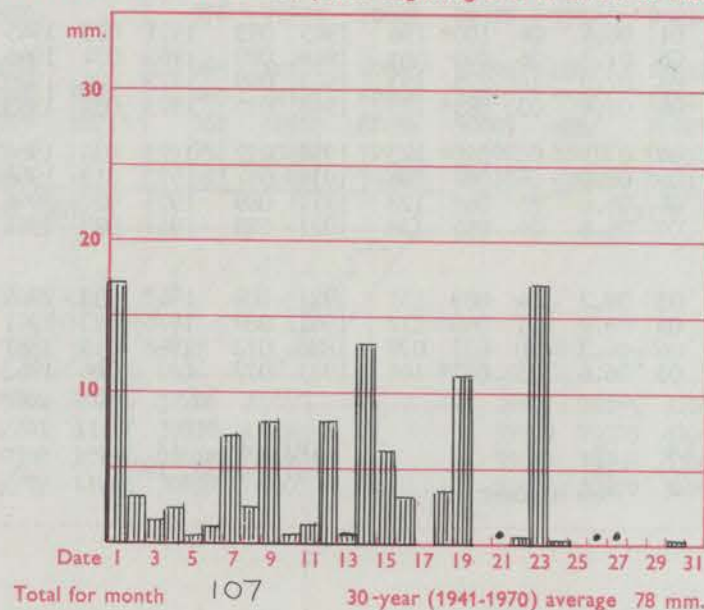
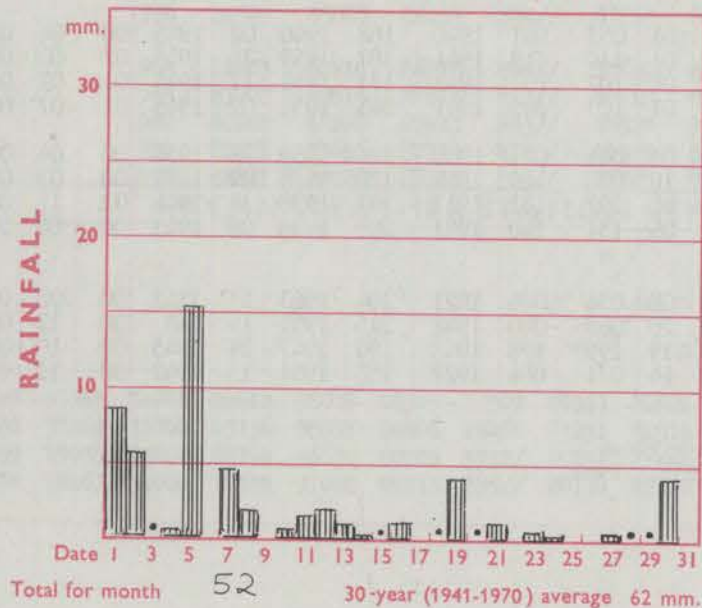
# GLASGOW (Abbotsinch)



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 "•"





## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

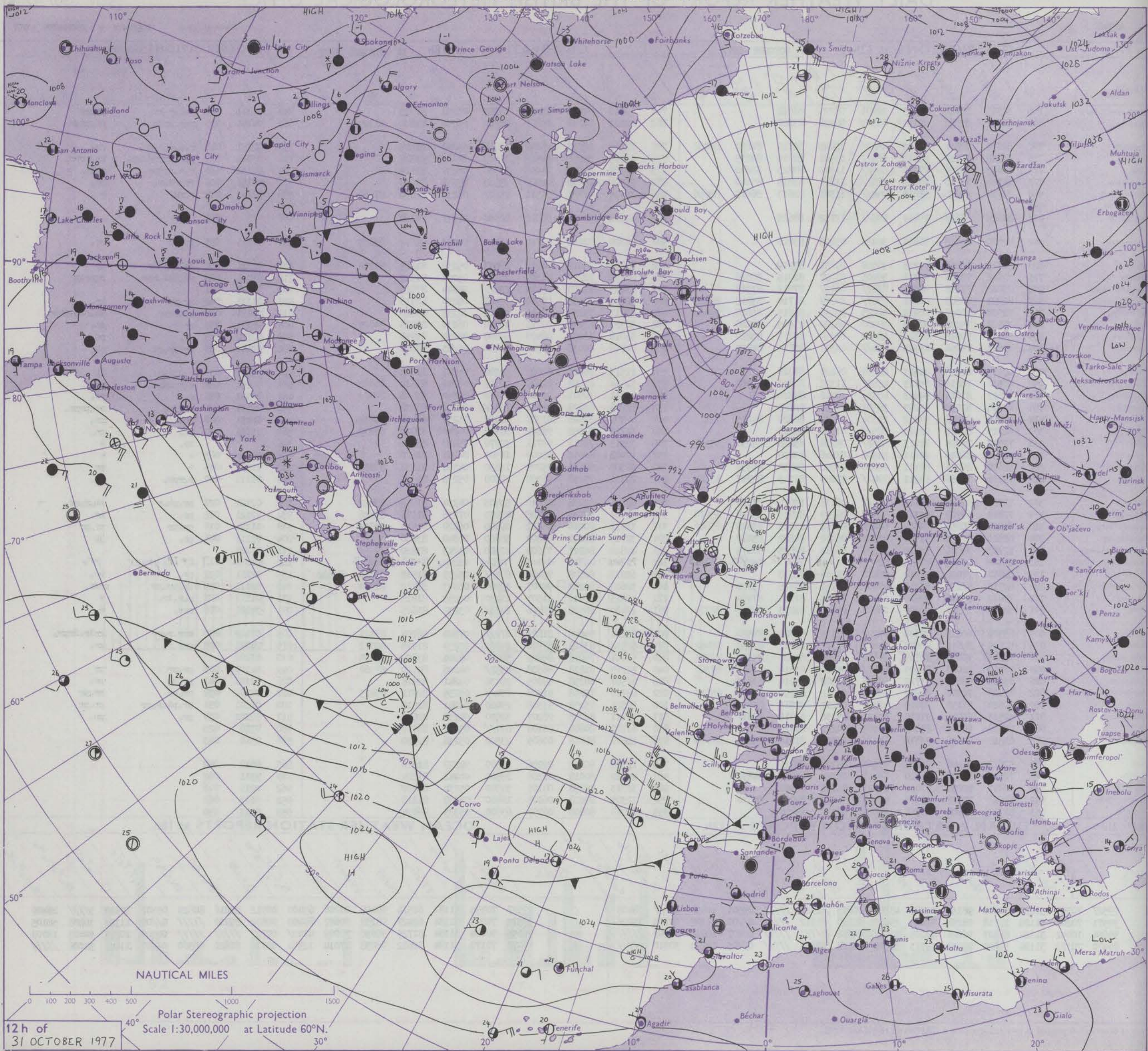
No. 42348

Date of Issue TUESDAY 1 NOVEMBER 1977

OBSERVATIONS at 12h. 31 OCTOBER 1977										OBSERVATIONS at 18h. 31 OCTOBER 1977										OBSERVATIONS during DAY				
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 x F	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	32515	82026	97813	22401	08225	82818			746	12410	84018	05008	19503	05238	81925			746	01141	033	r.d.r.r.r.	pr.pr	
Hurn	862	42516	80806	99114	48503	08326	83820			862	22413	81018	05809	29500	06240	81820	81925		862	04151	033	r.r.r.r.r.	pr.pr	
Manston	797	82216	70612	97413	4542/	11613	82710	84650	88458	797	22312	86018	04010	28463	06240	81815			797	02151	018	r.r.r.r.r.	pr.	
Gatwick	776	62418	70216	97413	684//	12501	81710	84815		776	12409	81258	04508	18403	06239	81818			776	05141	025	r.r.r.r.r.	pr.pr	
Kew	775	62413	80256	97013	685//	11312	83825	83640		775	22307	65018	04009	12530	06237	81820			775	04151	020	r.r.r.r.r.	pr.	
Heathrow	772	62614	75216	96813	684//	11311	83818	85640		772	32309	80018	04009	29563	07238	81920			772	02151	021	r.r.r.r.r.	pr.	
Honington	586	81914	64626	95013	854//	11301	82613	86615	88656	586	72314	82026	01511	2562/	07235	82630	87464		586	02141	019	r.r.r.	+	
Wattisham	590									590									590					
Gorleston	497	81918	58636	95414	855//	12712	88625			497	42212	66036	00812	40930	07237	84360			497		017			
Aberporth	502	42820	86018	96610	38432	05228	83816			502	42820	82038	03710	43400	04233	81912	83815		502	01111	035	pr.pr	pr.	
Filton	628	32715	62256	97213	39400	09231	83912			628	12706	75019	04410	19403	05238	81815	81918		628	02151	021	pr.ph.r.r.	jp	
Rhoose	715	72616	78258	97311	39403	07227	82915	87070		715	22912	82259	04309	29500	05238	81922			715	05131	022	pr.r.r.r.	pr.pr	
Hartland Point	703	73018	77258	98011	7247/	06127	87812	87360		703	73215	74258	05410	724//	04244	87815			703	01121	021			
Mount Batten	827	82821	60808	00611	7947/	09229	81710	83913	85818	827	42714	68258	07510	39403	06234	82916			827	01131	042	pr.pr	pr.	
St. Mawgan	817	72920	80028	00912	59473	07233	81915	85818	85460	817	52917	75258	07510	59500	05233	83920			817	03131	038	pr.ph.r.r.	pr.	
Scilly	804	32927	75038	02813	39400	06230	83815	81920		804	52923	82158	09111	49460	06234	81918	84821		804	94131	054	pr	pr.	
Culdrose	809	52917	70018	01712	58400	07234	81715	83820		809	53016	70038	08409	59400	05234	83916			809	02122	043	pr.	pr.	
Guernsey	894	62623	75256	03313	684//	09337	83815	84822		894	52718	80038	09511	52400	05233	85818			894	02141	056	r.r.r.r.	pr.	
Elmdon	534	42415	82256	94613	42402	06228	84818			534	12513	80021	02009	14500	04342	81825			534	95131	033	r.r.r.r.	jp	
Cardington	559	62516	70216	95713	4857/	11320	82820	83362		559	52414	65258	02609	38502	08241	81820	84072		559	01151	028	r.r.r.r.	pr.	
Wittering	462	52617	81016	94413	4853/	10219	84822			462	62511	70801	01510	48532	07341	83824	84075		462	97141	031	r.	pr.	
Watnall	354	42315	81038	93212	38502	08227	82820			354	72708	62808	01108	725//	06240	87820			354	02131	026	pr.r.r.	pr.pr	
Shawbury	414	42519	83026	94312	22504	07234	82820	84075		414	42409	82028	01507	49400	05239	81918	83635		414	92131	047	pr.	pr.	
Finningley	360	62713	82026	92313	685//	07230	85825			360	62710	70258	99809	685//	06240	83820	86630		360	91141	025	pr.	pr.	
Spurn Point	396	72317	70026	91713	5857/	09226	83820	85630	87360	396	32515	72011	98711	30970	05238	83360			396		063	+	+	
Leeming	257	42616	86036	90411	38500	07146	83820			257	12402	82011	98209	18500	04241	81820			257	00131	063	+	+	
Tynemouth	262	52620	80026	88311	22630	06352	82830	85358		262	32308	69021	95709	12630	04334	81830	83358		262	91131	045	+	pr	
Carlisle	222	72716	70166	89211	794//	07149	81713	82917	83822	222	22711	75258	96308	29500	05236	81920			222	01111	029	r.r.r.	pr.	
Valley	302	73021	58878	94111	794//	06138	83915	87628		302	52724	82258	01010	53403	04234	81918	83822		302	02121	023	pr.ph.r	ph.r.pr.	
Ringway	334	72813	62808	93311	59402	09249	82915	83820	85070	334	41907	62138	00708	49403	07236	81918	83826		334	92121	022	pr.	pr.	
Squires Gate	318	62819	70258	92512	694//	07251	81915	83818	85640	318	32721	80018	98811	39400	06129	81918	83824		318	01121	019	pr.pr	pr.pr	
Ronaldsway	204	62620	82256	91911	42542	06242	84822	85070		204	32719	82031	98809	38600	04340	83830			204	91111	046	pr.	jp	
Mull of Galloway	131	42717	84026	90610	22501	06244	82825	84075		131	42820	84011	97608	42500	05243	83820			131	97101				
Eskdalemuir	162	72214	15806	88309	784//	05148	81715	85819	85635	162	72314	65808	95608	795//	03236	84920	83822		162	04092	027	r.r.r.r.	pr	
Prestwick	135	32817	70026	88210	38400	04238	82818			135	62818	62808	95409	694//	05239	81918	83820	85632	135	02111	022	pr.	pr.	
Abbotsinch	140	42713	82256	86710	49400	06131	81918	83820		140	32608	80258	94007	39400	06243	81712	81920		140	02111	033	r.r.r.r.	pr.pr	
Leuchars	171	72412	89606	84809	1642/	06244	81710	87464		171	12415	82016	91507	11430	05233	81818			171	01111	037	r.r.r.	+	
Dyce	091	72512	75216	82409	28488	05338	81815	85360	87270	091	22410	86026	89906	14532	03235	81625			091	04101	016	r.r.r.	+	
Lerwick	005	83306	60616	77408	3722/	08725	83704	88520		005	82211	50646	81807	6722/	07240	86704	88521		005	17102	000	r.r.r.r.	r.r.r.r.	
Wick	075	82605	85616	80807	2547/	07307	81712	83359	88462	075	62512	83018	87206	24362	05239	81918	86072		075	04091	008	r.r.r.	pr.	
Sule Skerry	010	72613	70216	80709	59508	08602	81920	85625	87275	010	52914	74018	85909	58500	08244	83820	85625		010	03102				
Cape Wrath	049	72310	82028	80609	6847/	05400	83810	86615	87360	049	73219	81818	86508	4357/	04246	84920	87360		049	04101	003	pr.pr	pr	
Stornoway	026	62713	58801	81710	594//	08302	85914	83625		026	42507	80258	89005	38430	04241	82818			026	02101	043	pr.pr	pr.	
Benbecula	022	72819	70808	84209	784//	06312	81710	85814	85															

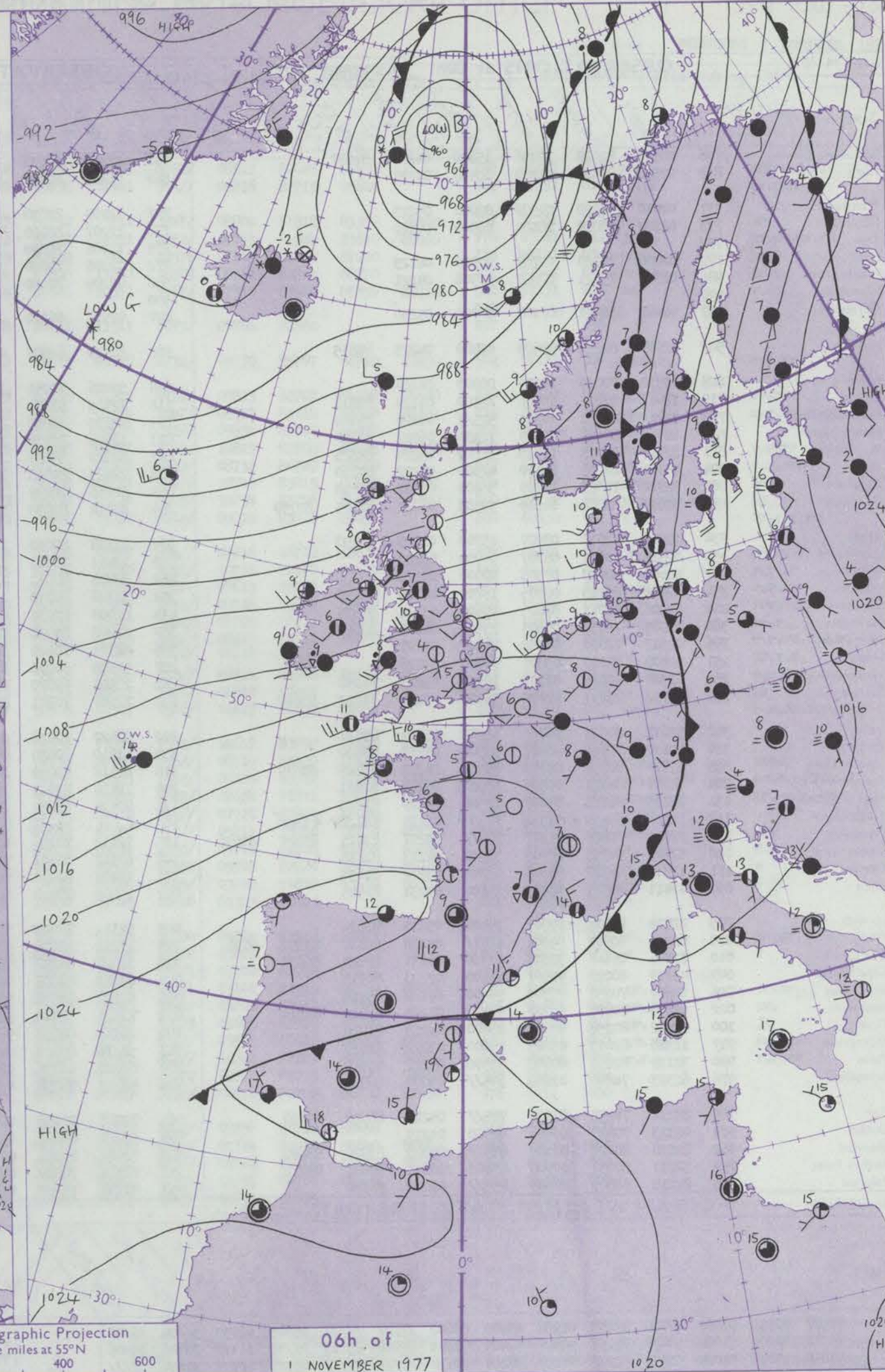
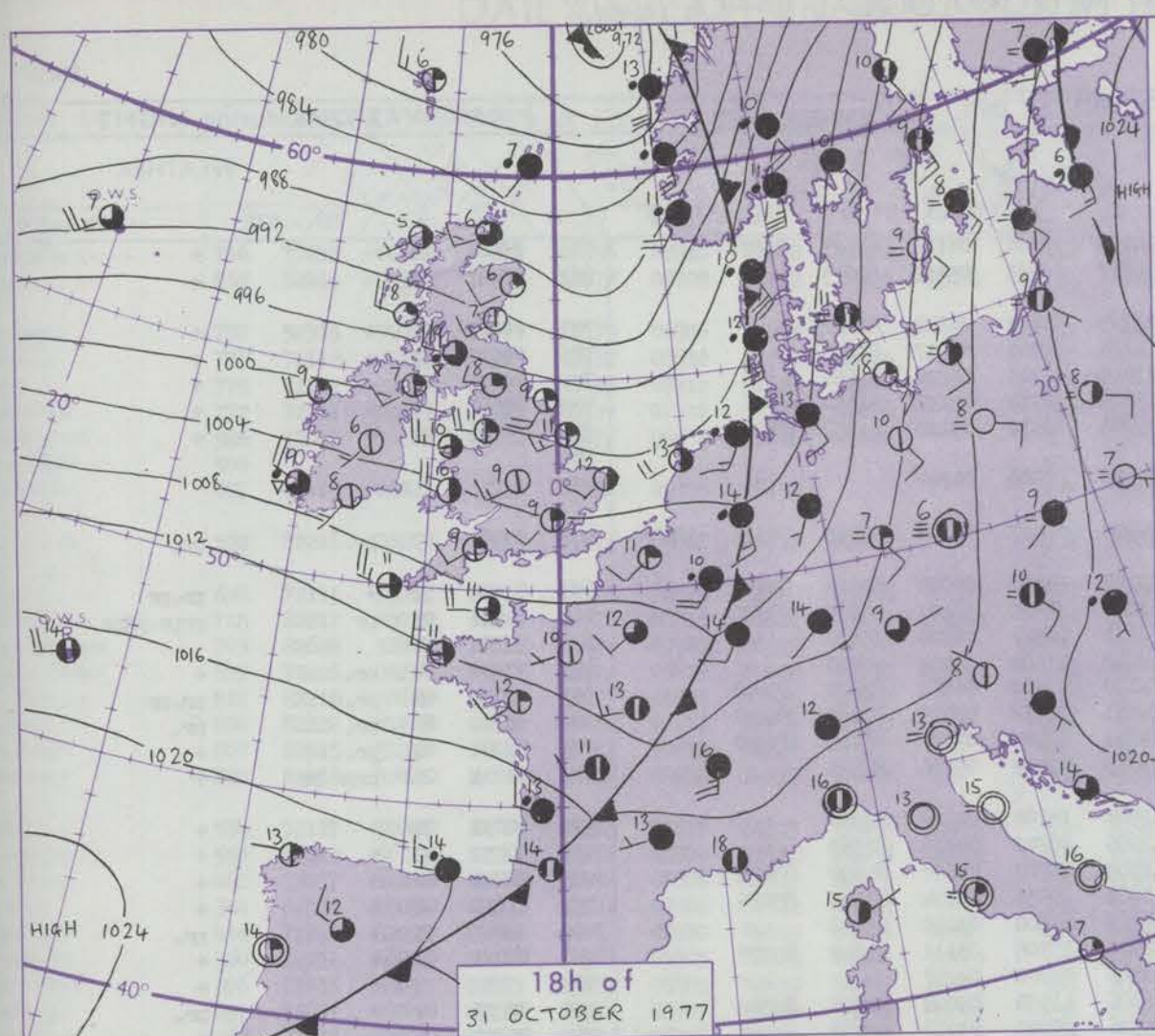


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 east of Iceland has moved slowly north without much change in central pressure. Its associated waving cold front along the west coast of Norway to Brest and the Azores moved steadily eastward and now extends across Sweden to Genoa, where a shallow wave depression has formed. The front is followed by an unstable westerly airstream. During the next 24 hours

a depression over the central North Atlantic, moving rapidly northeast is expected off northwest Ireland by tomorrow morning. Its associated warm front will be lying across central parts of England and western France.

Issued at midday TUESDAY 1 NOVEMBER 1977



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

Code FM II.V		OBSERVATIONS at 00h. 1 NOVEMBER 1977										OBSERVATIONS at 06h. 1 NOVEMBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</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>M</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				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	12513	82028	10406	15600	04221	81630			746	52210	84031	14005	15502	04112	81625	85072		746	00041	01	+	+			
Hurn	862	02510	80020	11208	00900	04221				862	21805	80030	14607	00901	05112	82075			862	00021	51	+	+			
Manston	797	02410	84020	09507	00900	05223				797	22409	82030	13705	00902	04221	82072			797	00041	01	+	+			
Gatwick	776	02204	80020	10104	00900	04122				776	12207	80020	14104	15701	03217	81650			776	00031	51	+	+			
Kew	775									775	12206	75030	13605	15700	04220	81650			775	00031	52	+	+			
Heathrow	772	02406	80020	09707	00900	06123				772	12206	75020	13805	10930	05117	81359			772	00041	01	+	+			
Honington	586	02310	75021	07607	00900	04221				586	42209	70030	11905	10931	03120	81359	84075		586	00041	01	+	+			
Wattisham	590									590									590							
Gorleston	497	02412	66021	07108	00900	05230				497	02511	66020	11506	00900	04222				497							
Aberporth	502	42917	82251	09609	42400	04225	84815			502	82119	62808	09908	6842/	66808	84815	85635	88458	502	01061	03	pr.	pr.			
Filton	628	02810	70020	10109	00900	04224				628	52006	70251	12706	58400	05008	82818	84636		628	03051	52	+	pr.pr			
Rhoose	715	12911	82028	10108	18400	04124	81816			715	72312	81031	12110	18406	06104	81815	87275		715	11071	03	pr	pr.pr.pRpr			
Hartland Point	703	52810	80031	10711	525//	05224	85820			703	82735	66808	11811	825//	08804	88820			703	96101	07					
Mount Batten	827	12712	80028	12709	12530	06221	81820			827	12616	80010	14712	11500	07003	81820			827	97091	04	pr.	+			
St. Mawgan	817	22918	84018	12910	22500	05224	82825			817	62312	80038	14110	68500	06601	82820	85640		817	02091	06	pr.pr	pr.pr			
Scilly	804	43021	82258	14410	42500	05222	84820			804	72423	80028	14411	2257/	07805	82820	84458		804	96101	06	pr.	pr.			
Culdrose	809	32912	70028	13709	32400	05122	83818			809	52616	70038	14811	58400	07400	81712	83820		809	97081	03	pr.	+			
Guernsey	894	32816	82018	14110	39503	06221	82825	81930		894	42714	82038	17010	42500	05110	84825			894	01091	06	prpr.pr	+			
Elmdon	534	12410	82010	08007	15700	04225	81650			534	11704	80010	11504	15700	02112	81650			534	00031	00	+	+			
Cardington	559	92514	60041	08207	00900	06220				559	12411	70011	12206	10940	04116	81362			559	00051	02	+	+			
Wittering	462	02610	80028	07506	00900	05221				462	32408	80011	11305	15702	04117	81650	83072		462	00041	01	+	+			
Watnall	354	12408	65028	06805	15700	04225	81650			354	32306	64010	10204	10931	03114	81365	83075		354	97031	00	+	+			
Shawbury	414	12206	82011	07605	15600	03231	81635			414	52008	81031	09905	55600	03010	85640			414	92011	53	+	pr.			
Finningley	360	21905	75038	05605	25500	04228	82620			360	32208	81031	08905	15708	03112	81650	83270		360	00021	51	+	+			
Spurn Point	396	02317	72020	04708	00900	05227				396	02311	70020	08706	00900	04217				396			+	+			
Leeming	257	02309	84010	03807	00900	03226				257	51505	84031	06806	11550	03008	81825	84362		257	97051	01	+	pr.			
Tynemouth	262	12508	80028	01907	10930	03228	81358			262	22505	69020	05306	20940	03212	82359			262	91051	03	pr	+			
Carlisle	222	32712	75011	02208	38500	05224	81822	83640		222	72307	70801	04407	785//	05001	83820	86642		222	02051	51	+	pr.prpr			
Valley	302	52617	80028	06709	52500	05225	85821			302	82427	80038	07310	3252/	06607	83820	88462		302	97091	06	+	pr.			
Ringway	334	42110	70018	06407	48500	05228	83820			334	11810	80030	09005	15600	03006	81640			334	97041	03	pr.	+			
Squires Gate	318	62720	80258	04910	685//	06227	85824	83645		318	62418	80038	06710	58504	07802	83825	84650	85075	318	01081	06	pr.pr	pr.pr			
Ronaldsway	204	12717	84021	04508	18500	05224	81821			204	72519	82021	05309	784//	05707	83819	85824	87656	204	00081	05	+	+			
Mull of Galloway	131	12725	86021	03407	12500	04229	81825			131	82524	86031	04009	2251/	05807	82825	88460		131	00071						
Eskdalemuir	162	72207	80258	02204	7557/	03127	85638	87645		162	52111	70038	04204	48501	03002	83820	84435		162	02032	51	Pro	Propr.			
Prestwick	135	72821	70808	01207	784//	04227	82815	83622	85636	135	72112	70258	02607	784//	05001	81818	86625		135	02061	04	pr.pr	pr.			
Abbotsinch	140	32407	70258	00005	38400	04227	81818			140	62313	65801	01608	685//	05803	82820	83626	85640	140	95041	51	pr.	pr.			
Leuchars	171	12312	84020	98605	15700	03232	81656			171	12408	82020	01904	15700	02111	81650			171	97031	00	+	pr.			
Dyce	091	12411	88011	96805	15600																					



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

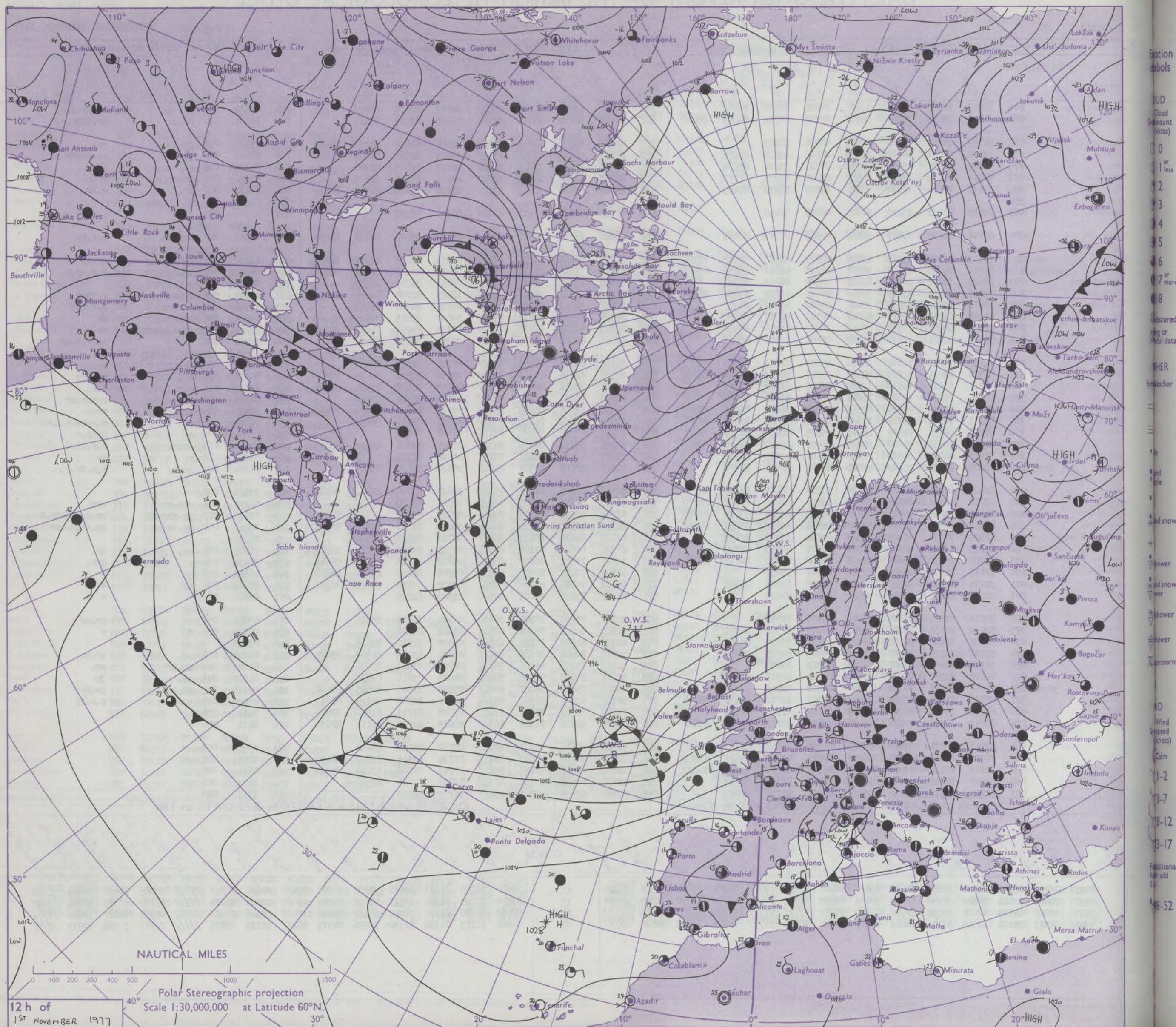
No. 42349

Date of Issue WEDNESDAY 2 NOVEMBER 1977

Code FM 11.V		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		1 NOVEMBER 1977										1 NOVEMBER 1977														
Station	iii	Nddff	VVwww	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>	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> 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 F	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	72213	66258	13611	19536	07810	81920	87272		746	81812	65638	10909	4552/	08812	84625	88459		746	05121	022	pr.	rrr.r.o.d.r.o.			
Hurn	862	82415	75808	14513	5847/	08708	81712	84825	88462	862	82010	60638	11411	854/	09816	82715	88618		862	06131	010	pr.pr	rrr.prrr.r			
Manston	797	52315	84031	14913	12575	06806	81825			797	82013	80252	13811	2847/	08804	81818	83359	88462	797	97131	072	pr.	pr.			
Gatwick	776	72112	65151	14513	22538	08810	82820	86270		776	82112	68258	12211	4952/	09713	82924	83640	88460	776	03141	042	jppr.	pr.prrr.rR			
Kew	775	72112	82031	13713	28538	07812	81824	86270		775	72013	82028	11611	22578	07713	82825	87270		775	94131	035	pr.	rrr.r.			
Heathrow	772	72111	75011	14013	18532	07812	81825	87070		772	82114	62808	11812	58507	08711	83824	88270		772	01141	022	pr.pr	rrr.r.			
Honington	586	72012	75601	12910	1847/	06805	81816	87465		586	82014	65606	10811	5567/	07710	85640	86359	88462	586	91131	017	ir.	r.ir.			
Wattisham	590									590										590						
Gorleston	497	62115	66021	13210	6092/	06806	86458			497	61918	64031	11511	6093/	09706	86360			497		035					
Aberporth	502	82216	70218	08411	2641/	09822	81712	88465		502	82018	62616	03910	6732/	09730	85707	86710	88550	502	07112	000	ir.r.r.o.	r.r.r			
Filton	628	72113	75028	11811	48408	08823	81818	83645	87275	628	81909	60636	09209	6732/	08813	82708	84710	88530	628	12122	007	prrrr.r	rrr			
Rhoose	715	82217	80038	11212	48577	08815	82822	83650	85465	715	81913	73606	08110	7547/	08817	83618	87640	88359	715	04122	000	pr.r.r.o.	r.r.o.-r.r			
Hartland Point	703	82628	32818	10511	6242/	09509	86812	88560		703	82428	62606	05410	852/	09831	85705	88630		703	07122	000					
Mount Batten	827	72226	68211	13713	5851/	09812	82822	83632	87464	827	82225	58618	09511	5232/	10823	82708	84815	88550	827	09131	001	r.pr.r	r.r			
St. Mawgan	817	82216	70608	12911	2842/	09812	81815	88457		817	82017	60618	07910	6732/	08732	86709	88459		817	11111	000	pr.r.o.	r.r.r			
Scilly	804	82222	64218	12512	4242/	09717	84818	88460		804	81924	58658	05711	7842/	10745	83815	86620	88460	804	14132	000	rrpr	rr			
Culdrose	809	82515	58258	13511	5341/	10812	84910	88462		809	82223	56636	08110	6532/	10734	83706	84615	88540	809	23122	000	prpr.tlr.r.o.	rr			
Guernsey	894	82318	82021	17212	2142/	08806	82818	88463		894	82021	80606	13912	4842/	09818	83816	88459		894	02132	001	+	ir.r.r.r			
Elmdon	534	72117	70021	10610	28478	05807	81817	86468	87272	534	81914	68216	07509	854/	07716	86712	88630		534	06101	008	ir.r	rr.r.o.			
Cardington	559	72313	66211	12711	48472	08807	81812	84656	86466	559	82115	62616	10210	5857/	10710	82820	84630	88360	559	01131	016	ir.	r.r.r			
Wittering	462	72217	81011	11810	11438	07806	81818	87275		462	82017	68616	08910	2547/	09613	82618	85360	88462	462	92111	012	r.r.o.	r.r.o.			
Watnall	354	82112	75031	10109	11477	07806	81812	88268		354	82013	50616	07009	3742/	08718	83712	88550		354	04101	000	r.r.o.	rrr.r.r			
Shawbury	414	71912	82038	09111	6552/	07810	84620	84645	87461	414	81810	65616	05409	3542/	09720	81712	83626	88460	414	03111	006	r.r.o.r	rrr.r.o.			
Finningley	360	72011	66021	09310	11546	05803	81825	83364	87270	360	81908	59046	06109	854/	08617	85711	88656		360	96111	009	r.	r.r.r.d.d.d.r.o.			
Spurn Point	396	61916	66031	09809	25671	05805	82630	84360	86075	396	81815	64616	06909	8072/	09718	88456			396			+	ir.r.r.o.			
Leeming	257	71811	70038	07110	685/2	06707	85820	83640	85070	257	81408	58616	04108	853/	07821	81706	85614	88620	257	01101	010	pr.r.o.	r.r.d.r.o.			
Tynemouth	262	31917	61021	05509	2267/	06707	82835	83358		262	71811	61216	03807	7097/	06810	87358			262	03112	028	+	rr			
Carlisle	222	72408	80258	05109	49406	06102	82918	87270		222	81707	58608	02307	6562/	06817	86630	88459		222	01101	007	pr.r.o.	r.r.o.ir.r.o.			
Valley	302	82421	65636	06610	6542/	08812	83614	86624	88556	302	82516	62636	01811	7532/	10617	83708	87612	88545	302	13122	000					
Ringway	334	81710	70151	08809	18527	06804	81825	87462	88270	334	81815	62636	04709	856/	08719	83630	88650		334	06101	013	r.r.r	rrr.			
Squires Gate	318	81812	70808	06911	6852/	08804	85822	83625	88460	318	81713	50218	02609	7542/	09725	83712	87622	88550	318	10112	003	pr.prrr.r	rrr.d.r.DRir.R			
Ronaldsway	204	82316	66608	04910	5857/	06814	84822	83650	88462	204	82312	80608	00610	6847/	08624	81711	83818	85621	204	05111	000	pr.-r.-r	rrr.-r.-r			
Mull of Galloway	131	82323	70031	04109	3152/	05804	83820	88459		131	82115	84036	00410	885/	07720	82825	88630		131	06101						
Eskdalemuir	162	62115	80018	04607	59502	04301	84920	83823		162	81502	60602	02106	873/	05											



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

Location symbols

Cloud  
Symbol  
(oktas)

0  
1 or less  
2  
3  
4  
5  
6  
7 or more  
Obscured  
fog or  
other data.

WHER  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

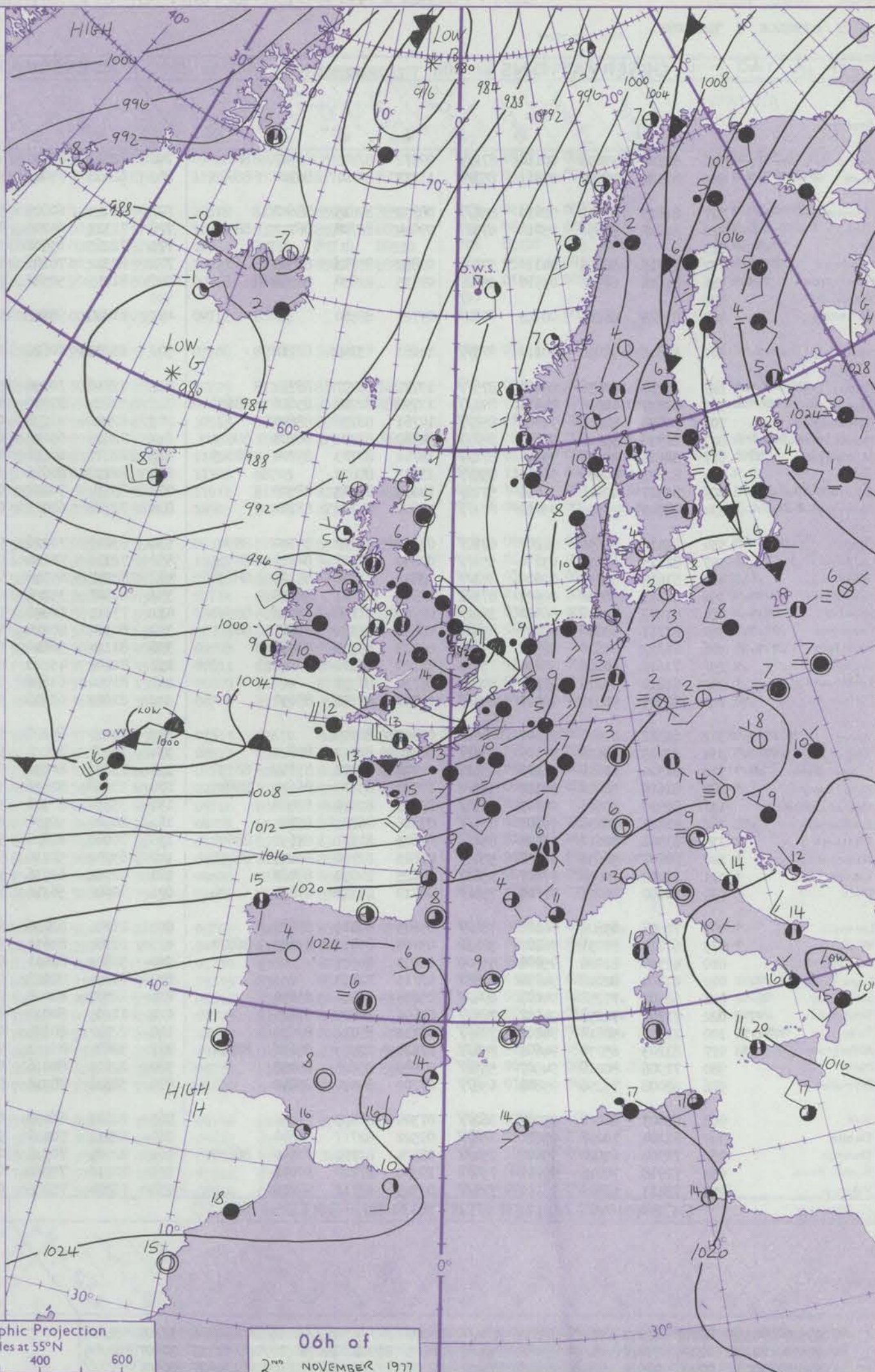
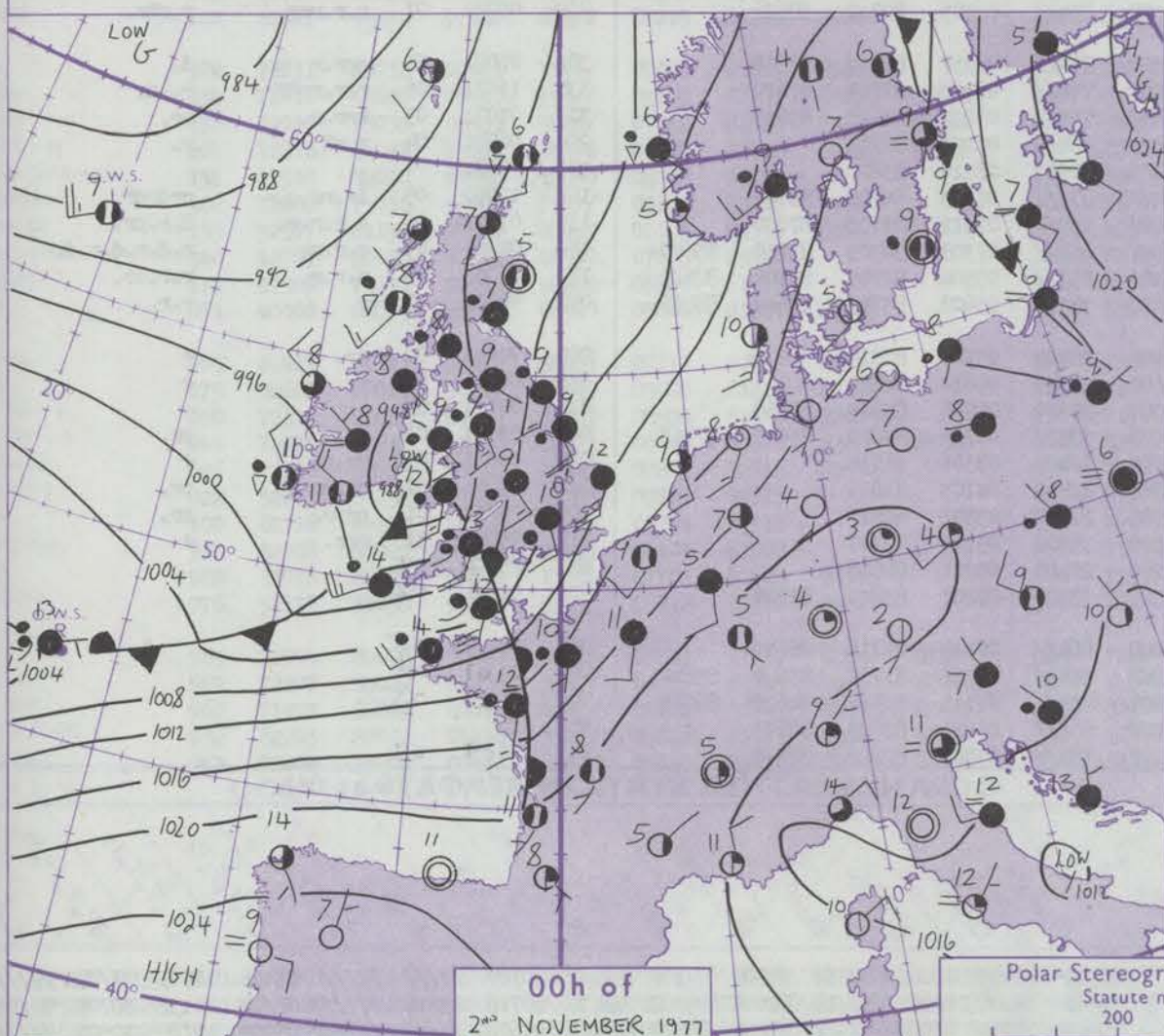
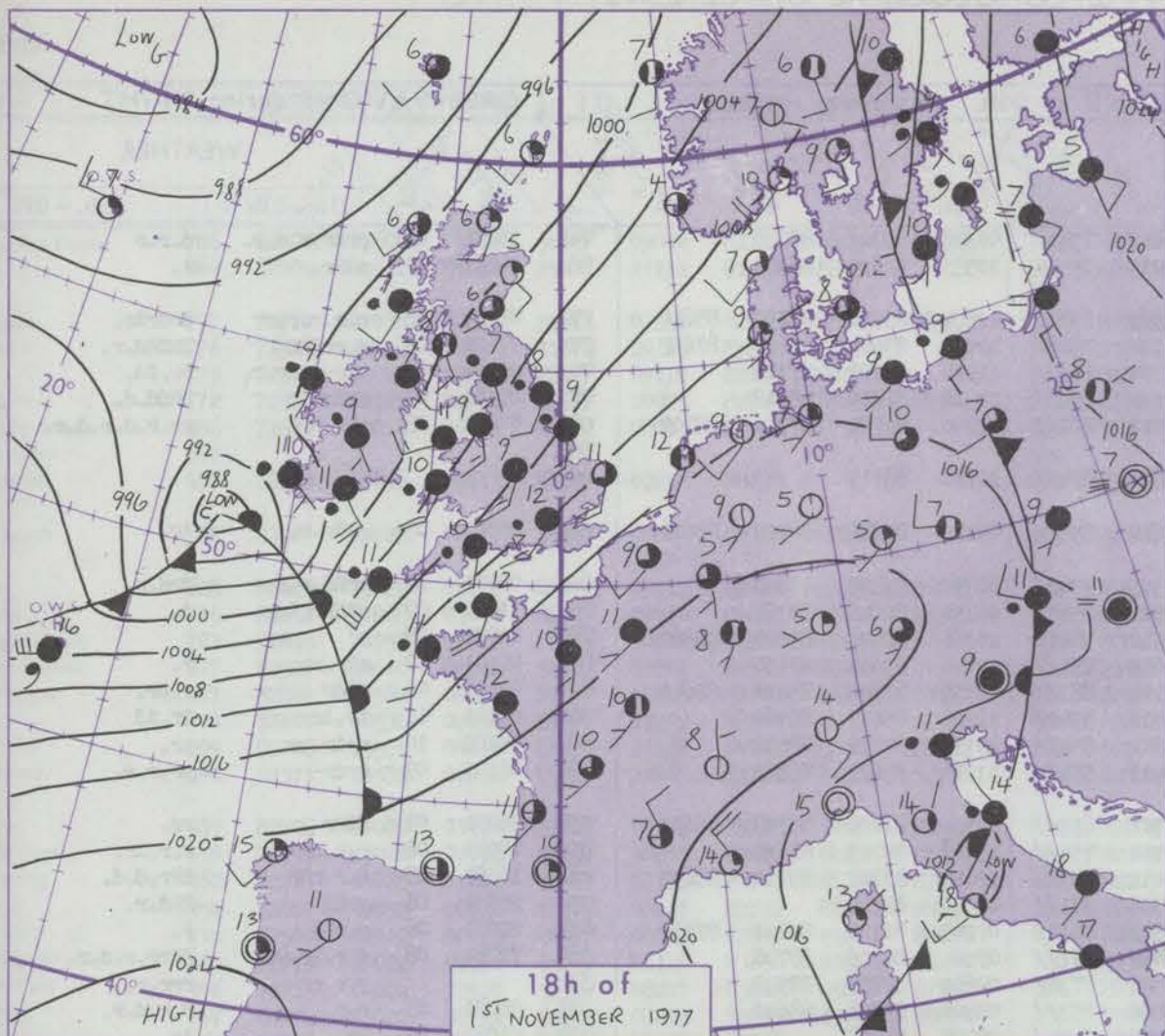
Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol

Wind  
Symbol



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

## GENERAL SYNOPSIS DEVELOPMENT

A deepening wave depression moved east-northeast from mid-Atlantic to central England during the past 24 hours, bringing rain to most districts and gales in the south. Meanwhile slow-moving depressions south of Iceland and in the northern Norwegian Sea maintained rather cold showery westerlies or southwesterlies in extreme northern Britain. The wave depression over England

will move to the eastern North Sea during the next 24 hours with showery westerlies or southwesterlies covering the British Isles, but frontal waves are expected to bring further rain to southwestern and southern districts.

Issued at midday WEDNESDAY 2 NOVEMBER 1977



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

OBSERVATIONS at 00h. 2 NOVEMBER 1977										OBSERVATIONS at 06h. 2 NOVEMBER 1977										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwwwW	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>	iii	Nddff	VVwwwW	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>	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	81724	57636	00110	872//	09872	82705	86707	88712	746	72822	80026	96412	754//	09323	85712	87625		746	13091	09	rrRr.r.d.r.	d.r.r		
Hurn	862	81924	50656	00811	853//	11773	83707	86710	88623	862	62618	75026	98913	15530	10333	81625	86360		862	14111	10	rrRr.	r.		
Manston	797	81819	67612	08410	854//	08830	82615	88640		797	82023	60605	95313	853//	12654	82706	83710	88616	797	07091	08	r.r.r.r.r	drdr.r.		
Gatwick	776	81817	57656	05710	6732/	09844	82708	86712	88550	776	72317	65206	95114	754//	12526	83614	85626	87657	776	17101	08	r.r.r.r.r	DRDR.d.r.		
Kew	775									775	72213	65506	94314	773//	12524	83709	87716		775	08101	09	r.r-rrRr.r.	rr.id.		
Heathrow	772	81715	56658	04110	5742/	09852	85713	88545		772	82312	70206	94114	854//	13518	82710	88618		772	09101	09	r.Rrdr	DRdd.d.		
Honington	586	81616	60616	05510	2562/	07835	82630	88550		586	81715	50586	92711	872//	11750	82704	87706	88709	586	07091	08	r.r.r.rR	rr.r.d.r.d.r.		
Wattisham	590									590															
Gorleston	497	81923	66216	06912	8092/	09729	88560			497	81840	58636	93811	874//	10761	88715			497						
Aberporth	502	81815	58636	90212	873//	11681	83708	88712		502	83213	60606	99610	853//	10175	81706	84710	88620	502	08091	07	rrRr.r.	ir.		
Filton	628	81718	50636	95810	873//	10792	85707	88711		628	72716	70016	97313	784//	10350	81818	87640		628	09091	09	rrRd.r.dr	drd.r.		
Rhoose	715	81819	64616	94611	853//	11790	82708	85616	88624	715	52825	81036	97512	25431	09354	82616	83360		715	11101	09	rrRrr.r.id.	d.		
Hartland Point	703	82638	58616	91914	853//	14761	86706	88620		703	82916	82258	00912	5847/	10166	82818	85625	88360	703	03091	08				
Mount Batten	827	82336	35616	97014	852//	14760	85704	86708	88620	827	72816	65016	03013	754//	10146	83617	87650		827	09101	09	rRr.r.	r.		
St. Mawgan	817	82625	20596	95514	872//	14741	83703	85704	88705	817	82817	64216	02712	883//	10135	81708	83810	88640	817	03111	09	dddr	r.pr.		
Scilly	804	82637	60606	96814	855//	13513	88623			804	82718	80606	04412	5542/	11225	85617	88460		804	02101	11	ir.ir	ir.id		
Culdrose	809	82527	40616	97014	5722/	14633	85703	88505		809	82814	70028	03912	854//	10132	84710	88618		809	05102	10	rrir.pr.	pr.		
Guernsey	894	82029	20536	03912	871//	12659	84702	88704		894	72727	60025	05413	5543/	11235	85613	85360		894	08101	09	rrdr	pr.r.r.		
Elmdon	534	81416	58656	98209	6732/	08866	82708	85710	88540	534	83019	70216	93311	853//	09324	81706	85708	88615	534	16091	08	RRrr	rr.		
Cardington	559	81815	63636	03110	5532/	09850	82707	84615	88535	559	72316	70216	92414	754//	13617	84713	87635		559	08091	08	r.r.r.r	r.r.ir.		
Wittering	462	81615	58636	02809	853//	08842	82706	85708	88630	462	82313	65516	91412	853//	12627	83708	85710	88635	462	16081	08	r.r.r.rR	RRr.d.d.		
Watnall	354	81711	56636	00509	873//	08844	85707	88710		354	82307	35216	92708	871//	08510	88702			354	26081	06	rrRr	RRd.r.		
Shawbury	414	81209	59636	96409	3732/	08760	81708	83712	88540	414	73113	62026	95509	4621/	07249	81705	84712	87462	414	22081	06	r.rRr	r.		
Finningley	360	81711	68616	00409	854//	08834	83710	85615	88645	360	80304	80216	93009	872//	08524	84703	88706		360	12081	08	d.r.ir.rRr	RRrr.r.d.r.		
Spurn Point	396	81722	64616	02509	3742/	08728	83710	88460		396	81124	56616	91510	7732/	09655	87707	88559		396			r.r.r.r	rrr.r.		
Leeming	257	71612	50616	98809	754//	08729	87618			257	82202	45106	95608	853//	08504	85706	88640		257	96081	07	r.r.	r.r.d.r.		
Tynemouth	262	81810	61216	98309	8097/	08730	88358			262	81910	61606	95409	8097/	08708	88358			262	01081	05	rr	ir.		
Carlisle	222	81305	57636	96409	854//	08729	82710	88630		222	81902	62606	95009	854//	08305	82712	88626		222	05081	07	r.r.r.r.r.	r.rRr.		
Valley	302	81312	60616	92609	8062/	09853	88545			302	73114	65206	97510	754//	09237	82710	87618		302	07081	05	rrr.r	d.		
Ringway	334	81715	65636	98109	854//	08742	81712	88640		334	73107	80026	95008	754//	08325	82714	87622		334	11071	06	r.r.r.rRr	r.-d.		
Squires Gate	318	81514	60616	96309	4532/	09740	82709	83635	88550	318	73302	80036	95909	755//	08224	81628	87635		318	01071	03	rrr.r.	pr.		
Ronaldsway	204	81610	56616	94310	853//	10734	83708	86621	88645	204	23010	82016	96409	18402	07222	81713			204	06081	04	r.rR	r.		
Mull of Galloway	131	82010	35616	94709	2552/	09726	82625	88460		131	33314	82016	96108	32500	08218	83820			131	97071					
Eskdalemuir	162	81404	30636	96607	870//	07827	86701	88704		162	80000	50596	95107	873//	07303	84706	88709		162	12052	05	ir.r	rrdrdr		
Prestwick	135	81306	60616	95508	854//	07623	81617	83630	88650	135	70000	62026	95707	752//	07312	81703	87650		135	03071	06	d.r.r.r.r.	d.r.pr.		
Abbotsinch	140	80807	56636	95508	5542/	06623	82710	85623	88458	140	63002	50216	95507	652//	07308	82705	83710	85640	140	04061	05	r.r.r.r	r.d.r.d.r.d.		
Leuchars	171	81402	70602	97207	2562/	04625	82630	88460		171	82702	62036	95106	852//	05504	82705	85708	88622	171	02051	03	r.r.r	r.r.ir.		
Dyce	091	70000	70021	97705	754//	04719	81618	87638		091	80000	56216	95005	3542/	05608	81715	83640	88459	091	96031	51	r.	r.r.		
Lerwick	005	71808	65808	96406	784//	05605	84815	87628		005	21906	82038													



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42350

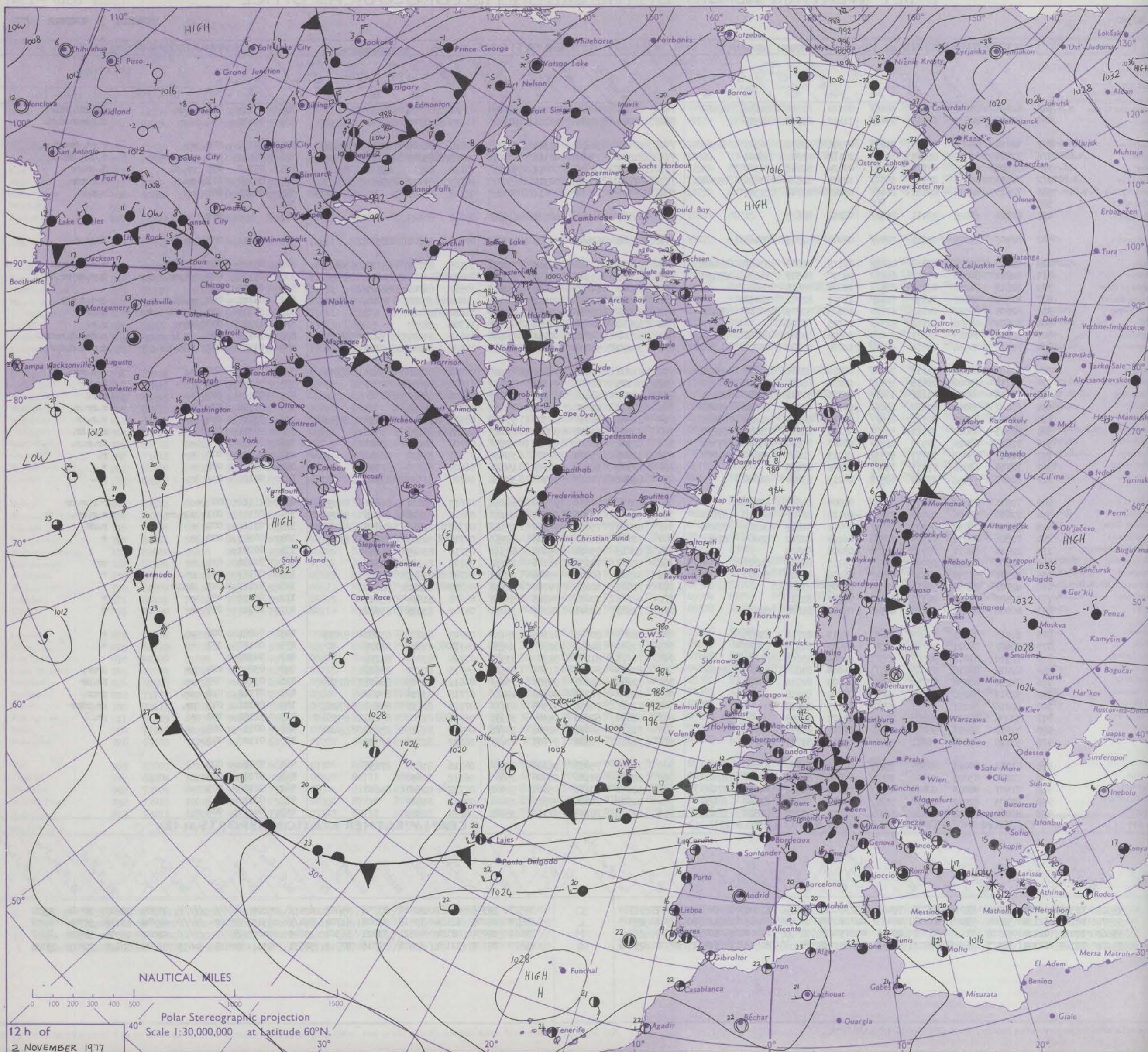
Date of Issue

THURSDAY 3 NOVEMBER 1977

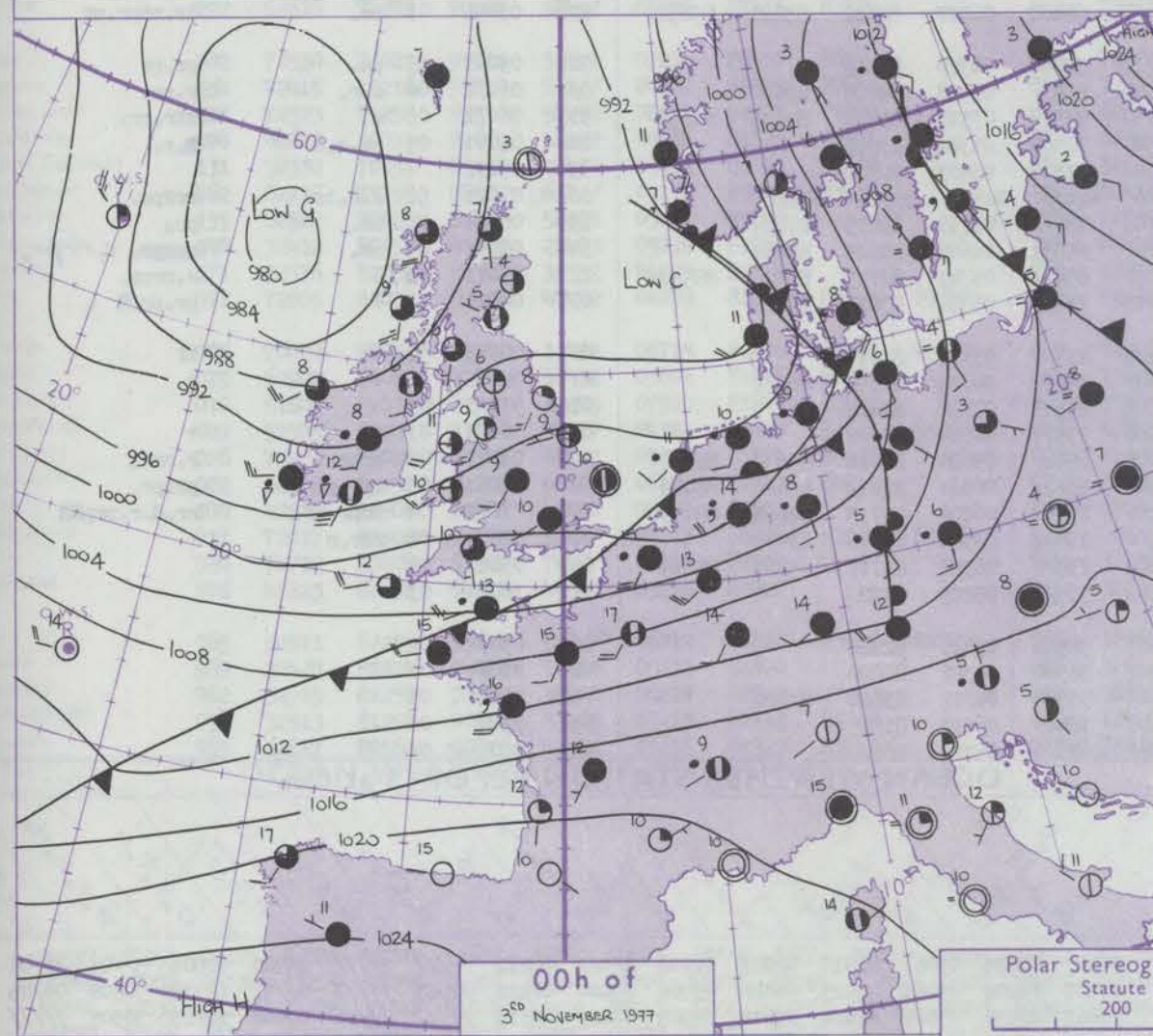
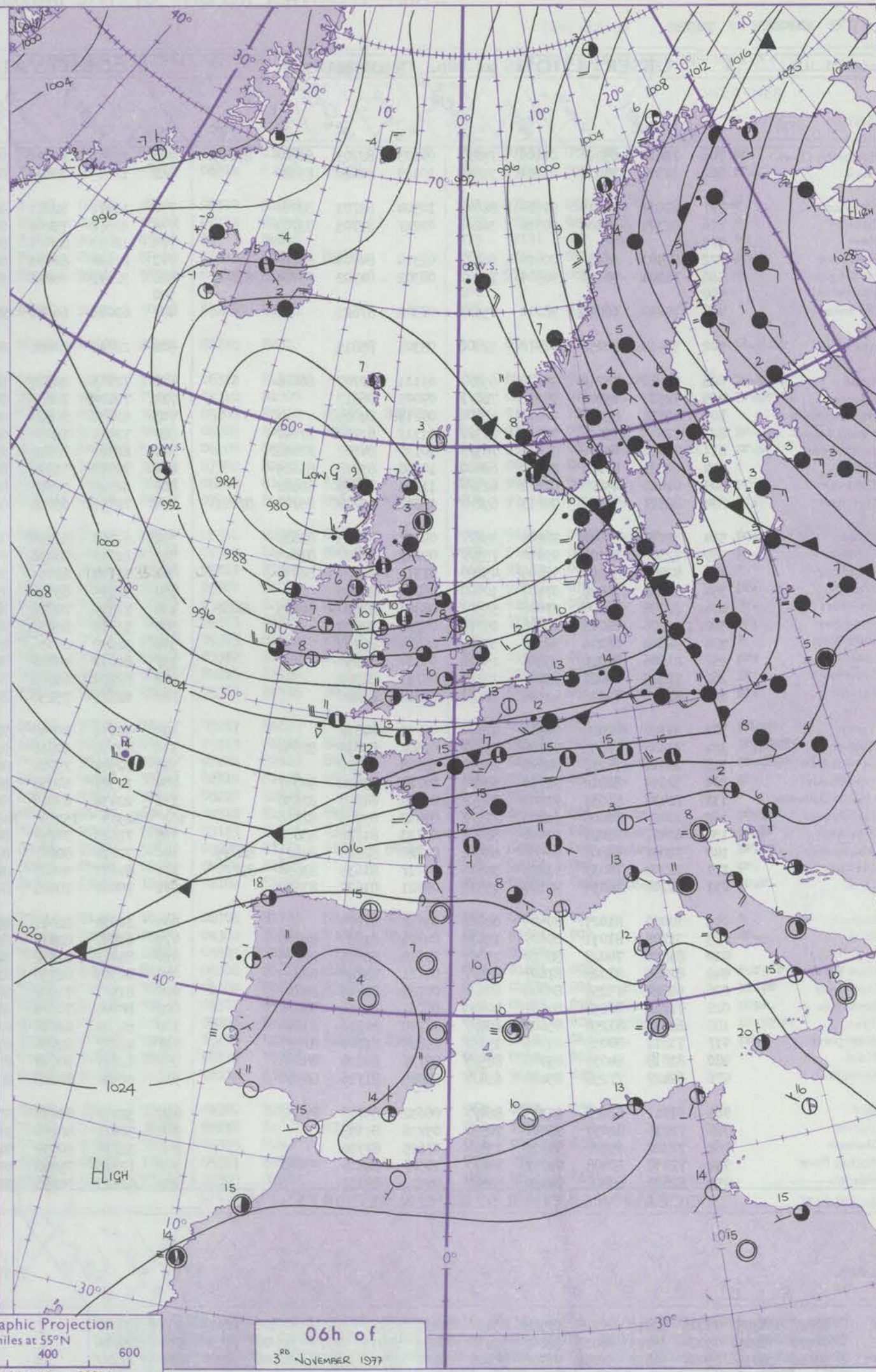
Code FM II.V		OBSERVATIONS at 12h. 2 NOVEMBER 1977										OBSERVATIONS at 18h. 2 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</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	RR T E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	82409	83606	03612	5842/	09014	81712	84656	88458	746	81606	18596	99209	6702/	09828	86700	88530		746	05131	002	r.ir.		ir.dr.dr.dd.r.		
Hurn	862	82409	84612	04613	2542/	11112	81710	88556		862	80000	20516	99211	870//	11733	83701	87702	88704	862	05131	000	r.r.		d.r.r.dr.dd.d.		
Manston	797	72714	82036	02813	21471	09351	82818	86359	86362	797	82108	56636	01311	5532/	10818	81706	85640	88556	797	04141	008	+		r.rd.dr.rdd.r.		
Gatwick	776	72514	82022	02613	31578	10119	83822	86461		776	81804	18596	00311	6722/	10723	83703	85706	88556	776	06142	008	r.		r.d.r.dr.dd		
Kew	775	72508	80025	02714	2847/	09124	81818	86360		775	81803	60606	00011	5742/	10722	82710	85718	88530	775	05142	005	pr.d.		d.r.r.r		
Heathrow	772	72510	82021	02914	5857/	10025	82824	83656	85364	772	81704	60618	00311	5542/	10723	81712	85618	88458	772	05152	001	pr.r.		r.r.r.dr		
Honington	586	72619	60016	00411	2647/	08043	82714	87359		586	82106	60612	99611	8082/	09718	88457			586	01121	001	+		r.r.r		
Wattisham	590									590										590						
Gorleston	497	82928	60026	99411	855//	08255	88625			497	61808	60212	00111	65500	09712	86625			497		001					
Aberporth	502	82407	89028	02211	2847/	08003	82815	88465		502	82108	62612	99408	5732/	07708	85708	88530		502	03111	000	pr.ir.		ir.r.r.		
Filton	628	82610	75022	03012	4847/	09112	82813	83630	88462	628	82402	63616	98810	7522/	10725	81705	83713	86628	628	05121	000	r.r.ir.		r.r.r.dr.dr		
Rhoose	715	82611	80808	03012	6847/	09010	84817	86638	88359	715	82603	45588	99310	853//	09619	82707	84615	88635	715	05121	000	pr.r.r.r.d.r.		d.r.dr-r.r.d.		
Hartland Point	703	82818	74258	02812	884//	10002	85815	88635		703	80000	64606	99610	853//	10513	86706	88625		703	07122	000					
Mount Batten	827	82507	58606	04512	5842/	11001	82712	88459		827	83502	30516	99511	7702/	11719	83700	85704	86325	827	06131	000	r.r.d.r.dr		dr.d.d.d.r.		
St. Mawgan	817	82809	50588	04211	6722/	10803	83703	86707	88460	817	82606	08586	00211	870//	11610	88700			817	07122	000	d.r.d.r.dr		drfr		
Silly	804	82604	40536	04112	873//	11703	88708			804	82811	50616	01411	872//	11306	88703			804	11122	000	dr		r.r.		
Culdrose	809	82708	15588	04611	851//	11608	84702	86708	88612	809	82902	08636	00111	870//	11612	81701	83702	88704	809	10122	000	pr.ir.r.r.		pr.dr.d.r.r.r.		
Guernsey	894	82311	18586	06812	870//	12804	83701	85702	87704	894	82432	58206	03815	862//	14505	84705	87706		894	04151	001	r.r.dr.d.fdr		d.r.d.d.d.r.		
Elmdon	534	82408	66022	01111	5842/	09015	83815	84630	88462	534	81904	58632	98810	5542/	09716	81710	85629	88556	534	02121	000	r.		r.r.r.r.		
Cardington	559	72713	75026	02012	5853/	10233	83820	84645	87359	559	82108	62636	99311	855//	11819	83625	88638		559	06131	004	+		ir.r		
Wittering	462	72713	64025	01111	1647/	09131	81712	86359	87464	462	82207	58616	99310	855//	09715	88630	88550		462	07121	000	+		r.r.		
Watnall	354	82407	50052	00610	6542/	09121	83712	86640	88459	354	82402	45602	98709	856//	08714	88639			354	01111	000	+		r.r.r.r.		
Shawbury	414	82509	81022	00911	884//	08010	82819	84624	88635	414	81904	66636	98509	5542/	08615	81712	84630	88556	414	03111	000	+		r.r.r		
Finningley	360	82711	65022	99511	55607	08120	83630	83650	88270	360	82303	62602	98009	6562/	07715	86638	88462		360	96111	000	+		r.r.ir.		
Spurn Point	396	72815	62026	98510	5857/	08247	83820	85630	87360	396	82309	58022	98410	4557/	09708	84625	88460		396					ir.r.r.		
Leeming	257	62407	75022	98711	55532	07213	82620	83630	85070	257	81605	75032	97309	3562/	07811	83630	88462		257	92111	000	+		r.		
Tynemouth	262	72710	61026	97411	756//	08308	87630			262	72302	69022	96709	1567/	06609	81630	87358		262	00111	006	+		+		
Carlisle	222	62607	75036	97910	685/2	08215	83820	86640		222	62402	70022	96308	38472	06709	81715	85360		222	94121	042	r.		pr.		
Valley	302	72811	83012	00411	3141/	07005	83815	87465		302	82814	70636	97510	6542/	07613	82614	86630	88459	02	01111	000	+		ir.r.r.r.r		
Ringway	334	72610	58606	00410	753//	09114	82707	85620	87640	334	81903	56606	98009	4847/	08817	82816	84635	88459	334	02111	001	d.r.r.r.		r.r.r.		
Squires Gate	318	72910	78038	99511	5842/	09012	81818	84628	87464	318	82410	75602	97310	4852/	08713	82820	84630	88460	318	03111	000	+		r.r		
Ronaldsway	204	72806	84031	99509	28576	06109	82822	85465	87272	204	72409	84012	96509	4853/	04716	82823	83650	87359	204	00101	001	+		+		
Mull of Galloway	131	22910	84010	98910	18530	08208	81825			131	62415	83011	95909	685//	05716	83825	84630		131	00101						
Eskdalemuir	162	72608	75036	98009	734//	05215	83918	84820		162	52207	70252	96106	32431	04709	81715	83820		162	92101	025	+		pr.		
Prestwick	135	52507	81158	97810	48442	06106	82816	83640		135	41908	60048	95406	28532	04709	81825	83075		135	92111	048	pr.		+		
Abbotsinch	140	42707	82036	96911	48540	07003	83822			140	72005	60038	94708	685/2	05709	81820	86630		140	92111	041	ir.pr.		+		
Leuchars	171	12509	75011	96110	18400	06801	81811			171	62105	70031	94805	58502	04608	81820	85645		171	00111	059	+		+		
Dyce	091	40000	86011	95610	48540	05004	81820	84638		091	71802	60041	94205	35634	04609	83635	85072		091	00111	039	+		+		
Lerwick	005	61413	82021	93609	58431	07713	82710	83816		005	7															



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







During the past 24 hours a depression to the south of Iceland moved slowly eastwards towards Scotland, whilst a low over eastern England moved away northeastwards over the North Sea. During the late afternoon and evening a frontal wave moved rapidly across south coast districts

of England, and during the night a trough moved east over Ireland and the Irish Sea. During the next 24 hours the depression off western Scotland is expected to move steadily northeastwards whilst the fronts associated with a new low forming in mid-Atlantic move eastwards to Ireland.

Issued at midday THURSDAY 3 NOVEMBER 1977



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

OBSERVATIONS at 00h. 3 NOVEMBER 1977										OBSERVATIONS at 06h. 3 NOVEMBER 1977										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> TE	T <sub>g</sub> T <sub>g</sub>	WEATHER		
																						21h.--03h.	03h. --09h.	
Boscombe Down	746	72410	65026	01109	752//	09123	82703	86708	87615	746	22213	82018	99909	15501	07708	81620			746	91081	06	pr.	+	
Hurn	862	32307	75016	01211	15530	10119	81620	83359		862	12313	82028	00911	18400	09805	81818			862	93111	09	d.d.rpr.	pr.	
Manston	797	82807	40215	99510	860//	10324	82701	88702		797	11911	82021	00709	15771	08804	81650			797	03081	03	d.r.rRdrdr	+	
Gatwick	776	52305	58106	00310	36201	09227	81705	83709		776	22312	75201	00310	25400	09808	82618			776	96081	05	dd.rdr.	d.	
Kew	775									775	12213	82021	99211	15500	09809	81620			775	93091	04	r.	+	
Heathrow	772	82403	56036	00010	862//	09314	84704	88705		772	22112	82031	99710	25500	09804	82626			772	93091	06	dr	pr.	
Honington	586	72304	56106	98309	751//	08302	84702	85704	87630	586	32113	68011	97709	25630	07706	82645			586	93091	07	r.r.	pr.	
Wattisham	590									590									590					
Gorleston	497	70000	66022	98210	755//	08302	87625			497	62013	66021	97509	6093/	08709	86358			497					
Aberporth	502	52414	70256	97910	52400	08301	85815			502	22725	80016	96810	21500	04310	82820			502	03081	07	r.r.rpr	r.r.jp	
Filton	628	62210	75216	99710	653//	09111	82707	86626		628	72415	80801	98010	784//	08814	83815	84630	86642	628	02091	07	d.r.rR	pr.pr	
Rhoose	715	72517	65808	99212	784//	09005	86817			715	72424	70808	97911	784//	08609	81710	84817	87643	715	02101	08	pr.pr	pr.	
Hartland Point	703	42832	85016	00212	48400	09213	84815			703	82834	80818	98611	884//	10503	84815	88640		703	04101	09			
Mount Batten	827	72513	75036	02513	753//	11112	81708	87647		827	72521	75031	02013	785//	09704	83823	87636		827	00111	09	+	+	
St. Mawgan	817	72412	65256	02511	783//	10110	84707	87632		817	62522	70258	01711	684//	09803	82810	85630		817	03101	08	pr.	pr.	
Scilly	804	62622	82028	03112	68400	10206	83818	85625		804	72730	71818	02911	784//	09303	84818	86623		804	01101	09	pr.	pr.	
Culdrose	809	62618	65808	02412	623//	11004	82708	86812		809	82822	58808	02611	881//	10501	82702	85816	88620	809	02102	09	pr.	pr.	
Guernsey	894	82527	57636	04713	852//	13311	82704	85707	87611	894	72716	65016	04913	753//	12302	82706	84709	86615	894	03121	11	d.r.rR	r.r.ir.	
Elmdon	534	82111	59046	98209	852//	08207	82705	88626		534	62116	82036	94709	656//	07720	86633			534	02081	06	r.	r.rR	
Cardington	559	72306	56106	99010	753//	09217	83707	87615		559	62217	80036	97509	12538	09809	81820	86275		559	96081	07	r.r.	ir.pr.pr	
Wittering	462	42206	56106	98408	45200	07311	82704	84650		462	12118	81011	96008	00902	07713	81075			462	01081	06	+	r.	
Watnall	354	12107	70026	97407	10940	06000	81360			354	32115	65036	93808	35600	07713	83630			354	03061	02	r.-d.r.r.rR	r.R	
Shawbury	414	82008	66606	97008	5552/	08804	82620	84635	88460	414	72519	70818	94009	734//	07514	81918	83822	87630	414	02071	04	r.r.Rpr.	pr.pr	
Finningley	360	22206	68016	96306	25700	05704	82650			360	51914	65031	92109	55600	07728	85630			360	93061	01	r.r.r	r.	
Spurn Point	396	52604	68216	96109	5097/	06801	85360			396	31912	64016	93529	36570	08717	83360			396			r.r.	ir.pr.	
Leeming	257	21606	80026	95206	15730	05810	81650			257	81910	45626	90206	853//	05626	82708	88615		257	02051	01	r.	rpr.	
Tynemouth	262	12005	66021	93707	10930	05715	81360			262	82020	61626	88707	8062/	06731	88530			262	91061	03	+	ir	
Carlisle	222	31706	62018	93106	28532	04818	81820			222	62515	75256	87109	68400	06527	82712	83820	85630	222	03051	01	pr.	ir.rRpr.pr	
Valley	302	52320	80028	94511	42430	06711	84814			302	32632	80018	92710	32400	04320	83818			302	03091	05	pr.	pr.pr	
Ringway	334	71808	70036	96708	756//	07607	83630	87650		334	82218	60616	92809	855//	07518	84620	88650		334	01071	06	r.r.	r.r.r.	
Squires Gate	318	32014	75216	94809	28570	08808	81820			318	72524	75216	90710	785//	07518	83820	84635	86656	318	08071	05	r.	rRr.pr.	
Ronaldsway	204	52314	82012	92710	58500	06720	83822	84637		204	32527	80038	89309	32500	03301	83826			204	01091	05	pr.r.r.R	r.	
Mull of Galloway	131	72430	86031	91509	785//	06719	84820	87630		131	22434	83016	86808	21500	03503	82820			131	05017				
Eskdalemuir	162	70000	60606	92803	772//	03818	83705	87716		162	62319	75216	86206	624//	04529	83712	85820		162	07021	51	r.r.r.ir.	rrRpr.	
Prestwick	135	61807	75021	91006	58541	05723	81822	85650		135	72423	70258	84708	784//	03719	82815	87624		135	06051	03	pr.	pr.	
Abbotsinch	140	72007	62808	90507	685/1	04720	82820	84625	86635	140	72414	80218	83707	65531	04628	81625	85634		140	08061	05	pr.	r.r.rpr.	
Leuchars	171	72904	70031	91205	35606	03717	81635	83650	87275	171	81611	59621	84207	6542/	05741	82715	86622	88557	171	03011	52	+	r.r.rpr.	
Dyce	091	52204	86031	90104	15532	03821	81620	83360		091	70000	70021	84703	754//	03834	82615	86622		091	04011	53	+	pr.prR	
Lerwick	005	10000	81021	89503	00902	03714	81075			005	10000	82011	85203	11400	03725	81815			005	00033	52	+	ir	
Wick	075	51705	81031	89007	15632	04721	81630	84070		075	61307	82012	83907	15632	04724	81630	86072		075	00061	00	+	+	
Sule Skerry	010	81816	74028	88510	25507	07718	82625	88275		010	81412	81022	84008	25507	07722	82625	88275		010	97071	05			
Cape Wrath	049	82305	82028	87607	885//	04721	83820	88625		049	42305	82038	824											

OCEAN WEATHER STATION REPORTS at 00h.													OCEAN WEATHER STATION REPORTS at 06h.																
O.W.S.	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> L <sub>o</sub>	YYGGIw	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> CH	D <sub>s</sub> vsapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>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> L <sub>o</sub>	YYGGIw	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> CH	D <sub>s</sub> vsapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>
C	99527	70355	03001	82911	97028	09108	834//	00220	////	////	05106	10903	3//05	31/10	C	99527	70355	03061	82910	98021	11708	855//	00212	////	////	05204	10901	3//03	31/09
L	99570	70205	03004	33223	98018	88807	32430	00133	83815	////	0//00	11120	30807	99/06	L	99570	70204	03064	23025	99028	93306	29400	00122	82913	////	0//51	11112	30808	99/05
M	99662	10035	03004	51617	97031	95708	38405	00706	////	////	00106	10770	40505	////	M	99663	10034	03064	81424	97618	92508	4742/	00713	////	////	00106	10783	30505	////
R	99470	70168	03004	02720	97011	09514	00900	00306	////	////	0//09	11440	30704	////	R	99469	70165	03064	72725	97021	10514	785//	00210	81820	87640	0//11	11441	30705	////



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

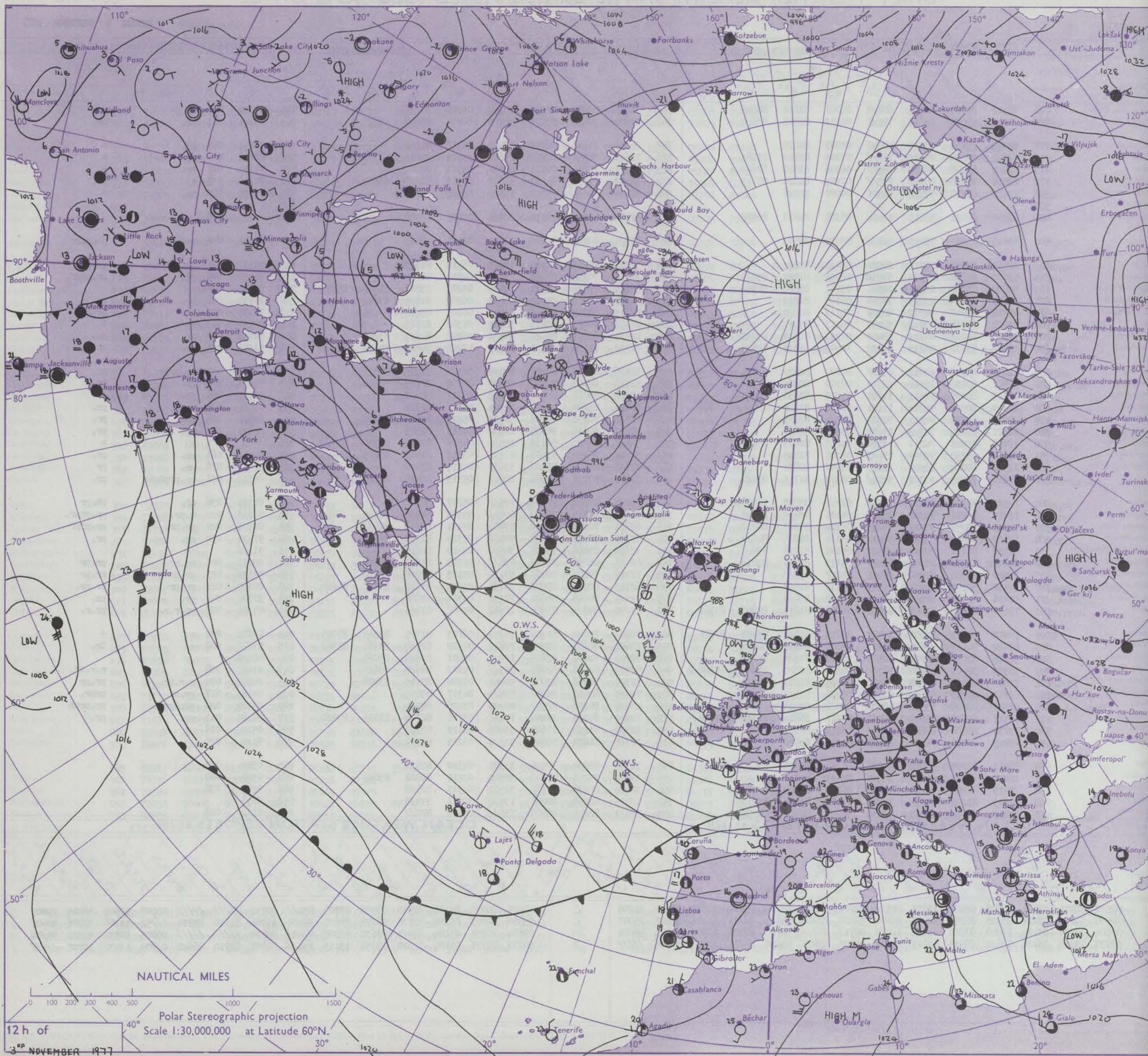
No. 42351

Date of Issue FRIDAY 4 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 3 NOVEMBER 1977									OBSERVATIONS at 18h. 3 NOVEMBER 1977									OBSERVATIONS during DAY				
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>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> ChC <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>	iii	RR	T <sub>E</sub>	SSs	WEATHER	
																							09h.—15h.	15h.—21h.
Boscombe Down	746	62512	80011	01511	684/2	06007	81818	86640		746	32512	82018	02509	15702	05209	81650			746	97131	030	JP	pr.	pr.
Hurn	862	72513	77038	02612	784//	09111	81818	83623		862	52610	70038	03310	58400	06214	81818	85625		862	93141	021	pr.	pr.	pr.
Manston	797	52318	75151	00715	48540	08001	84825			797	22311	81018	01910	28401	08310	81818			797	97151	050	pr.	pr.	+
Gatwick	776	72612	81258	01512	785//	07003	82822	87645		776	12611	80011	02709	15600	05313	81645			776	97141	024	pr.	pr.	+
Kew	775	72415	81028	00713	785//	06106	81820	87640		775	42411	75011	01911	45600	05313	84640			775	97131	047	pr.	pr.	+
Heathrow	772	72414	75028	00913	785//	07205	81820	87645		772	52409	70031	02210	58500	06313	81825	85632		772	97141	039	+	pr.	pr.
Honington	586	22418	83018	98212	21501	04007	82826			586	52314	82021	99310	55700	05306	85650			586	97131	069	pr.	pr.	+
Wattisham	590									590									590					
Gorleston	497	62318	66021	98013	42401	06208	84818	86075		497	32310	66031	99211	30930	05209	83358			497		078			
Aberporth	502	62619	75251	99411	52432	05010	85818			502	32824	81018	00809	28431	02215	82818			502	01111	034	pr.	pr.	ph.r.pr
Filton	628	22714	75258	00812	28500	06113	82825			628	32711	75258	02209	12563	06312	81822			628	04121	046	pr.pr	pr.pr	pr.prpr
Rhoose	715	52617	69258	00711	53530	06110	81922	83825		715	22716	70258	01610	29530	04310	81920			715	02131	046	pr.	pr.	pr.prpr.
Hartland Point	703	52830	85258	01211	22531	05111	82820	84360		703	72820	77032	02311	32589	05208	83820	85360	85175	703	93120	032			
Mount Batten	827	32819	70018	03813	38500	06109	82823			827	52715	75028	04911	38431	06209	81815	83640		827	97131	037	pr.	pr.	pr.
St. Mawgan	817	42718	81018	04012	48500	05111	82820			817	52715	80258	04810	52400	06208	85818			817	95131	040	pr.	pr.pr	pr.
Scilly	804	32723	82018	05112	38400	06212	83819			804	42622	70011	05611	38402	07302	82817			804	00131	045	+	+	+
Culdrose	809	52816	70018	04612	58400	07211	81710	83818		809	42814	68021	05610	39431	06208	81915	83820		809	94131	040	pr.	pr.	pr.
Guernsey	894	52521	81031	06413	58432	10205	81816	85625		894	72722	81258	07311	784//	07207	84818	85628	87645	894	91141	036	pr.	pr.	pr.
Elmdon	534	62418	66806	98012	635//	04009	82922	83825		534	52416	68258	99209	48530	04311	82825	84630		534	96131	053	pr.prpr.	pr.prpr.	pr.
Cardington	559	52518	80038	99112	52500	08109	85825			559	52418	68018	00109	25630	07310	82635	84360		559	91131	062	pr.	pr.	pr.
Wittering	462	42523	82036	97611	31601	05010	83830			462	12316	80018	98708	15632	05211	81640			462	91121	066	pr.	pr.	+
Watnall	354	12419	80016	95811	11501	04108	81828			354	22414	65250	97408	22503	05307	82820			354	92121	074	+	pr.	pr.
Shawbury	414	42620	78038	96712	32501	05004	83825			414	62718	70258	98207	59402	05214	82915	83825		414	92121	068	pr.	pr.	pr.
Finningley	360	22521	81026	94212	21601	03109	82830			360	32412	80018	96008	12562	04313	81825			360	97131	075	pr.	pr.	pr.
Spurn Point	396	22420	75028	94211	11570	04213	81825			396	32410	68020	96110	25570	04315	82625	83360	85362	396			+	+	+
Leeming	257	22624	65258	90909	29403	05302	81915			257	52614	65258	93508	49533	03312	81922	83825		257	01111	061	pr.	pr.	pr.
Tynemouth	262	22524	69028	88310	21600	03000	82830			262	42717	80258	91309	33630	04215	83930			262	92111	070	pr.	pr.	pr
Carlisle	222	62616	70258	90009	5844//	06220	81715	83820		222	72713	75028	92008	29442	05313	81918	86072		222	01111	031	pr.prprprHR	pr.prprHR	pr.
Valley	302	72530	75021	95711	32532	07212	83820	86360		302	72725	81038	97709	785//	05217	86820			302	01121	036	ph.	ph.	ph.pr
Ringway	334	72415	75216	95810	785//	04109	82825	87640		334	72413	62818	97309	6947//	05313	84916	84650		334	92111	022	r.pr.	pr.pr	pr.prpr.
Squires Gate	318	72523	75258	93910	58452	08214	81717	84820		318	62721	70808	95110	59402	07214	82918	84822		318	02121	020	pr.pr	pr.pr	pr.prpr
Ronaldsway	204	62627	80011	92611	58532	05114	81823	84827		204	62720	80258	94909	59502	02314	81920	85828		204	97121	030	pr.	pr.	pr.
Mull of Galloway	131	52530	70151	89910	49430	05108	81915	83820		131	32720	83018	93507	38500	03219	82825			131	91101				
Eskdalemuir	162	62118	75258	88807	634//	05115	83916	83818		162	62417	68258	91405	634//	02318	81917	84820		162	05071	001	pr.pr	pr.pr	pr.pr
Prestwick	135	62522	70038	87810	58501	05217	85820			135	72722	70808	90807	59462	03123	82915	83630		135	05101	023	pr.pr	pr.pr	pr.pr
Abbotsinch	140	32412	80258	86410	29403	05119	81918			140	62712	80258	89007	59433	03224	81712	81918	84640	140	02102	022	pr.pr	pr.pr	pr.pr.
Leuchars	171	52516	82038	84310	38532	04209	83820			171	22321	80018	85607	19532	04304	81920			171	97101	049	pr.	pr.	pr.
Dyce	091	72605	82028	82407	48432	04204	81815	84640	85360	091	22205	84018	83505	18562	02102	81825			091	01101	028	pr.r.r.	pr.r.r.	pr.r.
Lerwick	005	70000	80021	82207	11472	06715	81814	83461	87075	005	72807	75022	81106	16272	06703	81705	83362	87075	005	00071	000	+	+	+
Wick	075	62902	84031	81804	18432	03606	81818	86072		075	72602	80602	82205	25672	04302	82630	83360	85362	075	91071	000	+	+	ir.
Sule Skerry	010	51606	82031	82709	12505	07500	81820	85275		010	30000	74021	82608	12501	05501	81820	83075		010	00100				
Cape Wrath	049	52305	82021	81608	3857//	04304	81820	83625	85360															



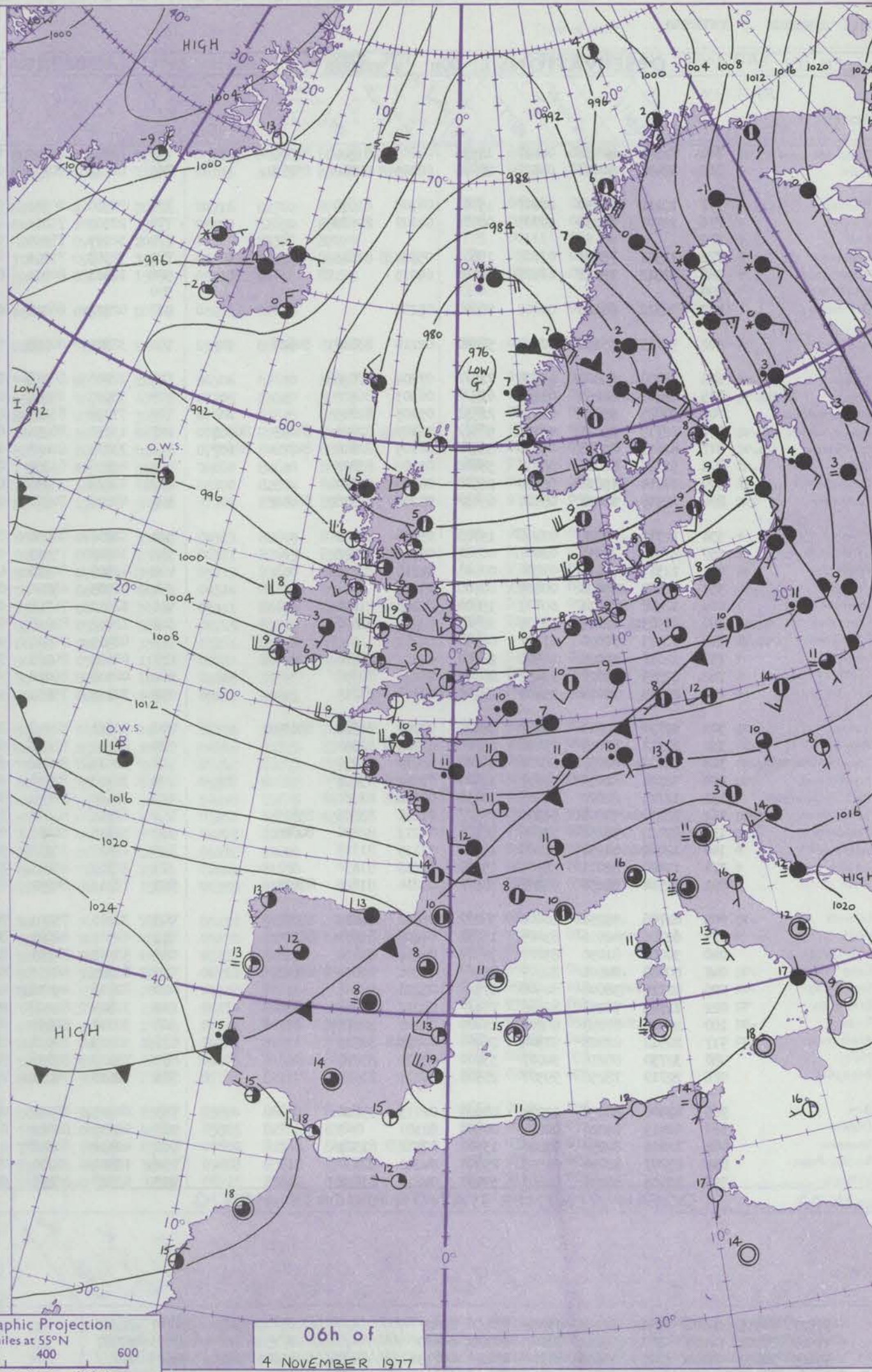
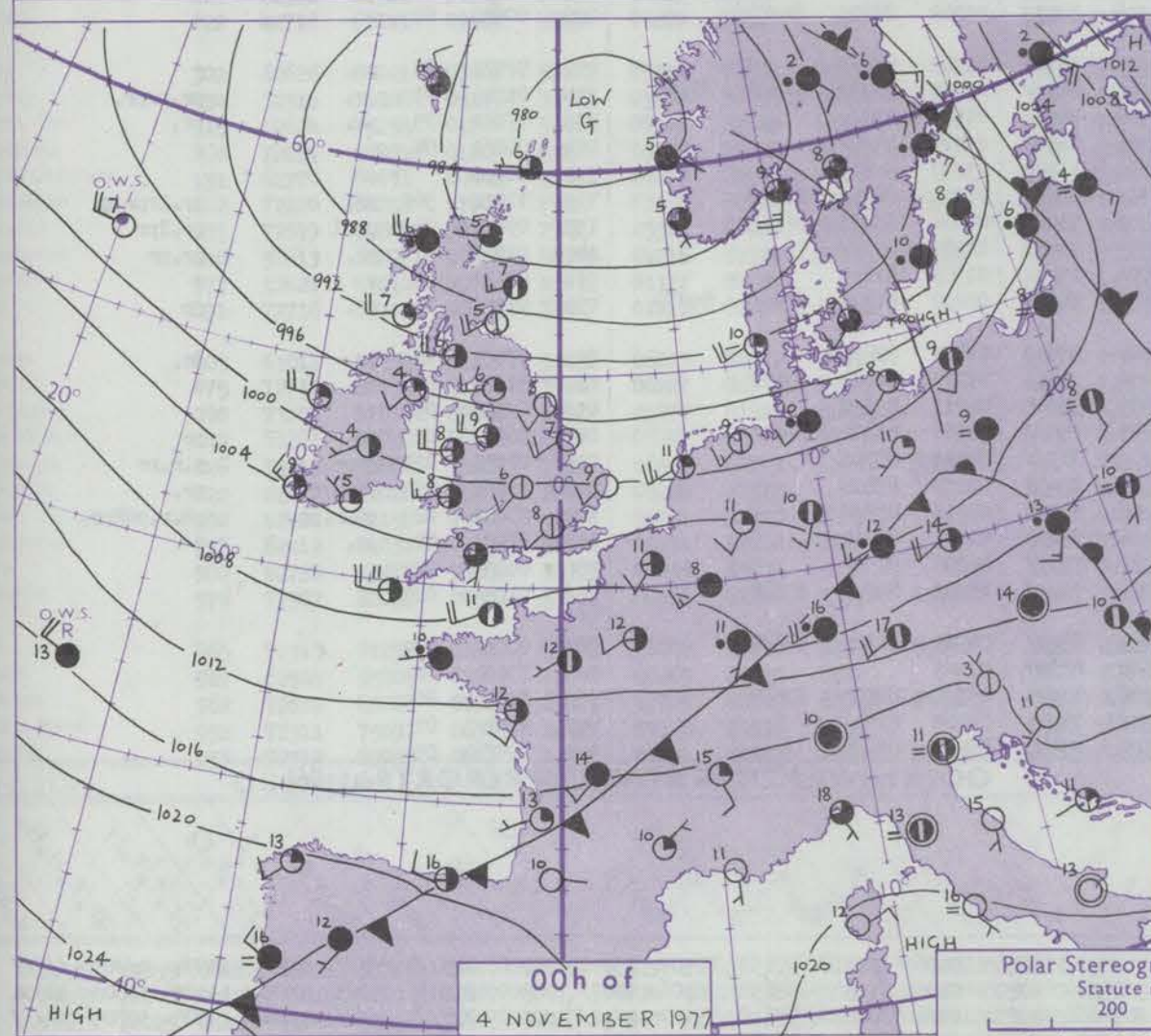
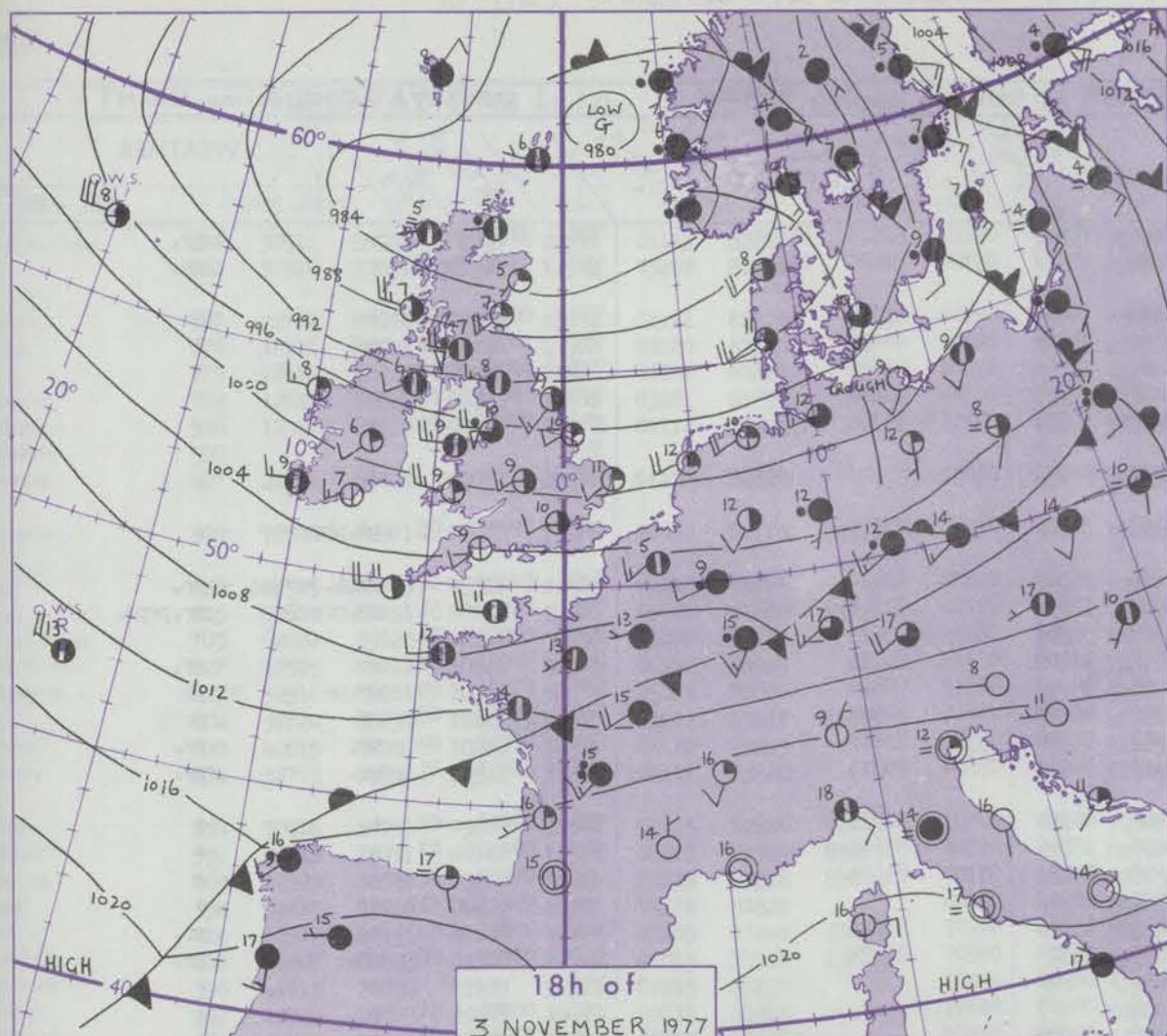
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# CHARTS OF WEATHER IN WESTERN EUROPE



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 depression moved northeast from northwest Scotland into the Norwegian Sea and a strong west to southwesterly airstream was maintained over the British Isles. During the next 24 hours a developing low in mid-Atlantic is expected to move east

towards western Ireland and deepen. The associated frontal system will swing quickly east into southwestern parts of the British Isles while a strong westerly airstream is maintained over eastern Britain and the North Sea.

Issued at midday FRIDAY 4 NOVEMBER 1977



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

OBSERVATIONS at 00h. 4 NOVEMBER 1977										OBSERVATIONS at 06h. 4 NOVEMBER 1977										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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> H	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> E	T <sub>g</sub> T <sub>g</sub>	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	72506	82031	04407	18536	04205	81820	83362	87275	746	72906	82252	05206	784//	05310	82815	85630		746	97061	03	+	pr.		
Hurn	862	52409	80038	04909	20931	06105	82360	85075		862	62510	80038	05307	2853/	05304	81820	85358		862	91061	03	+	pr.		
Manston	797	12212	80030	04207	15701	04108	81650			797	22310	80021	04106	18431	04500	81815			797	00051	02	+	+		
Gatwick	776	22407	70030	04705	00902	04107	82075			776	22103	75011	04405	15702	05302	81650			776	00031	52	+	+		
Kew	775									775	52105	75021	04007	55700	05303	85656			775	00061	00	+	+		
Heathrow	772	12311	75028	03708	15601	05004	81645			772	32308	75011	04107	25732	06304	82650			772	00071	04	+	+		
Honington	586	02312	75021	01907	00900	04213				586	12311	80011	02306	10931	04301	81361			586	00050	03	+	+		
Wattisham	590									590									590						
Gorleston	497	02312	66020	01609	00900	05205				497	02312	66010	01907	00900	05002				497						
Aberporth	502	52613	75258	02908	58400	02210	83818	84626		502	32921	80028	04107	38500	02211	82820			502	92071	05	pr. pr.		+	
Filton	628	72409	60808	03508	725//	07204	87826			628	22706	80018	04506	25600	05309	82640			628	02051	01	<del>pr</del> pr		pr.	
Rhoose	715	62809	64258	03208	625//	06303	86825			715	33103	68018	04706	38401	04214	81818	83640		715	05041	51	pr. pr.		pr. pr.	
Hartland Point	703	32825	85028	03710	22531	05105	82825			703	53008	85021	05109	52500	04311	85825			703	03090	06				
Mount Batten	827	72715	75021	05911	5853/	06102	82822	84645	86363	827	13110	80251	06808	11500	06312	81825			827	97071	02	+		pr.	
St. Mawgan	817	82613	75818	05910	884//	06105	82818	84820	88650	817	33014	82018	06909	38500	04313	82820			817	01071	05	pr. pr		pr	
Scilly	804	52722	82011	06911	58400	05102	83817			804	42818	62258	08309	42400	05214	84817			804	94091	06	pr		pr	
Culdrose	809	22814	75018	06310	22500	06000	82822			809	33208	75038	07907	32500	05312	83820			809	02071	04	pr.		pr.	
Guernsey	894	72518	80038	08111	6843/	08202	82818	86640		894	62620	70808	08110	624//	08204	86815			894	01091	07	pr.		pr.	
Elmdon	534	12312	82028	01106	15700	03006	81650			534	12211	80030	02405	00901	02307	81075			534	00041	02	+		+	
Cardington	559	22414	75031	02407	00902	06310	82075			559	32412	75021	03205	35700	05306	83656			559	00051	02	+		+	
Wittering	462	22311	75010	01206	00901	04216	82075			462	12309	80030	02005	15701	03304	81650			462	00041	02	+		+	
Watnall	354	02309	65028	00205	00900	03213				354	02305	65020	01303	00900	02206				354	97021	51	+		+	
Shawbury	414	12408	75011	00703	15600	02113	81640			414	12611	76028	01803	15600	02207	81645			414	97021	53	+		pr.	
Finningley	360	21903	82018	98805	28500	02214	82826			360	12512	81018	99805	18500	02209	81825			360	01041	00	pr.		pr.	
Spurn Point	396	02419	70020	97707	00900	04211				396	02415	70010	99406	00900	03207				396			+		+	
Leeming	257	22617	80028	96506	28600	02211	81830			257	02618	80021	97106	00900	01001				257	00051	51	+		+	
Tynemouth	262	22515	69020	93407	20930	01212	82358			262	02518	80020	94306	00900	01203				262	00051	02	+		+	
Carlisle	222	22615	70021	95106	28400	04218	81715			222	52715	75031	96106	28530	03209	81821	84359		222	00051	02	+		+	
Valley	302	52720	82011	00108	58500	03109	81820	85630		302	32821	82018	01307	38500	02208	83820			302	97071	05	pr.		+	
Ringway	334	22312	80038	99406	25700	03208	82650			334	82710	58818	00605	884//	03005	82715	85820	88650	334	01041	03	pr.		pr. pr.	
Squires Gate	318	52722	82038	98009	58600	06214	84830			318	32821	84018	99309	38500	05310	83827			318	97081	05	pr.		pr.	
Ronaldsway	204	32724	82031	97707	32500	03211	83826			204	32723	81030	99006	38500	03207	83822			204	00061	04	+		+	
Mull of Galloway	131	12725	82020	95907	10930	03010	81360			131	22625	84030	97706	11530	03209	81825			131	00050					
Eskdalemuir	162	72330	59808	94303	783//	01216	83707	85819		162	62315	62818	95102	624//	01008	84711	86820		162	11022	50	pr.		pr. pr. pr.	
Prestwick	135	52722	70258	93506	58500	01213	82820	84645		135	52725	68058	94405	53400	04304	83916	85858		135	09052	02	pr. l		pr. lpr	
Abbotsinch	140	12408	80258	91704	19400	02115	81918			140	12610	70258	92705	19400	02306	81918			140	01041	01	pr.		pr. pr	
Leuchars	171	12420	82011	88705	15602	01218	81630			171	22319	83011	89704	15632	01307	81645			171	00031	52	+		+	
Dyce	091	72514	80258	85307	785//	01214	81825	87648		091	72211	84022	86805	58632	01210	81830	85650	85070	091	97041	03	pr.		jp	
Lerwick	005	62706	75251	80606	38472	05601	82815	85361		005	32611	75201	79906	38400	05801	82815			005	97051	02	pr.		ir.	
Wick	075	62706	82016	83005	15632	04204	81632	86075		075	42512	82021	84204	28432	03207	81818	83072		075	91031	02	ir.		+	
Sule Skerry	010	30000	81030	83207	38501	06102	81820			010	53403	74801	84807	52500	06211										

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 00h.



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

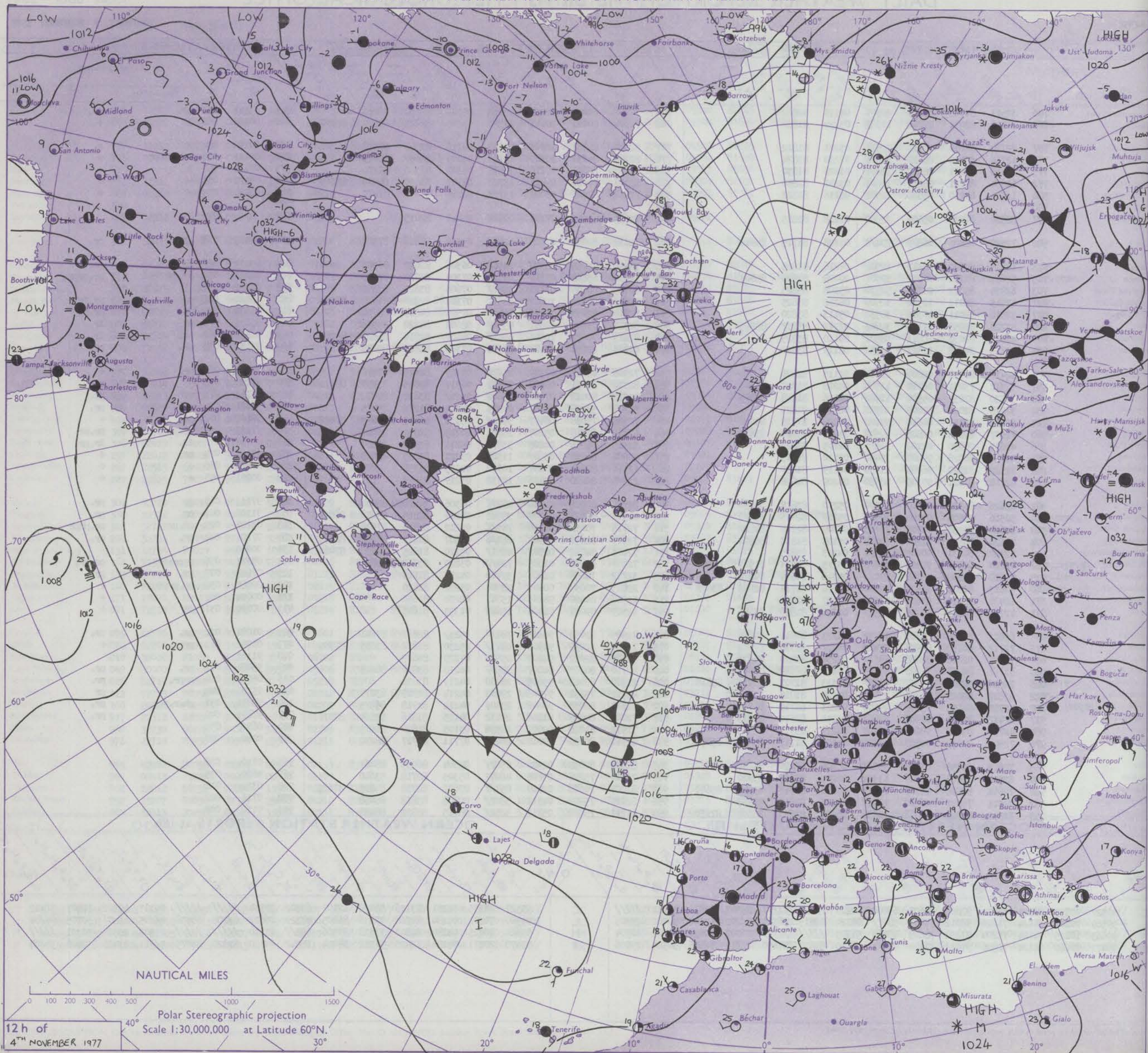
No. 42352

Date of Issue SATURDAY 5 NOVEMBER 1977

Code FM II.V	OBSERVATIONS at 12h. 4 NOVEMBER 1977										OBSERVATIONS at 18h. 4 NOVEMBER 1977										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 T + E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	32511	84038	08711	22501	04119	82822			746	72208	80028	10007	4571/	05304	84650	86465		746	93111	067	pr.	pr.		
Hurn	862	32516	82031	09712	11502	03222	81820			862	72308	80021	10611	11576	06205	81825	83360	87270	862	00130	069	+	+		
Manston	797	22714	84010	07611	12531	03221	81822			797	72008	82031	10907	20938	04216	82360	87270		797	00110	084	+	+		
Gatwick	776	12716	85021	08210	12501	02220	81824			776	82209	84031	10309	1577/	05209	81650	88465		776	00111	066	+	+		
Kew	775	12410	82011	08010	11601	01221	81830			775	72108	82021	09710	20978	04309	81360	87270		775	00111	062	+	+		
Heathrow	772	12614	81021	08211	11601	03221	81830			772	82108	70021	09811	15727	05207	81650	84460	88275	772	00121	060	+	+		
Honington	586	12516	84010	05510	11502	02116	81822			586	72212	82021	08008	15738	02219	81650	87275		586	00110	073	+	+		
Wattisham	590									590									590						
Gorleston	497	22520	66020	05009	22500	01218	82825			497	22015	66010	07709	00902	03211	82075			497		076				
Aberporth	502	72520	62801	06809	794/2	04108	81715	84918		502	72112	82038	07108	6247/	05302	86818	87360		502	01111	038	pr.	pr.		
Filton	628	12513	80020	08311	12502	04216	81825			628	72410	75258	08909	2456/	06306	82620	86359		628	95111	061	pr.pr	pr.		
Rhoose	715	52613	81151	08012	59501	04009	81920	85824		715	72214	65808	08310	695/2	07205	83920	87075		715	02121	057	pr.pr	pr.pr		
Hartland Point	703	62824	85022	08111	52530	05108	85825			703	62725	84808	07811	3257/	07604	83825	85360		703	01112	051				
Mount Batten	827	42515	88011	10512	32509	06212	83825			827	72616	81028	10612	48531	07302	82820	84629	87075	827	93121	061	pr	pr.ir.		
St. Mawgan	817	52516	86011	10312	38532	05113	83820			817	82010	82038	10110	42437	07501	84817	88270		817	01131	055	pr	pr.r.		
Scilly	804	52720	82038	11112	32402	07222	83817	83075		804	82321	75606	10312	4552/	08602	84620	88558		804	93131	073	+	ir.		
Culdrose	809	42615	80038	10811	38501	06110	83825			809	82615	70038	10511	6841/	08400	82814	86621	88461	809	96121	060	pr.	ir.		
Guernsey	894	32713	84038	12312	32532	08119	83820			894	62414	82258	13111	38502	07104	83820	85075		894	92131	058	pr.	pr.		
Elmdon	534	32416	80030	05809	21544	02115	82826	83070		534	72308	68028	07309	25678	04313	82645	87270		534	97111	064	pr.	+		
Cardington	559	52718	75031	06710	11504	04218	81820	85075		559	82312	80031	08509	25637	06311	82645	83359	88275	559	97111	075	+	r.		
Wittering	462	32520	81030	05509	11402	04116	81818	83075		462	52313	80018	07608	35602	05212	83630	84075		462	97111	075	+	pr.		
Watnall	354	32415	82020	04409	18531	02114	81825			354	52307	58058	06607	00905	04314	81272	85075		354	93101	059	pr.	pr.		
Shawbury	414	52317	80151	04610	59402	05208	81918	83820		414	72308	75038	08407	3542/	05311	81615	83645	87462	414	92101	052	pr.	+		
Finningley	360	72807	68808	02808	69542	04215	85920	83830		360	62310	68018	05207	28604	04215	81832	86080		360	91111	054	pr.pr	pr.pr		
Spurn Point	396	42613	70030	02109	31571	02215	83820			396	52515	66258	04808	3357/	05211	83920	85360		396			ir.	ir.pr.		
Leeming	257	12724	86028	99409	19400	00110	81915			257	52804	86038	03507	11502	03221	81825	85075		257	97101	074	pr.	+		
Tynemouth	262	22522	81020	96909	11630	00119	81830			262	12310	80020	01607	10940	02225	81358			262	00091	080	+	+		
Carlisle	222	42718	81021	99109	48530	04209	84824			222	22505	80020	02406	18532	03219	81825			222	00091	054	+	+		
Valley	302	62626	84021	03609	58402	05210	83818	84650		302	82521	80028	04410	4857/	06306	84820	88462		302	97111	018	jp	pr.		
Ringway	334	52516	70808	03109	39563	03209	82925	83070		334	62311	68258	05207	38542	04209	81825	83650	86070	334	91101	041	pr.	pr.		
Squires Gate	318	62624	75258	01709	59463	07109	82918	84822		318	72715	70038	04010	785//	07212	82825	87635		318	03101	025	pr.pr	pr.pr		
Ronaldsway	204	72624	84801	01209	624/2	05108	81818	86824		204	72613	82251	02909	684/6	05307	81819	83828	86645	204	97101	044	pr.	pr.		
Mull of Galloway	131	62720	84031	00408	51531	04213	85825			131	72415	84032	02308	4851/	02210	81825	84630	87460	131	00090					
Eskdalemuir	162	72220	68848	97905	794//	03115	82714	81917	85820	162	72107	81258	01805	724//	03220	83712	85823		162	03071	036	prpr	prpr.		
Prestwick	135	72619	59808	98107	794//	05316	84914	84820		135	32712	74258	01006	39400	04215	81914			135	07081	007	pr.	pr.		
Abbotsinch	140	52613	60808	96306	59400	04216	81714	82918	83822	140	22803	70038	00005	28504	03221	81820			140	02081	036	pr.pr	+		
Leuchars	171	12421	89010	83408	18532	01117	81820			171	12316	84020	98105	15741	02224	81650			171	00091	082	+	+		
Dyce	091	72716	89141	90708	7854/	01221	81820	87656		091	12309	89021	96406	15640	01333	81645			091	00091	031	jp	+		
Lerwick	005	63012	81258	84107	53432	06223	81912	84815		005	72909	82038	90207	784//	05232	82812	87641		005	01081	022	pr.	pr.		
Wick	075	72712	80158	88907	39462	06227	82916	87072		075	72508	82038	94906	4843/	05230	81818	83635	87359	075	01091	011	prpr.	+		
Sule Skerry	010	73207	82018	89808	685//	05230	81820	86625		010	52905	82012	94409	45530	07229	84625			010	91101					
Cape Wrath	049	53207	82028	90008	48570	05228	82820	84625		049	82710	80808	94007	885//	06218	83820	88625		049	95081	012	pr.	pr.		
Stornowayn																									

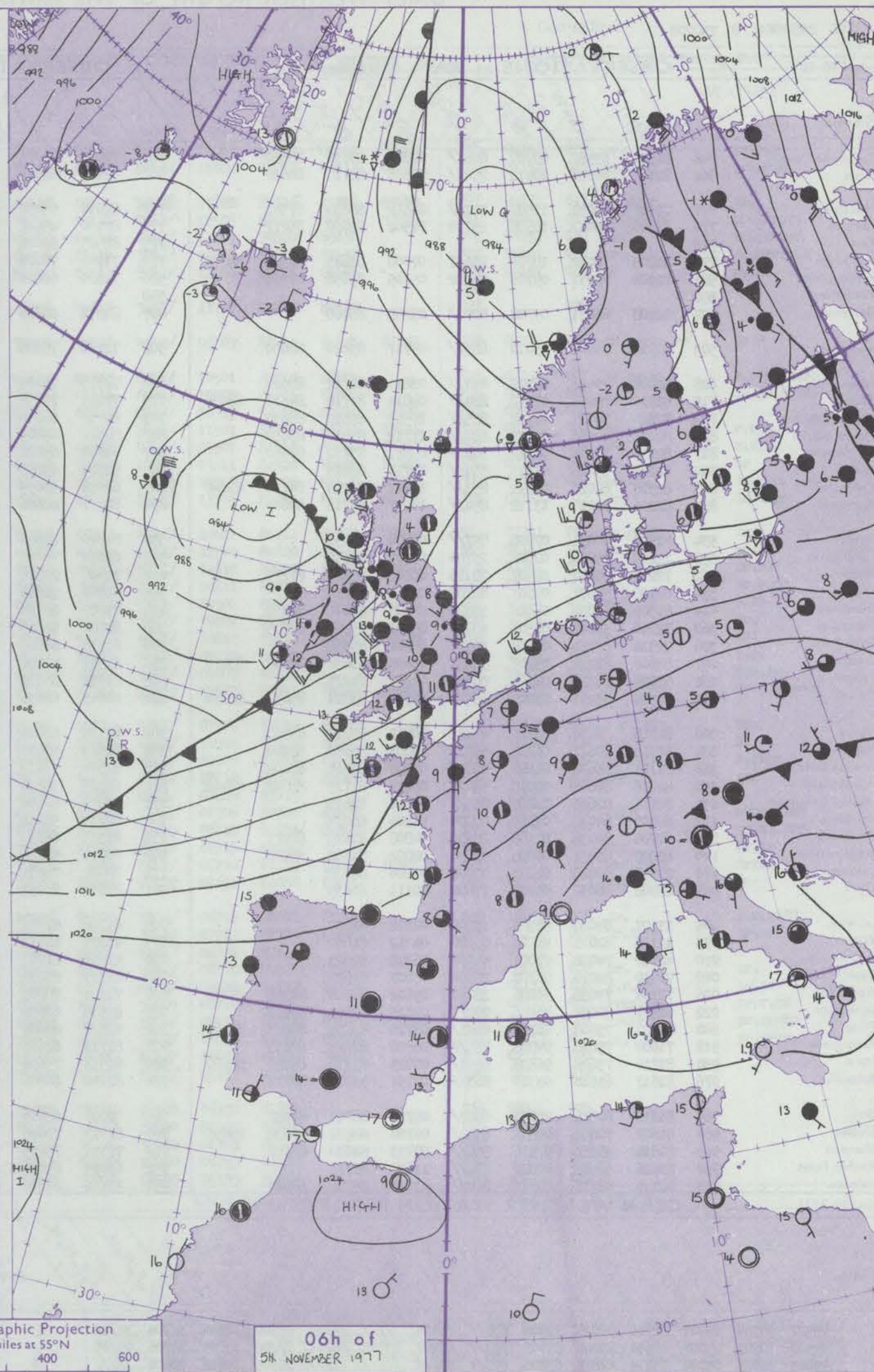
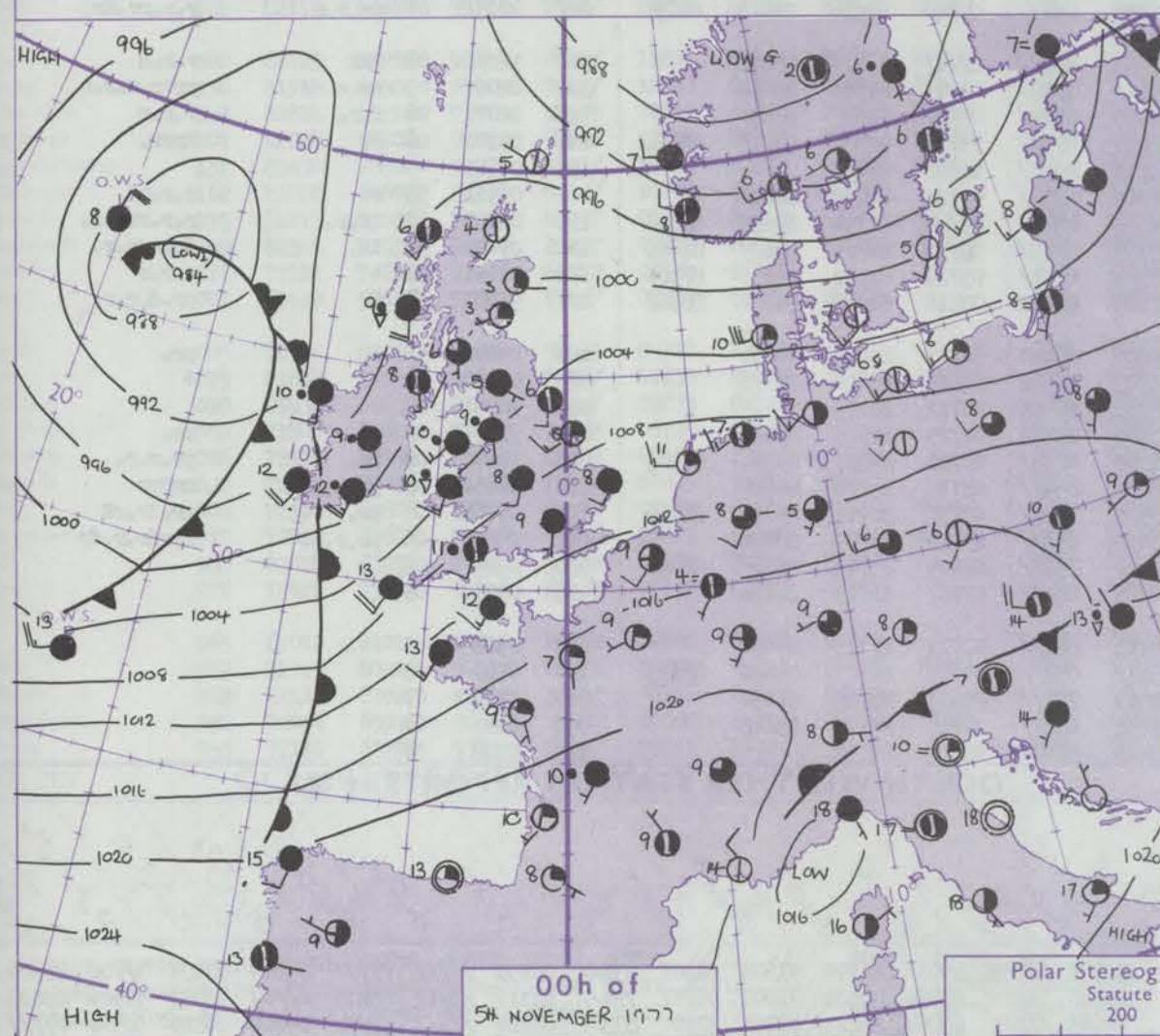
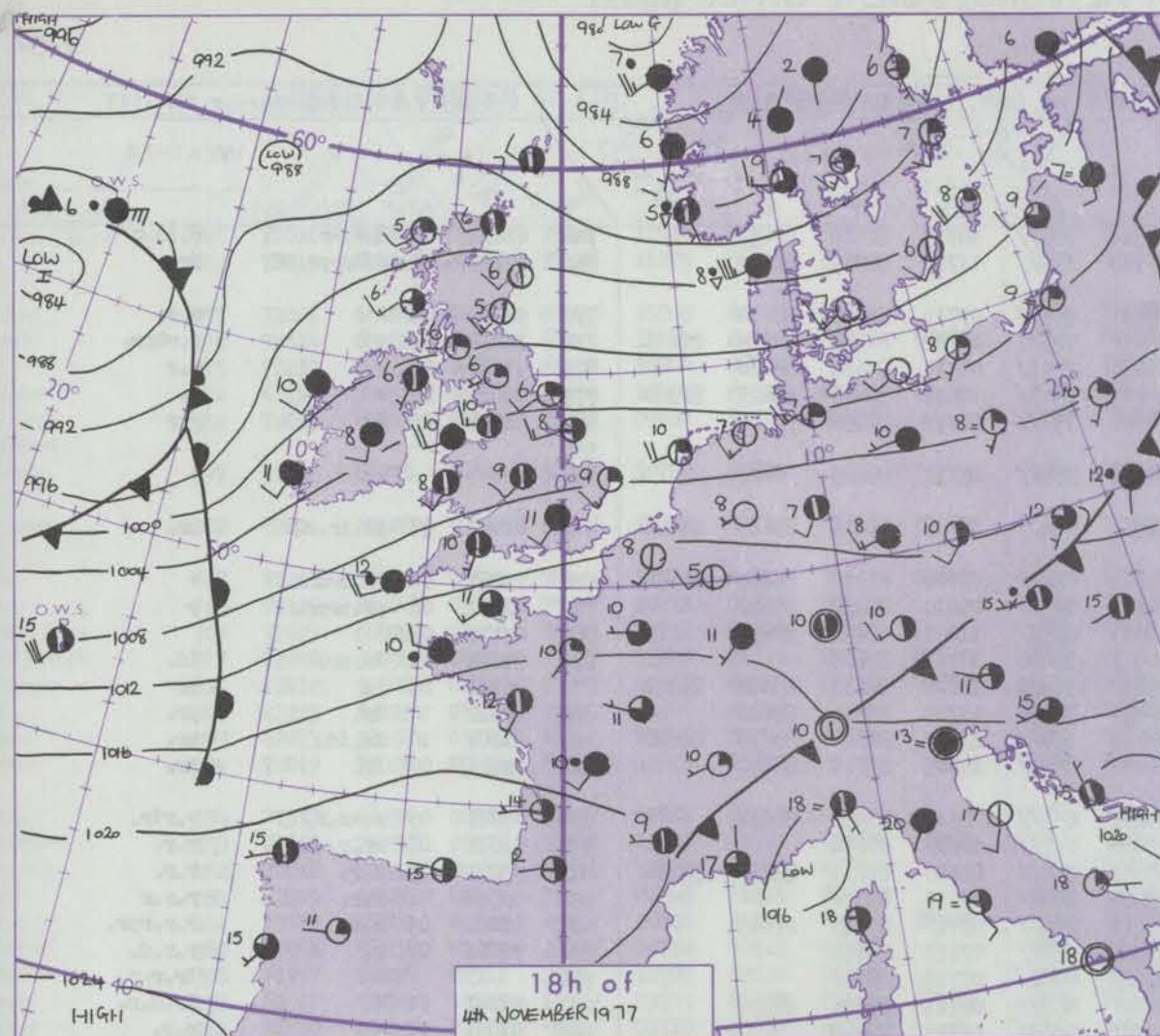


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 depression west of Norway remained slow-moving, while a further depression moved slowly east into sea area Rockall, giving a west to southwest airstream over the British Isles. During the next 24 hours the low near Rockall is expected to move

towards Shetland, maintaining a westerly airflow over the British Isles. Associated frontal troughs will move east to clear the British Isles and most of the North Sea.

Issued at midday SATURDAY 5 NOVEMBER 1977



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

OBSERVATIONS at 00h. 5 NOVEMBER 1977										OBSERVATIONS at 06h. 5 NOVEMBER 1977										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	iii	RR	T <sub>g</sub> T <sub>e</sub>	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	81910	65582	09709	856//	07808	83630	88650		746	72015	75016	06311	784//	10713	82815	87657		746	01071	05	d.r.o.-r.	r.o.r.r		
Hurn	862	82111	60036	10412	854//	09806	82715	88639		862	62115	65018	07113	654//	11715	82715	86621		862	02101	07	r.o.r.r.r.r.	r.r.		
Manston	797	72207	80032	11507	5575/	06102	85656	87362		797	82014	65032	09511	855//	09712	83620	88640		797	92061	04	+	r.o.		
Gatwick	776	62206	80012	10909	25738	07502	82650	85272		776	82110	45626	08211	783/7	10712	82707	84708	87624	776	14072	04	+	r.o.r.r.r.		
Kew	775									775	81805	80026	07411	6542/	09713	86618	88460		775	93081	02	+	r.o.		
Heathrow	772	81805	70032	10709	25657	07000	82645	84365	88272	772	71706	70026	07711	6543/	10612	83618	85625	87360	772	92091	05	+	r.o.		
Honington	586	72108	75031	09708	55702	05105	85656	87075		586	71810	60016	07009	757//	07715	87656			586	01071	05	r.	r.o.		
Wattisham	590									590									590						
Gorleston	497	82208	66031	09708	8092/	05208	88460			497	81814	60616	08010	855//	08712	88625			497						
Aberporth	502	81914	70808	05010	885//	09717	83820	88650		502	72116	75808	01511	784//	10709	83815	83625	86656	502	01081	07	r.r.r.r.r.	r.r.		
Filton	628	82008	70598	08309	854//	08811	82712	88624		628	72313	75026	04712	754//	09714	81712	84645	87656	628	93081	07	r.r.d.r.d.	+		
Rhoose	715	81810	80258	07510	884//	09814	81710	84818	88635	715	72215	75038	04612	785//	09610	82820	87638		715	02091	08	r.r.r.r.	+		
Hartland Point	703	82526	74028	05712	885//	10513	85820	88635		703	82732	66258	02913	885//	11611	83820	88630		703	05102	08				
Mount Batten	827	82225	62258	09313	884//	11712	83816	88650		827	82322	65205	06413	38400	11707	82815			827	91121	09	r.r.r.	id.		
St. Mawgan	817	82116	70218	08312	3642/	09811	83710	88460		817	62214	65026	05612	36470	10708	82711	83614	86359	817	96111	08	r.	r.		
Scilly	804	82218	65026	07513	854//	10718	88618			804	52223	65258	04513	58400	11715	83816	83626		804	96122	10	r.	r.		
Culdrose	809	82318	64026	08412	853//	11815	82708	84710	88640	809	62318	58055	05713	654//	11707	81710	83616	86622	809	91101	10	r.r.id.	r.		
Guernsey	894	82216	70216	13112	854//	10807	85711	88645		894	82317	62606	10412	854//	11605	83710	88650		894	92111	09	r.	r.		
Elmdon	534	81909	60031	07908	857//	07804	88656			534	81810	65026	04210	855//	08714	83622	88634		534	95071	05	r.-r.r.	r.r.r.		
Cardington	559	22210	75016	09608	25700	07103	82650			559	62014	70016	06010	657//	10817	86656			559	01071	07	r.r.r.	r.o.		
Wittering	462	72212	80032	08407	20916	06002	82467	87273		462	71909	70216	05508	3547/	08615	81711	83625	87360	462	95071	05	r.o.	r.o.		
Watnall	354	82108	58601	07607	00907	06101	88270			354	81909	56616	03809	8062/	08718	88539			354	02051	01	r.o.	r.o.r		
Shawbury	414	81506	75022	06508	3562/	06705	83645	88459		414	71809	62216	02110	755//	09717	83626	87645		414	01061	03	r.o.	r.o.r.r.		
Finningley	360	72210	59042	06507	50958	05001	85360	87275		360	81808	50616	03108	857//	07719	88650			360	92061	04	r.	r.o.d.		
Spurn Point	396	32314	67031	06808	30970	05204	83360			396	81714	64606	04009	8062/	07718	88542			396			+	r.r.r.		
Leeming	257	81606	82032	05207	35537	05003	83622	84360	88270	257	81511	40606	01807	852//	06721	85705	88622		257	97061	01	+	r.d.r.		
Tynemouth	262	42008	66020	04205	00906	02307	84275			262	81912	66616	01007	8062/	06721	88540			262	01051	01	+	r.o.		
Carlisle	222	81304	65251	03205	685/7	04702	83824	85637	88270	222	81613	62636	98208	854//	06729	81714	83624	88635	222	02051	01	r.r.r.r	r.o.r.r.r		
Valley	302	82316	56638	03210	6842/	10812	85814	88556		302	82126	60616	98313	854//	12717	86711	88656		302	11091	08	r.r.r	r.o.r		
Ringway	334	81912	70621	06207	5572/	06001	85650	88460		334	81813	59616	01709	1742/	08719	81710	88545		334	02061	05	r.r.r.r	r.r.r.r.r		
Squires Gate	318	81711	65608	04509	4562/	07400	84636	88460		318	81614	57616	00009	854//	08721	82615	88631		318	02071	06	r.o.	r.o.r		
Ronaldsway	204	82216	80608	02010	5542/	06813	81715	85642	88462	204	82125	35636	96212	873//	11728	82708	85710	88714	204	05101	06	r.	r.r.r		
Mull of Galloway	131	82126	82601	00809	855//	08816	88625			131	82035	66616	93811	855//	11842	88625			131	01101					
Eskdalemuir	162	60000	65031	03250	00904	51804	86074			162	82410	58616	98306	883//	05724	86708	88620		162	09512	55	r.	r.o.r.r		
Prestwick	135	61706	80038	01106	25501	04808	81625	86075		135	81311	66616	94608	854//	07838	81714	84620	88656	135	05051	03	r.r.o.	r.o.r.r.r.		
Abbotsinch	140	60000	65031	00806	35636	04002	83632	86080		140	80910	57626	95107	5542/	06732	81715	85627	88458	140	07032	51	r.	r.r.r.		
Leuchars	171	22506	82010	01203	00902	02206	82072			171	70000	75031	97904	6557/	03724	82622	86630	87360	171	01011	52	+	r.o.r		
Dyce	091	20902	86030	00103	15604	00111	81635			091	71610	82251	98104	48472	02816	81818	84650	86362	091	97001	52	+	r.d.r.r.		
Lerwick	005	13107	84028	95505	15600	02222	81630			005	61806	82251	96206	69400	06703	83910	84637		005	04041	51	+	r.		
Wick	075	12110	82021	98204	15600	01212	81640			075	41807	81011	96307	15502	03715	81620	84072		075	00031	50	+	+		
Sule Skerry	010	42710	74018	97009	45500	06210	846																		

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

ISSN 0307-2541

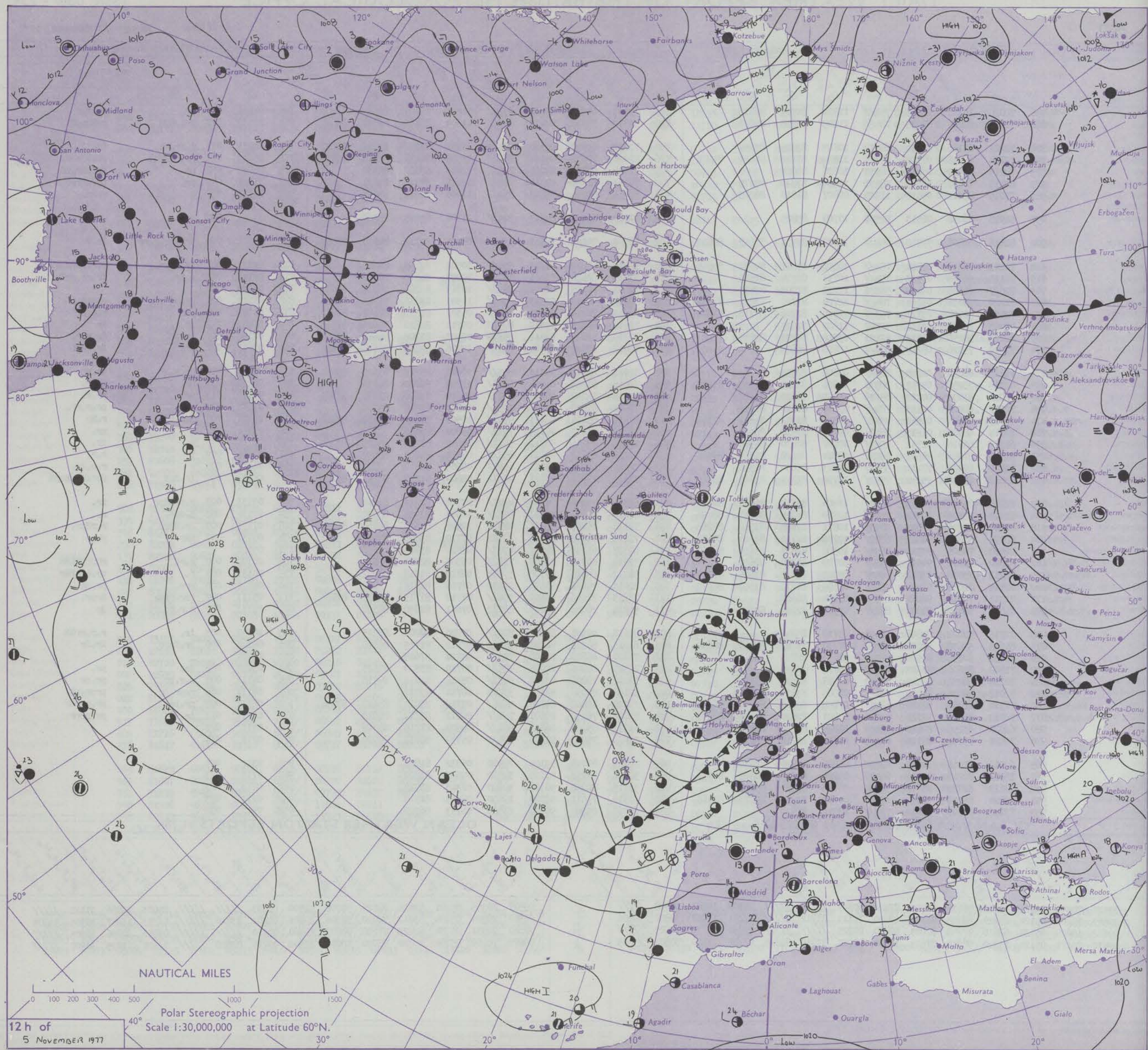
No. 42353

Date of Issue SUNDAY 6 NOVEMBER 1977

OBSERVATIONS at 12h. 5 NOVEMBER 1977										OBSERVATIONS at 18h. 5 NOVEMBER 1977										OBSERVATIONS during DAY				
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>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>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 E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	72020	70806	05613	784//	11810	84713	86818		746	82217	60608	03412	6532//	11503	82709	86622	88460	746	04141	020	pr.	pr.r.r	
Hurn	862	72019	68038	07015	784//	11805	86818	86640		862	82312	57818	04413	884//	11604	83710	86817	88620	862	21152	019	pr.prrR	prRprR	
Manston	797	72021	65166	08614	6847//	10803	82815	85650		797	72019	65028	06414	7547//	11809	87415	87016	85640	797	94151	017	r.r.r.pr.	ir.	
Gatwick	776	72114	68258	07713	684/1	11804	81712	84820	85075	776	82020	70258	05114	7842//	12508	84816	85626	88460	776	05141	018	pr.prrr.	pr.prr.r.	
Kew	775	72215	80022	06615	68531	10806	86820			775	72014	68808	04214	785//	12609	85820	85630		775	05152	032	pr.	pr.prrr.R	
Heathrow	772	62115	70252	06815	38531	11804	83820	85075		772	72113	62258	04214	784//	12610	85818	87631		772	15161	040	pr.	pr.prrrr.R	
Honington	586	72015	80012	05814	11471	09807	81818	86075		586	81915	80211	03512	854//	11606	82615	88656		586	94151	037	+	r.ir.	
Wattisham																			590					
Gorleston	497	51918	66036	06513	52501	10709	85825			497	81919	66022	04513	3253//	11706	83825	88360		497		034			
Aberporth	502	82016	62608	99912	854//	10807	84712	87618	88630	502	72320	70026	98511	4543//	08103	81712	84635	87359	502	03121	000	pr.prr.r.r	ir.r	
Filton	628	72213	78036	03814	784//	10811	83817	84622	85648	628	82212	60618	01713	854//	10501	82710	88645		628	02151	007	ir.pr.r.	r.r.rdrd.r.	
Rhoose	715	72115	56606	03313	754//	10711	81714	87620		715	82413	60636	01411	6542//	10500	86616	88556		715	06141	002	r.ir.	ir.r.r.rir.	
Hartland Point	703	72627	66028	01413	58331	11712	83708	85815		703	82625	66258	00811	882//	10313	83705	84815	88635	703	03130	006			
Mount Batten	827	72220	58038	05114	784//	12708	81710	83814	87635	827	82219	57218	03313	884//	11501	83710	85816	88635	827	05141	004	pr.pR	r.rpr.	
St. Mawgan	817	72412	57608	03713	753//	12810	82706	85710	87640	817	72611	70256	03110	4847//	09307	81812	84640	86360	817	04141	004	pRr	r.r.pr	
Silly	804	42223	62218	03114	15570	11809	81625			804	72618	66036	03312	4857//	09211	82820	84625	87360	804	07142	013	ir	ir	
Culdrose	809	62223	58258	03713	52201	13810	84705	85815		809	72709	62016	03411	5537//	10307	81708	84640	87360	809	02152	007	pr.ir.	ir.r.r.	
Guernsey	894	72019	75026	09214	656/2	12810	86645			894	72018	72026	07014	7843//	13706	82813	86619	87362	894	02151	022	ir.	ir.iRpr	
Elmdon	534	71917	66256	02713	724//	09808	87815			534	82016	62218	99713	854//	10611	85712	83622	88650	534	01141	006	pr.r.r	ir.r	
Cardington	559	62118	75256	05215	38531	12806	82820	83365	85080	559	72016	65258	02214	6857//	12709	84820	84635		559	96161	038	pr.	pr.r.	
Wittering	462	72018	81032	04113	65576	10805	86620	87272		462	72016	75258	00912	5857//	11610	83820	83650	87360	462	91141	013	pr.	pr.r.	
Watnall	354	72019	68026	02113	784//	09804	81814	87656		354	71914	65808	98912	3247//	10811	83818	87359		354	01141	012	pr.	pr.r.r.r.	
Shawbury	414	71913	48628	00512	4547//	10811	81712	84617	87359	414	82010	68216	98411	5552//	10502	82622	84630	88460	414	03141	005	d.r.r.r	r.Rr	
Finningley	360	72014	68026	01213	2847//	09712	81818	86360		360	71910	70032	98113	757//	09607	87656			360	97151	007	+	pr.	
Spurn Point	396	61917	66016	02312	2567//	10707	82630	86360		396	71814	70216	98812	5547//	10812	83710	85625	87360	396			+	ir.	
Leeming	257	81917	57046	98513	6557//	09814	86620	85360	88468	257	81914	65612	95612	855//	09710	84620	88630		257	92131	000	+	r.r.	
Tynemouth	262	81820	69026	97111	5567//	09713	85630	88358		262	72015	66606	93911	6567//	09605	86630			262	94131	000	+	r.r.ir.	
Carlisle	222	82112	65216	95212	7542//	10710	81712	83618	85625	222	72315	75016	92311	28472	08609	81712	84359	86462	222	05132	000	ir.irR	Rrr.pr.prrR	
Valley	302	82125	65256	96813	6847//	11806	83812	86625	88359	302	62331	75258	94712	4347//	07704	82915	84362		302	03131	000	r.r.pRr	pr.	
Ringway	334	81919	62506	99912	7542//	10810	81714	86640	88459	334	82016	62218	97511	855//	10504	83625	88640		334	92131	002	d.dpr.	r.	
Squires Gate	318	81814	65216	97913	38537	10811	82625	83362	88268	318	72115	65026	95711	4847//	10506	81815	84650	85359	318	07131	000	ir.Rrr.	r.rRr.	
Ronaldsway	204	82224	58806	94812	6842//	10704	81712	83816	85650	204	72228	75028	91912	32542	07710	83825	86070		204	03131	000	pRr	pr.	
Mull of Galloway	131	82430	78806	93511	4851//	10308	82825	83630	88460	131	62337	65158	89311	4343//	07820	83915			131	05121				
Eskdalemuir	162	81820	60606	94010	853//	10709	85708	88630		162	72018	60216	91808	753//	06506	82706	87625		162	20102	000	r.pR	rRr.TLRH	
Prestwick	135	82213	75036	93012	48457	08303	82815	83645	85359	135	51912	63808	89708	59433	06710	81918	84822		135	04121	001	r.	pr.t.l.hRr	
Abbotsinch	140	82314	72036	91512	28437	09805	81818	83359	88270	140	22011	70018	88510	29430	06716	81918			140	05122	000	rrr.	pr.pr	
Leuchars	171	71911	70216	92011	65572	09724	86620			171	71813	70626	89509	5547//	07710	81715	85635	87460	171	05111	002	rrr.rRr	Rrr.	
Dyce	091	81619	58616	91809	872//	09734	82704	88705		091	51814	70016	88609	25772	07611	82650	85360		091	01111	000	r.r.r.d.r.	jp	
Lerwick	005	71715	82028	93808	58431	05718	85815			005	81618	40586	85909	870//	09746	86701	88703		005	10092	005	ir.	r.r.r.rIR	
Wick	075	81618	57636	90609	853//	07730	84707	87710	88635	075	61911	80216	86209	38432	07712	81715	85070		075	04101	000	ir.irrr	ir.ir	
Sule Skerry	010	81432	60636	89508	874//	08733	88715			010	71820	66606	85509	755//	08714	87625			010	03101				
Cape Wrath	049	71809	80606	87607	755//	06728	87620			049	72309	80806	84908	785//	06710	83820	87625		049	03091	002	ir.	pr.	
Stornoway	026	72114	80258	86510	48532	08618	83820	83362																

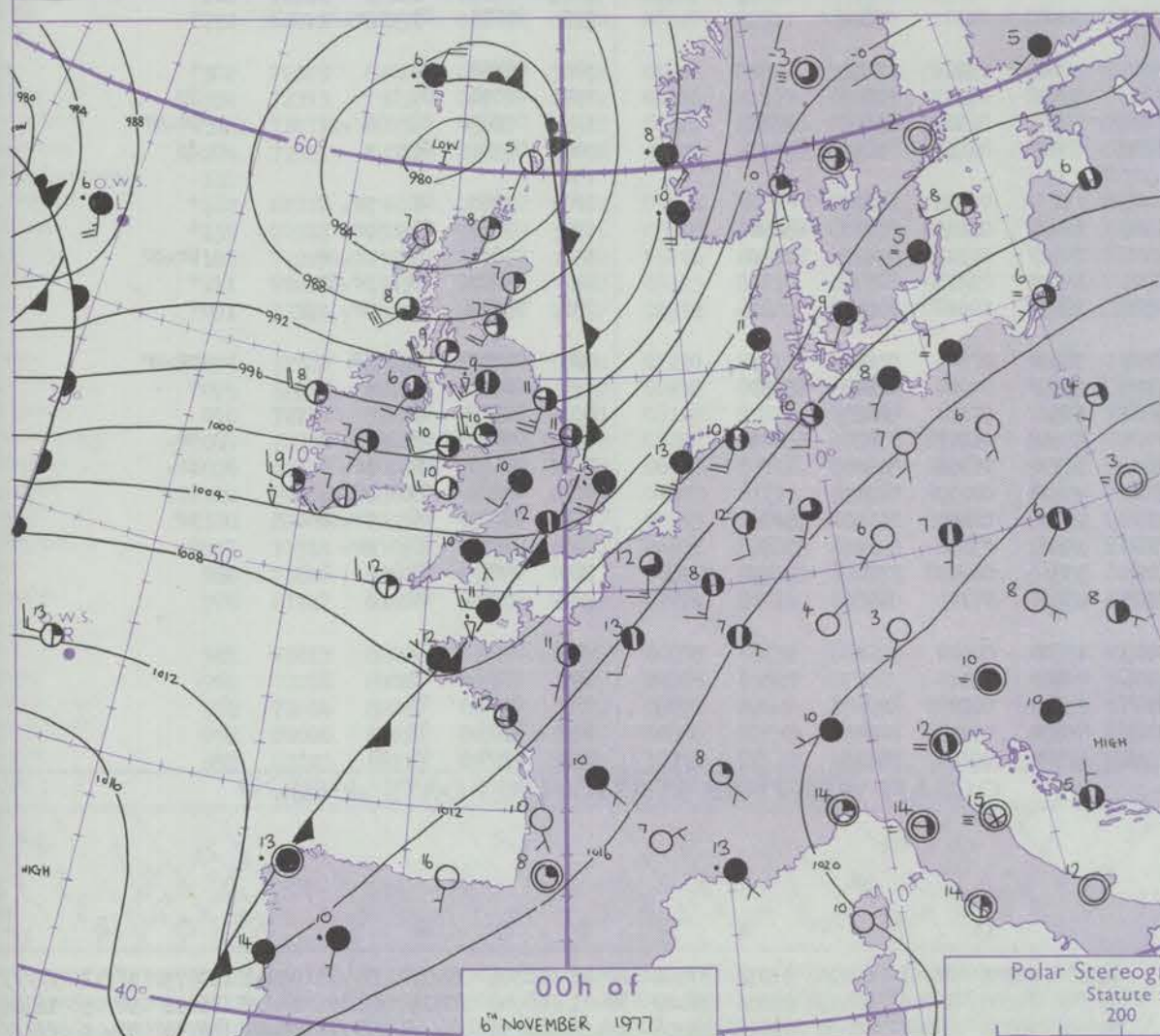
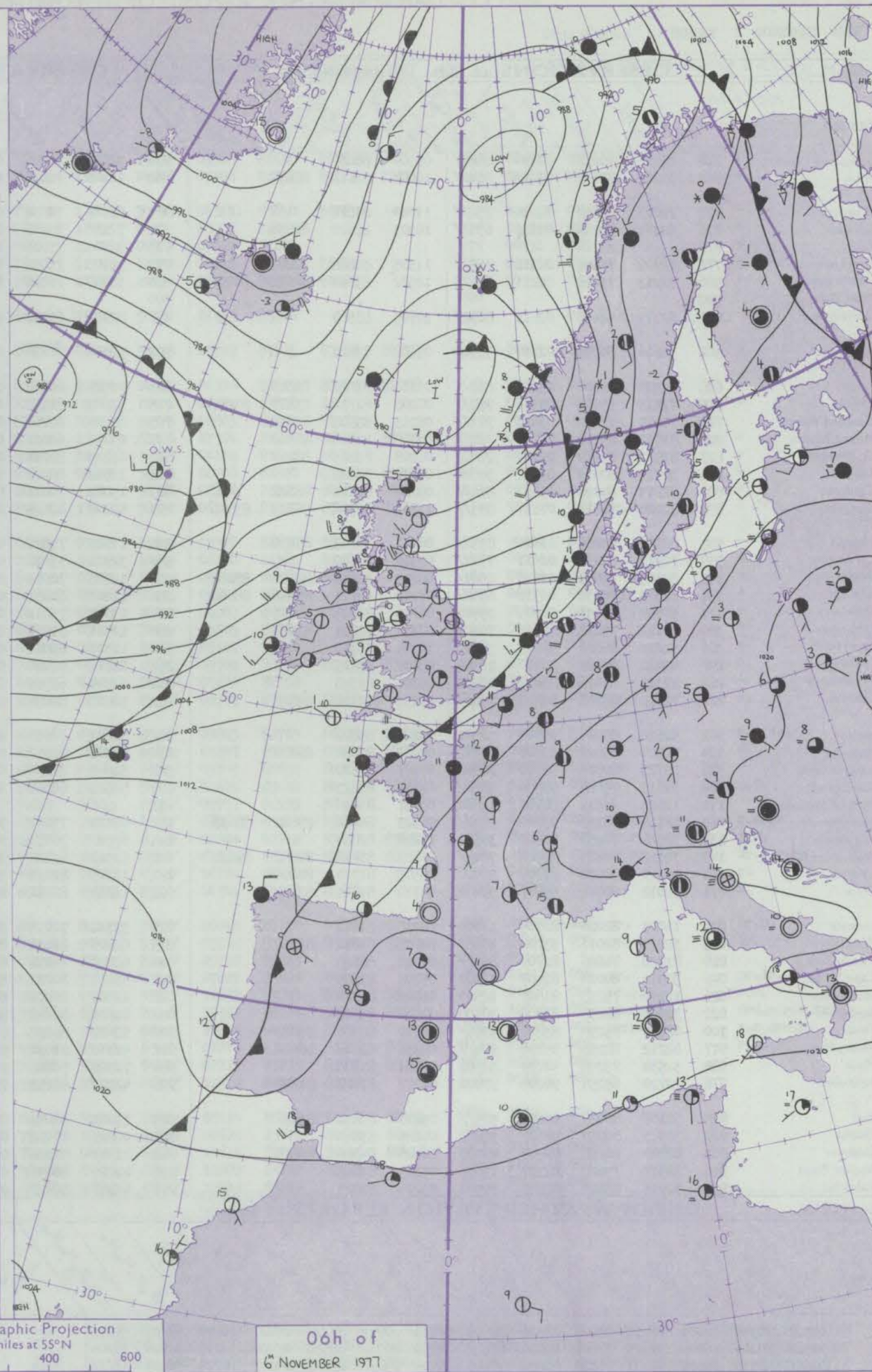
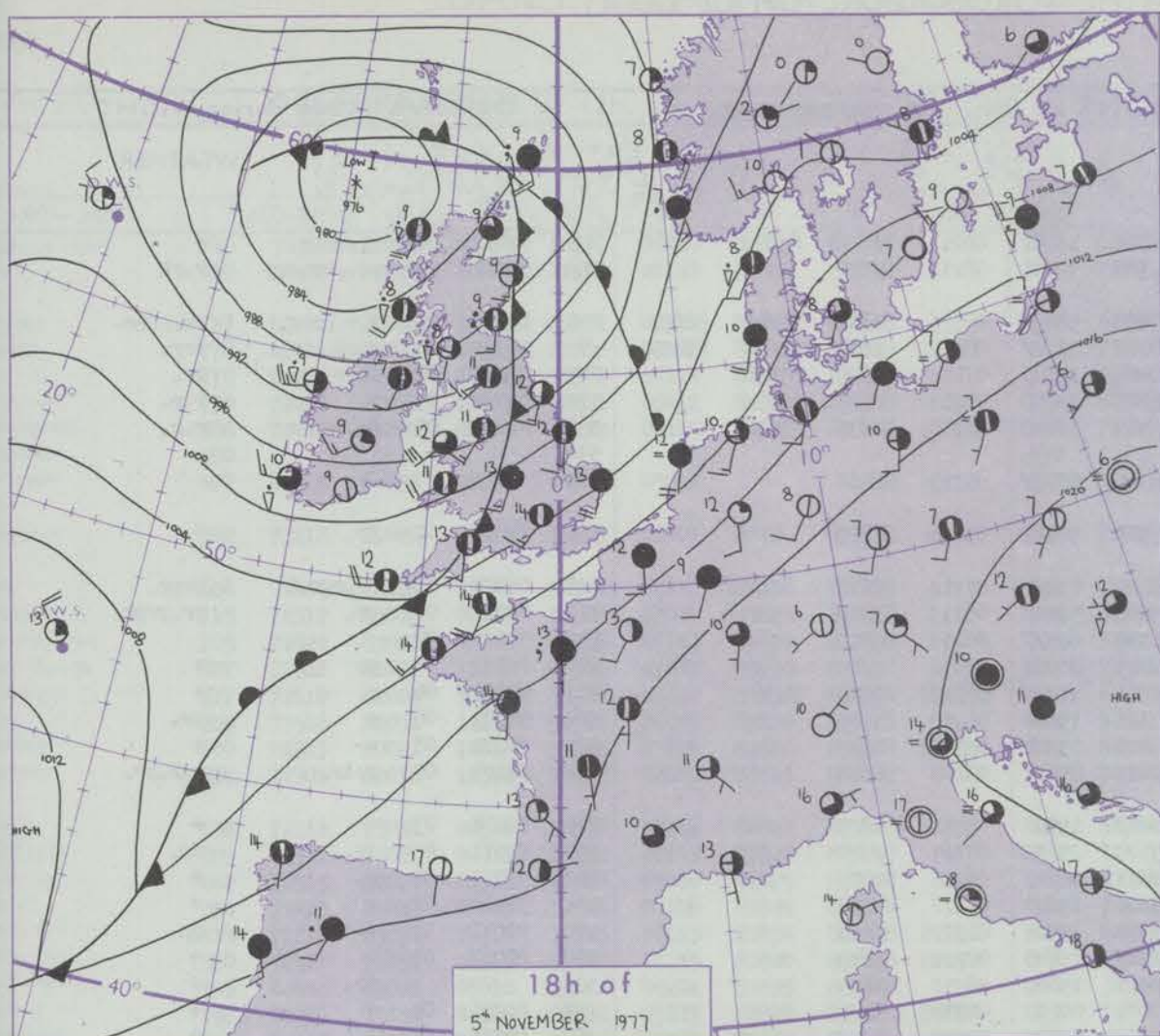


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 west of the Hebrides moved steadily northeast maintaining a southwesterly airstream across the British Isles. Its occluding frontal system over Ireland and Wales moved eastwards and now extends across the eastern North Sea. During the next

24 hours pressure will remain low to the southwest and south of Iceland and the southwesterlies will continue over the British Isles with further frontal troughs moving northeast along it.

Issued at midday SUNDAY 6 NOVEMBER 1977



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

OBSERVATIONS at 00h. 06 NOVEMBER 1977										OBSERVATIONS at 06h. 06 NOVEMBER 1977										OBSERVATIONS during NIGHT				
Station	iii	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>	iii	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>	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	82311	70216	04410	857//	08109	88650			746	32108	75016	06907	15701	06213	81650	83075		746	94061	02	r.r.r.r.r.	+	
Hurn	862	82212	70618	04912	884//	10004	82812	88639		862	12106	70016	07309	15700	08212	81650			862	03071	03	pr.r.r.d.r	r.r.R	
Manston	797	72023	62602	04714	754//	11709	87612			797	82708	70636	07409	5842/	08315	81815	85645	88557	797	12081	07	r.r.r.Rr	rr.r.r.r.	
Gatwick	776	62314	70216	04512	655//	10303	82620	86656		776	72108	70216	06909	5552/	08212	82625	84650	86459	776	09071	05	r.r.R	rrr.	
Kew	775									775	32007	75016	06409	35500	07212	81625	83656		775	04081	01	Rr.r.	rr.	
Heathrow	772	72209	75028	04312	785//	11305	81828	87645		772	32109	75016	06609	35500	08211	81625	83656		772	03081	05	r.	r.r.	
Honington	586	72212	75026	02711	654/8	10502	83618	84631	86272	586	32208	70016	05309	35600	06314	81635	83656		586	02071	05	ir.r.r.	r.r.	
Wattisham	590									590														
Gorleston	497	82119	60616	02813	8092/	10705	88560			497	82111	66026	04910	8092/	07213	88460			497					
Aberporth	502	32616	80031	02710	35500	05218	83628			502	52514	80018	05309	58500	03216	85825			502	01071	05	pr.	+	
Filton	628	82308	58606	03710	855//	09212	83622	88640		628	72507	60816	06209	724//	07212	87818			628	06071	03	rr.r.r.R	prpr.	
Rhoose	715	72513	75018	03311	784//	07208	81712	85823	87650	715	52608	81258	05808	52400	06113	85818			715	03081	02	pr.	pr.prpr.	
Hartland Point	703	72915	77258	03511	783//	08213	83808	87615		703	63016	80258	06110	625//	06211	86820			703	94101	07			
Mount Batten	827	82711	65018	05112	2847/	09105	81818	88460		827	03103	62021	07808	00900	07214				827	02051	00	pr	+	
St. Mawgan	817	82912	62218	05211	2247/	08208	82815	88460		817	62813	82031	07710	4143/	06212	84818	84362		817	97091	06	r.	+	
Scilly	804	32714	80011	05912	35500	08210	83623			804	12812	80018	08710	15500	06212	81625			804	97091	06	+	pr.	
Culdrose	809	82913	64026	05811	884//	09209	81812	88628		809	13010	70021	08407	15500	05212	81623			809	00071	03	+	+	
Guernsey	894	82714	56818	07111	893//	11302	82706	86812	83916	894	82208	62618	09111	857//	09208	88650			894	02101	09	prir.	r.r.pr.	
Elmdon	534	82110	63026	01610	855//	08211	83623	88656		534	11907	75021	04407	15500	05211	81625			534	00051	03	+	+	
Cardington	559	72313	81036	02911	756//	09310	87649			559	32311	75016	05308	25632	07314	82640			559	91071	05	ir.	ir.	
Wittering	462	82313	78028	01810	2567/	08212	82642	84360	88464	462	12208	70011	04807	00902	06216	81075			462	91071	05	r.	+	
Watnall	354	82313	60038	00310	6552/	07212	83621	84645	88460	354	12209	60031	03706	15600	05312	81630			354	97061	02	+	+	
Shawbury	414	52614	75031	00309	25502	06216	82625	85076		414	13003	75011	03805	15501	04317	81625			414	00041	51	+	jp	
Finningley	360	72412	75018	98911	785//	07311	81824	87657		360	12311	81021	02307	15600	04214	81630			360	00061	03	+	+	
Spurn Point	396	52012	66026	98911	50970	10104	85360			396	12317	68011	01909	15600	06211	81635			396			ir.	+	
Leeming	257	42422	75026	96010	41500	05110	84825			257	02410	82020	00007	00900	04118				257	00071	04	+	+	
Tynemouth	262	12315	69026	93410	10930	05307	81358			262	02515	69020	97208	00900	03219				262	00071	04	+	+	
Carlisle	222	72515	65808	94309	784//	07233	81714	85822		222	32513	80038	97808	38500	04312	82822			222	95071	04	pr.pr	+	
Valley	302	52522	80018	99710	52500	05226	85822			302	52621	80011	02509	58400	05214	85818			302	00091	06	+	+	
Ringway	334	72310	75022	99909	25702	05223	82650	86070		334	12108	80011	02805	18500	04314	81822			334	00051	04	+	jp	
Squires Gate	318	22723	80018	98010	28500	07327	82820			318	52620	82038	01010	59500	06214	81920	84825		318	02081	06	pr.pr	pr.pr	
Ronaldsway	204	32619	75028	97509	28502	04236	82823			204	52621	80021	00508	58500	04219	82822	84827		204	00081	07	+	jp	
Mull of Galloway	131	12625	84019	94708	15600	05237	81630			131									131					
Eskdalemuir	162	82114	68259	93007	884//	05323	84710	84818	88638	162	62114	75031	97105	656//	03319	86635			162	93051	02	pr.	+	
Prestwick	135	32526	70259	91609	38500	05228	82820			135	62522	70031	96108	684//	05219	81818	83820		135	01071	05	pr.	+	
Abbotsinch	140	72612	60808	89908	784//	07223	81818	84822	85634	140	72517	62808	94107	785//	05328	83822	86640		140	04061	05	pr.ph	pr.pr	
Leuchars	171	52219	80028	87907	58400	05503	81714	84640		171	12325	82011	90907	18500	03211	81820			171	03061	03	pr.Rrr.r.	+	
Dyce	091	32012	80018	85807	38400	04710	81815	83645		091	12214	82010	87306	15630	02310	81645			091	97051	03	pr.	+	
Lerwick	005	12003	82026	82705	18400	05708	81812			005	32311	70018	80707	38400	07501	82812			005	04052	01	1R	pr.pr	
Wick	075	32013	82011	83208	15630	04717	81640	83358		075	62609	81011	84105	2563/	03214	82640	85359		075	00041	01	+	+	
Sule Skerry	010	81820	74026	82709	855//	08710	88625			010	62820	74038	83509	655//	07204	86625			010	92072	06			
Cape Wrath	049	32312	80018	82407	32500	05708	83825			049	53212	80028	83408	58500	06217	83820	85625		049	01062	03	pr.	pr.	
Stornoway	026	12112	75258	81607	12500	06609	81820			026	12507	80258	86206	12500	06236	81820			026	01021	00	pr.	pr.	
Benbecula	022	32021	80258	81008	39400	07617	83915			022	42621	80258	88409	49400	07233	8494								

OCEAN WEATHER STATION REPORTS at 00h.													OCEAN WEATHER STATION REPORTS at 06h.																								
O.W.S.	99 L <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> L <sub>o</sub>			YYGGI <sub>w</sub>	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	D <sub>s</sub> sapp	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	OT <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> 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>			Q <sub>c</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub>			YYGGI <sub>w</sub>	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	D <sub>s</sub> sapp	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	OT <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> 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	L	M	R	99527	70355	06001	22419	98028	88306	22500	00716	////	////	05401	10879	3//09	31/12		C	L	M	R	99527	70355	06061	62720	97038	87504	65500	00304	////	////	05802	10875	3//12	////
				99569	70203	06004	81625	97606	86006	8742/	00750	86712	88550	0//04	11092	24706	34906					99570	70204	06064	32517	98036	78109	38401	00500	81814	83610	0//05	11092	30703	16806		
				99661	10032	06004	61908	97028	91904	59460	00719	////	////	05601	10775	30403	////					99661	10033	06064	80808	97618	85306	4742/	00736	////	////	05404	10780	30403	////		
				99470	70170	06004	32717	98030	11512	32500	00803	83820	////	0//08	11428	30807	////					99470	70169	06064	62426	97011	09013	68500	00719	82820	84640	0//11	11419	30402	29806		



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

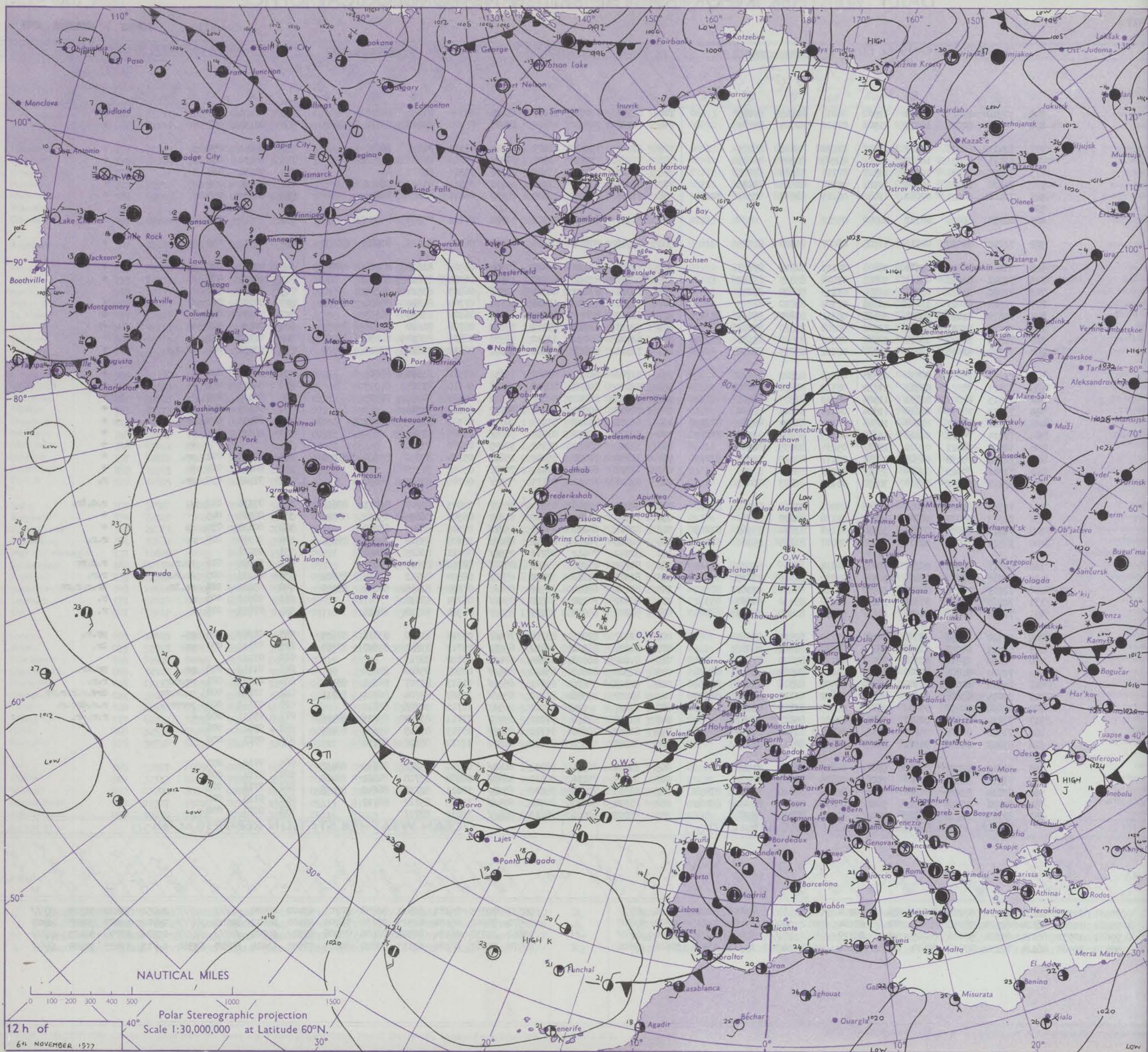
No. 42354

Date of Issue MONDAY 7 NOVEMBER 1977

OBSERVATIONS at 12h. 6 NOVEMBER 1977										OBSERVATIONS at 18h. 6 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	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>	iii	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>	iii	RRT	T <sub>E</sub>	SSS	WEATHER	
																							09h.—15h.	15h.—21h.
Boscombe Down Hurn	746	72310	82021	10111	12502	06010	81825	87075		746	61907	72012	11407	15632	05308	81630	86072		746	00121	048	+	+	
	862	72407	80021	10813	21502	07110	82825	87075		862	72106	78022	11810	14406	07306	81818	83272	87075	862	00131	067	+	+	
Manston	797	62413	84036	10613	22471	07110	82816	86075		797	62107	75012	12209	35741	08311	83650	86075		797	00141	054	+	+	
	776	62411	81021	10213	22502	08008	82825	86075		776	71907	75022	12107	00902	05213	87073			776	00131	068	+	+	
Gatwick	775	72208	82021	10112	12501	07111	81825	87075		775	72004	80012	11509	00902	05311	87073			775	00131	068	+	+	
	772	72407	80021	10413	12506	08012	81824	87275		772	62005	75012	11710	14532	05312	81623	86072		772	00131	054	+	+	
Heathrow	586	72412	84021	09011	11432	06115	81818	83361	87075	586	71906	75022	11009	20932	06210	82362	86075		586	00131	053	+	+	
	590									590									590					
Honington	497	02214	66021	08712	00900	05212				497	51907	66021	11310	50970	07213	85360			497		058			
Wattisham																								
Gorleston																								
Aberporth	502	72212	80022	07910	11508	06007	81820	87275		502	71916	80032	07109	38538	06702	81825	83638	87273	502	00111	030	+	+	
Filton	628	72408	75028	09611	38408	07112	81818	87277		628	72106	80022	10409	14502	06306	81625	83073	87078	628	97111	020	pr.	+	
	715	72312	83028	09411	38548	07014	83825	87275		715	62212	82012	09910	18401	06304	81818	86075		715	00121	017	+	+	
Rhoose	703	72820	83022	09311	42556	07113	84820	87275		703	72426	87022	08311	32576	06803	83820	87275		703	00120	027			
	827	72512	81021	11112	48506	07109	83820	87275		827	72516	80022	11412	68506	07304	81820	86626	87275	827	00131	062	+	+	
Hartland Point	817	72610	81021	10811	38508	06112	81820	83635	87275	817	62210	80022	10809	15602	06102	81635	86075		817	00131	043	+	+	
	804	72518	82031	11112	52502	06209	85820	87075		804	52221	81012	09912	38502	08706	81820	83628	85075	804	00131	047	+	+	
Mount Batten	809	72813	80021	10012	38508	07106	82820	83630	87275	809	62414	80021	11011	58538	08304	83820	84630	86275	809	00130	042	+	+	
	894	72907	82016	12312	784//	08112	83815	86650		894	72511	84021	13811	58532	06212	83820	83635	86075	894	93131	027	ir.d.r.	+	
St. Mawgan																								
Scilly																								
Culdrose																								
Guernsey																								
Elmdon	534	72212	75031	08510	28538	05114	82822	87272		534	51706	66012	09507	15632	05307	81640	85075		534	00111	041	+	+	
	559	72511	75021	09312	11532	08112	81820	87075		559	72111	70022	10708	10978	06110	81365	87275		559	00131	042	+	+	
Cardington	462	72515	82021	08111	11506	05010	81825	87275		462	61908	80012	09907	10932	05209	81363	86075		462	00111	051	+	+	
	354	72413	70031	07610	11506	04116	81824	87070		354	72012	60042	08708	00902	06206	87070			354	00111	049	+	+	
Wittering	414	72112	81031	07509	14546	06113	81824	84362	87270	414	62011	81022	07609	20932	06303	82362	86075		414	00111	024	+	+	
	360	72414	75031	06210	12548	04115	81820	83365	87272	360	72009	60032	07409	7095/	05305	87365			360	00111	037	+	+	
Watnall	396	62418	64021	05910	2567/	05214	82635	86360		396	32012	68011	07909	30970	05209	83360			396			+	+	
	257	72214	75158	04309	28512	05117	82820	83468	87070	257	71810	70028	05009	25642	05304	82630	85360	87070	257	92111	012	pr.	+	
Shawbury	262	72312	69021	02009	3567/	03219	83630	87358		262	72017	69022	02410	7097/	05602	87358			262	00111	014	+	+	
	222	62412	80251	01810	38532	06120	82823	886075		222	82217	70212	01111	855//	08705	83625	88638		222	97121	030	pr.	r.	
Finningley																								
Spurn Point																								
Leeming																								
Tynemouth																								
Carlisle																								
Valley	302	72323	81021	05011	32458	05006	83818	83362	87272	302	82231	60506	03911	853//	09803	82709	86711	88616	302	97131	012	r.	r.d.ir.	
	334	72313	75031	06709	18532	04116	81820	87072		334	72014	68022	06810	65632	05303	86635	85362	87072	334	00101	045	+	+	
Ringway	318	72417	80038	05311	32532	07121	83824	83365	87075	318	82016	68032	04911	6577/	09303	86650	88360		318	00121	034	jp	+	
	204	72321	82032	02911	18556	05007	81823	85362	87272	204	82228	70212	01212	884//	08608	83818	84626	88656	204	91131				



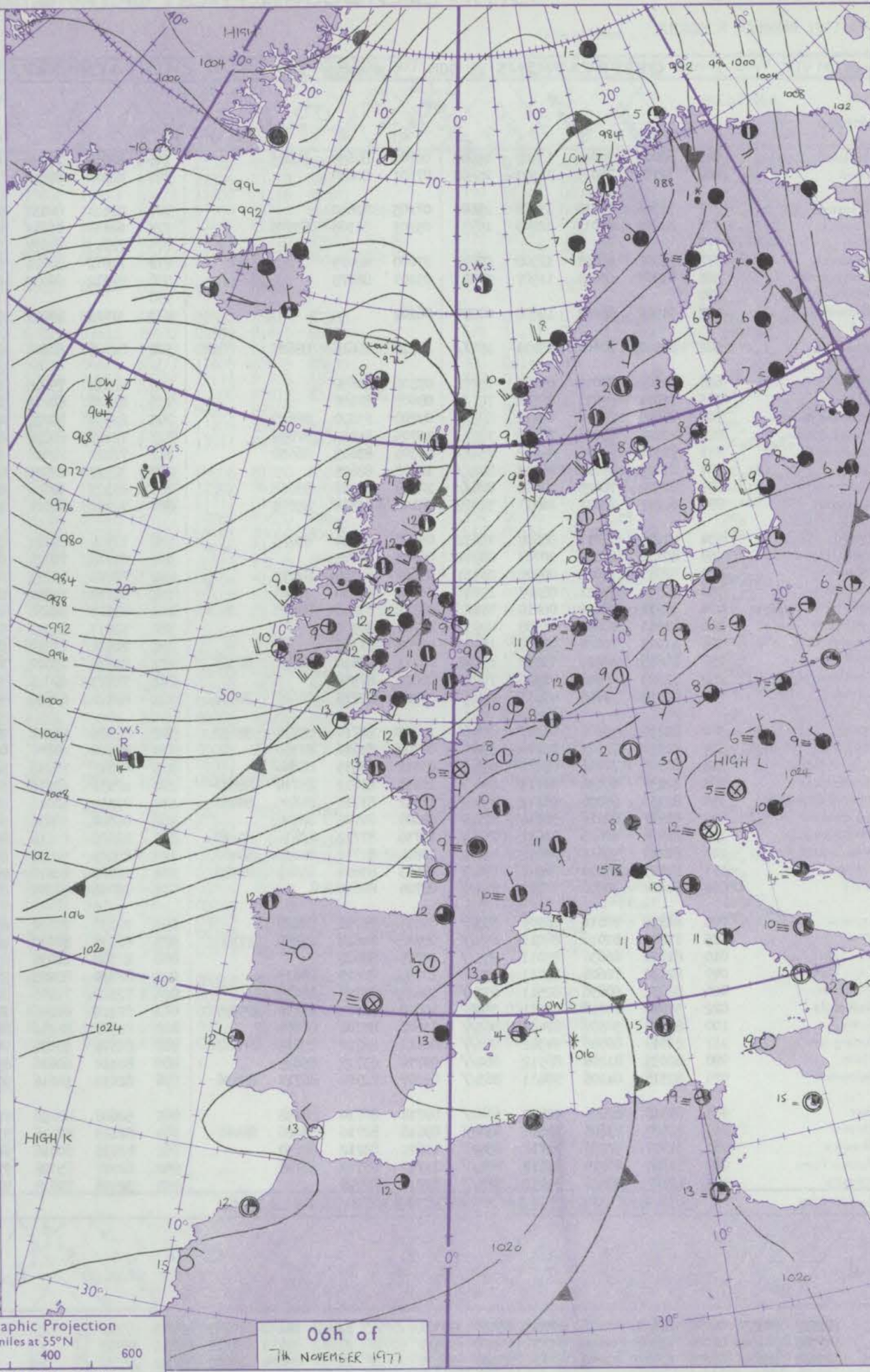
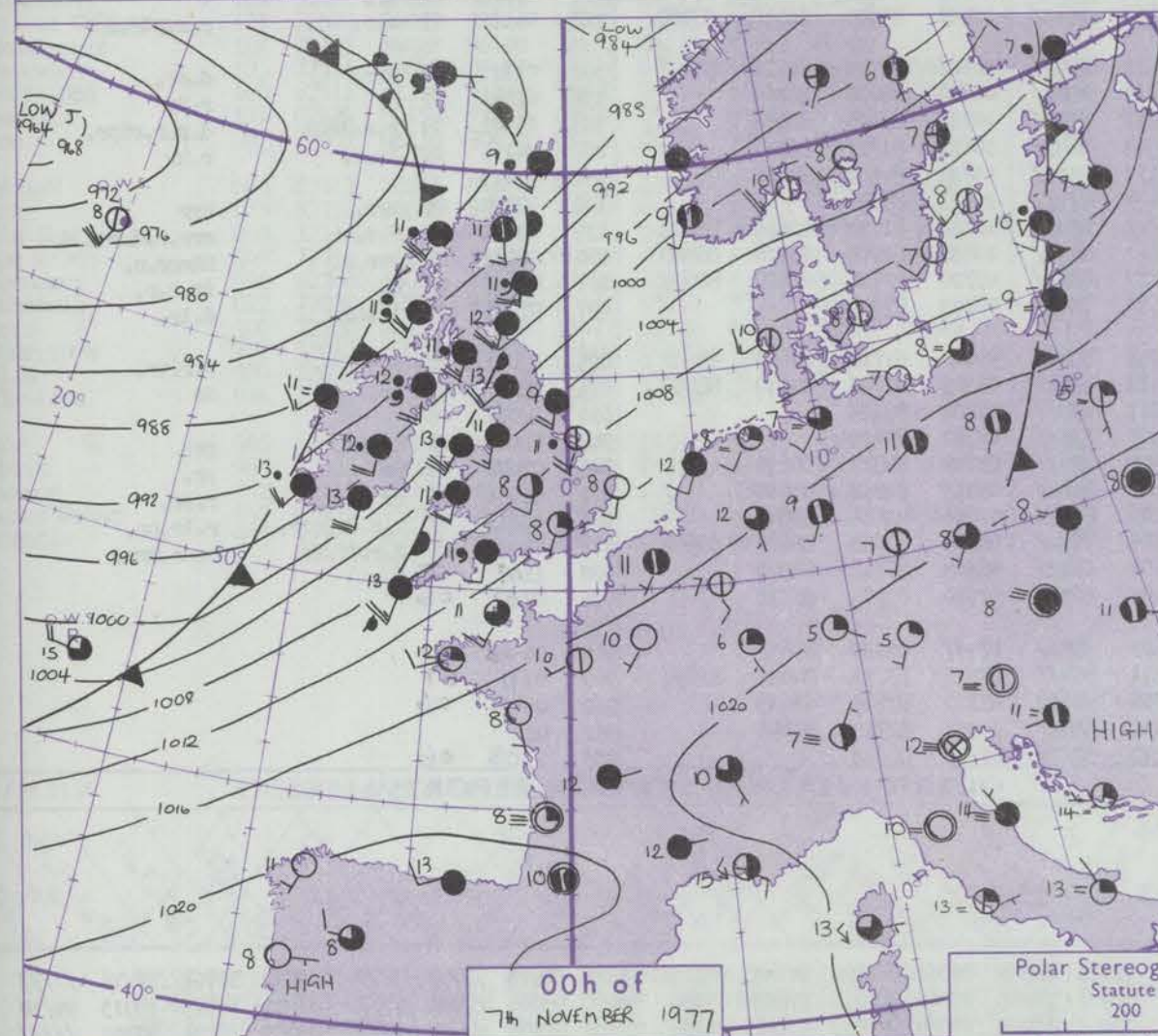
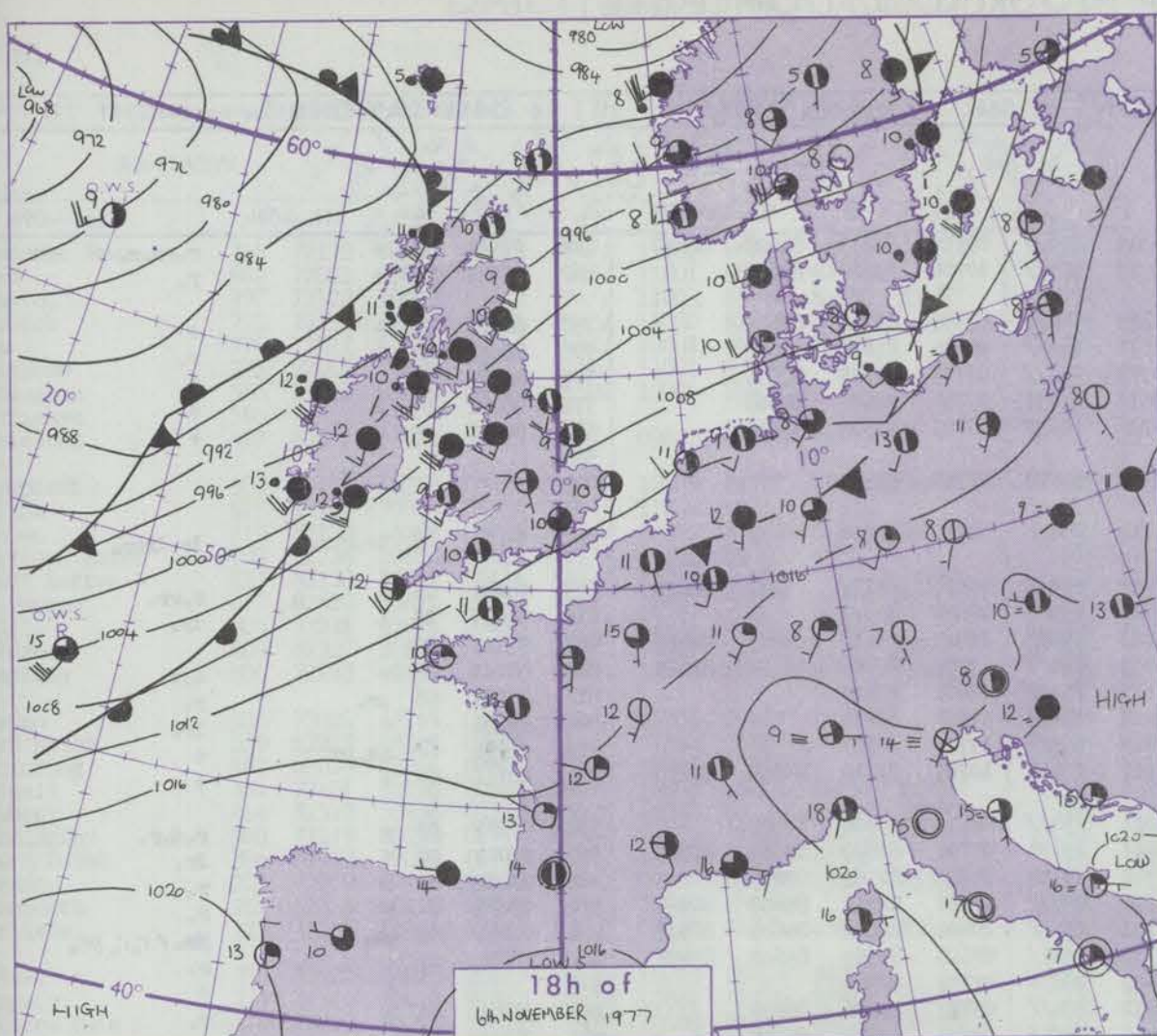
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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3-7  
8-12  
13-17  
Additional  
add  
18-52



# 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 remained high to the southeast of the British Isles and low to the north and west with a deep slow-moving depression some 500 miles southwest of Iceland and a further deep low initially north of Shetland moving slowly north eastwards. A cold front with waves moved into Northern Ireland and Scotland from the west towards the end of

the period. During the next 24 hours it is expected that the low southwest of Iceland will move slowly northeast, filling a little, and that pressure will remain low between Iceland and Norway. The cold front should move southeastwards clearing the southeast coast by tomorrow morning.

Issued at midday MONDAY 7 NOVEMBER 1977



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

OBSERVATIONS at 00h. 7 NOVEMBER 1977										OBSERVATIONS at 06h. 7 NOVEMBER 1977										OBSERVATIONS during NIGHT			
Station	iii	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>	iii	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>	iii	RR T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	62011	80031	11507	45602	06703	84630	86075		746	82018	70606	09311	854//	09710	83713	86628	88650	746	01061	03 +	r.rd.r.	
Hurn	862	32109	75021	12311	25602	07601	82630			862	82118	80021	10913	854//	10706	83618	88643		862	97091	06 +	r.	
Manston	797	31906	80011	13308	25601	07203	82640			797	72114	80031	12811	784/1	08601	81818	87645		797	00071	04 +	+	
Gatwick	776	32202	62011	12906	10931	05203	81365	83075		776	62110	65211	11511	655//	09605	81622	86638		776	92051	51 +	r.	
Kew	775									775	72011	75022	10311	756//	09707	81645	87656		775	00071	51 +	+	
Heathrow	772	21907	65021	12308	00901	07000	82075			772	71812	80021	10611	45631	09710	81630	84648		772	00081	05 +	+	
Honington	586	61909	69031	11507	00901	05201	86075			586	81812	65032	09709	20937	06707	82365	88275		586	00071	05 +	+	
Wattisham	590									590													
Gorleston	497	01912	66021	12008	00900	06202				497	31919	66031	10309	30970	07710	83360			497				
Aberporth	502	81920	60602	05411	854//	10710	86616	88627		502	82025	60606	01712	854//	10719	85710	88620		502	03091	09	ir.r.r.	ir.ir.pr.
Filton	628	22209	80011	09909	15701	07806	81650			628	82114	75606	07412	854//	10811	84712	85617	88623	628	94001	06 +	r.r.r.	
Rhoose	715	72014	82031	09311	757//	08607	87650			715	82116	80212	06913	855//	09608	88620			715	92091	08 +	ir.	
Hartland Point	703	82630	79031	07912	885//	09708	83820	88650		703	82530	80022	04613	4542/	11813	81618	84625	88460	703	97111	09		
Mount Batten	827	72224	80022	11113	785//	10705	84822	87656		827	72227	60216	09113	754//	11708	82715	86619	87625	827	01121	07 +	d.r	
St. Mawgan	817	72316	70022	09912	754//	09506	83613	86630		817	72422	70018	07613	754//	11607	87613			817	93101	06	pr.	
Silly	804	82125	81022	08713	855//	10608	88625			804	32127	62031	06413	36402	11807	83710			804	97101	+	r.	
Culdrose	809	82322	70025	10012	884//	10708	81812	88618		809	62323	58036	08013	663//	11710	86708			809	96021	12	id.ir.	+
Guernsey	894	62217	83031	14411	31402	08101	83818	85075		894	72121	81022	13612	15438	10707	81710	86359	87270	894	00111	07	+	+
Elmdon	534	41910	68011	08608	15632	05608	81630	83075		534	71914	70211	05611	754//	08712	85714	87625		534	97071	05	+	r.d.r.
Cardington	559	42111	66021	10708	00901	06803	84075			559	72018	70021	08411	15638	09714	81640	83360	87275	559	91071	04	+	ir.
Wittering	462	52013	75021	09807	20931	05606	82360	84075		462	72018	80021	07310	10932	07612	81362	87073		462	97061	05	+	r.
Watnall	354	72012	65021	08107	25706	06604	82650	87270		354	81918	75032	04710	4542/	07718	81615	84650	88465	354	92071	04	+	r.
Shawbury	414	81911	78032	06210	854//	08812	83616	88625		414	81913	68626	03111	5552/	10614	82622	84645	88560	414	01091	06	+	r.r.r.pr.
Finningley	360	41911	70021	06508	40932	06709	84362			360	72013	81021	03710	5547/	07614	83615	85620	87458	360	97081	07	+	r.
Spurn Point	396	11915	70020	07308	10940	06808	81360			396	21914	72010	04509	20970	07717	82360			396			+	+
Leeming	257	81815	80022	03510	65447	06711	85618	85657	87365	257	81924	75022	99812	854//	08717	84616	88625		257	97091	07	+	r.
Tynemouth	262	71823	69602	01510	70977	06607	87358			262	71823	69026	96911	2567/	08725	82630	87358		262	97101	08	ir.	+
Carlisle	222	82318	70026	99113	854//	09813	82710	86623	88650	222	82121	62606	94613	6562/	10729	83635	86650	88460	222	06102	09	r.r.	r.r.r.r.R
Valley	302	82135	56606	01313	854//	10715	81710	85714	88632	302	82136	56206	97512	854//	12721	81710	84714	88625	302	01121	10	r.r.	d.pr.
Ringway	334	71917	70022	05709	3563/	06709	83630	87360		334	81718	60606	02210	4567/	08617	84630	88360		334	01081	07	r.	r.r.
Squires Gate	318	81916	70016	03111	856//	09811	85635	88656		318	81917	70216	99212	855//	10721	83625	88656		318	05101	09	r.r.dr.R	d.r.r.r.Rpr.
Ronaldsway	204	82130	65036	98713	854//	10614	81712	85714	88620	204	62132	62216	94513	6643/	10618	81711	86716		204	04111	09	Rr.r.	r.Rr
Mull of Galloway	131	82150	65026	95112	5542/	11617	81710	84625	88459	131	72150	60016	89112	4553/	11839	84620	84365		131	97111			
Eskdalemuir	162	81927	60216	98010	872//	09609	84705	88708		162	81824	50636	93410	872//	10721	88705			162	17092	09	rrr.	Rrr
Prestwick	135	81924	62616	94811	7547/	10716	81712	83616	85630	135	72020	62216	89712	754//	10732	81712	83616	85622	135	13081	04	r.r.r.r	rrr.r.d.r.d.d.
Abbotsinch	140	82219	59616	93812	4542/	10814	81711	84622	88460	140	82023	57636	88512	4532/	10831	82708	83616	88540	140	26082	07	rrr.r.	RRrrr.r.
Leuchars	171	82125	75016	94512	654/7	08613	83618	85628	88270	171	81917	62616	90412	854//	09720	82716	83620	88645	171	01111	09	r.	ir.r.r.
Dyce	091	81824	70506	92411	854//	08724	88615			091	72016	80205	89112	754//	09723	87615			091	97091	09	ir.id.	d.ir.
Lerwick	005	81922	60616	86909	853//	09611	85706	88620		005	72030	70026	83211	5547/	09616	81710	84640	85360	005	02091	07	r.r.	r.r.ir.
Wick	075	71713	81016	88011	6557/	08712	84624	86656	87360	075	82118	80032	86411	4562/	05303	81630	84642	88459	075	01071	07	ir.	ir
Sule Skerry	010	81724	66636	85011	855//	10715	88625			010	82344	66036	83011	855//	10304	88625			010	02071	06		
Cape Wrath	049	82330	70606	83411	855//	10709	84620	88625		049	82330	80028	83309	855//	08340	88625			049	01061	06	ir.pr.	pr.
Stornoway	026	82032	60636	82511	853//	10627	83708	88615		026	72310	70256	86109	784//	08144	84817	86630		026	07072	06	rr	pr.
Benbecula	022	51928	70016	82911	35402	10627	81711	83630	85075	022	82310	80256	87309	884//	05313	83818	88630		022	02081	06	rr	r.pr.
Tiree	100	82030	50596	87411	863//	11608	84706	88709		100	82507	81216	88209	854//	07606	82618	88647		100	02091	07	r.r.dr.Rr.ir.	r.ir.pr.
Aldergrove	917	81819	80586	94312	854//	08612	82710	83614	88617	917	82509	58636	90709	6522/	08511	82703	86624	88550	917	04071	06	d.r.ir.r.	r.r.r.r.r.
Malin	980	62035	81206	88912	664//	09710	85712	85625		980	82314	60616	89708	6642/	06503	86712	88540		980	1107	07		
Belmullet	976	82316	64106	90411	863//	09207	82709	86714	85636	976	82014	56616	91109	863//	07310	85709	88712		976	0707	06		
Birr	965	81818	62606	95812	6642/	09714	86714	88458		965	52608	80256	94609	535//	07317	82920	84633		965	0408	06		
Dublin	969	82020	75605	97612	4547/	09616	82716	83626	88460	969	82223	80616	93511	854//	07515	83715	84624	87650	969	0211	07		
Shannon	962	81917	57586	94712	854//	11621	83712	88630		962	42418	80016	94810	48400	09220	81715	83635		962	0509	06		
Roches Point	952	81829	60215	99013	864//	11719	85710	88718		952	62027	65028	97512	654//	10302	82712	85646		952	01			
Valentia	953	82127	50616	95013	863//	12717	88708			953	32518	70018	97210	32500	07228	83823			953	1308	06		

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

ISSN 0307-2541

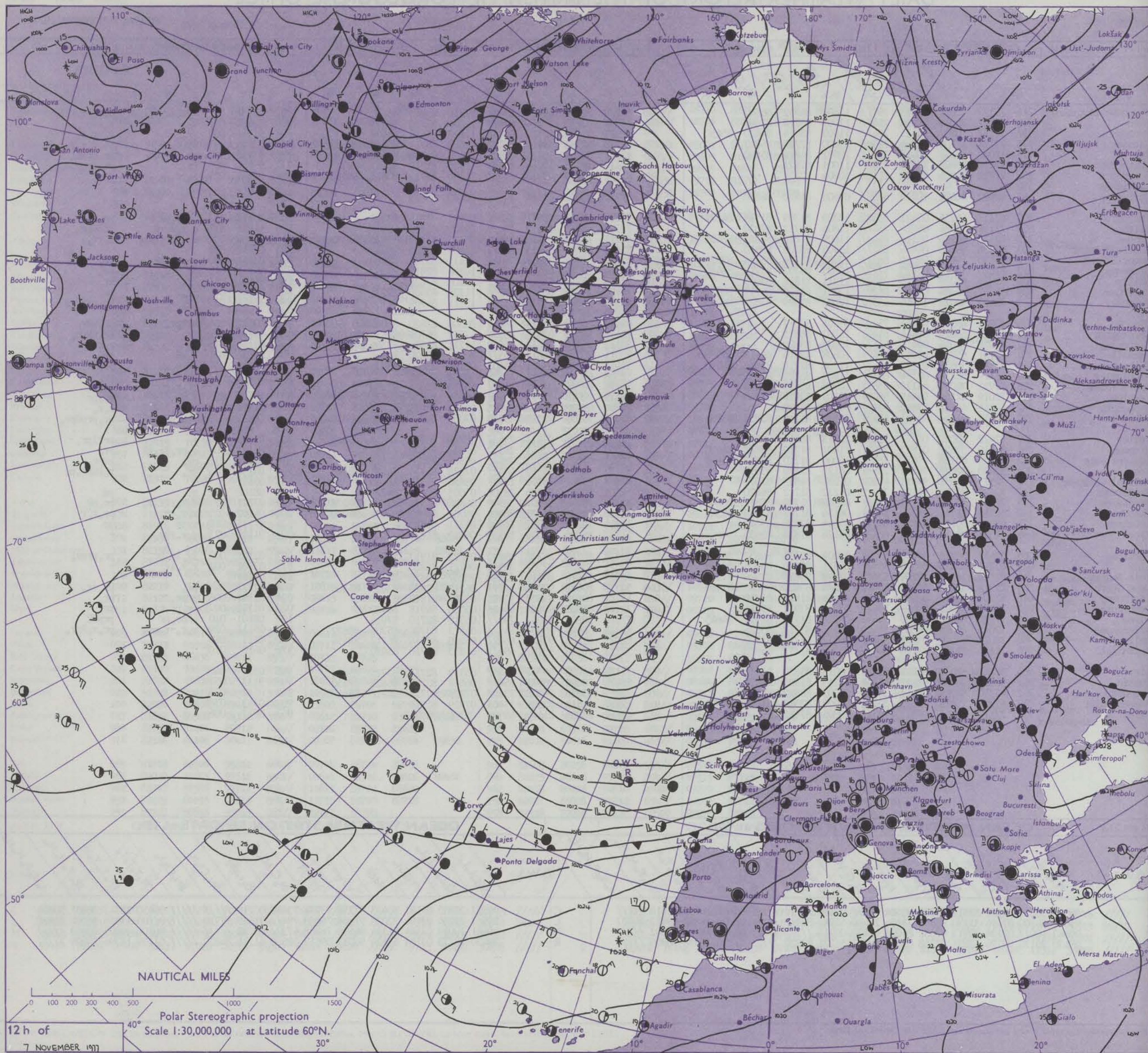
No. 42355

Date of Issue TUESDAY 8 NOVEMBER 1977

OBSERVATIONS at 12h. 7 NOVEMBER 1977										OBSERVATIONS at 18h. 7 NOVEMBER 1977										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>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 x T <sub>E</sub>	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	72123	70606	09813	754//	11002	84712	86640		746	82220	62216	09913	854//	11310	85615	88630		746	03131	001	d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> dr	d <sub>o</sub> r <sub>o</sub> rr <sub>o</sub> r <sub>o</sub> pr <sub>o</sub>	
Hurn	862	72022	70016	11514	754//	11001	85715	87540		862	82217	62216	11214	854//	12306	85710	88615		862	03152	001	r <sub>o</sub> r	r <sub>o</sub> rdr	
Manston	797	72122	70802	13413	784//	11003	83814	84630	85650	797	72027	75608	12313	654/8	11807	81616	86628		797	91141	009	pr <sub>o</sub>	r <sub>o</sub> -r <sub>o</sub> r <sub>o</sub>	
Gatwick	776	72121	62806	12014	7243//	11000	82714	86817		776	82123	57588	11414	854//	11500	83713	86618	88640	776	03141	003	r <sub>o</sub> pr <sub>o</sub> pr	pr <sub>o</sub> d <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> R	
Kew	775	72017	65158	10415	785//	10801	84820	85650		775	82017	57258	10114	884//	12400	82814	88630		775	93151	007	pr <sub>o</sub>	pr <sub>o</sub> prir <sub>o</sub>	
Heathrow	772	72016	65808	10914	725//	11001	87821			772	82117	70588	10214	854//	13501	81710	83615	88620	772	96151	005	pr <sub>o</sub>	pr <sub>o</sub> rr <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	
Honington	586	21920	80016	09314	21502	10804	82822			586	81921	63608	08613	854//	11500	83712	86618	88632	586	92151	025	r <sub>o</sub> pr <sub>o</sub>	r <sub>o</sub> r <sub>o</sub>	
Wattisham	590									590									590					
Gorleston	497	62022	66021	10213	685//	09603	84820	86630		497	81930	66022	09414	845//	10400	88625			497		027			
Aberporth	502	62117	66256	03411	63372	10309	81709	81918	84820	502	72225	62252	03511	5847//	08503	85815	87360		502	03121	015	pRpr <sub>o</sub> pr	pr <sub>o</sub> l	
Filton	628	72117	70586	06914	754//	11806	82712	87620		628	72310	68016	07812	28432	09309	81815	86075		628	14141	015	d <sub>o</sub> r <sub>o</sub> dr <sub>o</sub> R	pr <sub>o</sub> pr <sub>o</sub>	
Rhoose	715	82120	66206	06114	854//	11809	81616	86622	88635	715	72215	75038	07013	35402	08205	81710	83625	87072	715	04151	007	r <sub>o</sub> id <sub>o</sub> r <sub>o</sub> r <sub>o</sub> Rpr	r <sub>o</sub> rr <sub>o</sub> l	
Hartland Point	703	82736	60808	04414	852//	12703	85705	88640		703	82640	60038	04613	852//	11605	83705	88635		703	08142	001			
Mount Batten	827	82130	59252	09414	883//	12802	83706	85714	87820	827	82327	57028	09913	3631//	12111	83708	88460		827	03141	000	pr <sub>o</sub> r <sub>o</sub> pR	pR	
St.Mawgan	817	82620	35626	07413	5722//	12805	83703	85710	88460	817	72620	62026	08513	38438	10306	82812	83362	87275	817	09151	015	ir <sub>o</sub> R	pr <sub>o</sub>	
Scilly	804	32226	62016	07415	28402	11211	81818	83075		804	72323	60216	08312	755//	09208	87628			804	96151	021	ir <sub>o</sub>	ir	
Culdrose	809	82327	30606	07913	852//	13801	81705	86712	88620	809	72420	58016	08713	55608	11105	85640	87275		809	95141	005	ir <sub>o</sub>	pr <sub>o</sub>	
Guernsey	894	72123	68022	14614	65302	12002	82709	84620	86075	894	82317	30636	14913	852//	13311	84704	86706	88612	894	11151	025	ir <sub>o</sub>	ir <sub>o</sub> rr <sub>o</sub> r <sub>o</sub>	
Elmdon	534	72024	68215	04714	754//	09806	87617			534	62013	65018	05512	18532	09006	81820	86075		534	03141	004	r <sub>o</sub> rpr <sub>o</sub>	pr <sub>o</sub> rRr <sub>o</sub>	
Cardington	559	62223	68026	08415	61431	11803	86815			559	82416	50646	07613	853//	12302	86709	88620		559	09151	026	ir <sub>o</sub>	ir <sub>o</sub> rRpr <sub>o</sub>	
Wittering	462	62028	82016	06414	685//	10807	85820			462	52113	78016	06812	15532	11211	81626	83364	85075	462	02151	015	r <sub>o</sub>	r <sub>o</sub> r	
Watnall	354	72121	65216	03913	5847//	10808	82816	84618	86359	354	82011	56056	04812	855//	10009	83620	88640		354	08131	001	r <sub>o</sub> rR	pr <sub>o</sub>	
Sawbury	414	82512	50638	03212	4542//	11000	82710	83614	88550	414	52011	75026	03811	35602	08101	83640	85075		414	05141	004	pr <sub>o</sub> r <sub>o</sub> rR	pr <sub>o</sub>	
Finningley	360	72119	60256	02714	6856//	11803	85820	84635		360	32008	68028	03811	12432	09208	81815			360	02141	017	pr <sub>o</sub> r <sub>o</sub> rR	pr <sub>o</sub>	
Spurn Point	396	61922	72021	04113	5557//	10703	85625	86360		396	72114	68026	04412	5557//	10210	85620	87360		396			ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	ir <sub>o</sub>	
Leeming	257	72019	62156	99913	5843//	09109	83818	85640	85360	257	52212	70018	01711	15602	06004	81630	85070		257	96141	023	r <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub> pr	
Tynemouth	262	52316	66258	97012	536//	09109	85930			262	22307	69028	00110	00905	05109	82075			262	01141	039	pr <sub>o</sub> pr <sub>o</sub>	r <sub>o</sub> r <sub>o</sub>	
Carlisle	222	72516	81256	97111	68432	08127	81715	83822	85634	222	62007	75031	99310	49403	07006	81717	81920	83633	222	06131	038	pRpr <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub> pr <sub>o</sub> Rpr <sub>o</sub>	
Valley	302	72422	70028	00013	5247//	10213	85814	84359		302	72227	65298	99111	794//	09720	85812	82912	86645	302	05141	012	+	prtlpr <sub>o</sub>	
Ringway	334	82110	57628	01812	3842//	11801	81710	83818	88550	334	52009	70018	02911	28532	07801	81820	83360		334	05131	001	r <sub>o</sub> pr <sub>o</sub> Rr <sub>o</sub> rR	pr <sub>o</sub>	
Squires Gate	318	72223	60258	99612	784//	10000	81710	83818	86640	318	71911	62032	00811	784/2	09805	82818	86643		318	04141	013	pr <sub>o</sub>	pRpr <sub>o</sub>	
Ronaldsway	204	52420	82028	98512	28532	06125	82820	85070		204	82122	68601	96710	4842//	07829	81714	84818	88460	204	03131	034	pr <sub>o</sub>	r <sub>o</sub> rRpr <sub>o</sub> pr	
Mull of Galloway	131	72523	84031	97110	42502	06251	84825	87075		131	82027	83601	95710	1742//	08826	81710	88460		131	05122				
Eskdalemuir	162	72121	84028	96109	724/2	06232	81712	86820		162	51505	81031	99206	28506	05005	81820	84270		162	08102	002	pr	pR	
Prestwick	135	72514	80016	96107	784//	07240	81710	85817	86640	135	71512	70031	96509	38542	06804	81820	83360	87075	135	07111	023	d <sub>o</sub> r <sub>o</sub> rr <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	pr <sub>o</sub> pr	
Abbotsinch	140	62512	81216	94210	58472	08134	81712	83818	85359	140	71910	70038	96109	38402	06002	81818	83635	86070	140	04102	025	r <sub>o</sub> r <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub> r <sub>o</sub> r	
Leuchars	171	62424	80156	92810	685//	05244	82820	85640		171	12311	75021	96807	18500	05311	81820			171	97131	016	r <sub>o</sub> jp	jp	
Dyce	091	72607	86216	90410	68430	06126	81818	85635		091	21807	86026	95506	18533	04219	81820			091	01121	023	d <sub>o</sub> r <sub>o</sub> rRr <sub>o</sub>	+	
Lerwick	005	82413	80216	84608	6532//	07002	82708	86657	88462	005	52328	80258	88308	29420	05221	81912	84461		005	02102	000	ir <sub>o</sub> id <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub> prpr <sub>o</sub>	
Wick	075	82211	68626	88508	5557//	06311	82620	8																

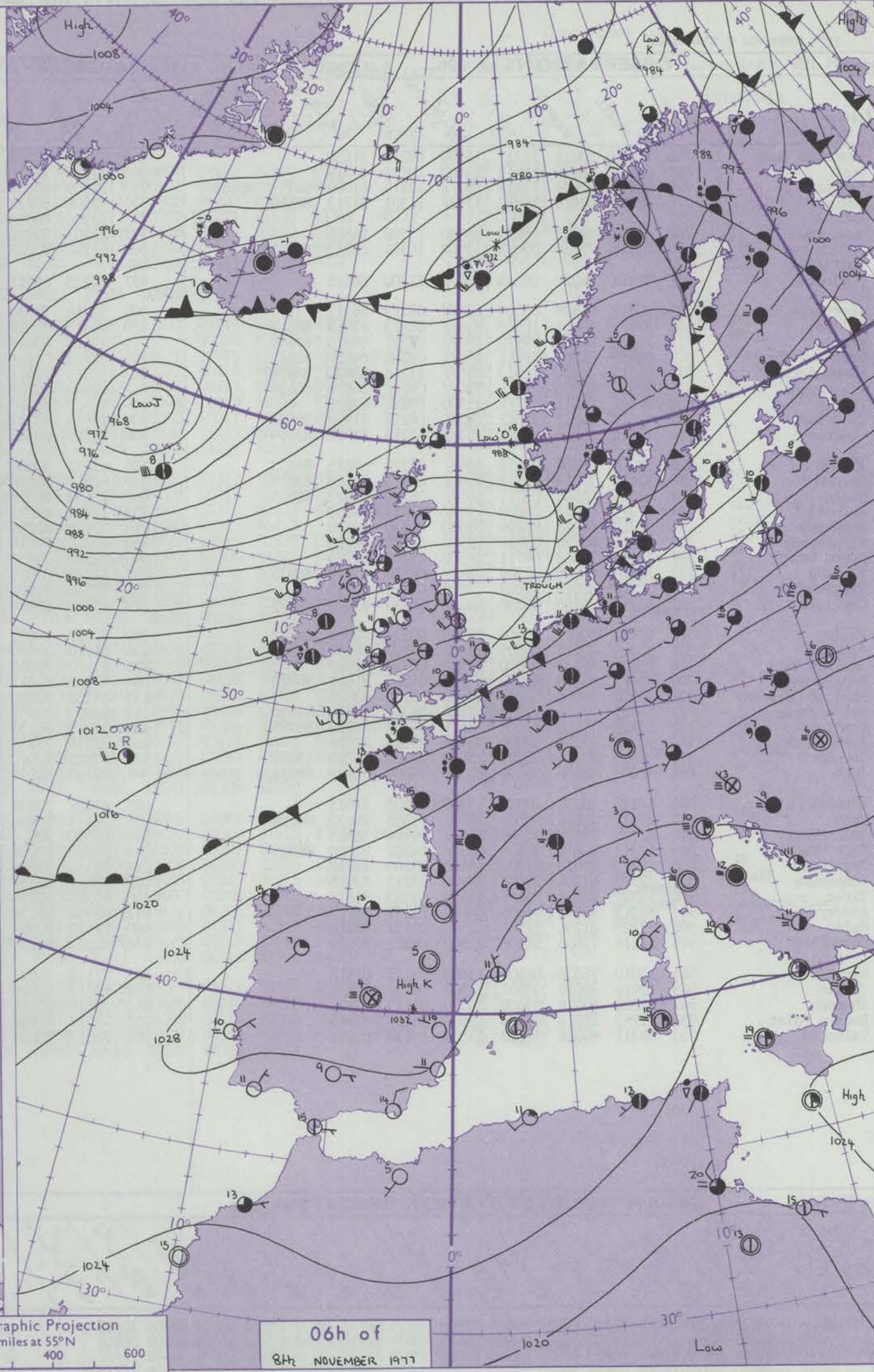
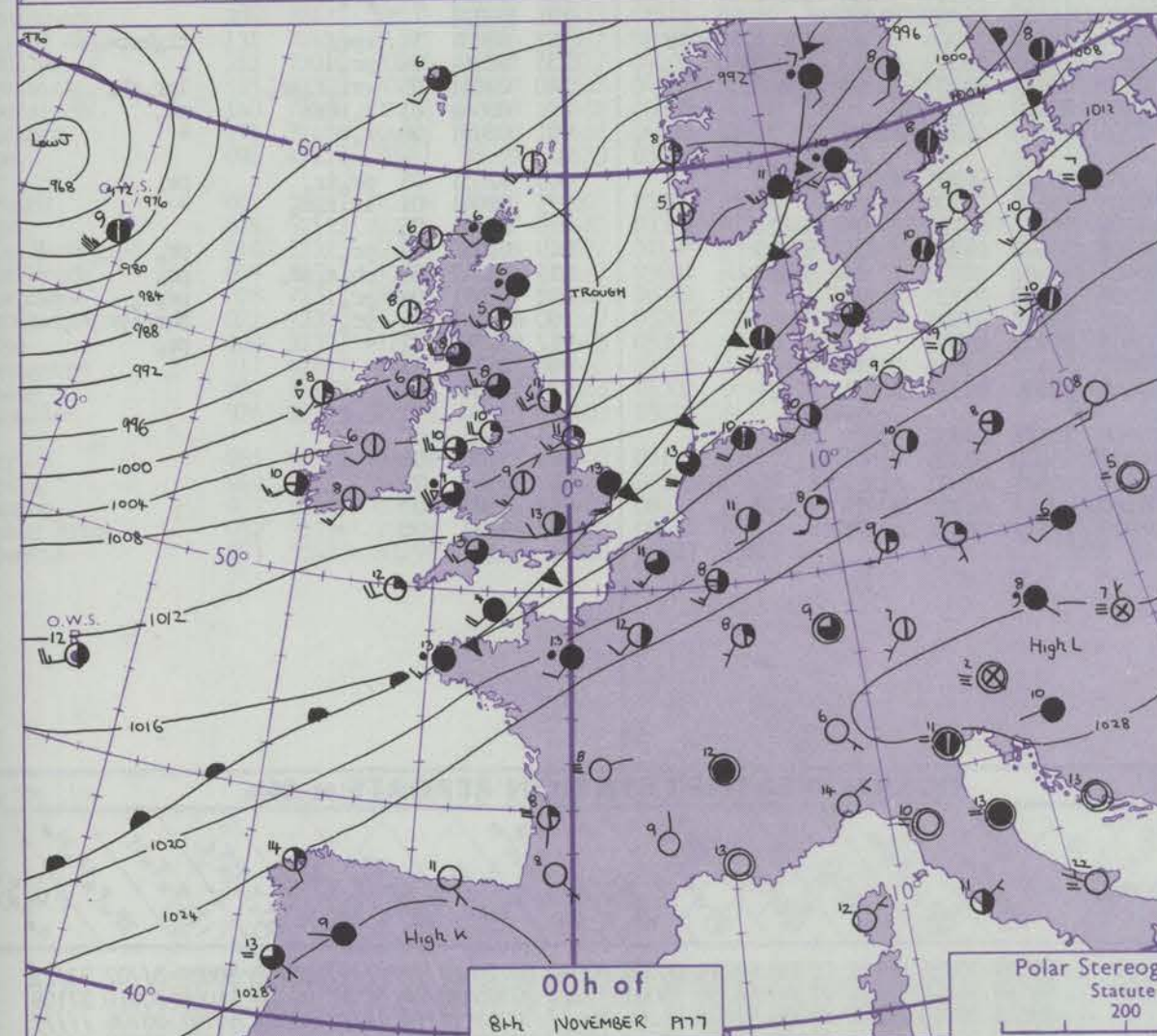
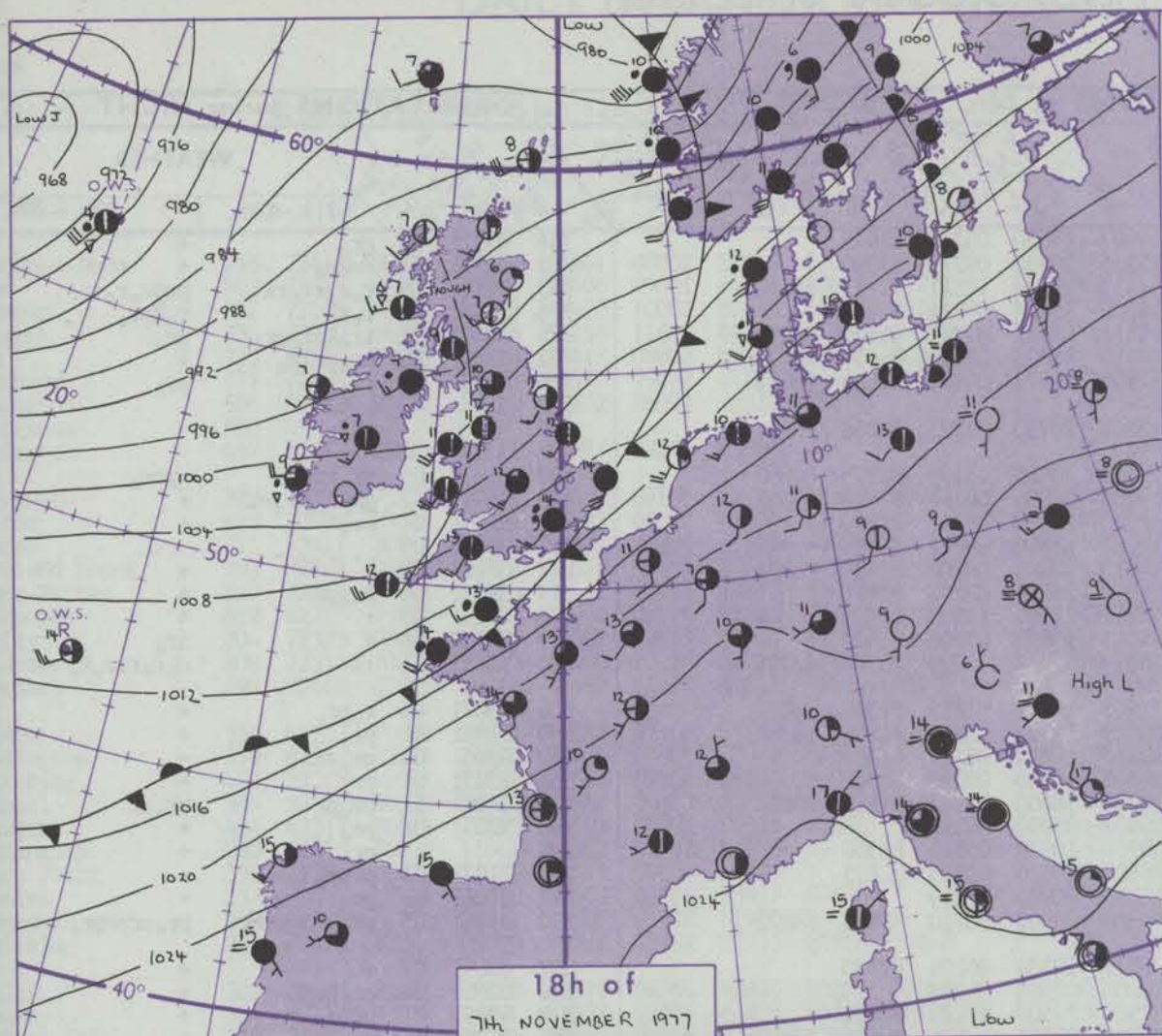


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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.

Under the influence of a deep depression south of Iceland troughs of low pressure have moved rapidly across the British Isles in a strong southwesterly flow in the past 24 hours. The low pressure centre is expected to move northeast and fill during the

next 24 hours as a further deep depression develops in mid-Atlantic and moves northeast. An unsettled southwesterly flow carrying troughs of low pressure will continue to dominate the British Isles.

Issued at midday TUESDAY 8 NOVEMBER 1977



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

Code FM II.V		OBSERVATIONS at 00h. 8 NOVEMBER 1977										OBSERVATIONS at 06h. 8 NOVEMBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> ChC <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	VVwwwW	PPPTT	N <sub>h</sub> ChC <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	RR	T <sub>g</sub> T <sub>g</sub>	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	12413	80011	11211	15700	08216	81650			746	12310	82028	14407	15600	05210	81645				746	93071	05	pr.	+		
Hurn	862	42413	58036	12612	45400	10223	84618			862	32207	58030	15211	30930	09213	83360				862	04101	07	drRr.	+		
Manston	797	82128	60626	11413	853//	12813	81709	84711	86616	797	82509	65638	14811	2742//	10211	82711	88550			797	08111	09	r <sub>o</sub> r <sub>o</sub> rr <sub>o</sub> rR	prpr <sub>o</sub> r <sub>o</sub> r		
Gatwick	776	82315	62616	11312	1742//	11301	81712	88556		776	72206	64218	14509	756//	09211	87640				776	05081	02	r <sub>o</sub> rR	r <sub>o</sub> Rpr <sub>o</sub>		
Kew	775									775	62206	65028	14411	685//	07213	81820	86650			775	04091	04	ir <sub>o</sub> Rrr <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub>		
Heathrow	772	42312	82028	10913	40930	11308	84364			772	62307	82026	14410	45802	07110	84657	84075			772	03091	06	pr <sub>o</sub> prlr <sub>o</sub>	+		
Donington	586	62216	75036	09013	58502	10301	82822	84643		586	62210	80018	12909	20972	05108	82465	86072			586	97081	05	r <sub>o</sub>	pr <sub>o</sub>		
Wattisham	590									590										590						
Gorleston	497	81918	66022	09213	845//	11400	88625			497	22210	66011	12811	20950	07221	82358				497						
Aberporth	502	62419	61808	08509	634//	07229	86912			502	52214	75038	11108	38432	05109	82815	84360			502	05071	05	pr <sub>o</sub> prphr	jprpr <sub>o</sub>		
Filton	628	82413	58808	10510	834//	08323	83915	88645		628	42413	81038	13409	48500	06214	82820	83650			628	01091	07	pr <sub>o</sub> prpr <sub>o</sub>	+		
Rhoose	715	72421	68808	09910	785//	07322	86823	87645		715	22413	80028	12910	22500	06212	82820				715	01091	07	pr <sub>o</sub>	+		
Hartland Point	703	62830	74258	09911	685//	09230	84820	86635		703	22723	78031	12711	18540	08212	81820				703	01100	09				
Mount Batten	827	82519	70031	12513	855//	11216	83620	88656		827	32513	75011	14613	38500	09206	81820	83656			827	00121	09	+	+		
St. Mawgan	817	72916	62808	12211	784//	09218	84818	86628		817	22409	80028	14309	28400	08204	81815				817	03091	06	pr <sub>o</sub> PR	+		
Scilly	804	22522	82011	12712	22500	09221	82820			804	12413	81020	14312	12500	10205	81820				804	00111	08	+	+		
Culdrose	809	52617	65018	12512	59500	08219	81920	84630		809	12614	65011	14511	15630	09206	81630				809	97110	08	+	ir <sub>o</sub>		
Guernsey	894	72514	65216	15412	753//	12213	82706	87614		894	82319	60586	16813	872//	13209	85704	87709			894	11111	11	ir	d <sub>o</sub> r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub>		
Elmdon	534	62316	66806	08110	684//	07223	82815	85633		534	42112	80038	11908	10942	05115	81364	83072			534	93071	05	r <sub>o</sub> pr <sub>o</sub>	+		
Cardington	559	32417	75016	09212	15601	09313	81640	83075		559	42312	81038	13109	15732	06218	81656	84365			559	91081	06	pr <sub>o</sub>	+		
Wittering	462	62315	82808	07711	685//	08216	82822	86635		462	22107	80038	12407	10932	06222	81365				462	92061	04	pr <sub>o</sub> pr	+		
Watnall	354	72313	68028	06609	7093//	07219	87359			354	12209	62021	11306	10940	05218	81359				354	95051	01	pr <sub>o</sub>	+		
Shawbury	414	32313	80028	06809	38500	06330	82820			414	32108	81258	10706	38402	05313	81818	83657			414	01041	51	pr <sub>o</sub> pr	pr <sub>o</sub> pr		
Finningley	360	22412	80258	04710	28500	07218	81825			360	02210	81010	09607	00900	04217					360	92051	02	pr <sub>o</sub>	+		
Spurn Point	396	22314	75018	04711	26500	07308	82725			396	12318	75030	09209	10970	05219	81360				396			pr <sub>o</sub>	+		
Leeming	257	72520	65258	02509	784//	06328	85818	86635		257	12216	82021	06508	15600	03015	81635				257	01071	03	prpr <sub>o</sub>	+		
Tynemouth	262	22510	80018	09109	23600	05310	82930			262	02510	81020	04407	00900	01219					262	01061	03	pr	+		
Carlisle	222	62717	75258	00308	685//	06335	83820	84628		222	42210	80038	04308	29402	05110	81918	83072			222	05061	03	pr <sub>o</sub> prprphr	pr <sub>o</sub> prprpr <sub>o</sub>		
Valley	302	52623	80012	05610	52400	05239	82816	84822		302	22527	80031	08011	22500	06106	82820				302	00091	07	+	+		
Ringway	334	12214	80018	05509	15702	07227	81650			334	01910	82020	10006	00900	04217					334	02051	04	pr <sub>o</sub> prpr	+		
Squires Gate	318	22622	80258	03910	22500	08334	82820			318	22420	80038	07509	22500	07113	82822				318	95091	07	prpr <sub>o</sub>	+		
Ronaldsway	204	62623	80038	03309	685//	04244	81820	86822		204	42423	82011	05709	28502	00206	82828	83070			204	91081	06	pr <sub>o</sub>	+		
Mull of Galloway	131	32520	84016	01108	35500	05244	83620			131	12332	81020	03008	15500	05204	81620				131	00071					
Eskdalemuir	162	52415	70256	99706	58400	04341	83818	84630		162	81809	70951	03704	894//	03006	82917	83824	85630			162	03031	51	rpr <sub>o</sub>	tl <sub>o</sub> hrpr <sub>o</sub>	
Prestwick	135	62620	70018	99208	38501	04337	81820	86075		135	52215	80132	02107	28501	03302	81823	85075			135	93061	04	pr <sub>o</sub>	l		
Abbotsinch	140	32713	75258	98006	29403	03332	81916			140	72218	75258	00608	684/2	05207	84818	84640			140	03051	03	rrr <sub>o</sub> r <sub>o</sub> pr <sub>o</sub>	lpr <sub>o</sub> ph <sub>o</sub>		
Leuchars	171	32415	70216	95205	15432	03204	81712	83075		171	02222	82010	99306	00900	03009					171	06041	03	r <sub>o</sub> rRrr	pr <sub>o</sub>		
Dyce	091	82008	58636	93406	855//	05609	81622	88628		091	22108	86036	97704	25500	01318	82625				091	02031	50	r <sub>o</sub> r	+		
Lerwick	005	12115	70018	89907	15500	06203	81625			005	62421	57808	89606	683/1	04305	81709	83815			005	02051	03	pr <sub>o</sub> ir <sub>o</sub>	pr <sub>o</sub>		
Wick	075	82212	70616	92506	855//	05303	84620	88628		075	22115	82036	93605	15632	01209	81635				075	01041	01	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	+		
Sule Skerry	010	82325	74028	90709	855//	09104	88625			010	62330	82051	91309	5846//	07101											



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

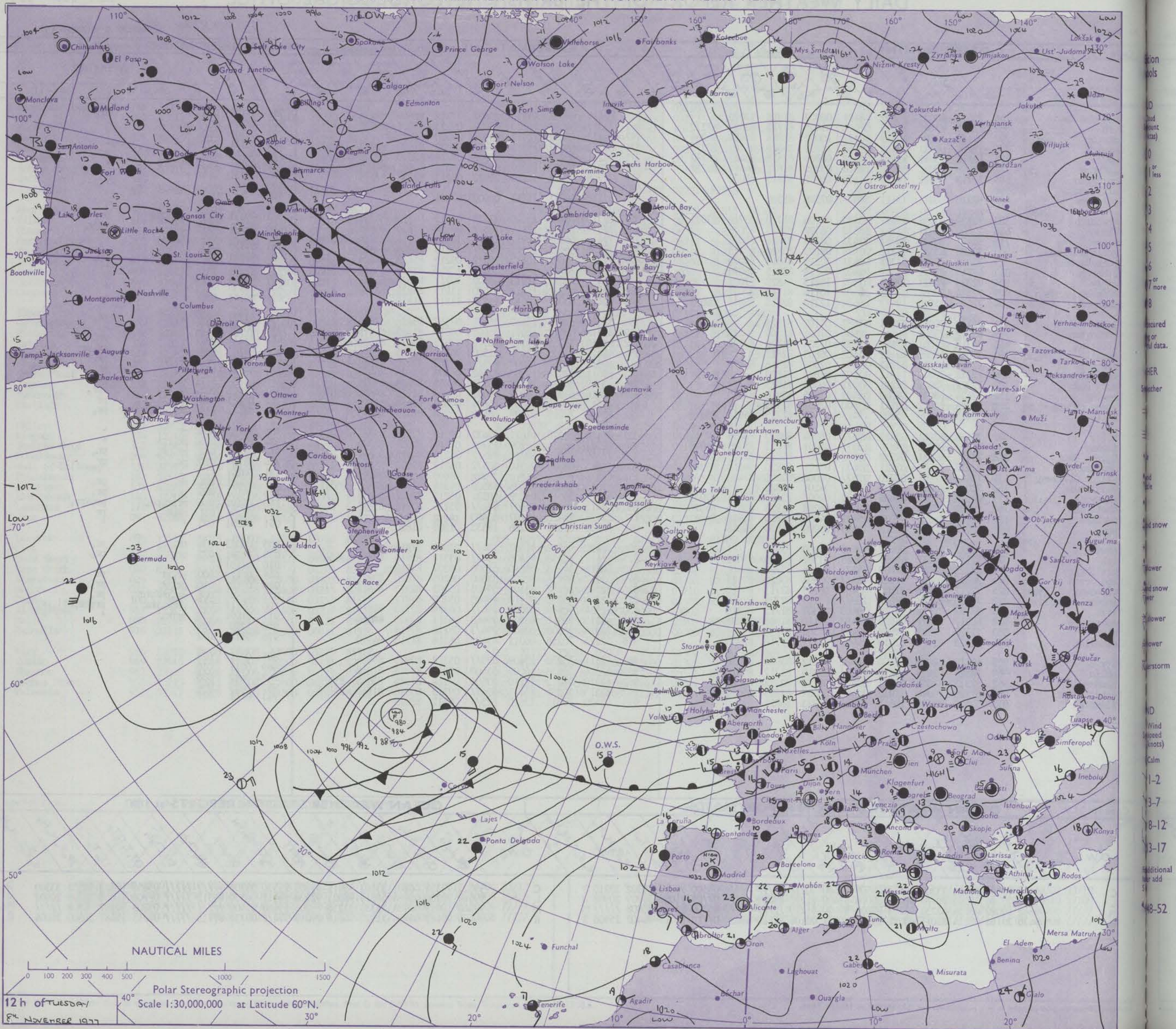
No. 42356

Date of Issue WEDNESDAY 9 NOVEMBER 1977

OBSERVATIONS at 12h. 8 NOVEMBER 1977											OBSERVATIONS at 18h. 8 NOVEMBER 1977											OBSERVATIONS during DAY					
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 x T <sub>E</sub>	SSS	WEATHER					
																						09h.—15h.	15h.—21h.				
Boscombe Down	746	72411	80021	15912	18401	08002	81818	87072		746	82411	80258	18210	25607	07219	82640	88272		746	97131	024	+	pr.				
Hurn	862	72315	81801	16514	38406	09001	81715	83820	87272	862	72312	80028	19213	00902	09323	83070	86075		862	97151	027	pr.	+				
Manston	797	72109	73026	16713	48477	10002	81818	84650	86364	797	62112	70012	18411	00902	09320	86072			797	00141	010	+	+				
Gatwick	776	72209	66151	16313	58458	11000	84816	85360	87270	776	82313	65032	18311	15937	08222	81630	83362	88272	776	00141	005	+	+				
Kew	775	62110	75032	15813	28418	08803	82818	83462	86272	775	72211	80022	17612	25648	08316	82640	87272		775	00141	011	+	+				
Heathrow	772	72008	70031	16113	28576	09802	81822	84464	86272	772	62210	75022	17812	45702	09316	84656	84072		772	00141	012	+	+				
Honington	586	52113	84022	14911	11472	06001	81818	85070		586	72208	81022	16010	20932	05213	82362	87075		586	00131	014	+	+				
Wattisham	590									590																	
Gorleston	497	52210	66011	15111	50977	07206	85360			497	02113	66011	15511	00900	07306				497		012						
Aberporth	502	72220	75258	13011	53432	07106	81710	83916	87072	502	82313	70808	15010	42437	07113	84819	88272		502	09111	019	pr. prpHR	pr.				
Filton	628	72409	75011	15212	15532	08002	81625	87075		628	72412	75258	17411	78577	09320	83820	86630		628	01131	017	+	pr. pr.				
Rhoose	715	52411	80011	15312	12432	08209	81816	85072		715	72614	66808	16911	78477	10316	82714	85818	86628	715	93131	019	pr. pr.	pr.				
Hartland Point	703	72628	83011	14312	32578	09105	83820	87275		703	72730	66022	16712	62377	10218	86808	83360		703	01130	013	+	+				
Mount Batten	827	72418	80021	17313	42431	10213	83818	84070		827	72714	65802	19613	78472	09215	85818	84624		827	97141	040	+	pr.				
St. Mary's	817	62715	75011	16913	22402	09216	82815	86070		817	72713	70022	18912	28478	10215	82816	83465	87270	817	00141	045	+	+				
Scilly	804	72323	70021	17013	12502	10213	81820	87075		804	42418	70011	19513	25502	10217	82628	84075		804	00141	035	+	+				
Culdrose	809	72514	70031	17013	10402	10114	81712	87072		809	62515	65032	19312	42570	11215	84820	83365		809	00130	027	+	+				
Guernsey	894	72416	81026	19413	68432	12210	82812	85645	86075	894	32414	80011	22612	11432	11212	81810			894	00141	036	+	+				
Elmdon	534	22113	70031	13511	11482	07102	81815			534	52108	65251	15110	35531	07317	83626	83070		534	01121	046	pr.	pr.				
Cardington	559	62212	75031	14912	20986	07801	82360	86273		559	52418	65012	16011	15602	08310	81630	85075		559	00131	017	+	+				
Wittering	462	32318	81031	13411	11532	07804	81820	83075		462	62510	75251	15110	48502	07315	82823	84636	85075	462	97111	047	+	pr.				
Watnall	354	32312	68030	12412	21502	06803	82825			354	42410	62808	13909	41500	06317	84825			354	01121	042	pr.	pr. pr.				
Shawbury	414	42317	80011	11512	39403	07802	82916	83070		414	62315	72258	13409	69577	08212	82920	85640		414	02131	040	pr. pr.	pr.				
Finningley	360	12318	70020	11011	11502	07802	81820			360	62311	80028	12308	12542	06306	81825	86072		360	94131	054	+	pr.				
Spurn Point	396	12321	75020	11311	11571	06006	81825			396	52319	68018	12110	20971	06211	82360	85075		396			+	pr.				
Leeming	257	72424	68031	08010	39403	05806	83918	87070		257	72516	65809	09809	59432	05213	81915	84825	85070	257	06111	002	pr. tlr	pr.				
Tynemouth	262	12325	81020	05511	13600	02802	81930			262	42510	81028	06409	15604	04000	81630	84075		262	02111	050	pr.	pr.				
Carlisle	222	72415	65808	05909	79477	05102	82715	85918	85628	222	62408	70019	07309	38432	05220	81817	85070		222	03111	019	pr. prpHR tlr pr	pr.				
Valley	302	72430	82021	09412	58577	08304	83820	83656	87362	302	72424	81028	11611	22432	07318	82818	83365	87075	302	97121	008	pr.	+				
Ringway	334	72115	80251	12110	18572	05001	81825	85359	86070	334	72011	68036	12709	25702	07217	82650	87070		334	02111	025	pr. r. r	+				
Squires Gate	318	72420	80031	09212	28577	09206	81822	87465		318	72519	65808	10710	78577	08218	84825	86643		318	01121	022	pr. pr	pr.				
Ronaldsway	204	72422	82031	07211	58633	05101	83830	84650	85360	204	72525	80808	09310	68572	06217	82820	85630		204	01131	020	pr.	pr				
Mull of Galloway	131	72428	81031	05010	22577	06008	82825	87460		131	42535	81011	06210	05005	05005	82630	84075		131	00101							
Eskdalemuir	162	72018	80259	05008	72577	04201	87820			162	62015	83038	06606	48502	04314	82821	83632	85072	162	93081	001	pr.	pr.				
Prestwick	135	72320	70022	03409	43532	04005	82925	83645	87075	135	62319	80018	05009	58537	05212	82822	84636		135	94101	009	pr.	pr.				
Abbotsinch	140	72220	70258	01909	49432	06208	81918	83825	86070	140	62412	70258	03607	63477	05214	82915	85635		140	06101	016	pr. pr. ph.	pr. pr.				
Leuchars	171	72420	68038	01008	29432	04005	82815	81918	84362	171	32425	75028	01207	13403	04202	81916			171	06101	031	pr. pr.	pr.				
Dyce	091	42217	82011	985																							

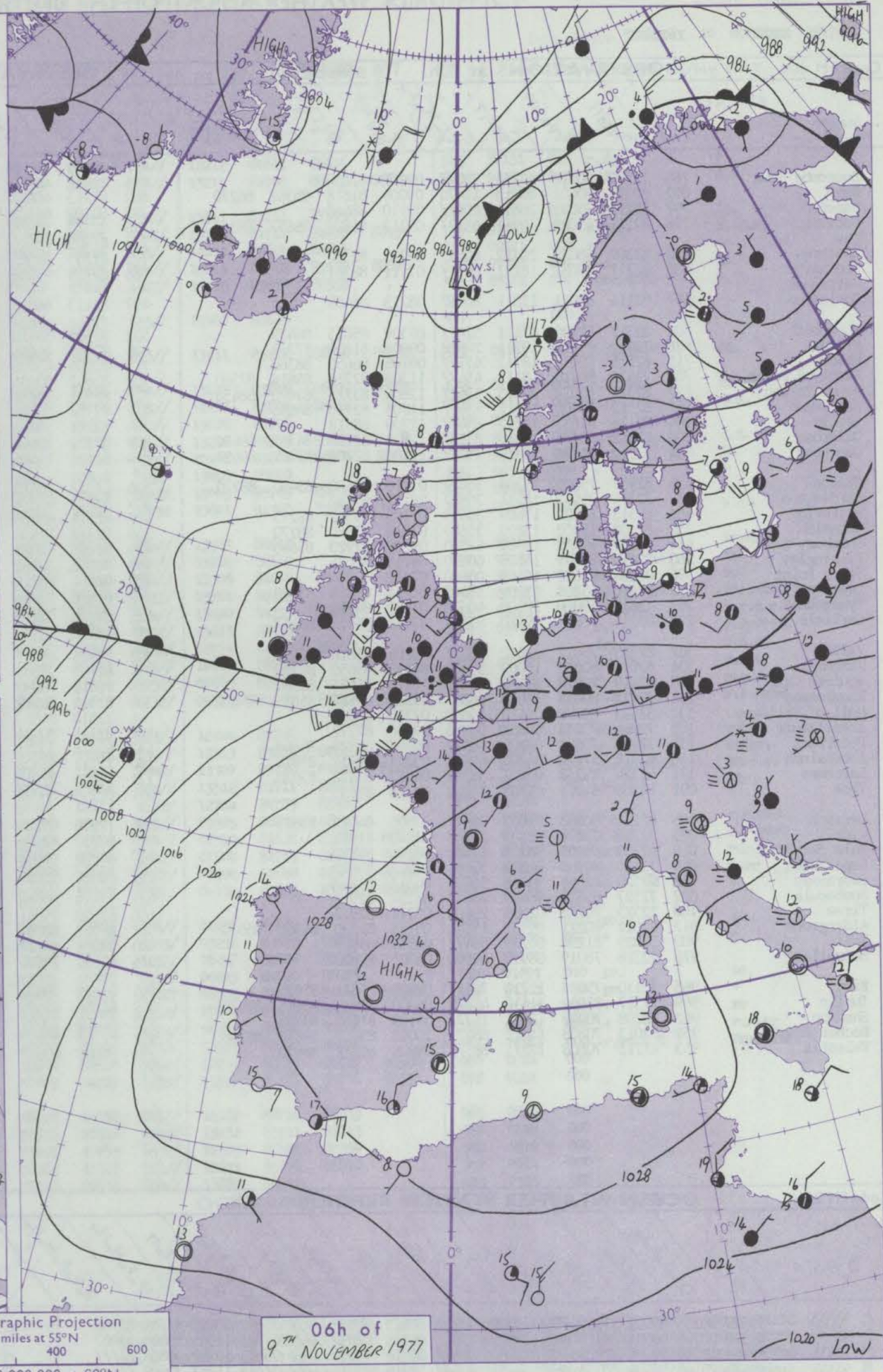
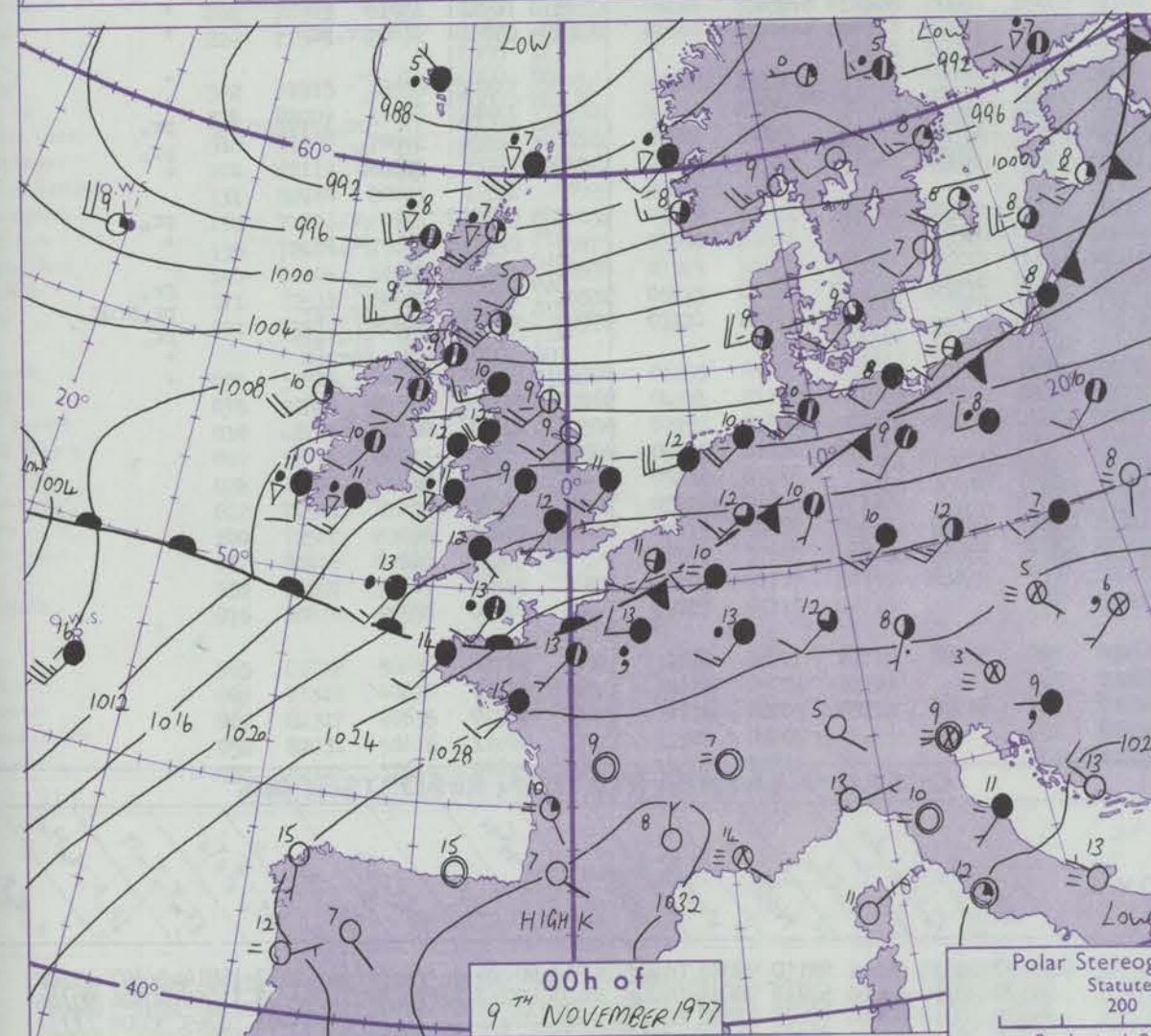
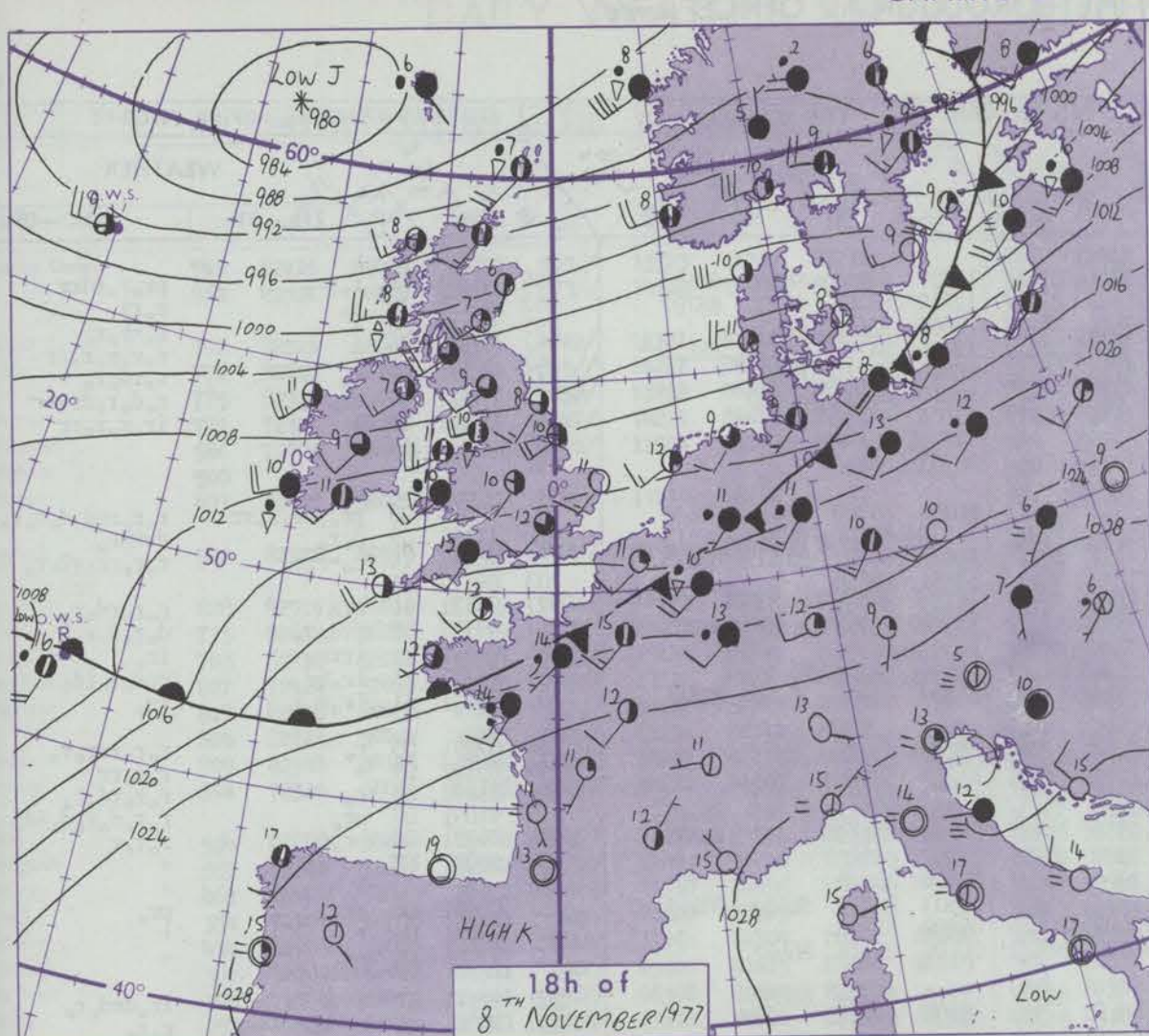


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 south of Iceland moved northeast and filled during the past 24 hours. A depression in mid-Atlantic deepened as it moved northeast and an associated trough of low pressure moved northwards into southern England.

During the next 24 hours the trough of low pressure will move northwards across much of the country as the deep depression continues to move steadily towards the British Isles.

Issued at midday WEDNESDAY 9 NOVEMBER 1977



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

Code FM II.V		OBSERVATIONS at 00h.										9 November 1977		OBSERVATIONS at 06h.										9 November 1977		OBSERVATIONS during NIGHT									
Station		iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> C <sub>L</sub> h <sub>C</sub> M <sub>CH</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> C <sub>L</sub> h <sub>C</sub> M <sub>CH</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> T <sub>E</sub>	T <sub>g</sub> T <sub>g</sub>	WEATHER												
																								21h.—03h.	03h.—09h.										
Boscombe Down		746	72309	80212	20310	757//	09209	87650			746	81812	48598	16711	851//	11727	83702	86705	88615		746	06101	09	r <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub> r <sub>o</sub> rdrr										
Hurn		862	62311	80601	20913	11476	09006	81818	85362	86270	862	81913	40616	18113	872//	12719	83705	86706	88707		862	04121	10	r <sub>o</sub>	r <sub>o</sub> rR										
Manston		797	82211	75022	20611	8092//	09110	88460			797	82109	66602	19811	855//	10806	82626	88656		797	94111	09	+	r <sub>o</sub> -r <sub>o</sub> r <sub>o</sub>											
Gatwick		776	82211	65022	20911	6557//	09213	81620	86657	88360	776	82212	50586	18812	853//	12716	84707	86616	88624		776	03102	08	+	d <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> dr										
Kew											775	81905	62616	18111	854//	10814	83710	88635		775	02112	09	r <sub>o</sub>	r <sub>o</sub> rd <sub>o</sub> r <sub>o</sub>											
Heathrow		772	82307	68022	20312	8097//	09212	82360	88462		772	81705	58586	18311	854//	10815	83612	88635		772	03111	09	r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> dr											
Honington		586	82217	80032	18111	8097//	07111	88361			586	82111	65606	17611	857//	08504	88650			586	03101	08	+	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> rr											
Wattisham																																			
Gorleston		497	82114	66021	17811	8091//	08213	88458			497	82113	66022	17711	8091//	08703	88460			497															
Aberporth		502	82317	62808	17111	5247//	09309	85815	88459		502	81508	58618	13210	853//	10724	83708	85615	88635		502	10091	09	pr <sub>o</sub> pr <sub>o</sub> r <sub>o</sub> rr	r <sub>o</sub> r <sub>o</sub> rrd <sub>o</sub> d <sub>o</sub> r <sub>o</sub>										
Filton		628	72413	75018	19111	28578	09006	81820	87272		628	80906	40656	15311	7732//	11830	83706	86709	88518		628	11101	09	d <sub>o</sub> r <sub>o</sub>	drRRr <sub>o</sub>										
Rhoose		715	82515	75038	18712	6577//	08106	86650	88360		715	81006	45636	14111	851//	10837	84702	85705	88613		715	18112	10	r <sub>o</sub> -r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> rrr <sub>o</sub> rRrr <sub>o</sub>										
Hartland Point		703	72520	80216	18212	4547//	11308	82710	84616	87360	703	82642	50636	11513	884//	13851	88618			703	09112	11													
Mount Batten		827	82318	65028	20713	5542//	12804	83711	83620	88458	827	82331	50636	16914	871//	14617	85702	88704		827	06121	11	rrR	r <sub>o</sub> r <sub>o</sub> rd <sub>o</sub> r <sub>o</sub>											
St.Mawgan		817	82512	70606	19712	854//	11806	82710	88656		817	82724	50586	16015	872//	14506	83703	86704	88706		817	09112	09	rrd <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> R										
Scilly		804	82116	62636	19113	854//	12709	88618			804	82327	56026	15814	863//	14301	88707			804	04131	11	irrr	ir <sub>o</sub>											
Culdrose		809	82315	60606	19913	852//	12803	81703	84705	88650	809	82522	12506	17114	871//	14301	88707	88702		809	05121	11	ir <sub>o</sub> rr	rrd <sub>o</sub> r <sub>o</sub> id <sub>o</sub>											
Guernsey		894	72112	66606	23513	753//	12106	82706	83709	86621	894	82121	61606	21014	853//	14607	83706	85708	87615		894	93121	11	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	ir <sub>o</sub>										
Elmdon		534	82107	75021	17309	35627	07210	83630	83460	88270	534	82011	70612	15710	6562//	09710	86640	88558		534	02091	05	r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub>											
Cardington		559	72314	75012	18511	7092//	08111	87460			559	82013	64616	17311	856//	09712	83635	88656		559	05102	09	+	r <sub>o</sub> r <sub>o</sub> rr											
Wittering		462	82313	68022	17409	30937	07109	83362	88275		462	82114	65616	16410	5567//	08606	85645	88460		462	01091	08	r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> rd <sub>o</sub> r <sub>o</sub>											
Watnall		354	82408	59058	15809	35607	07210	83640	88270		354	82310	57588	14809	5542//	09707	82712	85640	88460		354	91091	07	pr <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> id <sub>o</sub>										
Shawbury		414	72109	70808	16009	69503	09209	82920	85645		414	82005	72028	14311	854//	09708	81613	85620	88635		414	03091	07	pr <sub>o</sub> pr	r <sub>o</sub> r <sub>o</sub> r										
Finningley		360	22110	80031	14609	00902	06215	82075			360	82008	70031	13809	8097//	07807	88462			360	00081	05	+	+											
Spurn Point		396	02314	65021	14409	00900	07212				396	62314	65011	13910	6092//	09504	86460			396			+	+											
Leeming		257	62410	65808	12809	58502	06214	83820	85070		257	81808	70038	11510	7542//	08503	83618	86625	88462		257	02081	06	pr <sub>o</sub>	pr <sub>o</sub>										
Tynemouth		262	42610	69020	10109	40930	03222	84358			262	30000	69020	10408	30930	05202	83358			262	00071	04	+	+											
Carlisle		222	82514	70038	09910	855//	07215	85626	88647		222	72407	70028	10209	684/2	08104	82716	86647		222	97081	04	pr <sub>o</sub>	+											
Valley		302	82325	75022	13612	884//	10104	82816	88650		302	82216	65602	12312	853//	11710	85709	88633		302	92111	10	+	ir <sub>o</sub> drd <sub>o</sub> r <sub>o</sub>											
Ringway		334	82012	80022	15009	55707	08213	85650	88270		334	82113	75608	13910	857//	07807	88656			334	92081	07	r <sub>o</sub> pr <sub>o</sub>	r <sub>o</sub> r <sub>o</sub>											
Squires Gate		318	82419	70028	13412	1567//	10215	81635	88360		318	72412	70032	12511	60932	10804	86362	87070		318	00111	09	+	+											
Ronaldsway		204	72421	30038	11611	6857//	07211	83824	85630	87459	204	82513	80038	11210	2847//	08602	81818	88462		204	92101	07	pr <sub>o</sub> pr	+											
Mull of Galloway		131	32532	80030	09410	35600	07310	83630			131	22518	84030	10510	25600	06005	82630			131	00091			+											
Eskdalemuir		162	72016	70032	09007	00906	04114	87272			162	32114	80021	10006	00902	04106	83072			162	00051	02	+	+											
Prestwick		135	72422	70031	07209	685/2	06107	83824	85640		135	62416	70021	08909	684//	06106	81818	84640		135	00081	05	+	+											
Abbotsinch		140	62818	57878	06207	694//	05315	82712	85918		140	12311	65028	07708	18400	06108	81818			140	04061	04	pr <sub>o</sub> lprphpr <sub>o</sub> s <sub>o</sub>	pr <sub>o</sub>											
Leuchars		171	42324	75258	04907	38502	04217	83822	83070		171	12414	81018	06206	18500	04209	81820			171	96051	03	pr <sub>o</sub>	pr <sub>o</sub>											
Dyce		091	12208	84011	01805	15602	01110	81635			091	02209	86010	03106	00900	00207				091	00041	51	+	+											
Lerwick		005	82224	60808	92007	894//	07805	84912	88627		005	72336	65258	89508	784//	06814	85815			005	06072	50	pr <sub>o</sub>	pr <sub>o</sub>											
Wick		075	32326	75808	97107	29460	03208	81915			075	12317	82028	98707	10940	04311	81359			075	06061	03	pr <sub>o</sub> pr	+											
Sule Skerry		010	42329	66258	93909	42500	08105	84820			010	32333	66028	95109	32500	08215	83820			010	03061	06													
Cape Wrath		049	32324	80808	94209	33500	07207	83925			049	22327	80258	96209	23500	07212	82925			049	95051	05	pr <sub>o</sub>	pr <sub>o</sub>											
Stornoway		026	52520	62808	95608	59400	06317	85914			026	62721	60818	00008	694//	05327	86912			026	02061	03	pr <sub>o</sub> pr	pr <sub>o</sub> prpr <sub>o</sub>											
Benbecula		022	72527	65818	98609	794//	06224	87915			022	22519	80258	03008	29400	07222	82915			022	01081	06	ph <sub>o</sub> r <sub>o</sub> pr	pr <sub>o</sub>											
Tiree		100	22525	70278	02509	29400	05217	82918			100	62520	75031	05310	5853//	06211	82820	84635		100	07061	04	phrphR	+											
Aldergrove		917	72011	80211	09507	15641	05115	81630	84360	85070	917	41907	80021	10406	00901	05303	84075			917	91051	03	ir <sub>o</sub>	+											
Malin		980	52325	81258	06109	594//	06114	85918			980	32318	80018	07708	33400	06207	83918			980	0606	04													
Belmullet		976	22318	78019	08910	29500	06301	82920			976	42102	74031	08308	15632	06604	81635	83070		976	0307	04													
Birr		965	72110	75038	11710	785//	08004	85821	85635		965	81402	70032	10710	856//	07711	88635			965	9709	05													
Dublin		969	72317	82032	11610	455/2	06000	81625	83645	87070	969	61806	82022	11310	6097//	08706	86462			969	0009	05													
Shannon		962	82208	70028	12611	1577//	09109	81650	88460		962	81208	70022	09810	854//	09611	83717	85624	87640		962	9710	06												
Roches Point		952	82013	70808	14611	6847//	10003	83817	86640	88358	952	81208	56618	10711	872//	11616	88705			952	0510	09													
Valentia		953	81711	70808	12411	885//	09804	86821	86630		953	80000	60618	09011	864//																				



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

Date of Issue THURSDAY 10 NOVEMBER 1977

No. 42357

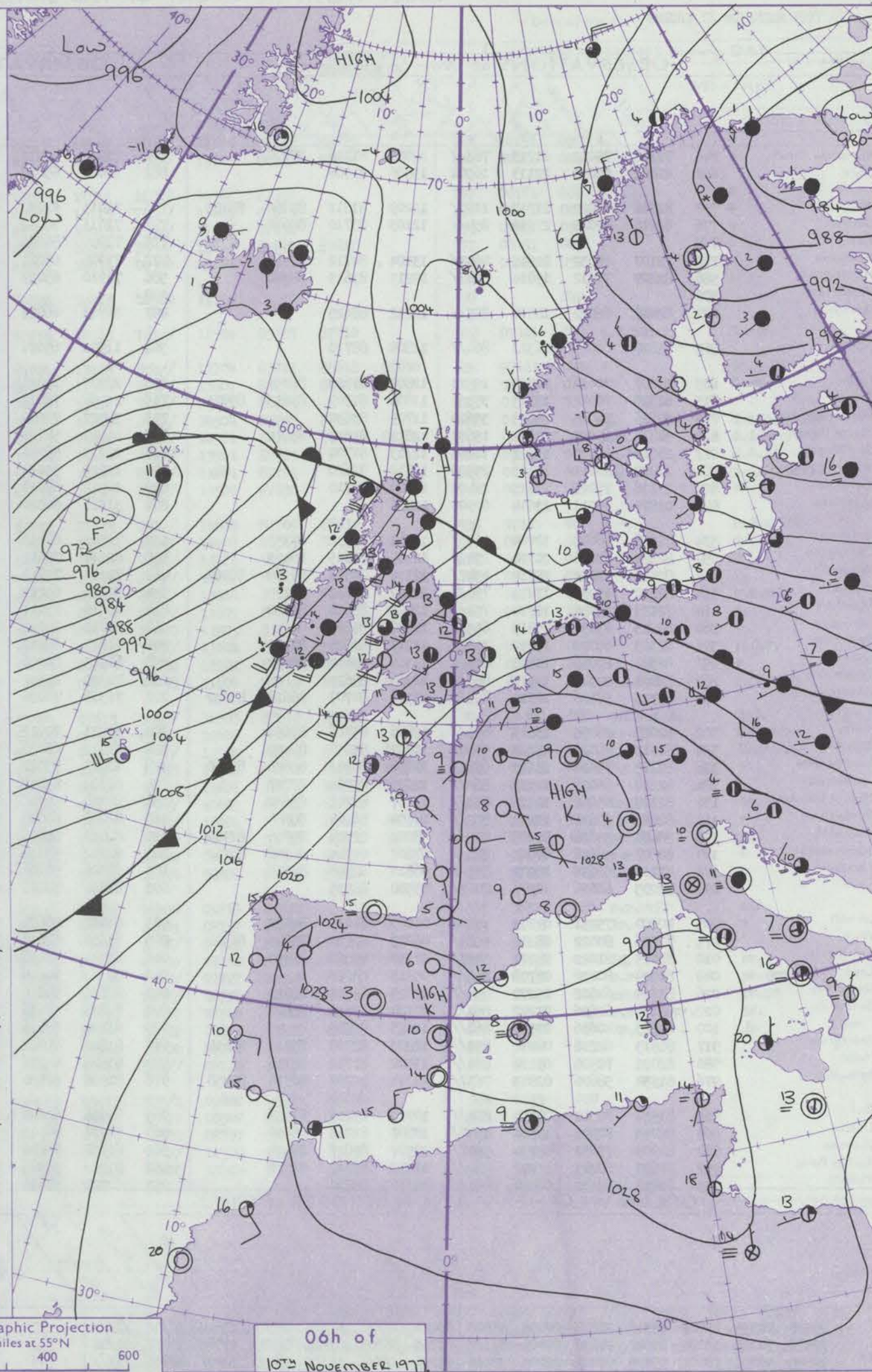
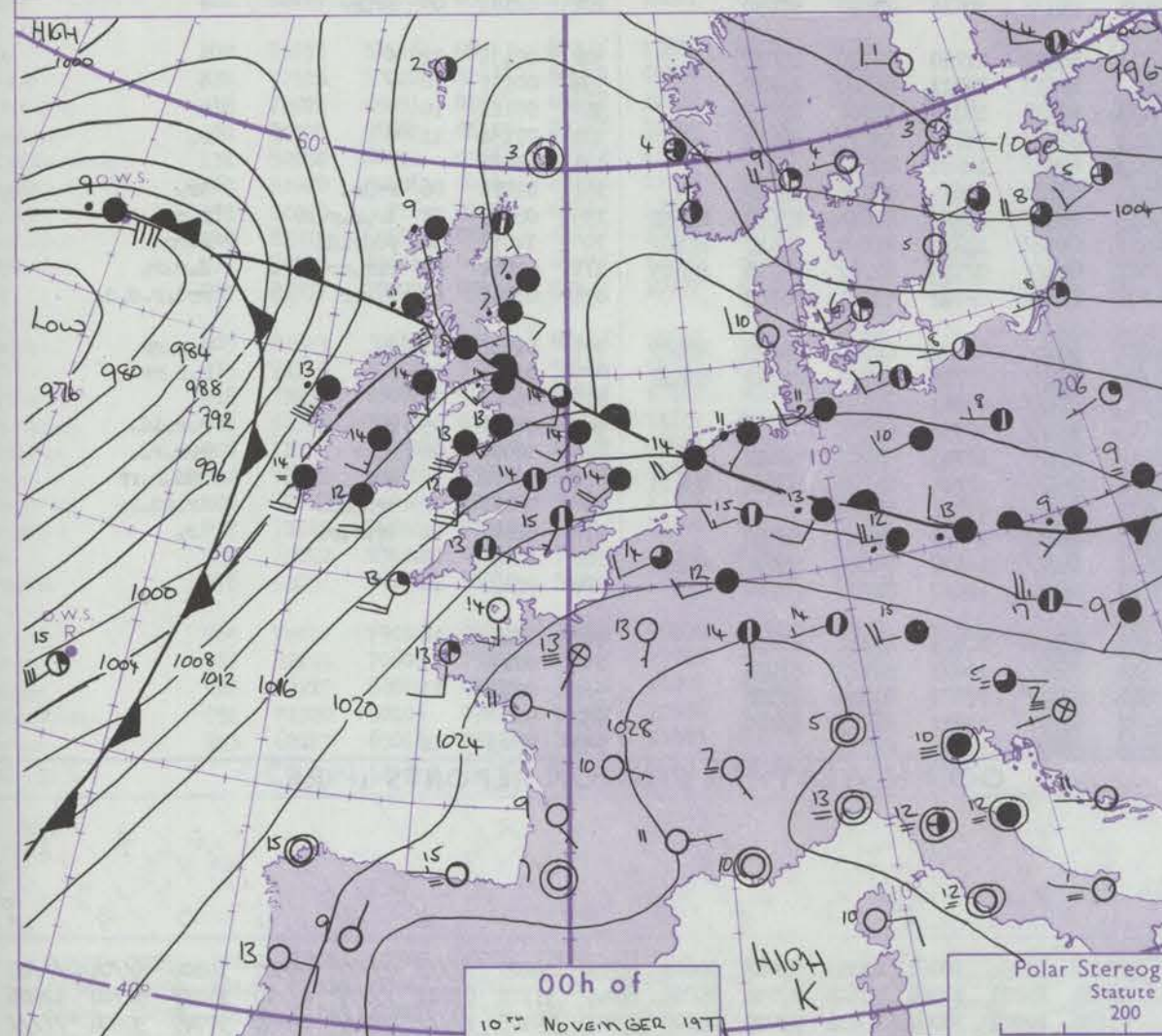
OBSERVATIONS at 12h. 9 NOVEMBER 1977										OBSERVATIONS at 18h. 9 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <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	RRT	T	E	WEATHER	
																							09h.-15h.	15h.-21h.
Boscombe Down	746	82416	62026	18615	863//	13323	86707	88712		746	72413	62025	20714	754//	12212	84611	86616		746	97151	000	r.d.o.	+	
Hurn	862	82321	50206	19615	873//	14012	87706	88708		862	82416	59035	22215	853//	13215	82708	84612	86614	862	97151	000	r.d.o.	d.d.o.	
Manston	797	82321	62606	17516	1642/	13301	81712	88459		797	72415	60216	20215	754//	13211	83711	87615		797	93171	000	r.o.r.ir.	ir.	
Gatwick	776	82420	61216	18515	863//	14217	88708		776	82321	59206	20715	5547/	13306	81712	84618	88459	776	97161	001	r.d.o.d.	d.-d.o.		
Kew	775	82315	70026	17417	6552/	13222	86620	88460		775	82215	70022	19816	855//	12212	86627	88645	775	00171	000	+	+		
Heathrow	772	72317	64212	17417	6547/	14221	86615	87462		772	82315	62026	20116	854//	13215	81712	83618	88640	772	97171	001	r.d.o.	d.	
Honington	586	72003	63606	15612	6522/	11504	81703	85706	86650	586	82318	63216	17016	4547/	13306	83618	88358	586	05161	000	r.d.r.d.o.	r.		
Wattisham	590									590									590		000			
Gorleston	497	80000	58026	15612	864//	11715	88712			497	82012	60216	16413	855//	12400	88620		497		000				
Aberporth	502	82222	50516	14614	872//	14014	86705	88710		502	82222	58506	16614	853//	13211	85707	86714	88630	502	04141	000	d.o.r.r.r.r.	id.	
Filton	628	82515	61616	17015	6532/	14123	83706	86610	88525	628	82517	65606	19615	854//	13117	83615	86622	88635	628	01161	000	r.o.r.r.r.	r.	
Rhoose	715	82617	56216	17115	6537/	14222	82709	86614	88359	715	82520	56206	19914	853//	12217	83709	86612		715	01151	000	r.r.r.	d.d.o.	
Hartland Point	703	82736	56216	16914	873//	13123	88706			703	82627	58505	19113	863//	13218	88706		703	97141	000				
Mount Batten	827	72424	57016	20815	753//	13112	83707	85612	87625	827	82418	56512	22114	852//	13210	85705	88613		827	97151	000	d.o.r.	d.d.o.	
St. Mawgan	817	82618	60056	19915	7532/	13117	82709	87624		817	82413	56502	20814	872//	13108	83704	86705	88706	817	97151	000	d.o.r.	id.	
Silly	804	82121	50022	20015	854//	13217	82711	88617		804	82018	58022	20014	855//	13400	88620		804	00151	000	+	+		
Culdrose	809	82518	56105	20814	852//	14217	82704	84706	88630	809	82313	50102	21513	862//	13005	85703	88706		809	00140	000	+	+	
Guernsey	894	72320	66016	24315	753//	14222	81708	87620		894	32112	60011	24314	10932	13801	81360	83075		894	00151	000	+	+	
Elmdon	534	82008	50616	15012	852//	11211	83704	88640		534	82320	61506	16715	854//	13322	88612		534	95161	001	r.o.r.r.r.	ir.d.d.		
Cardington	559	82702	15616	16212	853//	12209	86706	88620		559	82518	59056	18216	854//	13218	88619		559	07171	000	r.r.r.r.	ir.		
Wittering	462	82205	58606	15512	872//	12107	82704	85705	88707	462	82321	75036	16015	854//	13306	84614	88618		462	96151	000	d.o.r.	r.	
Watnall	354	82104	45506	15211	862//	10009	88703			354	82414	50216	14214	863//	13101	88708		354	06151	000	id.-d.o.r.r.r.	r.r.r.-ir.-d.		
Shawbury	414	81903	57036	14212	6622/	11093	82704	86711	88460	414	82420	68586	14915	854//	13120	84711	88613		414	03161	000	r.o.r.r.r.	r.o.r.d.o.d.o.	
Finningley	360	82209	62022	14311	1547/	09207	81615	85362	88465	360	82310	58216	12514	855//	13613	88620		360	03151	000	r.o.r.	r.d.d.o.		
Spurn Point	396	72506	66022	14411	2567/	09306	82640	87360		396	81508	30516	12911	7742/	10715	87710	88460		396		001	d.o.r.o.	r.o.r.r.r.	
Leeming	257	82309	66582	13311	7555/	09111	84624	87635	88365	257	81508	15636	11611	871//	10709	88702		257	05152	001	d.o.r.o.	r.o.r.r.r.		
Tynemouth	262	72303	61021	12811	3567/	06212	83630	87358		262	81710	61636	11910	8052/	09605	88525		262	11112	000	+	r.o.r.r.r.		
Carlisle	222	72503	70032	12010	58432	07010	81714	85650	85362	222	81107	35636	09610	6732/	09813	82707	86710	88515	222	10112	002	r.o.r	r.o.r.r.r.r.	
Valley	302	81813	68616	12512	872//	12805	88704			302	82227	50216	12814	873//	12224	88706		302	09141	000	r.o.r.r.r.	r.r.r.d.		
Ringway	334	82009	59606	14511	7532/	10211	81708	87640	88459	334	72321	65216	13515	755//	12313	83625	87650		334	08161	000	r.o.r.d.r.	d.r.r.r.	
Squires Gate	318	81907	70602	13511	3852/	10008	81825	83650	88460	318	82325	50616	12113	7542/	13309	83710	84622	85635	318	08141	000	d.o.r.o.r.o.r.	R.r.r.r.	
Ronaldsway	204	82112	64602	11712	852//	11002	83705	85708	86711	204	82317	57216	09914	854//	13312	81711	88617		204	07141	005	ir.r.r.	Rir.	
Mull of Galloway	131	82410	80021	11811	8092/	09004	88460			131	82318	58026	08112	4722/	12714	84705	88520		131	05131				
Eskdalemuir	162	71906	80031	11709	1645/	05110	81712	84360	87364	162	80000	58636	10707	873//	05505	86707	88712		162	10092	018	r.o.r.	r.o.r.r.r.r.	
Prestwick	135	72411	75021	11210	15476	07010	81616	85365	87275	135	80909	59636	09508	854//	07510	81618	83630	86645	135	07111	003	r.o.r.	r.o.r.d.r.	
Abbotsinch	140	72206	70038	10511	18538	07313	81820	87272		140	81105	60616	09708	6542/	07504	81715	86656	88458	140	07112	002	pr.	r.o.r.r.	
Leuchars	171	72513	80021	08809	15532	05113	81620	84365	87070	171	82208	61022	10508	6567/	07304	82640	86650	88460	171	03111	007	+	r.o.r.r.	
Dyce	091	72513	80021	06809	20978	03121	82365	87270		091	82015	75032	10107	1557/	04214	81625	83359	88462	091	00111	011	+	+	
Lerwick	005	52814	80038	97908	52300	06255	81707	85812		005	63107	75038	06306	556//	04237	85632		005	95081	027	pr.	+		
Wick	075	22824	84010	03809	13462	04231	81918			075	72607	81021	08906	5553/	03228	83622	84635	86360	075	00101	057	+	+	
Sule Skerry	010	42726	66158	03110	43500	09239	84920			010	83603	66038	08909	3257/	06227	83820	88460		010	94101				
Cape Wrath	049	52724	80018	04809	53500	05245	82920	83825		049	62710	80808	08209	635//	06223	84920	86825		049	01091	010	pr.	pr.	
Stornoway	026	12615	81018	06510	12431	05231	81818			026	82404	80031	08107	15477	06308	81618	85462	88270	026	91101	030</			







CLOUD
Cloud amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
Obscured flying or useful data.
OTHER
Sky weather
-
=
>
Tide
Mist and drizzle
Fog
Rain and snow
Hail shower
Rain and snow showers
Thunderstorm
Night visibility
ND
Wind speed (knots)
Calm
1-2
3-7
8-12
13-17
Additional to add
\$
48-52



Issued at midday **THURSDAY 10 NOVEMBER 1977**

continue moving steadily northeast, while the associated cold front moves southeast across the British Isles to the English Channel.



## No.

COMMON08-



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

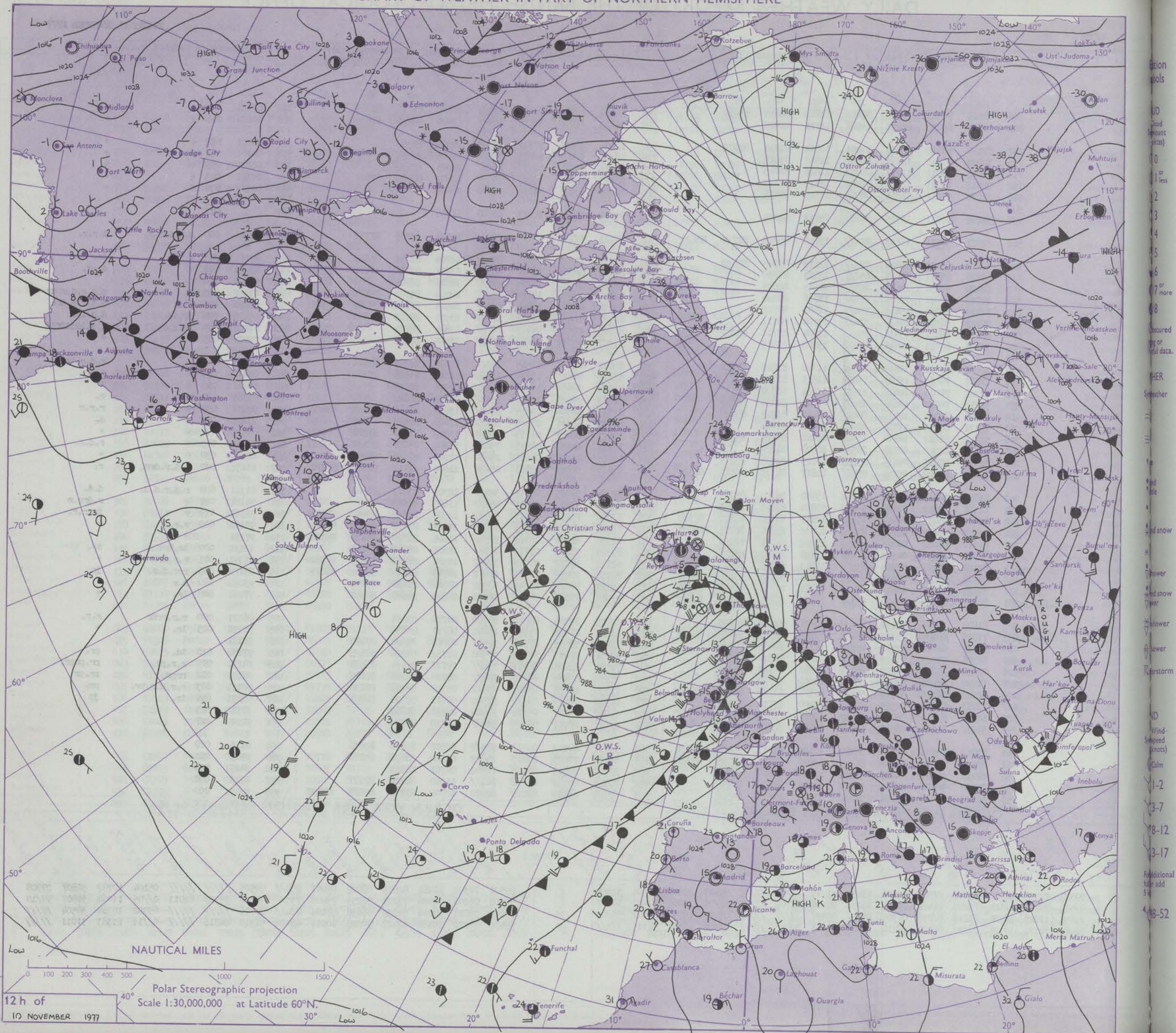
No. 42358

Date of Issue FRIDAY 11 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 10 NOVEMBER 1977										OBSERVATIONS at 18h. 10 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	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>	iii	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>	iii	RPT.T.E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	62216	74031	17515	68402	12812	84815	83630		746	82118	62022	15414	854//	12705	85712	88625		746	00151	039	+	+			
Hurn	862	12114	65030	18217	18501	11711	81822			862	71913	62031	16715	754//	13400	84715	87635		862	00171	048	+	+			
Manston	797	72118	63022	18916	11401	12814	81814	87075		797	12009	59021	17812	10940	10502	81360			797	00161	062	+	+			
Gatwick	776	32014	70011	18116	00902	12815	83075			776	72114	62021	16715	756//	11605	87635			776	00171	061	+	+			
Kew	775	12013	70011	17417	00901	11816	81075			775	72112	65021	16015	756//	11603	87632			775	00181	055	+	+			
Heathrow	772	22012	70021	17617	11502	12715	81825			772	72113	68021	16216	755//	12602	81620	87627		772	00181	045	+	+			
Honington	586	62014	59012	16315	00902	11815	86075			586	02014	63021	14014	00900	09607				586	00171	039	+	+			
Wattisham	590									590									590							
Gorleston	497	32118	66011	16915	00901	13712	83075			497	01811	66020	14813	00900	11706				497		042					
Aberporth	502	82021	50511	11813	852//	13712	86705	87710	88620	502	72121	57216	10113	762//	12504	83705	87710		502	02141	000	d.d.ddd.r.	d.r.r.			
Filton	628	72211	65021	15814	755//	12813	81625	87630		628	82113	64021	13415	854//	12704	83715	85618	86630	628	97161	043	+	ir.			
Rhoose	715	61910	65011	15615	657//	12816	86650			715	82112	60605	12914	853//	13607	81708	86712	88630	715	93161	010	+	d.r.			
Hartland Point	703	82420	62031	13615	855//	10613	88625			703	82628	30636	11414	872//	14611	88705			703	07152	000					
Mount Batten	827	82019	59031	17215	855//	13710	88628			827	82121	25616	15214	853//	14504	85708	88620		827	01151	000	d.	d.r.r.d.r.d.r.			
St. Mawgan	817	72418	60051	15615	764//	12807	87710			817	82618	40615	14014	871//	14501	82702	86703	88705	817	02151	000	d.d.	d.d.r.r.d.r.d.			
Scilly	804	82123	56508	14814	874//	11704	88711			804	82121	18506	13414	872//	13501	88703			804	03152	004	pr.id.	d.d.ir.			
Culdrose	809	82218	56051	15914	854//	13804	83711	88650		809	82218	08525	14113	870//	13504	88701			809	01152	001	1d.d.d.	d.d.1dddfid			
Guernsey	894	12014	65021	20815	00902	13802	81075			894	72317	65031	19215	756//	13500	87630			894	00151	069	+	+			
Elmdon	534	52019	65021	14015	48502	11810	81820	83630		534	82012	62041	11815	853//	11608	82709	88612		534	97151	060	+	r.d.r.ir.			
Cardington	559	22317	70011	15817	11402	11815	81818			559	52115	70031	13914	15650	11609	81645	85360		559	00171	050	+	+			
Wittering	462	22222	70011	14615	21501	11814	82820			462	72018	66031	12314	756//	11712	87630			462	00161	066	+	+			
Watnall	354	52218	70031	12615	58500	11815	83824	83635		354	82013	70021	10714	854//	12707	88612			354	97161	052	+	r.			
Shawbury	414	62219	75031	12116	6844/	11812	81818	85620		414	82015	66606	09515	854//	13610	81614	84616	88622	414	92171	032	+	r.r.r			
Finningley	360	22114	68011	11716	28400	10812	81818			360	82113	62031	09315	854//	11609	88618			360	97171	052	+	d.			
Spurn Point	396	52112	66012	12814	31560	09811	83825	85360		396	32013	66011	09713	15870	11805	81630	83360		396			+	+			
Leeming	257	32116	67041	08715	28541	10820	81822			257	72016	64606	06415	754//	13604	85614	87620		257	97161	043	+	r.d.r.			
Tynemouth	262	52015	80022	06415	25638	10723	82635	85275		262	42014	80021	04615	25630	12602	82630	84358		262	00161	030	+	+			
Carlisle	222	82419	58602	05715	854//	12817	84710	86615	88625	222	72417	70026	03813	45438	11604	82712	83620	86270	222	01151	000	r.d.r.drr.	r.			
Valley	302	81931	30516	08313	872//	13810	86703	88705		302	72124	59025	07613	3243/	12303	83812	87362		302	01141	000	r.d.r.d.d.	d.d.			
Ringway	334	72116	70022	11416	55542	09814	83622	84645		334	82115	62601	08815	854//	12605	88616			334	94161	027	+	r.drr.r			
Squires Gate	318	72022	65031	08914	4555/	12817	81620	84640	87360	318	72216	75216	07413	5557/	12504	81625	85650	87359	318	92161	012	r.	ir.r.r.			
Ronaldsway	204	82228	56602	06113	872//	12715	81704	86705	88707	204	72224	60026	04513	16438	11501	81711	83362	87270	204	92141	000	r.r.	+			
Mull of Galloway	131	82140	60022	03213	4731/	12812	84708	88460		131	62330	60012	02012	3855/	11606	81820	83625	85360	131	97131						
Eskdalemuir	162	81920	25636	04511	872//	11722	86703	88707		162	81924	58216	02112	872//	10609	83704	88712		162	12131	000	ir.r.r.r	ir.			
Prestwick	135	82120	64216	02314	6532/	12711	81709	84615	85628	135	62118	60022	01013	35432	10504	81712	83625	85360	135	01141	001	r.r.r.ir.	+			
Abbotsinch	140	82218	60586	00814	6																					

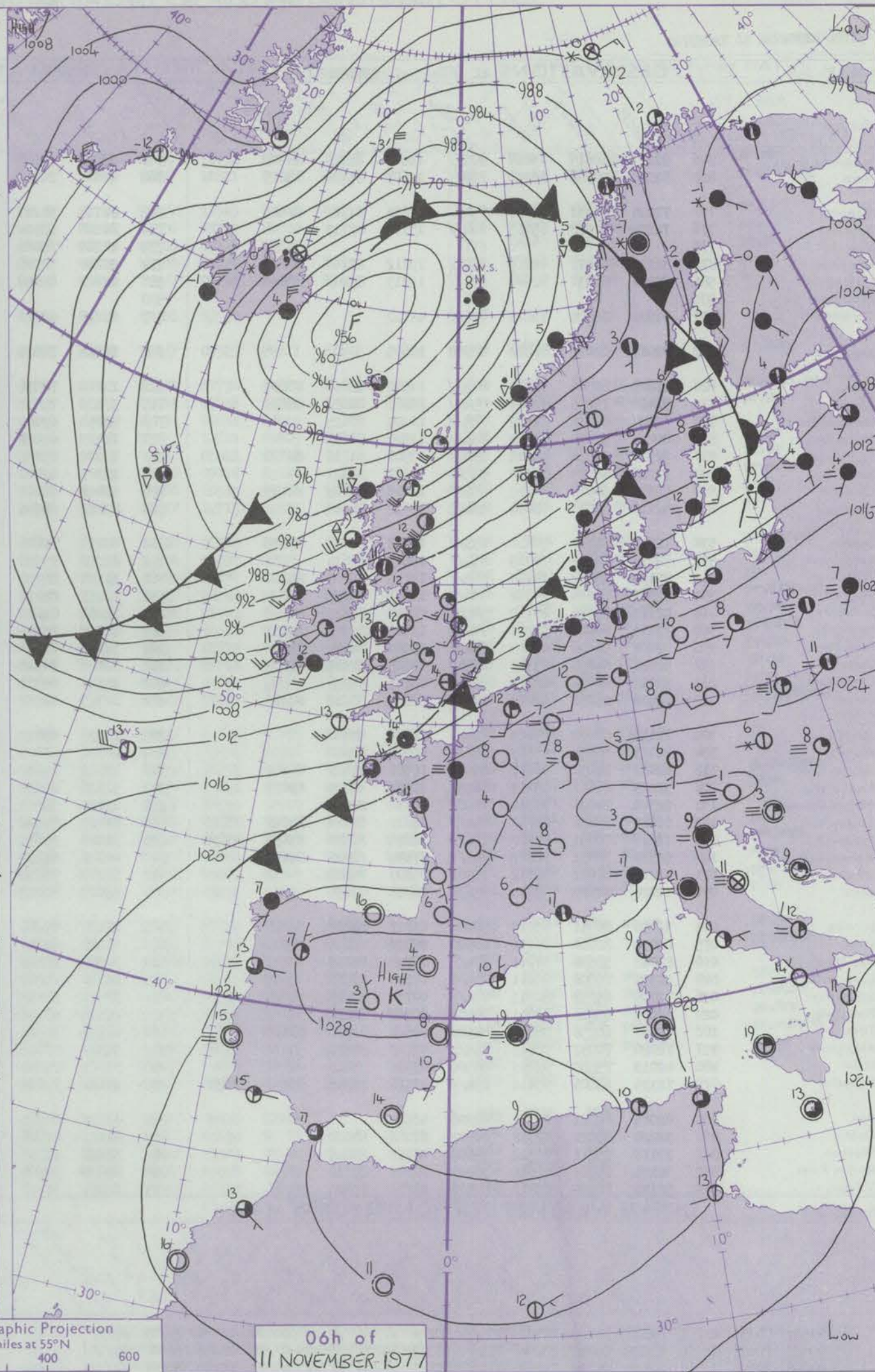
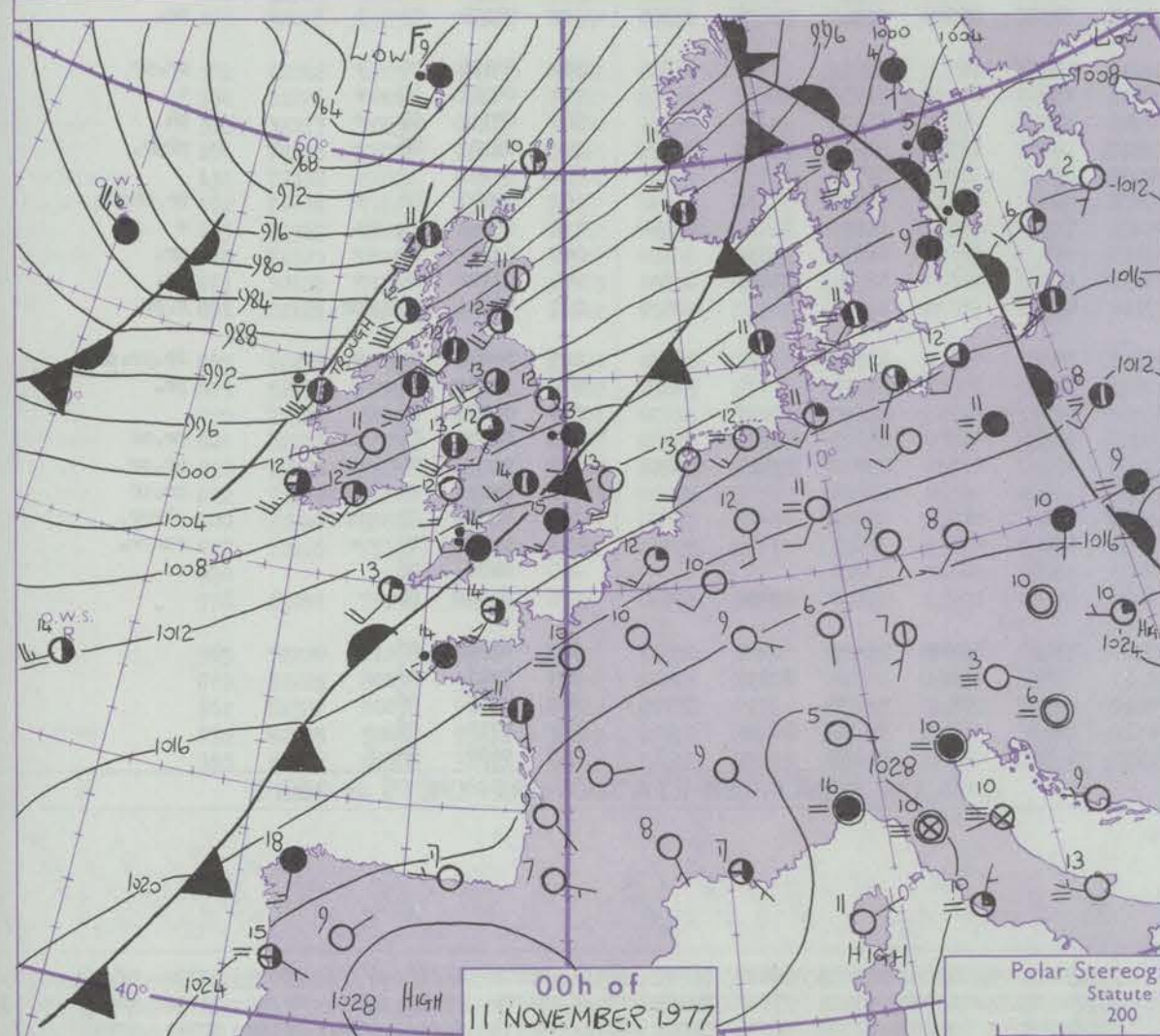
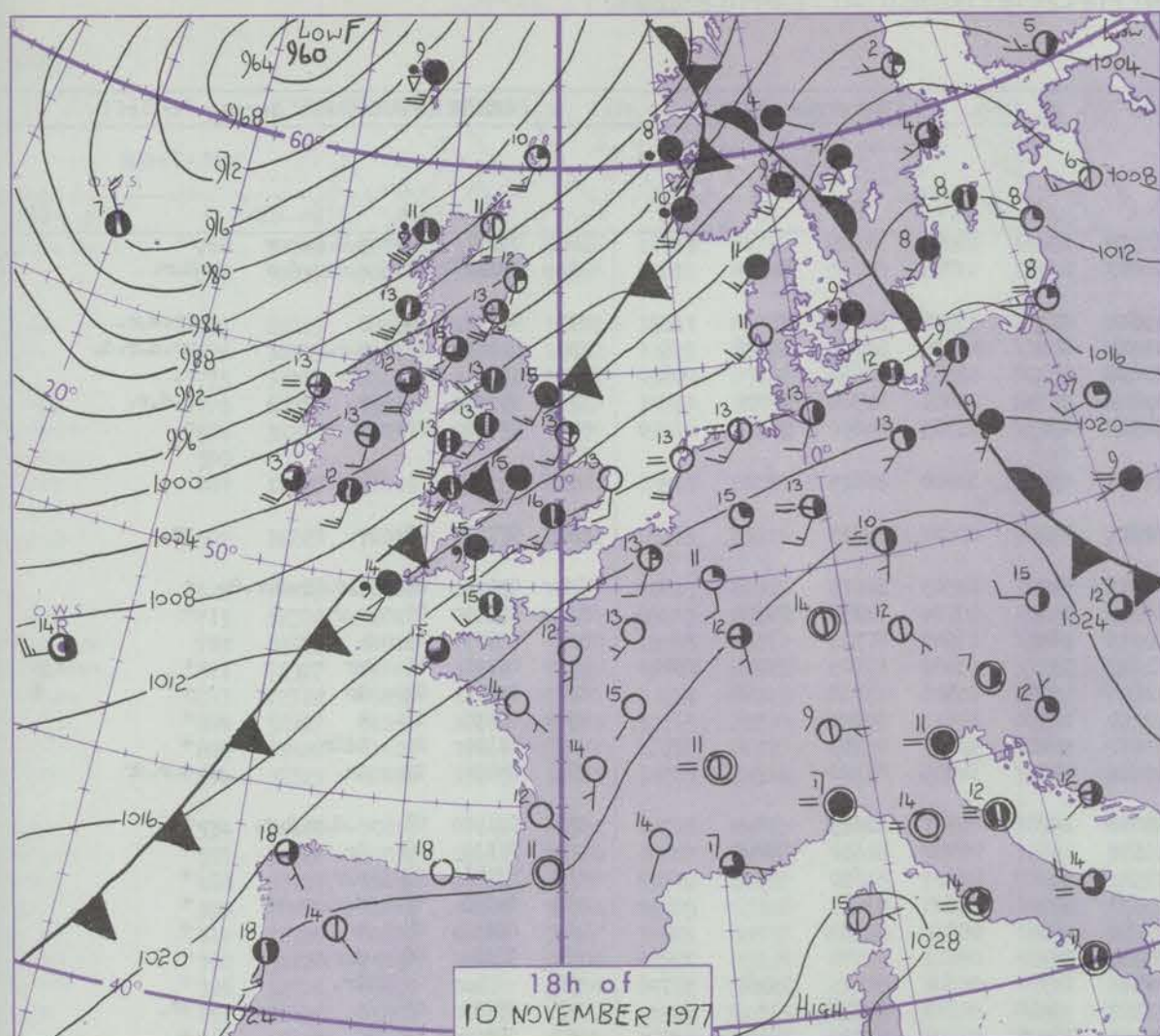


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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

A deep depression about 500 miles west of north Ireland moved slowly northeast during the past 24 hours, deepening slightly, and is now centred about 150 miles east of Iceland. Associated strong to gale southwesterlies have affected the British Isles and an associated cold front moved east across Britain. During the next 24 hours the depression will

continue slowly to the northeast with still further slight deepening and the unstable southwesterlies over the British Isles will persist. A trough of low pressure west of Ireland is expected to have moved east across most parts of the British Isles, except perhaps the extreme southeast, by tomorrow morning.

Issued at midday FRIDAY 11 NOVEMBER 1977



## No.

No.C 88



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

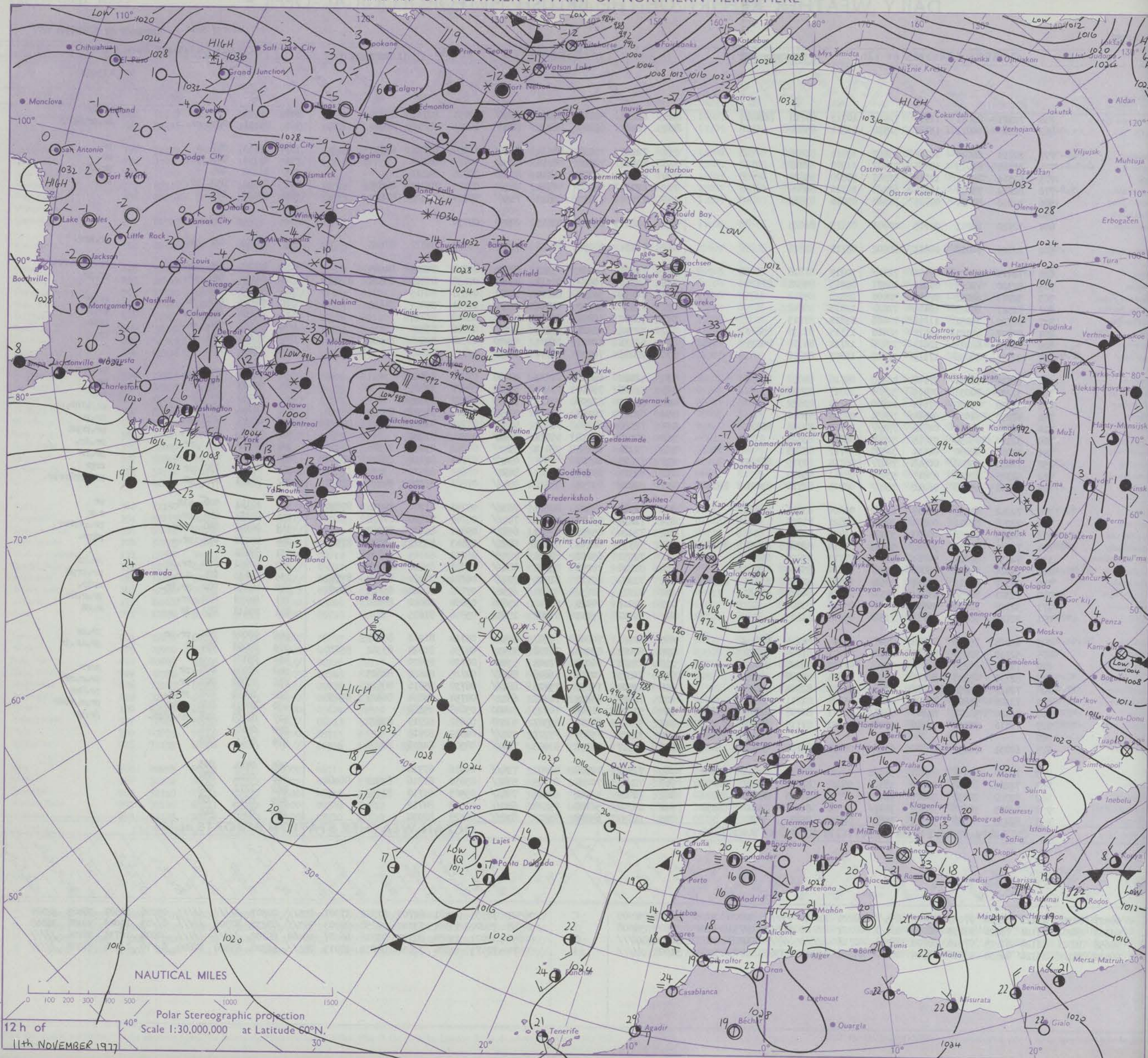
No. 42359

Date of Issue SATURDAY 12 NOVEMBER 1977

OBSERVATIONS at 12h. 11 NOVEMBER 1977										OBSERVATIONS at 18h. 11 NOVEMBER 1977										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	RRT T E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	72321	82031	11614	724//	10713	84718	86826		746	62227	58818	06011	634//	10731	82715	85918		746	96141	030	pr.	pr.pr	
Hurn	862	52219	70011	13014	52530	11811	85820			862	72224	65808	08715	784//	10821	85817	87624		862	96151	024	pr.	pr.prpRpR2	
Manston	797	22219	68026	12716	11402	11811	81818			797	72123	75038	08714	784//	11819	83818	85632		797	97161	057	+	pr.	
Gatwick	776	32315	81015	12815	21402	11809	82819			776	42124	70028	08214	42500	10725	84820			776	93151	046	pr.	pr.	
Kew	775	52314	75031	12015	52501	09809	85820			775	42121	80028	06714	42500	09726	84822			775	96162	065	+	pr.pR	
Heathrow	772	62214	75031	12015	625//	10810	86820			772	42121	68038	06814	48500	09725	81822	84628		772	97161	052	pr.	pr.	
Honington	586	32218	84031	09815	31500	09816	83823			586	72121	84031	03813	755//	08729	81626	87632		586	00150	071	+	+	
Wattisham	590									590										590		057		
Gorleston	497	12120	66011	09915	00901	08813	81075			497	02025	66010	03813	00900	09730				497					
Aberporth	502	22229	70018	04913	28402	08719	81816			502	72434	65258	97810	784//	09525	84817	87647		502	04081	027	pr.	pr.Rrr.	
Filton	628	72413	80801	09914	724//	10815	87818			628	72417	80038	03313	68531	09730	84823	84645		628	03151	021	pr.pr	pr.prtl.r.	
Rhoose	715	52320	72011	09315	49501	09813	84828	81930		715	62326	70028	02113	43401	07838	81815	83822	81930	715	01161	042	pr.	pr.pr	
Hartland Point	703	52743	04012	07013	52400	12823	85812			703	72554	56258	00013	62431	09831	86815			703	91131	029			
Mount Batten	827	72327	04022	12414	724//	12811	87812			827	72337	58252	07314	784//	12621	84815	87622		827	01141	019	jp	pr.pr	
St. Mawgan	817	72722	75251	11214	72401	11814	87813			817	72430	70028	06113	724//	08618	87818			817	02151	046	pr.	pr.pr	
Scilly	804	52227	62151	10714	58462	11715	81710	85623		804	32342	62021	05813	32500	09716	83820			804	96151	054	pr.	prpr.	
Culdrose	809	72420	62022	12013	724//	12712	84710	85815		809	62531	58028	06813	68400	10518	83818	86630		809	01142	018	pr.	pr.	
Guernsey	894	22321	80026	17115	18402	12803	81816			894	22225	70018	13714	184//	12715	81818			894	97151	070	pr.	+	
Elmdon	534	52120	70031	07114	41502	09716	84822	83070		534	42124	68808	99512	42500	07740	84822			534	05141	056	pr.	pr.prr.rR	
Cardington	559	32222	80031	09415	32500	10817	83825			559	32226	75010	03113	38500	09827	82825			559	97161	075	+	pr.	
Wittering	462	32128	81030	07614	21580	09720	82822			462	32133	82258	00713	32500	08737	83826			462	92151	058	+	pr.	
Watnall	354	42220	81011	04614	38531	09825	83820			354	62125	70258	97512	3953/	08744	81920	83825	85359	354	09141	037	pr.pRpr.	pr.tLRh.pr.	
Shawbury	414	72320	61811	04912	794//	10821	83918	86824		414	72224	68258	96012	68502	07745	84825	85640	85075	414	02141	040	pr.pr	pr.pr	
Finningley	360	32120	75030	03715	32500	08820	83828			360	72230	40818	95511	795//	09744	87924			360	02151	062	pr.	pr.prpR	
Spurn Point	396	32016	68030	04614	31500	09717	83825			396	72124	68258	97412	5557/	08742	85625	87360		396	////		pr.	pr.ir.	
Leeming	257	72420	65808	00513	794//	06714	81915	86825		257	72218	60808	91909	694/2	07743	81915	86830	87070	257	07141	037	pr.	pr.pr	
Tynemouth	262	52325	69818	97813	53650	08711	85930			262	81922	69638	89509	8052/	07652	88525			262	09132	030	pr	rrpr	
Carlisle	222	72418	65258	96212	784//	08814	81710	86650		222	82421	60258	85611	884//	07867	82715	84620	88630	222	08131	019	pr	pr.prpRprpr.	
Valley	302	72242	62259	99813	634/2	09824	83916	86822		302	72348	57809	89811	783//	09748	81709	84816	87640	302	12141	005	tLR	pr	
Ringway	334	22226	80011	02615	29502	05821	81920			334	72230	75022	94013	785//	05746	81820	87638		334	01151	039	pr.	r.r	
Squires Gate	318	32223	70258	00113	39400	11828	82915			318	72224	65258	90909	6567/	09851	86640	87360		318	06141	030	prpr.	pr.prpRrr.	
Ronaldsway	204	72323	70256	97012	58533	07816	82820	84650	85070	204	72335	62252	87311	5857/	05643	83822	83640	87362	204	02131	016	pr.	pRpr.	
Mull of Galloway	131	72438	80022	94711	68501	07713	83825	86630		131	72351	65258	82809	794//	06755	82915	83820		131	92121				
Eskdalemuir	162	71924	72808	95009	724//	06814	85716	87822		162	81824	70258	83709	884//	07871	85816	88633		162	02091	000	pr.pr	pr.pr	
Prestwick	135	72320	80212	92911	19542	05818	81820	81925	83358	135	72230	65919	81908	795//	04770	82920	83630	87640	135	04111	004	d.r.pr	prtlrpr	
Abbotsinch	140	72323	80258	91711	585323																			



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



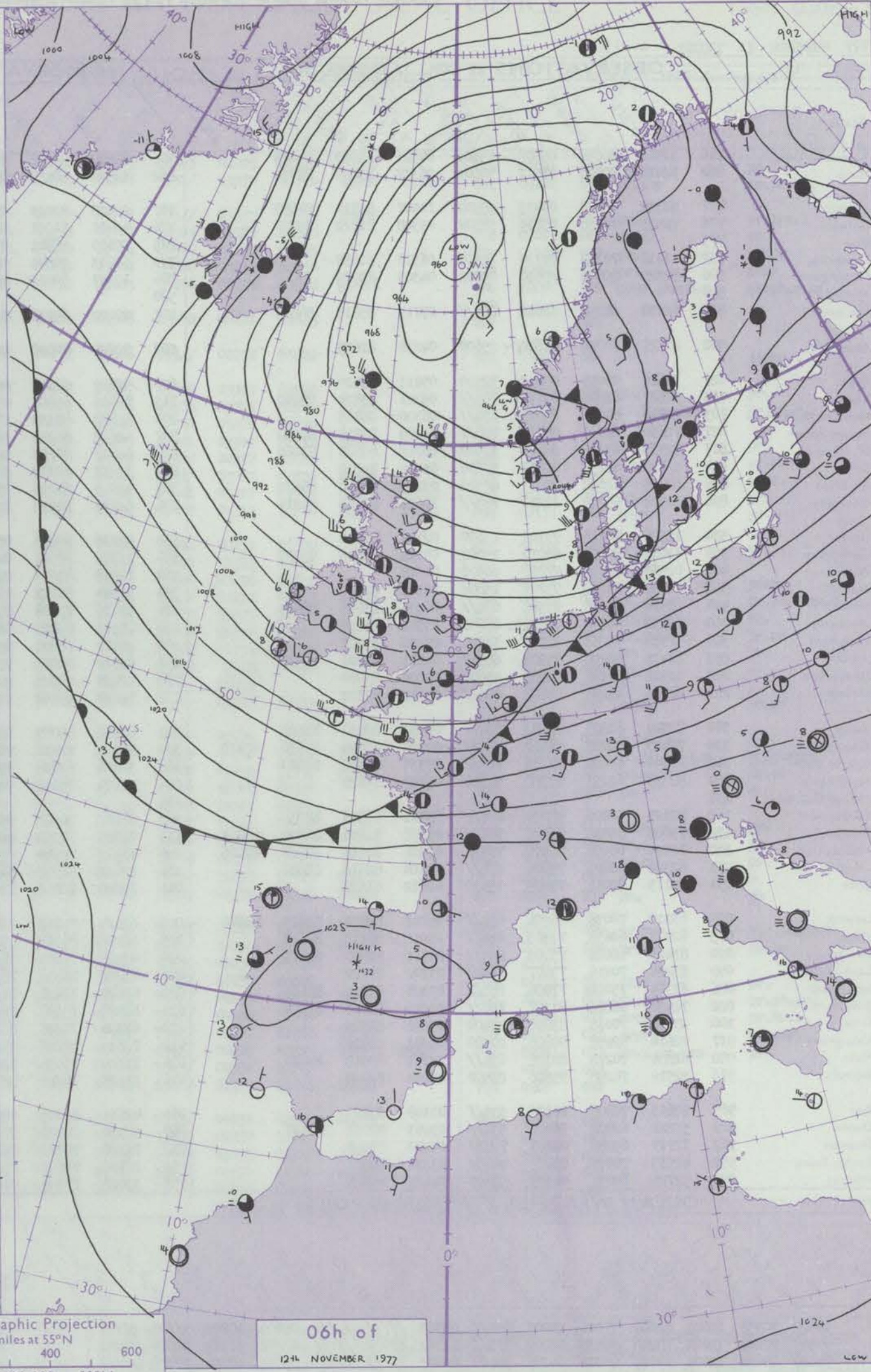
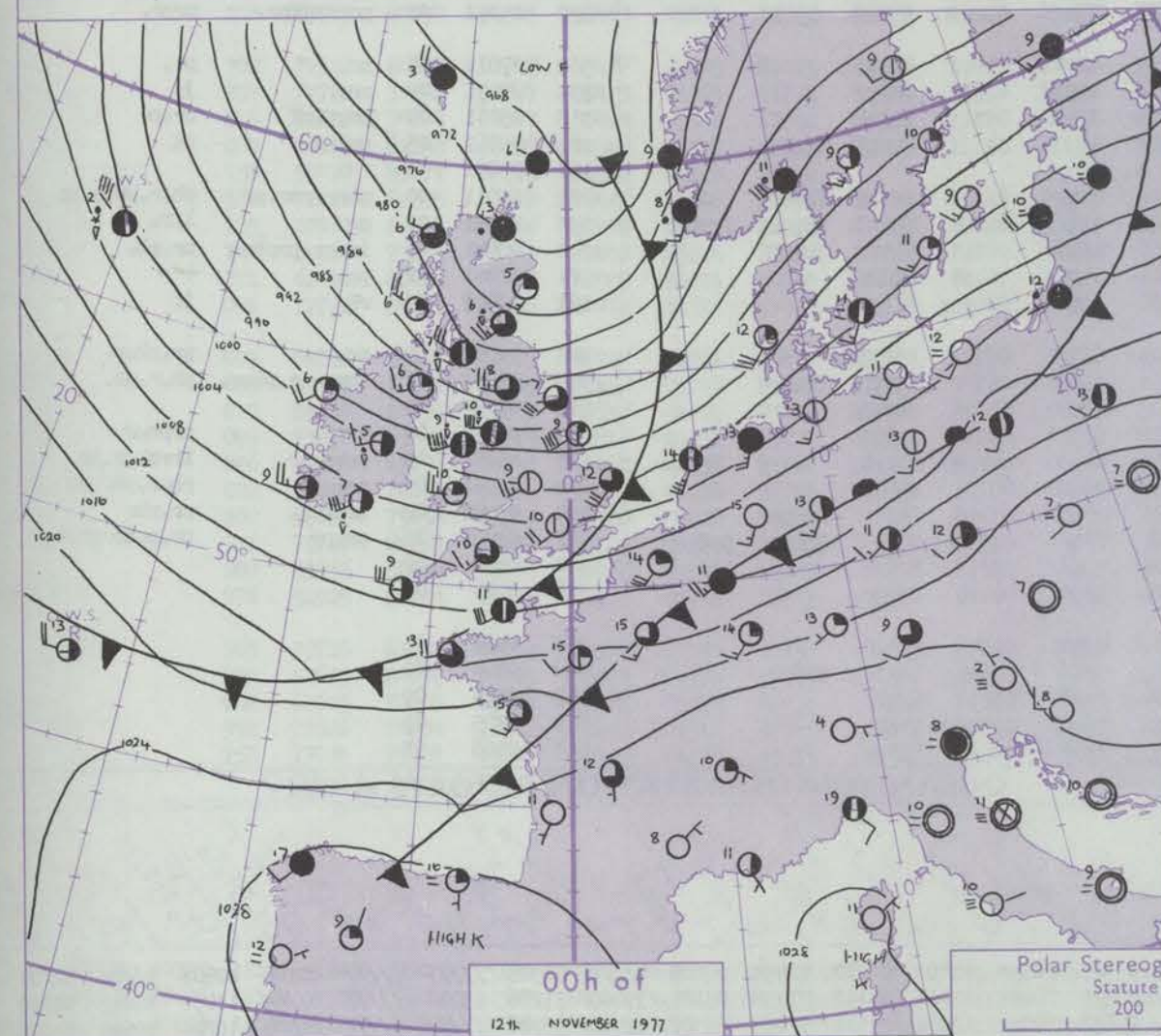
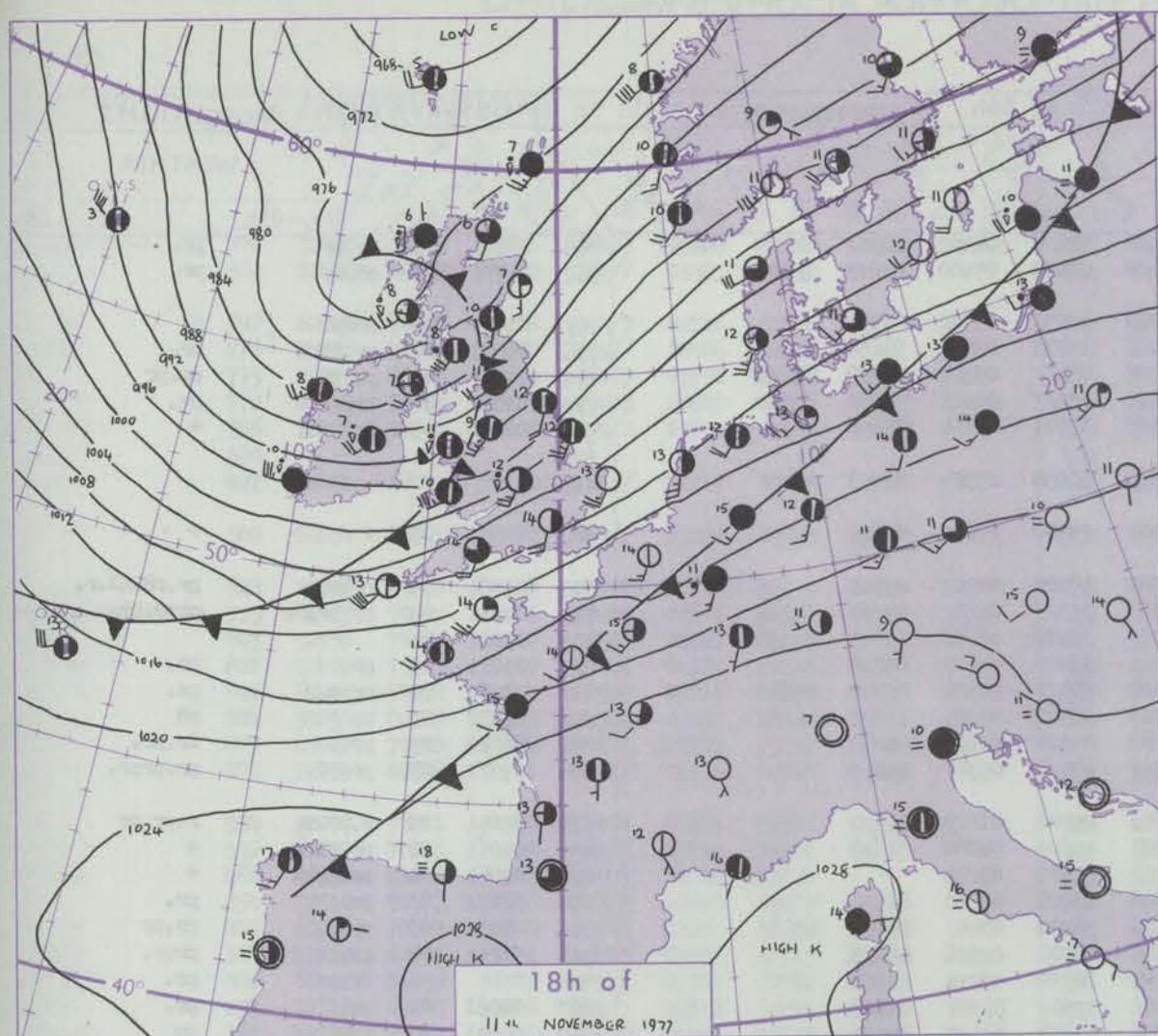
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12h of  
11th NOVEMBER 1977

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



# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

Whilst pressure remained high over the western Mediterranean during the past 24 hours a very deep depression to the east of Iceland moved slowly northeastwards. A new secondary low which formed off northwest Ireland moved quickly northeast to near Shetland and an associated

trough moved eastwards over Britain. During the next 24 hours the main low is expected to move east into northern Scandinavia whilst the secondary low near Shetland fills as it moves away quickly east. Pressure will remain high over the western Mediterranean.

Issued at midday SATURDAY 12 NOVEMBER 1977



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

OBSERVATIONS at 00h. 12 NOVEMBER 1977										OBSERVATIONS at 06h. 12 NOVEMBER 1977										OBSERVATIONS during NIGHT			
Station																							
	iii	Nddff	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	Nddff	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 <sub>n</sub> T <sub>e</sub>	T <sub>g</sub>	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	52520	80038	05509	15601	04321	81630	84075		746	82520	82808	06106	884//	04302	84712	86819	88645	746	01051	03	pr.pr	pr.
Hurn	862	62416	80028	07511	35601	06117	83645	85075		862	52520	80258	07409	58400	05400	82815	85629		862	01071	05	pr.pr	pr.
Manston	797	52332	75258	04413	58400	10507	82819	84650		797	22418	82011	04709	10931	03002	81360			797	01081	06	pr.pr	+
Gatwick	776	72523	70258	05710	58502	05308	81822	85657		776	62415	81021	05608	15732	03802	81650	85359		776	02071	04	pr.pr	pr.
Kew	775									775	72610	58801	05107	784//	03302	84818	87628		775	01071	05	pr.pr	pr.
Heathrow	772	12418	70218	04710	15600	06318	81638			772	62613	50801	05106	685//	05001	84820	85632		772	01061	04	pr.r	pr.
Honington	586	52325	80016	99610	00902	04303	85075			586	12317	80011	01407	15701	03104	81656			586	94061	05	lrr.	+
Wattisham	590									590									590				
Gorleston	497	62230	60258	98612	684//	07715	85815	86625		497	22222	64031	00409	20950	03303	82358			497				
Aberporth	502	22727	80026	01610	25600	04238	82635			502	22729	80020	02408	25500	02602	82628			502	00071	05	+	+
Filton	628	32626	70019	03610	32500	05211	83825			628	52722	59258	04007	59400	04802	83918			628	05061	04	pr.pr	pr.phrtl.r.
Rhoose	715	72627	62808	03710	785//	05221	83825	84640		715	72626	65808	03709	735//	04802	81920	85835		715	04071	04	pr.pr	pr.phrtl.r.
Hartland Point	703	62846	64012	05011	624//	06320	86815			703	52838	80138	04209	39430	06806	83915	85360		703	03081	04	pr.pr	pr.phrtl.r.
Mount Batten	827	72630	62038	08911	784//	04209	81818	87650		827	62628	60808	08311	62400	05807	86818			827	01071	05	pr.	pr.
St. Mawgan	817	32525	63258	08809	12520	06212	81826	83460		817	62829	80258	08809	685//	04504	82820	85626		817	03061	05	pr.phr.	pr.
Scilly	804	52730	62258	10409	52500	05219	85820			804	32832	80018	10710	32500	05101	83820			804	03082	07	pr	pr
Culdrose	809	62825	62038	09811	68500	03115	83820	86630		809	42823	64216	09710	45600	04603	84635			809	04082	05	pr.	pr.
Guernsey	894	72528	65258	12211	783//	10606	83708	85814		894	62732	75038	12311	685//	05307	85820			894	01081	07	pr.r.	pr.pr
Elmdon	534	12526	70018	99109	15600	02312	81630			534	22316	80038	00606	25500	01602	82620			534	95051	03	r.pr.r.	r.pr.pr
Cardington	559	42430	80038	01010	25602	05318	82635	83075		559	12322	80026	02307	15600	04000	81630			559	02061	04	pr.rir.	+
Wittering	462	02531	84018	97910	00900	04318				462	02518	84011	00307	00900	03205				462	02061	04	pr.pr	+
Watnall	354	12428	80259	95709	15600	03312	81630			354	12314	82028	99006	11600	02210	81830			354	97051	01	pr.	pr.
Shawbury	414	62524	68258	97508	684//	06334	83818	86624		414	52615	72808	99506	58400	03007	82816	85622		414	01051	03	pr.l.	pr.pr
Finningley	360	42532	86258	91910	48600	03502	83830			360	42513	84038	96606	48500	02306	83823			360	96061	02	pr.pr	pr.pr
Spurn Point	396	32338	75258	92309	33500	05306	83925			396	22418	75038	95908	20970	02014	82360			396			pr.	pr.
Leeming	257	62435	60258	85908	685//	04613	83820	85635		257	22519	80028	93007	11502	02307	81822			257	04061	04	pr.	pr.
Tynemouth	262	12516	69138	82807	15600	03608	81630			262	42628	80028	89406	43600	01225	84930			262	01051	03	pr	pr
Carlisle	222	62726	65258	83808	685//	04312	85820			222	72619	65258	91807	784//	03221	85818	85635		222	05052	03	prprprpr	pr.pr
Valley	302	72544	60808	95709	784//	06259	85818	87628		302	42632	80038	98207	42400	05002	84816			302	97071	05	pr.	pr.
Ringway	334	72423	82028	94410	785//	02325	81824	84630	87650	334	42314	82031	98006	41500	02212	84822			334	97051	04	pr.	jp
Squires Gate	318	72640	65808	91710	785//	07336	83822	87640		318	32626	81018	95908	38500	05313	82820			318	03061	04	pr.pr	pr.pr
Ronaldsway	204	52733	62258	91708	52500	04357	85822			204	42624	75018	95707	42400	02111	81818	84824		204	95061	05	pr.pr	pr
Mull of Galloway	131									131									131	97051			
Eskdalemuir	162	82125	50806	82205	884//	03311	85816	88630		162	52222	80278	90804	49403	01121	81916	83818		162	11011	00	pr.r.r.pr.pr	pr.r.pr.s.p
Prestwick	135	73028	65808	83307	784//	05337	81816	83820	86625	135	72925	70258	90207	794//	01218	83818	82922	83635	135	03051	03	pr.	lrr.
Abbotsinch	140	72924	65258	80406	794//	03321	81918	83822	87645	140	42917	70258	88706	48400	01219	82818	83823		140	02041	03	pr.pr.pr	pr.ph
Leuchars	171	62324	68806	75906	684//	03616	84816	85640		171	22622	80018	84805	18502	50238	81820			171	97041	02	pr.	+
Dyce	091	22113	80016	73605	15630	02612	81630			091	22620	82016	81105	15602	50236	81630			091	02044	03	rR	jp
Lerwick	005	83110	70038	69506	884//	05742	82815	83625	88641	005	62824	70018	70005	655//	03317	86623			005	94041	02	pr.	pr.phr.
Wick	075	82917	60638	71303	854//	03511	85713	88620		075	52716	80258	77004	59400	03319	83918	85626		075	08032	02	lrrrr.r.phr.	phr.pr
Sule Skerry	010	83423	66028	73108	885//	04511	82820	88625		010	43428	74011	76907	42500	04226	84820			010	03052	05		
Cape Wrath	049	83224	70216	73407	865//	01702	88720			049	43227	70818	78305	43500	03232	84920			049	05022	02	rrpr.	pr.phr.
Stornoway	026	62914	75016	77406	685//	03328	83820	84635		026	42825	70278	82305	49400	04229	84914			026	06032	03	rrpr.ir	lrrrr.r.pr.
Benbecula	022	72832	66806	81107	794//	03246	82710	87915		022	42828	75258	86007	49400	02221	84915			022	02041	03	pr.	phr.phr
Tiree	100	23024	70018	83206	23400	03262	81915			100	62726	70278	88206	4946/	01216	81710	83914		100	03051	02	pr.phr.	pr.phr
Aldergrove	917	22614	82258	90806	29500	03281	82920			917	72514	80808	95204	783//	02113	83707	86813	87630	917	02021	02	pr.pr	pr.prprpr.s.
Malin	980	62830	70278	88108	634//	02271	83918	84640		980	72729	75038	92206	734//	02213	87918			980	0404	02		
Belmullet	976	22519	74258	95606	23500	03144	82920			976	32925	76278	98506	33500	02216	83920			976	0303	01		
Birr	965	52615	70808	99205	535//	03148	85920			965	42611	80038	00605	43500	03302	84920			965	0404	01		
Dublin	969	52222	62808	96007	534//	03163	82918	84630		969	52420	70808	97905	584//	02601	81716	84630		969	0304	02		
Shannon	962	72719	65809	01206	794//	04240	87918			962	22720	70278	02805	29400	03216	82918			962	0504	02		
Roches Point	952	42533	70808	03907	48400	03224	84817			952	12716	70258	05606	18400	02206	81819			952	0305	03		
Valentia	953	52725	65039	04309	52500	04123	85825			953	33027	70258	07008	33500	04213	83925			953	0406	03		

OCEAN WEATHER STATION REPORTS at 00h.													OCEAN WEATHER STATION REPORTS at 06h.																
O.W.S.	99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</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> vsapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>3</sub> L <sub>3</sub>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</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> vsapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>
C	99527	70355	12001	82609	97026	21007	855//	00312	////	////	05006	10809	3//03	32/09	C	99527	70355	12061	92510	92454	22008	9////	00308	////	////	00108	10803	3//04	32/09
L	99569	70200	12004	73240	96838	00702	793//	71344	87909	////	0//02	11044	30814	34012	L	99570	70203	12064	33142	97158	05107	39400	71226	83910	////	0//55	11051	31012	35910
M	99660	10024	12004	31925	97018	66206	35400	00808	////	////	05101	10759	30808	////	M	99650	10022	12064	11514	97028	65307	12400	00706	////	////	05002	10720	30604	99008
R	99470	70174	12004	52818	97018	21613	58500	00120	81820	85645	0//10	11351	30908	////	R	99470	70173	12064	52917	97031	24212	55600	00315	85645	////	0//09	11359	30503	26907



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

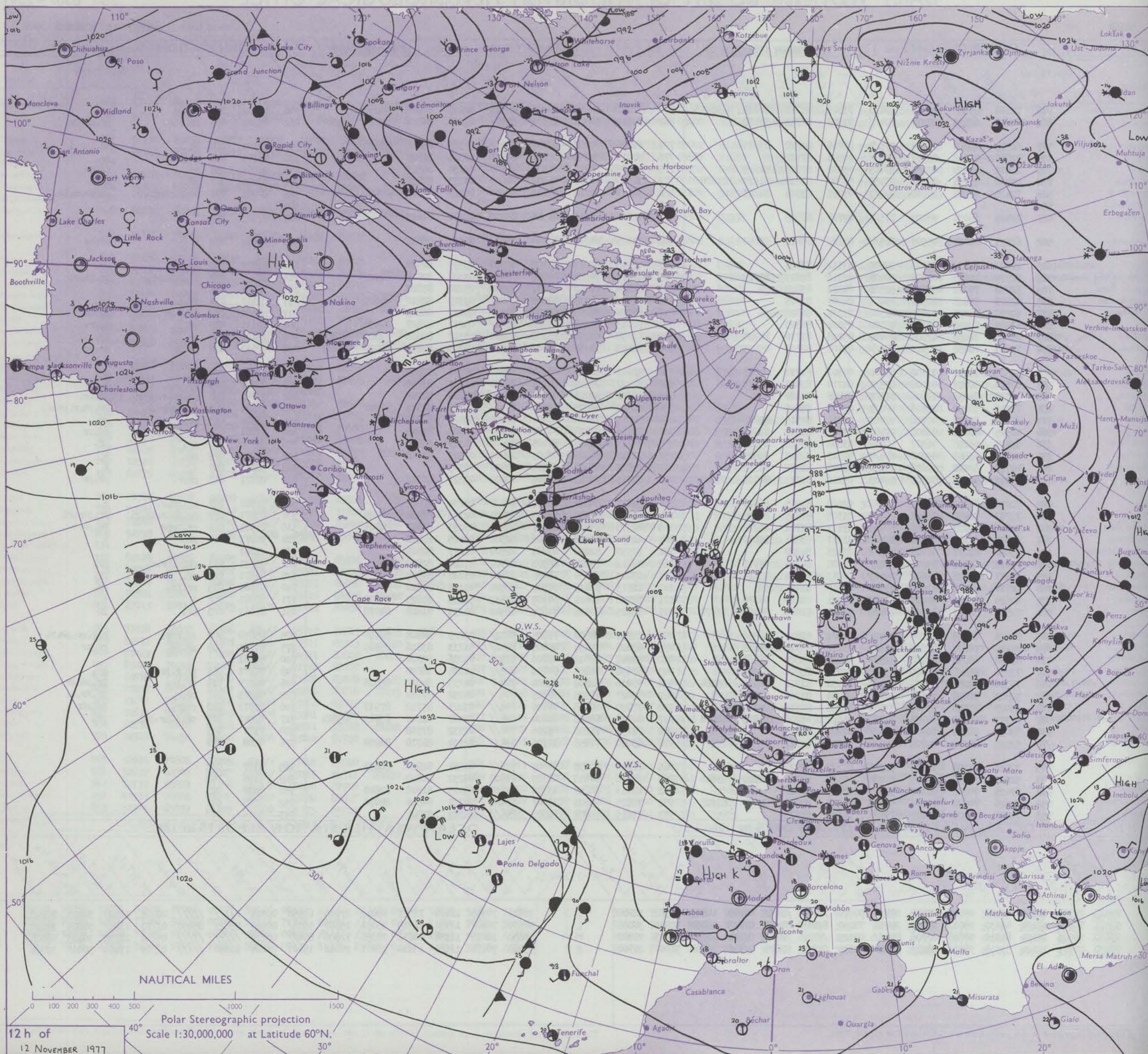
No. 42360

Date of Issue SUNDAY 13 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 12 NOVEMBER 1977										OBSERVATIONS at 18h. 12 NOVEMBER 1977										OBSERVATIONS during DAY				
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>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>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 F	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
Boscombe Down		746	72824	70808	05906	694/3	03305	81710	84920	85045	746	52617	82258	09405	28563	02225	81820	84359		746	02091	028	pr.pr	pr.		
Hurn		862	72618	68808	07310	794//	03303	81712	86918		862	72812	80808	11306	59571	03229	81720	85924	85360	862	05101	053	pr.pr	pr.prRr.		
Manston		797	62525	70801	03209	595/3	02716	82820	83925		797	62626	70808	05707	694//	01325	83918	85656		797	92101	044	pr.	pr.lpr.l		
Gatwick		776	72719	40818	05307	795//	04506	87922			776	42714	84258	07707	28503	02323	82820			776	01091	042	pr.pr	pr.		
Kew		775	22415	80028	03608	19403	03710	81818	81925		775	42408	78219	07504	44500	02234	84625			775	02091	050	pr.	tlHRr		
Heathrow		772	42416	75251	03809	29433	04809	81818	81925	83070	772	32609	80299	07804	24600	03233	82830			772	02091	047	pr.	tlhr		
Honington		586	72420	57801	99908	794/2	03815	83918	84826		586	52617	80278	03103	59400	01223	83916	84656		586	02091	039	prpr.phrph.r.	phrph.r.pr.		
Wattisham		590									590									590						
Gorleston		497	72424	66031	99109	715//	02717	87825			497	12620	66011	01506	15500	00221	81625			497		045				
Aberporth		502	62831	81021	05507	685//	03222	85822	83640		502	73028	70272	10106	785//	02232	85822			502	93081	032	+	phphr		
Filton		628	22822	65259	05108	29400	03112	82918			628	42818	80018	09307	49500	03333	82920			628	97091	040	pr.	pr.		
Rhoose		715	52925	70299	06006	59400	02316	82815	83925		715	42817	70278	09006	49400	03327	82815	82920		715	01091	019	tl.h.r.ph.r.	pr.ph.r.		
Hartland Point		703	52936	70022	07709	52500	04322	85820			703	52934	74012	10809	52500	05220	85820			703	03101	043				
Mount Batten		827	42826	75028	10510	49401	04109	81915			827	52921	65038	14009	48401	03319	82812	84625		827	01111	039	pr.pr	pr.		
St. Mawgan		817	62927	70038	11609	62500	03213	86822			817	63024	75258	14709	625//	04217	86823			817	03101	036	ph.r.pr.	pr.pr		
Silly		804	53035	80258	14209	48502	05222	84820			804	73033	65258	16810	38571	05217	82820	87458		804	01111	033	pr	prpr.		
Culdrose		809	43022	70258	12909	49401	05218	81710	84920		809	73018	64258	16108	63401	05317	82918	83820	87070	809	03101	000	pr.	pr.		
Guernsey		894	72734	68258	12911	795//	05106	82820	85925		894	72833	70158	16009	59432	04313	82814	82922	85075	894	02111	028	pr.pr	pr.pr		
Elmdon		534	52518	75251	01106	59400	02801	81714	84918		534	22617	81028	05104	12542	50231	81820			534	91081	038	pr.	pr.		
Cardington		559	62620	70278	01208	635//	04710	83920	85825		559	32722	75018	05105	35600	01333	83630			559	94091	047	pr.ph.	+		
Wittering		462	42530	84258	99608	39503	04808	81920			462	22816	82018	03704	29400	01226	82918			462	02091	059	pr.ph.r.prpr.s	prspr.		
Watnall		354	72516	50258	98606	694/3	02704	85915			354	62513	68808	03604	694//	02231	82913	86818		354	05081	043	pr.phrpr.s.	pr.ph.r.pr.s.		
Shawbury		414	62720	70278	00706	59403	03211	84915	85075		414	22715	70018	05404	29400	50229	82915			414	01081	033	pr.prprh	pr.		
Finningley		360	42515	62808	96806	49400	03607	81712	83914		360	22716	80258	01104	29400	01328	81912			360	02081	028	pr.phrph.r.	pr.pr		
Spurn Point		396	62423	66258	96307	59571	03804	83920	85825		396	32618	66018	99105	39500	51219	83920			396			pr.	pr.		
Leeming		257	72718	65808	95206	694/3	02313	82915	85825		257	22718	84028	99103	29400	02322	81918			257	97071	025	pr.	+		
Tynemouth		262	42720	82020	92606	13630	02108	81930	84358		262	02725	69020	96304	00900	00335				262	00071	069	+	+		
Carlisle		222	63010	80258	94805	59403	03216	81715	82918	85640	222	22715	70018	98904	18402	01223	81712			222	02071	018	prpr.	pr.pr		
Valley		302	72929	80258	01707	734//	02225	81915	86820		302	63027	80028	06606	624//	03234	86818			302	92081	029	pr.ph.r.	+		
Ringway		334	72722	70258	98607	794/3	01305	81715	84918		334	63009	65809	03805	53403	02332	82914	84820		334	03071	010	pr.ph.r.tl.r.	pr.phrprl		
Squires Gate		318	52826	70278	97107	59463	03112	82712	84922		318	42923	75018	02807	49400	03233	81917	84825		318	01081	019	pr.prph	pr.pr		
Ronaldsray		204	62928	82258	98206	32542	01117	83821	85070		204	12930	84018	03406	12500	50225	81826			204	91071	033	pr.	+		
Mull of Galloway		131	53030	83271	96705	43501	02223	84920			131	22930	82018	01805	22500	01227	82820			131	01061					
Eskdalemuir		162	72412	62838	93902	794//	01208	84714	87916		162	22512	75028	98303	22502	51226	82820			162	05031	011	psps.pr.s.	pr.		
Prestwick		135	32917	67018	93606	39403	00013	81714	83916		135	23023	70258	98806												



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



1. Cloud Amount (oktas)  
 2. Less than 1/8  
 3. 1/8 to 1/4  
 4. 1/4 to 1/2  
 5. 1/2 to 3/4  
 6. 3/4 to 1  
 7. Obscure  
 8. Useful data  
 OTHER  
 1. Wind  
 2. Wind speed (knots)  
 3. Calm  
 4. 1-2  
 5. 3-7  
 6. 8-12  
 7. 13-17  
 8. Additional  
 9. hour add  
 10. 48-52



# CHARTS OF WEATHER IN WESTERN EUROPE

Enation  
mbols

Cloud  
Symmount  
(oktas)

0  
1 or less  
2  
3  
4  
5  
6  
7 or more  
8

Obscured  
raining or  
foggy data.

OTHER  
SymWeather

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

Code FM II.V OBSERVATIONS at 00h. 13 NOVEMBER 1977										OBSERVATIONS at 06h. 13 NOVEMBER 1977										OBSERVATIONS during NIGHT			
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	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	12712	82021	11803	15702	50207	81650			746	72912	83801	09903	785//	01607	82828	86650		746	01031	51 +	pr.	
Hurn	862	22509	81018	13006	10933	03104	81360			862	53208	80011	10907	55600	03610	85636			862	93041	03 pr. pr.	pr.	
Manston	797	12512	82028	08904	11400	01209	81815			797	32512	82030	07003	22502	00612	82820			797	00021	50 +	jp	
Gatwick	776	02411	82020	10603	00900	00108				776	52614	81031	08405	55700	01710	85656			776	97021	51 +	pr.	
Kew	775									775	62910	80031	08005	657//	01611	86656			775	00041	01 +	+	
Heathrow	772	02612	80020	10104	00900	01208				772	52710	80031	08405	55700	02506	85656			772	00041	01 +	+	
Honington	586	02519	82028	06103	00900	50105				586	42515	82030	05103	45800	00503	84657			586	97031	01 +	pr.	
Wattisham	590									590									590				
Gorleston	497	02515	66020	04804	00900	50209				497	02514	66020	03903	00900	50704			497					
Aberporth	502	73023	80898	12605	785//	03305	85820	87630		502	73328	75808	11705	785//	05302	83820	85635	86650	502	01041	03 ph. ph. r. r.	pr. ph.	
Filton	628	52816	82038	11506	58500	02001	81820	85650		628	73015	70808	10404	785//	03503	83820	86645		628	01041	01 +	pr. pr.	
Rhoose	715	32923	81010	11807	38400	50000	81818			715	32922	81010	10306	38401	02606	82818			715	91041	02 +	pr.	
Hartland Point	703	83015	74278	13608	825//	05004	88820			703	73024	74018	12209	725//	07809	87822			703	02071	05		
Mount Batten	827	73015	62808	15409	784//	05502	84814	85632		827	73319	65808	13308	784//	05504	82815	87627		827	94071	05 pr.	pr.	
St. Mawgan	817	62923	60258	16309	685//	04804	84822	83635		817	83220	70258	14508	884//	05607	84818	88622		817	02071	05 pr. pr.	pr.	
Scilly	804	63023	76258	18610	62400	07801	86817			804	83129	81258	15411	884//	09721	85818	88630		804	03091	07 pr.	pr.	
Culdrose	809	42920	65018	16909	48500	06803	82820	83630		809	83218	66258	14910	833//	07508	81706	82918	87630	809	02071	06 pr.	pr.	
Guernsey	894	52930	80258	16509	38432	05607	83815	84075		894	82925	80808	13710	883//	06613	83709	86815	88650	894	01071	06 pr. - pr.	pr. pr. pr. r. r.	
Elmdon	534	12408	82020	08203	10930	51006	81360			534	22816	82250	07203	18402	01502	81818			534	94021	50 +	pr. pr. pr. s. s.	
Cardington	559	02513	75020	07903	00900	01102				559	52713	75801	07004	48502	01302	83825	83631		559	97031	01 +	pr. ir.	
Wittering	462	02615	82018	06703	00900	50106				462	72817	82031	05803	784//	01500	83816	87630		462	97021	51 +	pr.	
Watnall	354	32415	65808	05503	32400	01004	83810			354	32507	75018	06002	12430	01308	81812	83359		354	03011	51 pr. pr. s. pr. pr.	pr. s.	
Shawbury	414	02712	75020	07904	00900	01208				414	83417	65908	08403	894//	02320	88913			414	02021	51 pr.	pr. phr	
Finningley	360	22712	80258	03905	28500	01207	81825			360	32811	84018	04603	25703	01312	82650			360	97031	51 pr.	+	
Spun Point	396	02620	70020	02405	00900	01307				396	12720	75020	03105	10970	01312	81360			396		+	+	
Leeming	257	02823	84020	01304	00900	01001				257	02806	84020	04503	00900	00228				257	00021	51 +	+	
Tynemouth	262	12720	81020	99404	10930	01211	81358			262	02916	80020	03302	00900	00223				262	00011	51 +	+	
Carlisle	222	32914	70031	01804	28401	02210	81715			222	12804	75018	05501	15601	00226	81645			222	91011	54 pr.	+	
Valley	302	52927	80012	08906	52400	03106	82817	84822		302	73125	80028	10106	784//	03315	81815	85820	87632	302	96051	03 pr.	pr.	
Ringway	334	73116	65808	06104	794//	02107	81915	84820	87625	334	43012	80268	06404	48500	03209	82820	83640		334	05011	50 pr. pr. ph.	pr. pr. pr. s.	
Squires Gate	318	52924	80011	05007	58500	02007	82825	84640		318	33122	82018	07106	38500	02325	82820			318	01051	03 pr.	pr. pr.	
Ronaldsway	204	22927	84010	06205	22500	00206	82822			204	33130	84261	08005	32500	02104	83820			204	03021	01 +	pr. pr. pr.	
Mull of Galloway	131	23025	81258	04605	22500	01209	82820			131	23417	81258	08004	22500	01223	82820			131	02021			
Eskdalemuir	162	52821	62838	00902	49402	50209	81918	83820		162	32916	81018	05201	12402	52226	81818	83075		162	92501	53 pr. pr. s. pr. s.	+	
Prestwick	135	73427	56878	02403	794//	02218	82910	84815	85640	135	13312	82018	07003	11401	01225	81817			135	03021	00 pr. ph. pr.	+	
Abbotsinch	140	52812	60808	00903	58300	02116	81709	84818		140	23009	80038	05902	18401	00230	81818			140	01013	53 pr. pr.	+	
Leuchars	171	12713	86020	98703	15700	01224	81650			171	02413	86020	03102	00900	52224				171	00021	51 +	+	
Dyce	091	12719	80018	95904	11500	51218	81825			091	72823	80251	99704	784//	51322	81715	84822	86630	091	97031	01 pr.	pr.	
Lerwick	005	82931	57618	83205	883//	04330	83708	83813	88622	005	53224	65216	90805	58300	04235	81708	84814		005	03032	03 pr. r. r.	r. r. pr.	
Wick	075	73033	56808	93904	784//	00222	83710	84816	87635	075	63129	70258	99003	684//	02228	83816	85642		075	03031	01 pr. phr	pr. ph. r. pr.	
Sule Skerry	010	73252	48258	94505	4357//	03227	84920	87360		010	63230	58258	00405	635//	04230	86920			010	02021	03		
Cape Wrath	049	33634	70028	96704	32500	00234	83820			049	33632	70808	00905	32500	02210	83820			049	93011	01 pr.	pr. ph. r.	
Stornoway	026	43420	80278	00804	49400	01228	84912			026	43312	80188	05904	19463	02224	81913	83362		026	01031	01 ph. r. pr. r. ph.	ph.	
Benbecula	022	63128	70808	03006	684//	51220	83816	85625		022	63220	70258	08304	694//	02222	81914	86816		022	07021	01 r. s. ph. r. s.	ph. pr. pr.	
Tiree	100	53231	65278	03904	59400	01227	82915	83818		100	63224	65878	08205	695//	01225	86921			100	01031	02 ph. r. phr	pr. ph. r. phr	
Aldergrove	917	62811	75038	07503	683//	01215	81709	83818	86622	917	33012	80038	10503	13402	01221	81915	83070		917	01021	50 pr. pr. s.	pr. pr.	
Malin	980	53137	70258	06506	534//	00216	85918			980	73431	70808	10206	734//	02222	87918			980	0202	002		
Belmullet	976	52924	76028	13708	534//	01211	81717	85920		976	42919	76258	15807	43500	03209	84920			976	0305	093		
Birr	965	73011	62808	13406	735//	01208	85920	85634		965	43012	75018	14905	45600	02312	84634			965	9704	01		
Dublin	969	12616	80038	11004	15500	01215	81620			969	82715	75028	12804	884//	01216	83818	85640	88650	969	9103	01		
Shannon	962	43015	75258	15207	43500	04109	81922	83650		962	33217	60258	16207	32500	03108	83820			962	9407	04		
Roches Point	952	72413	75808	15908	734//	05003	84918	86645		952	83021	75038	16209	884//	05309	81818	88634		952	9707	04		
Valentia	953	83017	70258	18010	884//	07002	81714	84825	88640	953	83315	70038	18510	856//	07309	88632			953	9308	07		

Code FM 21.V

## OCEAN WEATHER STATION REPORTS at 00h.

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## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

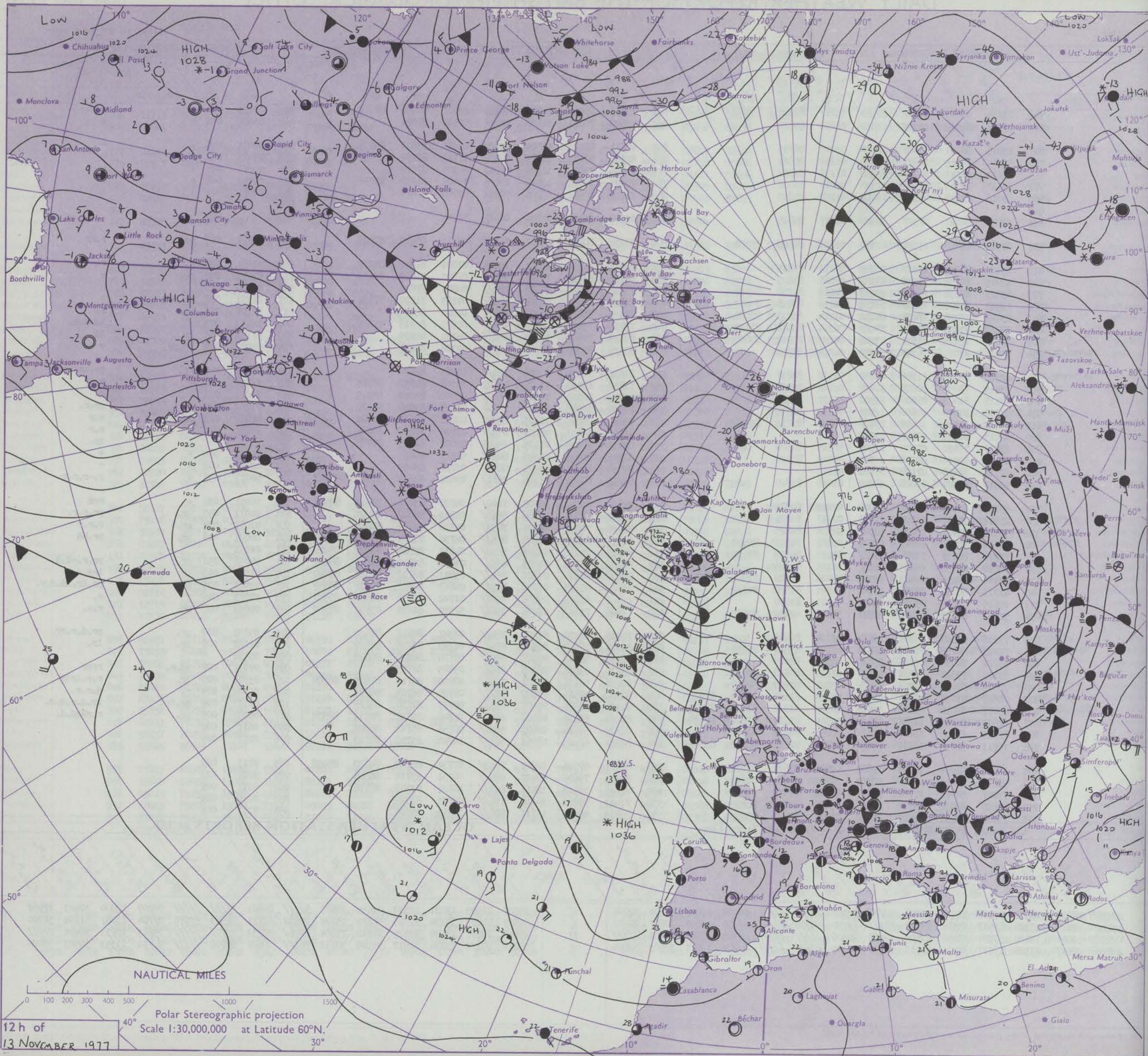
No. 42361

Date of Issue MONDAY 14 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 13 NOVEMBER 1977										OBSERVATIONS at 18h. 13 NOVEMBER 1977										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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> H	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	T <sub>e</sub>	SSS	WEATHER		
																									09h.—15h.	15h.—21h.
Boscombe Down		746	23115	86038	12907	21530	01217	82820			746	72607	83021	14005	45701	02008	84656	87075		746	00081	078	+		+	
Hurn		862	23218	84028	13308	11501	02214	81820			862	72607	70031	14606	00901	02304	87070			862	00091	076	+		+	
Manston		797	63015	86021	09006	62400	02216	86815			797	62611	81031	11705	32504	01213	83821	85075		797	00071	055	+		+	
Gatwick		776	53214	84018	10807	52500	01218	85824			776	82307	82031	12802	00907	01109	88272			776	00081	064	+		+	
Kew		775	23113	82011	10907	21500	01118	82822			775	72305	75021	12106	00901	01103	87072			775	00071	053	+		+	
Heathrow		772	13118	80011	11307	11500	02219	81822			772	72307	70021	12505	15706	02005	81650	87270		772	00081	048	+		+	
Honington		586	13016	84028	08806	11400	01220	81815			586	72510	80031	09704	00902	01005	87075			586	00071	072	+		+	
Wattisham		590									590									590						
Gorleston		497	33014	66021	07307	32500	01217	83825			497	02508	66020	08704	00900	51204				497		059				
Aberporth		502	63324	80028	15307	42502	01217	84820	83070		502	72915	80028	13407	785//	03713	85820	87625		502	01081	017	pr.		r.r	
Filton		628	13112	82028	13807	18501	00213	81825			628	52812	80011	13807	15608	01801	81642	85275		628	91081	069	+		r.	
Rhoose		715	42915	80158	14508	48501	02015	83825			715	62708	81038	14106	685//	02802	81820	86636		715	97091	055	pr.		+	
Hartland Point		703	63323	85258	16208	49432	04218	81710	84918		703	73308	80022	15109	725//	04803	87820			703	92110	019				
Mount Batten		827	73312	65808	16808	784/2	04118	83818	85640		827	72807	70038	16809	785//	04103	81820	87650		827	01101	027	pr.pr		+	
St. Mawgan		817	63419	75028	17408	68432	01214	83818	85630		817	83113	75032	16909	855//	04804	88623			817	92101	033	pr.		r.	
Silly		804	73419	75028	19011	784//	06214	83818	87630		804	73014	75022	18511	784//	07605	82818	87635		804	92111	003	+		ld.d.d.	
Culdrose		809	53619	75018	18109	43401	04123	83918	84630		809	82610	70028	17909	856//	06301	88630			809	97111	010	pr.		ld.	
Guernsey		894	53225	83021	16308	58500	02219	85820			894	53121	82028	17708	42502	02108	84820			894	97091	044	pr.pr.		+	
Elmdon		534	42917	70158	11306	48400	01118	83817			534	72612	70038	10906	756//	00804	87639			534	91071	056	pr.		pr.-r.	
Cardington		559	33113	75038	10607	31400	02118	83818			559	72810	65031	11405	45702	03108	84650	87075		559	97081	068	+		r.	
Wittering		462	13119	81028	09906	11500	51122	81820			462	72717	80021	10105	35608	02602	83640	87275		462	91071	073	+		r.	
Watnall		354	13008	81020	10606	11400	00219	81815			354	82307	62018	09704	25507	03805	82820	88270		354	97071	070	+		pr.r.	
Shawbury		414	72815	62808	12605	794//	03223	81712	86916		414	72609	82028	10505	25728	02811	82650	84464	87270	414	01081	028	pr.ph.r.		r.r	
Finningley		360	02913	80020	09407	00900	51117				360	82608	65031	08206	855//	02708	85620	88635		360	95081	071	+		r.r	
Spurn Point		396	13019	75020	07605	12500	50219	81820			396	62615	70021	07105	15505	01807	81625	86075		396			+		ir.	
Leeming		257	12917	89020	08506	11500	51015	81820			257	82406	89021	06305	8092/	50817	88465			257	00071	065	+		+	
Tynemouth		262	02714	80020	07105	00900	51215				262	82510	69021	03905	8092/	01726	88458			262	00061	062	+		+	
Carlisle		222	12810	84020	09006	18542	01010	81820			222	82715	80601	05106	3567/	03624	83640	83360	88462	222	96071	055	+		r.-r.r.r	
Valley		302	53117	80018	13308	44502	02013	84825			302	82620	81022	10508	7442/	04720	83818	87628	88458	302	06091	039	+		rrR	
Ringway		334	23211	75031	11107	22501	02017	82825			334	82607	58028	09206	6562/	02713	86640	88460		334	94071	053	pr.		pr.r.r.	
Squires Gate		318	53315	82021	10807	58500	02014	84825			318	82919	70038	08308	7857/	04716	81825	87643		318	01091	034	pr.		r.r.r	
Ronaldsway		204	63018	75028	11707	58502	03108	84822	83640		204	82615	81252	07908	885//	04730	81821	86826	88640	204	06091	019	pr.		pr.RR	
Mull of Galloway		131	73315	80158	11205	785//	03212	84820	87630		131	82425	70216	06207	5852/	04835	82820	83630	88459	131	02091					
Eskdalemuir		162	32710	88030	08505	21502	51111	82820			162	81807	65258	04003	4852/	01832	82820	83630	88460	162	94051	051	pr.		pr.r.-d.d	
Prestwick		135	63113	80251	09505	39345	02006	81708	81920	83270	135	82522	64628	03307	854//	05841	82712	85620	88640	135	01081					



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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mid snow

shower

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shower

shower

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Wind  
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Calm

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3-7

8-12

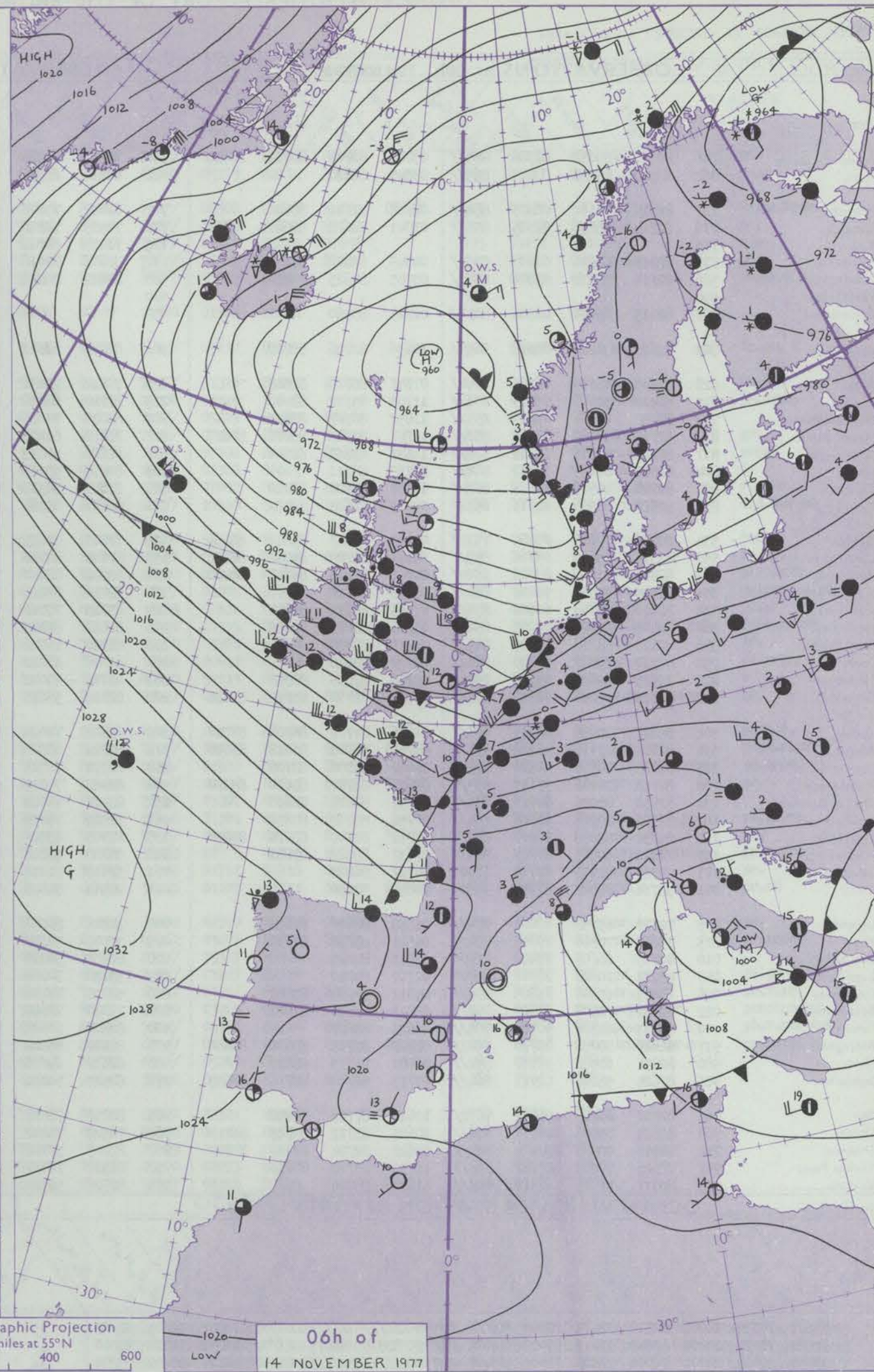
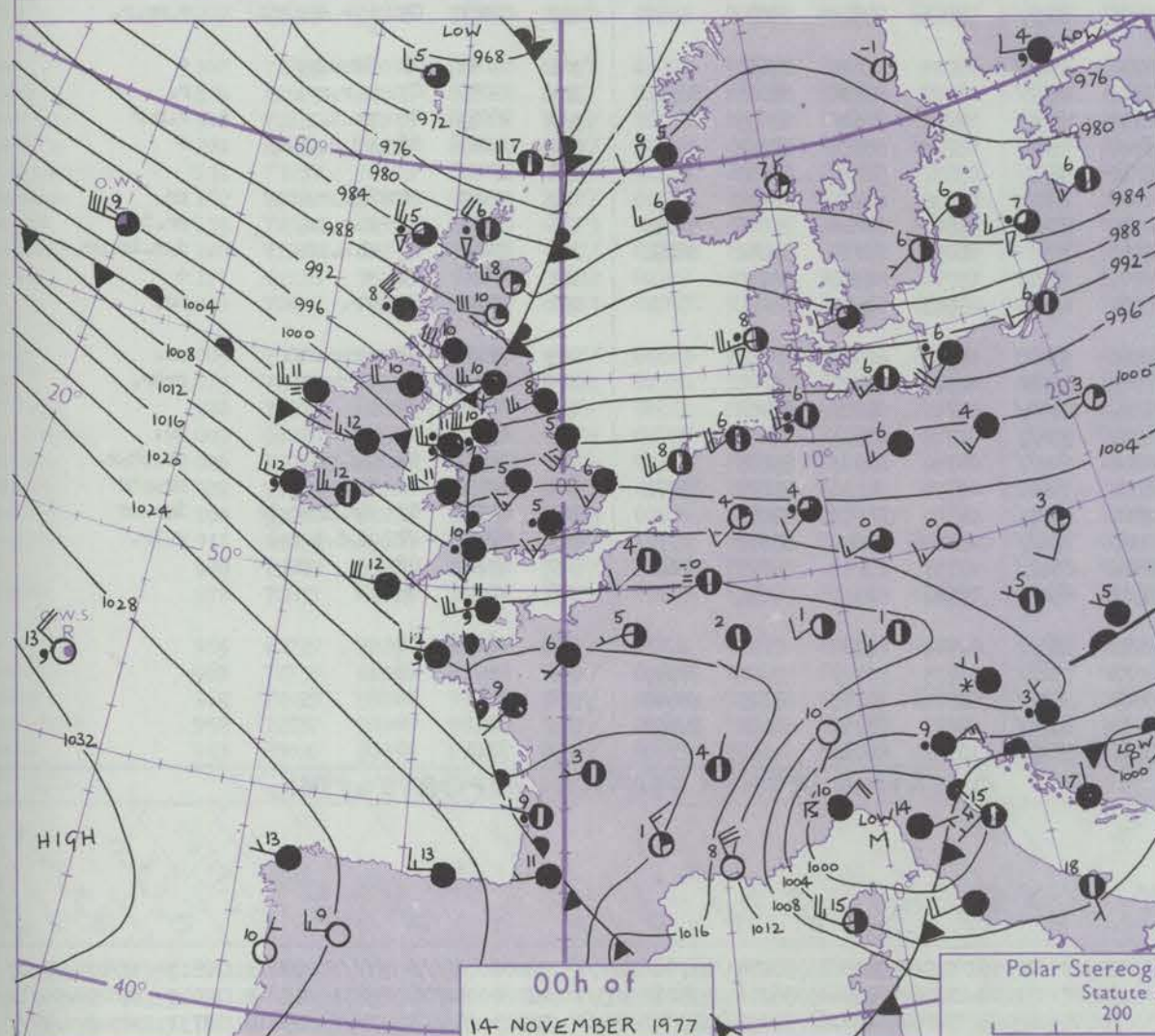
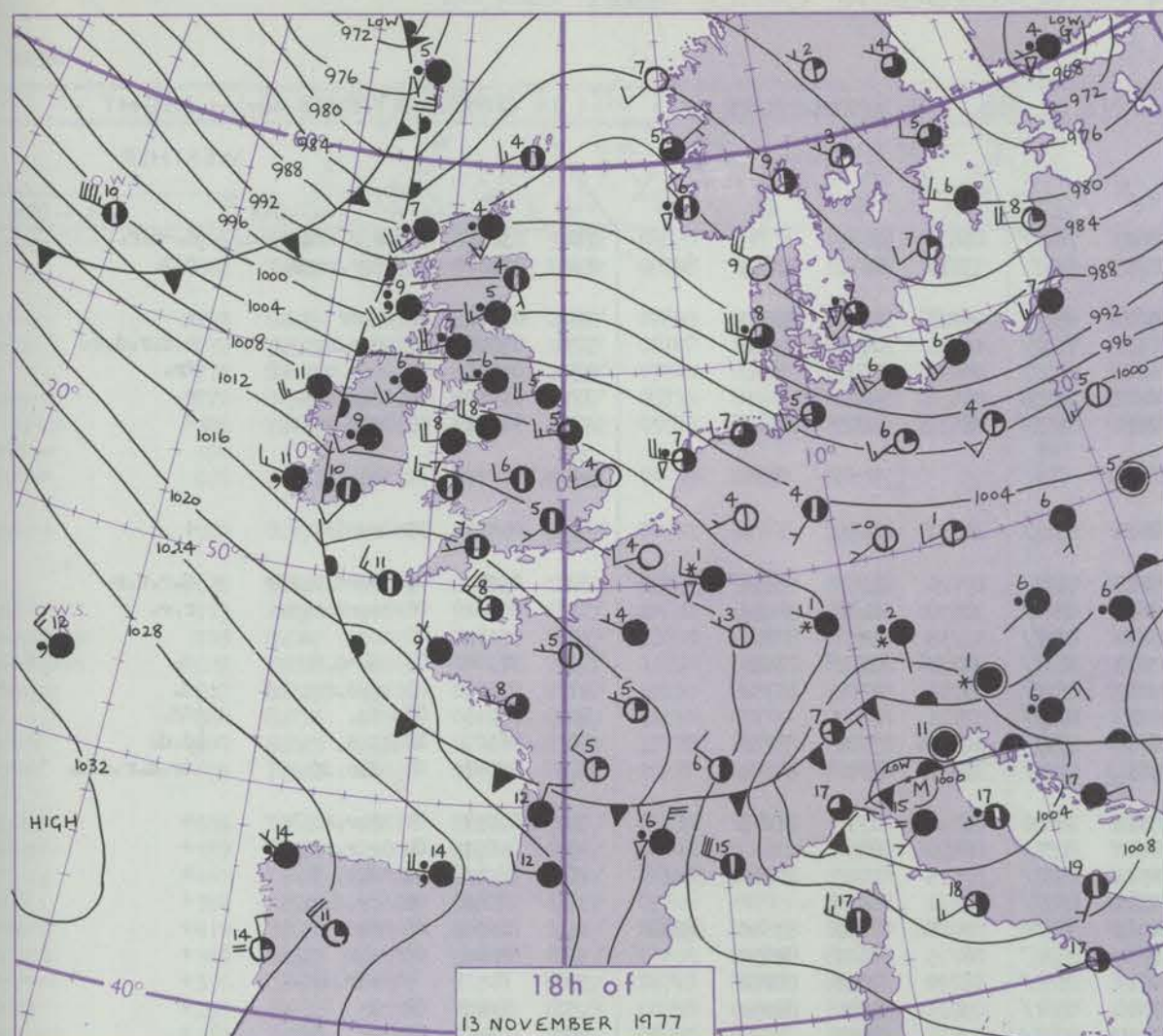
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additional  
er add

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# 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 belt of high pressure over the central Atlantic remained more or less stationary whilst a deep low moved southeastwards from north Iceland into the Norwegian Sea. Associated trough of low pressure moved quickly across the British Isles. During the next

24 hours the belt of high pressure will remain in mid-Atlantic, the low will continue to move southeastwards deepening a little more. The British Isles will remain in a strong northwesterly airstream.

Issued at midday MONDAY 14 NOVEMBER 1977



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

OBSERVATIONS at 00h. 14 NOVEMBER 1977											OBSERVATIONS at 06h. 14 NOVEMBER 1977											OBSERVATIONS during NIGHT				
Station	iii	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>	8N <sub>s</sub> Ch <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub>	iii	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>	8N <sub>s</sub> Ch <sub>s</sub>	8N <sub>s</sub> Ch <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	82110	59632	07706	853//	05742	82708	85711	88618	746	72816	82026	98611	764//	09622	87715			746	03051	04	r.r.r.r.d.r.-d.	d.-d.r.			
Hurn	862	82310	65616	08809	855//	08845	88620			862	62714	62036	00313	653//	11619	84708	84615		862	02061	03	r.r.r.r.d.d.	d.d.			
Manston	797	82314	70602	06805	854//	02738	81712	88640		797	82417	75026	95011	854//	09743	83713	88650		797	01041	02	r.r.r.	+			
Gatwick	776	82214	65636	07505	855//	03841	81628	88647		776	72515	70216	97511	754//	10631	81714	87616		776	03041	50	r.r.r.r.r.	r.d.r.d.r.			
Kew	775									775	72413	80026	96312	755//	09630	87622			775	01051	04	r.r.r.	ir.			
Heathrow	772	82113	62636	06405	855//	04849	82625	88657		772	32615	75016	96412	25504	09633	82622			772	01051	04	r.r.r.r.	r.			
Honington	586	82214	58632	03304	4552/	03745	84623	88550		586	82619	80016	92511	6552/	08632	86623	88460		586	94041	03	r.r.r.r.	+			
Wattisham	590									590										590						
Gorleston	497	82215	66021	02806	8091/	02743	88460			497										497						
Aberporth	502	82628	50216	04211	863//	10636	82706	88710		502	82624	62022	98811	857//	10831	88650			502	04081	03	rrRir.	+			
Filton	628	82313	56655	06108	6742/	07747	86710	88518		628	72613	75036	98411	4533/	09720	81709	83656	86360	628	05071	06	r.r.d.r.r.d.r.	d.r.d.r.			
Rhoose	715	82419	30656	05311	871//	11753	83702	88703		715	82727	68016	98612	6542/	10830	86614	88458		715	09091	08	r.r.r.r.r.	r.r.			
Hartland Point	703	82732	62606	07011	853//	11652	86707	88620		703	83030	74026	02612	873//	11718	85707	88815		703	91111	09					
Mount Batten	827	82719	50585	09712	852//	11747	83703	85706	88615	827	73026	62206	03813	753//	10724	83706	87619		827	97101	07	d.-d.r.	d.			
St. Mawgan	817	82721	59216	11112	872//	11637	83703	88704		817	82826	59025	05712	862//	11718	84704	88708		817	93101	07	r.d.r.	d.			
Scilly	804	82829	60025	13412	864//	11735	88711			804	82833	50505	08212	872//	12721	88703			804	97111	08	id.	id.			
Culdrose	809	82920	40515	11612	872//	11739	83704	88710		809	82827	30515	06712	871//	12814	83702	88708		809	96101	10	id.d.	id.d.			
Guernsey	894	82524	66586	12911	6542/	09853	86611	87459		894	82634	45586	06812	871//	12814	85702	88703		894	92091	06	d.r.id.	ir.d.r.d.d.			
Elmdon	534	82116	70216	01605	7532/	04763	81707	85613	86656	534	72719	82031	93811	16456	06716	81715	87275		534	01051	04	r.r.r.	+			
Cardington	559	82319	65616	03406	853//	05757	82709	85712	88656	559	82618	81026	94111	8097/	08830	88365			559	01051	04	r.r.r.r.	+			
Wittering	462	82221	81216	00806	6552/	04766	82623	86647	88460	462	82630	82032	92511	2557/	07525	82625	84360	88466	462	96041	03	r.r.	+			
Watnall	354	82114	59586	99406	864//	04758	88710			354	82416	81026	92311	855//	06811	88625			354	97051	04	ir.d.r.	+			
Shawbury	414	82411	70216	00108	854//	07763	84615	88640		414	62723	75016	94011	35620	07814	82630	83645	85462	414	02061	05	rr.	+			
Finningley	360	82413	82026	96807	854//	05766	83615	88650		360	82820	81022	90211	855//	06715	86620	88650		360	94041	01	r.r.	+			
Spurn Point	396	82123	68216	96705	865//	04773	88721			396	82720	66022	89010	2557/	06720	82625	88460		396			r.r.r.	+			
Leeming	257	82314	70022	93809	854//	06779	88616			257	82616	80022	87310	4567/	05825	84630	88459		257	00071	04	+	+			
Tynemouth	262	72525	69022	89210	2567/	06790	82635	87358		262	82716	69022	85109	8097/	04824	88358			262	00061	05	+	+			
Carlisle	222	82623	58216	90810	854//	09779	83710	85715	87621	222	82816	58626	85608	855//	07834	83624	88634		222	02061	05	r.r.d.r.r.	r.r.r.			
Valley	302	82627	40586	00011	871//	11656	84702	86706	88710	302	82828	70036	94911	854//	08724	85614	88620		302	03091	08	Rrd.r.	+			
Ringway	334	82215	82216	98208	854//	06766	81713	86618	88656	334	82721	68606	92811	854//	07720	82714	86618	88640	334	92051	03	r.r.r.r.	r.			
Squires Gate	318	82628	56516	96510	873//	10660	85706	88709		318	82721	70215	91711	855//	08718	82620	88635		318	96071	08	rr.d.	r.r.r.			
Ronaldsway	204	82718	70206	97111	653/7	09647	83707	85620	88270	204	82929	75022	91310	5567/	05735	85635	88360		204	94091	06	rd.r.d.d.	+			
Mull of Galloway	131	82930	81026	94911	885//	09739	81825	88630		131	82927	70022	88910	885//	09837	82820	88635		131	97091						
Eskdalemuir	162	82522	60216	90108	854//	06756	85718	88630		162	72526	75258	84307	784//	04738	84819	86635		162	02041	04	ddd.r.pr.	pr.			
Prestwick	135	82932	62026	90810	854//	07753	81710	83630	88650	135	82925	65808	84909	884//	06841	83818	84628	88645	135	01081	07	d.r.pr.	pr.ir.			
Abbotsinch	140	72822	60805	89209	785//	07637	83822	87640		140	82824	58608	82208	7542/	06659	82715	86640	88458	140	02071	06	d.d.pr.	d.r.ir.pr.			
Leuchars	171	22729	82016	84710	11501	04767	81820			171	52419	82011	79707	30932	03740	83362	85070		171	00061	01	+	+			
Dyce	091	32714	82257	82908	35600	04850	83630			091	22513	84028	76707	15630	01843	81640			091	97031	02	pr.	pr.			
Lerwick	005	72719	65258	72007	784//	05658	83816	87632		005	32718	80258	66406	33400	04838	83910			005	03041	02	rrpr.	pr.			
Wick	075	73021	70806	79706	784//	04621	83818	87639		075	32007															

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

ISSN 0307-2541

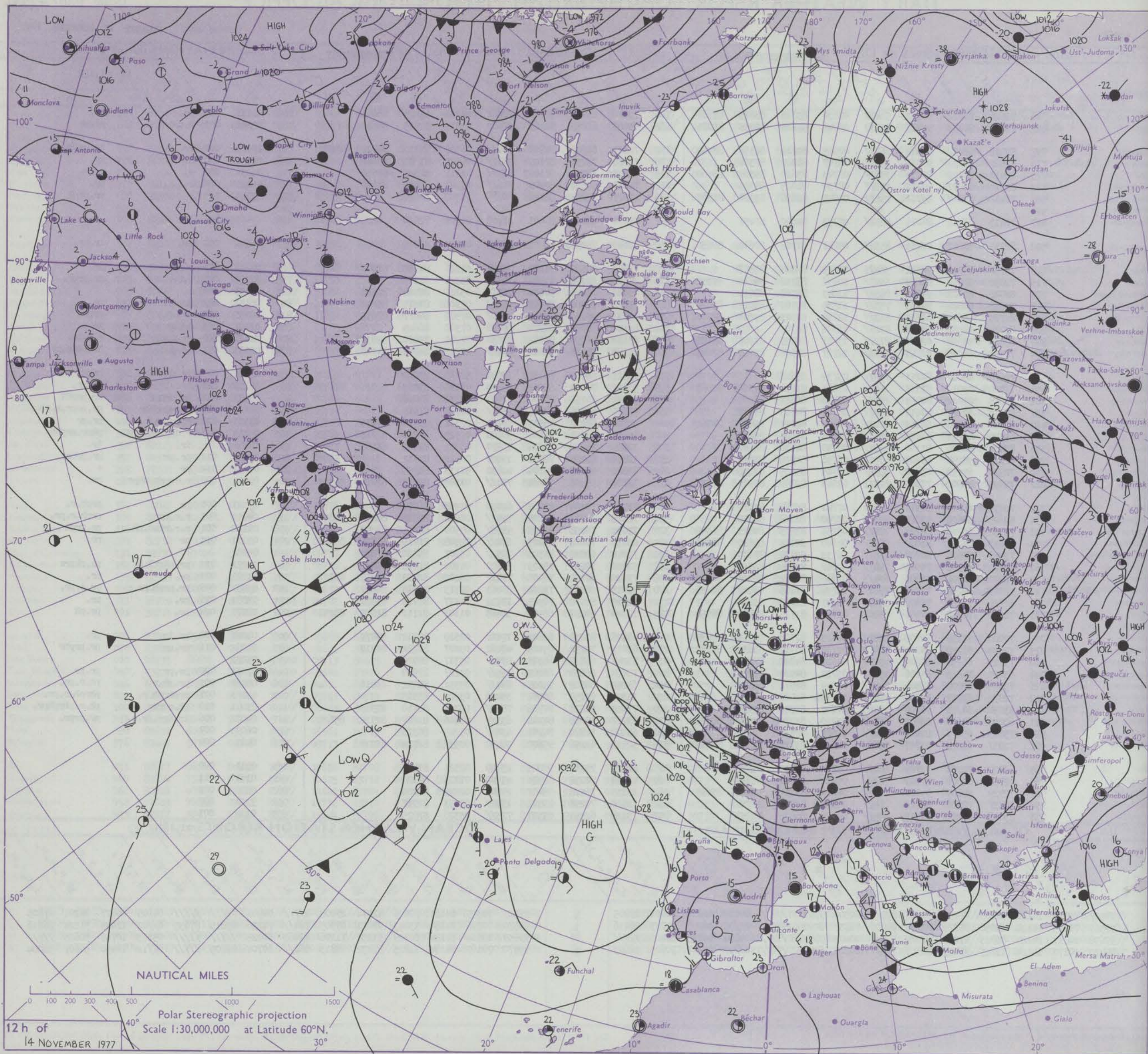
No. 42362

Date of Issue TUESDAY 15 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 14 NOVEMBER 1977										OBSERVATIONS at 18h. 14 NOVEMBER 1977										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	RRT x x x	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	72520	81022	92412	51432	08839	83718	85825	85360	746	73026	65258	90209	785//	02317	83820	86645		746	92131	003	pr.	pr.			
Hurn	862	72624	80032	93713	15432	09848	81618	85358	85075	862	63028	65258	92209	68400	05313	82715	86640		862	92141	003	r.dr	pr.pr			
Manston	797	82418	68032	89312	1647/	07845	81712	87359	88464	797	72827	61806	84808	784//	06508	81713	84824	86643	797	02121	000	ir.	ir.pr.Rrpr.			
Gatwick	776	72522	80022	90912	1857/	06747	81822	87360		776	72926	75258	87509	786//	06503	83830	87647		776	01131	000	d.r.	pr.			
Kew	775	82417	80022	89713	3557/	07743	83620	85358	88460	775	72818	65256	87109	785//	03311	81825	87656		775	91131	000	r.	r.pr.			
Heathrow	772	82520	68021	90112	2557/	08739	81625	88359		772	72820	65806	87509	786//	05307	84830	87656		772	93131	000	r.d.r.	pr.			
Honington	586	72417	84012	85711	25572	05645	82626	83360	87365	586	42827	82051	82406	45500	01309	84622		586	02121	003	+	pr.prpr				
Wattisham	590									590									590							
Gorleston	497	72413	66012	84011	4552/	07753	84620	87457		497	22720	66018	80407	21500	01304	82820		497		000						
Aberporth	502	82733	59602	92111	853//	09741	81708	87614	88650	502	63040	70038	91907	684//	05117	85815		502	96121	000	ir.	ir.pr.				
Filton	628	72730	65022	90212	58472	08749	84818	85362		628	73041	58806	91208	794//	51326	84915	87645		628	92121	001	r.pr.	pr.			
Rhoose	715	72830	57052	91612	6547/	10831	83712	84620	87359	715	22928	68256	91907	28400	03326	81818		715	04121	001	r.r.	pr.prpr.				
Hartland Point	703	82842	60022	95813	853//	11643	85707	88630		703	73040	60026	94610	723//	05225	84708	87820		703	97131	000					
Mount Batten	827	72828	60602	99913	753//	11830	82709	85712	87620	827	73025	63806	97509	784//	07306	84815	85635		827	96131	002	ir.d.	pr.			
St. Mawgan	817	82725	45606	00712	872//	12734	81703	85704	88706	817	73132	35816	98707	784//	07309	84817	87635		817	02131	000	r.d.r.r	prpr.			
Scilly	804	82736	58505	03113	872//	12836	88705			804	63141	58026	01910	65500	07308	86625		804	01131	003	id.ir	ir				
Culdrose	809	82825	50606	02013	872//	13727	82703	83705	88708	809	63129	40056	98911	58530	07002	82820	85630		809	01131	000	ir.r.r.	r.r.r.ir.			
Guernsey	894	72533	66026	02713	7533/	12727	82706	85708	87645	894	62940	58808	98212	692//	10510	84705	84910		894	01131	001	id.d.d.	d.d.d.pr.pr			
Elmdon	534	72620	68012	87111	7557/	05739	87626			534	12821	65018	85106	19400	51116	81910		534	02121	003	ir.pr.pr	prpr.				
Cardington	559	72520	75012	87311	1567/	07844	81630	84360	87363	559	52821	70808	85107	59500	03316	83820	82925	84630	559	96131	001	ir.	ir.pr.			
Wittering	462	72628	70022	84911	2857/	06748	81622	86361		462	22827	80258	83105	28500	02314	81820		462	02121	010	pr.prpr	pr.prprR				
Watnall	354	82516	50622	84610	854//	07746	84715	88619		354	72720	65806	82705	724//	02208	87818		354	04111	004	ir.-rpr.pr	pr.prpr.s.ph.				
Shawbury	414	82626	65806	86210	6847/	08644	84819	85630	88361	414	42920	68258	85605	19403	02314	81916	84074		414	01111	009	r.pr.pr	pr.pr			
Finningley	360	62523	60216	81410	685//	07755	84824	85640		360	52825	72808	78806	59400	01515	82710	82918		360	03111	008	r.d.r.phRrpr	prpr.prprR			
Spurn Point	396	82425	60606	81310	4652/	06749	84720	88460		396	32625	66016	77206	15570	03801	81620	83360		396			ir.	ir.			
Leeming	257	62728	58258	78109	695/3	06756	84920	83825		257	12816	84268	76804	19400	00612	81912		257	05111	012	pr.pr	pr.prpr				
Tynemouth	262	72520	69258	75409	3353/	05745	83925	87358		262	42825	69028	72704	40930	51713	84358		262	02101	014	pr	+				
Carlisle	222	72923	60806	77307	793/2	04843	82708	82915	86635	222	72719	65808	76204	794//	01109	81713	82917	85820	222	04091	002	r.r.rpr.prpr	pr.			
Valley	302	72835	68016	86911	684/2	07741	85818	83072		302	73040	70258	87205	62430	04308	86812		302	01121	001	pr	prph.r.				
Ringway	334	82625	58606	83810	854//	07750	86618	88640		334	72825	70278	81706	794//	00000	82915	84820	86640	334	04111	001	r.r.rpr.	prph.r.pr.			
Squires Gate	318	72732	60216	82211	784//	08754	83815	84625	86640	318	73034	70258	81507	5856/	03500	84821	84359		318	09112	001	r.r.rRpr.pr	pr.prpr			
Ronaldsway	204	82833	65252	83009	885//	04640	82724	85830	88645	204	62933	70018	83405	684//	02308	81715	83820	85626	204	01111	011	pr	pr.			
Mull of Galloway	131	73239	70608	80708	785//	04733	82820	87630		131	73040	60818	80506	785//	03307	85820	87630		131	05101						
Eskdalemuir	162	72722	57808	75905	794//	02642	82916	83819		162	52624	70269	75103	59400	01301	81915	83820		162	04071	011	pr.phrtl.ps	ps.pspr			
Prestwick	135	72931	62806	76108	694/3	02636	81912	84818	86645	135	73130	62258	76907	794//	04312	82710	83915	86822	135	04101	009	pr.	pr.			
Abbotsinch	140	72917	62258	74406	7947/	03735	81915	83820	86635	140	53013	68258	75204	59463	02313	81916	84630		140	03081	009	pr.prph.pr.s.	pr.s.pr.			
Leuchars	171	62726	75258	70108	38432	00747	81710	83824		171	52720	82012	70505	19432	01317	81918	85070		171	97081	036	pr.	pr.			
Dyce	091	72620	70258	67905	68463	02747	81715	83820	86650	091	72720	80258	66904	39463	01107	81712	82915	83359	091	02071	024	pr.	pr.pr			
Lerwick	005	70000	75258	60705	5337/	04623	82708	82911	8																	



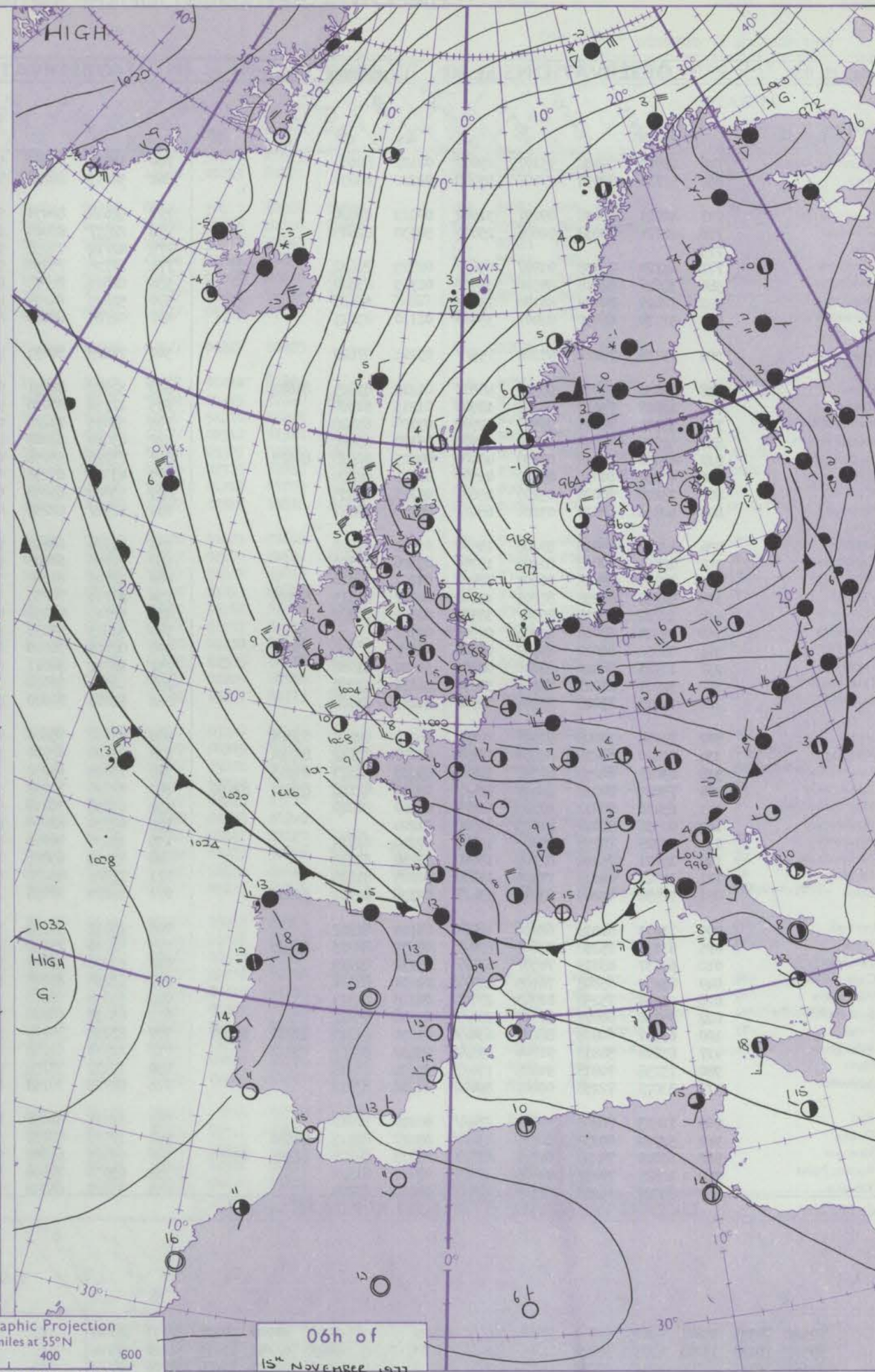
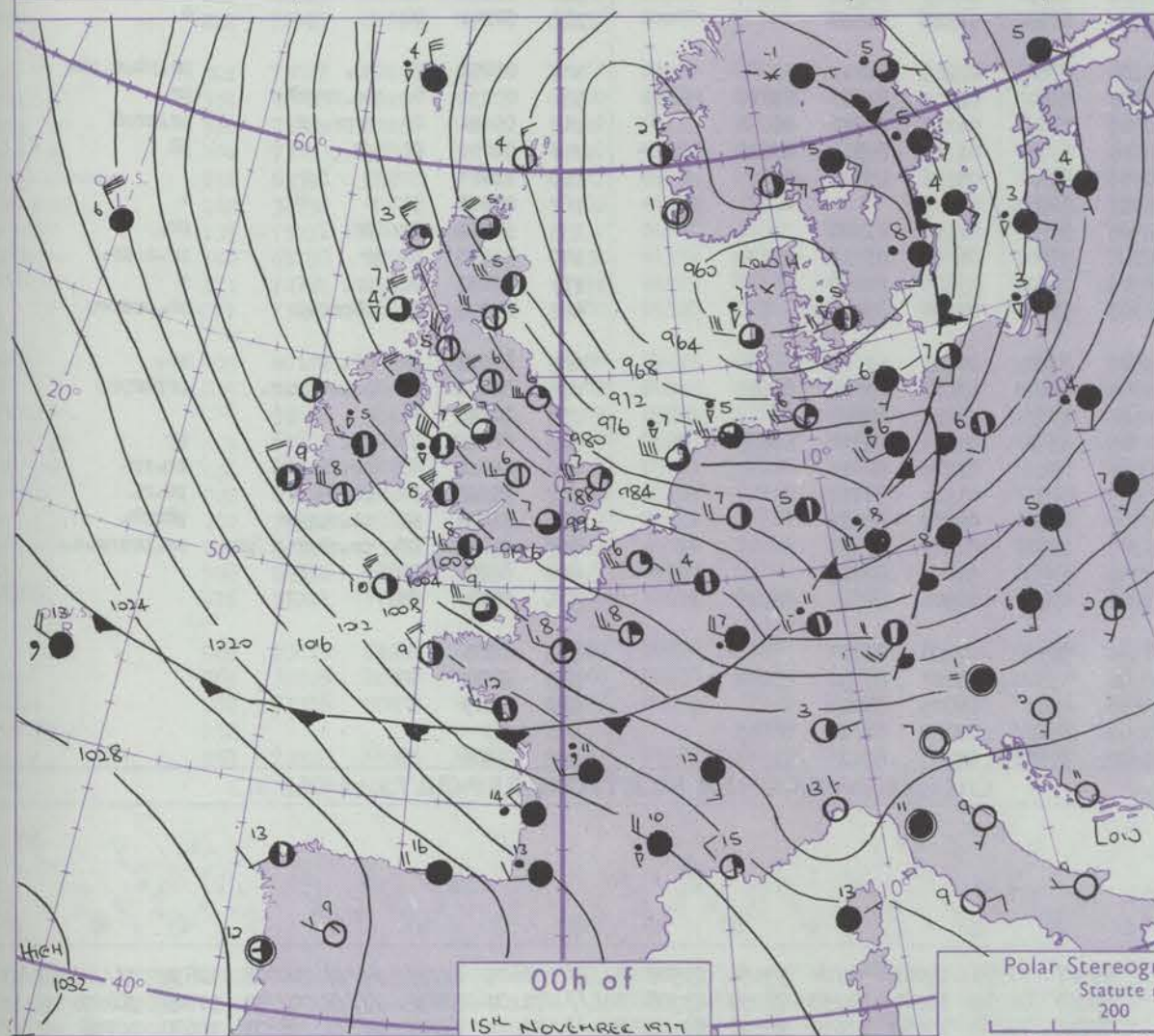
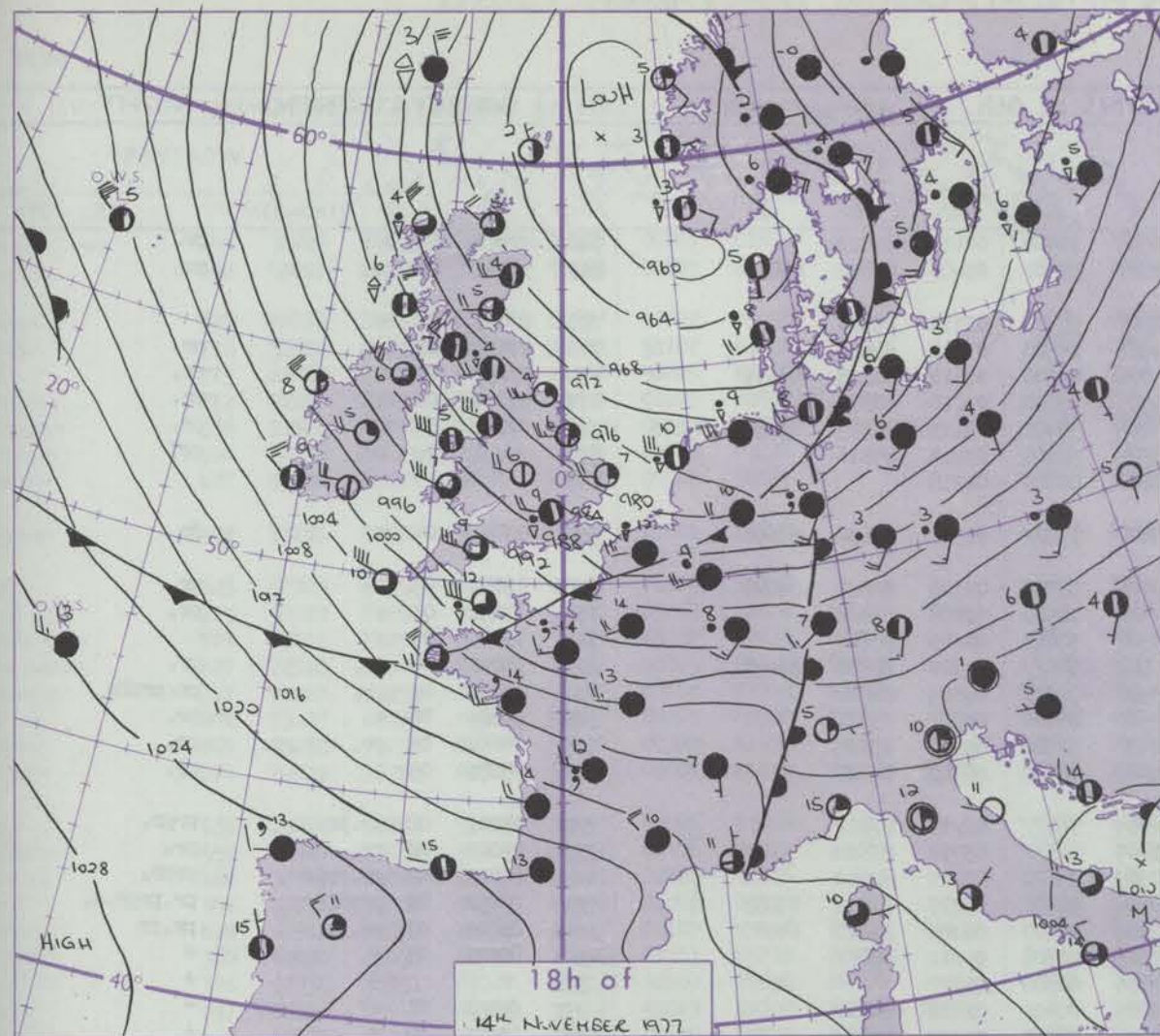
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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3-7  
8-12  
13-17  
Additional  
or add  
18-52



# 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 belt of high pressure in central Atlantic remained almost stationary. A deep depression north of Shetland moved slowly southeast towards southern Sweden. Associated troughs of low pressure moved rapidly east across the British Isles. During the next 24 hours

the deep depression over southern Sweden is expected to move slowly east, while the ridge of high pressure from the Azores towards southern Greenland is maintained. The British Isles will remain in a strong northwesterly airstream.

Issued at midday TUESDAY 15 NOVEMBER 1977



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

Code FM II.V										OBSERVATIONS at 00h. 15 NOVEMBER 1977										OBSERVATIONS at 06h. 15 NOVEMBER 1977										OBSERVATIONS during NIGHT									
Station																																							
		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</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>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</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>	iii	RT <sub>n</sub> T <sub>E</sub>	T <sub>g</sub> T <sub>g</sub>	WEATHER																



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

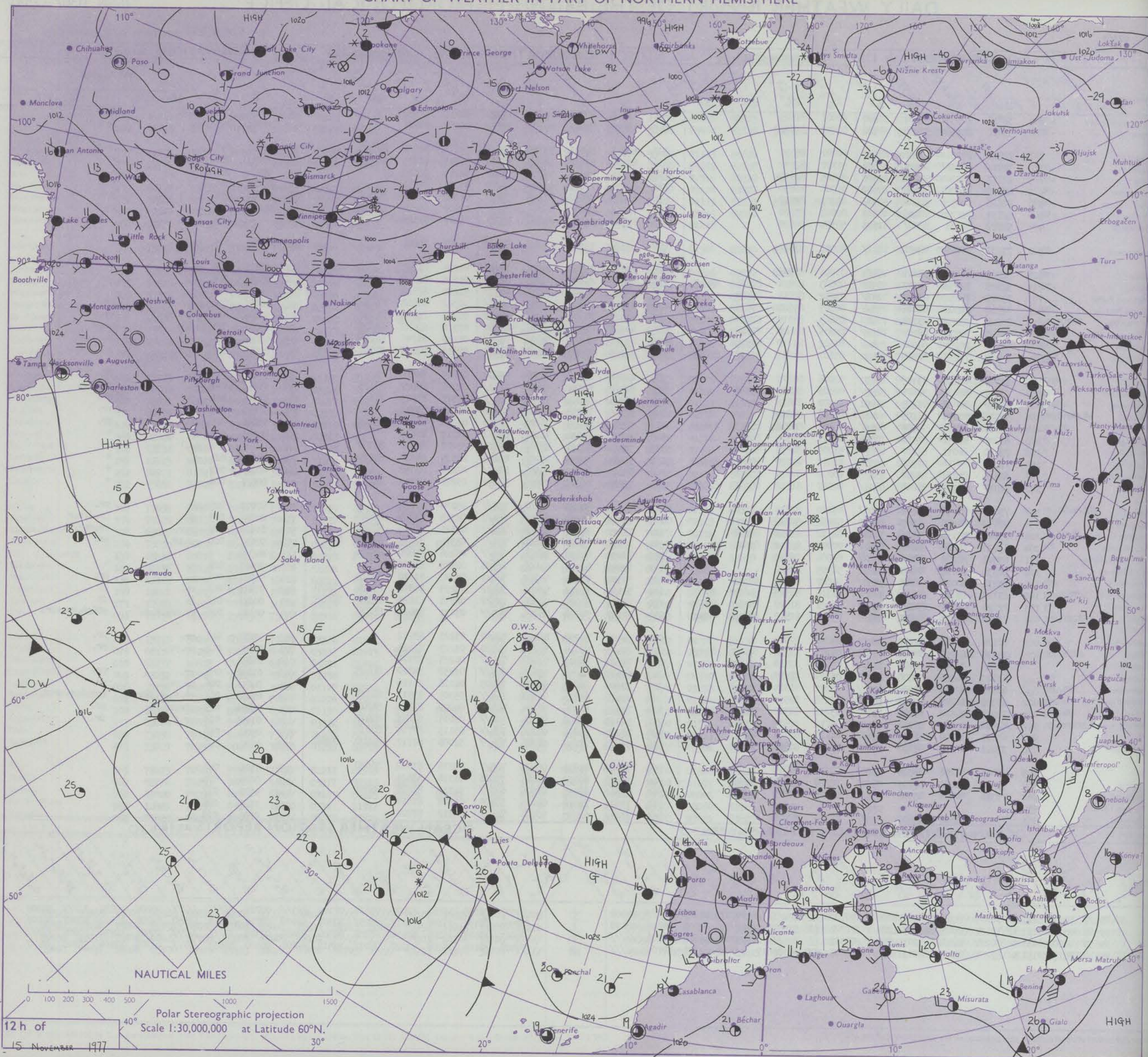
No. 42363

Date of Issue WEDNESDAY 16 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
Station		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</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> C <sub>L</sub> hC <sub>M</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	T+E	Sss	WEATHER							
																										09h.—15h.	15h.—21h.				
Boscombe Down		746	32919	70158	96706	38500	00001	81825			746	12915	82028	98403	15500	50215	81625				746	92071	068	pr.ph.		jp					
Hurn		862	53017	84258	97908	59560	02803	83922			862	13014	82021	99505	11500	01215	81827				862	91091	058	pr.		jp					
Manston		797	72818	84031	92907	6863/	00002	85835			797	62816	84031	93706	685//	50219	82825	85650			797	97081	055	+		pr.ir.					
Gatwick		776	32919	86038	94608	38600	51707	82832			776	42714	82038	96105	48600	51213	81830	84650			776	97081	064	pr.pr		+					
Kew		775	22717	82030	94008	22500	50805	82828			775	72611	81021	95706	756//	50213	87640				775	00081	068	+		+					
Heathrow		772	22820	81030	94408	28600	01808	82830			772	62815	75031	96106	65700	01213	86650				772	00081	068	+		+					
Honington		586	72626	84031	90506	52432	00207	85817			586	82620	80032	91605	854//	01308	83616	88620			586	97071	039	+		pr.					
Wattisham		590	62731	82021	90406	68500	02803	85820			590	72723	75032	91805	755//	02209	84624	86640			590	97061	058	+		r.					
Gorleston		497	52822	66031	88707	41501	50104	84825			497	72718	66022	89606	755//	01207	87625				497		051								
Aberporth		502	73231	80022	98406	785//	01001	87820			502	63324	81022	02006	625//	01227	86825				502	00071	015	jp		+					
Filton		628	52923	80258	97707	49401	01005	83918			628	12818	75028	99104	18500	01214	81822				628	01071	047	pr.pr		+					
Rhoose		715	52923	72258	98307	59500	02003	82824	81926	83645	715	52818	80038	99906	58500	01214	82822	84643			715	97071	061	pr.		+					
Hartland Point		703	73012	74258	00607	7247/	03202	87815	83360		703	73418	74258	02306	725//	51210	87825				703	94090	013								
Mount Batten		827	72918	70808	02008	785//	04105	84820	84645		827	63110	68028	03206	694//	00312	81918	86656			827	94081	014	pr.		pr.					
St. Mawgan		817	73224	75258	03108	79400	03603	83918	83820		817	53320	75278	04506	58500	03309	82822	84640			817	02091	026	pr.pr.ph.rpH		pr.phr					
Silly		804	73123	62278	06409	785//	08205	83820	85625		804	43326	82018	07108	48460	07312	82818	83625			804	03091	021	pr.pr.		pr.pR					
Culdrose		809	53218	70258	04207	59400	04302	81710	84915		809	73320	68808	04806	733//	01210	81709	84916			809	02091	040	pr.		pr.					
Guernsey		894	72932	75258	02508	69432	05607	84815	82918	85645	894	73227	80258	03407	694/2	02312	83818	81924	83645		894	02091	008	pr.pr.		pr.h.pr.					
Elmdon		534	23024	68058	93706	12533	52006	81822			534	43022	65258	94905	45400	01209	84618				534	97071	046	pr.		pr.					
Cardington		559	72819	77038	92807	5853/	02106	85822	85360		559	82918	80031	94006	855//	02210	84622	88625			559	91071	034	+		pr.r.r.					
Wittering		462	32829	84028	90905	28401	02302	81816			462	72921	81801	92806	784//	03317	85815	86622			462	91071	061	pr.		pr.					
Watnall		354	52716	70038	91105	42430	01008	84818			354	52910	70258	93106	52400	03313	85814				354	91071	020	pr.		pr.					
Shawbury		414	62912	81808	94505	694//	02107	81916	83823	86635	414	32915	81258	96306	38400	02214	81816	83645			414	93061	019	pr.		pr.					
Finningley		360	62920	81031	88907	18546	01311	81822	86272		360	63017	70031	91107	656//	02217	86635				360	00081	033	+		+					
Spurn Point		396	72830	66031	87207	4567/	51209	84630	87360		396	32918	68021	88707	25670	02210	82630	83360			396			ir.		+					
Leeming		257	72822	84011	87706	39542	51013	81920	83656	85360	257	52914	75031	91207	45602	02325	84630	83070			257	00071	021	+		+					
Tynemouth		262	62825	81021	85406	25678	00218	82630	85358		262	83217	80022	89508	8097/	02229	88358				262	00081	013	+		+					
Carlisle		222	72917	80011	89006	6843/	00007	81712	85650	85359	222	53009	75021	93006	58442	03227	81715	85633			222	00071	004	+		+					
Valley		302	73027	80158	96906	7246/	03210	87819			302	73222	80028	99307	725//	03220	87822				302	97071	029	pr.		pr.					
Ringway		334	42918	60258	92705	48400	02112	84816			334	72914	65258	94307	784/2	04315	83819	86640			334	04071	025	pr.		pr.d.r.r					
Squires Gate		318	73025	70158	92406	58442	04112	81710	84818		318	73222	70218	94708	784//	05321	85816	87636			318	01091	018	pr.pr.		pr.pr.r.r.					
Ronaldsway		204	73028	58808	93905	69442	02002	82912	85816		204	73027	58808	96106	794//	03311	81715	83920	85825		204	02071	020	pr.pR		pr.					
Mull of Galloway		131	63540	80278	92505	635//	02004	86920			131	73430	60638	96406	785//	05226	83820	87630			131	04072									
Eskdalemuir		162	32832	80011	87305	38502	51305	82820			162	13022	82010	92405	12500	02328	81820				162	00061	024	+		+					
Prestwick		135	73231	80028	90707	5853/	01007	83822	87359		135	53322	70012	94707	38541	03222	81820	83625			135	91081	001	+		pr.					
Abbotsinch		140	63120	80028	89106	48432	01316	82818	84634	85070	140	53115	75018	93406	38432	03225	81816	83624	85070		140	97071	003	pr.		jp					
Leuchars</																															

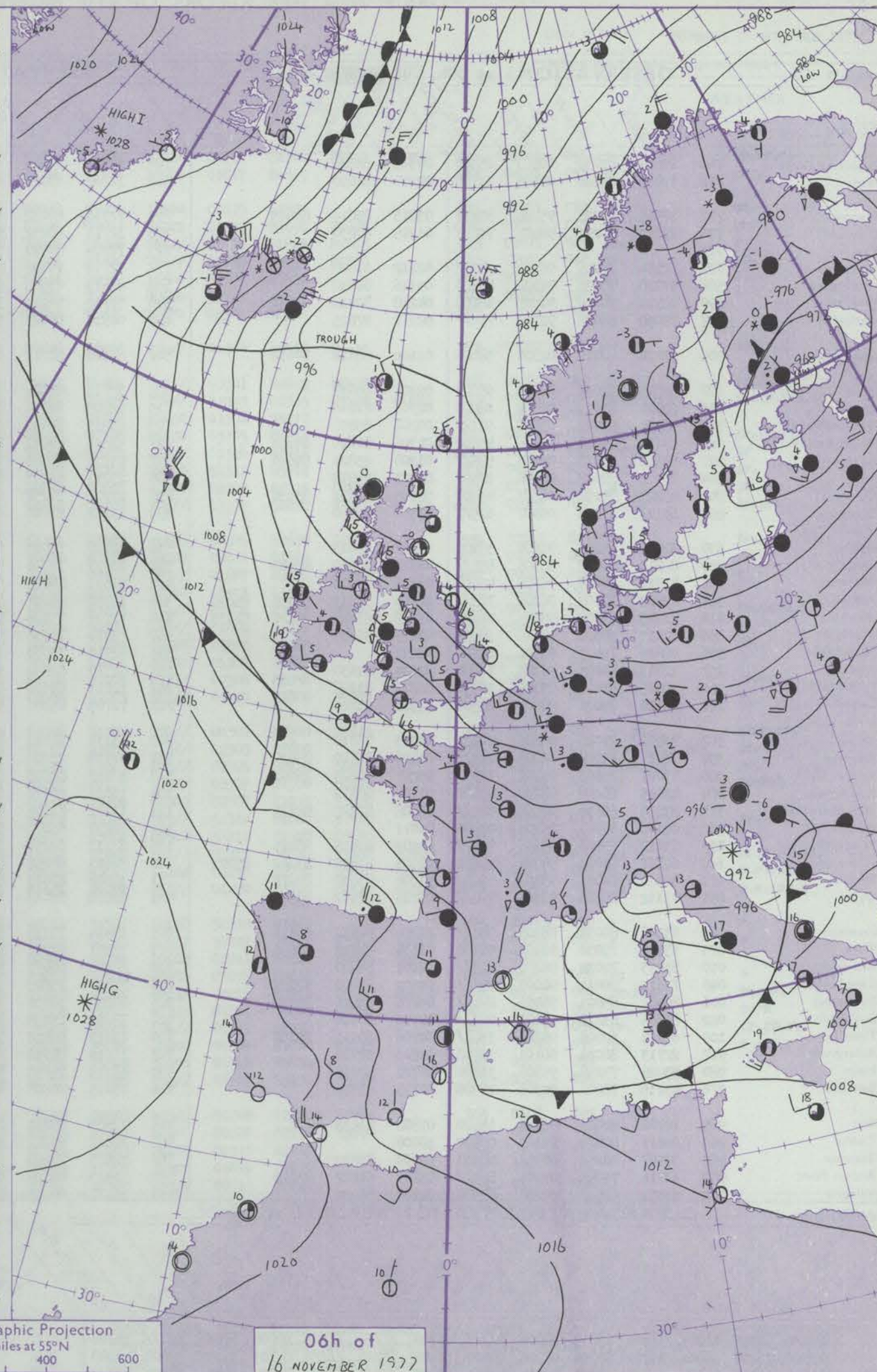
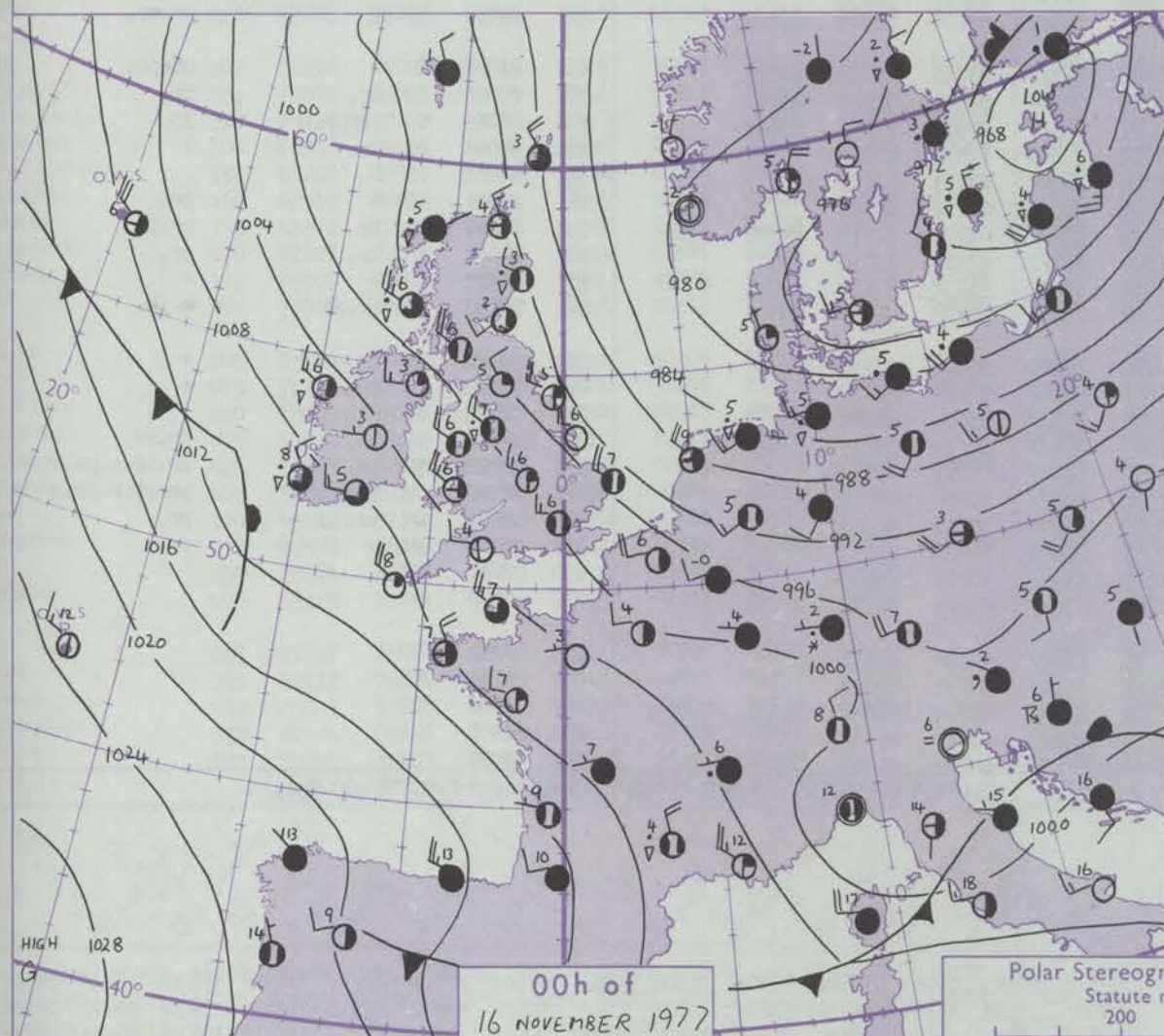
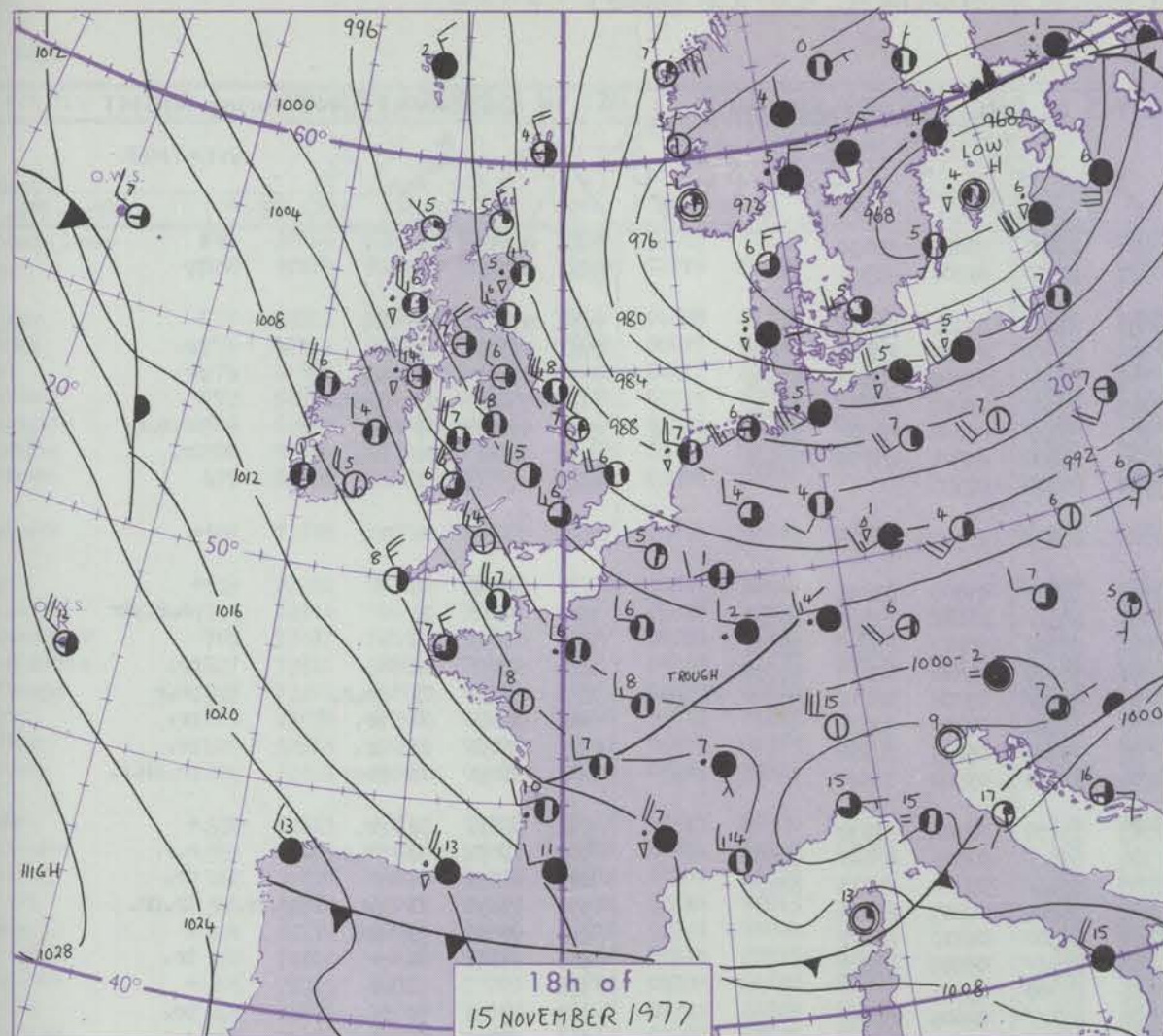


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 moved slowly northeastwards over the southern Baltic. Pressure remained high to the southwest of the British Isles, and a very strong northwesterly airstream was maintained over all districts. During the next 24 hours the depression will

continue to move slowly northeast. A fresh or strong northwesterly airflow will persist over most districts.

Issued at midday WEDNESDAY 16 NOVEMBER 1977







## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

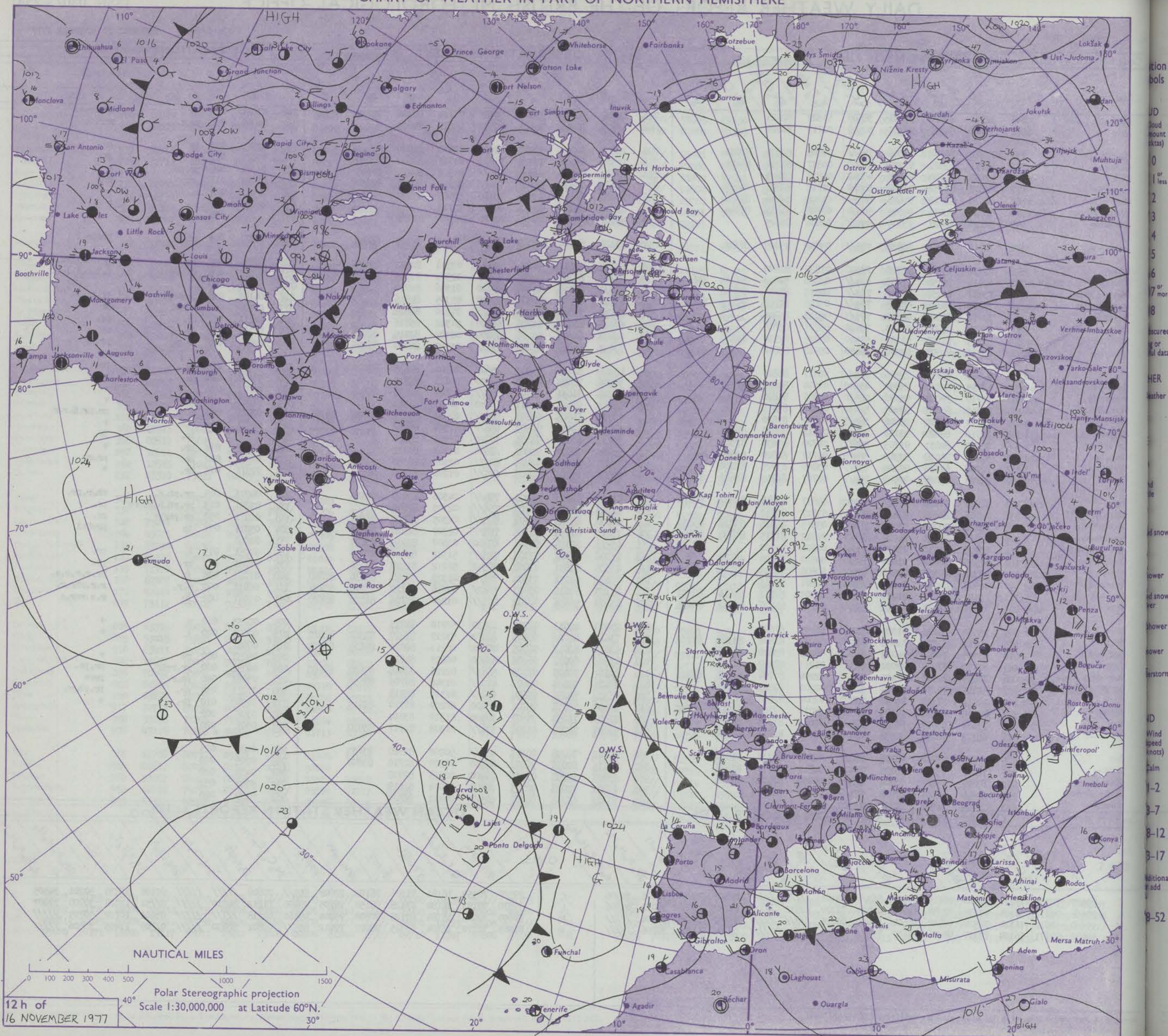
No. 42364

Date of Issue THURSDAY 17 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 16 NOVEMBER 1977										OBSERVATIONS at 18h. 16 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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> C <sub>h</sub> H	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 x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	32914	83020	97307	38500	51822	82825			746	82908	58686	93602	5732/	01714	82706	85712	88550	746	02081	055	jp		fr.r.r.s.		
Hurn	862	32410	81030	98407	38500	02719	81820			862	42803	70216	94103	45500	03617	84625			862	04091	051	pr.r.		rrr.		
Manston	797	72812	80142	96306	785//	01808	81820	87650		797	12206	70028	93402	18500	00610	81820			797	97071	023	jp		fr.		
Gatwick	776	52711	82021	97207	58500	00817	81824	85645		776	72302	62028	93003	15702	01721	81650	87070		776	97071	017	r.		fr.		
Kew	775	42608	81038	96707	48542	01817	83825			775	72702	75028	92806	785//	01718	81825	87645		775	01071	025	pr.ph		+		
Heathrow	772	52612	75031	97007	58500	01715	82825	84650		772	72904	62808	93206	786//	02718	82830	87650		772	97081	018	pr.		fr.		
Honington	586	62615	80218	94606	684//	01808	82816	85635		586	12408	64011	92502	18500	50609	81820			586	97071	025	r.		+		
Wattisham	590	52820	75016	94805	58400	02808	81815	85645		590	02508	65011	92551	00900	52713				590	00063	028	+		+		
Gorleston	497	82710	66021	93905	855//	02806	88625			497	22406	64011	92105	20970	02509	82358			497		006					
Aberporth	502	72918	82802	96807	785//	03832	85825	87640		502	73329	80028	96005	794//	01308	85915	86635		502	05071	004	pr.pr		phrpr.l		
Filton	628	22914	75141	97507	28500	01820	81820			628	83105	59618	94604	2252/	03301	82822	88528		628	05081	042	jp		fr.phr/rrr.r.		
Rhoose	715	62911	70158	97608	694//	03826	82818	81920	85650	715	73107	65259	94803	794//	02303	81915	83820	85640	715	07081	024	pr.phrpr.		t.l.r.t.l.r		
Hartland Point	703	73317	82158	97809	723//	04835	82706	87818		703	53330	82018	95907	49430	01306	84912			703	06091	019					
Mount Batten	827	73511	58888	00108	793//	05728	81708	85915	87650	827	43218	68258	97306	49400	03305	84916			827	04101	038	prphrpr.		fr.ph.r.		
St. Mawgan	817	73217	61808	00508	795/3	06828	85920			817	63230	70258	99207	684//	01310	86818			817	02101	031	phrpr		pr		
Scilly	804	63024	80808	02611	58460	05721	85818			804	63236	80028	01708	68400	51312	85818			804	94111	037	pr.		fr.		
Culdrose	809	52913	70258	01109	59400	06825	82918	83825		809	63427	65258	00006	69400	02309	82915	84822		809	01101	036	pr.		pr		
Guernsey	894	62910	84808	02209	62430	05818	85818			894	73032	65808	97108	795//	03519	84820	85925	86650	894	02091	027	pr.ph		fr.pr		
Elmdon	534	72613	68031	95306	785//	50817	86820			534	43106	61251	93502	25602	00301	82635	83070		534	97071	053	jp		fr.		
Cardington	559	42713	81021	95807	48500	02814	83820	83650		559	32706	70028	93100	38500	00611	81820			559	97071	058	pr.		fr.		
Wittering	462	32719	75011	95006	28530	01809	81820			462	62708	81031	93102	685//	01607	82820	85647		462	00071	030	+		+		
Watnall	354	52810	62018	94405	52430	01814	85815			354	12603	58028	93101	10940	50501	81360			354	97061	021	pr.		+		
Shawbury	414	22711	80020	95206	28503	02820	81820			414	83008	65808	93803	894//	02004	83913	84820	88650	414	02071	054	+		fr.phr.s.r.r		
Finningley	360	72910	65026	93106	784//	02812	82818	87650		360	63007	62011	92503	656//	01304	86632			360	97071	002	r.r.		+		
Spurn Point	396	72715	62031	92705	556//	04709	85630	87360		396	32712	60011	91605	30970	03501	83360			396			fr.		fr.		
Leeming	257	52812	75018	92307	58500	01712	81820	85645		257	22905	70011	92802	28500	01309	81822			257	97083	014	pr.		+		
Tynemouth	262	72708	61028	92204	735//	03806	83925	87630		262	82709	61258	92403	8097/	02308	88358			262	05052	000	pr		fr.rr		
Carlisle	222	72708	75028	92505	784//	02707	81715	83623	87643	222	62806	65038	92903	685//	01209	81820	86640		222	97071	011	pr.		+		
Valley	302	72916	84028	95807	58432	04817	82816	85822	86072	302	73415	62808	94305	794//	04306	83910	86815		302	04071	005	pr.ph.r.		ph.r.pr.		
Ringway	334	72908	62808	94404	794//	03817	86912			334	72303	56258	93703	756//	02303	87640			334	03051	013	pr.ph.r.s.pr.s		fr.		
Squires Gate	318	73116	70252	93607	794//	03815	81916	85822	85635	318	60000	62258	93302	685//	02305	82820	86640		318	01071	030	pr.phrpr		fr.		
Ronaldsway	204	62916	84031	94506	694//	02812	81715	81920	85650	204	73211	81038	94305	795//	02307	82920	86828		204	03071	031	jp		prph.tl		
Mull of Galloway	131	43218	81030	93806	23541	02806	82920			131	43515	80158	94304	49400	02307	81915	83820		131	01061						
Eskdalemuir	162	62510	80028	91804	685//	50810	82820	85635		162	73306	82022	93102	785//	51312	82820	87635		162	97051	013	+		fr.		
Prestwick	135	43312	70158	92506	49400	02805	81815	83918		135	43508	81031	93802	49540	51212	81920	83656		135	91061	011	pr.		fr.		
Abbotsinch	140	42907	84018	91905	28402	02601	81815			140	70308	62251	93804	784//	01319	82818	83630	87640	140	01061	036	jp		fr.r.r.r.s.		
Leuchars	171	83507	68611	91403	5547/	02703	82712	85																		

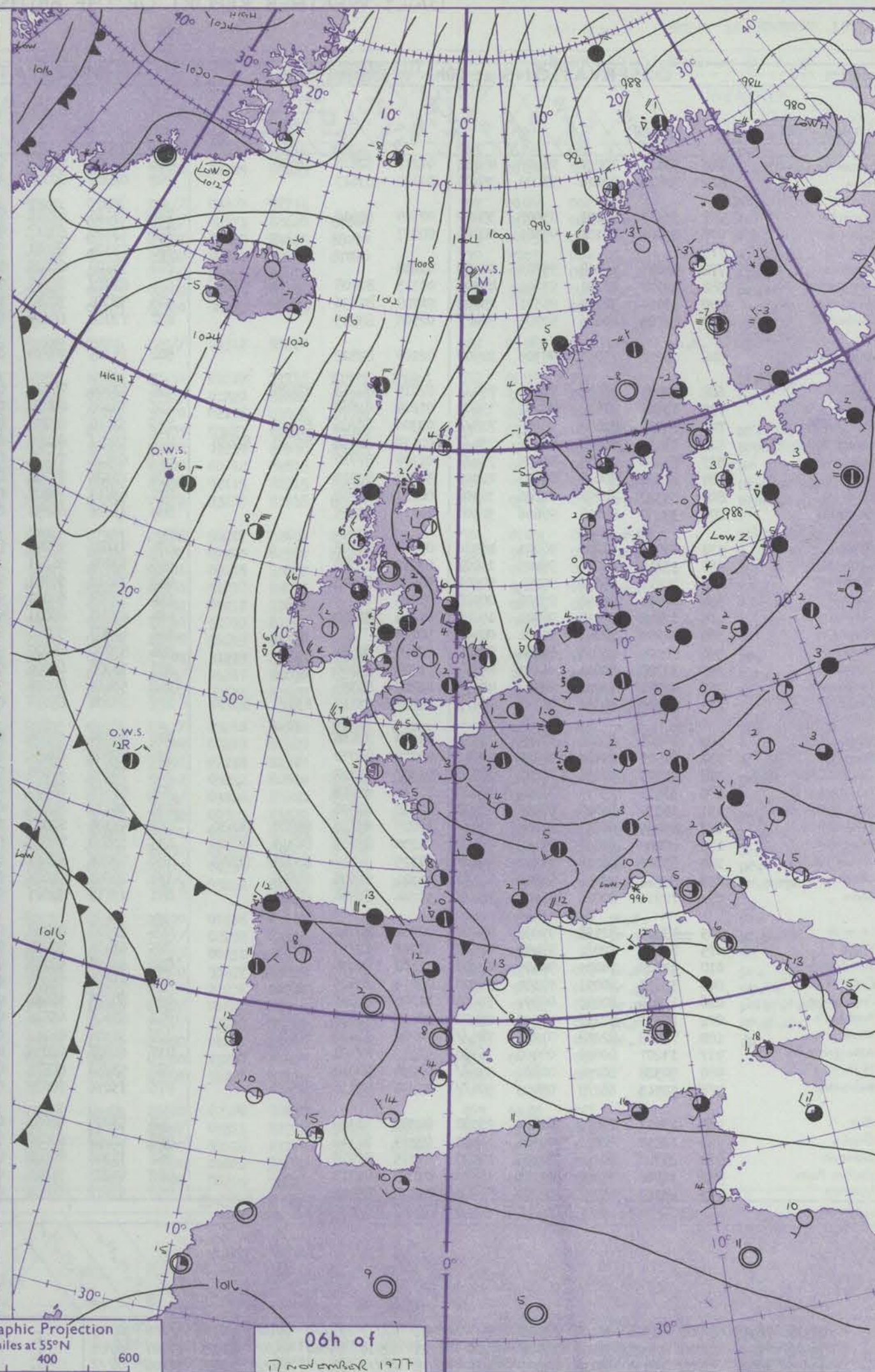
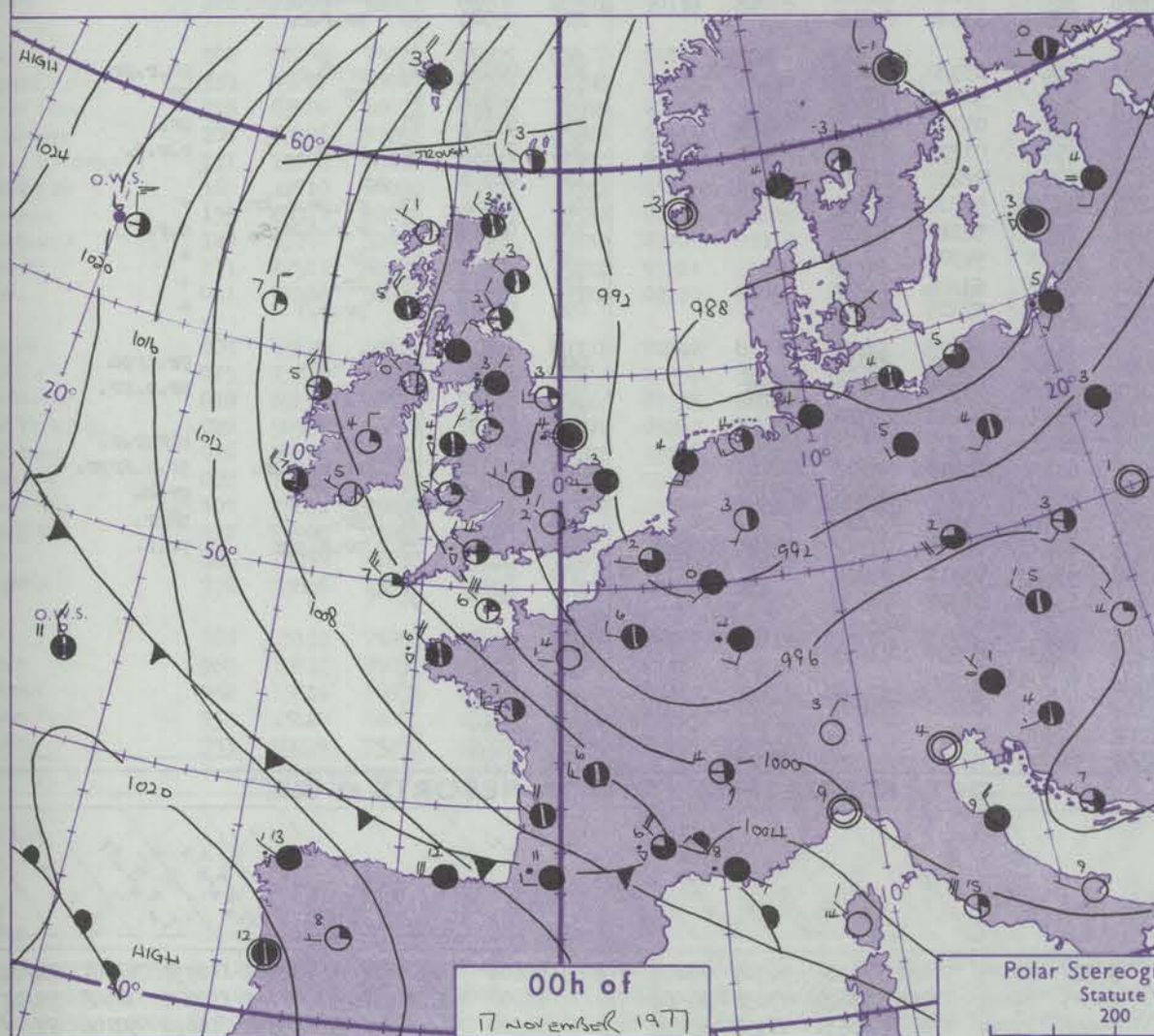
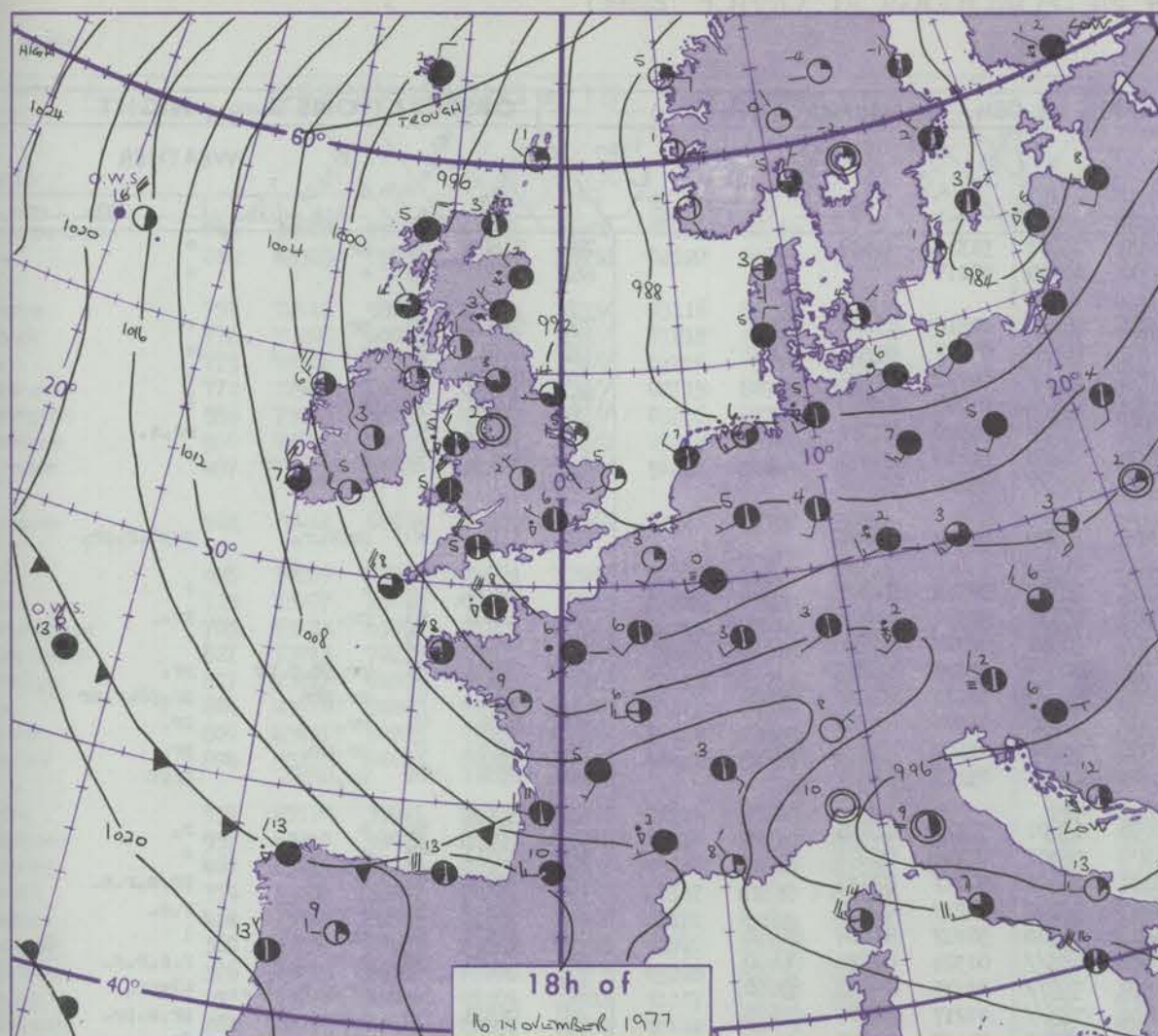


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 southern Sweden filled slowly as it moved steadily eastwards, whilst troughs moved southwards in the cold unstable northwesterly airstream over Britain. During the next 24 hours pressure will remain low to the east and

high to the west of the British Isles as an anticyclone moves southeastwards to the south of Iceland. A warm front will approach Scotland from the northwest by tomorrow morning.

Issued at midday THURSDAY 17 NOVEMBER 1977



## No

7A1



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

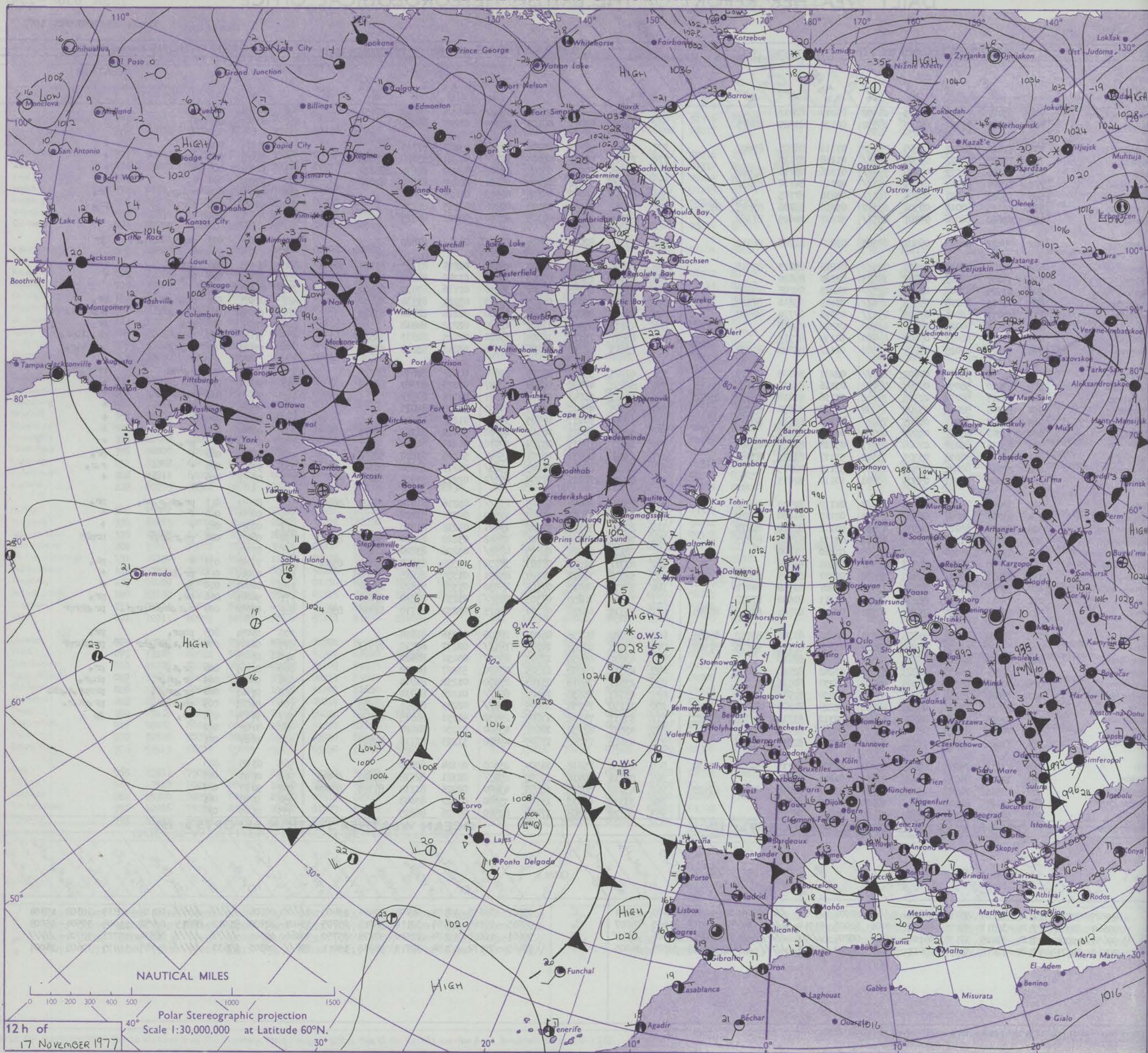
No. 42365

Date of Issue FRIDAY 18 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 17 NOVEMBER 1977										OBSERVATIONS at 18h. 17 NOVEMBER 1977										OBSERVATIONS during DAY					
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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> H	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>d</sub> F	SSS	WEATHER				
																							09h.—15h.	15h.—21h.			
Boscombe Down	746	33407	75030	03905	21402	01219	82812			746	73205	68211	08203	754//	02224	82618	87657		746	96 051	054	+		r.e.			
Hurn	862	43305	75030	04105	28532	02120	81825	83075		862	53410	62011	08104	55500	02225	85625			862	00 061	066	+		+			
Manston	797	72912	58012	00205	7833/	03116	86708	85640		797	73214	58022	05106	764//	03227	87711			797	00 061	002	+		+			
Gatwick	776	73208	60022	02304	764//	01218	87710			776	73106	57046	06404	755//	02221	83620	87645		776	91 051	008	r.e.		+			
Kew	775	73106	60022	02404	754//	01216	85710	87640		775	82906	50052	06605	45607	02220	84635	88270		775	00051	001	+		+			
Heathrow	772	72907	60211	02604	754//	02115	84710	87632		772	73009	56012	07004	25602	02222	82640	87070		772	97051	004	r.e.		+			
Honington	586	73013	56037	00704	762//	03216	87705			586	63011	50058	05702	00902	01225	86070			586	91 052	000	r.e.s.e.		pr.e.			
Wattisham	590	73115	60016	00504	653/2	03218	83706	85645	85075	590	73012	57058	05003	00908	02225	87275			590	97051	000	d.e.		pr.e.			
Gorleston	497	73620	66026	99207	4557/	51217	84625	87360		497	62910	66031	04105	62500	00222	86825			497		004						
Aberporth	502	70412	66298	06504	69363	03029	81708	86912		502	73316	82028	09406	725//	04312	87820			502	05 061	003	prpr.e.tl.ph.e.r.		jp			
Filton	628	70209	72031	04605	785//	01219	85823	83645		628	70000	62218	08603	49432	02219	81710	81917	83645	628	01 051	036	pr.e.		pr.e.r.e.			
Rhoose	715	13407	66018	04905	18543	02220	81820			715	53102	75021	09003	28543	01220	81822	85075		715	97061	046	pr.e.		+			
Hartland Point	703	83525	63808	05105	823//	04215	85708	88820		703	53615	89158	09207	39570	02116	83920	85360		703	01 071	006						
Mount Batten	827	73013	70278	05506	784//	03109	85816	87620		827	43306	75018	09705	39433	03221	81914	83640		827	02 071	028	pr.e.r.e.p.r.e.p.r.e.		pr.e.			
St. Mawgan	817	73417	62808	07105	794//	03216	82714	86918		817	53511	80019	10505	59400	01214	82918	83825		817	07071	023	tl.e.r.e.p.r.e.		prph.e.tl.			
Silly	804	43516	80028	09607	42400	03222	84818			804	43413	83021	11407	42400	02212	84818			804	01 091	046	pr.e.		pr			
Culdrose	809	43421	80018	07407	49400	50114	82918			809	63607	75179	10604	69400	02115	82915	84820		809	91 081	049	ph.e.p.r.e.		pr.e.tl.e.p.r.e.			
Guernsey	894	53221	84028	05707	59503	01117	84824	81930		894	73615	82278	08206	794/2	03218	83818	84925		894	01 081	051	prpr.e.h.		pr.e.p.r.e.			
Elmdon	534	83110	35691	04002	872//	02221	85705	88710		534	62903	58047	07303	25602	00217	82630	86070		534	01 051	015	r.e.r.e.		rs.e.r.e.			
Cardington	559	63210	58058	02304	45432	03116	83710	83635	86075	559	82908	40102	06502	20937	02221	82360	88272		559	91 061	014	r.e.s.e.r.e.		+			
Wittering	462	63115	58018	02505	38402	03116	81810	83650	85072	462	32811	56041	06302	00901	00115	83072			462	94053	023	r.e.s.e.r.e.p.r.e.		+			
Watnall	354	53308	58047	03205	15638	01117	81630	85270		354	22505	45041	06701	00901	51218	82075			354	91 061	017	r.e.s.e.		+			
Shawbury	414	73308	62041	04805	754//	02122	83614	86635		414	32808	80011	07703	35401	01217	83618			414	00061	000	+		+			
Finningley	360	33309	63017	03005	00902	00219	83072			360	52906	65021	06102	10942	52219	81362	85075		360	00061	050	+		+			
Spurn Point	396	43218	66018	01006	23571	03218	82920	83360		396	12917	70011	04704	10970	51219	81360			396			pr.e.		+			
Leeming	257	33111	86038	03305	11502	51117	81825	83065		257	63010	80031	06201	15604	51218	81640	86070		257	97071	066	+		pr.e.			
Tynemouth	262	22915	69021	02504	00901	52112	82075			262	82913	69021	05003	3563/	01217	83630	86359		262	95051	066	+		r.e.r.e.			
Carlisle	222	23005	68011	03804	00901	50110	82075			222	63208	70011	07104	655/2	02221	83620	86635		222	00051	056	+		+			
Valley	302	70405	75278	05905	634/2	04119	82910	86818		302	73508	80808	08505	734//	03216	81914	85820	86645	302	02 081	013	pr.e.ph.e.r.e.p.r.e.		pr.e.			
Ringway	334	43207	35044	04504	15708	02219	81650	84270		334	13402	56041	07403	19500	00219	81920			334	00051	040	f		+			
Squires Gate	318	63409	80012	04306	12548	00112	81820	86270		318	20802	58101	07102	19401	01218	81918			318	00071	061	+		+			
Ronaldsway	204	63406	81256	05305	49442	03112	81918	83825		204	70113	82028	08506	58542	03222	82820	84636	86070	204	06071	020	ph.e.r.e.p.r.e.		prph.e.r.e.			
Mull of Galloway	131	13612	84010	05209	12505	03210	81820			131	70125	84021	08805	4852/	03226	83820	87465		131	91 091							
Eskdalemuir	162	12910	80020	03503	18532	53108	81820			162	63317	82851	07203	38532	00320	81820	83635	85362	162	97041	057	+		ps.e.			
Prestwick	135	63311	82031	04405	28532	00207	81825	85070		135	52902	72018	10104	45501	01335	81625	83656		135	97061	016	pr.e.ir.e.		+			
Abbotsinch	140	53007	81011	03904	19432	00207	81918	84072		140	53410	84012	09704	48532	01336	81820	84640		140	00061	030	jp		+			
Leuchars	171	72511	84021	02204	15642	52211	81640	87070		171	73318	70258	07305	785//	01231	83820	87650		171	94061	016	pr.e.		pr.e.			
Dyce	091	72916	56267	01103	69372	02219	81708	84915	86645	091	73318	65278	06704	694/3	03232	81710	81916	83820	091	09052	006	r.e.s.e.r.e.p.r.e.p.r.e.s.e.		pr.e.p.r.e.p.r.e.			
Lerwick	005	63624	82028	01805	49331	04242	81706	83912	85068	005	23422	82038	08202	28400	01236	81814			005	03 051	008	ph.p.r.e.		pr.e.			
Wick	075	73626	70808	03605	7847/	03234	82712	86816	87360	075	73625	62808	10203	794//	02237	82710	87913		075	04 071	001	pr.e.s.e.p.r.e.p.r.e.		pr.e.p.r.e.p.r.e.			
Sule Skerry	010	83624	48818	06707	835//	022																					



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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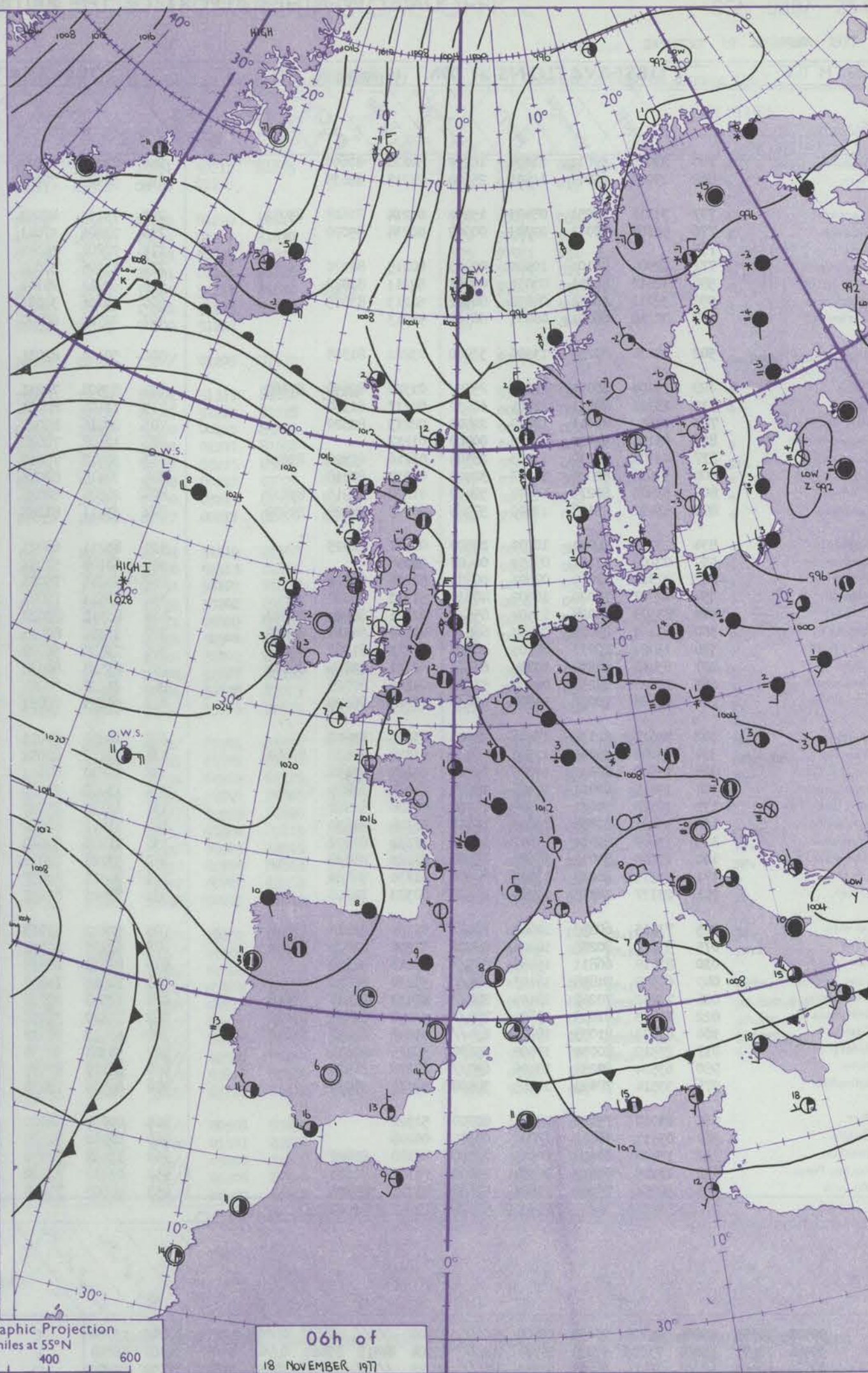
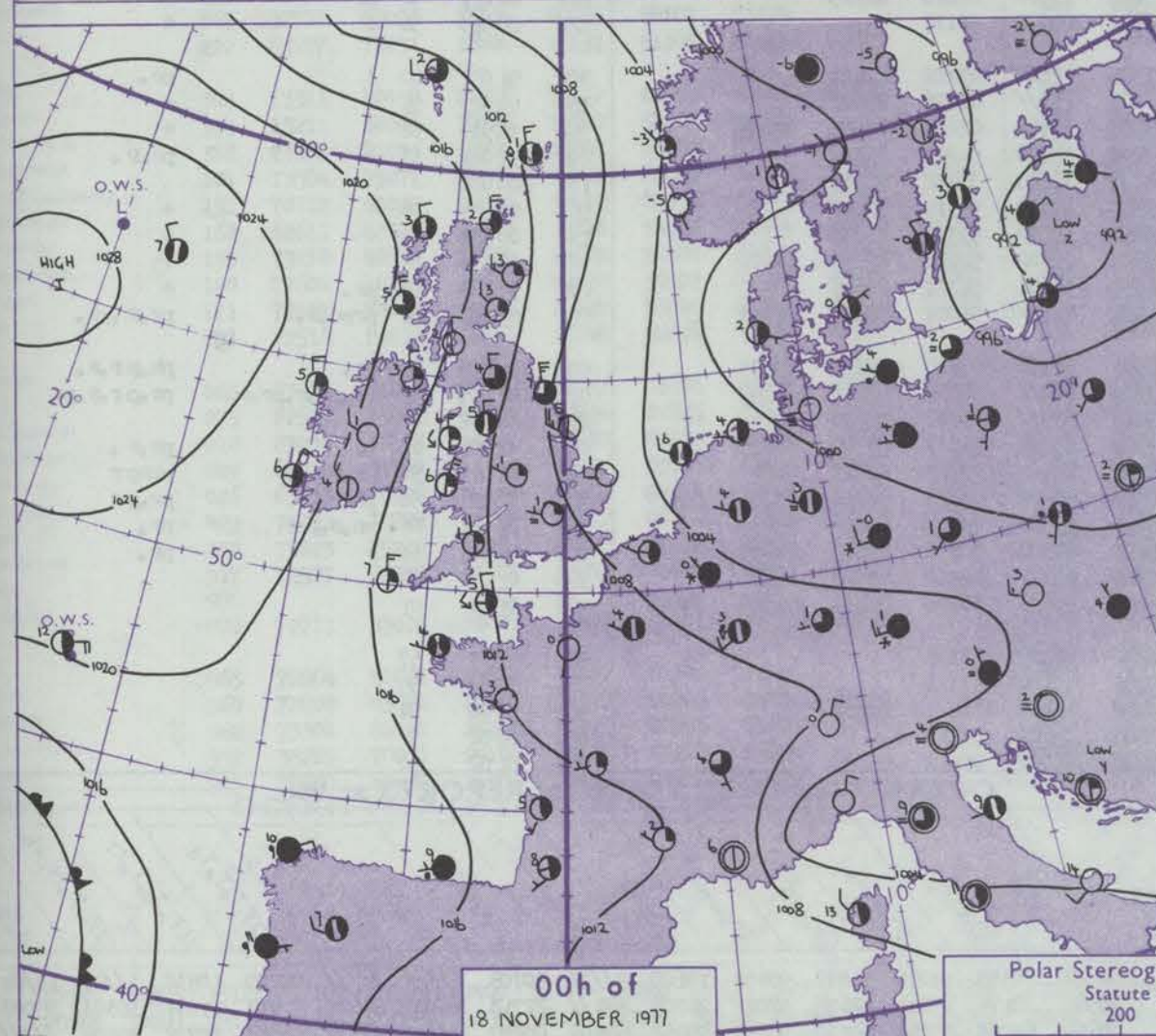
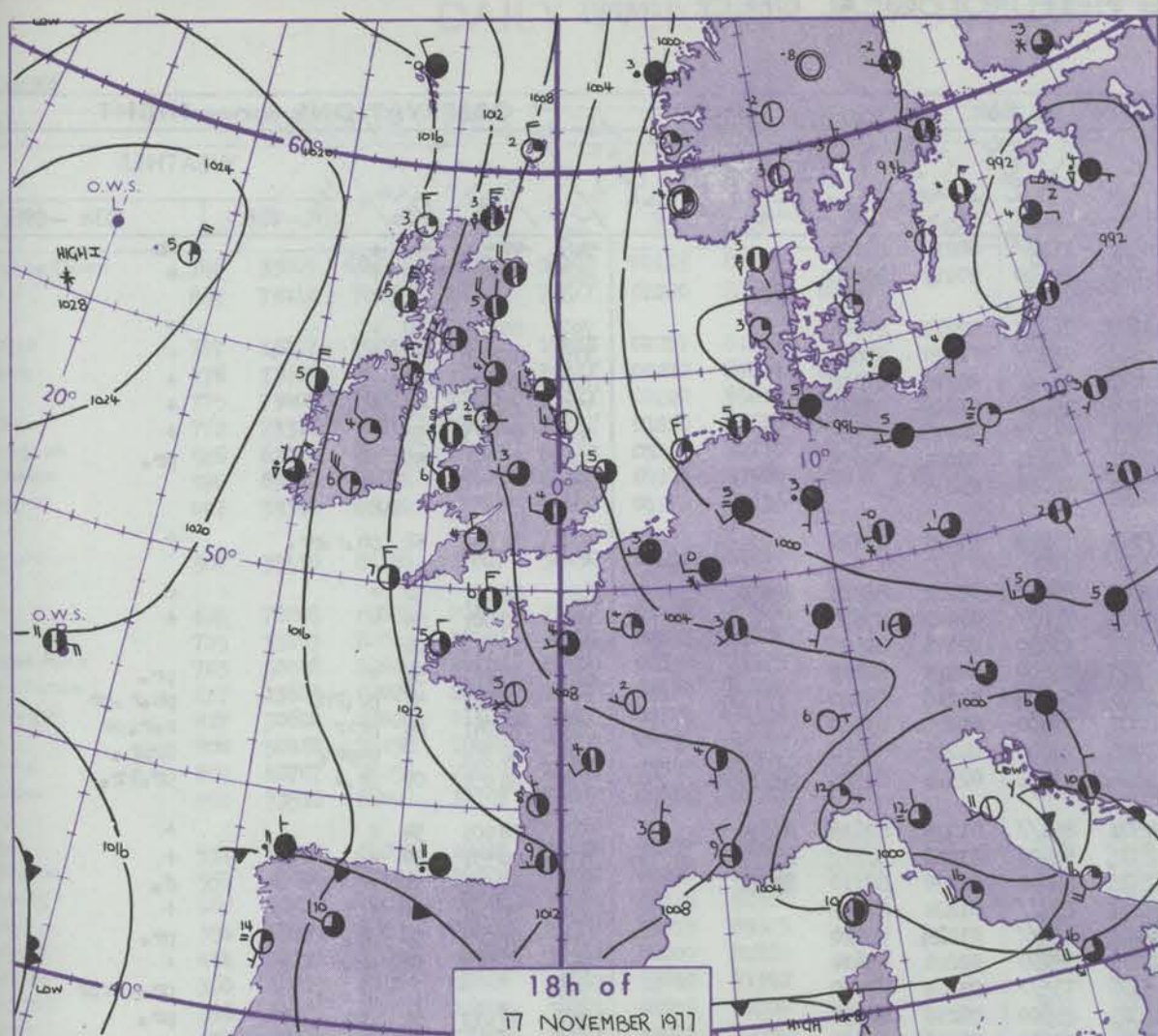
1-2

3-7

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13-17  
Additional  
or add

18-52





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

## GENERAL SYNOPSIS DEVELOPMENT

A northerly airstream persisted over the British Isles during the past 24 hours, as an anticyclone southwest of Iceland moved southeast to a position west of Northern Ireland and low pressure over eastern Europe transferred slowly northeast. The airflow is expected to back northwesterly during the next 24 hours, as the anticyclone west of Northern Ireland

continues to move southeast and a wave depression approaches northwestern districts from the west. Also a small depression moving southeast across southern Scandinavia may affect some northeastern districts.

Issued at midday FRIDAY 18 NOVEMBER 1977



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

Code FM II.V		OBSERVATIONS at 00h. 18 NOVEMBER 1977										OBSERVATIONS at 06h. 18 NOVEMBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</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> Ch <sub>h</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>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	23006	59011	11300	15702	50216	81650			746	73209	66031	14501	755//	00217	87624			746	97 511	55 +		sh			
Hurn	862	23003	65011	11501	25600	01217	82635			862	52602	70031	14600	55600	00217	85640			862	00511	55 +		+			
Manston	797	33112	56051	08403	15402	01214	81618	83072		797	73114	47051	10603	763//	02212	87706			797	00 021	00 +		+			
Gatwick	776	53108	60011	09703	00902	00214	85070			776	73006	57041	12502	755//	01214	87622			776	00501	55 +		+			
Kew	775									775	72804	58051	12703	754//	00218	87618			775	00001	57 +		+			
Heathrow	772	22904	45101	10101	00901	00215	82070			772	73108	57031	13202	754//	01216	87615			772	00511	55 +		+			
Honington	586	12812	40051	08051	00901	52211	81070			586	62914	25101	11101	662//	50217	86703			586	97 513	53 +		+			
Wattisham	590	32911	56051	08050	00902	52213	83075			590	23016	35051	10601	00901	00214	82075			590	97 511	53 +		pr.			
Gorleston	497	02710	66021	06801	00900	51213				497	02910	60020	09203	00900	01215				497							
Aberporth	502	30220	80251	13206	33400	03222	81915			502	50116	82031	17306	58500	03221	85820			502	01 051	02	ph. r. pr.	+			
Filton	628	73104	80031	12003	2575/	01320	82650	87360		628	83508	70031	15605	884//	02221	81818	88630			628	00 021	52 +		+		
Rhoose	715	23102	80031	12301	10932	00217	81360			715	73106	80031	16003	756//	01220	87630			715	00 001	54 +		+			
Hartland Point	703	23612	89011	12607	22500	02213	82820			703	20216	89020	16007	23500	02118	81925			703	00 070	04					
Mount Batten	827	03103	57021	13102	00900	01217				827	10107	70038	16503	15600	02221	81645			827	97003	52 +		pr.			
St. Mawgan	817	43308	80039	13703	28503	01216	81820	83070		817	30112	75018	16906	35500	03216	83620			817	03 021	51	pr. PHR	ph. r. pr.			
Silly	804	33616	82028	14607	32400	04217	83818			804	30119	82018	18007	32400	05220	83818			804	06 061	02	pr. r.	r. r. pr.			
Culdrose	809	53508	80279	14004	59400	01220	82915	83822		809	20305	82028	17205	23400	04221	82916			809	02 012		ph. pr.	pr. r.			
Guernsey	894	53412	83138	11805	59503	00113	84825	81930		894	33411	81258	15106	39503	02322	82825	81930			894	91 051	01	pr. r.	pr. r.		
Elmdon	534	23107	56041	10701	25500	00317	82625			534	83211	65021	14504	854//	01223	82616	88619			534	00 001	54 +		+		
Cardington	559	02708	45101	09652	00900	53214				559	53109	57051	12902	55400	01216	84712	85627			559	00 531	57 +		+		
Wittering	462	32912	57040	09501	00901	52216	83072			462	53215	75031	12903	55400	02220	82710	85621			462	97 011	51 +		d.		
Watnall	354	42907	70020	10002	40930	51313	84360			354	73513	75021	14204	754//	01224	87614			354	00 001	54 +		+			
Shawbury	414	83309	68028	11504	855//	02221	85624	88640		414	83512	89032	15604	855//	01224	88620			414	91 021	50	pr.	pr.			
Finningley	360	63111	65021	09404	684//	01218	84814	85630		360	33314	80018	14003	35400	02228	83614			360	97 011	52	pr.	+			
Spurn Point	396	13024	70011	07105	10970	02213	81360			396	73528	56908	11406	735//	03325	87920			396			pr.	pr. r. pr.			
Leeming	257	63418	70258	10004	684//	02221	83814	86630		257	23318	80018	14703	25600	00218	82630			257	93 011	51	pr.	pr.			
Tynemouth	262	73428	69258	09505	5357/	04226	85925			262	23220	80028	15103	23500	00226	82925			262	04 011	52	pr	+			
Carlisle	222	63508	70022	12804	656//	00228	86630			222	00103	70021	17001	00900	52117				222	00 513	56 +		+			
Valley	302	33617	82138	13406	38500	03228	82820			302	10210	84011	17705	12500	03222	81821			302	91 031	00	1	pr.			
Ringway	334	73002	35041	11302	755//	01218	84620	87650		334	73411	68032	16103	755//	01226	87622			334	00 011	51 +		+			
Squires Gate	318	73609	80031	11905	756//	03224	87630			318	53610	84011	16905	58500	02227	81825	85635			318	00031	52 +		+		
Ronalds Way	204	13615	82021	14105	18500	01227	81825			204	13410	82020	17903	18500	51212	81825			204	97 021	53 +		ph. r.			
Mull of Galloway	131	10128	84021	14505	12500	02226	81820			131	10115	85020	18303	15600	00212	81630			131	00 031						
Eskdalemuir	162	33421	82038	12602	15631	51128	81635			162	13012	80020	17551	15600	55319	81640			162	00 521	56 +		+			
Prestwick	135	13609	81021	15802	15730	52231	81650			135	11906	80020	18652	15700	53310	81650			135	00 531	58 +		+			
Abbotsinch	140	13605	84011	15104	15600	53225	81630			140	53208	82031	17801	25702	52209	82650	84070			140	00 533	58 +		+		
Leuchars	171	23311	80018	13403	28500	51230	81820			171	22612	82030	16351	15601	54211	81645			171	97 523	55	pr.	+			
Dyce	091	23117	70258	12703	29402	00323	81910			091	72915	80268	14301	4253/	51004	84825	86361			091	01 003	51	pr. pr.	pr. r. pr.		
Lerwick	005	73515	60878	10601	794//	01209	83912	87642		005	52812	81018	08102	58400	01720	82815	83645			005	01 505	51	ps.	ph. r. pr.		
Wick	075	53620	80278	14402	58400	51216	82818	85642		075	62709	82038	13700	684//	51712	82818	86640			075	02 505	51	pr. r. pr.	ps. r. pr.		
Sule Skerry	010	83419	66811	15905	835//	51213	88920			010	83213	66818	13005	835//	03727	88920			010</							



## ISSN 0307-2541

Date of Issue SATURDAY 19 NOVEMBER 1977

OCEAN WEATHER STATION REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.														
O.W.S.	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> L <sub>o</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> v <sub>s</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>	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>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> L <sub>o</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> v <sub>s</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>	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>
C	99527	70355	18121	92107	93455	20409	9////	00009	////	////	00209	10846	30302	15804	C	99527	70355	18181	80306	96214	21907	863//	00213	////	////	05107	10838	30201	15804
L	99566	70169	18124	72724	97038	22008	38432	22712	82815	83360	0//06	11001	30404	34005	L	99661	10009	18184	73428	96858	01852	79400	00208	////	////	06956	10705	30706	////
M	99659	10007	18124	83328	95888	01753	894//	00217	////	////	07055	10686	30807	////	M	99661	10009	18184	73428	96858	01852	79400	00208	////	////	06956	10705	30706	////
R	99469	70171	18124	60924	98021	24010	68500	00213	83823	84640	0//06	11445	30606	////	R	99470	70168	18184	60918	98031	24311	68500	00207	81823	86640	0//05	11405	30706	////

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



110° 120° 130° 140° 150° 160° 170° 180° 190°

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

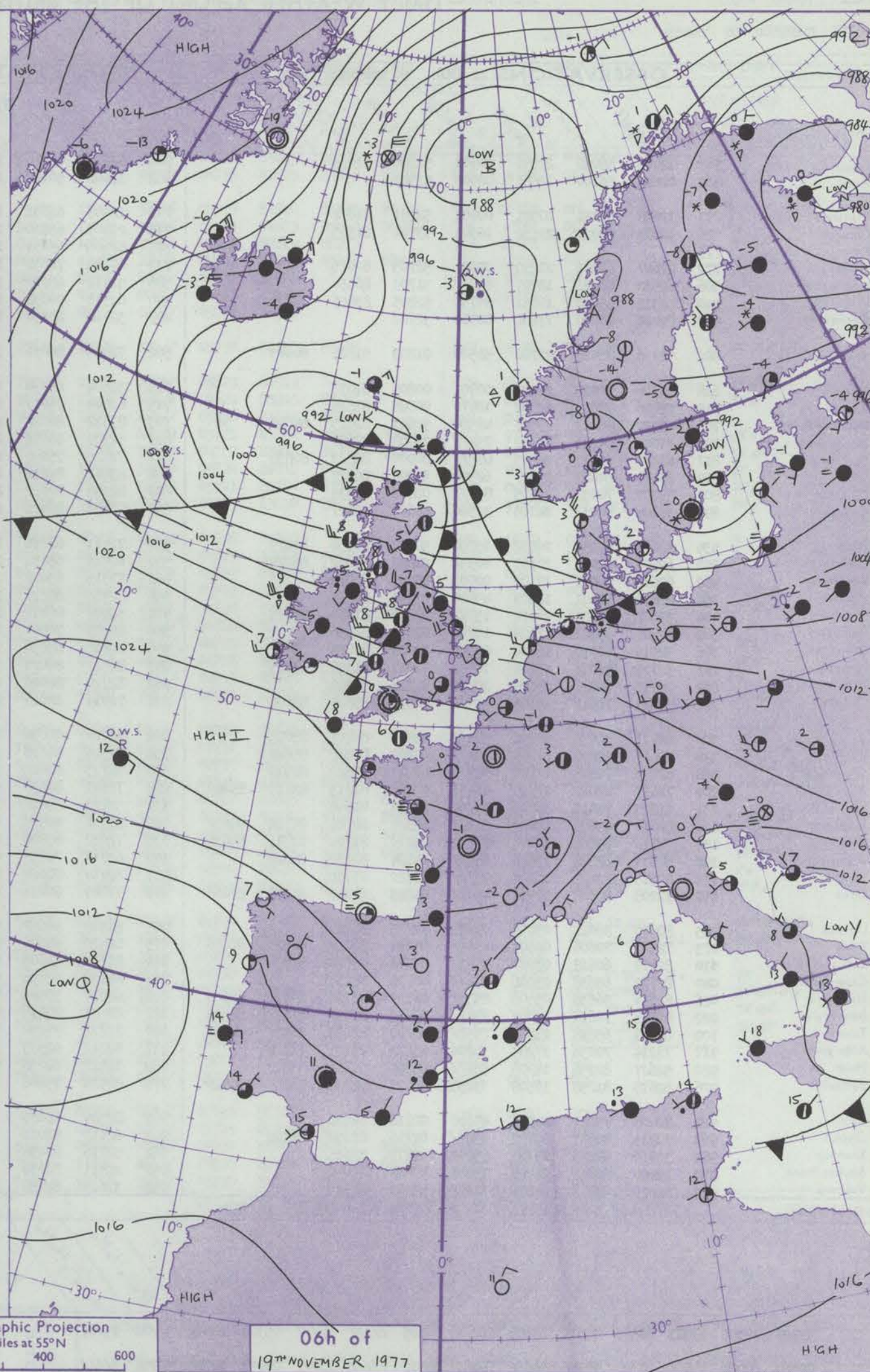
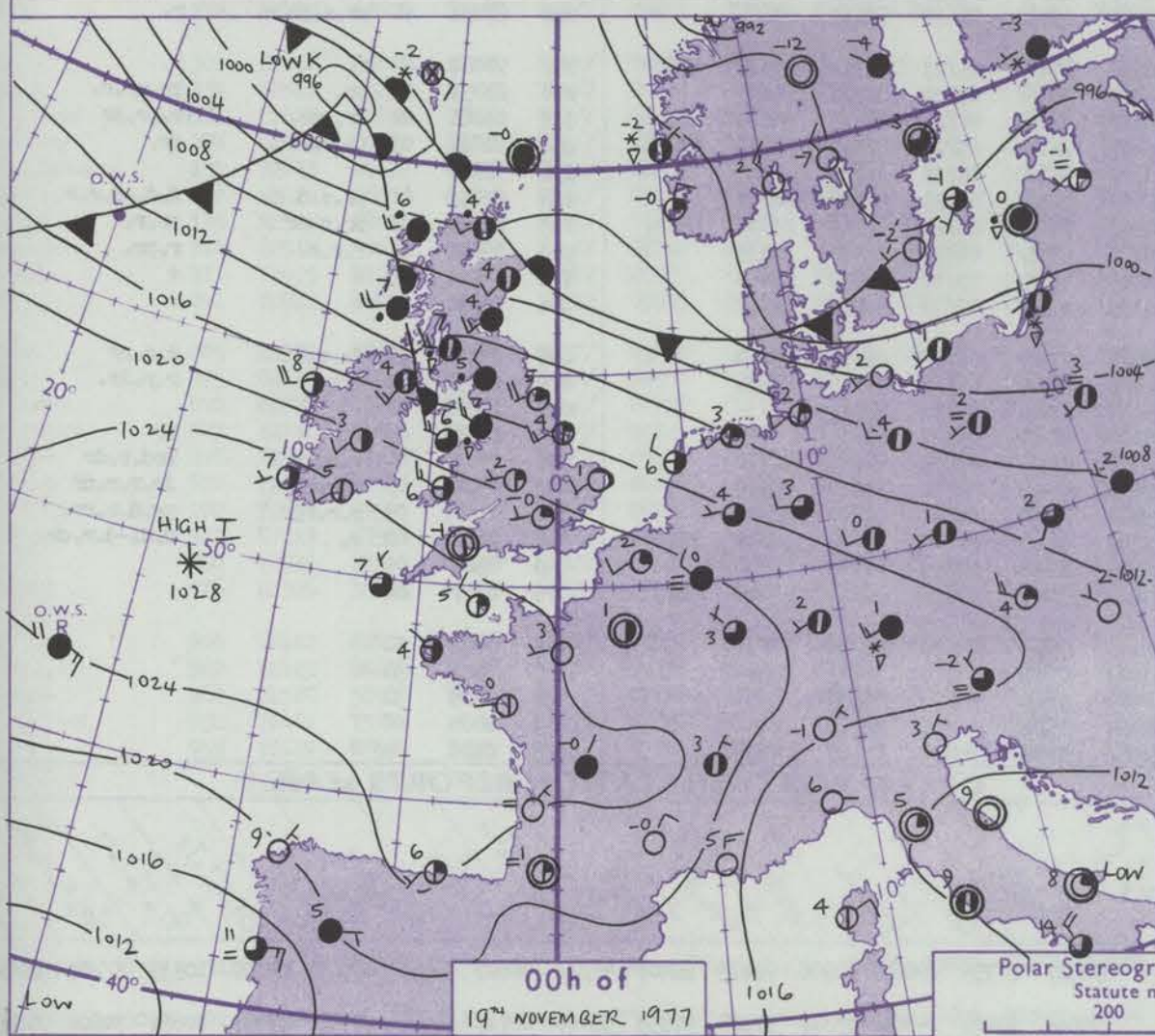
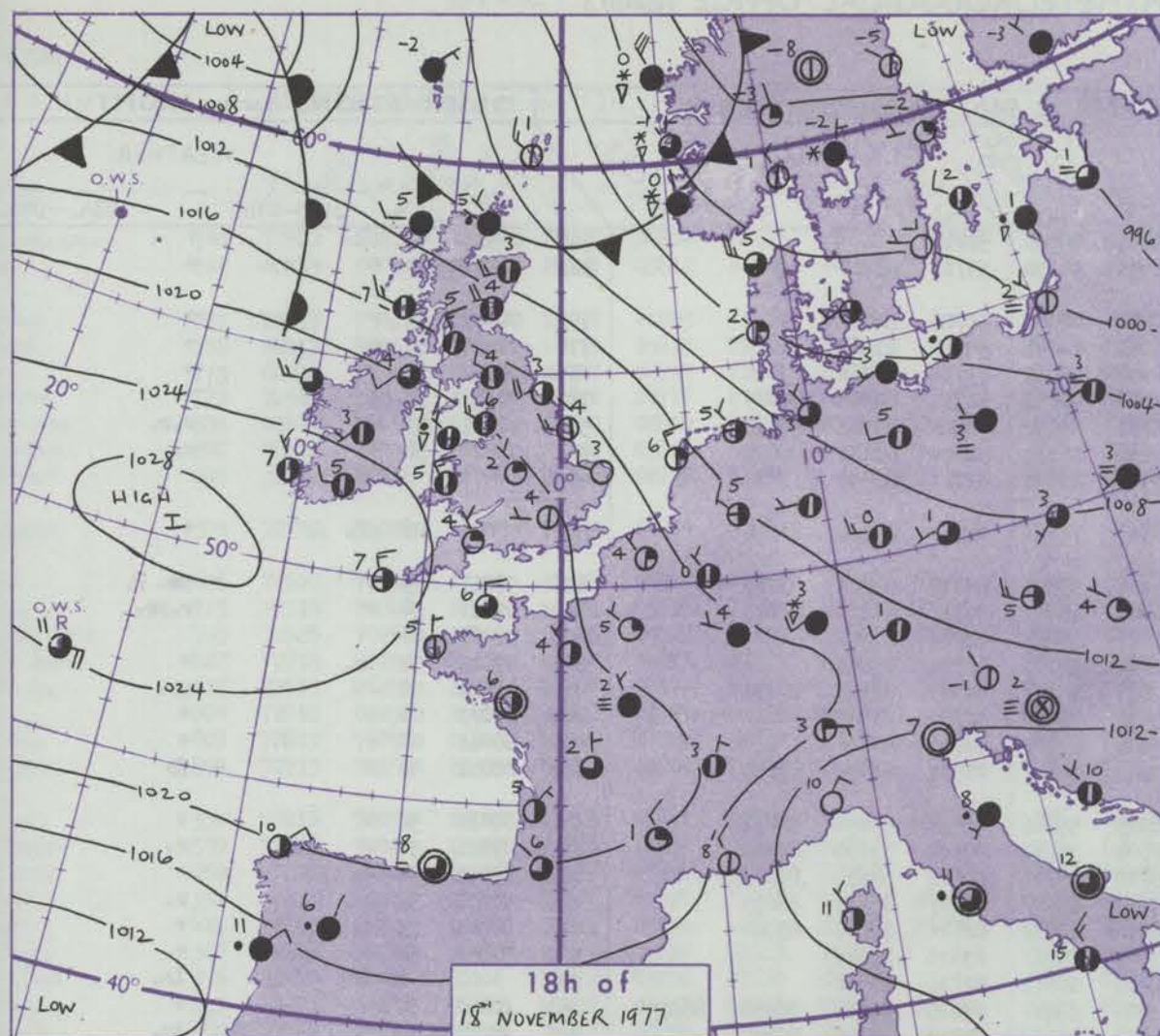
12 h of  
18 NOVEMBER 1977

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

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# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPSIS DEVELOPMENT

Over the British Isles a northerly airflow backed westerly as an anticyclone to the west drifted southeastwards and a depression near Iceland moved towards northwest Scotland. During the next 24 hours the airflow will become northerly as the depression moves southeastward across

the North Sea towards Denmark, the anticyclone moving into the western Mediterranean but with a developing anticyclone in mid-Atlantic.

Issued at midday SATURDAY 19 NOVEMBER 1977



## No.

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## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

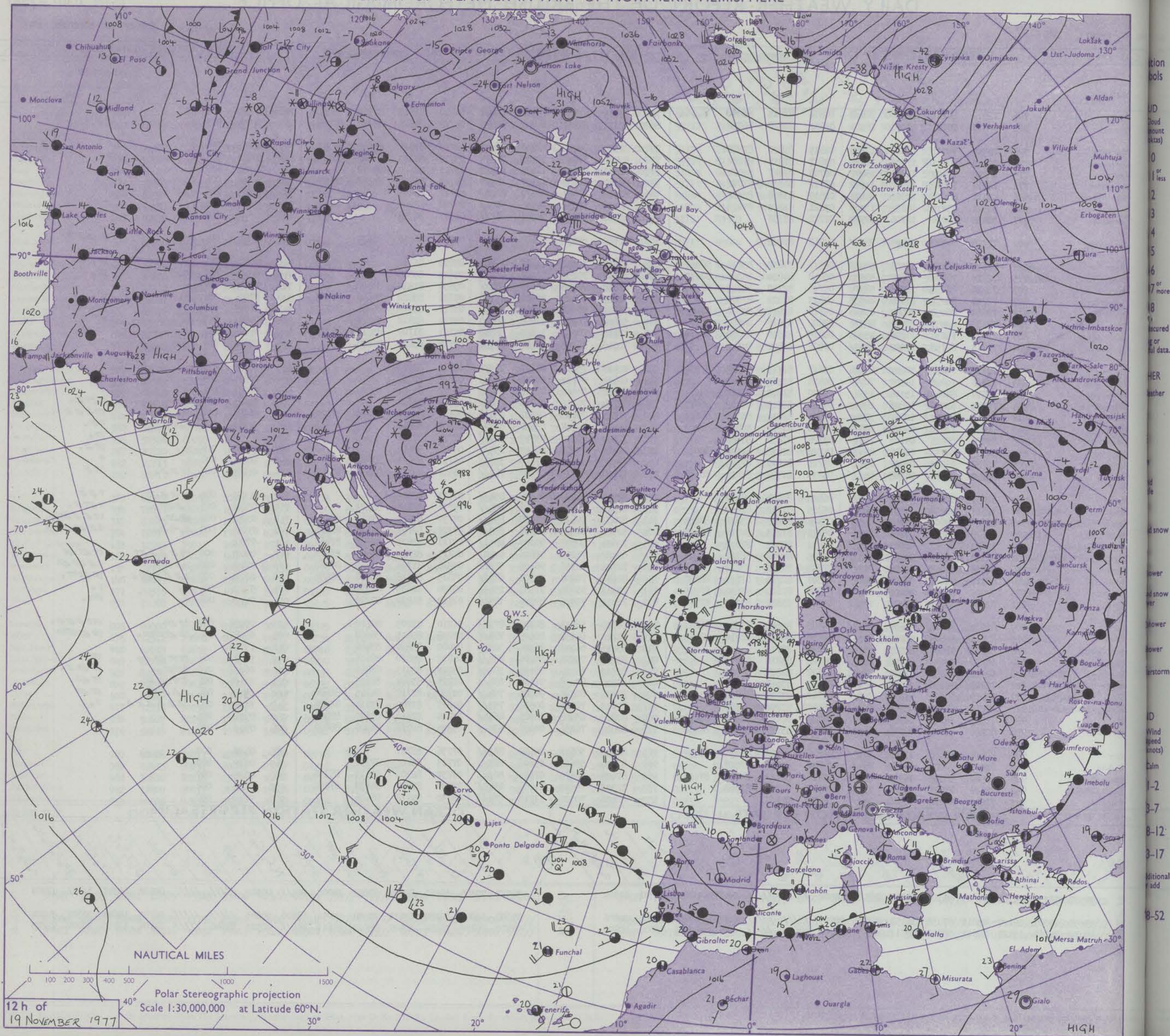
No. 42367

Date of Issue SUNDAY 20 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 19 NOVEMBER 1977										OBSERVATIONS at 18h. 19 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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	E	WEATHER			
																							09h.—15h.	15h.—21h.		
Boscombe Down	746	72512	84211	18106	784/8	04814	81815	86496	86656	746	82519	82038	13308	55477	04726	85615	86362	88272	746	97081	009	r.		r.		
Hurn	862	62513	80031	19308	28531	03812	81820	86070		862	72311	81212	14808	15578	04718	81625	84358	87268	862	91091	033	+		r.		
Manston	797	72415	75021	16606	12548	01815	81820	87270		797	72315	75022	12206	38576	02719	81820	83635	87272	797	00070	016	+		+		
Gatwick	776	72413	80021	17706	11438	03817	81818	87272		776	82416	80036	13107	45577	03719	84623	85462	88272	776	97081	013	+		r.		
Kew	775	62210	75022	16807	28402	02718	81817	85072		775	82313	82022	12007	25537	03721	82620	88272		775	00081	027	+		+		
Heathrow	772	72514	75022	17207	11642	03717	81830	87072		772	82312	80032	12307	28578	04722	81820	83360	88272	772	00091	026	+		+		
Honington	586	42414	80016	13606	18470	02819	81818	83362		586	82316	80031	08907	8092/	02717	88465			586	97071	026	r.		+		
Wattisham	590	52321	75016	14106	11432	03821	81815	85075		590	82220	70032	09506	8091/	04720	88465			590	97061	028	r.		+		
Gorleston	497	32418	66016	12706	30972	02722	83358			497	62218	58021	08307	6097/	03717	86358			497		022					
Aberporth	502	72720	84028	16508	785//	04819	87820			502	82523	65618	10108	854//	05730	86619	88629		502	01081	001	pr.		pr.r.r.r.		
Filton	628	72614	72156	17308	58478	04817	81815	83818	86465	628	52617	75258	11807	29442	05823	81912			628	92081	003	pr.		pr.d.r.		
Rhoose	715	72714	70808	17607	58532	05818	84824	84360	87075	715	62517	70258	12107	684/1	04624	85818	83645		715	01091	005	pr.		pr.		
Hartland Point	703	72926	70258	18708	58476	05718	82710	85815	87275	703	82830	74258	12609	884//	05830	81812	88620		703	91091	004					
Mount Batten	827	72714	80252	21109	48535	04813	81822	87075		827	72625	75808	16109	48578	05721	83822	84640	86465	827	97091	021	pr.		pr.		
St. Mawgan	817	72618	86258	20907	69448	05814	83916	83820	87275	817	72719	80258	16007	32438	04722	83816	86359	87275	817	01091	013	pr.		pr.prir.		
Silly	804	72718	82258	22409	48472	03809	83818	86075		804	52624	70216	17408	58400	05724	82818	84625		804	94091	015	pr		pr		
Culdrose	809	72813	75038	21708	48508	04815	82820	83630	87270	809	72814	70258	17107	58308	05721	81709	83814	87270	809	01082	022	pr.		ir.pr.		
Guernsey	894	72713	82158	22909	6853/	00806	85822	84645		894	72518	86258	19108	68532	02715	83820	86630		894	97091	010	pr.		pr.		
Elmdon	534	72416	70032	14007	654/8	03817	82715	86625	87270	534	42417	75011	08107	25532	02726	82620			534	00081	006	+		+		
Cardington	559	72516	70026	14907	7097/	04818	83360	87463		559	62414	65012	09706	20942	04623	82362	86075		559	00081	003	+		+		
Wittering	462	72519	84022	13106	1857/	03820	81825	87460		462	62422	84012	07706	50931	03722	85362	83075		462	00071	001	+		+		
Watnall	354	72414	62016	11806	18472	04820	81815	84465	86075	354	82314	70216	05907	854//	03729	88614			354	91081	001	r.		r.r.r.		
Shawbury	414	62518	80152	12907	38441	05821	82818	83363	85076	414	72315	70608	07007	25416	04624	82616	85460	87270	414	96081	016	pr.		pr.r.r.r.		
Finningley	360	72623	72016	09508	28472	04726	81812	86460		360	82217	70218	03508	854//	04829	88616			360	91091	000	r.pr.		r.r.		
Spurn Point	396	82320	60026	09106	7567/	03726	87630	88460		396	72324	70022	03707	7097/	04723	87360			396			+		ir.		
Leeming	257	82523	80252	06609	48432	04828	82818	84628	88072	257	82416	75608	00109	855//	06726	88620			257	97101	014	pr.		pr.r.		
Tynemouth	262	72720	69022	03909	2557/	05728	82625	87358		262	72525	69022	97010	3357/	06716	83925	87358		262	00101	000	+		+		
Carlisle	222	82720	62606	04108	852//	06833	81704	84710	86618	222	72718	68036	97708	784//	06517	82712	83818	85625	222	01091	000	ir.r.r.		ir.r		
Valley	302	82631	80606	12108	6547/	06825	86616	88459		302	82536	66606	04609	854//	07737	88615			302	01091	000	ir.r.r.r.r		r.r.r.		
Ringway	334	72517	65256	10907	784/2	05825	81712	87650		334	82522	75036	04408	854//	05731	82715	88622		334	03081	003	r.r.pr.		r.r.r.		
Squires Gate	318	82627	68608	09109	853//	08828	81709	83618	88625	318	82431	59616	01708	854//	08737	82710	85713	88617	318	03091	000	ir.r		rr.d.r.d.r		
Ronaldsway	204	82628	75202	08108	854//	05728	81713	84716	88619	204	82520	60615	00808	853//	07735	82707	83618	88626	204	05091	000	d.-d.r.		d.r.-r.r.r.		
Mull of Galloway	131	72633	84022	06008	785//	06831	83825	87630		131	72624	80028	99209	4851/	05721	82825	83630	87460	131	97091						
Eskdalemuir	162	82220	56636	02806	873//	05835	85706	88712		162	62422	75216	96006	424024												

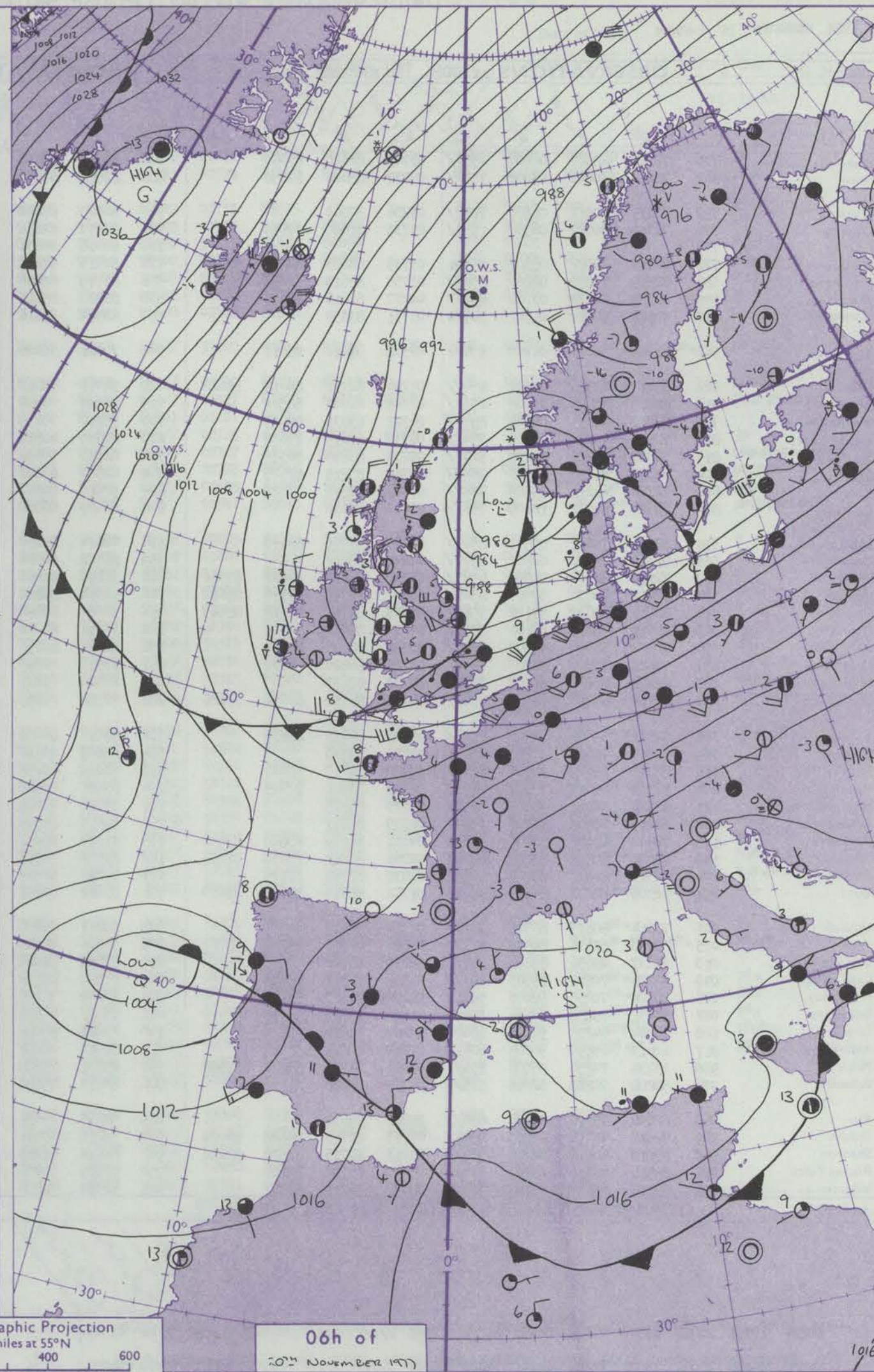
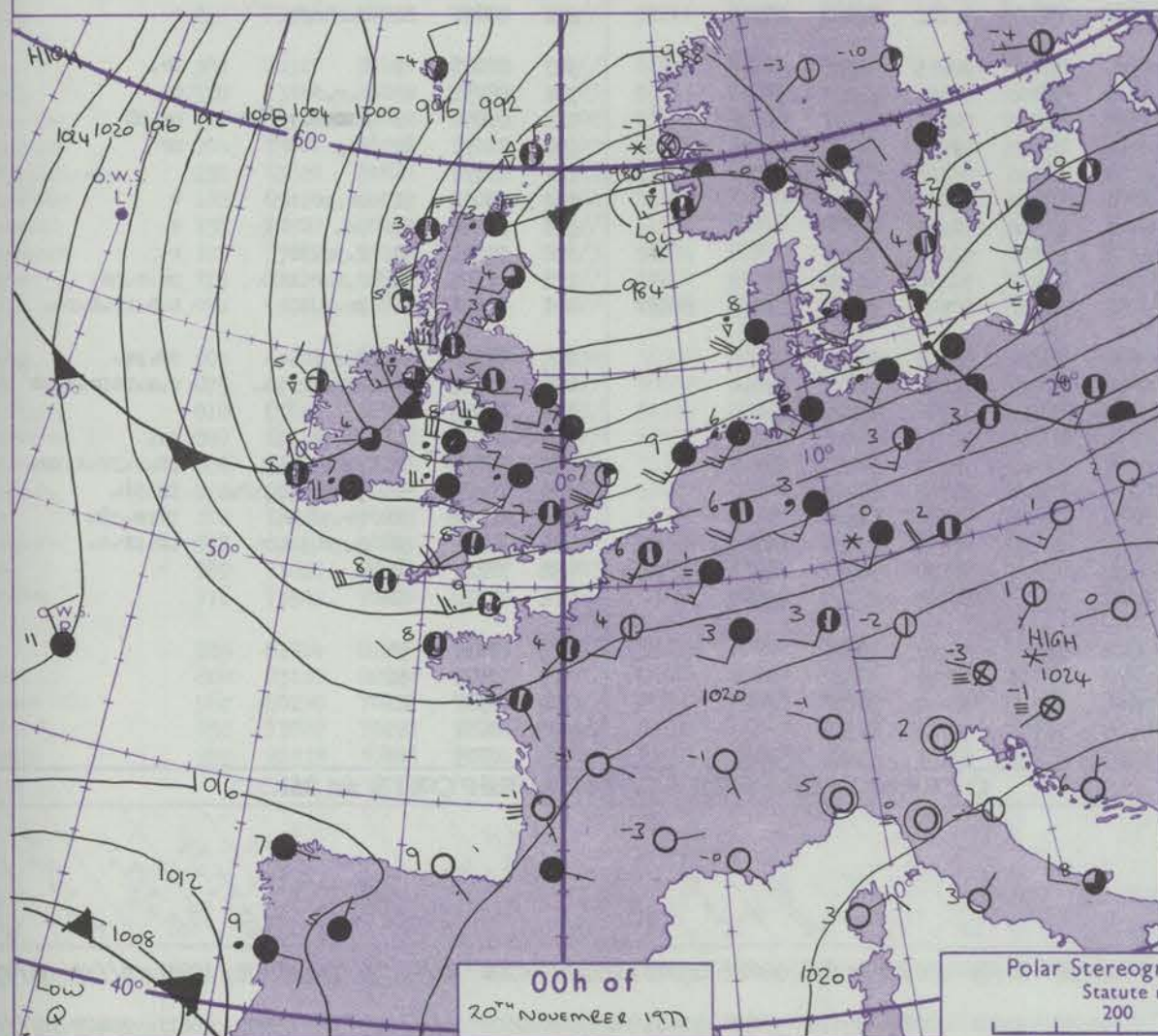
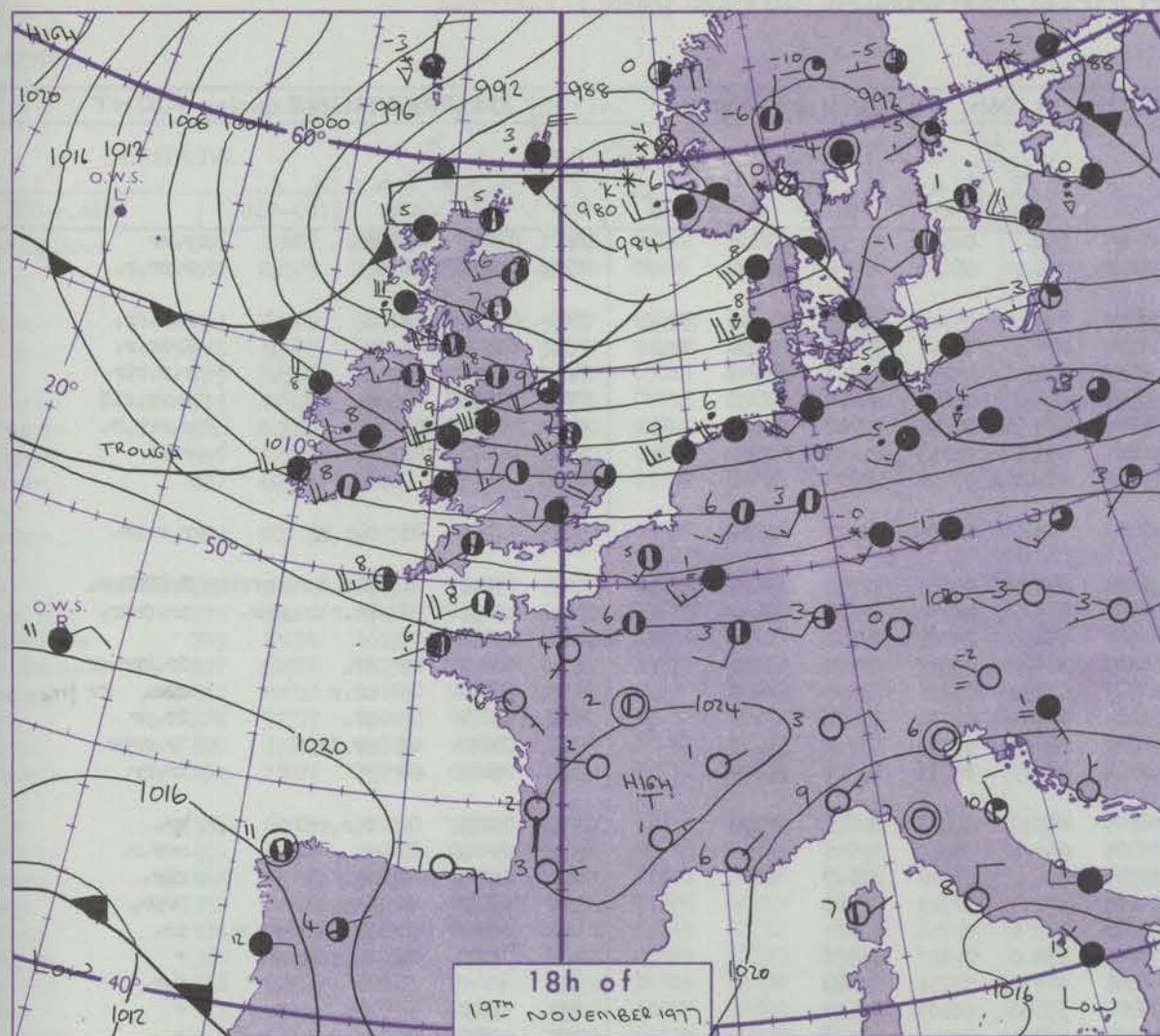


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 depression over Shetland moved steadily east and deepened, while an associated cold front moved south across the British Isles. A further low developed near the Hebrides and moved east into the North Sea. During the next 24 hours, the complex area of low

pressure over the North Sea will move slowly east, leaving a strong northerly airflow over the British Isles and surrounding areas.

Issued at midday SUNDAY 20 NOVEMBER 1977



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

Code FM II.V		OBSERVATIONS at 00h. 20 NOVEMBER 1977										OBSERVATIONS at 06h. 20 NOVEMBER 1977										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>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 <sub>T</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	72320	82026	06006	2557/	03741	82620	87360		746	82613	65636	97805	854//	04632	83710	88640		746	03041	03	ir.	r.r.r.			
Hurn	862	72414	80032	08008	755//	05837	85626	87650		862	82515	62616	98408	854//	06639	82716	88636		862	04061	05	r.	r.r.r.r.			
Manston	797	72319	80012	06207	7097/	03836	87360			797	82220	67602	97707	5542/	05744	81618	85650	88459	797	02061	05	+	r.r.r.r.			
Gatwick	776	72319	80022	06807	1557/	03735	81625	87359		776	82317	62636	97407	6542/	06747	83712	86616	88540	776	03051	03	+	r.r.r.r.			
Kew	775									775	82216	60636	96307	5742/	05750	85712	88550		775	04061	05	+	r.r.r.r.			
Heathrow	772	72314	80022	05807	45501	03738	82623	83635	87075	772	82315	58636	96507	854//	06644	84712	88620		772	03051	05	r.	r.r.r.r.			
Honington	586	82219	75032	02206	854//	03735	88615			586	82519	60636	94605	853//	04630	82708	85710	88620	586	04041	03	r.	r.r.r.r.			
Wattisham	590	82228	82032	03106	854//	04737	82618	88657		590	82223	65636	94606	853//	05739	81709	83711	88614	590	02041	02	+	r.r.			
Gorleston	497	32128	64011	01507	30970	03731	83358			497	82314	58616	93707	855//	05736	88625			497							
Aberporth	502	82724	50636	02207	854//	06538	84712	88617		502	73021	75026	97706	785//	02617	82822	87636		502	11041	03	r.r.r.r.	r.r.r.r.			
Filton	628	82417	62586	04307	854//	05746	82712	84618	88626	628	82711	75218	97406	853//	05620	82708	83625	88650	628	09041	01	d.r.d.r.d.r.r.r	r.r.r.r.r.			
Rhoose	715	82425	50608	03908	2732/	06749	82708	88510		715	82808	70258	97506	885//	04724	81822	88656		715	15031	00	r.r.r.r.r.r.r.r	r.r.r.r.r.			
Hartland Point	703	82840	69258	05209	886//	06742	83830	88635		703	53212	70258	98508	55600	05726	85630			703	05061	03					
Mount Batten	827	72625	70038	09409	754//	06737	85619	87650		827	82615	60636	00007	2742/	05637	82710	88532		827	06071	05	ir.	ir.r.r.r.r.			
St. Mawgan	817	72624	80256	09309	5247/	05738	85818	86359		817	82913	56638	00607	6732/	05736	86709	88550		817	10061	04	r.r.r	r.r.r.r.			
Scilly	804	72630	81258	10508	784//	05742	83818	87625		804	42824	65216	02208	45500	06728	84620			804	05072	04	r.r.	ir.r.r			
Culdrose	809	72722	68218	09908	784//	06741	82818	87620		809	52913	60636	01207	58440	07738	83818	85623		809	08052	03	r.r.r.	ir.r.r.r			
Guernsey	894	72626	84022	12409	756//	02843	87630			894	82529	66606	04308	855//	05740	82620	87645		894	03081	06	+	ir.r.r			
Elmdon	534	82116	70611	00507	854//	05737	82711	88615		534	72414	80016	94805	40978	02622	84360	87270		534	05031	01	r.r.r.r.	r.r.			
Cardington	559	82320	75022	02807	854//	04740	88614			559	82412	60616	95805	854//	05819	88616			559	05051	03	+	r.r.r.r.			
Wittering	462	72119	82602	09907	6547/	05747	83615	86622	87360	462	72416	82026	93705	756//	04726	87645			462	03031	01	r.r	r.r.r.			
Watnall	354	82419	60636	97607	854//	06747	81710	87616	88619	354	12514	80256	93004	18408	02723	81815			354	06021	51	r.r.r.r.	r.r.r.r.			
Shawbury	414	82517	68637	99106	5542/	05635	81711	85618	88545	414	32509	80016	94703	38530	01716	82820			414	06031	51	r.r.r.r.r.r.r.r	r.r.			
Finningley	360	82519	70616	96106	855//	04639	88624			360	32418	86016	90605	38400	01627	81812			360	02041	00	r.r.r.r.r.r.	+			
Spurn Point	396	82322	66606	95907	6557/	06741	86620	88360		396	52420	80016	90006	50970	03731	85360			396			ir.r.r.r.	r.r.			
Leeming	257	72620	75806	92707	785//	03738	84820	86630		257	12918	84018	89704	15600	50303	81630			257	91031	50	r.r.	+			
Tynemouth	262	72521	80022	91207	756//	04732	87637			262	02720	81021	87104	00900	50314				262	00031	01	+	+			
Carlisle	222	72714	65216	91505	6547/	04731	81712	83714	85620	222	72708	75038	90703	756//	01222	81630	87642		222	02021	52	r.r.r.r.r.	+			
Valley	302	82831	59606	98408	854//	05726	86618	88630		302	73017	80256	95306	784//	02615	83817	87630		302	02041	03	R	r.r.			
Ringway	334	82515	75616	97207	856//	04734	88645			334	63008	70806	93804	68400	02611	83818	85630		334	08031	02	r.r.r.r.r	r.r.			
Squires Gate	318	82825	65626	95507	854//	07629	84617	88626		318	53020	80258	92407	58500	04611	82823	84638		318	03051	03	r.r.r.r.r	r.r.r.r			
Ronaldsway	204	72723	80018	95607	785//	01722	83822	87645		204	63021	80028	93705	48502	04605	84824	84070		204	01051	02	r.r.	r.r			
Mull of Galloway	131	62728	82018	94005	625//	03725	86825			131	33528	82028	93204	38500	01305	82825			131	02031						
Eskdalemuir	162	52219	65808	90203	58400	01839	84817			162	12919	81028	89702	18400	52221	81818			162	04011	51	r.r.r.r.r	+			
Prestwick	135	72832	68028	88406	785//	04851	82820	83625	85630	135	13325	65018	91403	15600	52114	81630			135	92021	50	r.r.	+			
Abbotsinch	140	72620	60808	85205	684/2	02766	82818	85630	87072	140	23116	82018	91103	18502	52222	81822			140	01023	51	r.r.r.r	+			
Leuchars	171	42313	86021	85103	20932	01838	82362	83075		171	73005	82028	87404	754//	54238	82710	87625		171	02001	51	r.r.r.r.s.s.p.s	r.r.s.s.p.s			
Dyce	091	62308	82252	84304	38432	01732	81815	83650	85360	091	83012	60838	86002	883//	00145	81706	83708	85812	091	03005	51	r.r.r.s.s	s.s.s.s.s.s.p.s			
Lerwick	005	73614	80877	86701	784//	00210	86812			005	70213	70278	88850	793//	52313	86909			005	02516	52	r.s.s.p.s	ph.p.s			
Wick	075	80230	57638	84803	873//	02304	82707	85709	88712	075	73626	58838	89401	724//	01222	83710	87814		0							



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

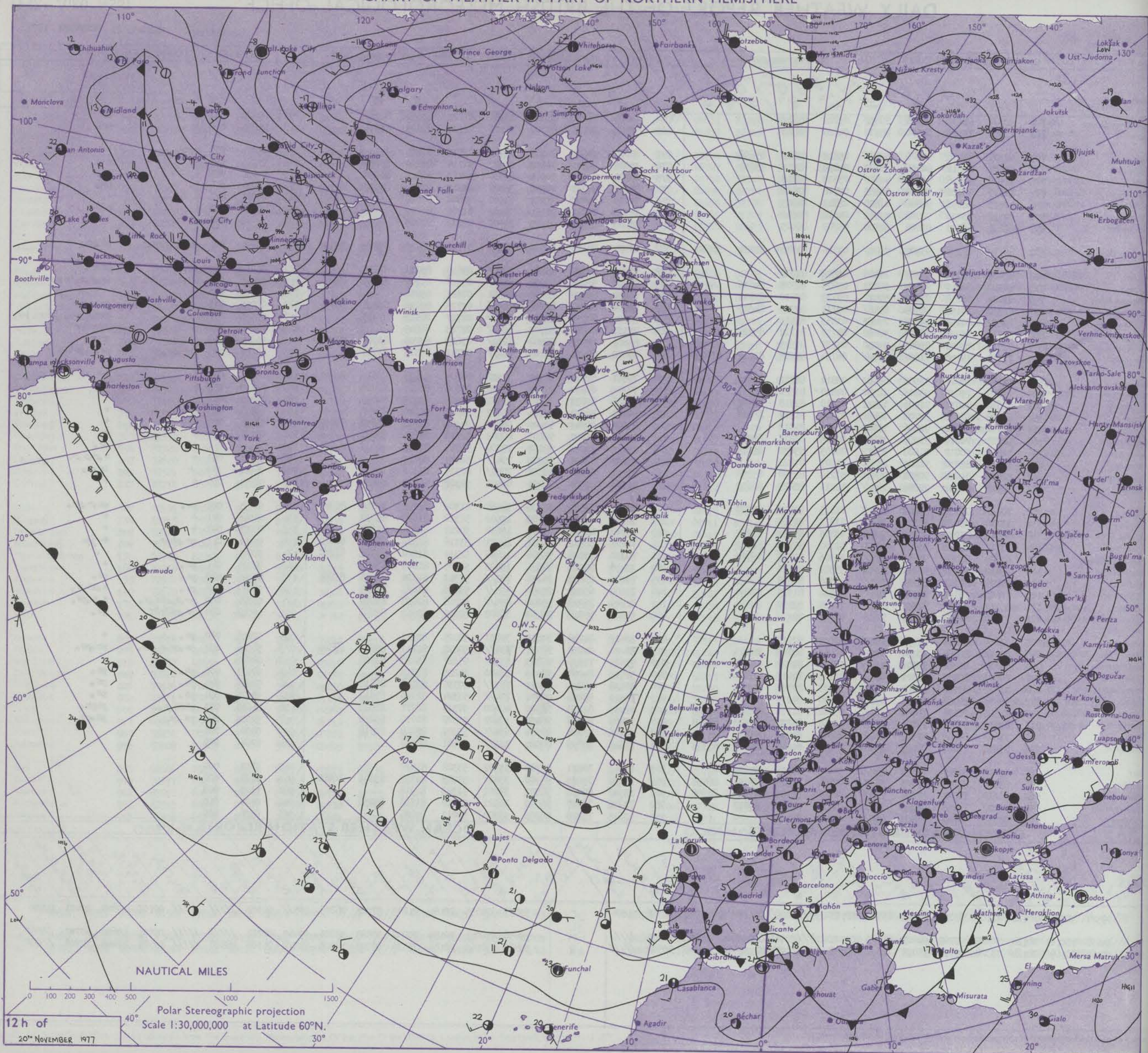
No. 42368

Date of Issue MONDAY 21 NOVEMBER 1977

OBSERVATIONS at 12h. 20 NOVEMBER 1977										OBSERVATIONS at 18h. 20 NOVEMBER 1977										OBSERVATIONS during DAY					
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <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>	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <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>	iii	RRT+T+E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	22407	83036	94006	29432	03722	81912			746	60805	75031	89103	35731	01722	83650	84360		746	00071	046	jp	jp		
Hurn	862	42505	75016	94508	48500	04826	82820			862	50302	70018	89103	38501	02724	81825	83635		862	91091	035	jp	pr.		
Manston	797	62209	84016	94406	5948/	05810	81812	85656		797	20000	20121	91102	18402	02713	81815			797	01071	001	r.rr.	+		
Gatwick	776	52407	82016	94106	38432	04820	81812	83650		776	30000	59041	90102	15502	01715	81620	83070		776	91081	038	r.	+		
Kew	775	42906	78026	93707	42400	03818	84818			775	60701	80021	90200	68530	50713	81823	86650		775	00081	043	+	+		
Heathrow	772	42910	75036	94207	38482	04718	83816			772	50505	59031	90505	58500	02713	82823	84630		772	97091	045	r.	pr.		
Honington	586	42512	86036	92806	41400	02711	84815			586	10000	64011	91401	14500	01604	81622			586	00073	042	+	+		
Wattisham	590	52617	75036	92906	41402	04812	84812			590	10306	75011	91203	00902	01706	81072			590	00073	038	+	+		
Gorleston	497	62614	66026	92206	62500	03709	86825			497	20000	58021	91705	21500	02602	82825			497		038				
Aberporth	502	80712	60278	93305	5342/	03726	81916	83820	88462	502	80424	80278	90304	884//	51708	83710	83815	88625	502	02061	001	ph.rr.rrr.rr.	pr.aph.		
Filton	628	23405	72031	93507	29400	01828	81918			628	70602	59218	89204	754//	03619	83711	87615		628	01071	042	pr.	prrr.		
Rhoose	715	52902	66261	93805	59402	03825	82918	84636		715	80507	58606	88904	853//	03517	81706	83710	88620	715	02061	025	pr.s.rr.rr.	rr.rr.rr.rr.		
Hartland Point	703	63024	66158	93607	59472	03733	83710	85918		703	61610	66022	88102	69401	01621	85918			703	01081	029				
Mount Batten	827	62510	70158	94909	6946/	03731	82915	84640		827	70204	64022	87604	795//	02725	82920	84828	86656	827	00091	045	jp	jp		
St. Mawgan	817	22812	80158	94708	29463	01833	81915			817	70702	82258	87803	39400	02727	81915	87275		817	93091	037	pr.	phrr.rrr.rr.		
Silly	804	52717	75028	96007	58400	04730	81712	85825		804	73117	82278	88705	6247/	02728	86815			804	05092	026	pr	phrrrr		
Culdrose	809	32912	75028	95608	33430	04737	81915			809	83606	58818	88504	6932/	03623	83708	85915	88460	809	96081	034	pr.	prpr.		
Guernsey	894	73017	75256	97007	783//	06734	82708	83812	87645	894	70000	64278	88706	794//	01741	85815	83918		894	14082	008	rrr.rr.rr	pr.rrr.rrr		
Elmdon	534	62707	70011	93006	68462	02814	81712	83816	85626	534	70501	62041	91102	38532	00605	81823	83635	87070	534	00061	039	+	+		
Cardington	559	12809	75016	93406	12530	04810	81820			559	70702	60101	91201	21502	01606	82825	87075		559	00073	058	+	+		
Wittering	462	42614	80031	92906	11432	02610	81818	83360		462	53406	72031	91801	35532	51503	83627	84075		462	00061	065	+	+		
Watnall	354	62608	68028	92704	18432	01608	81812	86068		354	60110	56031	92101	15602	58307	81640	86070		354	00071	042	+	+		
Shawbury	414	42910	82038	92906	39403	03815	81912			414	83608	60041	91402	5567/	01101	82630	84650	88459	414	97071	025	pr.	+		
Finningley	360	52911	70011	91506	18403	00805	81815	85070		360	53408	81021	92403	48502	52310	81824	84630		360	00071	044	+	+		
Spurn Point	396	52818	70012	91006	35672	00003	83630	85075		396	13215	70021	92104	15500	51311	81625			396			+	pr.		
Leeming	257	23112	82030	91605	28530	51007	81822			257	73210	82031	93302	754//	52214	87613			257	95051	053	+	s.rr.s.rr.		
Tynemouth	262	52914	81021	90804	25630	51214	82630	85358		262	70227	69237	92802	7052/	02315	87522			262	96041	041	+	rr.s.		
Carlisle	222	73516	84031	92804	785//	52211	82825	86632		222	51502	81031	93951	45501	54307	84625	84072		222	00051	036	+	+		
Valley	302	70117	75158	93407	794//	01815	82918	85820		302	70412	81808	92305	38568	51302	82822	84360	87270	302	97071	022	pr.	ph.rr.rr.		
Ringway	334	13110	75028	92506	18503	51811	81820			334	50507	65011	92602	15502	51310	81620	85070		334	00061	043	+	+		
Squires Gate	318	63512	85012	92506	32502	03805	83822	85072		318	70310	82011	93301	15638	50219	81635	87272		318	00071	043	+	+		
Ronaldsway	204	73617	86158	93505	29502	52002	81922	87070		204	70207	82012	94101	28551	53116	81822	85362	86070	204	91061	012	pr.aph.rr.	ph.rr.		
Mull of Galloway	131	63620	84028	93903	18505	51306	81825	86075		131	70320	83028	94801	12548	52314	81820	83365	87270	131	97041			+		
Eskdalemuir	162	63410	84031	92801	52502	53319	85820			162	33414	86018	94351	15602	53305	81645	83072		162	97021	061	ps.	+		
Prestwick	135	70209	80151	93903	784//	51308	83818	85622		135	70206	63038	96151	785//	53313	81825	85645	87656	135	94046	020	ps.	ps.		
Abbotsinch	140	73610	75151	93903	794/3	54314	81915	87640		140	73602	65038	95950	755//	53316	81625	87645		140	96037	018	ps.	s.s.s.s.		
Leuchars	171	83211	58858	92350	893//	50224	82707	88915		171	82909	75028	95200	855//	52218	82620	88650		171	03026	000	pr.s.s.s.s.	s.s.s.s.		
Dyce	091	93310	06868	91200	91111	00123	89111			091	53012	58018	94450	38402	52219	82812	85070		091	10018	000	ps.s.s.s.s.	ps.		
Lerwick	005	63620	82018	91550	33432	50209	82910			005	33417	8													



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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Cloud  
Amount  
(oktas)  
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2  
3  
4  
5  
6  
7 or more  
8  
Obscured  
by or  
data  
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Weather  
id snow  
id snow  
ver  
hower  
hower  
storm  
ND  
Wind  
speed  
(knots)  
Calm  
1-2  
3-7  
8-12  
13-17  
Additional  
add  
18-52



# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
mbols

UD  
Cloud  
Amount  
(oktas)

0  
1 or less  
2  
3  
4  
5  
6  
7 or more  
8

Obscured  
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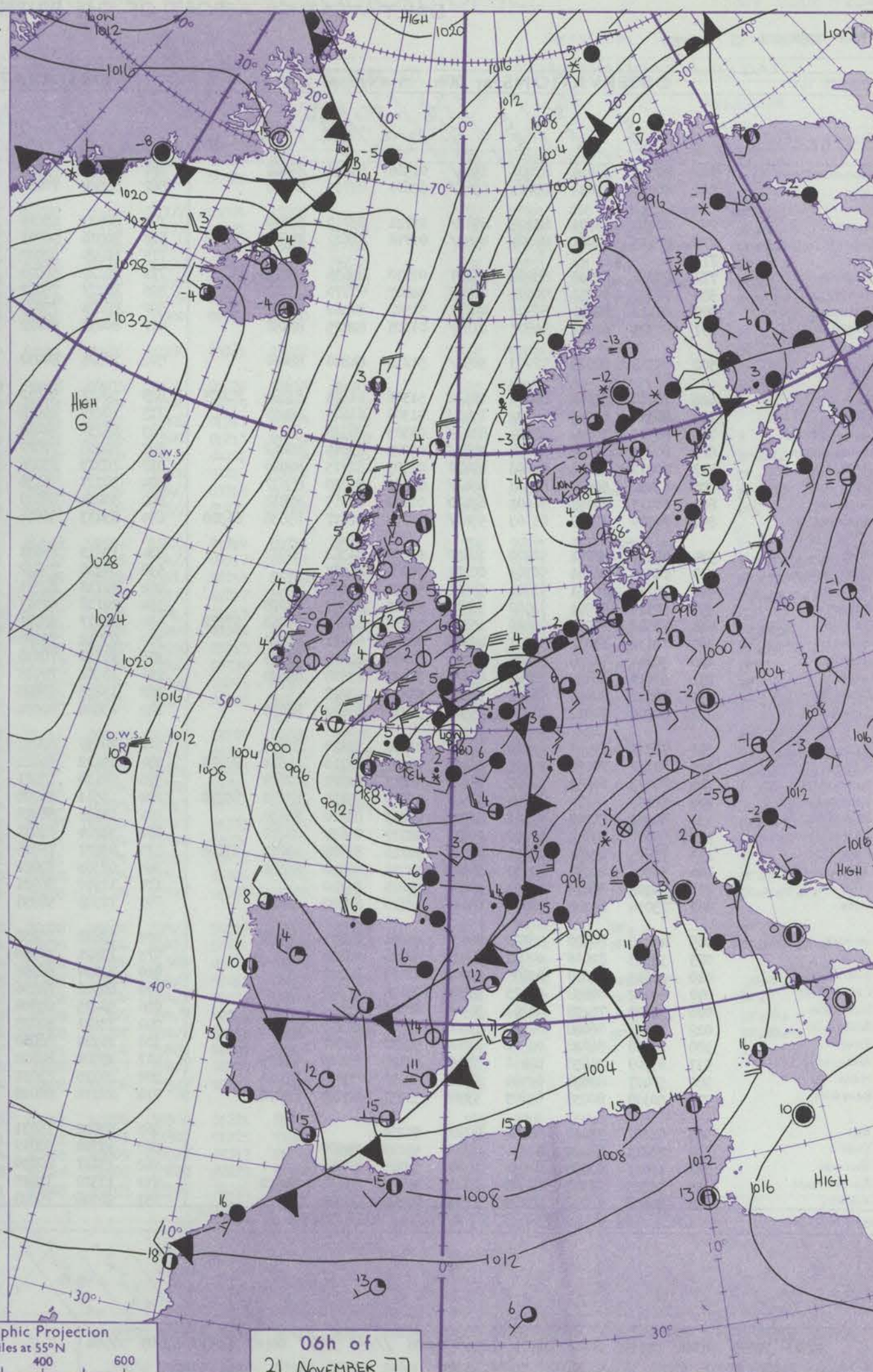
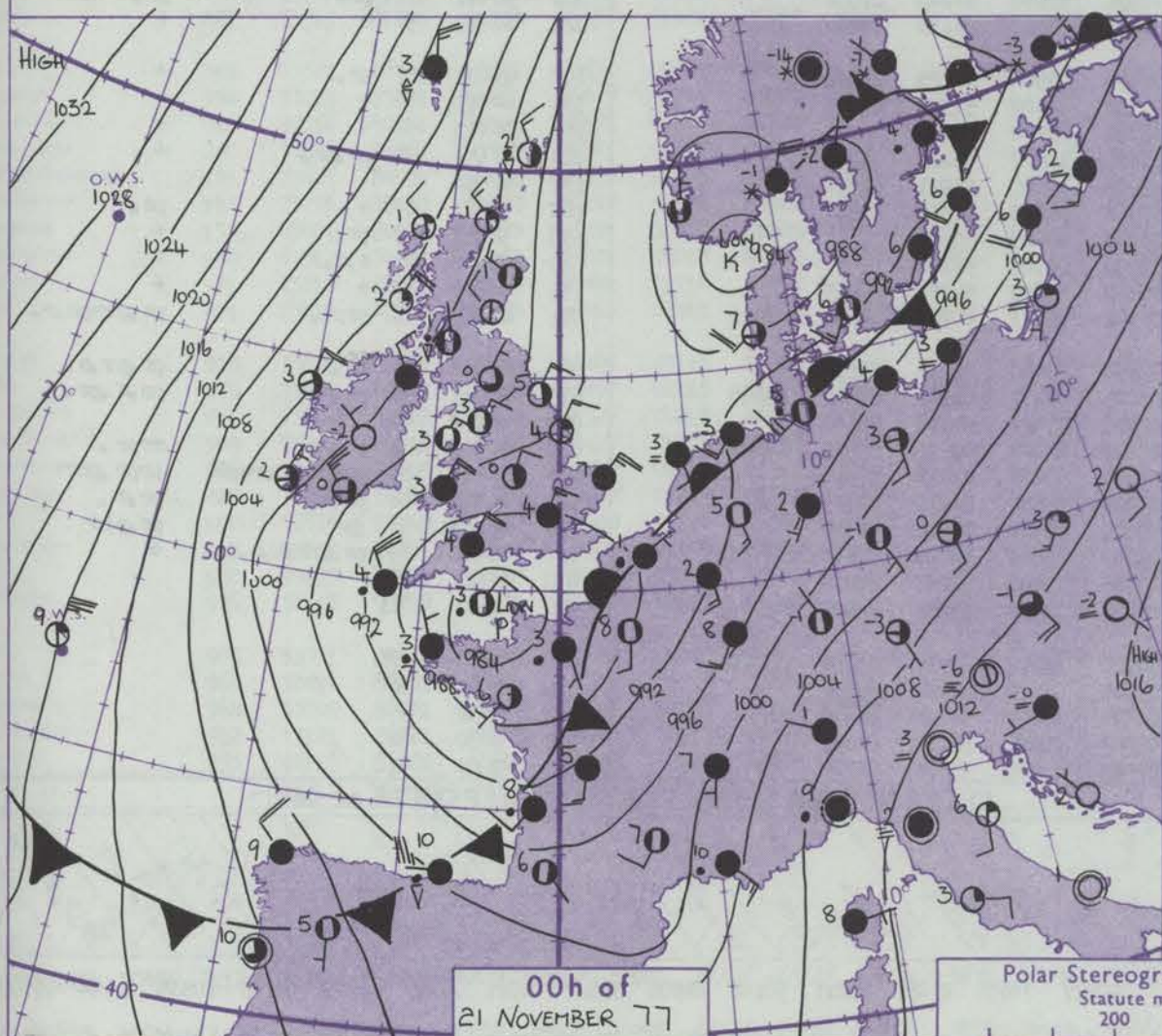
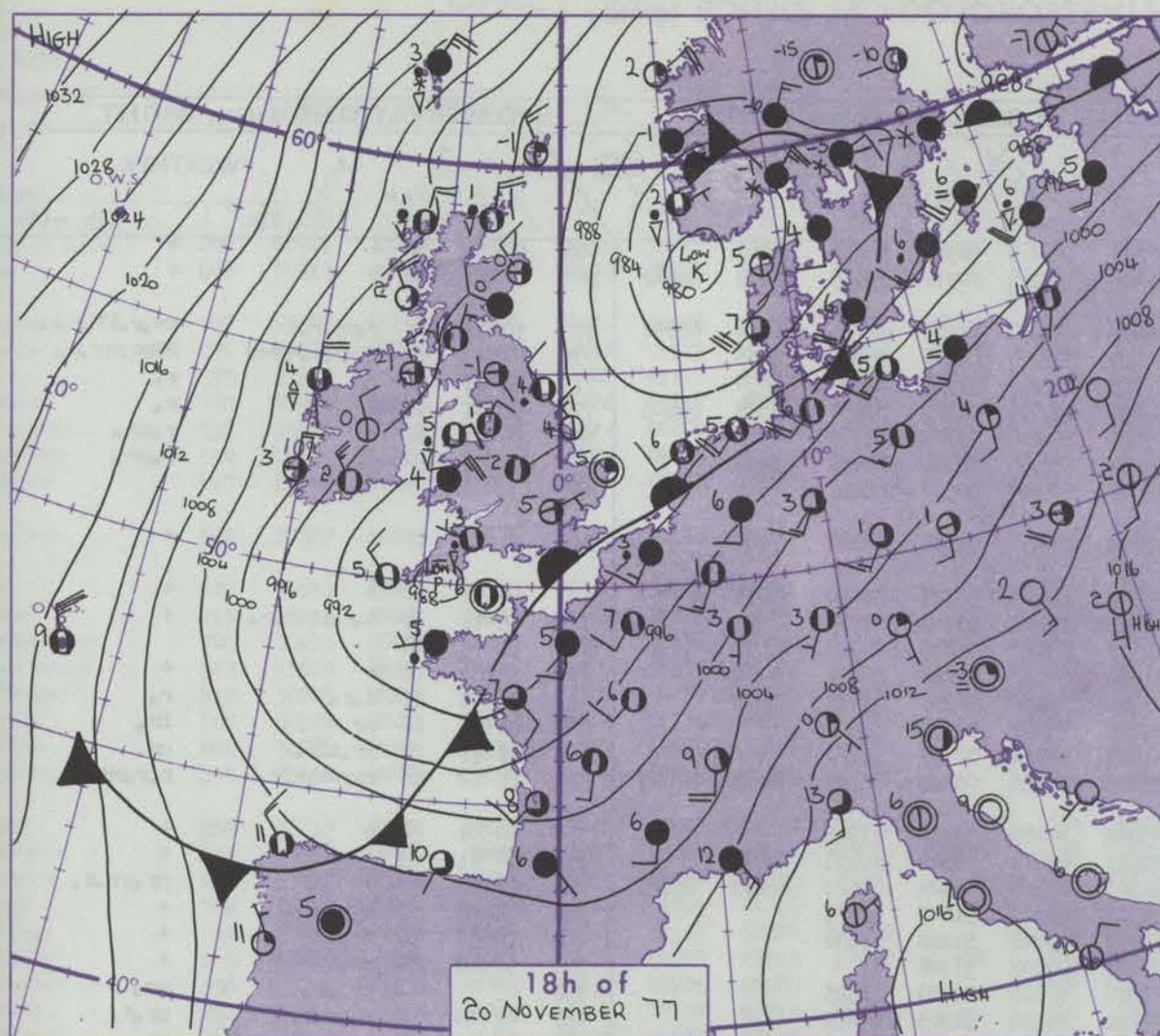
lower

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ND

Wind  
speed  
(knots)

Calm  
1-2  
3-7  
8-12  
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Additional  
r add  
18-52



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 deep depression over the North Sea moved steadily east to southern Scandinavia and filled a little, whilst the associated cold front cleared southeast England yesterday morning. A secondary low which developed over southeast Ireland deepened as it moved to the Cherbourg peninsula, and a cold northerly airstream persisted over Britain.

During the next 24 hours the low over northern France will move to northern Germany, whilst an anticyclone southwest of Iceland moves steadily south, maintaining a strong northerly airflow over the British Isles.

Issued at midday MONDAY 21 NOVEMBER 1977



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

OBSERVATIONS at 00h. 21 NOVEMBER 1977										OBSERVATIONS at 06h. 21 NOVEMBER 1977										OBSERVATIONS during NIGHT					
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	RRR	T <sub>n</sub> T <sub>e</sub>	T <sub>g</sub> T <sub>g</sub>	WEATHER		
																							21h.—03h.	03h.—09h.	
Boscombe Down	746	80313	66022	87202	1541/	01506	81618	88462		746	80121	81022	88903	2841/	50319	82815	88460		746	00 011	50	+		+	
Hurn	862	80216	75032	85703	854//	02609	81715	88656		862	83624	70032	87404	3542/	00319	83615	85458	88462		862	00 021	02	+		+
Manston	797	80519	63601	87205	854//	03721	82710	88640		797	80531	68616	84605	884//	02607	83711	86814	88650		797	10 011	01	r.r.r.r.r		r.r.r.t.l.r.h.
Gatwick	776	80413	62021	86304	4552/	01718	82622	84650	88458	776	80316	56237	85604	5552/	01304	85626	88458		776	06 022	51	r.r.r.s.s—r-rs		RSrs rsr.s.s.	
Kew	775									775	60220	62022	87305	685//	51306	82825	86650		775	97031	01	+		r.	
Heathrow	772	80316	68038	88204	35607	01710	83636	88275		772	80122	80022	88005	1577/	51309	81650	83358	88465		772	91 031	01	+		r.
Honington	586	70309	57051	90301	00906	51807	87270			586	80217	75022	89505	8092/	52303	88460			586	94 001	51	+		r.p.r.	
Wattisham	590	80312	68011	89902	40937	51507	84362	88272		590	80224	75027	88804	856//	52306	84630	88650		590	91 011	52	is		r.p.r.	
Gorleston	497	80323	62021	90807	2151/	01708	82825	88458		497	80238	66022	90007	8092/	02502	88458			497						
Aberporth	502	80318	80028	92903	5852/	51218	84820	88460		502	70325	80032	97504	6857/	01330	85822	87460		502	00 021	01	+		+	
Filton	628	70416	62012	89401	25532	51306	81625	83362	87075	628	50417	60012	92902	26432	51325	81710	85075		628	00 011	50	+		+	
Rhoose	715	80318	64236	88702	1541/	51308	81615	88459		715	70219	80022	92203	11408	51120	81818	87275		715	91 011	51	h.r.r.l.r.h.r.		+	
Hartland Point	703	80530	70809	87004	834//	04303	88918			703	83232	74028	92505	884//	01232	84818	88637		703	01 031	02				
Mount Batten	827	80413	65022	85604	3567/	02503	83645	88462		827	80218	70022	91804	6557/	51236	86627	88460		827	00031	01	+		+	
St. Mawgan	817	70412	62138	87003	29470	01303	82915	87466		817	70323	65026	93604	784//	00234	84818	87628		817	97 021	51	d.r.		r.	
Scilly	804	83432	56638	88504	854//	03302	85710	88617		804	30227	75136	94706	35500	02236	83620			804	07 031	03	rr		ir.	
Culdrose	809	60413	70258	86603	63430	01302	82915	83818		809	30414	68019	93403	18530	00339	81820			809	01 011	51	pr.tlr.		pr.	
Guernsey	894	70309	62619	81903	5543/	03735	82617	85636	86360	894	83433	56616	83605	853//	03332	82709	84613	87625		894	21 012	01	rsrrssr.r.		r.r.r.ttr.r.
Elmdon	534	40210	57041	92100	10932	52306	81362	84072		534	13613	65031	93802	10930	52317	81365			534	00 501	52	+		+	
Cardington	559	60314	58101	90701	00901	00500	86075			559	80216	75022	90603	6567/	50309	86638	88275		559	00 511	53	+		+	
Wittering	462	50112	66031	91801	55501	50301	85620			462	70118	82021	92303	685/8	51309	81822	86635	86275		462	97 013	51	+		pr.p.r.s.
Watnall	354	50113	56052	92900	36301	51400	82707	84075		354	20118	62011	94201	00901	51007	82075			354	00503	53	+		+	
Shawbury	414	73612	60042	93550	25518	51316	82625	85460	87272	414	23517	68021	96401	15601	51216	81630			414	00 513	53	+		+	
Finningley	360	70112	65832	93901	49503	00105	84921	85070		360	03412	70028	95101	00900	51106				360	97 003	54	pr.s.		+	
Spurn Point	396	30314	70028	93104	22501	00006	82825	83075		396	10120	70018	93006	12500	50400	81825			396				pr.sph.	pr.	
Leeming	257	63410	30837	96701	684//	01117	83818	85632		257	13317	70018	97701	15530	52303	81625			257	01 003	52	r.p.r.s.		pr.s.	
Tynemouth	262	30127	80021	96305	33500	51214	83925			262	13222	69028	97802	10940	51205	81358			262	92 011	51	pr.		ps.	
Carlisle	222	60306	70012	98000	25502	51219	81622	86075		222	43606	82031	00600	28502	54110	81822	83075		222	00 513	56	+		+	
Valley	302	70311	80038	95303	785//	01220	82820	87626		302	20219	80038	99504	28500	01225	81822			302	97 031	01	pr.		+	
Ringway	334	70410	70032	94102	55408	00107	82710	84614	87270	334	10112	80021	97303	11400	51317	81815			334	00 013	51	+		+	
Squires Gate	318	70212	81032	95703	785//	01213	81822	87629		318	00114	83021	98702	00900	00216				318	00 013	52	+		+	
Ronaldsway	204	80213	84272	97502	58507	51220	83828	83650	88270	204	13511	84028	01701	12500	53222	81825			204	97 013	54	ps.sph.		+	
Mull of Galloway	131	80331	74708	99001	2352/	00223	82920	88530		131	10125	86018	02902	15600	54221	81630			131	91 003					
Eskdalemuir	162	53620	83011	98400	15638	52119	81635	85270		162	33214	83031	01451	30940	57310	83364			162	97521	57	+		ps.	
Prestwick	135	73605	62858	01051	783//	52226	81708	83814	87645	135	03407	75018	03753	00900	55210				135	95557	61	ps.		+	
Abbotsinch	140	50306	82037	01100	58500	52226	81820	85650		140	02303	82021	03256	00900	58104				140	97 565	61	s.s.		+	
Leuchars	171	13208	86028	99951	18500	52225	81820			171	12510	86021	00550	15600	54001	81645			171	00526	57	+		+	
Dyce	091	73014	80268	98901	2561/	52120	82630	87462		091	72918	58838	99201	792//	00702	82704	86912		091	02 517	53	psps.		ps.p.r.sph.r.	
Lerwick	005	43415	80800	96702	48400	01004	83815	84625		005	23628	65258	98604	28400	02210	81813									



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

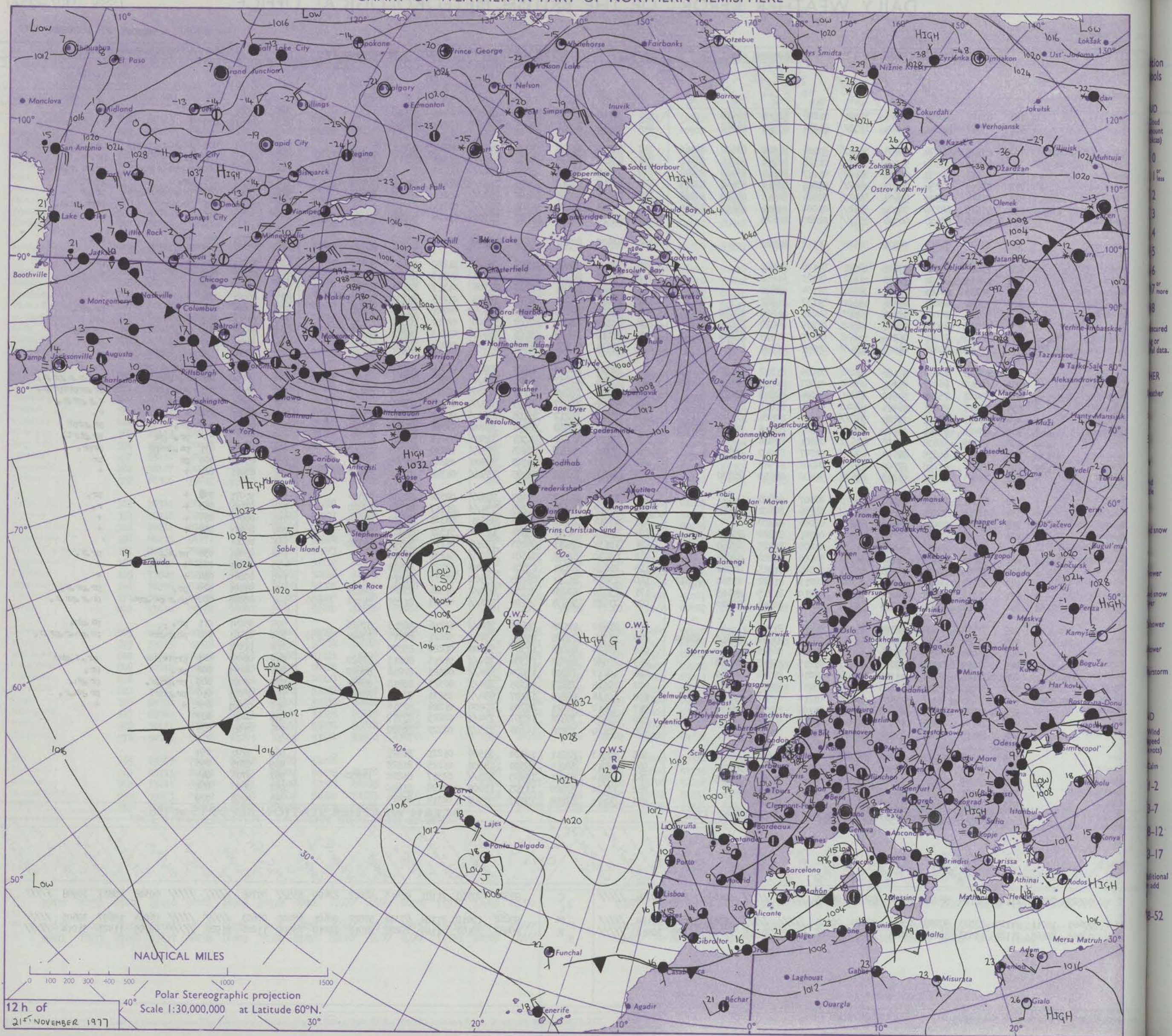
No. 4236 9

Date of Issue TUESDAY 22 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 21 NOVEMBER 1977										OBSERVATIONS at 18h. 21 NOVEMBER 1977										OBSERVATIONS during DAY			
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> C <sub>h</sub> M <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> C <sub>h</sub> M <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 x E	SSs	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	63421	75012	95903	31401	51226	83819	86070		746	73112	70216	98704	755//	01320	87620			746	97051	044 +		r.		
Hurn	862	63418	81012	95404	18532	51234	81825	86067		862	63217	80031	99105	656//	00323	86640			862	00061	030 +		+		
Manston	797	83525	62299	88005	3852/	03006	81820	83650	88460	797	73220	65038	92005	763//	03324	87708			797	07061	000	tl. sh. r. ph. pr.	pr.		
Gatwick	776	83520	68806	91504	5847/	01125	82713	84816	88460	776	83315	62258	95104	854//	01323	85711	88614		776	93051	000	pr. r.	pr. r.		
Kew	775	73513	65258	92804	38422	01117	83813	83460	86072	775	73313	62218	95604	754//	01220	85618	87632		775	01051	000	r. r. pr. s. pr. s.	pr. r. r. r.		
Heathrow	772	73419	62256	93205	48472	02017	83816	83460	87075	772	73217	62018	96004	784//	02219	83818	86640		772	95051	001	pr.	pr. pr.		
Honington	586	73414	57838	91604	5947/	02004	84913	84630	87464	586	73017	70258	93304	752//	03316	86704	87620		586	03061	000	pr. r. pr. r. s. pr. s.	pr. pr.		
Wattisham	590	73520	68278	90804	5842/	01004	81812	85650	87464	590	73118	58258	92603	762//	03314	87705			590	06051	001	pr. r. pr. r.	pr. r. pr. r. s.		
Gorleston	497	80140	60646	90906	855//	02205	88625			497	53415	66818	91507	53500	01216	85920			497		000				
Aberporth	502	33527	84011	02505	38532	01112	82823			502	43630	82011	04406	48500	03321	83822			502	97071	044 +		pr.		
Filton	628	13616	82021	98505	18501	51124	81822			628	73409	80028	00905	756//	01220	84632	86645		628	97061	047 +		pr.		
Rhoose	715	13415	86021	99605	11632	51123	81830			715	63210	84031	01904	18536	00319	81825	86275		715	00051	047 +		+		
Hartland Point	703	30235	86021	01506	32502	52134	83820			703	73525	89031	03407	52506	01317	85825	87075		703	00070	049				
Mount Batten	827	13620	88011	00406	11501	51137	81822			827	43514	86031	02506	15643	01213	81630	84360		827	00081	054 +		+		
St. Mawgan	817	30225	84011	02106	12502	54238	81826	83070		817	63622	82278	05005	684//	04221	81710	83816		817	95071	049 +		pr. ph.		
Scilly	804	50322	80011	03608	42502	01239	84820	85075		804	33525	82021	07107	32500	02216	83820			804	97091	030 +		pr.		
Culdrose	809	50226	75031	01206	11402	00129	81818	85070		809	83616	56808	05106	884//	03319	84816	88624		809	07081	043	ph.	pr. r. pr. r.		
Guernsey	894	73632	70026	94506	785//	04257	86824	87645		894	73424	82031	01206	725//	51227	87828			894	97071	027 +		pr.		
Elmdon	534	53218	65031	97103	18432	53009	81812	84070		534	83221	64608	98904	854//	01314	84711	88620		534	97051	025	r. r. r. s. pr.	r.		
Cardington	559	63512	66027	94004	48402	01007	82818	83630	86075	559	73316	62237	96005	754//	02317	84712	86716	87627	559	91051	015	r. s. pr.	r. s. r. s. pr. s.		
Wittering	462	53422	75268	94903	38461	51004	82815	83075		462	73321	68028	96104	6533/	02214	85709	83645		462	92051	021	pr. s. pr.	pr. r. pr. r. s. pr. s.		
Watnall	354	23417	70021	96504	18440	51001	81815			354	63320	59837	98303	683//	01217	85809			354	01041	029	r. s.	r. s. pr. s.		
Shawbury	414	73417	80031	99704	785//	51112	82824	87640		414	83420	68212	01105	2561/	01215	82645	88464		414	97061	032 +		r.		
Finningley	360	63420	75801	96204	684//	00807	83815	84620	86635	360	33217	70258	98204	38400	03324	81815	83624		360	03051	027	pr.	pr. r. pr. r.		
Spurn Point	396	83220	61838	93505	835//	03801	88920			396	33527	70258	94507	33500	03215	83920			396			pr. s. pr.	pr. r. pr. r. t. l.		
Leeming	257	63425	66838	97304	694//	02707	83910	85630		257	73526	35818	00405	793//	03230	82708	87912		257	14051	031	pr. s. pr. s. pr.	pr. pr.		
Tynemouth	262	73426	61268	97704	735//	04607	87925			262	50143	69028	99707	53500	05225	85925			262	05071	000	pr.	pr.		
Carlisle	222	73513	81031	01305	65636	51400	86630	86270		222	73410	81032	04305	755//	01328	81620	87627		222	00061	029 +		+		
Valley	302	63521	82031	02807	58571	02007	85826			302	73522	81018	05407	785//	02324	82822	87626		302	91071	032 +		pr.		
Ringway	334	73215	75021	99803	755//	53106	84622	87630		334	73517	68606	01205	754//	01317	82715	87620		334	97051	030 +		r.		
Squires Gate	318	53314	80031	00506	48532	02006	82820			318	63516	75012	02806	48531	03323	81825	84638		318	00071	037 +		+		
Ronaldsway	204	53522	86031	03006	18541	00301	81820	85070		204	53622	82012	05806	18542	51321	81825	83360		204	00071	037 +		+		
Mull of Galloway	131	73625	84031	04105	1257/	01205	81825	87460		131	40138	85011	06205	12510	01216	81825	84460		131	00061					
Eskdalemuir	162	73226	88038	01103	38532	52105	83822	87072		162	63430	62838	04303	625//	51231	86820			162	92041	038	pr. s.	pr. s.		
Prestwick	135	73409	80021	04903	18571	51306	81825	86464	87070	135	23616	80021	07604	18540	52221	81828			135	00051	030 +		+		
Abbotsinch	140	63312	84021	04605	28572	00213	81822	83360	85072	140	23613	81011	08405	28500	53232	81820			140	00061	034 +		+		
Leuchars	171	73319	82251	02104	58442	01210																			

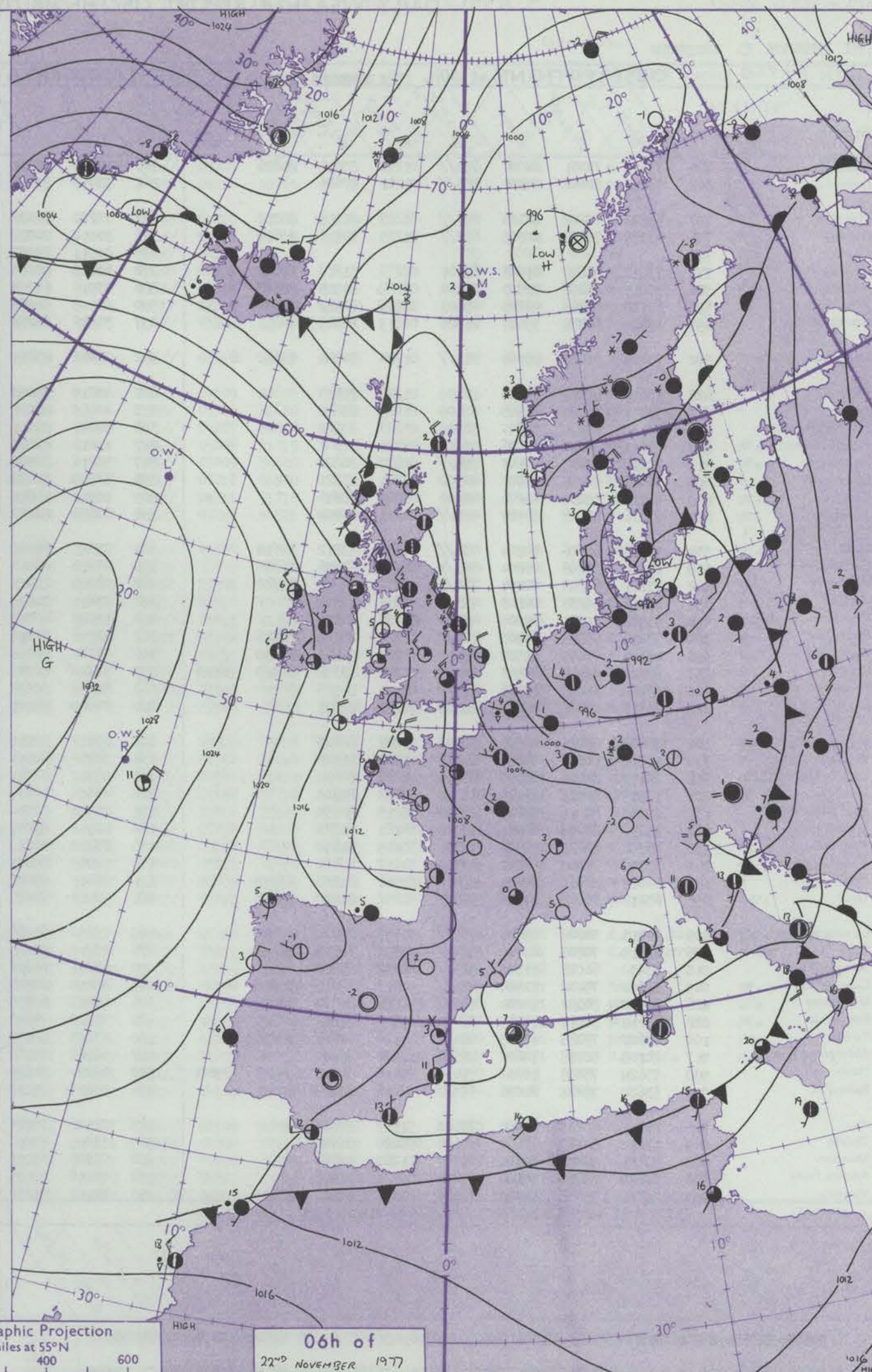
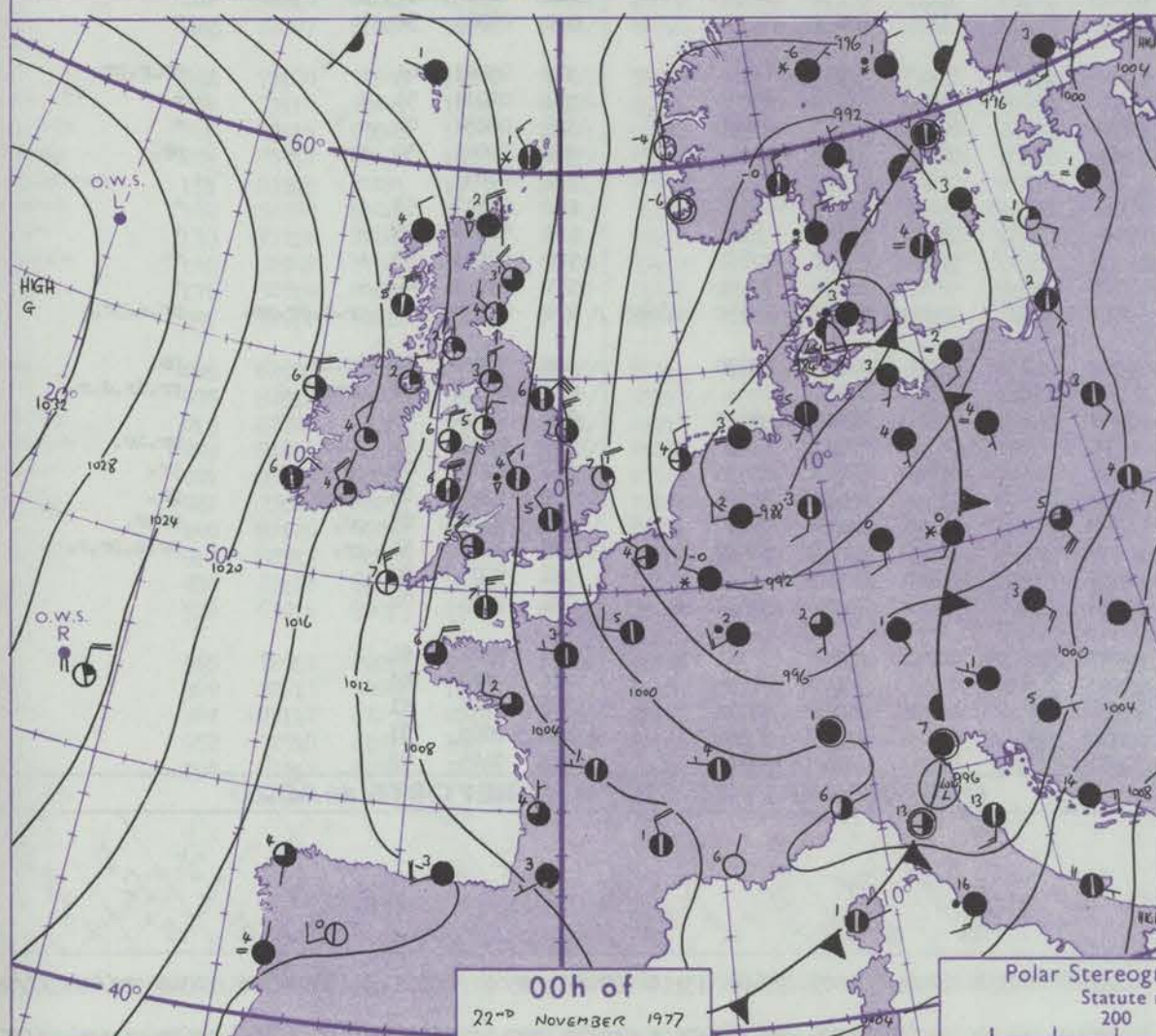
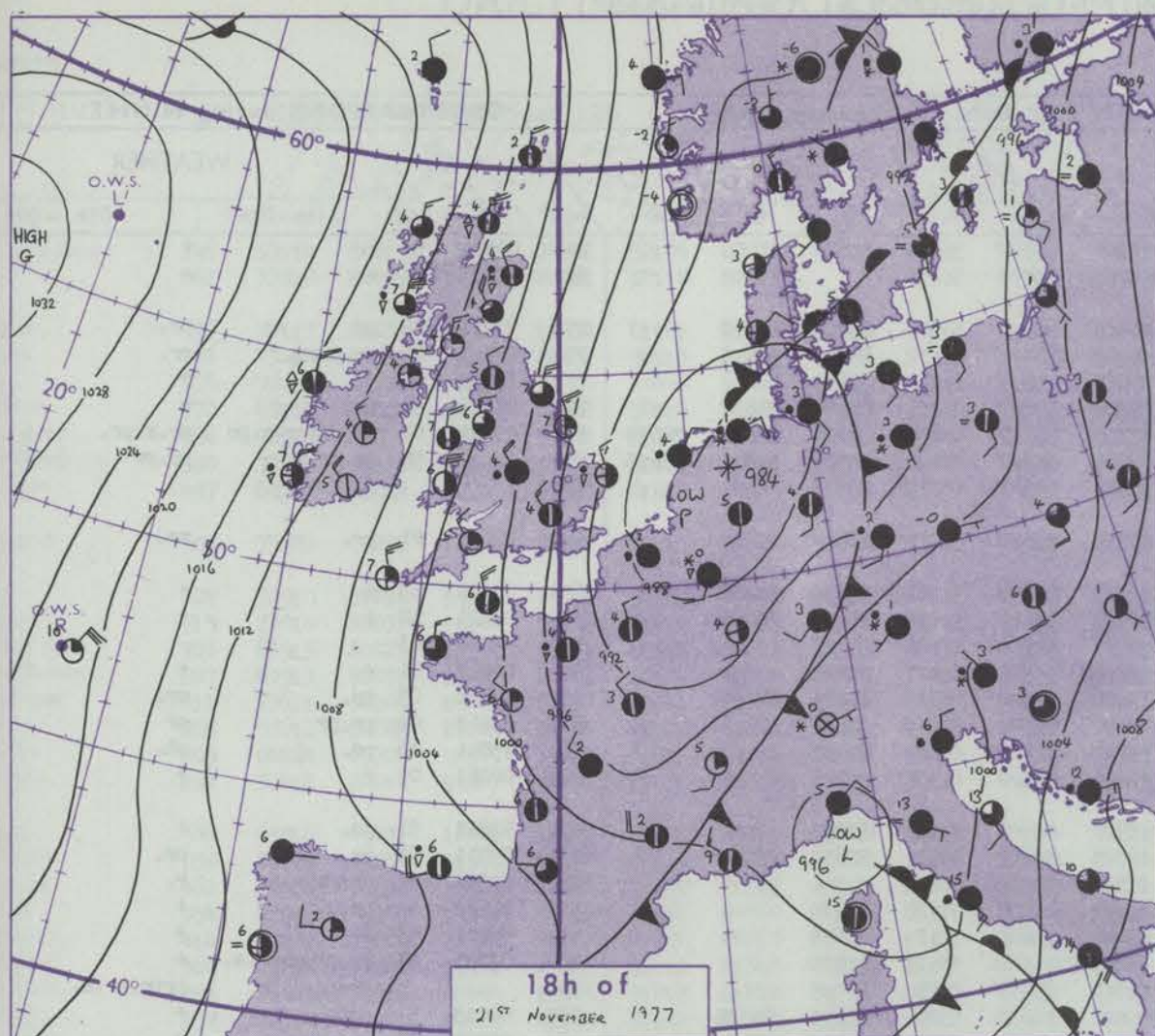


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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

A depression over northern France moved northeast into Germany during the past 24 hours while an anticyclone southwest of Iceland moved south-southeast to a position west of the British Isles. Southeastern parts of Britain had strong northeasterly flow at first under the influence of the depression, but otherwise strong northerly flow was maintained with a

backing to northwest in the north towards the end of the period. During the next 24 hours a depression west of Iceland is expected to deepen and move east to the Faeroes as the anticyclone to the west of Britain continues to move south. The flow over Britain will back to northwest or west and frontal troughs will affect northern districts.

Issued at midday TUESDAY 22 NOVEMBER 1977



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

OBSERVATIONS at 00h. 22 NOVEMBER 1977										OBSERVATIONS at 06h. 22 NOVEMBER 1977										OBSERVATIONS during NIGHT			
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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> H	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	RRT	T <sub>g</sub> T <sub>g</sub>	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	73316	75031	04004	754//	01232	85618	86626		746	13314	80021	10202	15500	51234	81620			746	00013	53	+	+
Hurn	862	73214	80032	04305	755//	01231	87626			862	03415	80011	10203	00900	51333				862	00021	01	+	+
Manston	797	63122	70802	97304	683//	03227	82709	83812		797	73222	81038	04404	763//	03342	85708	83810		797	97031	02	pr.	pr.
Gatwick	776	63316	72258	00305	684//	01229	84816	85620		776	83414	70028	06805	884//	01132	84815	88618		776	97021	00	pr.pr.s.	pr.
Kew	775									775	73511	75022	07405	756//	01230	87630			775	00031	00	+	+
Heathrow	772	73212	68258	01905	68401	02233	81815	85622		772	63315	80018	07804	655//	01231	83620	84632		772	97021	51	pr.	+
Honington	586	33015	75258	98603	39400	03229	81914	83630		586	83016	64258	05303	883//	02235	86706	84812	88620	586	05011	01	ph.pr.pr.s.pr	pr.s.pr.
Wattisham	590	63120	65268	98203	49403	02230	82912	83070		590	83118	56808	04803	882//	02140	84705	84810	88615	590	04011	50	pr.pr.s.	pr.pr.
Gorleston	497	23620	66038	95607	21500	00219	82825			497	53418	66258	02906	595//	03239	85925			497				
Aberporth	502	73629	81028	09106	785//	02224	82822	87640		502	23622	83011	13905	25600	51218	82647			502	97041	01	pr.	pr.
Filton	628	13614	81011	05805	18400	01227	81815			628	43410	75030	12103	45600	51232	81635	84650		628	00021	53	+	+
Rhoose	715	53312	82031	06805	55600	01229	85632			715	43410	82031	12403	15601	51124	81640	84075		715	00021	52	+	+
Hartland Point	703	30130	89011	07907	32500	03227	83822			703	10226	89011	12707	12500	01126	81825			703	00060	03		
Mount Batten	827	03611	80010	07606	00900	02221				827	13616	82020	12805	11501	01327	81825			827	00041	01	+	+
St. Mawgan	817	70218	82038	09107	785//	02227	86822			817	50216	82028	13906	58500	01225	82825	84634		817	97051	03	pr.	pr.
Scilly	804	33423	80258	10907	32500	04221	83820			804	33520	82028	15007	32500	03219	83820			804	03062	04	pr.pr	pr
Culdrose	809	40113	80038	09206	48400	03222	83816			809	10313	80011	13705	12400	02222	81818			809	95041	03	pr.	ph.
Guernsey	894	73626	82028	04907	725//	02221	87824			894	63618	82032	10906	685//	01334	85825			894	00061	05	+	+
Elmdon	534	73316	66806	04804	784//	01332	83812	87618		534	23214	66038	10302	00902	53227	82075			534	92011	51	pr.	+
Cardington	559	63314	58258	01804	685//	02230	83826	86635		559	43318	66018	08003	25602	00331	82630	83075		559	95011	51	pr.	pr.
Wittering	462	73221	66808	02004	724//	02231	84711	87816		462	03219	82018	07902	00900	50228				462	01011	51	pr.pr.r.s.	r.
Watnall	354	73416	59838	04103	723//	02231	87809			354	23411	70028	09402	00902	53128	82070			354	01013	53	pr.s.	+
Shawbury	414	43522	80031	08005	45500	01238	84620			414	13210	80010	12202	15600	52129	81635			414	00011	53	+	+
Finningley	360	73218	65838	03803	723//	02229	83709	87816		360	13316	81018	08603	11500	53121	81820			360	05023	51	pr.pr.pr.pr.s.	+
Spurn Point	396	43526	70039	99507	48500	03224	82820	83630		396	73224	56808	06304	734//	02235	87915			396			ph.pr.s.pr	pr.pr.pr.s.
Leeming	257	63420	60818	05503	693//	01224	83708	85910	86816	257	33220	80038	09402	25630	53214	82640	83358		257	02013	51	pr.pr.	+
Tynemouth	262	63440	61258	03906	635//	03121	86925			262	53218	80028	08603	50930	51211	85358			262	01021	51	pr	+
Carlisle	222	23515	80021	09003	25500	52117	82628			222	73009	80021	11602	756//	53109	87640			222	00011	52	+	+
Valley	302	53622	81031	10906	55500	01228	85625			302	13617	82011	14105	15600	53217	81635			302	95041	01	+	ph.r.pr.
Ringway	334	13515	80016	06904	18502	51229	81820			334	33316	80011	11302	15701	53220	81650	83070		334	00011	51	+	+
Squires Gate	318	20111	80011	08705	25630	01232	82635			318	43517	82031	12504	35601	00315	81635	83656		318	00031	01	+	+
Ronaldsway	204	13519	82021	11405	18540	52222	81825			204	43516	84030	13905	12531	52208	81825	84070		204	91041	50	+	pr.
Mull of Galloway	131	20235	84011	11205	25600	52215	82630			131	23523	82030	13804	25600	02003	82630			131	97031			
Eskdalemuir	162	13219	84018	09401	18500	54121	81825			162	42912	83031	11401	25631	55206	82640	84363		162	00511	53	+	+
Prestwick	135	23508	80030	12702	15701	55219	81650			135	83212	80031	12904	35777	51602	83656	88465		135	00011	55	+	+
Abbotsinch	140	33207	81030	12202	35600	54217	82630			140	72709	80021	11503	756//	51809	83630	87650		140	00011	53	+	+
Leuchars	171	43015	82031	09904	18542	54313	81825	83070		171	72411	84021	09302	756//	52708	83634	87645		171	00021	00	+	+
Dyce	091	63218	75028	07703	685//	52802	81820	85656		091	72914	70028	07002	785//	00809	82820	83630	86645	091	01015	50	pr.s.pr.pr.s.	pr.s.pr.
Lerwick	005	73315	50708	05901	755//	01707	87620			005	73322	60268	03302	38408	01711	82815	87270		005	92012	51	1s.ps.	ps.
Wick	075	83519	70808	09902	884//	00803	83812	88642		075	23516	80258	07004	12460	03714	81818			075	02022	50	pr.pr.	pr.ir.d.r.
Sule Skerry	010	83430	66028	11505	825//	02712	88820			010	83213	66028	08207	885//	05810	82820	88625		010	95021	03		
Cape Wrath	049	83614	75038	12504	884//	00813	85815	88620		049	83215	80808	08706	884//	04708	84815	88620		049	04022	01	pr.pr.	pr.ir.
Stornoway	026	83410	80252	14004	885//	50716	81820	88640		026	83213	65258	10806	884//	05610	85816	88635		026	02021	02	pr.	pr.
Benbecula	022	33418	82018	16305	38400	01707	82818			022	73320	75808	13407	784//	05613	84816	87635		022	02041	03	pr.pr.s.	pr.
Tiree	100	73623	75258	15305	784//	01109	84818	87635		100	83223	66258	13307	38477	05714	81816	83637	88458	100	95041	03	pr.	pr.pr.
Aldergrove	917	20108	80038	14602	28500	53224	81820			917	62908	75268	16004	684//	02002	82818	86632		917	91011	51	pr.	pr.s.pr.r.
Malin	980	73629	75038	16207	734//	53216	84818	81918	85641	980	43227	80258	15907	43500	03804	83920			980	9705	03		
Belmullet	976	53620	78028	20006	535//	52216	83920	83642		976	53213	78018	20906	535//	02202	83920	83642		976	9505	02		
Birr	965	23311	80030	16404	25600	51117	82633			965	73106	70021	19403	756//	00210	87630			965	9701	51		
Dublin	969	13212	80020	14602	15600	00225	81642			969	33011	83010	17202	35600	51111	82640	83650		969	9702	53		
Shannon	962	43511	82011	18104	45700	01220	84656			962	73308	65031	21204	756//	01311	82630	87645		962	9703	51		
Roches Point	952	23220	82010	16204	15602	01124	81643			952	53218	82031	19904	556//	01218	81640	85656		952	0003	01		
Valentia	953	70311	85258	19006	78500	02217	83823	87635		953	70112	81258	22106	785//	02214	84823	87635		953	0105	02		

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.															
O.W.S.	99L <sub>a</sub> L <sub>a</sub> L <sub>a</sub>	QcLoLoLoLo	YYGGiw	Nddff	VVwww	PPPTT	N <sub>h</sub> ChC <sub>M</sub> H	Dsvapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>a</sub> L <sub>a</sub> L <sub>a</sub>	QcLoLoLoLo	YYGGiw	Nddff	VVwww	PPPTT	N <sub>h</sub> ChC <sub>M</sub> H	Dsvapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>
C	99527	70355	22001	81514	97808	21009	894//	00716	////	////	00209	10832	3//08	////	C	99527	70355	22061	82009	97616	19110	8742/	00500	////	////	00310	10840	3//03	///08
L	99661	10010	22004	43013	97022	01901	24430	00711	////	////	06054	10686	30402	35905	L	99660	10009	22064	63306	97022	97601	12570	00719	////	////	06054	10689	30301	////
M	99466	70159	22004	33622	98020	24211	385//	00211	83820	////	0//05	11401	31010	////	M	99464	70156	22064	30120	98018	25610	32500	00111	83820	////	0//06	11379	31008	////
R															R														



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

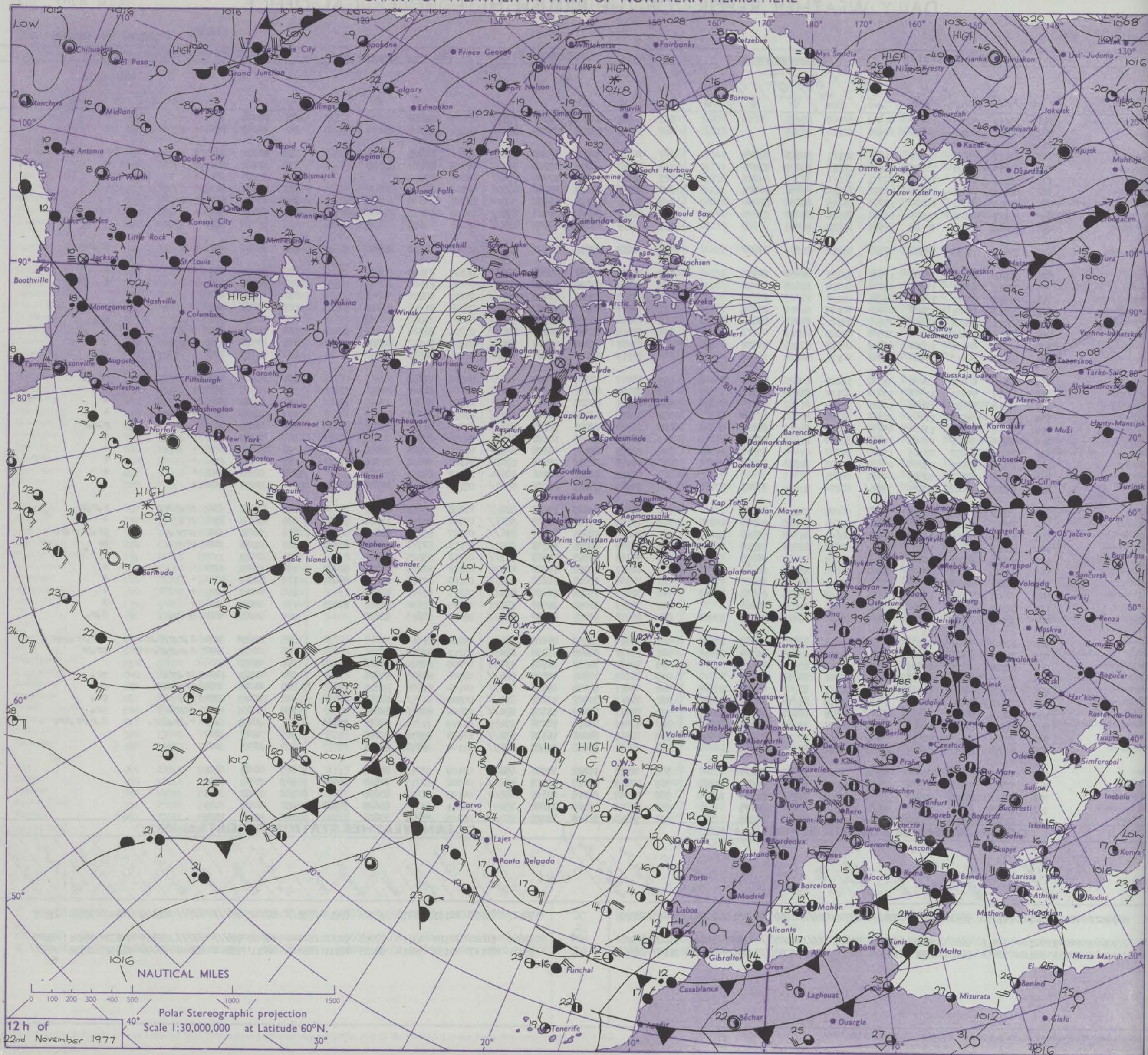
No. 42370

Date of Issue WEDNESDAY 23 NOVEMBER 1977

Code FM 11.V		OBSERVATIONS at 12h. 22 NOVEMBER 1977										OBSERVATIONS at 18h. 22 NOVEMBER 1977										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>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 x T x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	33114	80011	13905	00902	52109	83072			746	72911	70021	14805	755//	03209	87628			746	00061	045	+	+			
Hurn	862	33312	80021	14606	20931	52110	82365			862	72909	65011	15805	30932	04214	83360	86075		862	00071	044	+	+			
Manston	797	73117	68038	09505	11434	01121	81812	87075		797	72708	74022	11505	25478	01210	82618	87270		797	00051	029	+	+			
Gatwick	776	73210	80031	11803	20932	52013	82362	87075		776	72910	68032	13105	755//	01308	83620	85626		776	00061	035	+	+			
Kew	775	73213	75021	11805	15502	53112	81625	87075		775	72707	75022	13006	754//	02309	87619			775	00071	051	+	+			
Heathrow	772	63113	70031	12405	15732	52114	81650	86075		772	62810	72012	13405	65500	02308	86622			772	00071	051	+	+			
Honington	586	72915	80032	09404	15702	51115	81650	87070		586	72414	60212	10504	3563/	02308	83645	87362		586	91051	028	+	r.			
Wattisham	590	73121	75038	09303	15502	51117	81620	87075		590	82813	65212	10504	25517	02308	82622	85465	88270	590	97051	025	+	r.			
Gorleston	497	62920	66028	07105	62500	01220	86825			497	82712	60606	08805	856//	03208	88640			497		016					
Aberporth	502	73323	74258	16806	785//	03210	86820	87642		502	83018	58618	17807	854//	05312	81712	88622		502	01071	001	pr.	pr.r.r.			
Filton	628	72910	81031	15105	15751	51107	81650	86360		628	72911	60032	15706	755//	04309	83628	86645		628	00071	028	+	+			
Rhoose	715	73010	80031	16006	55602	01010	81635	85650		715	53012	68018	16306	25532	05308	81620	84362		715	97071	036	pr.	+			
Hartland Point	703	63515	80021	17707	58531	01118	82825	85635		703	83530	80022	18008	815//	05207	88820			703	00080	012					
Mount Batten	827	63513	86031	17407	28402	00120	81816	85070		827	73009	60808	18407	784//	05208	81715	84818	87636	827	95081	054	pr.	pr.			
St. Mawgan	817	73611	56808	18906	784//	03121	82710	84816	86640	817	73416	80808	19707	785//	05209	86820			817	02081	001	phrpr	pr.			
Scilly	804	53618	82028	20008	52500	01220	85820			804	73318	82022	21608	785//	03212	86820			804	97091	013	pr.	+			
Culdrose	809	60244	65808	18807	69400	03218	83916	83820		809	73411	56808	20306	784//	05311	81712	86818		809	03072	021	pr.	pr.			
Guernsey	894	53618	82012	15907	42502	00118	84822			894	73315	82022	18207	785//	02216	86821	87650		894	97081	027	+	pr.			
Elmdon	534	63016	65031	12406	48572	52202	82820	83640	85072	534	73017	62028	13107	764//	04309	87712			534	91071	035	pr.	pr.r.			
Cardington	559	73114	70031	11505	15732	52112	81650	87078		559	72710	61032	12204	25638	03309	82640	85363	87272	559	00071	052	+	+			
Wittering	462	72916	78031	10604	10936	52009	81362	87275		462	62711	62032	11305	60952	03308	86362			462	00061	030	+	+			
Watnall	354	72911	58051	11205	30948	52003	83360	87270		354	73010	60032	11606	7097/	03210	83360	87363		354	00071	033	+	+			
Shawbury	414	82808	75601	13306	6547/	03002	86617	88360		414	72910	72606	14107	754//	05211	81713	85617	86645	414	01071	011	r.r.	r.r.			
Finningley	360	73014	70021	09906	15608	52000	81640	87275		360	52912	60021	10506	40931	03306	84362			360	00070	043	+	+			
Spurn Point	396	73020	75038	08405	15575	51207	81620	85360	87075	396	62718	68031	09306	2557/	03211	82625	86360		396			+	+			
Leeming	257	72814	84021	09705	28578	01102	81820	85464	87272	257	73013	82032	10107	15636	04307	81630	85362	87275	257	00081	014	+	+			
Tynemouth	262	52813	69022	08505	40944	00602	84360			262	42711	69021	08906	40934	03308	84358			262	00071	047	+	+			
Carlisle	222	72807	81022	10805	3557/	03704	81624	83645	87460	222	82910	75022	10907	6567/	05105	86630	87360	88462	222	00071	000	+	+			
Valley	302	73120	72808	15207	784//	06205	84816	87623		302	83119	72218	15808	854//	07208	85615	88618		302	03091	000	pr.r.r.r.	r.r.r.			
Ringway	334	73110	60021	12505	48536	01204	81820	84645	87270	334	73109	65022	12807	5543/	05312	84714	85640	87360	334	97081	016	pr.	+			
Squires Gate	318	83116	65808	12307	784/	06601	81712	85816	88270	318	83216	70608	12909	856//	07207	85630	88656		318	91091	001	prpr.	pr.r.r.r.			
Ronaldsway	204	83017	60628	13807	6242/	05802	83712	85816	88459	204	73022	70258	14708	7843/	05112	82712	84816	85620	204	01081	000	pr-r	pr			
Mull of Galloway	131	83525	80031	13407	885//	07004	85820	86630		131	83525	84618	14107	885//	07312	85825	88630		131	02081						
Eskdalemuir	162	82820	84021	09805	5572/	01605	85650	88462		162	62923	80012	10406	48576	02208	82820	83364	86070	162	00061	000	+	+			
Prestwick	135	73316	81022	11908	7552/	05301	82621	84627	87640	135	73326	75022	12208	35432	05108	82616	853									

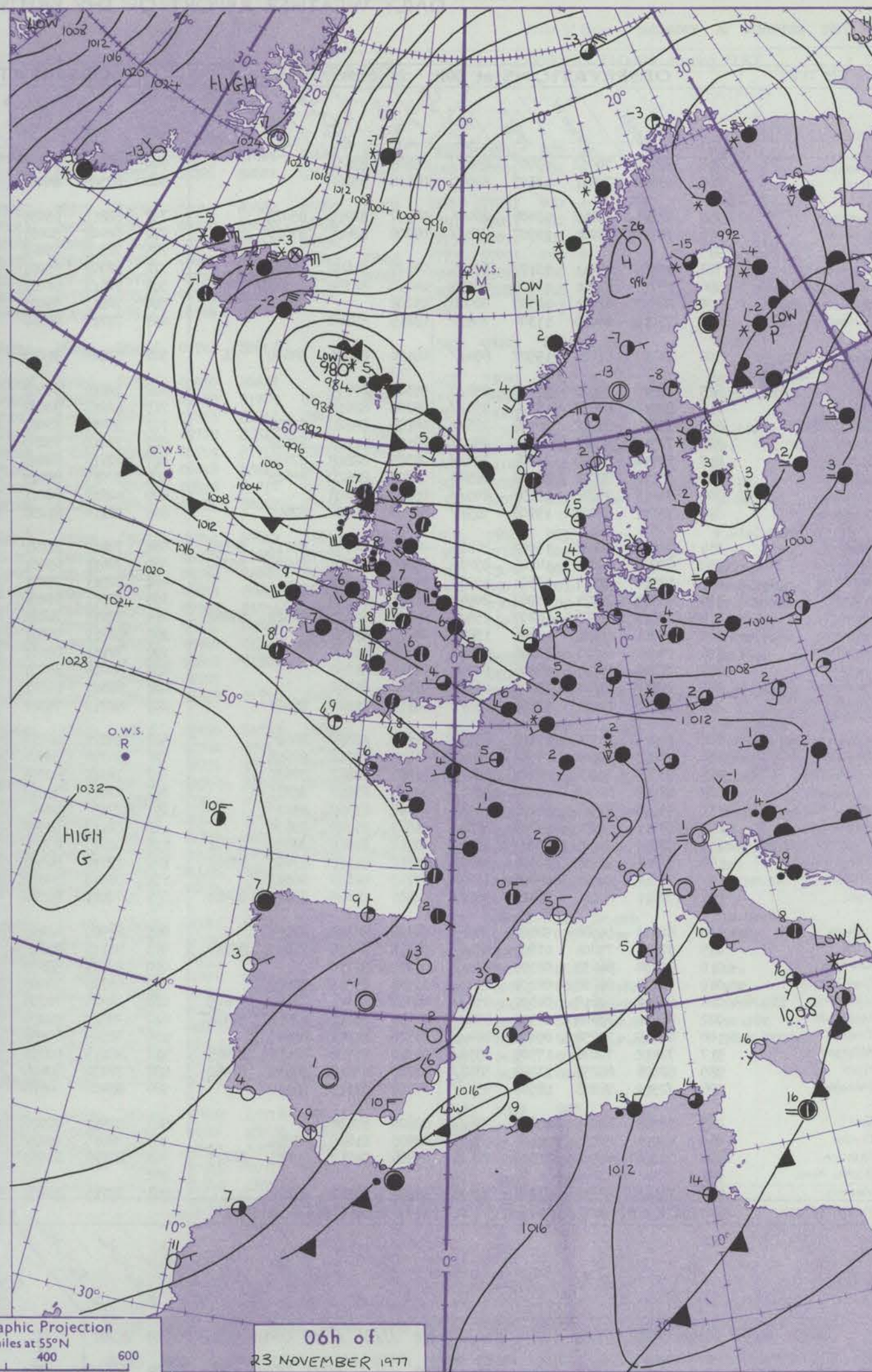
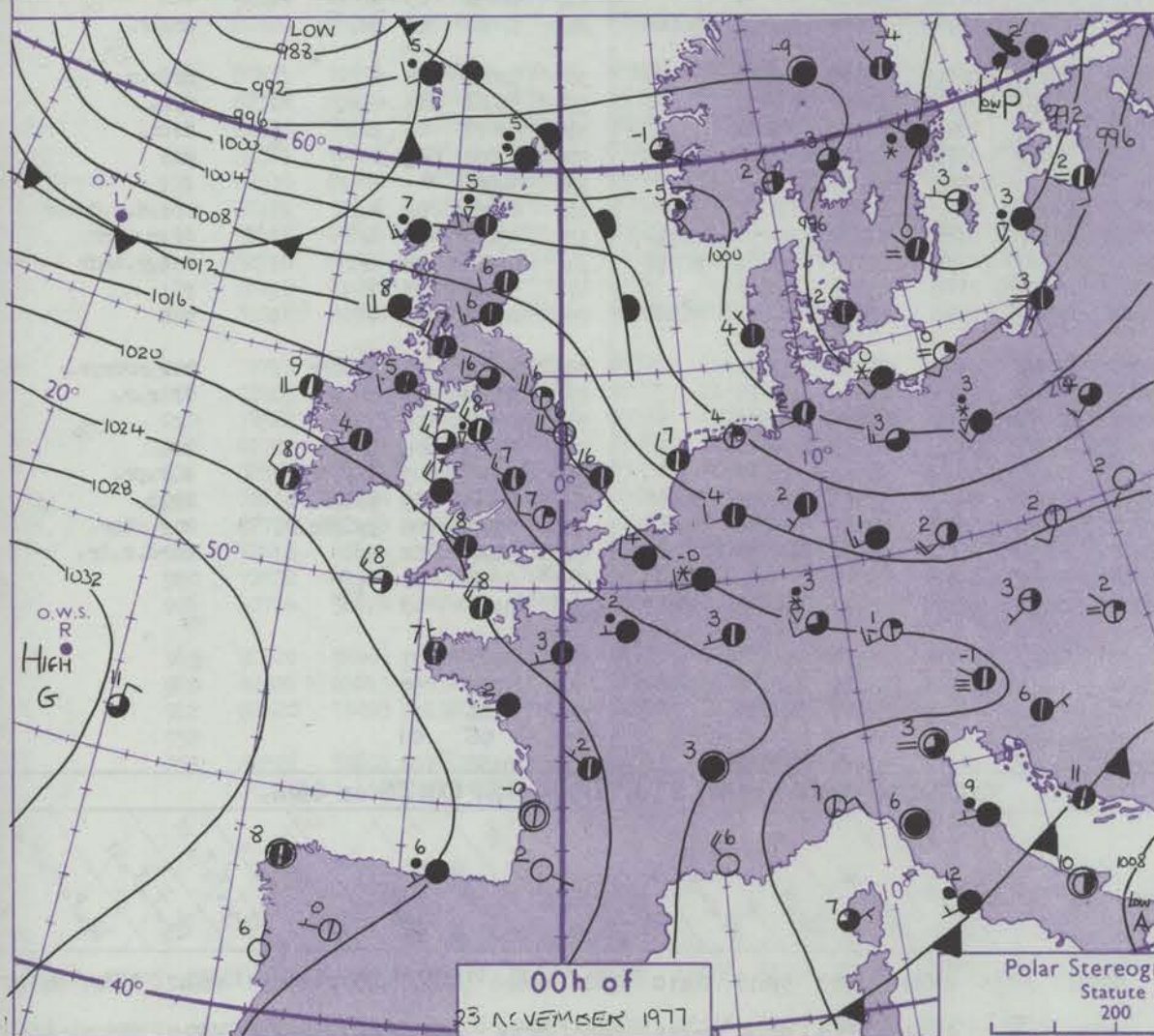
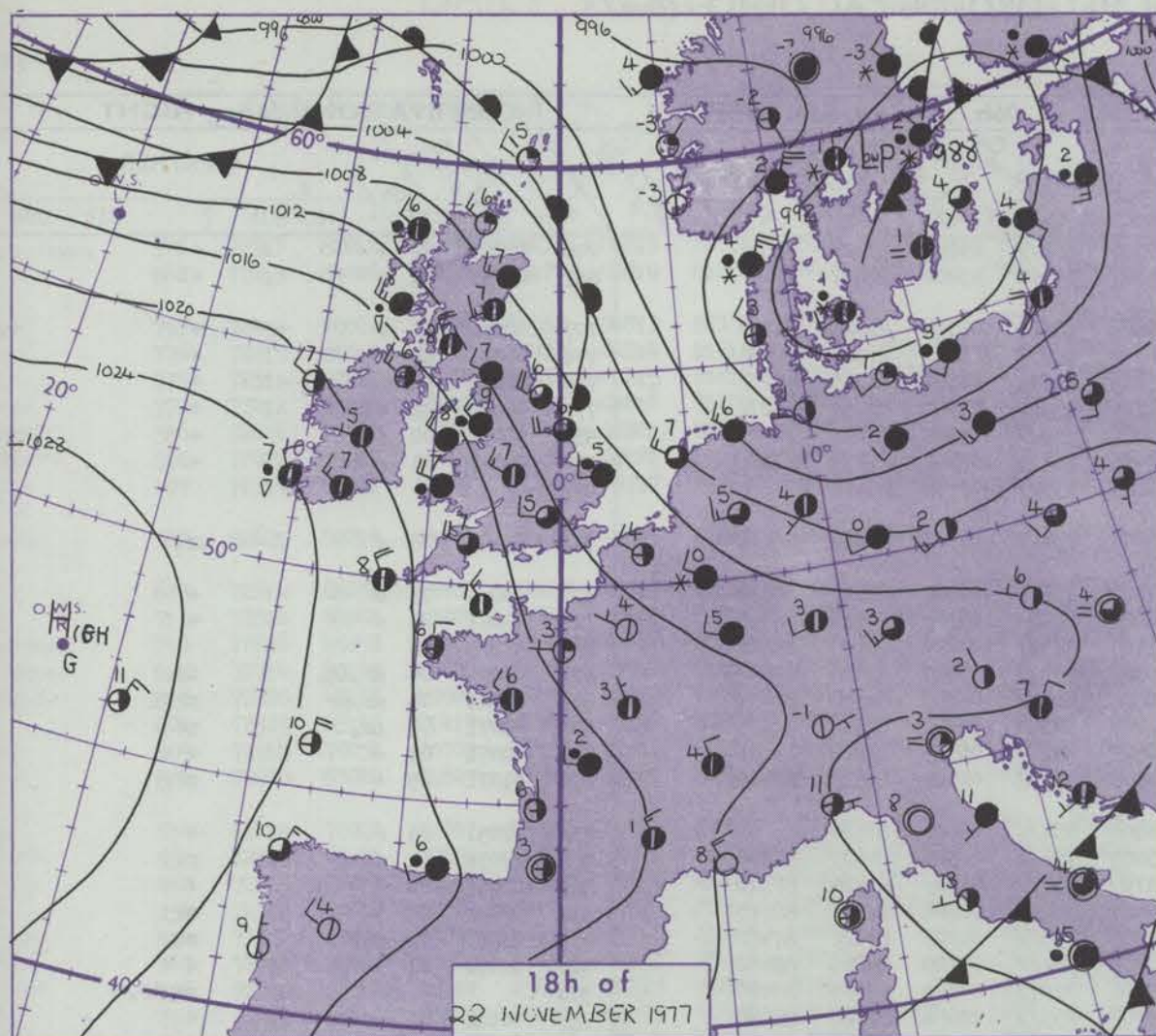


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 anticyclone to the west of Ireland moved steadily south as a deep low developed in the Denmark Strait and subsequently moved east across Iceland. A low over Denmark moved steadily northeast and the strong northerly flow over the British Isles decreased and backed northwesterly. During the next 24 hours the low to the west of Iceland is expected

to move southeast into the northern North Sea, and the associated cold front will sweep quickly south to leave all parts of the British Isles in a strong northwesterly airstream. The anticyclone between the Azores and Spain will continue to move steadily southeast, and a further high will develop over eastern Greenland.

Issued at midday WEDNESDAY 23 NOVEMBER 1977



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

OBSERVATIONS at 00h. 23 NOVEMBER 1977										OBSERVATIONS at 06h. 23 NOVEMBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwwW	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	VVwwwW	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	RRRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	82910	70032	17005	856//	05208	88630			746	82509	70021	17305	855//	03201	83626	88645		746	00051	01 +		+	
Hurn	862	53010	70031	17507	50930	05206	85362			862	62508	80021	18307	65600	05204	86647			862	00051	03 +		+	
Manston	797	62813	70012	13406	26402	04107	82710	85072		797	52811	65031	14905	25504	04308	82624	84072		797	00041	01 +		+	
Gatwick	776	72810	68021	14907	754//	04208	82616	87620		776	62407	80031	16304	10932	03205	81362	86075		776	00031	51 +		+	
Kew	775									775	72505	75022	15605	10942	03303	81365	87072		775	00051	51 +		+	
Heathrow	772	32809	70011	15107	35530	04107	81620	83630		772	62707	65021	16104	15834	03500	81657	86072		772	00031	52 +		+	
Honington	586	12713	42101	12504	10930	04210	81359			586	72613	60031	13405	755//	04302	87623			586	00031	02 +		+	
Wattisham	590	02815	62011	12305	00900	03208				590	72815	58031	13405	15771	04302	81656	87360		590	00041	01 +		+	
Gorleston	497	73010	66026	11306	7097//	03215	87360			497	72712	66022	12305	755//	03104	87625			497					
Aberporth	502	83218	81026	19507	854//	05106	85616	88630		502	82824	81032	18007	854//	05708	86616	88630		502	97061	05 +		pr.	
Filton	628	72810	70022	17707	756//	05307	87639			628	72814	65032	17307	755//	04804	82625	87630		628	00061	03 +		+	
Rhoose	715	82812	80022	18507	854//	05308	88616			715	82812	80042	18006	2843//	03706	81816	88359		715	00061	04 +		+	
Hartland Point	703	73213	84022	20108	785//	04108	84820	87632		703	83415	83022	19108	885//	04709	83825	88641		703	97071	06			
Mount Batten	827	73312	80028	20308	784//	06107	81815	87632		827	72710	75205	20507	756//	05000	83638	87647		827	97071	04 pr.id.		id.	
St. Mawgan	817	73314	82028	21608	784//	04305	82818	87634		817	63114	80028	20808	684//	04705	81818	86630		817	01061	04 pr.pr		pr.	
Scilly	804	53116	82012	23308	58500	03208	82820	85628		804	33017	80018	22209	32500	04707	83820			804	93071	05 pr.		pr	
Culdrose	809	83211	80028	22008	855//	05207	88628			809	42811	80011	28607	48500	05704	82822			809	00051	03 +		+	
Guernsey	894	73217	82028	19908	785//	05304	85820	87640		894	73116	81258	20908	785//	04307	85822	87640		894	91071	05 +		pr.	
Elmdon	534	73014	70026	15007	5633//	04208	82709	85712	86359	534	72610	81021	14806	756//	02503	87634			534	97051	03 r.		+	
Cardington	559	62708	60012	14105	55431	05309	84715	84626	85360	559	72611	65031	15005	756//	04303	84631	87648		559	97031	01 +		r.	
Wittering	462	12914	62011	13506	10930	04212	81362			462	72511	75021	13705	5557//	03801	85620	87360		462	00051	02 +		+	
Watnall	354	22909	70021	13907	20940	03211	82359			354	72511	65201	13406	754//	03802	81711	87615		354	97051	02 +		d.	
Shawbury	414	72913	72026	16207	755//	05108	81620	84625	87642	414	72615	72022	14906	755//	04708	83622	87650		414	01051	03 r.r		r.	
Finningley	360	12911	68021	12606	15800	04210	81657			360	82711	70031	11707	854//	03709	84618	88650		360	00051	01 +		+	
Spurn Point	396	12818	66021	10906	15640	04210	81635			396	72112	68031	10606	30971	04710	83360	87075		396		+		pr.ir.	
Leeming	257	22607	86031	12206	10941	02311	81359			257	82614	84031	09907	855//	03613	82620	88640		257	00051	01 +		+	
Tynemouth	262	42814	81021	10805	40930	03102	84360			262	82511	81021	07707	8097//	04720	88358			262	00051	03 +		+	
Carlisle	222	62710	80031	12506	685//	04104	81820	86627		222	82719	75028	08007	7547//	05729	83617	85621	86640		222	97061	02 pr.		pr.ir.
Valley	302	63015	80026	17607	684//	06107	82815	86626		302	82720	80032	14608	854//	06717	85617	88640		302	92071	04 +		pr.r.r.	
Ringway	334	72913	62602	15107	754//	06209	84710	87618		334	82714	57506	13606	854//	05707	85712	88640		334	93061	05 r.r.		r.d.	
Squires Gate	318	73017	70806	14608	784//	07005	84817	87630		318	72720	80808	11808	6851	06817	83820	85640		318	91071	06 pr.		pr.r.	
Ronaldsway	204	62919	82022	15707	3244//	04003	83817	85363		204	72621	81252	11507	784//	05724	81713	83817	87628		204	91071	05 +		pr
Mull of Galloway	131	33015	82016	14206	10931	04704	81360	83070		131	82725	82028	09607	855//	05831	88625			131	94062				
Eskdalemuir	162	72716	80031	11705	5853//	01003	81820	85650		162	82115	58597	07005	873//	04829	86707	88712		162	02051	02 r.r.		r.s.d.r.drr.r	
Prestwick	135	73019	70021	12007	3553//	03814	81620	83650	87362	135	82623	65586	06308	873//	07836	82708	84710	88716		135	03071	05 ir.		ir.r.r.r.r
Abbotsinch	140	72811	82031	10906	35472	03612	81618	83640	87362	140	82516	56586	03908	6542//	07739	81710	85622	88458		140	02061	04 ir.		r.d.r.ir.d
Leuchars	171	72517	84021	08006	25772	02708	82650	86362		171	82218	80602	01307	2547//	03746	81713	88360		171	97051	03 +		r.	
Dyce	091	72511	80026	06406	3557//	02807	81625	83640	86464	091	72011	80026	99005	2567//	02746	82640	84358	86360		091	02051	03 +		r.R
Lerwick	005	82603	65588	98805	3551//	04818	83622	88459		005	81909	62216	90805	853//	05745	85708	88625		005	11032	01 d.r.r		r.r.r.drr	
Wick	075	72611	75808	03505	6843//	04722	84818	85640	87360	075	82115	75618	94106	855//	05753	84620	88635		075	03051	03 pr.ir.		ir.r.r.	
Sule Skerry	010	82334	66638	02307	87																			

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

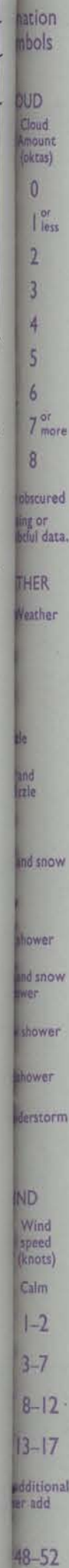
ISSN 0307-2541

Date of Issue THURSDAY 24 NOVEMBER 1977

No. 42371

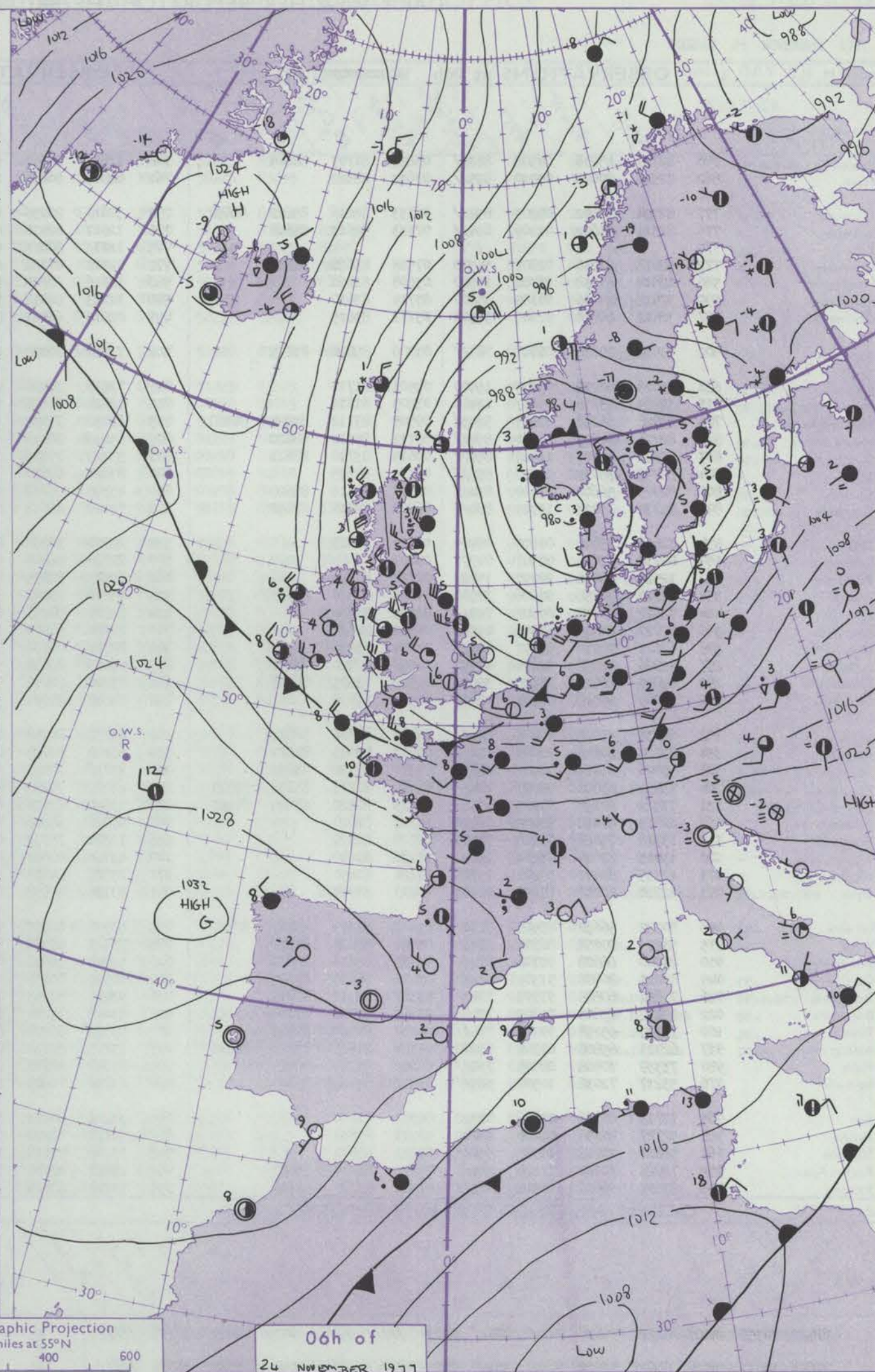
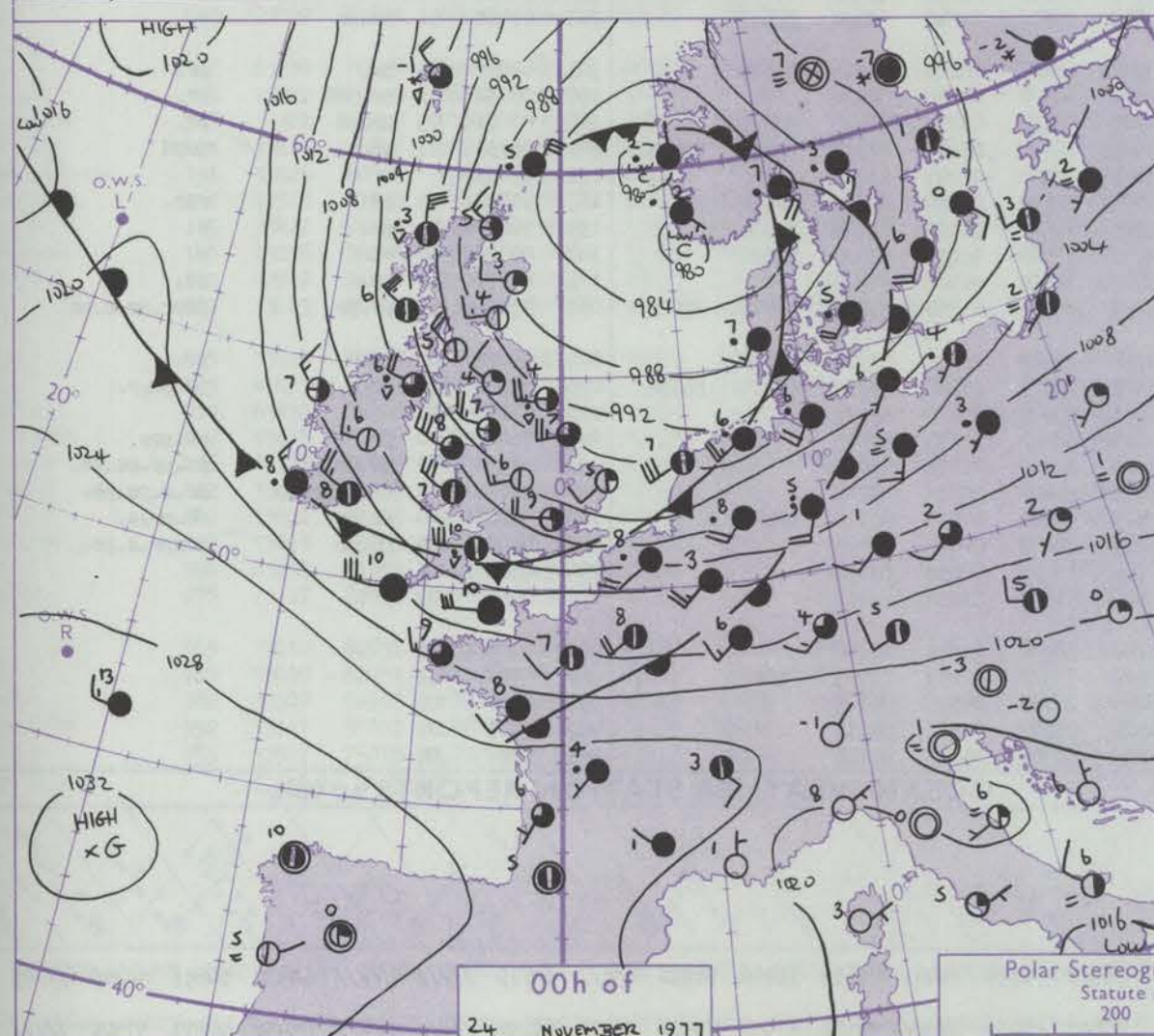
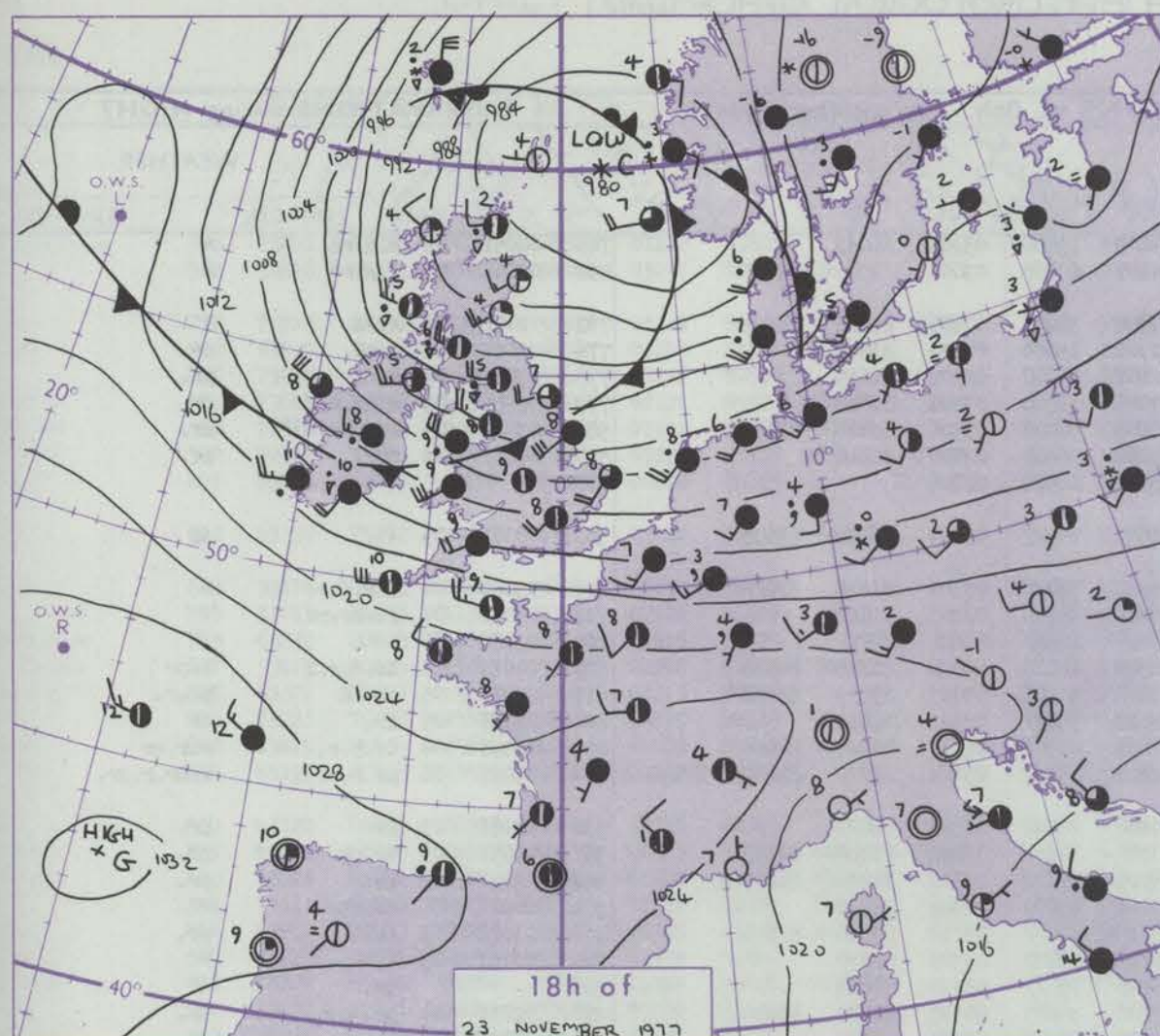
OBSERVATIONS at 12h. 23 NOVEMBER 1977										OBSERVATIONS at 18h. 23 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	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>	iii	RRT T E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	72513	82012	16007	21432	05815	82816	85365	87072	746	72518	80028	10107	5847/	05730	81815	84656	87360	746	91081	002	pr.	r.ir.	
Hurn	862	72413	84026	17509	68476	05810	81818	86625	85465	862	82415	80016	12409	4552/	05726	82622	83650	86460	862	97091	004	r.	d.r.	
Manston	797	72414	70022	14208	60952	04813	82358	85360		797	62319	75012	08308	35532	04732	83622	85360	85072	797	97081	010	+	r.	
Gatwick	776	72315	80012	15307	28478	04814	81818	86359	87270	776	72419	75012	09908	6551/	05726	83620	86626		776	97081	001	+	r.	
Kew	775	72311	80022	14508	11438	03815	81818	86357	87272	775	72315	80022	08008	754//	05733	83619	86656		775	97091	002	+	r.	
Heathrow	772	72412	80022	14908	58538	04816	81823	85657	86270	772	72318	81022	08808	7552/	05831	83623	86640	87462	772	97091	000	+	r.r.	
Honington	586	72416	75022	11607	28408	03821	81816	87272		586	82325	75036	03608	7547/	03735	82616	86626	88460	586	97091	006	r.	+	
Wattisham	590	72422	75022	11607	48432	05821	82815	83656	87075	590	72225	80022	04707	755//	04739	82626	87656		590	97081	012	+	r.	
Gorleston	497	72314	62022	10907	21572	03717	82825	84358	85075	497	62120	66012	02708	655//	03744	86625			497		003			
Aberporth	502	82621	80218	14208	4847/	06825	81815	84622	88462	502	82534	64216	06609	854//	07743	88617			502	03101	000	pr.ir.	ir.R	
Filton	628	72614	68252	15408	3847/	05818	82818	87466		628	72722	65808	08509	6253/	06836	86822			628	93091	001	pr.	pr.d.r.d.r.dr	
Rhoose	715	72516	68808	15409	48478	05821	83818	85362	87272	715	82625	65608	09209	4531/	07630	81709	83616	88460	715	06092	001	pr.	r.r.r.r.r.r.	
Hartland Point	703	72826	85258	17309	7847/	06617	83818	87630		703	82832	70022	11610	844//	07725	83812	88635		703	93102	001			
Mount Batten	827	72714	80255	19609	38478	07812	81815	83640	86360	827	72723	63258	14809	7853/	07725	82822	84650	85360	827	97101	005	pr.	pr.id.	
St. Mawgan	817	72820	60258	19909	68431	06812	82712	84815	85630	817	72725	65028	15609	784//	06719	81710	83815	87624	817	01101	004	pr.pr	pr.	
Scilly	804	72825	65158	21410	48506	05810	83820	87275		804	72732	70028	17710	784//	06718	83817	86626		804	94101	019	pr	pr	
Culdrose	809	72914	70258	20709	58436	07810	81710	84818	87270	809	72716	65028	16709	38478	07815	81710	83630	87270	809	92101	005	pr.	ir.pr.	
Guernsey	894	72820	83028	21809	78522	03801	82820	86645		894	72827	78028	18009	584/2	05721	84817	83650	86075	894	02091	001	pr.pr	pr.pr	
Elmdon	534	72414	70022	11707	784//	04824	82815	87620		534	72428	68216	03209	6547/	04742	82618	85650	87360	534	05091	003	r.	r.r.ir.r.Rrr.	
Cardington	559	82517	68036	12608	11577	04721	81820	83360	88272	559	72424	64012	04408	4563/	05743	84630	87359		559	97101	002	+	ir.	
Wittering	462	72425	82032	10407	1857/	04824	81820	84360	87465	462	62425	80601	02108	2555/	05740	82620	86359		462	03092	004	+	ir.r.r.	
Watnall	354	72312	70032	09207	5847/	04824	83814	85628	85359	354	72424	65606	00008	6547/	06643	86617	86360		354	05091	001	r.r.	ir.r.r.ph.r.	
Shawbury	414	72522	80026	10209	784/2	06835	84815	86630		414	82324	70618	01609	7542/	07744	83711	86613	88459	414	03091	002	pr.	pr.r.r.r.Rrr	
Finningley	360	72416	80012	07408	55438	04829	85618	87275		360	82522	65622	97708	5547/	06638	85617	88460		360	06091	006	+	r.r	
Spurn Point	396	72419	64018	06607	2567/	04737	82630	87360		396	82328	70218	97308	4557/	05748	81720	84630	88360	396			ir.	ir.r.r.r.	
Leeming	257	72319	75212	03609	65522	05835	86620	83460	87070	257	12719	82216	95808	18500	03613	81820			257	05091	008	r.	Rr.r.pr	
Tynemouth	262	72514	66028	99509	3557/	05746	83620	87358		262	02618	81026	93406	00900	02725				262	02091	001	pr.r.r.r	rr	
Carlisle	222	82522	68216	99309	854//	07855	81710	83714	88618	222	72818	62806	95205	794//	03515	81710	83915	86640	222	09092	000	ir.r.r.r.R	r.pr.pRpr	
Valley	302	82431	70208	09209	854//	07832	87614	88650		302	83028	56656	02509	853//	07520	84709	88618		302	04111	000	r.r.ir.	ir.1R.r.	
Ringway	334	82318	65605	08607	854//	05831	81710	85618	88640	334	82522	59636	99009	7642/	07748	87713	88458		334	11092	000	r.r.r	r.r.Rrr.pr	
Squires Gate	318	82429	58638	06208	853//	08838	83708	86712	88620	318	72926	60216	98308	783//	06726	83709	87635		318	14091	000	ir.r.r.R	Rrr.	
Ronaldsway	204	82527	70212	04609	854//	07735	81712	84714	88618	204	52930	82036	99308	58500	02610	82826	84640		204	04101	000	r.r.Rr	rr.pr.	
Mull of Galloway	131	82535	81038	00709	6852/	07749	83820	84625	88460	131	42930	82016	97406	48500	03714	83825			131	01101				
Eskdalemuir	162	82121	50656	97807	872//	06744	88705			162	62414	70258	93804	694//	01613	82918	84820		162	16071	000	rrr.RRpr.	pr.pr	
Prestwick	135	72618	63606	98309	754//	07843	81710	83618	87640	135	72927	62808	93506	684//	02717	81712	83820	85635	135	04091	009	ir.r.r.	pr.	
Abbotsinch	140	52816	68256	96308	38462	05726	82817	83360		140	73020	50878	92105	793//	01604	82708	84916	86625	140	06091	018	d.r.r.Rrr.ph	ph.r.pr.pr.s.	
Leuchars	171	22418	81016	93008	15580	03731	81620			171	22523	82028	88104	28500	01618	83825			171	03091	029	r.Rr.pr.	pr.	
Dyce	091	32514	82028	91207	38580	02641	81820	83650		091	32515	84030	85204	15633	50625	81630			091	95081	048	Rphrr.r	pr.pr.s.</	







# 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 north of Scotland moved southeast towards Denmark, while an associated cold front moved southeast across the British Isles. Pressure has remained high west of Iceland and west of Spain. During the next 24 hours the depression near Denmark will

continue moving southeast, filling slowly. The anticyclone near Iceland will move steadily southeast, while that near Spain will move south, giving a strong northerly airflow across the British Isles.

Issued at midday THURSDAY 24 NOVEMBER 1977



## No.

CON	F	Co
34	16	
32	14	
30	12	
29	11	
27	9	
25	7	
13	5	
11	3	
10	1	
8	0	
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## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42372

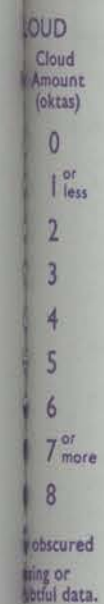
Date of Issue FRIDAY 25 NOVEMBER 1977

Code FM II.V	OBSERVATIONS at 12h. 24 NOVEMBER 1977										OBSERVATIONS at 18h. 24 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> Ch <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>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> Ch <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>	iii	RRT	T <sub>E</sub>	SSs	WEATHER		
																							09h.—15h.	15h. — 21h.	
Boscombe Down	746	23021	82020	08107	28500	01210	81825			746	33114	82018	12702	35700	51225	83650			746	01073	072	jp	pr.s.phs		
Hurn	862	52816	80031	09707	58400	03217	82818	84625		862	32914	80038	13403	35600	50223	83635			862	97081	062	pr.	+		
Manston	797	72915	81251	03907	38571	03119	82820	83650	86459	797	53220	80258	07704	38431	53324	81818			797	97071	013	pr.ir.	ir.pr.		
Gatwick	776	63019	82028	06108	68500	02215	83828	86634		776	33112	80038	10003	38500	51327	81825	83645		776	97081	034	pr.	+		
Kew	775	73214	82028	06007	786/1	00218	87630			775	63010	70038	09904	685//	51224	82825	86640		775	91081	030	pr.	+		
Heathrow	772	73018	82038	06507	785//	02121	85825	87650		772	62914	75038	10704	685//	50226	81825	86650		772	91081	033	pr.s.	+		
Honington	586	72918	82258	02606	784//	02122	83818	87628		586	72916	81028	07503	785//	54125	82828	87634		586	91071	002	pr.pr	+		
Wattisham	590	72922	75808	02406	784//	03223	81818	85627	87650	590	33017	81038	07102	38500	54223	81820			590	01061	000	pr.ph.r.	+		
Gorleston	497	83024	66036	00307	855//	00224	88625			497	82916	64026	05204	855//	52219	88620			497		002				
Aberporth	502	63330	75272	12805	634//	01124	81915	86820		502	73329	80038	16105	785//	51226	83822	86633		502	97061	005	ph.ph.r.	ph.		
Filton	628	33116	82011	09807	38500	00012	81820			628	13112	70018	13903	18500	51223	81825			628	97071	016	+	pr.		
Rhoose	715	33019	66258	11305	29531	02121	81820	82924		715	13010	68028	14801	19400	00320	81915			715	01071	051	pr.ph.pr.s.	pr.pr.s.pr.		
Hartland Point	703	63230	80028	13707	62500	01215	86825			703	63529	82038	17006	64500	53320	85825			703	97090	016				
Mount Batten	827	53423	80158	13609	53460	02206	81915	84825		827	43313	70251	16906	49500	01219	81920			827	97091	055	jp	pr.		
St. Mawgan	817	63321	80028	15607	62500	01212	86826			817	23420	82258	18106	24500	01219	81826			817	91081	031	pr.	pr.		
Scilly	804	63223	75258	17808	58400	04215	84819			804	33222	80031	20208	38400	00215	82819			804	92091	047	pr.	+		
Culdrose	809	43419	75038	15609	42500	04008	84820			809	43516	80018	18506	43400	01218	82915			809	93091	049	pr.	pr.		
Guernsey	894	43129	80018	13509	48502	02110	83825			894	53225	81018	15706	58500	54115	83822	83640		894	91091	023	pr.	pr.ph.		
Elmdon	534	43122	80038	06306	48500	52116	83825			534	73114	66251	11103	744//	52328	81714	85820		534	97061	042	+	pr.		
Cardington	559	63021	66028	04807	48572	00121	83825	84635	85362	559	43012	80018	09802	48500	52330	82820	83635		559	97071	014	pr.	+		
Wittering	462	73025	83251	04005	68462	01125	81818	86640		462	63013	80038	09303	656//	53227	86645			462	97073	008	pr.	+		
Watnall	354	73111	80038	05105	785//	50227	82825	86650		354	73111	80031	09803	757//	53223	87656			354	97061	019	pr.	+		
Shawbury	414	62914	70808	08005	69400	02117	81915	85823		414	33013	78028	12303	33400	00225	81914	83822		414	97061	028	pr.	+		
Finningley	360	33219	82011	04105	38500	51135	82820			360	13111	82011	09103	15600	52227	81640			360	00071	025	+	+		
Spurn Point	396	73227	81021	01506	785//	01240	83820	87630		396	42923	75018	06405	15670	51224	81630	84360		396			ps.	+		
Leeming	257	33223	82021	04404	33500	55129	81920			257	13120	80011	08903	15640	53225	81640			257	00061	049	+	+		
Tynemouth	262	73226	69026	02703	65671	50241	86630			262	53220	69021	07704	25670	52225	82630	85358		262	91051	010	+	pr.		
Carlisle	222	23009	81021	06004	18402	51131	81818			222	13109	81020	11502	15600	51337	81630			222	00051	062	+	+		
Valley	302	63330	80038	11405	685//	00221	86824			302	63225	80038	14906	625//	02221	86820			302	91071	032	pr.	pr.		
Ringway	334	23321	80018	06105	28500	52019	81820			334	13510	75020	11603	12540	52330	81825			334	91061	035	pr.	+		
Squires Gate	318	33321	82028	07605	38500	02231	83825			318	13514	80011	12205	18500	01230	81825			318	97061	051	pr.	jp		
Ronaldsway	204	73129	25878	10202	792//	01226	82703	87912		204	33314	82018	14205	32400	01229	83817			204	08061	009	phpr.s.	phpr.s.		
Mull of Galloway	131	53525	80858	09603	52500	01222	85820			131	33625	80018	13504	39400	00231	81910			131	01051					
Eskdalemuir	162	12926	81018	05102	18540	55112	81820			162	13023	84020	11103	15600	55336	81645			162	00031	060	+	+		
Prestwick	135	33422	81151	08204	39500	53120	81920	83825		135	13312	82020	14202	14540	51242	81620			135	00041	035	+	+		
Abbotsinch	140	23216	84030	06905	18531	53218	81822			140	13008	84020	13104	18500	53243	81825			140	00053	068	+	+		
Leuchars	171	42819	86018	03703	11532	53023	81825	83075		171	22911	86010	10204	28500	52240	81825			171	00061	039	+	+		
Dyce	091	73025	70158	01803	58534	51231	82820	84628	86070	091	63320	75258	08505	68400	01240	82818	85630		091	02051	000	pr.pr.s.ph.r.	ph.r.pr.pr.s		
Lerwick	005	53625	70158	99905	58402	01245	83812	83625		005	43622	70258	08704	49300	02247	82908			005	92051	033	+	pr.		
Wick	075	43421	75258	03004	39460	03227	81712	82915		075	43521	75038	12005	28460	02246	81815			075	92061	030	pr.	pr.		
Sule Skerry	010	63430	74808	05307	53531	05225	85920			010	63427	72018	14706	655//	05249	86620			010	92071					
Cape Wrath	049	53618	80808	06704	43401	02230	82915			049	40518	80808	14306	43500	01237	84920			049	93071					

OCEAN WEATHER STATION REPORTS at 12h.			
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## Abbreviations



## ATHER

### 50 Weather

and  
fizzle

shower  
sand snow  
flower  
show shower  
shower  
understorm

Wind speed (knots)  
Calm  
1-2  
3-7  
8-12  
13-17  
Additional  
tar add  
48-52



# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
ymbols

LOUD  
Cloud  
Amount  
(oktas)

0  
1 or less  
2  
3  
4  
5  
6  
7 or more  
8

Obscured  
by fog or  
other data.

OTHER  
Weather

Time

and  
fizzle

and snow

shower

and snow  
faster

shower

shower

understorm

WIND

Wind  
speed  
(knots)

Calm

1-2

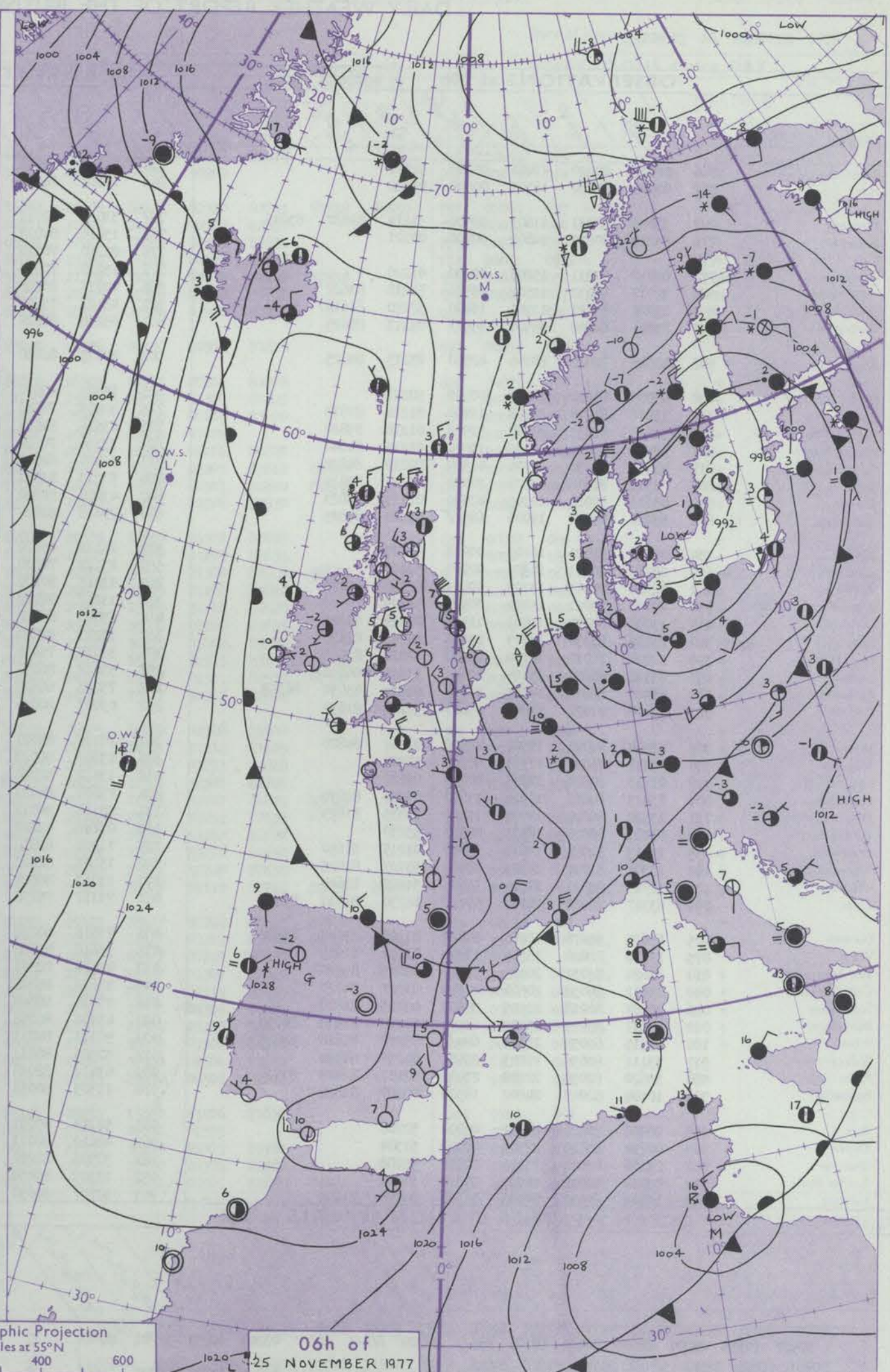
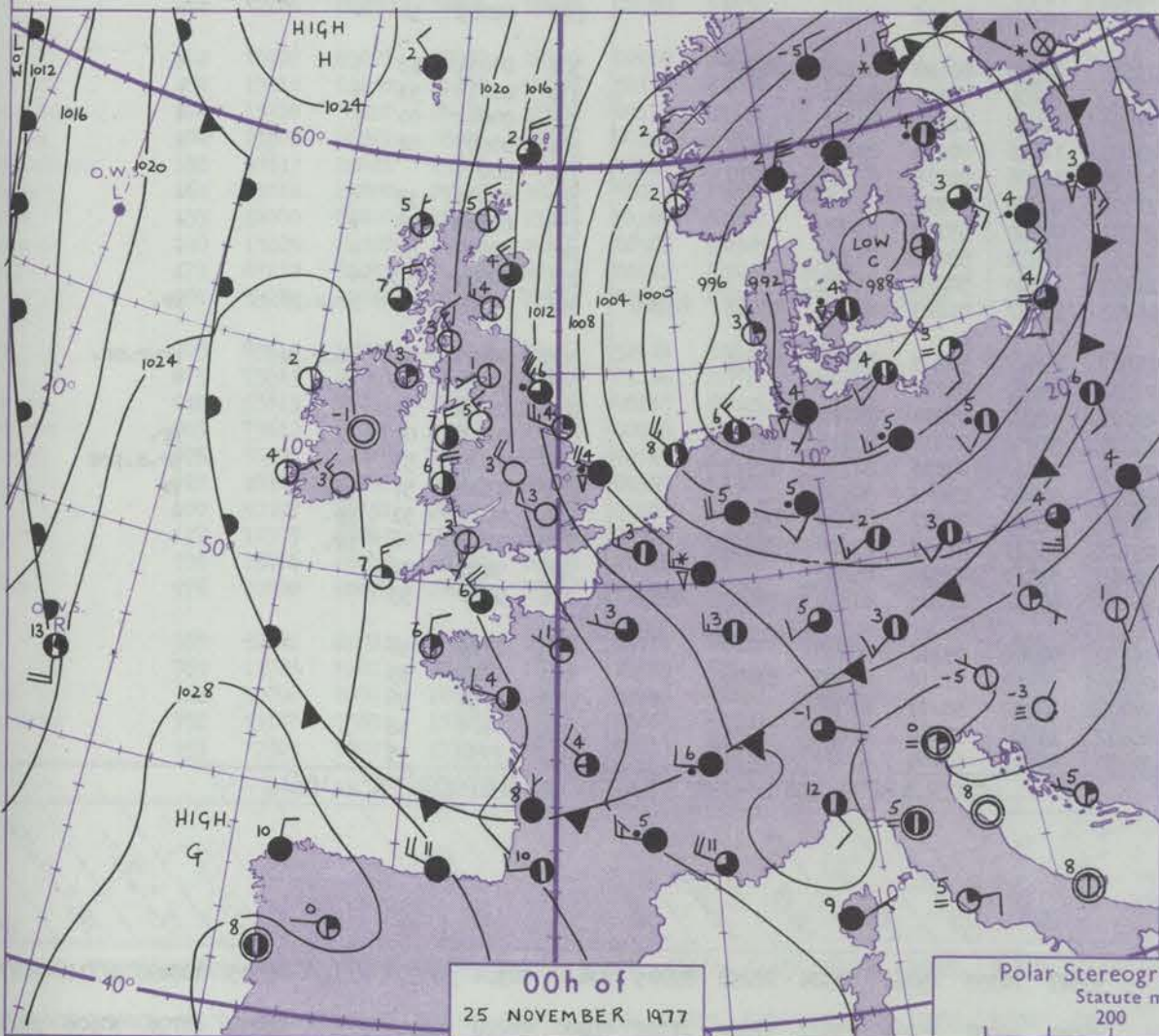
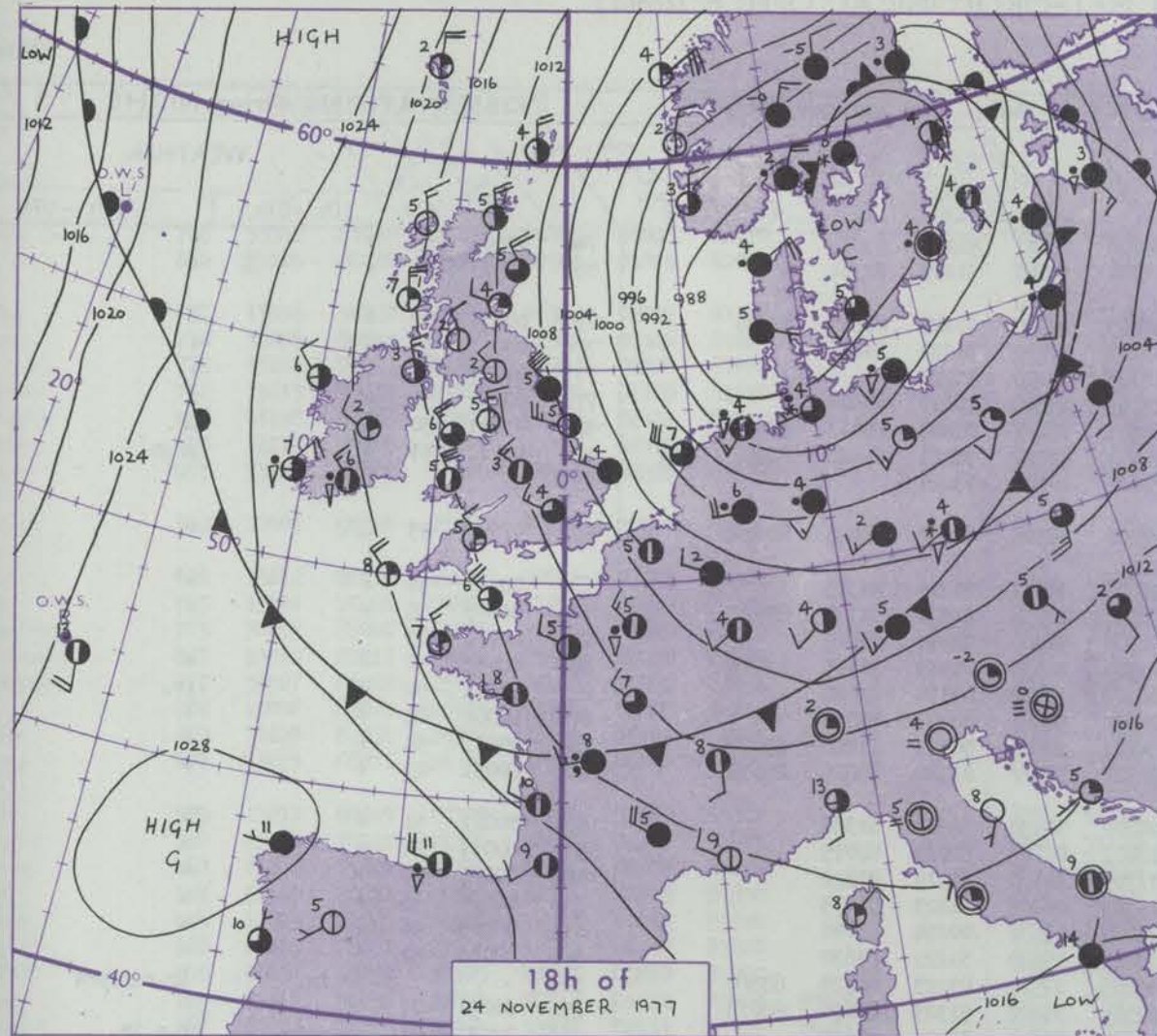
3-7

8-12

13-17

Additional  
data add

48-52



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 the low over southern Scandinavia moved slowly eastwards and continued to fill. A belt of high pressure persisted over the eastern Atlantic from Iceland to Spain. During the next 24 hours the same pressure pattern will persist, the low pressure

moving into the Baltic and the high pressure belt over the eastern Atlantic moving only slowly east.

Issued at midday FRIDAY 25 NOVEMBER 1977



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

OBSERVATIONS at 00h. 25 NOVEMBER 1977										OBSERVATIONS at 06h. 25 NOVEMBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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> H	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	02910	80020	17401	00900	51221				746	13110	80030	20700	00901	51220	81075			746	00503	55	+	+	
Hurn	862	02808	80020	18102	00900	01222				862	13107	80020	21201	10940	51219	81364			862	00513	55	+	+	
Manston	797	33020	82031	11603	38500	51214	81822	83645		797	33021	82011	15403	38530	00223	81820	83650		797	00031	02	+	+	
Gatwick	776	03212	80020	14802	00900	00221				776	13010	80010	18203	15700	51220	81656			776	00021	51	+	+	
Kew	775									775	03210	70010	18103	00900	51220				775	00021	51	+	+	
Heathrow	772	02912	70011	15203	00900	01220				772	13210	70020	18703	15600	50219	81640			772	00021	51	+	+	
Honington	586	32917	80031	11502	35500	51218	83627			586	72917	80258	15503	784//	00225	84813	87620		586	92011	50	pr.	pr.	
Wattisham	590	13020	65021	11201	15400	52220	81618			590	43121	75258	14702	45500	50221	82622	83640		590	01011	51	+	pr.s.	
Gorleston	497	83021	64808	08504	855//	01213	88625			497	03218	66028	12606	00900	03224				497					
Aberporth	502	43518	82018	20106	42500	03215	84825			502	40115	82030	23206	48500	02220	83825	83656		502	97051	03	pr.	+	
Filton	628	03009	80020	18303	00900	50221				628	13604	80020	21802	10931	00219	81365			628	00013	54	+	+	
Rhoose	715	13010	81028	19103	11400	01216	81815			715	52803	78031	22801	10934	51321	81360	85072		715	00003	55	+	+	
Hartland Point	703	53628	82031	20807	52500	01216	85820			703	73515	84021	22908	74400	04211	86815			703	00070	03			
Mount Batten	827	13306	70020	21105	15600	01215	81640			827	33106	70020	23304	10931	01315	81365	83075		827	00031	52	+	+	
St. Mawgan	817	43415	86030	21706	42500	00212	84829			817	33409	82011	24005	18502	02310	81820			817	97041	50	+	pr.	
Scilly	804	23516	82010	23607	22400	00224	82819			804	53213	83031	24507	58400	00304	84819			804	00060	02	+	+	
Culdrose	809	43612	80028	22305	42500	01115	84823			809	43608	80030	24103	18501	00307	81820	83070		809	00011	54	+	+	
Guernsey	894	63221	83038	19906	685//	51314	85825			894	73418	82022	22507	785//	01320	85825	85635		894	00051	03	+	+	
Elmdon	534	03119	65021	16103	00900	52223				534	13112	65020	20202	10930	52223	81360			534	00021	51	+	+	
Cardington	559	03117	80021	14303	00900	52222				559	23112	70030	18402	00902	51222	82075			559	00011	51	+	+	
Wittering	462	12916	70011	13703	00901	52224	81075			462	13015	80030	17703	18500	51219	81822			462	00023	50	+	+	
Watnall	354	03109	70021	15402	00900	52225				354	13212	70030	19303	00902	51223	81075			354	00023	53	+	+	
Shawbury	414	13008	80030	17803	11540	00223	81825			414	23006	80020	21902	15632	00224	81640			414	00513	56	+	+	
Finningley	360	23215	82030	14403	25500	52228	82628			360	13213	82020	18403	15640	51222	81630			360	00031	51	+	+	
Spurn Point	396	22924	70018	10704	25500	02222	82625			396	33019	75038	15605	22570	03223	82820	83360		396			pr.ir.	ir.r.r.pr.s	
Leeming	257	63118	86031	15105	656//	51232	86632			257	53418	86031	19304	35602	51323	83630	83075		257	00031	01	+	+	
Tynemouth	262	63418	80818	14705	3367//	01238	83930	86358		262	73218	66608	18604	756//	02219	87630			262	02031	01	pr.pr.sir.	r.r.ir.	
Carlisle	222	12406	81020	17801	15600	51226	81630			222	03007	80020	22002	00900	51326				222	00003	57	+	+	
Valley	302	43514	81021	19507	48500	01219	84820			302	70110	83021	23105	18532	00120	81825	85359		302	00031	53	+	+	
Ringway	334	03412	75020	17303	00900	50224				334	13205	80020	21703	15700	50327	81650			334	00013	53	+	+	
Squires Gate	318	03315	80020	17805	00900	02222				318	13412	82020	22005	10940	02226	81360			318	00041	00	+	+	
Ronaldsway	204	13413	84020	19906	11600	00224	81830			204	73608	84021	23503	11636	00219	81830	86075		204	00023	52	+	+	
Mull of Galloway	131	13520	86020	19905	15500	03335	81625			131	50116	84012	23504	12506	02215	81820	85070		131	00031				
Eskdalemuir	162	03120	80020	18303	00900	53230				162	03008	82020	21903	00900	54218				162	00011	52	+	+	
Prestwick	135	13413	82020	19603	15700	01219	81650			135	11302	82010	23852	00902	53317	81075			135	00543	58	+	+	
Abbotsinch	140	13307	82010	19303	18500	53127	81825			140	13107	82020	23302	10932	53220	81362			140	00523	57	+	+	
Leuchars	171	12915	86021	17104	15600	51228	81640			171	13013	86020	21503	18500	50224	81825			171	00021	52	+	+	
Dyce	091	63317	70268	16204	694//	01230	81910	83818		091	73117	75258	20203	734//	01223	81910	83818	85640	091	02021	00	pr.s.pr.ph	pr.	
Lerwick	005	63620	65278	15002	694//	01226	83910	83812		005	73516	60278	19503	794//	50223	82912	85637		005	96021	51	ph.r.pr.	ph.r.pr.	
Wick	075	13516	82028	18205	13400	01224	81915			075	33618	83028	21904	22460	01219	82816			075	97031	00	pr.	+	
Sule Skerry	010	53624	81031	20107	52500	03223	85820			010	43426	72801	23706	43500	03221	84920			010	91030	01			
Cape Wrath	049	43612	84038	20606	42500	01227	84820			049	53610	84808	23505	58400	01213	83815	85620		049	01031	02	pr.	pr	

## Code FM 21.V OCEAN WEATHER STATION REPORTS at 00h.



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42373

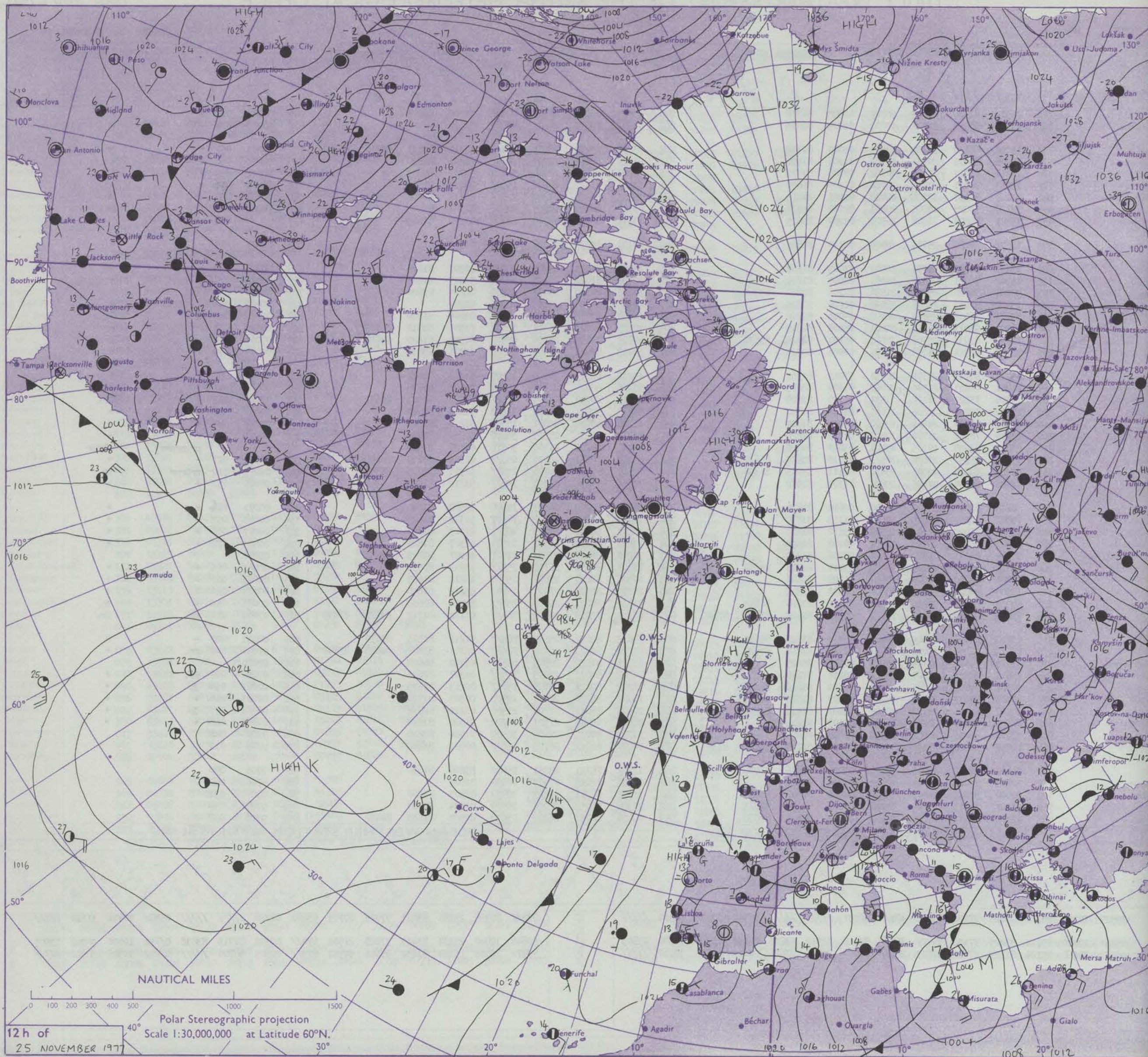
Date of Issue SATURDAY 26 NOVEMBER 1977

Code FM II.V	OBSERVATIONS at 12h. 25 NOVEMBER 1977										OBSERVATIONS at 18h. 25 NOVEMBER 1977										OBSERVATIONS during DAY				
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 T E	Sss	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	33312	81030	23205	00909	01008	82170			746	23008	65010	24501	00901	51208	82075				746	00063	075	+	+	
Hurn	862	33214	80030	23207	00901	01005	82075			862	03302	70010	24501	00900	50209				862	00073	074	+	+		
Manston	797	13016	66020	18605	16439	02009	81712			797	63116	75038	20005	684//	02310	82711	83818	85650	797	97061	057	+	pr.		
Gatwick	776	33208	80011	20907	11502	01106	81826			776	23109	62011	22304	24601	00309	82630			776	00071	050	+	+		
Kew	775	13211	70011	21006	00902	00106	81072			775	53209	65031	22604	55600	50309	85635			775	00071	059	+	+		
Heathrow	772	13213	70011	21706	15702	01106	81650			772	13109	62021	23204	15601	00210	81630			772	00071	055	+	+		
Honington	586	43118	80031	18806	42402	02108	84815			586	73113	56808	21204	723//	03213	84706	87810		586	01061	052	pr.	pr.		
Wattisham	590	33120	70028	18205	22401	02110	82817			590	63118	60258	20303	62300	02109	86808			590	94061	057	pr.	pr.		
Gorleston	497	33321	66808	16308	38500	02209	83825			497	13514	66018	18706	12500	01210	81825			497		030				
Aberporth	502	10602	86020	25906	18500	02110	81825			502	20109	85020	26306	28530	00306	81825			502	00071	074	+	+		
Filton	628	23612	80030	24007	10942	01003	81362			628	13404	65010	25303	00901	00309	81078			628	00073	075	+	+		
Rhoose	715	13502	70021	24807	11501	01009	81825			715	23202	81020	25803	18501	51309	81825			715	00073	077	+	+		
Hartland Point	703	30208	89020	25307	21530	02109	82820	83360		703	33615	89010	25407	31500	00205	83820			703	00080	057				
Mount Batten	827	13510	82011	24808	18500	02004	81825			827	00105	80010	25605	00900	01209				827	00093	061	+	+		
St. Mawgan	817	33507	86018	25608	28402	05006	82814			817	10405	82010	26005	18500	02206	81820			817	92091	049	pr.	+		
Scilly	804	20000	83011	26511	21401	03008	82819			804	50105	82021	26207	32431	03305	83818	84360		804	00110	042	+	+		
Culdrose	809	70109	82031	25908	78502	05104	83825	85630		809	40705	70258	26206	48500	04305	81820	84628		809	97091	030	+	pr.		
Guernsey	894	43413	86011	24308	32501	00004	83825			894	33412	83021	24406	31600	01306	83830			894	00081	066	+	+		
Elmdon	534	13210	64010	23305	10931	51012	81362			534	13210	62040	24503	15500	51308	81628			534	00061	056	+	+		
Cardington	559	23214	70021	21306	00902	01109	82075			559	53116	60021	22703	55600	01208	85635			559	00061	057	+	+		
Wittering	462	23316	75021	21105	11531	01109	81820			462	63216	70028	22705	685//	01309	82825	86632		462	97061	063	+	pr.		
Watnall	354	23310	70031	22606	11631	01213	81830			354	53410	59021	24003	55600	51208	85640			354	00061	046	+	+		
Shawbury	414	13313	81020	24506	12500	01212	81824			414	13306	68020	25801	15500	51210	81620			414	00071	069	+	+		
Finningley	360	23415	78021	21706	12502	01113	81820			360	33312	70031	23305	35600	50210	83635			360	00061	042	+	+		
Spurn Point	396	53021	63258	19105	49541	03010	84920			396	43417	68278	21106	39570	03109	83920			396		pr.prpr		phprpr		
Leeming	257	73317	86031	22605	785//	01110	83820	85630		257	63312	80021	25005	656//	02315	83630	86640		257	00071	027	+	+		
Tynemouth	262	63222	69026	22005	3353//	02111	83925	86358		262	73518	61028	24106	2357//	02311	82925	87358		262	02071	019	rrrpr	pr		
Carlisle	222	12706	80030	24405	15600	01109	81630			222	73509	75031	26104	756//	51212	87642			222	00061	057	+	+		
Valley	302	10108	83021	25807	18500	02010	81825			302	10406	82020	26503	15600	02308	81640			302	00091	066	+	+		
Ringway	334	13312	62030	24205	14600	51113	81830			334	13406	62021	26202	14501	51312	81625			334	00051	057	+	+		
Squires Gate	318	13314	75020	24407	18500	03110	81825			318	13608	58040	25805	18501	01213	81828			318	00071	068	+	+		
Ronaldsway	204	13609	86021	25508	12531	00109	81828			204	13606	84010	26701	12501	52307	81828			204	00083	072	+	+		
Mull of Galloway	131	10112	83021	25707	11500	03206	81820			131	30210	86031	27005	11501	52207	81825	83075		131	00071					
Eskdalemuir	162	33214	81030	24705	38400	53112	81818	83650		162	73407	80031	26702	756//	53213	87633			162	00051	066	+	+		
Prestwick	135	10000	61040	26504	15601	51108	81640			135	10506	64020	27602	15500	51212	81625			135	00063	067	+	+		
Abbotsinch	140	13205	84020	26205	18501	00308	81825			140	10109	82020	27401	15701	53212	81650			140	00073	066	+	+		
Leuchars	171	63210	86031	24406	685//	00112	81820	86645		171	73010	84021	26204	756//	52210	87635			171	00061	042	+	+		
Dyce	091	73212	80028	23504	785//	00212	81820	83630	87640	091	73310	75028	25503	784//	01112	81712	83826	87635	091	97051	001	pr.	pr.		
Lerwick	005	83410	82028	22903	884//	52114	81818	88635		005	73412	82022	25102	784//	51212	81815	87630		005	00031	000	+	+		
Wick	075	73615	81251	25405	784//	01114	82814	87628		075	73612	82022	26904	785//	01211	81820	84628	87642	075	97051	000	pr.	+		
Sule Skerry	010	53613	74011	27305	55500	00213	85625			010	63609	81022	28305	655//	01210	86620			010	00070					
Cape Wrath	049	73612	82028	27305	755//	00216	87620			049	70506	84022	27905	755//	01307	87625			049	97050	002	pr.	+		
Stornoway	026	50308	84018	27705	48430	02111	81818	84630		026	73202	82021	28605												

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>b</sub> L <sub>c</sub>	Q <sub>c</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub>	Y Y G G i w	N d d f f	V V w w w V	P P P T T	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> s a p p	8 N <sub>5</sub> C <sub>h</sub> s <sub>h</sub> s	8 N <sub>5</sub> C <sub>h</sub> s <sub>h</sub> s	O 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>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>														



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
mbols

DUD  
Cloud  
Amount  
(oktas)

0  
1 or less  
2  
3  
4  
5  
6  
7 or more  
8

Obscured  
by or  
partial data.

WHER  
Weather

WHE  
Wind  
Force

Wind snow

Shower

Wind snow  
Shower

Shower

Shower

Thunderstorm

WIND

Wind  
speed  
(knots)

Calm

1-2

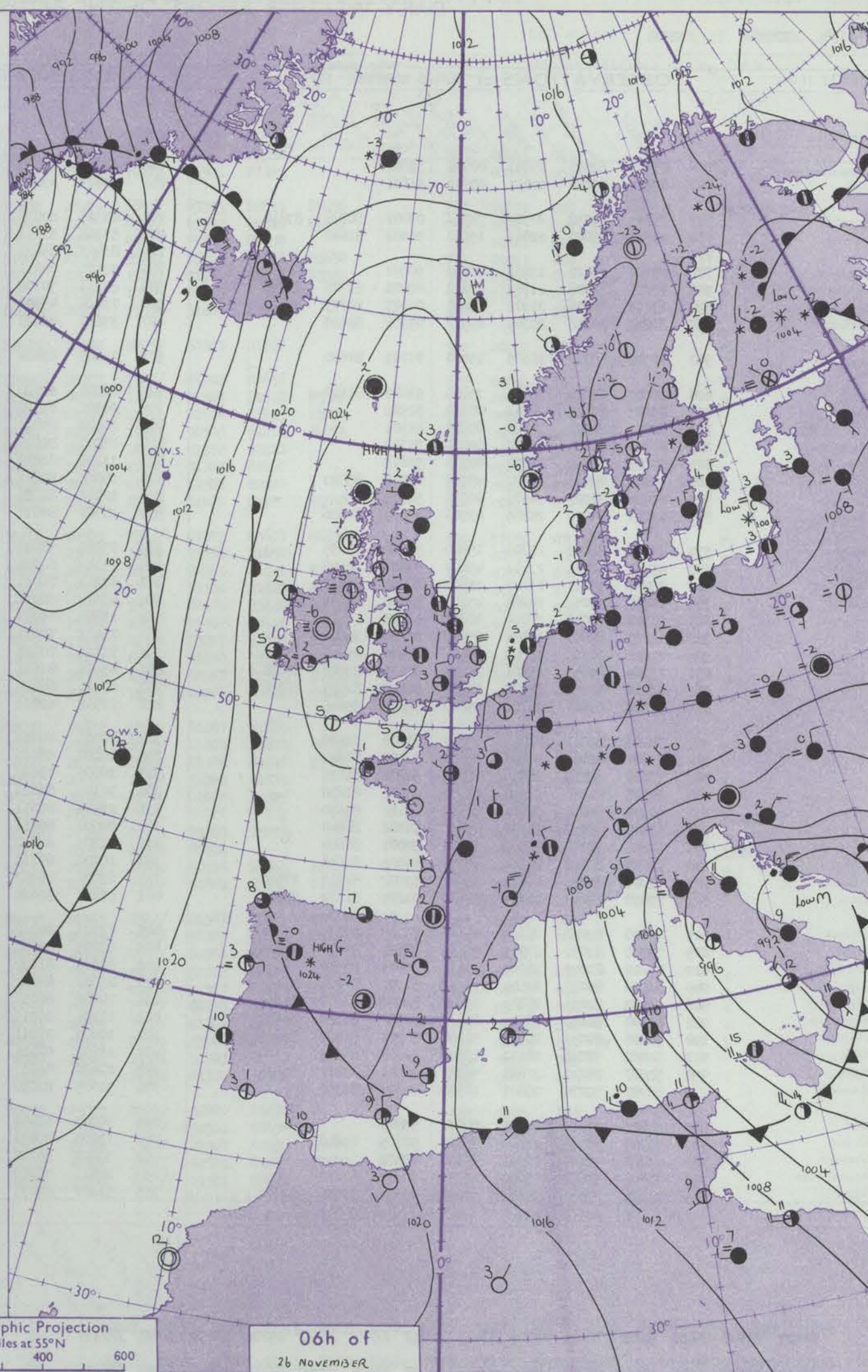
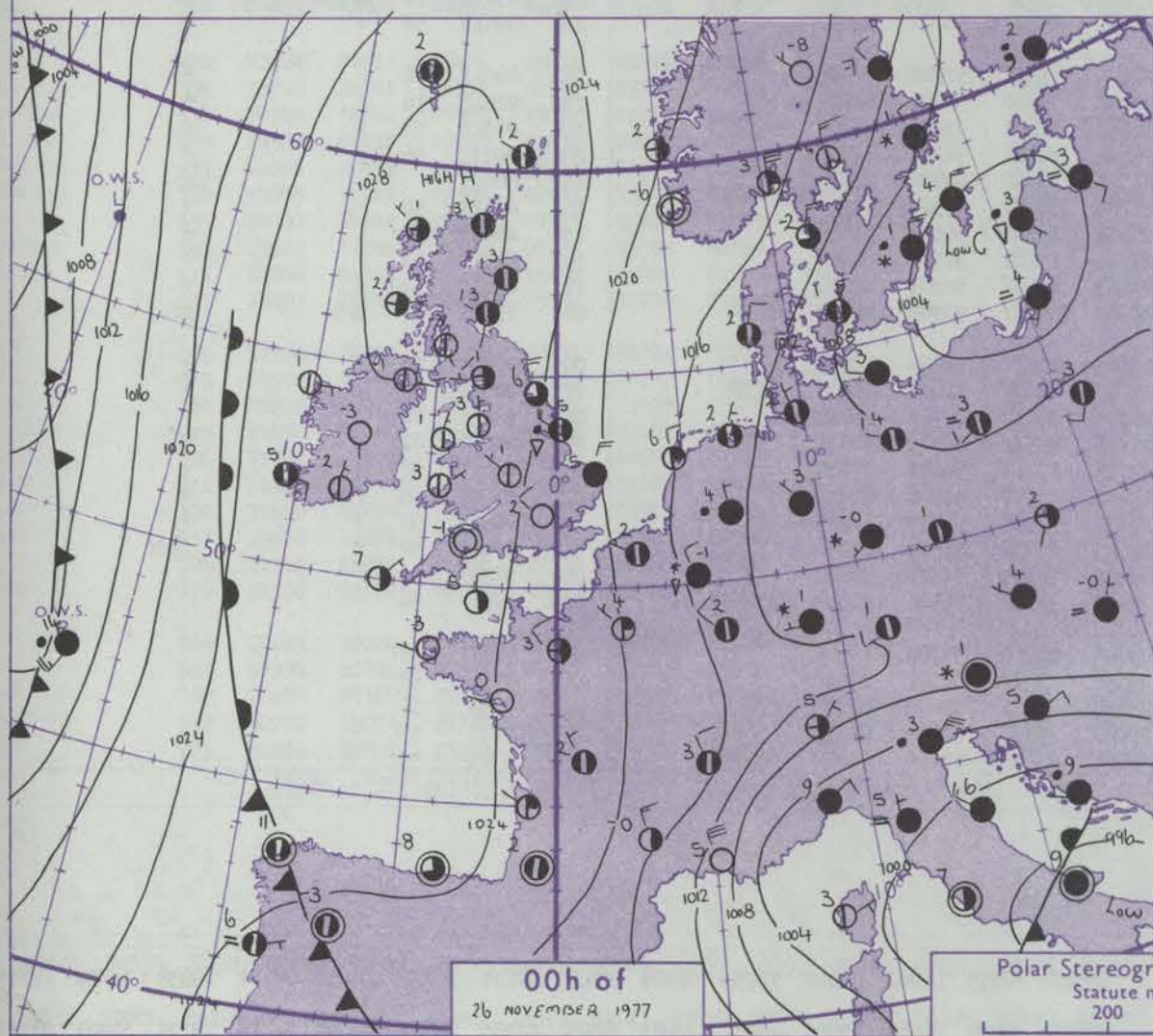
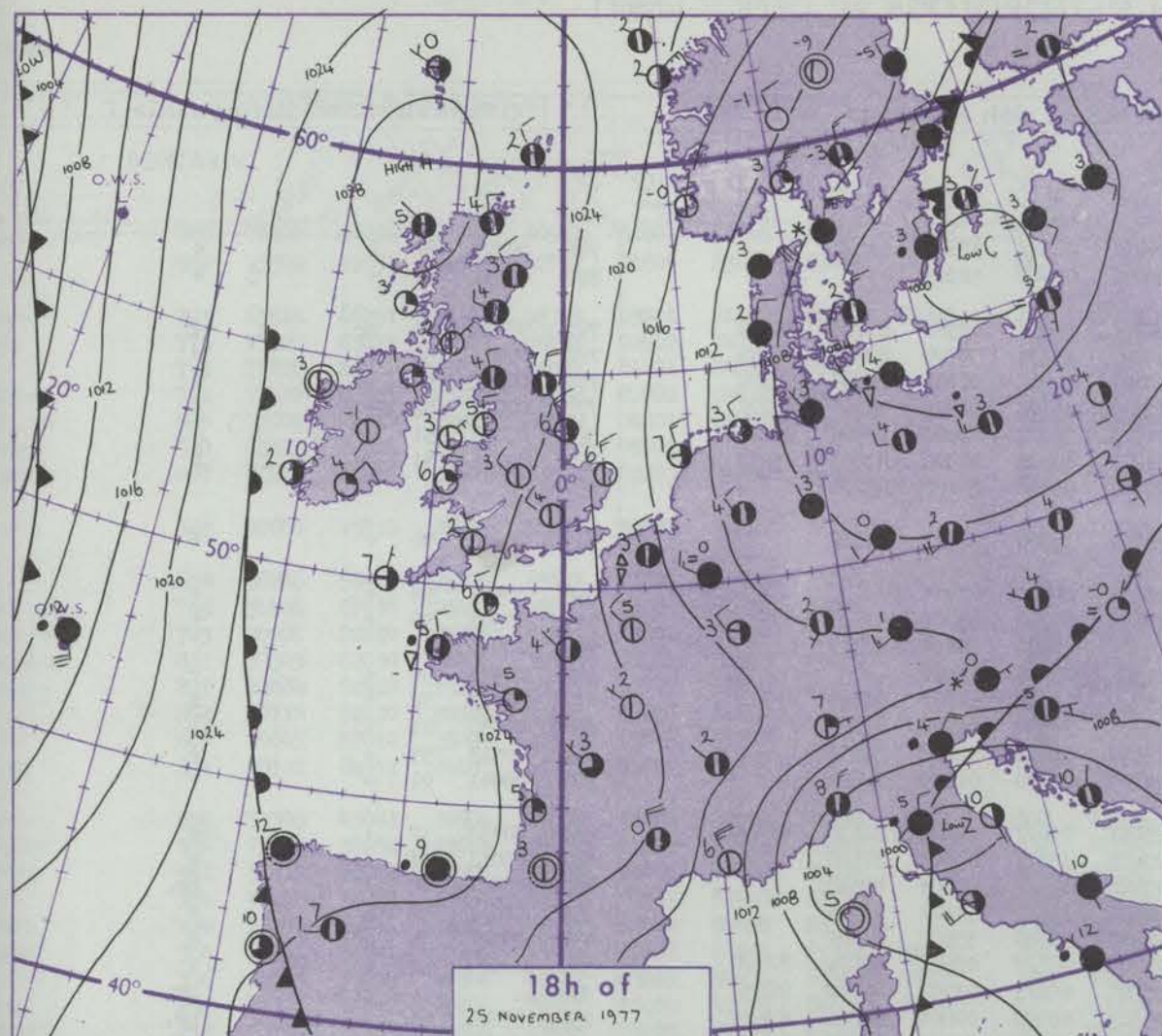
3-7

8-12

13-17

Additional  
over add

48-52



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

## GENERAL SYNOPTIC DEVELOPMENT

A belt of high pressure west of Ireland moved slowly east during the past 24 hours and extended from the Faeroes to Biscay by the end of the period. Winds became light in the west and the strong northerly flow in the east moderated markedly. The high pressure belt

is expected to remain nearly stationary during the next 24 hours with light winds in the west and north and moderate northerlies in the southeast.

Issued at midday SATURDAY 26 NOVEMBER 1977



## No.

Code	Description	Unit	Rate	Amount	Total	Code	
						St	Code
	Bo						
	Hu						
	Ma						
	Ga						
	Ke						
	He						
	Ho						
	W						
	Go						
	Ab						
	Fi						
	Rh						
	Ha						
	Mo						
	St						
	Sc						
	Cu						
	Gu						
	El						
	Ca						
	W						
	W						
	Sh						
	Fi						
	Sp						
	Le						
	Ty						
	Ca						
	Val						
	Ri						
	Sq						
	Ro						
	Mo						
	Es						
	Pr						
	Al						
	Le						
	Dy						
	Le						
	W						
	Su						
	Ca						
	St						
	Be						
	Tr						
	Al						
	Ma						
	Be						
	Bi						
	D						
	Sh						
	R						
	V						
	Code						
	O.V						
	C						
	L						
	M						
	R						

H.M.S.O. Press, Met.O., Brocknol

All time:



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

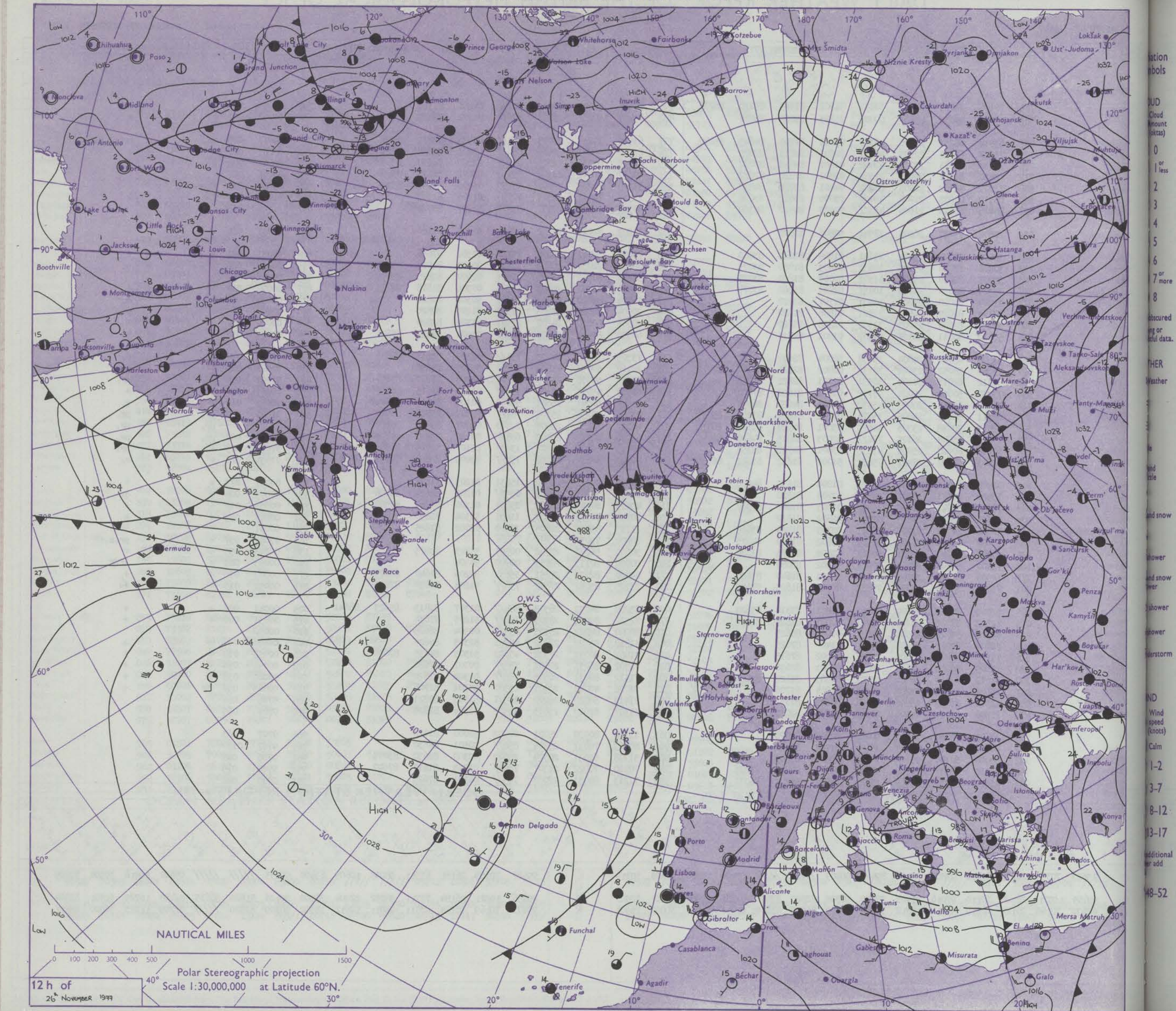
No. 42374

Date of Issue SUNDAY 27 NOVEMBER 1977

Code FM 11.V		OBSERVATIONS at 12h. 26 NOVEMBER 1977										OBSERVATIONS at 18h. 26 NOVEMBER 1977										OBSERVATIONS during DAY										
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</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>M</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>M</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 x F	SSS	WEATHER	
																															09h.—15h.	15h.—21h.
Boscombe Down	746	70106	64021	24303	10931	51802	81365	85070	86078	746	73405	57052	24001	7093/	01302	87362				746	00043	041	+								+	
Hurn	862	73509	59051	23804	00902	01805	83068	86070		862	73409	59052	23703	7097/	01301	87365				862	00051	052	+								+	
Manston	797	63514	66251	21205	48348	03001	81709	84645	85270	797	63514	75258	21405	684//	03305	82815	85656		797	94071	025	pr.									pr. ph. r. pr.	
Gatwick	776	73307	63021	22505	46401	02802	84713	87075		776	83506	58042	22605	854//	03202	85614	88657		776	00061	020	+									+	
Kew	775	73610	62031	23005	42402	01801	84818	87072		775	63507	60022	22905	657//	02303	86650			775	00061	024	+									+	
Heathrow	772	73510	62021	23405	21532	02801	82820	87072		772	63307	57042	23304	55432	03202	81618	85650		772	00061	024	+									+	
Honington	586	72909	46162	22505	683/2	04001	83706	84818		586	33208	70028	22901	15730	01206	81656	83362		586	93061	019	ph. r. pr.									+	
Wattisham	590	63312	60028	21906	48402	03000	83812	83070		590	13311	70011	22301	10930	01106	81362			590	91061	019	fpr.									+	
Gorleston	497	80416	66818	21605	4357/	02103	84920	88360		497	40320	66028	22107	33570	51207	83920			497		013											
Aberporth	502	20604	75020	26504	18541	50806	81820			502	21202	82011	25102	10931	51505	81360			502	00051	074	+									+	
Filton	628	30206	58041	25204	15601	01805	81645	83080		628	70407	59041	25003	757//	01302	87656			628	00051	051	+									+	
Rhoose	715	30406	67030	25405	18631	01803	81830	83075		715	60203	72031	24803	11451	00303	81818	85362		715	00073	062	+									+	
Hartland Point	703	30907	82030	25305	11501	00000	81820	83075		703	30409	80011	24005	11531	02500	81825	83075		703	00060	070											
Mount Batten	827	33303	82030	24706	10931	01807	81360	83075		827	40606	50041	24303	11401	00306	81818	84075		827	00091	063	+									+	
St. Mawgan	817	11004	82020	25206	18501	01707	81820			817	11004	82020	24503	18501	50302	81820			817	00083	078	+									+	
Seilly	804	10710	82020	24509	12501	01806	81820			804	20904	82020	23605	22500	01103	82820			804	00090	065	+									+	
Culdrose	809	10605	82010	25005	11501	02808	81820			809	20305	80020	24202	21501	51304	82820			809	00070	077	+									+	
Guernsey	894	50110	84011	24107	41502	01801	84825			894	60308	82032	23605	685//	01400	84822	85640		894	00081	037	+									+	
Elmdon	534	73308	45041	24804	25638	50804	82640	84270		534	73305	35216	24903	754//	01305	83617	86636		534	97051	039	+									r.	
Cardington	559	73610	58052	23604	38532	02802	82825	83645	87072	559	10110	59051	23804	15700	03305	81650			559	00061	008	+									+	
Wittering	462	53412	62018	24104	38531	02001	82822	83075		462	33310	59018	24403	38501	02305	81820	83656		462	97051	014	pr.									pr.	
Watnall	354	73409	50051	25004	15732	01001	81650	87070		354	63509	45051	25103	1553/	01304	81625	86359		354	00061	017	+									+	
Shawbury	414	73207	60041	26003	45532	00000	84628	86359		414	53506	50041	25601	55600	00104	83630	84645		414	00053	010	+									+	
Finningley	360	63311	59042	24805	15771	02802	81650	83363	85075	360	73306	40258	25304	784//	03307	83816	86640		360	92061	021	pr.									pr.	
Spurn Point	396	63513	70028	23306	49571	03001	84920	85360	86075	396	40212	70258	23906	22570	03207	82820	84360		396			pr.									pr.	
Leeming	257	73510	65048	26105	784//	02003	82815	84620	86650	257	63206	62048	26403	685//	02210	83820	85650		257	94061	007	pr.									pr.	
Tynemouth	262	60118	80028	25906	43538	03001	84925	85358		262	40515	81028	26307	13530	02107	81925	84358		262	97071	003	+									pr.	
Carlisle	222	72603	62021	27401	7563/	51002	81632	83642	86656	222	70405	58212	27102	755//	01005	82623	84640	87656	222	91031	001	+									r.	
Valley	302	41404	84011	26406	15601	01804	81630	84075		302	30505	82021	25802	15631	01203	81635			302	00081	073	+									+	
Ringway	334	33502	28041	26302	28543	53704	81820			334	63202	30201	26102	6553/	01205	82622	86656		334	97043	024	+									d.	
Squires Gate	318	70108	59041	26305	1565/	01803	81640	87360		318	40409	60041	26203	15631	01106	81640	83360		318	00053	012	+					</					

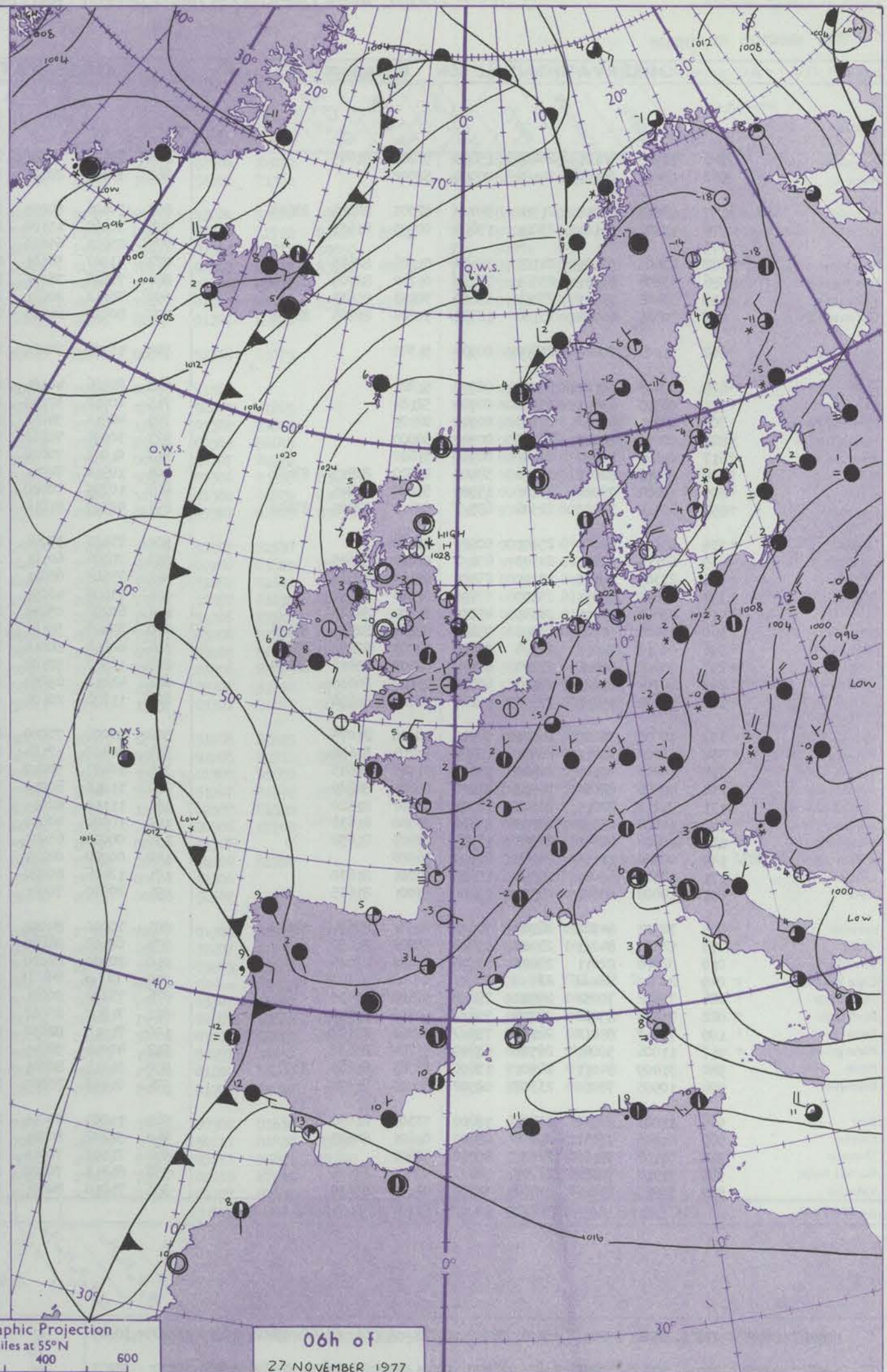
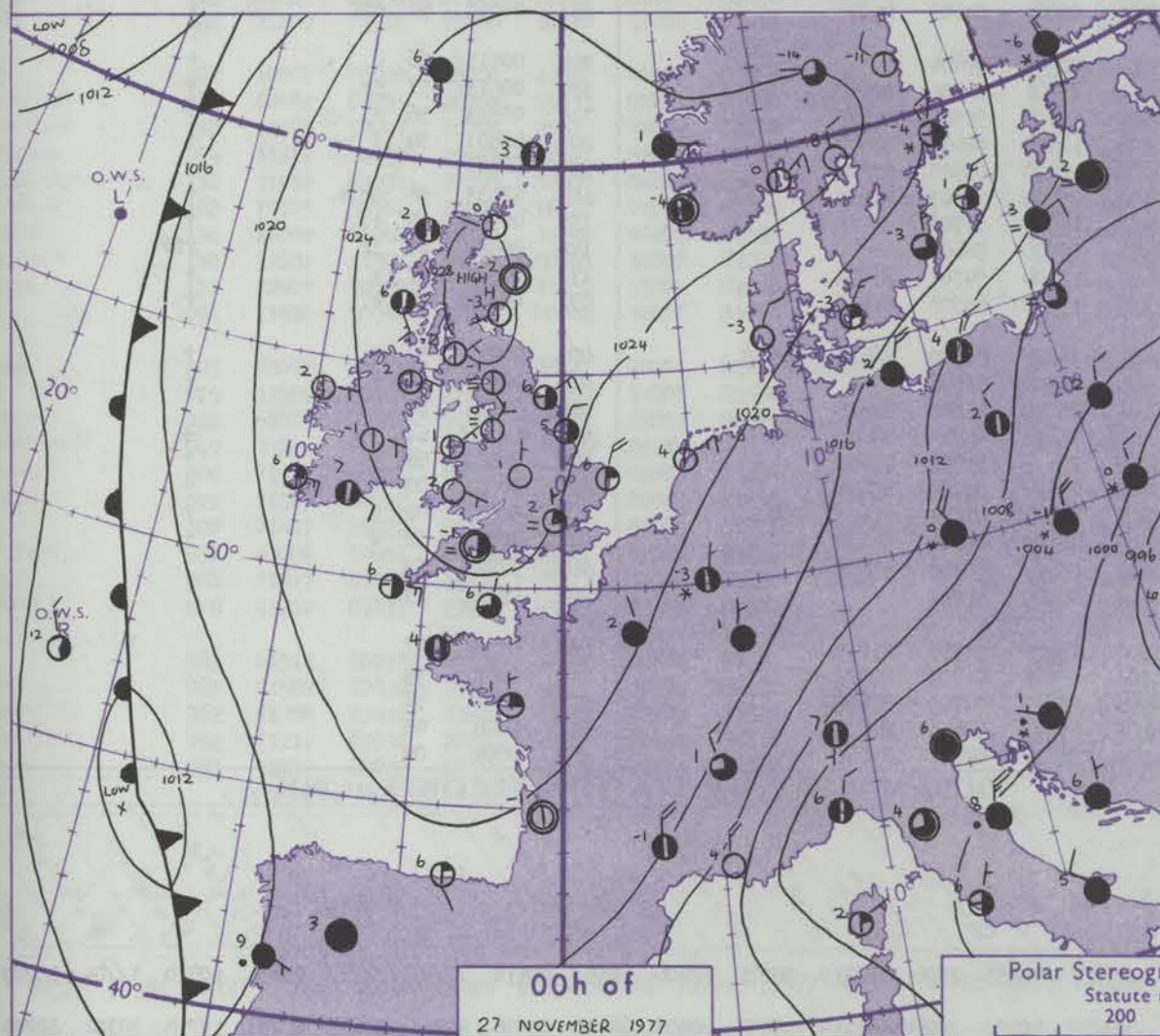
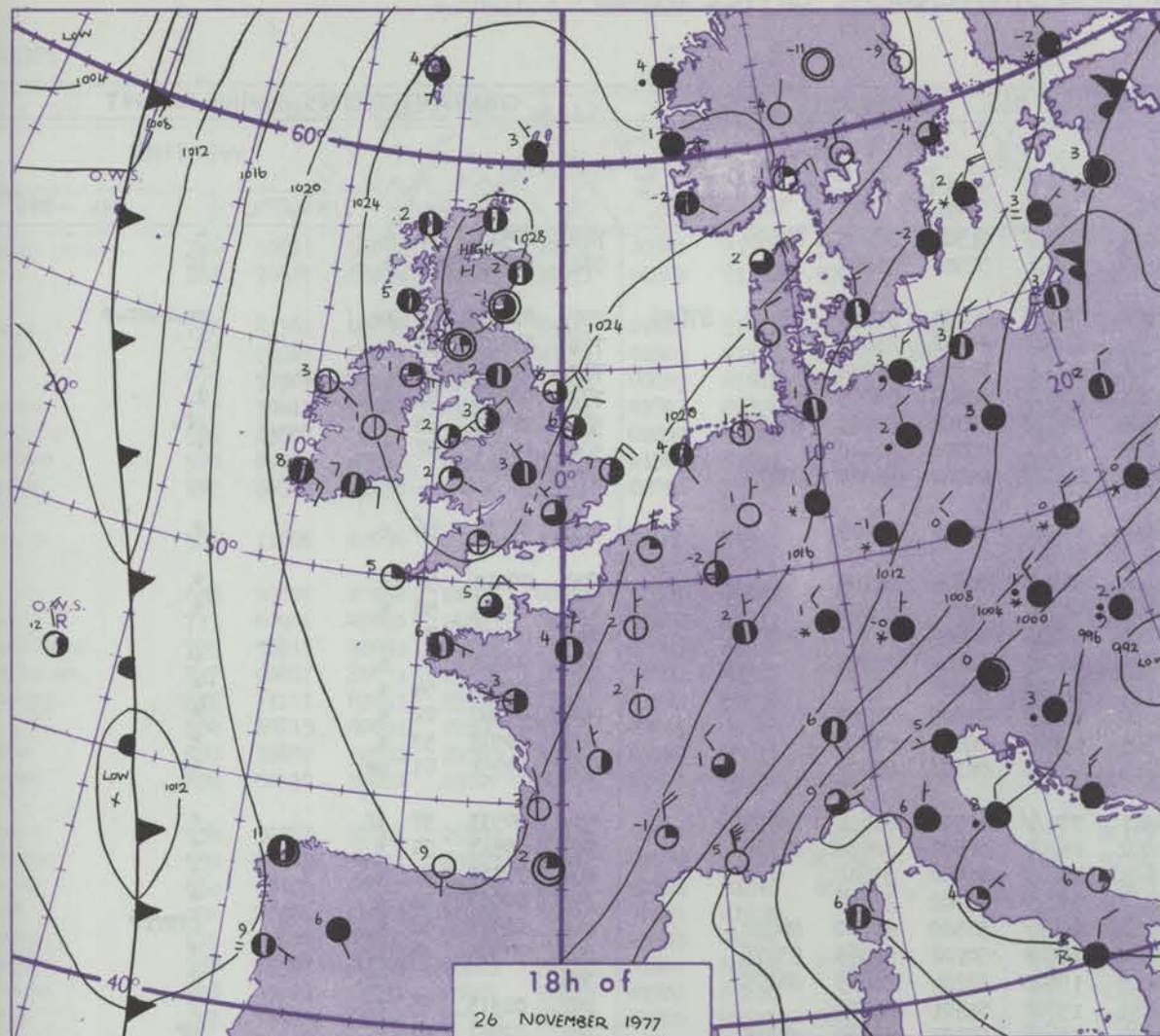


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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 an anticyclone has remained almost stationary over Scotland with a ridge of high pressure extending south to Spain. A low near southeast Greenland has moved slowly north up the Denmark Strait and filled steadily; the associated cold front crossed Iceland but, further south, the front became slow-moving to the west of Ireland. During the next 24 hours high pressure is expected to persist over the British Isles with the centre of

the anticyclone drifting slowly south over the Irish Sea. The low in the Denmark Strait will continue to move northeast and fill, and the trough in the eastern Atlantic will weaken as a build of pressure takes place to the west of Ireland. A shallow area of low pressure will become established to the west of Portugal.

Issued at midday SUNDAY 27 NOVEMBER 1977



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

OBSERVATIONS at 00h. 27 NOVEMBER 1977										OBSERVATIONS at 06h. 27 NOVEMBER 1977										OBSERVATIONS during NIGHT			
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	RRT T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	13505	50101	24400	15600	51202	81645			746	73406	35101	24051	56037	51500	85701	87359		746	00513	57 +	+	
Hurn	862	03402	20101	24152	00900	52002				862	33305	20101	23552	00901	52502	83070			862	00543	57 +	1f	
Manston	797	53515	68018	21904	584//	02003	82815	85640		797	70406	80038	21804	784//	02204	81812	83630	87645	797	01031	02 pr.	pr.	pr.
Gatwick	776	13302	36101	23201	15600	00003	81635			776	30000	45100	22751	00904	51502	83075			776	00533	59 +	+	
Kew	775									775	23604	65030	22801	00901	51704	82075			775	00513	56 +	+	
Heathrow	772	23605	57101	24102	25600	01106	82645			772	53507	56101	23201	00902	00602	85075			772	00001	53 +	+	
Honington	586	73206	63031	23801	753//	01202	82709	87636		586	73605	75031	23800	785//	52302	83820	86650		586	97511	53 +	pr.	
Wattisham	590	53408	75011	23401	55600	50203	85634			590	70212	80031	23302	756//	00302	87640			590	00511	57 +	+	
Gorleston	497	30321	66020	23106	12570	54204	81825	83360		497	80420	66808	23105	885//	01400	84820	88625		497				
Aberporth	502	01003	70020	25802	00900	51302				502	11105	70020	25001	00901	51706	81075			502	00513	56 +	+	
Filton	628	00403	30101	25551	00900	51201				628	80506	40101	24901	862//	00601	88705			628	00511	57 +	+	
Rhoose	715	00303	63011	25350	00900	52103				715	20510	57050	24400	00901	51703	82075			715	00513	58 +	+	
Hartland Point	703	00811	68050	24303	00900	02101				703	40814	58030	23003	16305	02608	81707	84075		703	00030	01		
Mount Batten	827	00605	58020	24202	00900	50000				827	30000	70030	23001	00901	50604	83075			827	00003	54 +	+	
St. Mawgan	817	01008	80020	24201	00900	51602				817	01008	70020	23101	00900	00604				817	00003	54 +	+	
Scilly	804	50913	82031	23206	58400	03500	83819	83623		804	10912	74011	21606	11400	03709	81818			804	00040	02 +	+	
Culdrose	809	10608	70021	23801	15500	51604	81625			809	10709	70020	22501	12400	50608	81818			809	00503	53 +	+	
Guernsey	894	60310	75022	22506	685//	02611	83825	85640		894	40309	81018	22405	48500	01303	83825			894	97051	01 pr.	+	
Elmdon	534	00105	40041	25401	00900	51202				534	73403	35044	24901	754//	01500	83618	85634		534	00533	57 1f	+	
Cardington	559	60110	58051	24303	656//	01002	86645			559	70304	60101	24002	25708	02502	82650	87275		559	00513	54 +	+	
Wittering	462	23309	50100	25201	25501	01104	82625			462	73508	68021	24601	756//	01400	87640			462	97011	51 +	+	
Watnall	354	33609	35051	25803	35700	01203	83650			354	73608	40051	25402	757//	01302	87656			354	00013	54 +	+	
Shawbury	414	43602	15101	26351	45500	51104	84625			414	60202	05424	26353	650//	53500	83700	86632		414	00543	58 f	fffff	
Finningley	360	73406	50108	25902	756//	02203	82631	86638		360	33405	59101	25500	10948	50102	81365	83275		360	97503	54 pr.	+	
Spurn Point	396	40210	70018	24705	28530	02203	82825	83360		396	60310	80016	25005	15505	52204	81625	86275		396		pr.	+	
Leeming	257	83607	40808	27203	884//	02303	85812	88630		257	13507	57108	26751	15700	51801	81650			257	01513	55 pr.	+	
Tynemouth	262	60714	81021	27106	656//	03102	86635			262	43210	69258	26903	33630	02802	83930	84358		262	02021	51 +	pr	
Carlisle	222	11602	09411	27851	15700	52206	81650			222	11702	20104	27253	00901	54602	81075			222	00543	59 1ff	+	
Valley	302	10505	75020	26101	00901	00000	81075			302	00000	70020	25350	00900	51604				302	00513	56 +	+	
Ringway	334	13002	03411	26851	15700	51203	81650			334	30802	17124	26450	25701	51301	82650			334	00513	57 ff	+	
Squires Gate	318	10205	50101	26600	15601	51101	81645			318	10407	50040	26300	15600	51501	81645			318	00523	56 +	+	
Ronaldsway	204	40506	82030	26502	42500	00601	84820			204	11012	80010	26105	12400	02605	81818			204	00501	54 +	+	
Mull of Galloway	131	21213	82011	26305	12501	03807	81820			131	11115	82011	26305	12500	03805	81820			131	00031			
Eskdalemuir	162	10000	65018	28752	15630	53500	81630			162	10000	40050	28152	15600	54603	81630			162	97533	58 pr.s.	+	
Prestwick	135	10606	62041	27952	15701	53803	81650			135	00000	65040	27452	00900	53706				135	00543	59 +	+	
Abbotsinch	140	00000	11114	28355	00900	56000				140	00000	02484	27956	00900	56604				140	00583	61 1f	fff	
Leuchars	171	12505	65021	28253	15600	54701	81630			171	12406	80020	27652	15600	54704	81635			171	00543	57 +	+	
Dyce	091	10000	68041	28352	15601	53001	81635			091	20000	70021	27853	15630	55503	81635			091	00553	57 +	+	
Lerwick	005	72902	84022	26703	756//	00501	83634	87645		005	70000	84032	26601	755//	00500	82622	87632		005	00011	52 +	+	
Wick	075	12802	84011	28000	15700	53802	81650			075	02602	86020	27451	00900	53506				075	00533	56 +	+	
Sule Skerry	010	32010	82011	28005	35500	01602	83625			010	20000	82020	27104	25500	01505	82625			010	00021	54		
Cape Wrath	049	32705	82031	27401	35500	51808	83625			049	72308	84021	26503	755//	00704	87625			049	00010	50 +	+	
Stornoway	026	73402	70052	26802	756//	50603	87630			026	73302	80031	25705	756//	01708	87630			026	00511	52 +	+	
Benbecula	022	71808	85032	26704	756//	00302	87640			022	71807	85032	25405	756//	02708	87630			022	00031	00 +	+	
Tiree	100	71613	88012	26106	755//	01704	87627			100	71515	82032	25307	755//	03707	81625	87630		100	00041	02 +	+	
Aldergrove	917	11006	50041	26502	15600	51704	81630			917	40906	58041	25603	45500	00708	84628			917	00013	52 +	+	
Malin	980	31409	84011	26101	15601	52703	81638	83075		980	51411	80031	25002	556//	50708	85630			980	9701	52		
Belmullet	976	10905	78010	23302	00902	50000	81070			976	01407	80020	22702	00900	51704				976	9701	53		
Birr	965	11003	80030	25451	15600	53303	81636			965	11003	75011	23900	15600	52707	81635			965	9752	57		
Dublin	969	41005	75031	25404	45600	01601	84635			969	51202	80031	24504	58500	01708	84822			969	0002	55		
Shannon	962	01108	59101	24102	00900	50602				962	71107	70011	22803	756//	00709	87635			962	9701	51		
Roches Point	952	71210	70022	23707	756//	00704	87638			952	81313	70022	22108	856//	02610	88630			952	0006	02		
Valentia	953	30915	84011	22006	34602	02101	83630			953	71010	84031	21106	756//	02507	87640			953	0004	00		

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.															
O.W.S.	99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGiw	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	D <sub>s</sub> vsapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	OT <sub>s</sub> T <sub>s</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>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGiw	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	D <sub>s</sub> vsapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	OT <sub>s</sub> T <sub>s</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 L M R	99527	70355	27001	33211	98011	18406	22550	00228	////	////	05402	10810	3//05	30/09	C L M R	99527	70355	27061	82810	98021	22406	6555/	00114	////	////	05451	10820	3//04	30/09
	99659	10021	27004	72709	97255	21605	58470	00501	82818	85625	0//04	10688	30201	32703		99660	10020	27064	62718	98258	20905	68400	00806	83813	86625	0//05	10718	30302	32703
	99470	70169	27004	43414	97011	15312	48500	00807	82820	83630	0//08	11400	30705	28008		99468	70170	27064	63416	97031	14011	68500	00713	81820	86630	0//08	11141	30705	28008



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

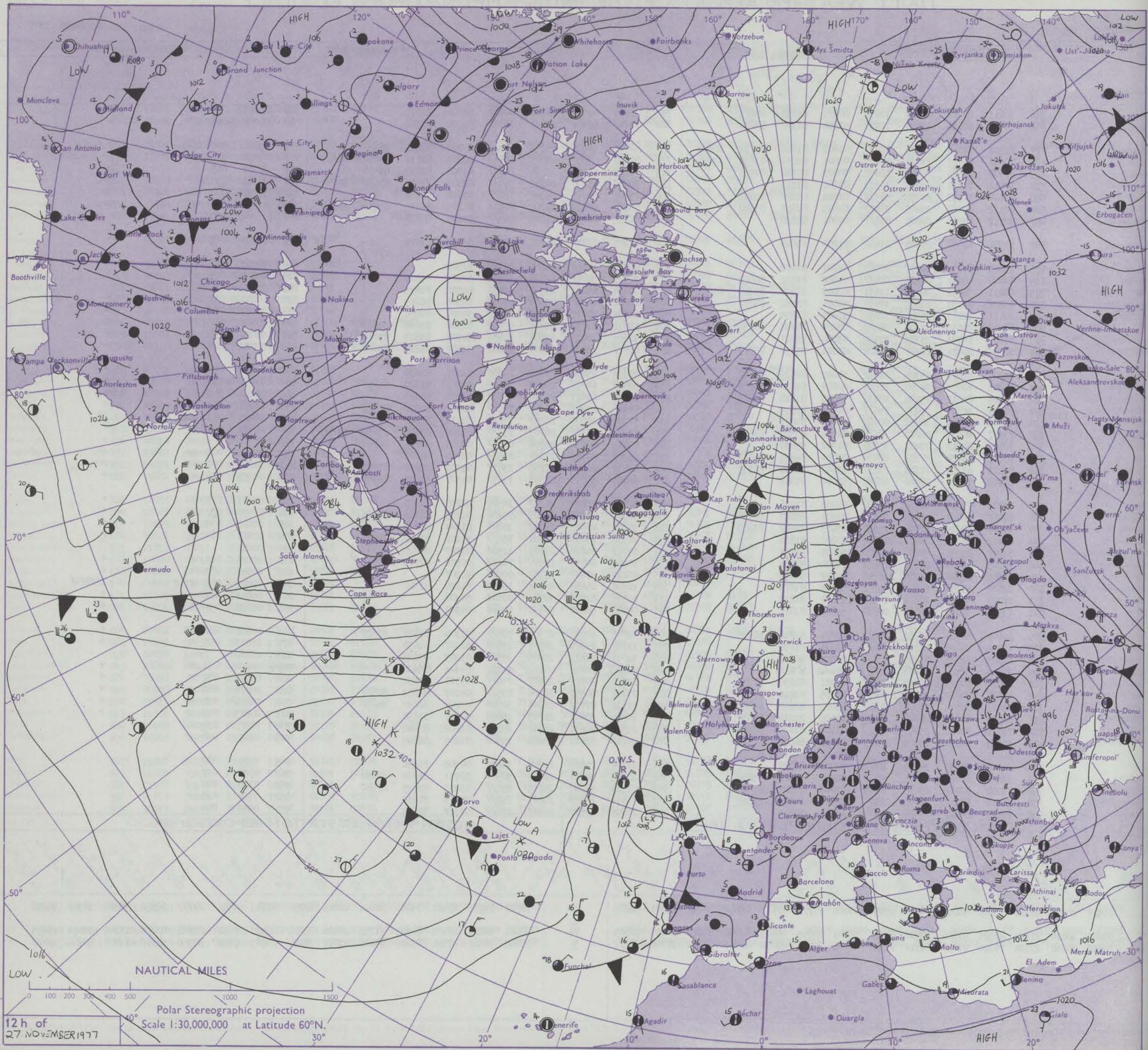
No. 42375

Date of Issue MONDAY 28 NOVEMBER 1977

OBSERVATIONS at 12h. 27 NOVEMBER 1977										OBSERVATIONS at 18h. 27 NOVEMBER 1977										OBSERVATIONS during DAY												
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	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> H	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> H	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 F	SSS	WEATHER	
																															09h.—15h.	15h.—21h.
Boscombe Down	746	50611	68012	24004	10932	00801	81359	85075		746	20305	62021	24101	00902	51206	82070			746	00053	054	+								+		
Hurn	862	70407	60034	23504	10931	01804	81359	87072		862	10102	62101	23651	10942	51108	81362			862	00053	046	+								+		
Manston	797	81302	42688	23001	853//	01002	81706	83710	88640	797	83008	50628	23303	855//	02204	83620	88628		797	05041	000	r.p.r.s.o.p.h.r.								r.p.r.r.		
Gatwick	776	70207	65021	23004	48431	01801	81812	83630	85075	776	80406	56688	23903	854//	02310	82712	83620	88628	776	97051	020	pr.								pr.s.o.r.o.s.o.		
Kew	775	50309	75021	23405	18402	00803	81818	84075		775	70504	68028	23904	754//	01308	83713	85650		775	97051	055	+								pr.		
Heathrow	772	30412	72011	24005	11531	01801	81825			772	70508	65808	24305	784//	02307	83817	83630	87650	772	97061	058	+								pr.		
Honington	586	63608	70258	24004	58502	02802	81822	85650		586	73605	80018	24502	757//	01104	87650			586	92051	004	pr.								jp		
Wattisham	590	60112	80012	23405	58402	01803	81811	85640		590	73609	62028	24202	784//	01205	81815	85630	87656	590	97051	016	pr.								pr.		
Gorleston	497	80312	64258	24005	835//	02001	88920			497	80312	66038	24205	825//	01205	88820			497		000											
Aberporth	502	11006	62050	25505	11402	01000	81818			502	11105	60010	25702	00901	52308	81075			502	00053	063	+								+		
Filton	628	20605	27051	24902	00902	01801	82072			628	00705	50050	25101	00900	51305				628	00043	043	+								+		
Rhoose	715	60406	48041	24603	684//	01000	81812	86640		715	10405	59051	24701	18401	52205	81815			715	00043	021	+								+		
Hartland Point	703	50811	58051	24103	11431	02003	81810	83360	85075	703	20714	68021	23504	12431	01302	81815			703	00040	039											
Mount Batten	827	60807	80031	23505	10932	51001	81362	85072		827	60608	62052	23204	65602	00306	86643			827	00051	033	+								+		
St. Mawgan	817	21111	82011	23506	12602	51002	81830			817	40904	70011	23501	00902	50207	84070			817	00063	074	+								+		
Scilly	804	60913	80031	22308	68400	03005	84818	86630		804	50812	81031	21806	58400	01306	83818	83628		804	00080	017	+								+		
Culdrose	809	70609	70031	23305	52402	03004	85817			809	50609	70012	22404	51502	51304	85820	83070		809	00070	039	+								+		
Guernsey	894	60510	84021	22407	52602	01801	85830	83075		894	40912	75018	22605	28402	53307	81815	83075		894	97071	008	pr.									+	
Elmdon	534	30307	57041	25304	25642	50002	82635	83072		534	20102	25040	25701	25600	51207	82630			534	00051	054	+								+		
Cardington	559	40605	62011	24705	38541	02000	81820	83656		559	50306	64011	25002	58500	02206	81820	85633		559	97051	042	+								r.		
Wittering	462	50109	80012	25204	18432	50801	81818	85075		462	13606	64011	25800	15600	51207	81640			462	00051	043	+								+		
Watnall	354	70206	56041	25904	756//	00601	87635			354	70106	25041	26203	756//	02207	81630	87656		354	00051	012	+									+	
Shawbury	414	42602	01424	26451	00901	51002	84075			414	70000	22104	26251	756//	51106	87649			414	00023	011	FFF								if		
Finningley	360	73307	60031	26203	785//	01001	83820	87626		360	73403	25101	26203	755//	03206	83624	85630	87650	360	00051	039	+									+	
Spurn Point	396	50709	80011	25407	55600	01002	85630			396	80612	80032	25606	656//	00205	86645	88360		396			+								+		
Leeming	257	73302	56258	27302	6843//	02000	84814	86618		257	83507	40108	27304	855//	03306	88623			257	95051	001	pr.								pr.		
Tynemouth	262	83213	61258	27204	2367//	03602	82930	88358		262	73412	66022	27206	2367//	05306	82930	87358		262	02062	000	+								rrr.r.		
Carlisle	222	21202	75010	27400	18430	51000	81818			222	60103	58011	27502	1563//	01307	81645	86360		222	00053	036	+								+		
Valley	302	10807	75020	26006	12502	01003	81825			302	10507	80020	26303	18500	51208	81825			302	00071	071	+								+		
Ringway	334	60402	62031	26804	55631	01801	85640	86365		334	50000	40046	26903	55400	02205	81712	85625		334	97053	031	r.								+		
Squires Gate	318	41105	59040	26705	25630	03003	82640	83360		318	30000	40041	26602	35600	01304	83640			318	00063	035	+								+		
Ronaldsway	204	11112	84010	26407																												

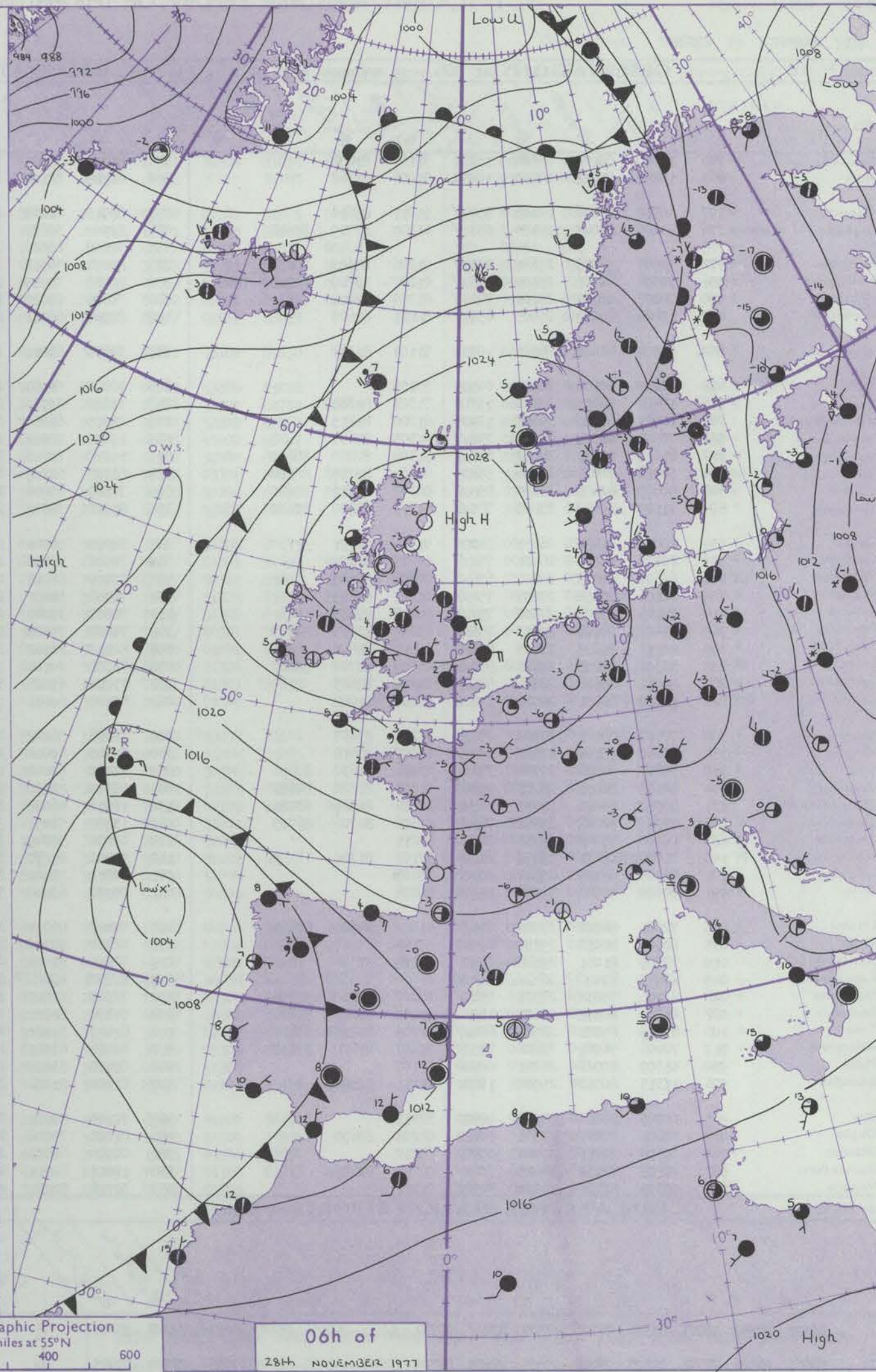
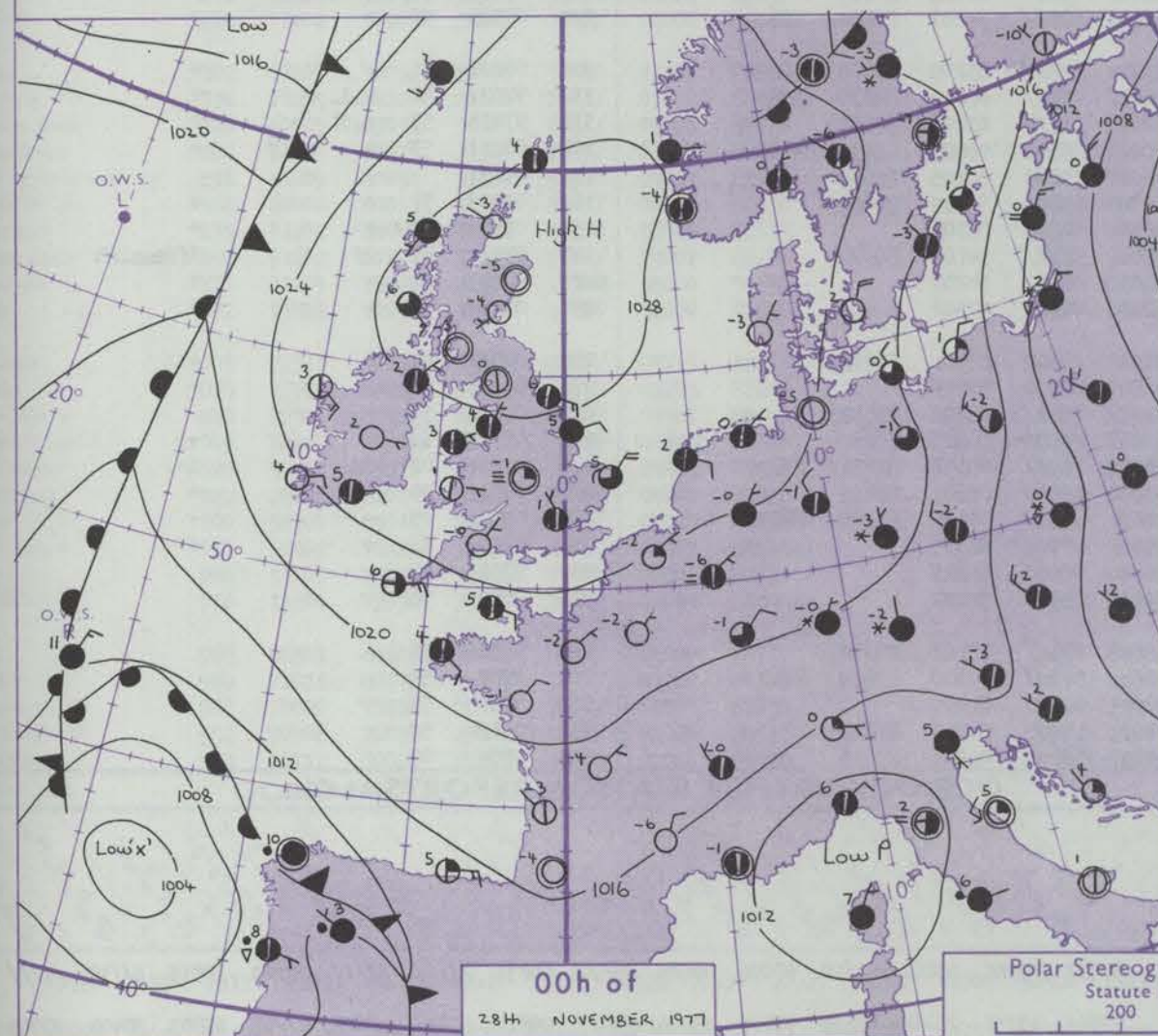
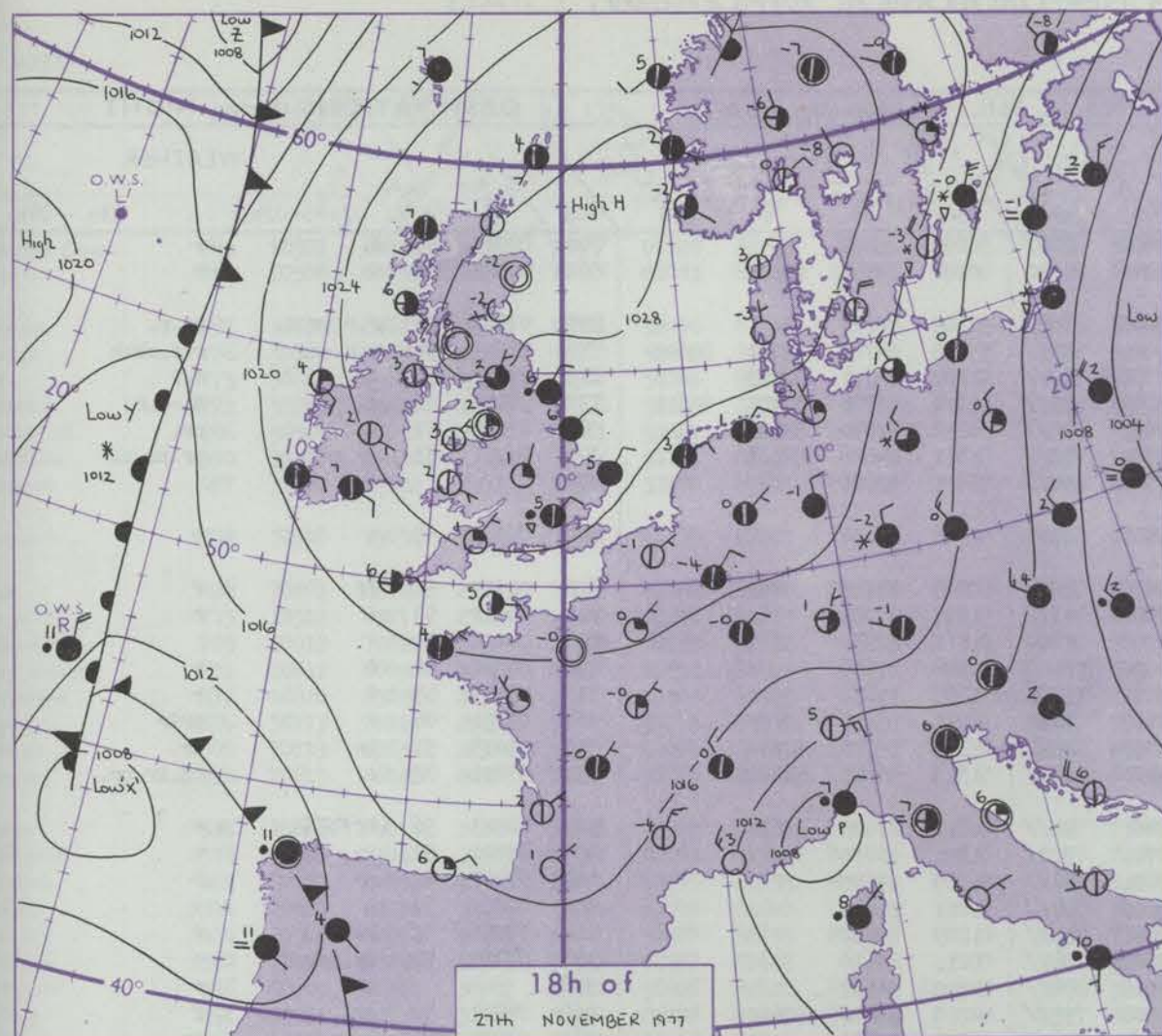


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an anticyclone has continued almost stationary off east Scotland. During the next 24 hours the anticyclone will drift a little southwest, becoming centred over

northern England. A weak trough of low pressure will later affect northern districts of Scotland.

Issued at midday MONDAY 28 NOVEMBER 1977



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

OBSERVATIONS at 00h. 28 NOVEMBER 1977										OBSERVATIONS at 06h. 28 NOVEMBER 1977										OBSERVATIONS during NIGHT									
Station	iii	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>	iii	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>	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	10000	50100	25200	15700	51107	81656			746	80611	32101	26600	862//	50209	88703			746	00513	55	+	+						
Hurn	862	10207	58011	24750	10930	51206	81362			862	60208	58101	25901	26330	00207	82706	86360		862	00523	56	+	+						
Manston	797	80910	65026	24603	854//	51211	88616			797	80713	68038	26403	855//	52309	88625			797	91021	01	r.r.pr.s.	pr.s.						
Gatwick	776	80205	56047	24403	853//	01204	87709	88618		776	80903	59777	26601	853//	51210	84709	85624	88645	776	97501	54	r.s.-s.	r.s.shsh						
Kew	775									775	70000	60026	26602	764//	01207	84711	87715		775	91011	56	ir.	r.r						
Heathrow	772	73505	58038	25301	755//	01206	82628	87656		772	80204	56215	27002	853//	01210	83706	87708	88618	772	97011	52	d.	d.-d.r.						
Honington	586	70306	64801	25801	783//	01207	82709	84816	87630	586	80306	70038	27901	885//	50212	81824	88634		586	97011	51	pr.	pr.						
Wattisham	590	70207	60808	25601	784//	01209	84811	87631		590	70306	80028	27301	755//	51311	84626	87635		590	95001	53	pr.pr.s.	pr.pr.s.						
Gorleston	497	60420	66018	25905	655//	52211	86625			497	80920	66022	27905	855//	53211	88625			497										
Aberporth	502	10904	62020	26801	10930	51104	81362			502	50806	62011	27903	55800	01305	85657			502	00513	55	+	+						
Filton	628	00000	30100	26252	00900	53105				628	70805	08464	27600	760//	50208	84700	87703		628	00531	57	ff	f						
Rhoose	715	10407	56050	25600	15700	51303	81650			715	70505	35051	27000	763//	51207	87708			715	00513	56	+	+						
Hartland Point	703	10918	66020	24303	12400	01000	81815			703	20815	66030	26003	21600	01112	82830			703	00020	01								
Mount Batten	827	70508	62051	23904	756//	01305	87647			827	10607	70011	24902	15600	50308	81640			827	00021	51	+	+						
St. Mawgan	817	61010	65021	24002	686//	51304	81830	86640		817	11009	70011	25001	15700	51307	81650			817	00513	53	+	+						
Scilly	804	50816	70031	22006	55400	04501	82710	85628		804	61107	62218	23605	68400	04211	85818			804	03051	04	+	prir						
Culdrose	809	80609	62601	23303	854//	02307	82710	88620		809	70509	65036	24303	754//	01309	81714	87630		809	95013	51	ir.	ir.						
Guernsey	894	71109	82021	23005	785//	51501	83820	87640		894	81108	70502	24803	854//	51315	86617	88640		894	97031	02	+	id.ir.pr.						
Elmdon	534	20000	01484	26651	26000	51304	82701			534	70205	56044	28401	755//	00310	81620	87636		534	00543	56	ffff	+						
Cardington	559	70405	60106	26001	757//	01207	87656			559	70406	70012	27701	6573//	01311	86650			559	97001	52	ir.	+						
Wittering	462	63607	62031	26801	656//	00306	86645			462	70409	66018	28601	756//	51209	87640			462	97001	52	pr.	+						
Watnall	354	70106	50052	27203	756//	01307	87645			354	70306	58051	29102	756//	51211	87640			354	00011	51	+	+						
Shawbury	414	72203	09602	27300	757//	50208	87650			414	70507	35046	28802	757//	01209	87650			414	97501	53	r.d.r.f	+						
Finningley	360	73403	25106	27603	755//	03208	83625	87645		360	70202	75028	29502	756//	00211	87630			360	97021	51	ir.pr.	+						
Spurn Point	396	80812	80038	27105	856//	01211	88640			396	80815	80022	29105	856//	52210	88637			396			pr.	+						
Leeming	257	80302	30258	28603	853//	03309	82709	88620		257	73002	20104	30502	755//	02210	83628	87640		257	94011	52	pr.	f						
Tynemouth	262	80912	69606	28706	855//	04209	88625			262	73204	69028	30404	756//	03308	87630			262	03032	51	r.r.rpr	pr						
Carlisle	222	10000	62021	28900	15600	50207	81648			222	60102	60031	30051	685//	51206	82820	86638		222	00523	57	+	+						
Valley	302	70707	60041	27303	756//	01205	87637			302	70706	56042	28304	755//	03205	83620	87640		302	00021	51	+	+						
Ringway	334	80000	15106	27803	854//	03207	88618			334	70705	60012	29603	756//	01210	82630	87640		334	97021	50	r.d.	+						
Squires Gate	318	70207	57206	27704	756//	03206	81630	87656		318	70405	60022	29203	757//	03207	87650			318	97031	53	r.d.	+						
Ronalds Way	204	40308	80011	28003	48500	01307	81820	84645		204	40309	82011	29082	48500	01205	81828	884690		204	00011	53	+	+						
Mull of Galloway	131	40910	86020	28705	12541	02208	81825	83075		131	10614	86020	29804	15600	02105	81630			131	00031									
Eskdalemuir	162	73302	62022	29801	763//	00306	84706	86709		162	13307	58051	30851	15600	52302	81630			162	00533	57	+	+						
Prestwick	135	00000	58040	30353	00900	54211				135	00000	59040	31254	00900	55303				135	00553	60	+	+						
Abbotsinch	140	20000	06414	30356	26000	57108	81700			140	90402	01777	31554	9////	54104	89///			140	97586	61	1f	1f						
Leuchars	171	02405	66020	29854	00900	55209				171	02310	75020	30653	00900	54203				171	00543	58	+	+						
Dyce	091	00000	40040	30055	00900	56206				091	00102	65040	30656	00900	57502				091	00563	59	+	+						
Lerwick	005	72001	84022	27904	755//	01802	83625	87635		005	22407	86011	27703	25500	02601	82623			005	00023	51	+	+						
Wick	075	02902	82010	29353	00900	55105				075	02703	80020	29653	00900	54101				075	00543	58	+	+						
Sule Skerry	010	72009	81031	29106	7093//	04208	87358			010	72313	82012	28807	7093//	05702	87358			010	00031	56								
Cape Wrath	049	52310	82021	28404	555//	01204	85625			049	82309	82032	28506	855//	02802	88625			049	00030	51	+	+						
Stornoway	026	82106	75032	28305	5567//	04207	85630	88359		026	72109	80215	28806	755//	05302	83626	87630		026	97031	02	id.	ir.						
Benbecula	022	41709	80011	28405	45530	03207	81620	84630		022	51608	82031	29304	55600	03203	85635</													



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

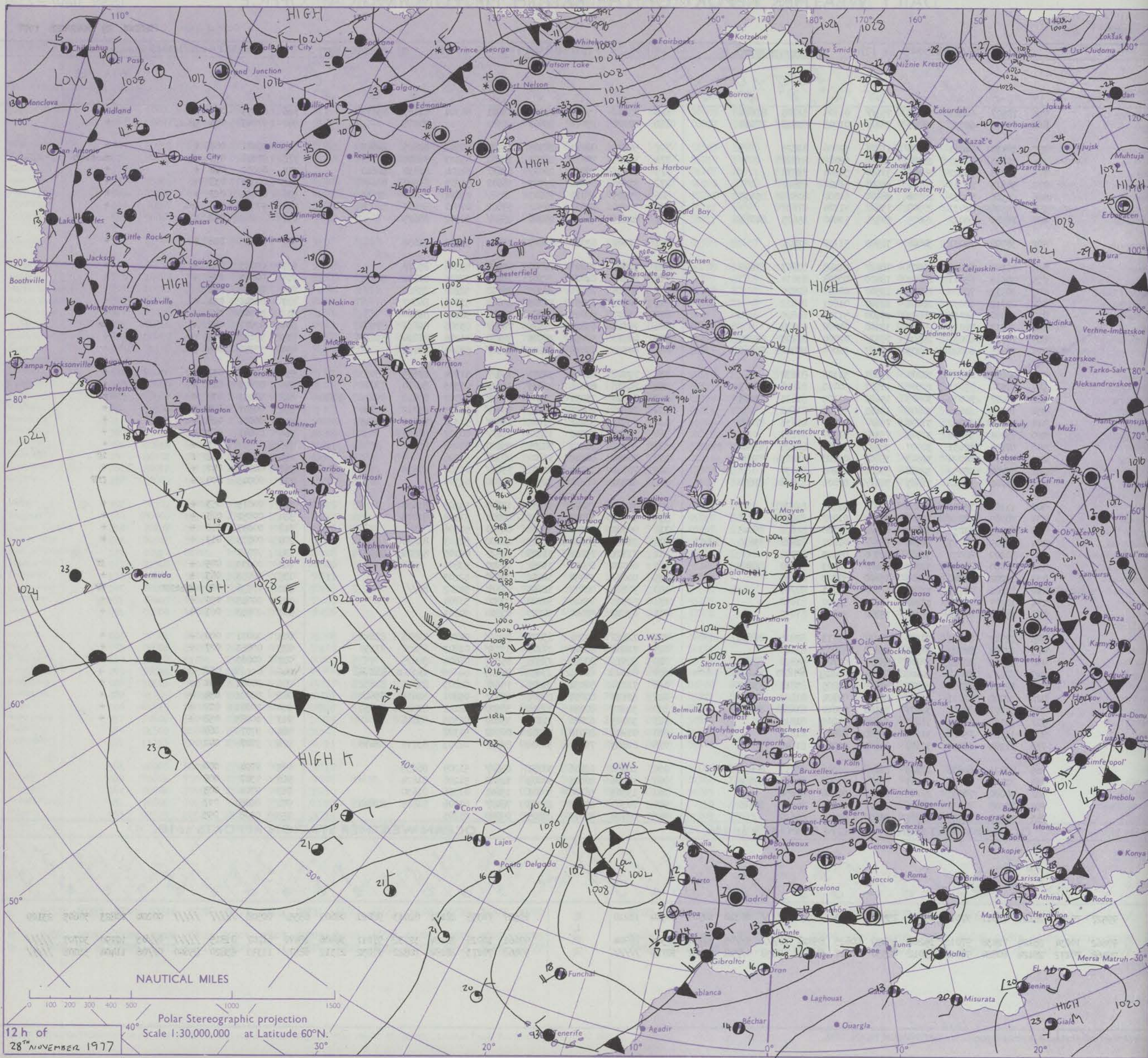
No. 42376

Date of Issue TUESDAY 29 NOVEMBER 1977

Code FM II.V		OBSERVATIONS at 12h. 28 NOVEMBER 1977										OBSERVATIONS at 18h. 28 NOVEMBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	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	VVwww	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 x E	SSs	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	70507	64021	28502	753//	01105	81708	87640		746	30407	75011	28901	15601	54304	81635	83075		746	00033	035	+	+			
Hurn	862	70508	60038	28203	784//	01003	81818	87640		862	20706	78011	28651	00901	53205	82075			862	97043	044	pr.s.	+			
Manston	797	10714	84011	28404	11501	52006	81825			797	50706	84011	28303	55500	00501	82625	84645		797	00041	064	+	+			
Gatwick	776	30713	70037	28104	32500	52005	83822			776	30303	70021	28701	15601	53303	81640			776	97041	053	sh	+			
Kew	775	30813	75021	28405	31600	54204	83830			775	60204	70021	29003	686//	52204	81830	86640		775	00051	042	+	+			
Heathrow	772	50813	75031	29204	58500	51107	85822			772	33606	65021	29503	35602	51203	81640	83650		772	00061	038	+	+			
Honington	586	50505	80031	29704	58501	51004	81825	85635		586	73505	80022	29603	785//	01601	81820	87635		586	00051	027	+	+			
Wattisham	590	70306	82031	29303	756//	51104	87632			590	73508	70038	29302	55602	00501	85635	86075		590	97041	018	pr.	+			
Gorleston	497	70509	66022	29605	545/1	51400	85625	84075		497	80219	66188	29206	855//	02502	88625			497		022					
Aberporth	502	30908	75031	30004	38540	51110	82822			502	11007	82020	30401	15601	53109	81630			502	00043	018	+	+			
Filton	628	70507	65014	29703	784//	01208	81817	87640		628	50609	70011	29900	00901	53306	85078			628	00043	028	+	+			
Rhoose	715	10512	65011	29003	18400	00808	81814			715	60808	64021	29301	16401	52305	81712	86075		715	00043	028	+	+			
Hartland Point	703	20912	70020	27802	21500	00110	82820			703	20915	70011	28303	22500	52208	82820			703	00030	061					
Mount Batten	827	20712	60050	26404	28500	01801	81822			827	60509	65051	27303	65600	51009	86647			827	00041	051	+	+			
St. Mawgan	817	10810	65020	26903	18500	51105	81825			817	11107	60021	27701	12500	52207	81820			817	00043	047	+	+			
Silly	804	30713	70011	25407	32400	04006	83818			804	70718	65028	25506	784//	03306	84818	87628		804	92071	046	+	pr			
Culdrose	809	70713	68031	26304	783//	02004	81709	85818		809	40812	59058	26504	38478	51208	81816	83628		809	97051	015	pr.	+			
Guernsey	894	70815	66028	26303	784//	51005	86816	86640		894	60722	75028	26103	685//	53104	86822			894	97041	004	pr.	+			
Elmdon	534	10604	64011	30204	15601	51108	81630			534	73402	62041	30503	756//	51304	87635			534	00051	033	+	+			
Cardington	559	30506	75011	29505	11502	50003	81828	83073		559	70306	64021	29803	756//	01303	84630	87641		559	00051	029	+	+			
Wittering	462	30607	80031	30505	15601	52105	81635	83075		462	83606	75031	30503	855//	50302	83622	85628	88640	462	97051	038	+	r.			
Watnall	354	10503	62011	30905	15601	53006	81640			354	70108	25041	30903	754//	51303	83712	87628		354	00051	028	+	+			
Shawbury	414	70506	62042	30804	756//	51007	81635	87650		414	73505	50041	31102	756//	51309	83634	87645		414	00051	028	+	+			
Finningley	360	73404	37042	31503	755//	01107	87628			360	73305	30041	31202	756//	00307	87635			360	00041	018	+	+			
Spurn Point	396	50705	80031	30907	38571	51208	82825	83640	85075	396	30107	80011	30206	35600	01002	83640			396			+	+			
Leeming	257	33507	60024	32303	38500	02108	81825	83640		257	00000	60110	31800	00900	51306				257	00063	032	f	1f			
Tynemouth	262	52704	48052	32104	53600	03206	85930			262	72708	17101	31201	756//	01301	87635			262	00051	042	+	+			
Carlisle	222	71202	57042	31803	784//	02006	81818	87650		222	02202	06461	31501	00900	01305				222	00043	000	+	fff			
Valley	302	11107	70051	30906	12530	51109	81825			302	10607	75020	31201	15600	53208	81630			302	00073	053	+	+			
Ringway	334	70205	58022	31604	756//	01007	87635			334	10505	50041	31602	00901	51308	81075			334	00051	023	+	+			
Squires Gate	318	60905	63031	31704	685//	02108	81822	86645		318	00000	30041	31602	00900	50306				318	00053	018	+	+			
Ronaldsway	204	71309	75021	31306	785//	01007	82828	83630	86650	204	21409	80021	31103	28600	52103	81830			204	00073	019	+	+			
Mull of Galloway	131	51209	80031	31406	53500	04103	85920			131	71805	75022	31106	785//	02105	83820	84630		131	97061						
Eskdalemuir	162	60000	80011	31902	656//	00003	82630	86645		162	00000	65011	31852	00900	53801				162	00033	005	+	jf			
Prestwick	135	11202	56040	32402	15600	53002	81635			135	00000	35040	32052	00900	52203				135	00053	063	+	+			
Abbotsinch	140	91602	01777	32853	9////	53001	89/01			140	90000	00437	32153	9////	54202	89///			140	97536	000	FFshFF	FF			
Leuchars	171	12207	75020	31402	15702	55000	81650			171	02307	65020	30300	00900	51704				171	00043	059	+	+			
Dyce	091	13503	62040	31250	15700	52000	81650			091	03402	57040	30153	00900	54801				091	00033	063	+	+			
Lerwick	005	72312	80031	27107	784//	05713	82815	86635		005	72512	80022	25607	784//	04706	81815	87640		005	00071	000	+	+			
Wick	075	22702	82020	30301	15630	51803	81640			075	72408	82021	29103	5573/	01802	85650	87359		075	00053	027	+	+			
Sule Skerry	010	82319	82022	29208	885//	07707	84820	88625		010	82519	80022	27808	855//	07604	88625			010	00080						
Cape Wrath	049	72317	82022	29106	785//	05803	84820	87625		049	82322	82022	27407	885//	06704	88620	88625		049	00080	000	+	+			



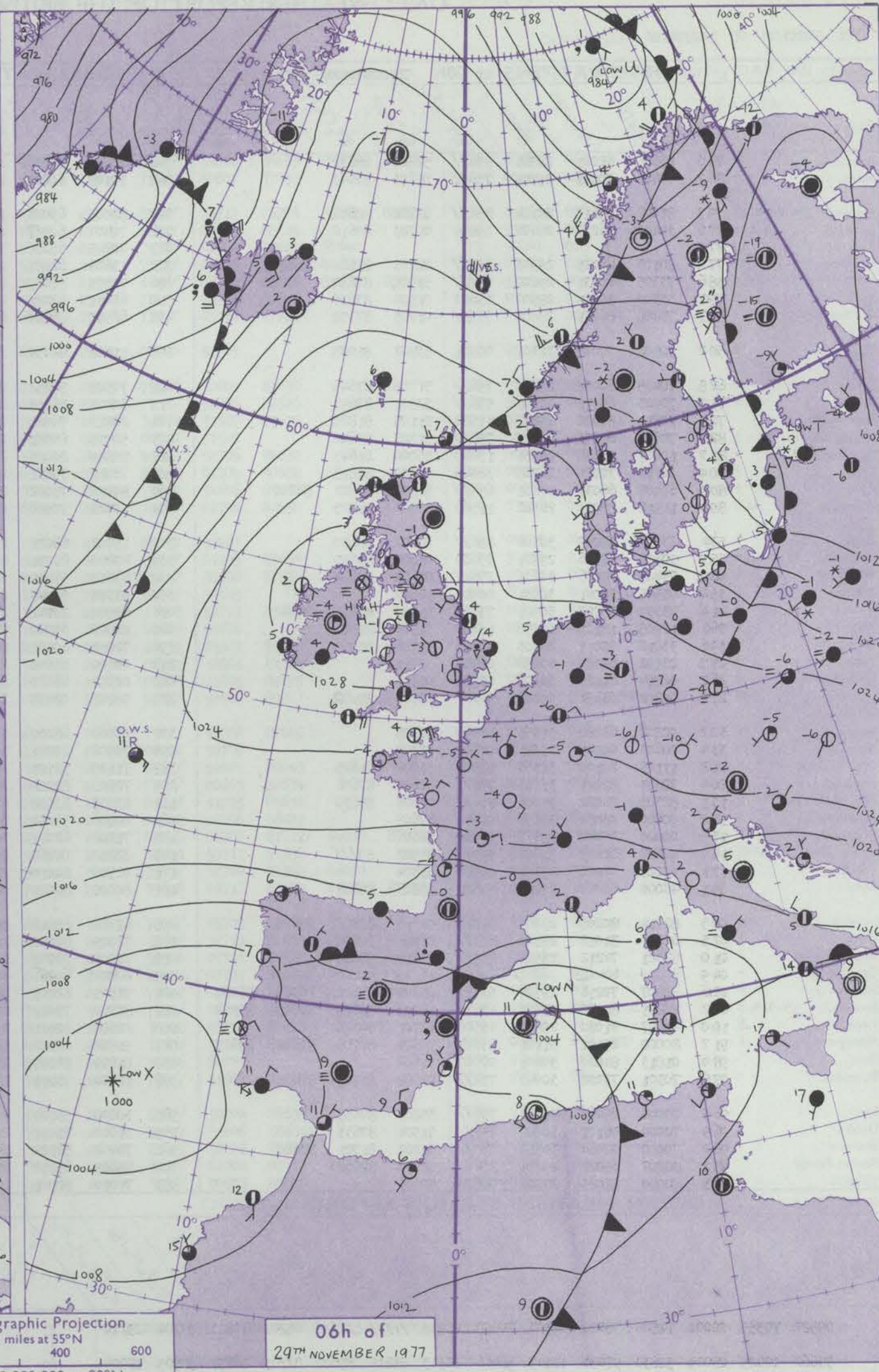
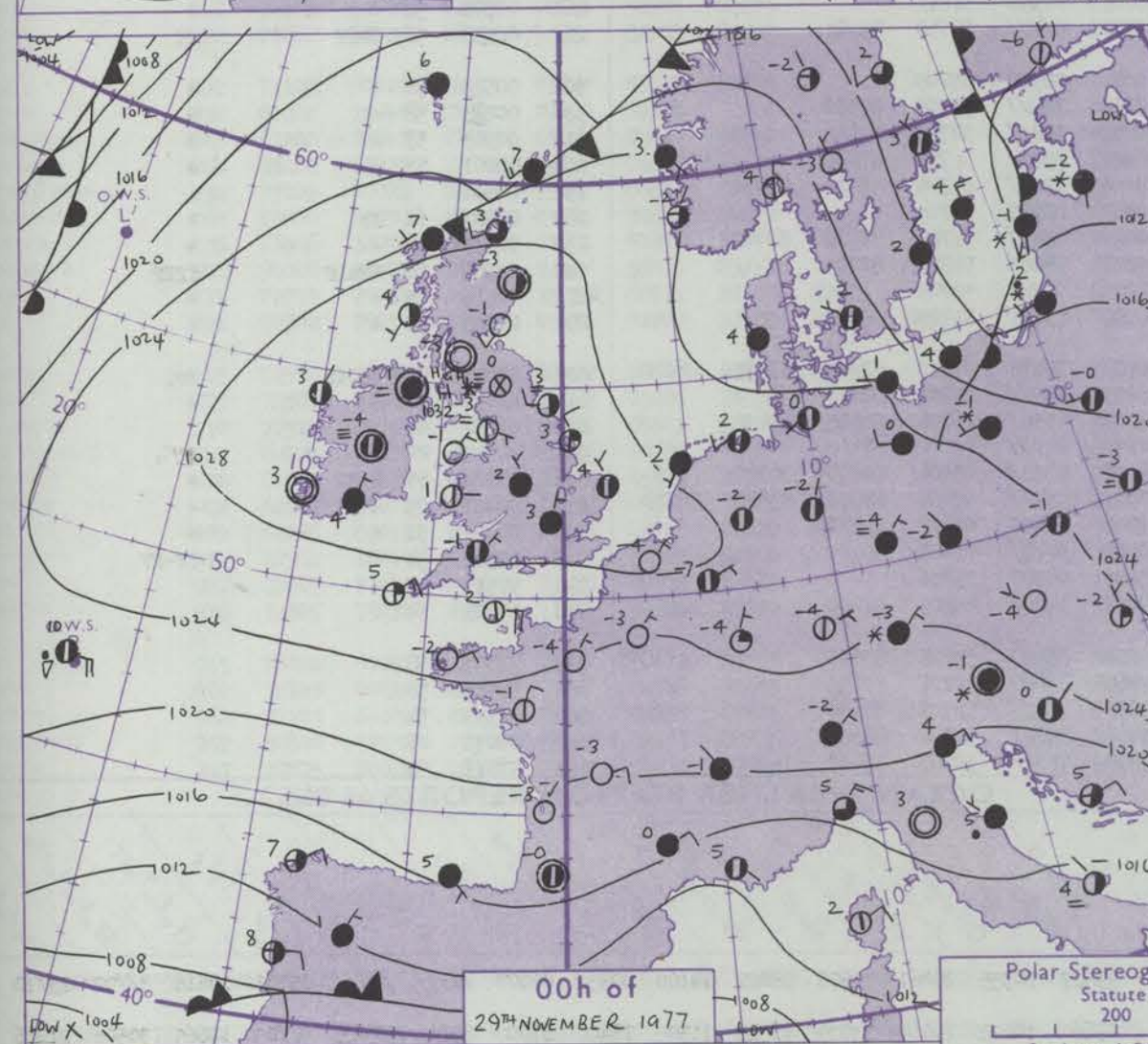
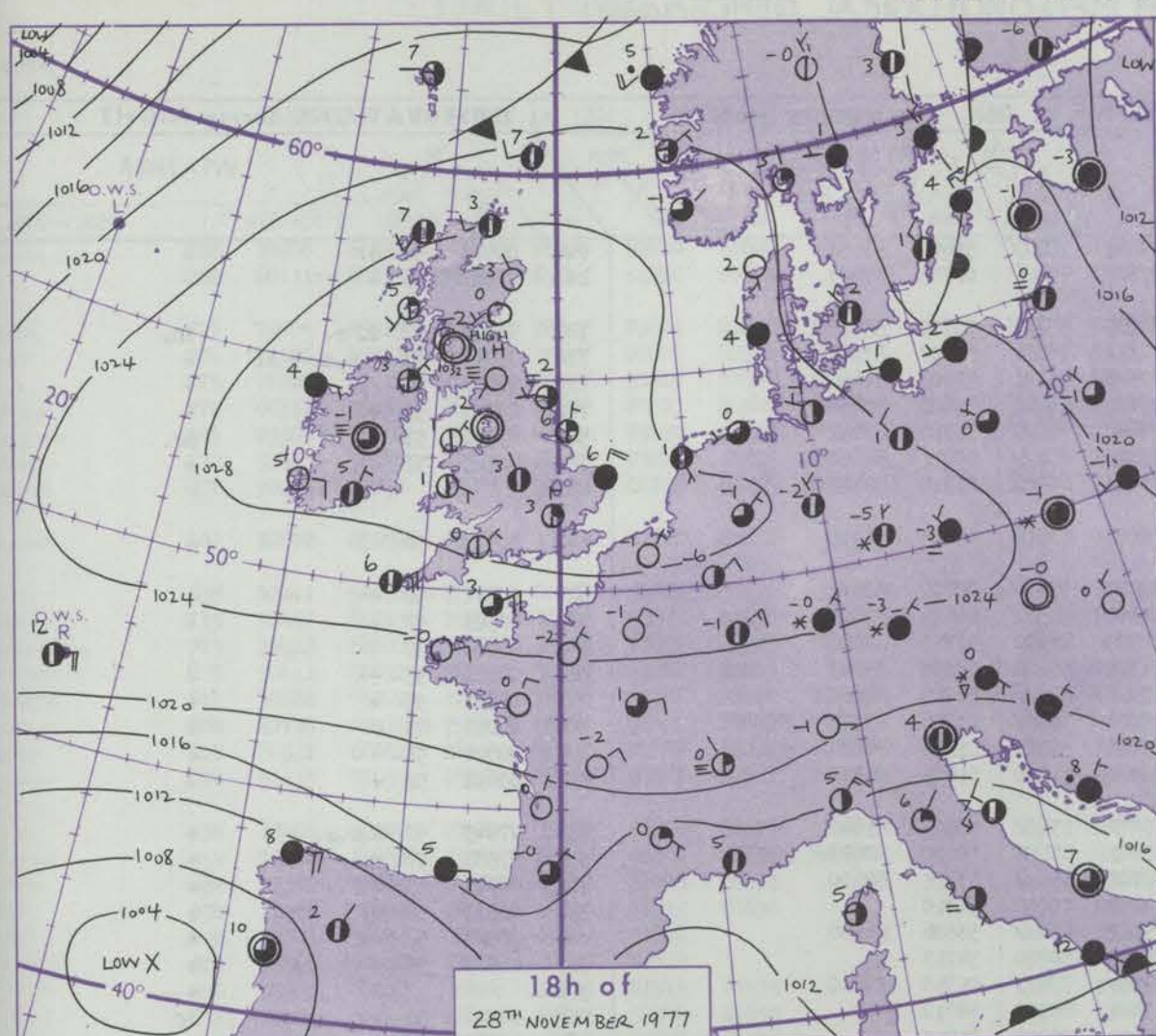
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# CHARTS OF WEATHER IN WESTERN EUROPE



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 remained almost stationary over southern Scotland, while a ridge of high pressure built southeastwards towards the Black Sea. A depression near

Cape Finisterre moved slowly south. During the next 24 hours the anticyclone over Scotland is expected to drift slowly southwest, while the depression west of Spain moves southeast.

Issued at midday TUESDAY 29 NOVEMBER 1977







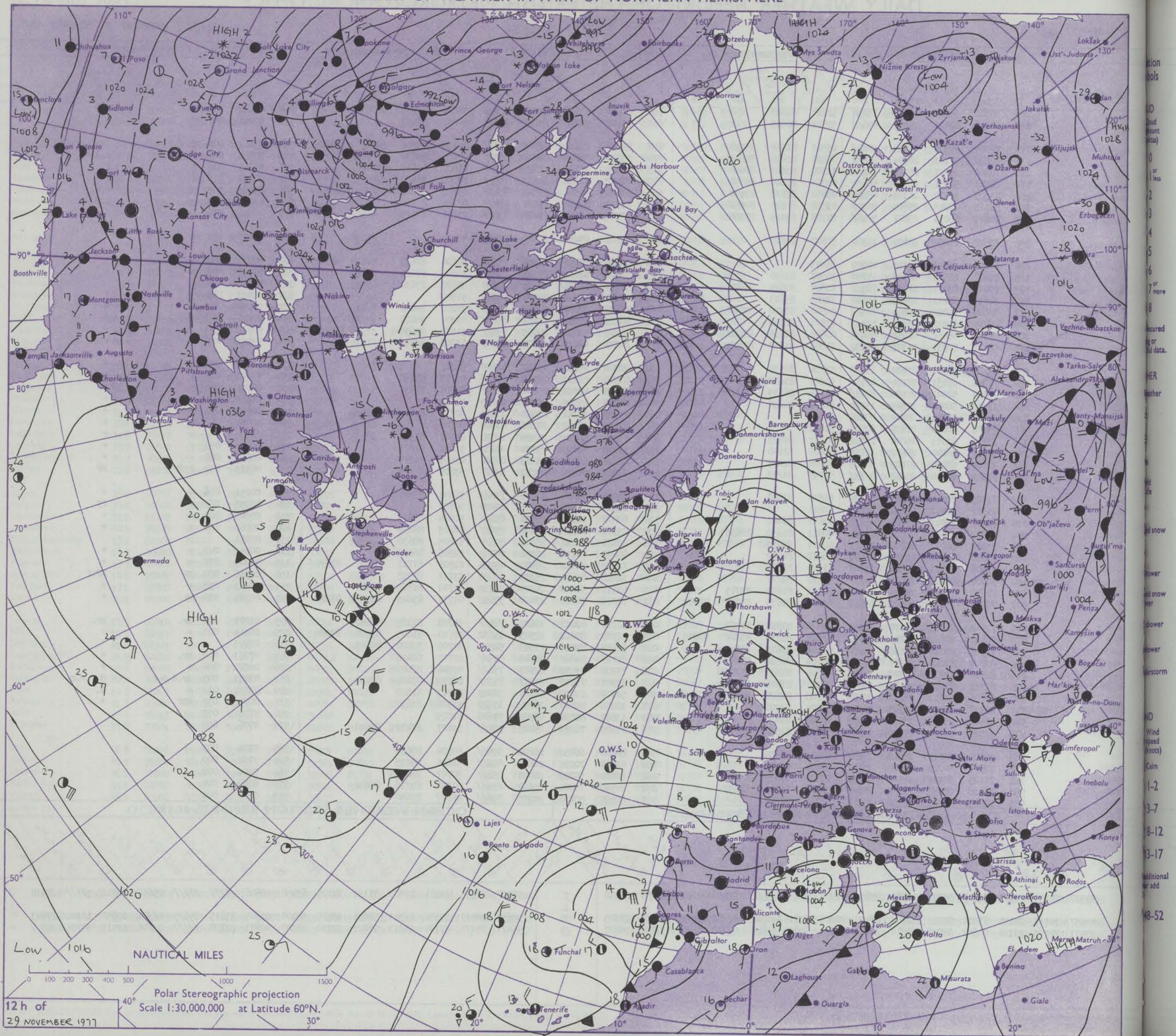
Date of Issue WEDNESDAY 30 NOVEMBER 1977

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	YYGGIw	Nddff	VVwwW	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>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>3</sub> L <sub>3</sub>	QcLoLoLoLo	YYGGIw	Nddff	VVwwW	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>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</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>
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All times of observation printed in this publication are GREENWICH MEAN TIME.

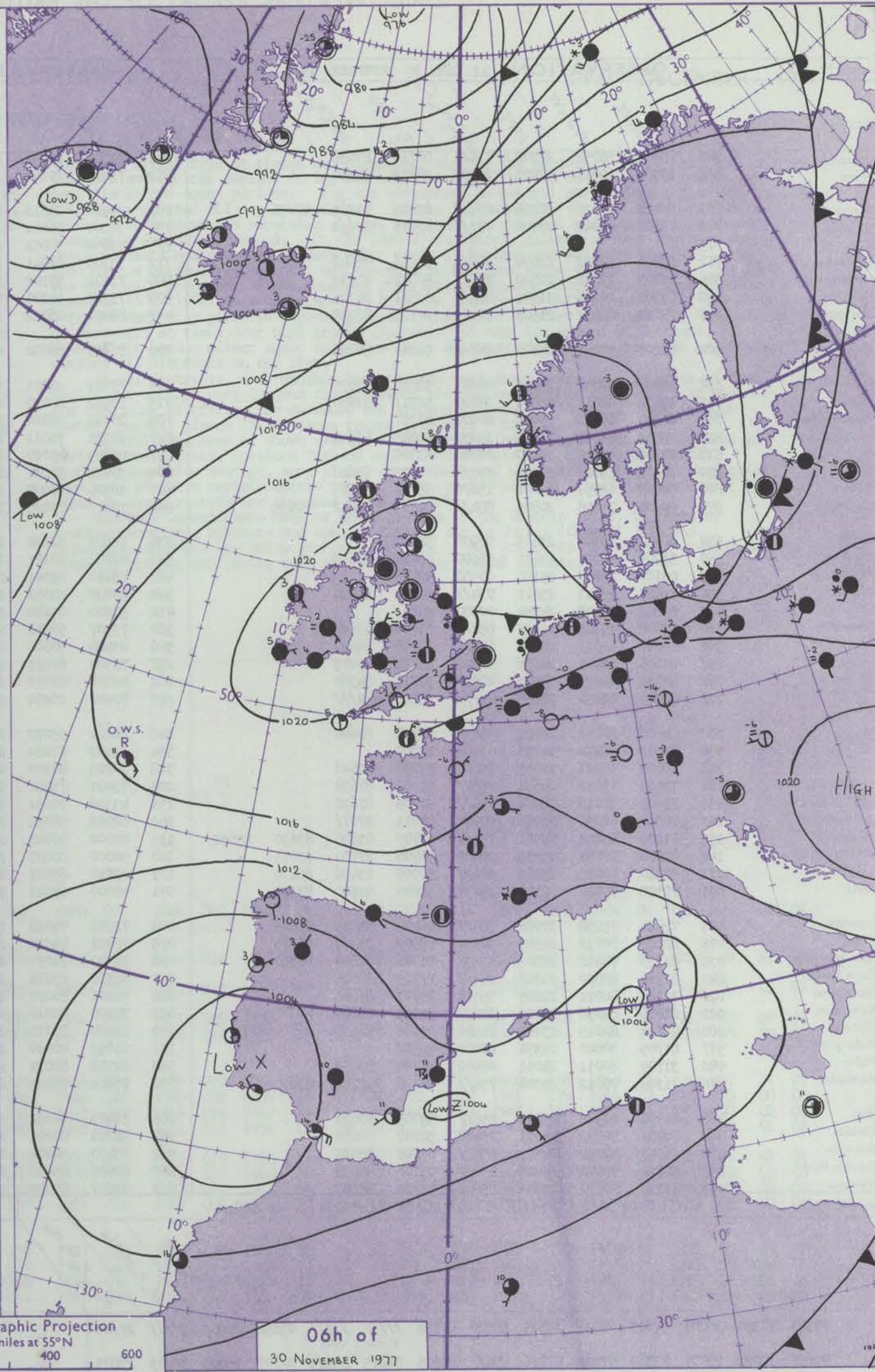
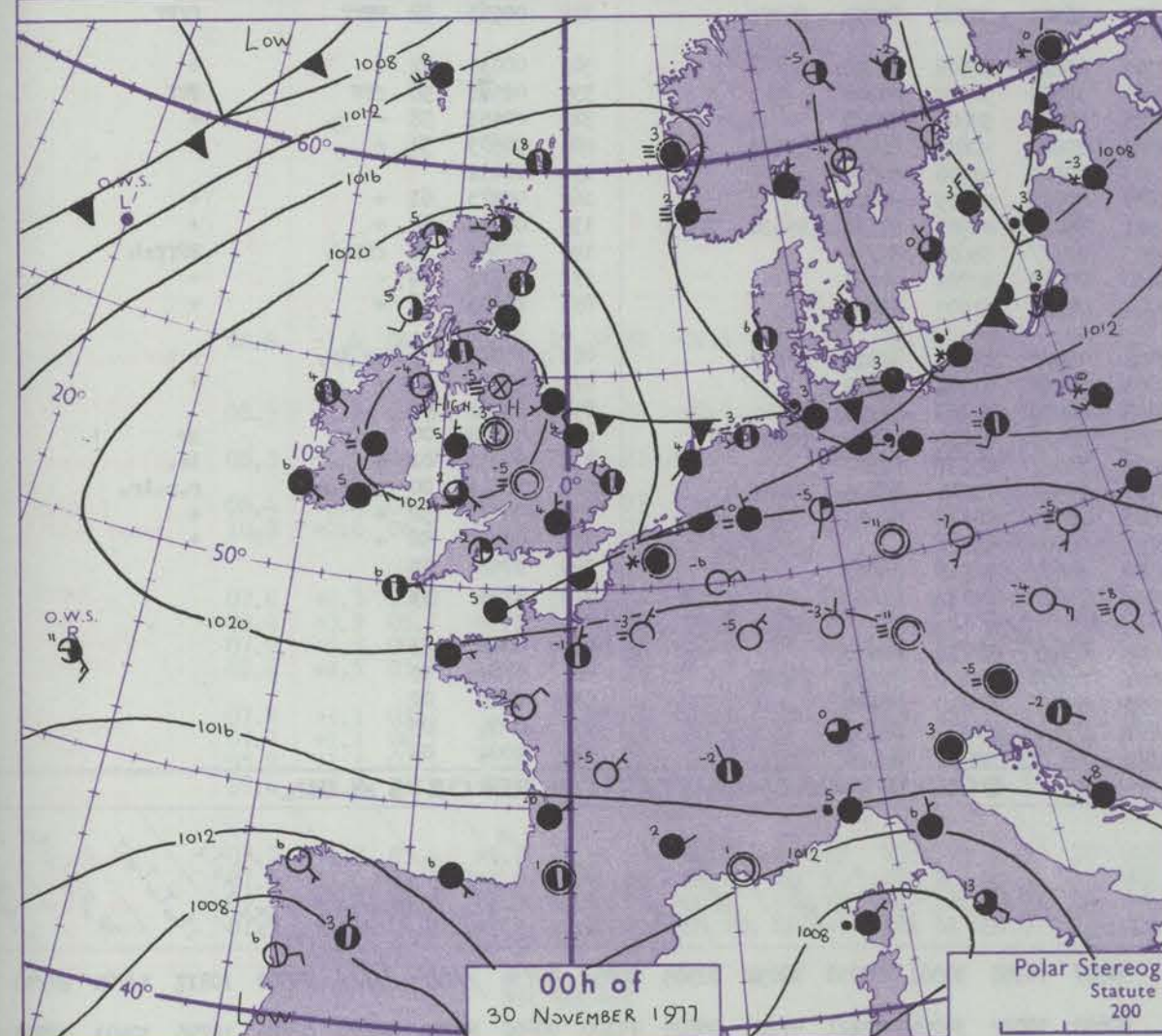
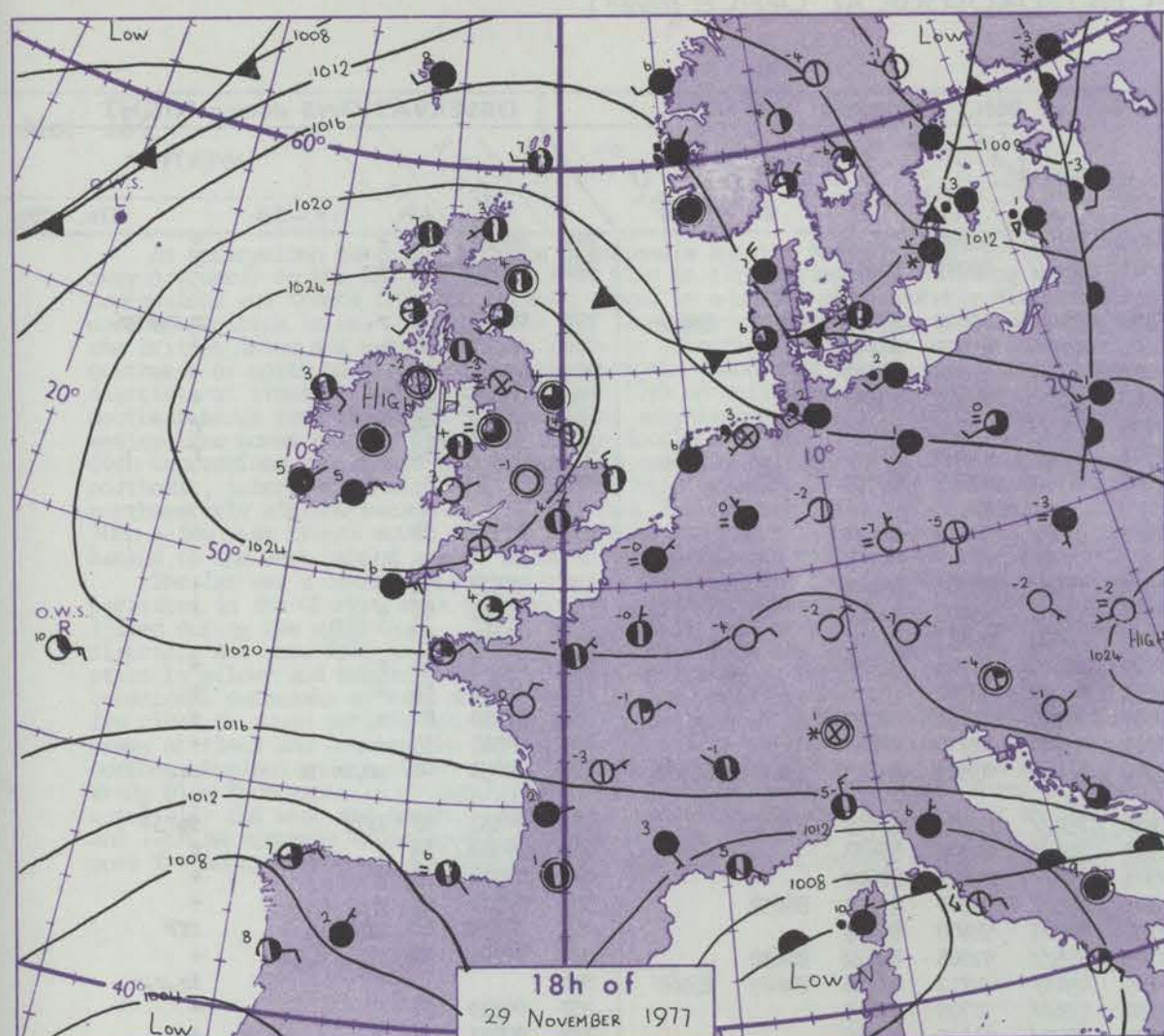


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# 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

During the past 24 hours an anticyclone centred over the northern Irish Sea declined slowly and weak troughs affected northern Scotland and southeast England. The decline of the anticyclone is expected to be halted during the next 24 hours as a west Atlantic depression intensifies and

increases the northward flow of warm air over mid-Atlantic. The anticyclone will drift slightly northward to western Scotland. Weak troughs will continue to affect the Northern Isles and southeast England.

Issued at midday  
WEDNESDAY 30 NOVEMBER 1977



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OCEAN WEATHER STATION REPORTS at 00h.																OCEAN WEATHER STATION REPORTS at 06h.															
O.W.S.	99L <sub>s</sub> L <sub>a</sub> L <sub>a</sub>	QcLoLoLoLo	YYGGiw	Nddff	VVwwWW	PPPTT	N <sub>h</sub> C <sub>L</sub> H <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> sapp	8N <sub>s</sub> Ch <sub>s</sub> <sub>h</sub>	8N <sub>s</sub> Ch <sub>s</sub> <sub>h</sub>	OT <sub>s</sub> T <sub>d</sub> T <sub>d</sub>	IT <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>	dwdwP <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	O.W.S.	99L <sub>s</sub> L <sub>a</sub> L <sub>a</sub>	QcLoLoLoLo	YYGGiw	Nddff	VVwwWW	PPPTT	N <sub>h</sub> C <sub>L</sub> H <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> sapp	8N <sub>s</sub> Ch <sub>s</sub> <sub>h</sub>	8N <sub>s</sub> Ch <sub>s</sub> <sub>h</sub>	OT <sub>s</sub> T <sub>d</sub> T <sub>d</sub>	IT <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>	dwdwP <sub>w</sub> H <sub>w</sub> H <sub>w</sub>		
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