

THE DAILY WEATHER REPORT

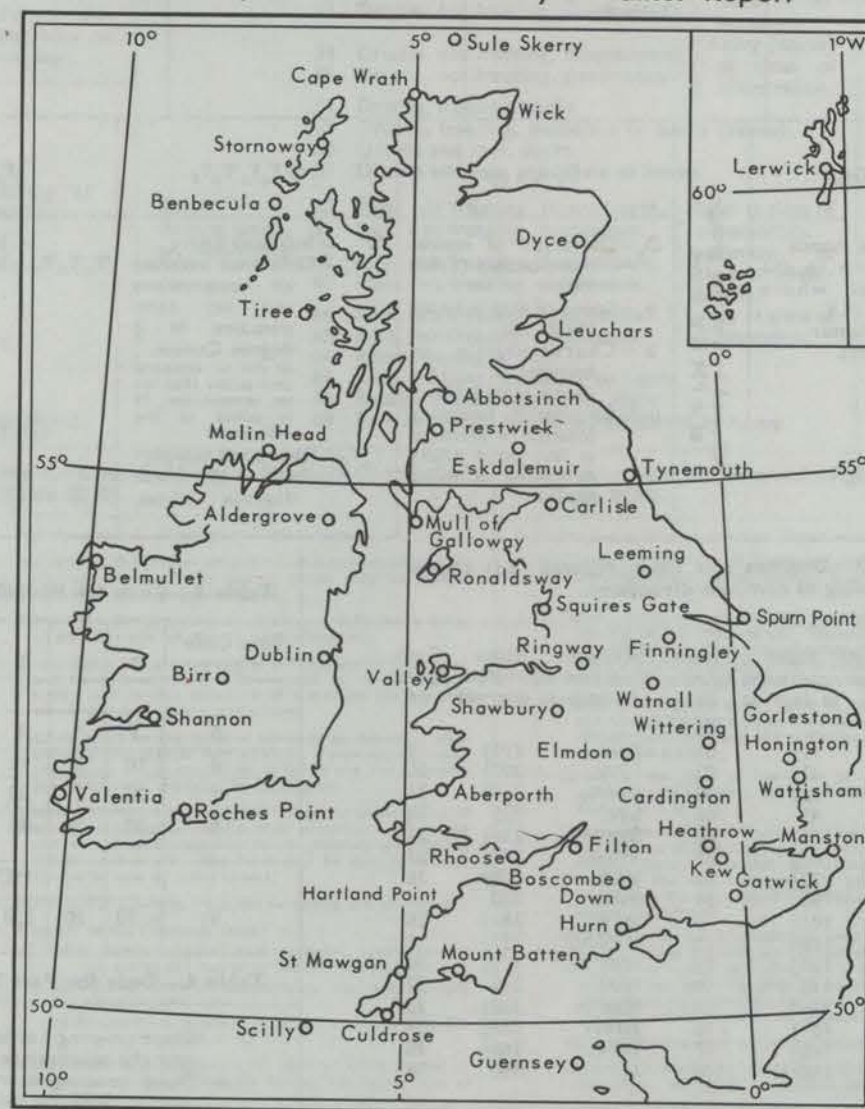
(INTRODUCTION)

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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 _a L _s L _a	Q _c L _o L _o L _o
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 _a L _s L _a = Latitude in tenths of a degree.	Q _c = Quadrant of the globe (Table 17). L _o L _o L _o = Longitude in tenths of a degree.
PPP TT	N _h C _L h C _M C _H	YY GG i _w	D _s v _s 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 21V) only the tens and units figure of air temperature are reported. The tenths figure is reported by t_r.</small>	N _h = Fraction of celestial dome covered by C _L (or C _M if no C _L). C _L = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C _M = Form of Medium Cloud (Table 7). C _H = Form of high cloud (Table 8).	YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i _w = Wind indicator (Table 18).	D _s = Direction of movement of ship (Table 14). v _s = 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 _d T _d a pp	8 N _s C h _s h _s	O T _s T _s T _d T _d	I T _w T _w T _w T _w
T _d T _d = 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 _s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h _s h _s = Height of base of cloud (Table 12).	O = Indicator figure. T _s T _s = 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 _d T _d = Dew point temperature in whole degrees Celsius.	I = Indicator figure. T _w T _w T _w = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added. T _r = The tenths figure of the air temperature.
RR T _x T _x E	RR T _n T _n E	3 P _w P _w H _w H _w	d _w d _w P _w H _w H _w
RR = Rainfall (Table 19) (Code 3577) (09h–21h). T _x T _x = Maximum temperature in whole degrees Celsius (09h–21h). T _n T _n = Minimum temperature in whole degrees Celsius (21h–09h).	T _x T _x = Maximum temperature on grass in whole degrees Celsius (21h–09h). T _n T _n = 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 _w P _w = Period of waves in seconds. H _w H _w = 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 _w d _w = Direction (in tens of degrees) from which waves come. P _w = Period of waves (Table 16). H _w H _w = 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_h, N_s)

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		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	Slight or moderate duststorm or sandstorm.		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.	moderate at time of observation.
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.		34	Severe duststorm or sandstorm.		74	Intermittent fall of snow flakes.	
	05	Haze		35			75	Continuous fall of snow flakes.	
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation		36	Slight or moderate drifting snow.		76	Ice prisms (with or without fog).	heavy at time of observation.
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.		37	Heavy drifting snow.		77	Snow grains (with or without fog).	
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.		38	Slight or moderate blowing snow.		78	Isolated starlike snow crystals (with or without fog).	
	09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.		39	Heavy blowing snow.		79	Ice pellets type (a).	
	10	Mist.	40-49 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.	
	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 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.	slight moderate or heavy.
	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 during the preceding hour, but not 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.	thunderstorm 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.	Code 8.—Code for form of High Cloud (CH) (Code 0509)	<p>The expression "at the station" refers to a land station or a ship at the point from which observations are normally taken.</p> <p>* Tornado cloud or water spout.</p> <p>† 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.</p> <p>(a) Frozen raindrops or largely melted and refrozen snowflakes.</p> <p>(b) Pellets of snow encased in a thin layer of ice. HAIL is defined as small balls or pieces of ice (hailstones) with a diameter ranging from 5 mm. to 50 mm. or sometimes more, falling either separately or agglomerated into irregular lumps.</p>		
	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, but the continuous veil does not reach 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.

Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)		Table 11.—Code for Type of Cloud (C) (Code 0500)		Table 12.—Code for Height of Cloud (h_sh_s) (Code 1677)	
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.	
				Table 13.—Code for State of Ground (E) (Code 0900)	
				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.	
Table 14.—Code for Direction in which Ship has moved (D_s) (Code 0700)		Table 15.—Code for Speed of Ship (v_s) (Code 4451)		Table 16.—Code for Period of Waves (P_w) (Code 3155)	
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	

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 262

MONTHLY SUMMARY

For OCTOBER 1977

MILD; OFTEN DRY IN SOUTH AND EAST, OCCASIONAL
HEAVY RAIN IN NORTH AND WEST

On the 1st, northwesterlies covered the whole of the British Isles but during the next two days these were replaced by west to southwest winds as a depression from the Atlantic deepened and moved northeastwards to a position just south of Iceland. By the 4th, the fronts associated with this depression had moved quickly eastwards over all districts. On the 5th the same depression moved southwards over western districts and, on the 6th and 7th, became almost stationary over Biscay while fronts were accelerated northwestwards over the British Isles. Another low from the Atlantic became slow-moving to the north of Ireland on the 8th and formed a complex area of low pressure with the original centre over Biscay. The whole complex depression subsequently drifted erratically north-northeastwards, displaced by a ridge of high pressure which crossed the country on the 10th. Between the 11th and 22nd a large anticyclone became established over Europe, blocking the eastern progression of depressions from the Atlantic but fronts crossed the British Isles from time to time in a mainly southerly airstream. By the 23rd, the European high had drifted far enough southwards to allow Atlantic depressions to move northeastwards to the north of the British Isles, their associated fronts crossing most areas. High pressure became established from the Azores to central Europe by the 25th and for most of the remainder of the month fronts were very weak in southern districts. However, a cold front which crossed the country on the 30th and 31st was much more active.

During most of the first two weeks there were showers or outbreaks of rain interspersed with clear or sunny periods. Rainfall was heavy at times and was occasionally accompanied by thunder and hail. During a night of exceptionally heavy rainfall in western Cornwall, 92.5 mm of rain was recorded at Falmouth in the twelve hours ending at 0900 GMT on the 6th. A tornado caused fairly extensive damage at Grantham (Lincolnshire) on the evening of the 8th. From time to time fog patches developed at night but dispersed fairly rapidly after dawn except on the 8th when they were slow to clear in eastern England. Westerly or northwesterly gales occurred in many northern and western districts on the 1st and early on the 2nd. Winds moderated generally thereafter although there were easterly gales in northeastern Scotland for a short time on the 7th and south to southwest gales in western districts of the United

Kingdom on the 11th and 12th. Temperatures were rather variable during early October and ground frost occurred at night from time to time but, after the 12th, south to southwest winds predominated and mild weather lasted for most of the rest of the month. Between the 15th and 18th temperatures reached 21°C (70°F) or more in parts of North Wales and in a few other places in northern and western Britain. From the 14th to the 21st overnight fog was often widespread, dense and persistent in parts of northern England, eastern Scotland and Shetland. Rainfall was sparse during this time but between the 18th and 21st it became more frequent and heavier and there were scattered thunderstorms. Thereafter, outbreaks of mostly slight rain were more frequent in the north and west while southern, central and eastern districts were often fine; there were clear or sunny periods and a few fog patches at night. Winds were stronger from the 21st onwards and southwesterly gales occurred at times in many northern and western districts. On the 30th and 31st, south to southwest winds reached storm force in places in the north and west and very heavy rain fell in western Scotland and northwestern England. In these districts, a number of stations recorded 12 hour rainfall totals of 60mm or more on the night of the 30th/31st and in the 24 hour period ending at 0900 GMT on the 31st, 139.1mm of rain fell at Causeway Foot, near Keswick (Cumbria).

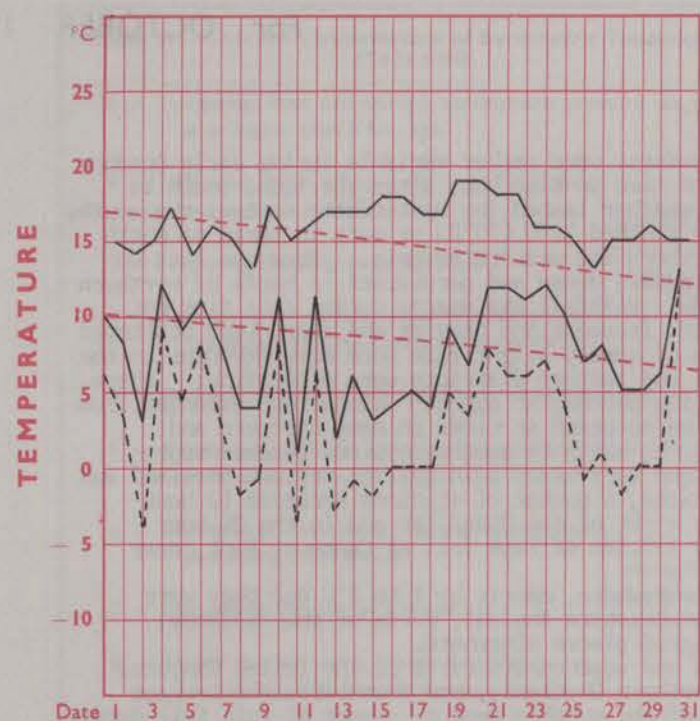
Mean temperatures were above average everywhere, mostly by 1 to 2°C but they were nearer normal in northern Scotland, northeastern England, parts of the Midlands, southwestern England and in a few isolated places elsewhere. Rainfall was above average in northern and western districts of the United Kingdom. The highest percentages occurred in southern Scotland, more than twice the average being recorded in Edinburgh where 85% of the monthly average amount of rain fell during the night of the 30th/31st. Remaining districts were drier than average, some places in the east and south having only about one half of their average rainfall. In many places sunshine totals were near or above average but in northern Scotland in particular they were below average. In Shetland where the sunshine recorded was only about 60% of the average, Lerwick had its dullest October since 1945.

PLACE	TEMPERATURE										SUNSHINE								RAINFALL													Days with thunder	Days with snow or rain and snow (Vis. \geq 200 metres at 09 h.)	Days with fog (Vis. \leq 200 metres at 09 h.)
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0°C	No. of air-frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% 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 mm.	% of average	Highest and lowest totals on record for month								
																First year of record	Highest hrs.	Year	Lowest hrs.	Year						First year of record	Highest mm.	Year	Lowest mm.	Year				
Kew Thorney Island	16.0	+1.2	07.5	+0.6	18.8	19	00.6	11	10	00	01	09.2	01	127	125	1880	160	1959	051	1894	18	31	20	054	104	1866	151	1880	04	1947	02	00	02	
Cardington	16.2	+1.4	07.5	+1.2	19.9	20	-00.3	11	06	01	01	09.6	01	113	112	1949	155	1959	061	1976	19	08	21	022	048	1947	102	1960	02	1969	01	00	03	
Boscombe Down	15.1	+0.7	08.2	+1.2	18.3	16	02.3	11	05	00	03	08.7	10	102	098	1932	148	1959	045	1968	15	12	20	063	085	1931	213	1960	04	1969	02	00	03	
Rhoose Mount Batten	15.0 15.7	+0.5 +0.9	09.7 11.1	+1.7 +1.7	18.3 19.3	19 (a)	04.3 04.0	28 28	03 00	00 00	06 07	09.4 09.3	10 10	086 119	084 106	1954 1921	138 155	1959 1962	045 052	1968 1968	15 15	15 20	31 30	073 047	079 051	1954 1921	213 210	1960 1960	13 12	1969 1969	02 00	00 00	00 00	
Elmdon Valley	14.6 15.8	+0.7 +1.6	07.7 10.9	+1.2 +2.0	17.6 23.2	20 16	01.6 07.3	11 08	03 00	00 00	03 03	10.0 09.5	01 16	097 118	105 113	1945 1946	140 151	1959 1965	055 053	1960 1968	19 13	09 45	08 30	037 122	066 140	1940 1941	149 179	1949 1961	05 09	1969 1947	00 00	00 00	03 00	
Ringway Watnall	14.8 14.1	+1.1 +0.4	09.1 08.2	+1.8 +1.3	19.2 17.9	18 22	05.1 02.9	05 28	00 04	00 00	02 05	08.7 08.2	15 25	117 081	126 095	1945 1948	136 130	1959 1959	062 045	1960 1960	14 15	08 11	01 19	061 045	081 080	1942 1941	139 143	1954 1960	14 08	1946 1947	01 00	00 00	00 05	
Finningley Tynemouth	14.7 13.7	+0.2 +0.7	07.6 09.1	+0.5 +0.7	17.6 17.0	22 22	01.9 04.9	11 03	08 00	00 00	08 09	08.3 08.0	25 01	092 086	098 092	1958 1936	133 133	1959 1958	050 042	1960 1960	18 18	04 13	21 03	024 045	053 090	1958 1864	138 196	1960 1903	11 07	1972 1969	01 01	00 00	05 02	
Eskdalemuir Abbotsinch	13.4 14.0	+1.8 +1.0	06.5 08.7	+1.4 +1.9	19.4 17.5	15 19	-00.3 01.3	11 11	07 04	01 00	08 05	07.5 08.4	17 02	084 075	108 099	1911 1921	130 114	1959 1967	040 030	1976 1940	07 09	95 32	30 30	275 164	191 156	1911 1921	331 223	1967 1967	12 20	1951 (a)	01 00	00 00	00 00	
Leuchars Dyce	13.7 13.2	+0.8 +0.8	07.9 07.6	+1.3 +1.8	17.7 16.6	21 19	02.5 01.4	03 05	02 06	00 00	05 07	07.8 07.5	05 02	094 077	093 082	1921 1941	143 135	1958 1958	048 030	1960 1960	12 17	39 20	07 07	105 077	181 096	1921 1942	158 199	1932 1960	05 14	1951 1972	00 00	00 00	00 00	
Stornoway Aldergrrove	12.9 14.1	+0.9 +1.2	08.3 08.9	+1.4 +1.7	16.9 17.2	17 16	02.7 03.5	09 03	03 01	00 00	07 04	08.9 07.8	08 22	069 086	092 110	1880 1927	135 117	1898 1939	034 049	1921 1954	09 12	34 21	11 03	143 089	117 103	1943 1927	220 176	1957 1976	19 19	1946 1951	00 02	00 00	00 00	

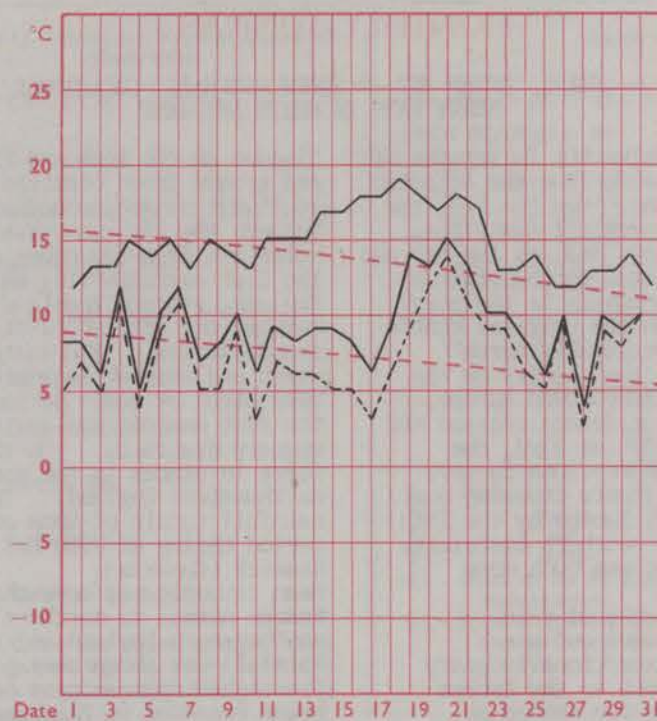
(a) 16, 17

(a) 1946, 1951

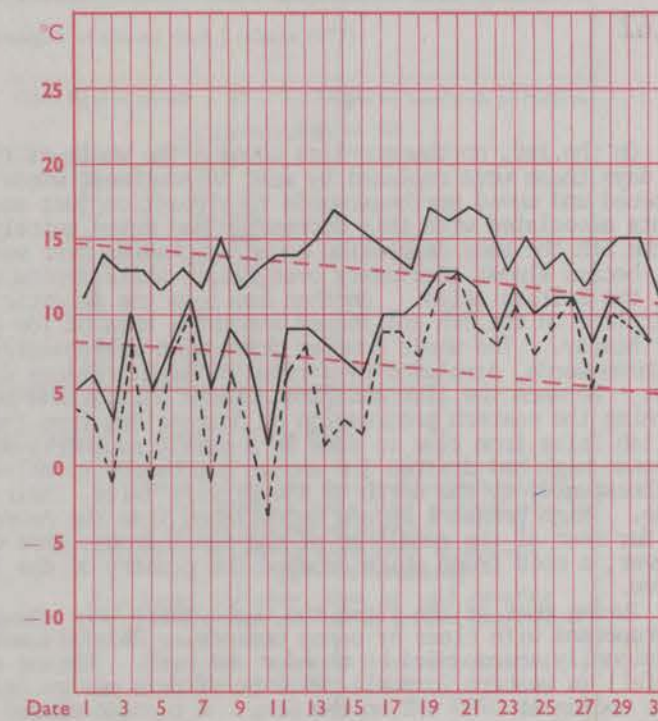
LONDON (Kew)



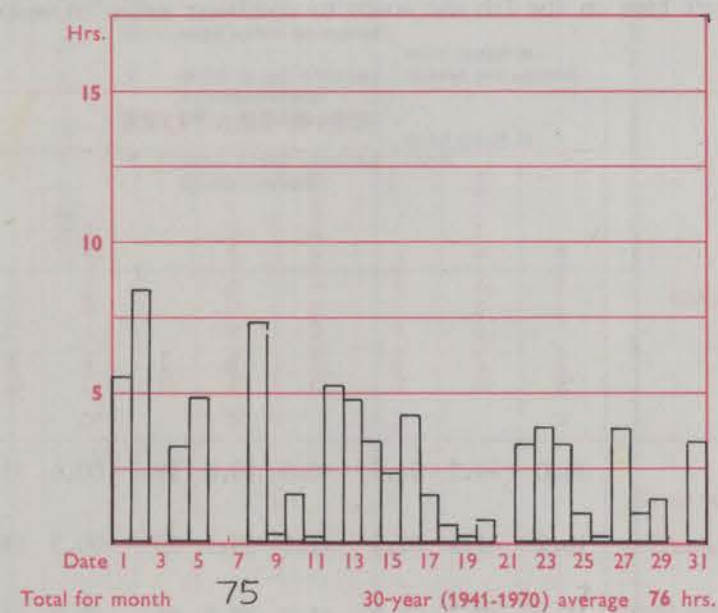
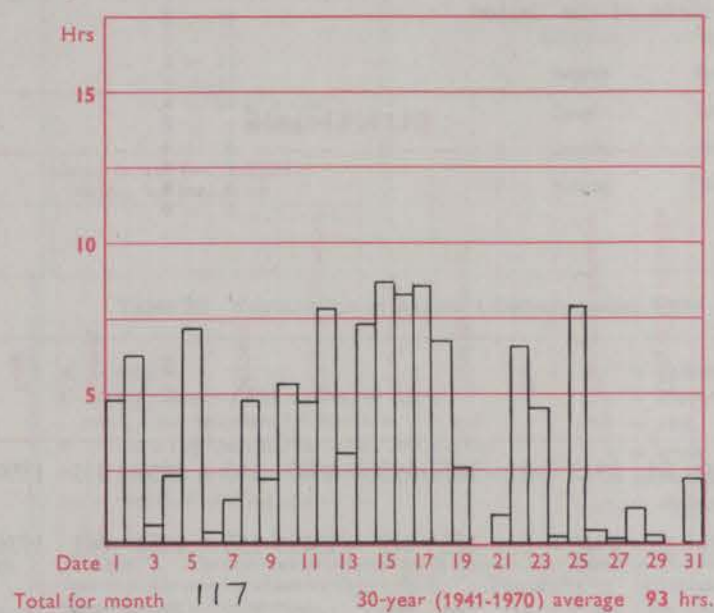
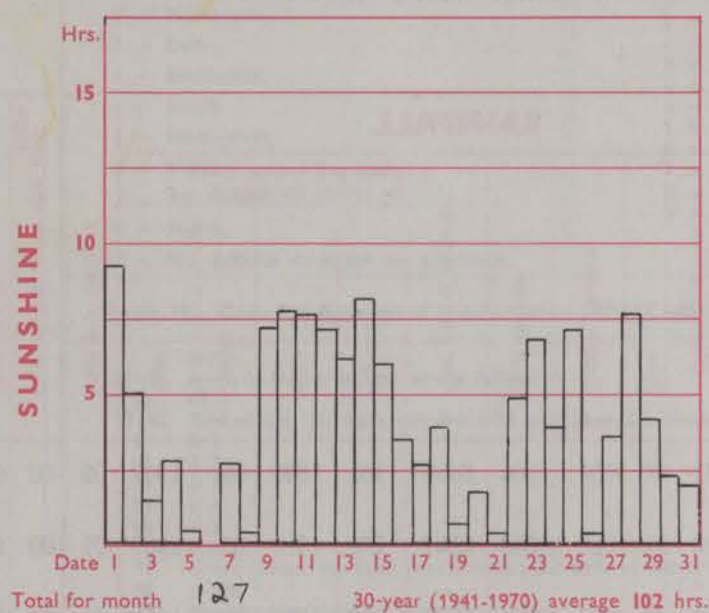
MANCHESTER (Ringway)



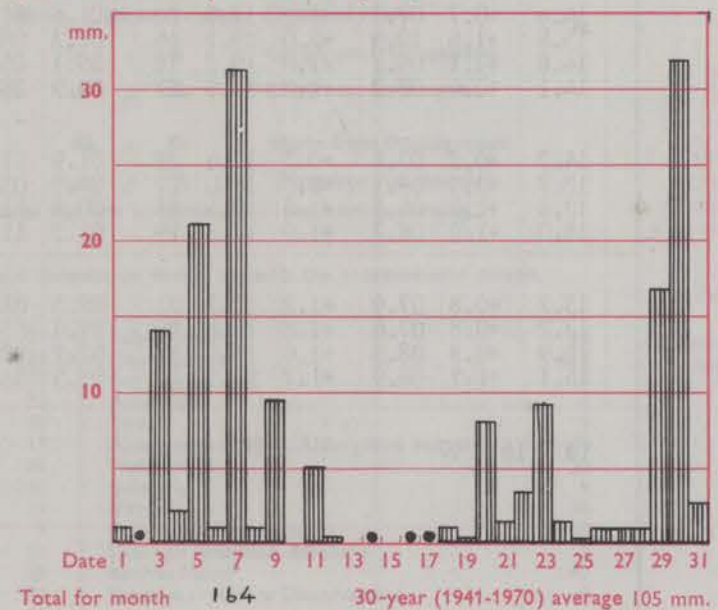
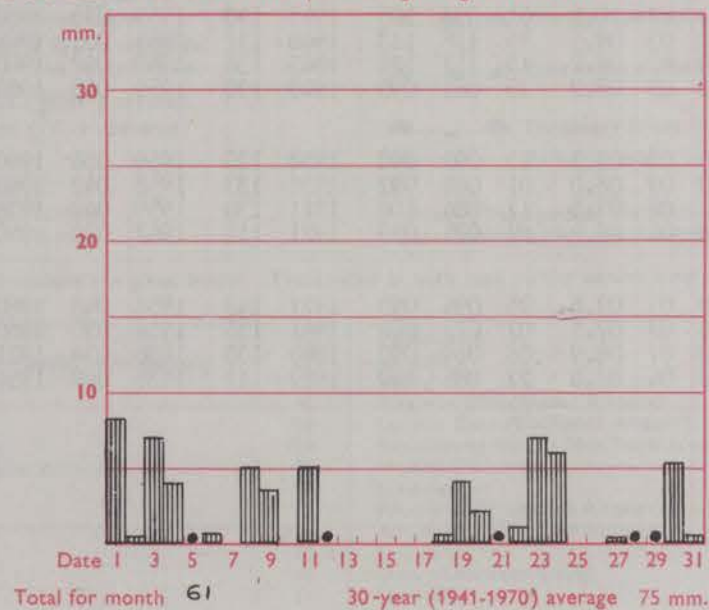
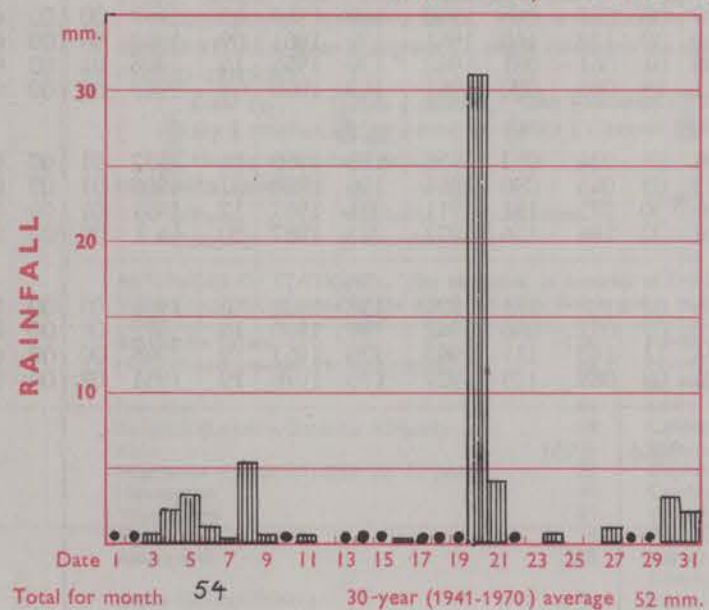
GLASGOW (Abbotsinch)



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



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



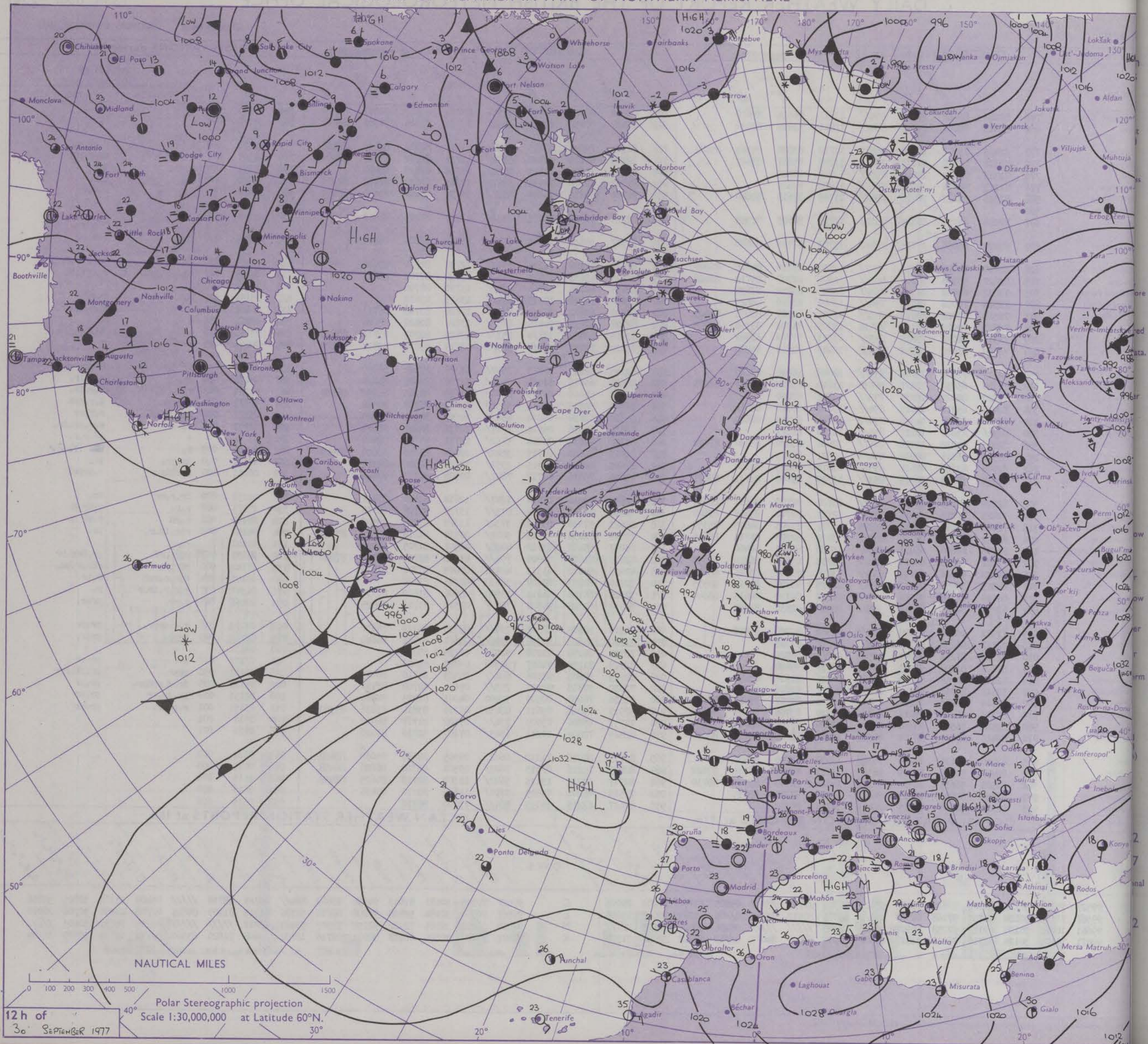
ISSN 0307-2541

Date of Issue SATURDAY 1 OCTOBER 1977

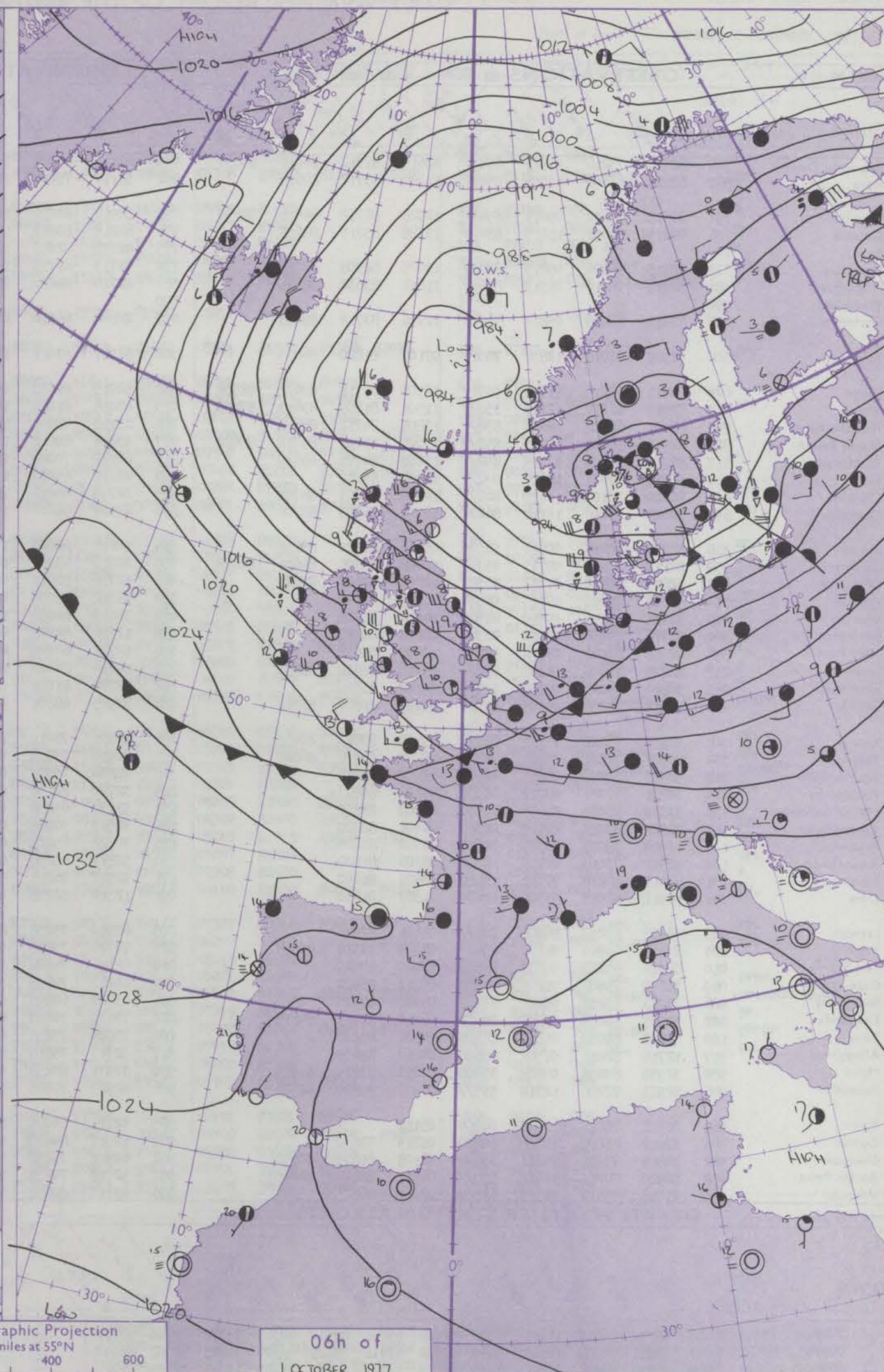
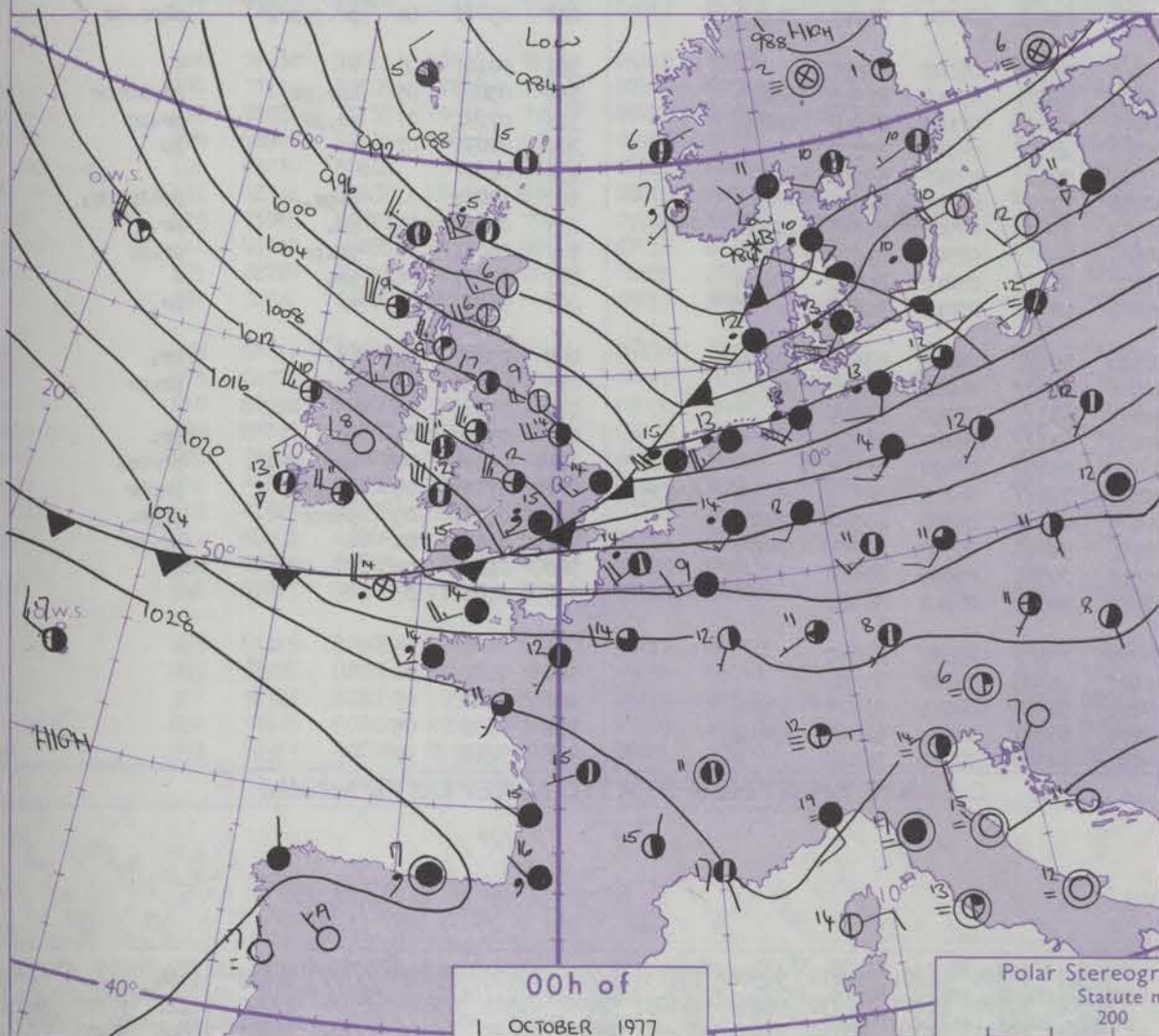
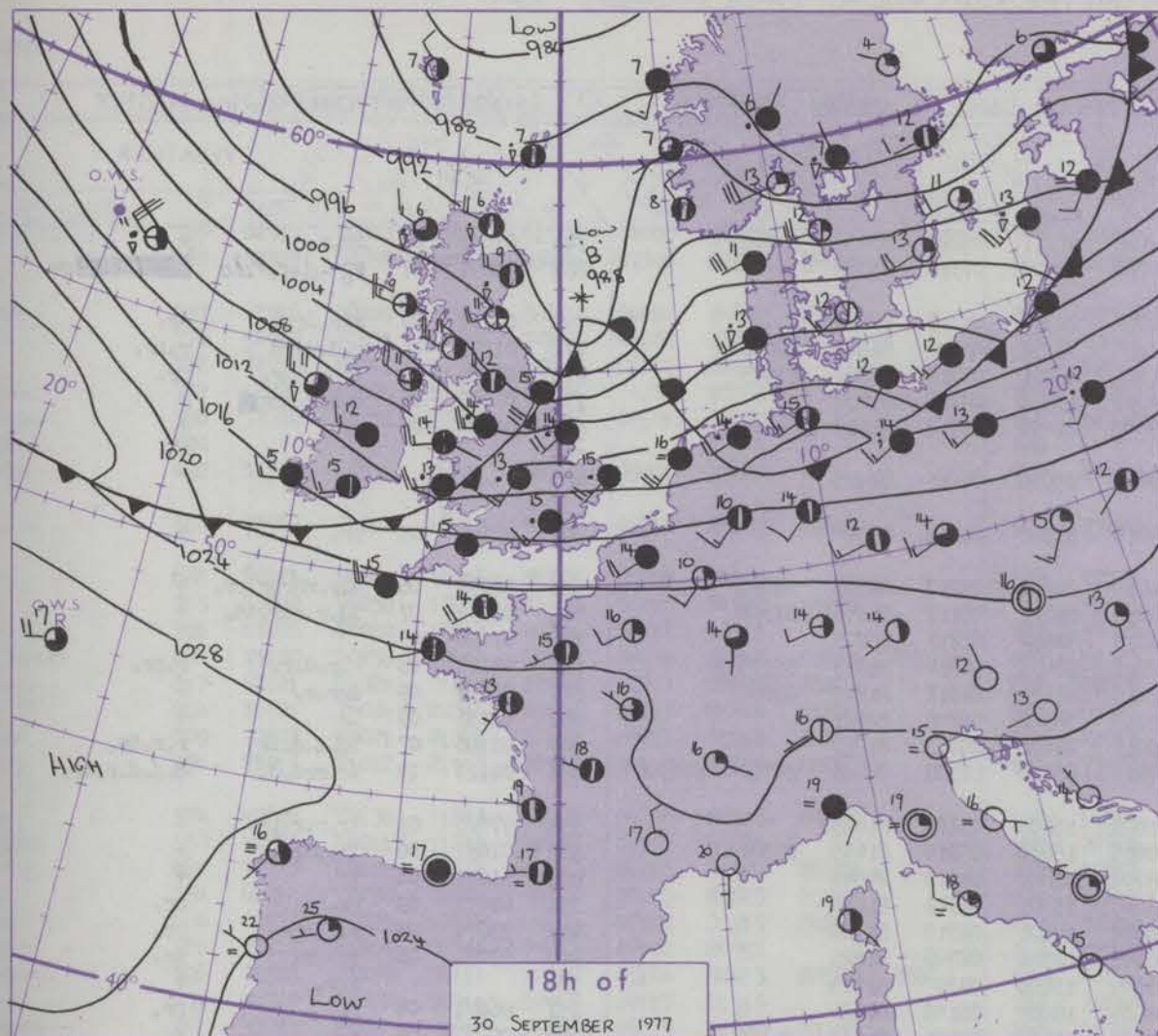
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O.W.S.	99L ₃ L ₃ L ₄	QcLoLoLoLo	YYGGIw	Nddff	VVwwW	PPPTT	N _h ChC _M CH	D ₅ sapp	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT ₅ T ₅ T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L ₃ L ₃ L ₄	QcLoLoLoLo	YYGGIw	Nddff	VVwwW	PPPTT	N _h ChC _M CH	D ₅ sapp	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT ₅ T ₅ T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
C	99527	70355	30121	81105	97616	23008	5742/	00308	////	////	05605	11176	30201	20006	C	99527	70355	30181	81013	94536	18609	864//	00729	88710	////	05409	11188	30705	33206
L	99567	70175	30124	72731	97168	06309	694/2	61801	85912	////	0//05	11269	30607	23008	L	99567	70180	30184	52928	97808	08710	59300	61215	81909	84815	0//06	11206	30706	26010
M	99661	10021	30124	62122	97258	76907	59460	52308	////	////	05106	10825	30505	////	M	99660	10020	30184	72122	97258	78907	59461	00212	////	////	05205	10832	30605	////
R	99471	70171	30124	42716	98010	31817	21502	00004	82820	84075	0//13	11723	30502	31904	R	99471	70170	30184	62618	98011	29716	12531	00608	81820	83360	0//14	11719	30503	31904

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 SYNOPSIS DEVELOPMENT

A deep depression was slow-moving over the Norwegian Sea during the past 24 hours maintaining a strong westerly or northwesterly flow over the British Isles with frontal troughs moving south and east across central and southern districts. The depression in the Norwegian Sea

is expected to move slowly southeast and fill a little during the next 24 hours maintaining a strong northwesterly flow over the British Isles. The flow will slacken a little in southwestern districts.

Issued at midday SATURDAY 1 OCTOBER 1977

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

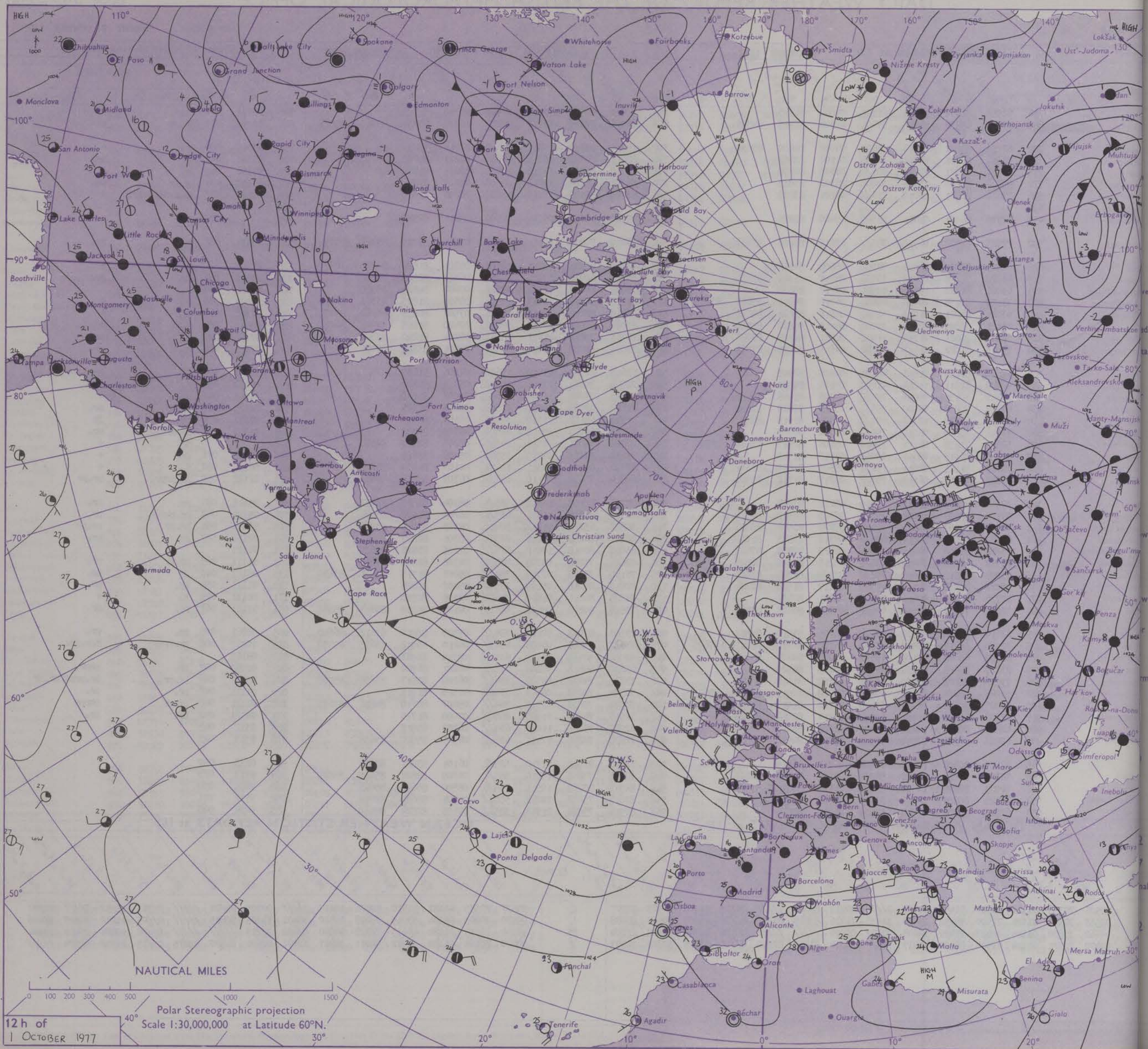
ISSN 0307-2541

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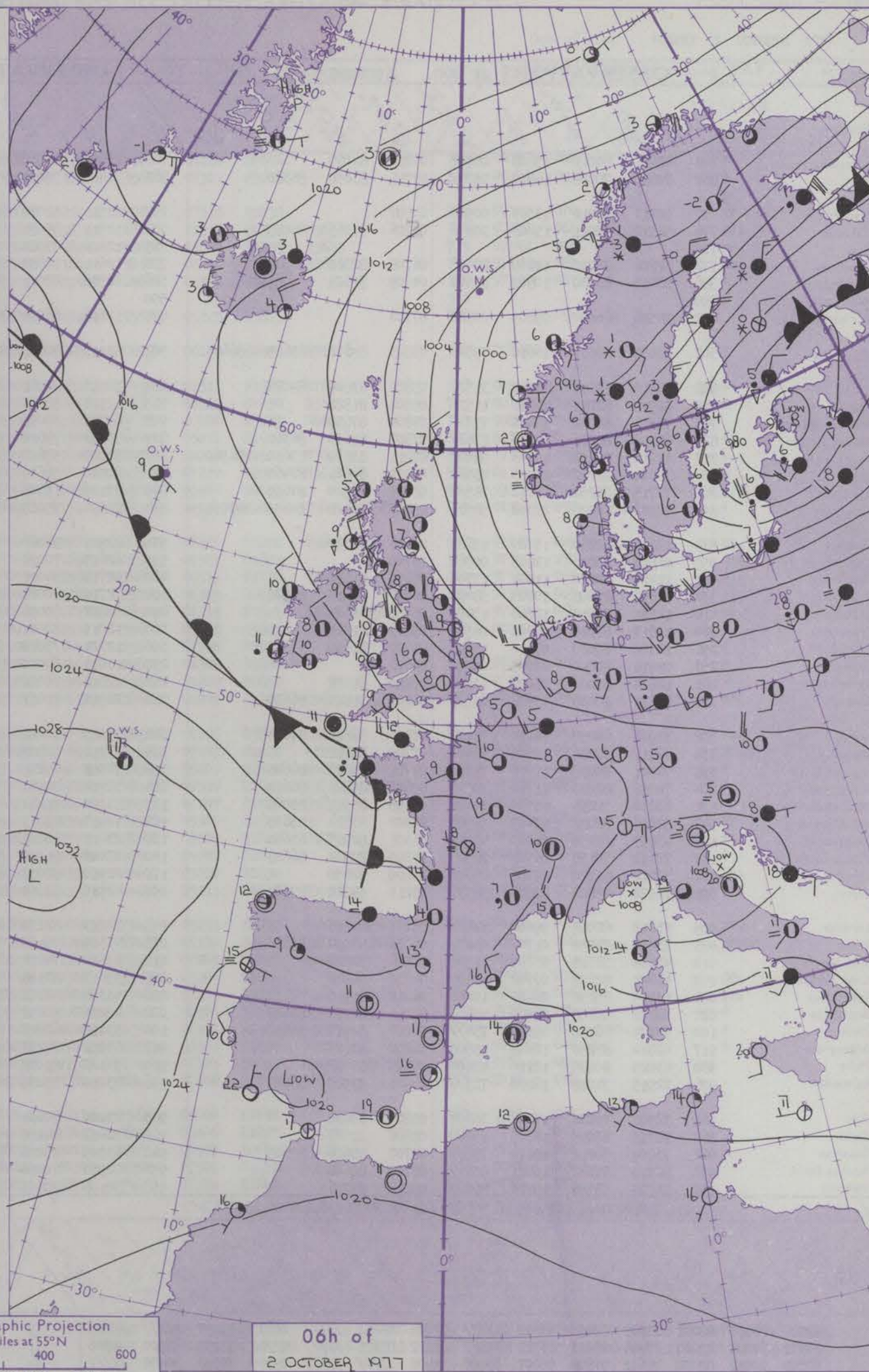
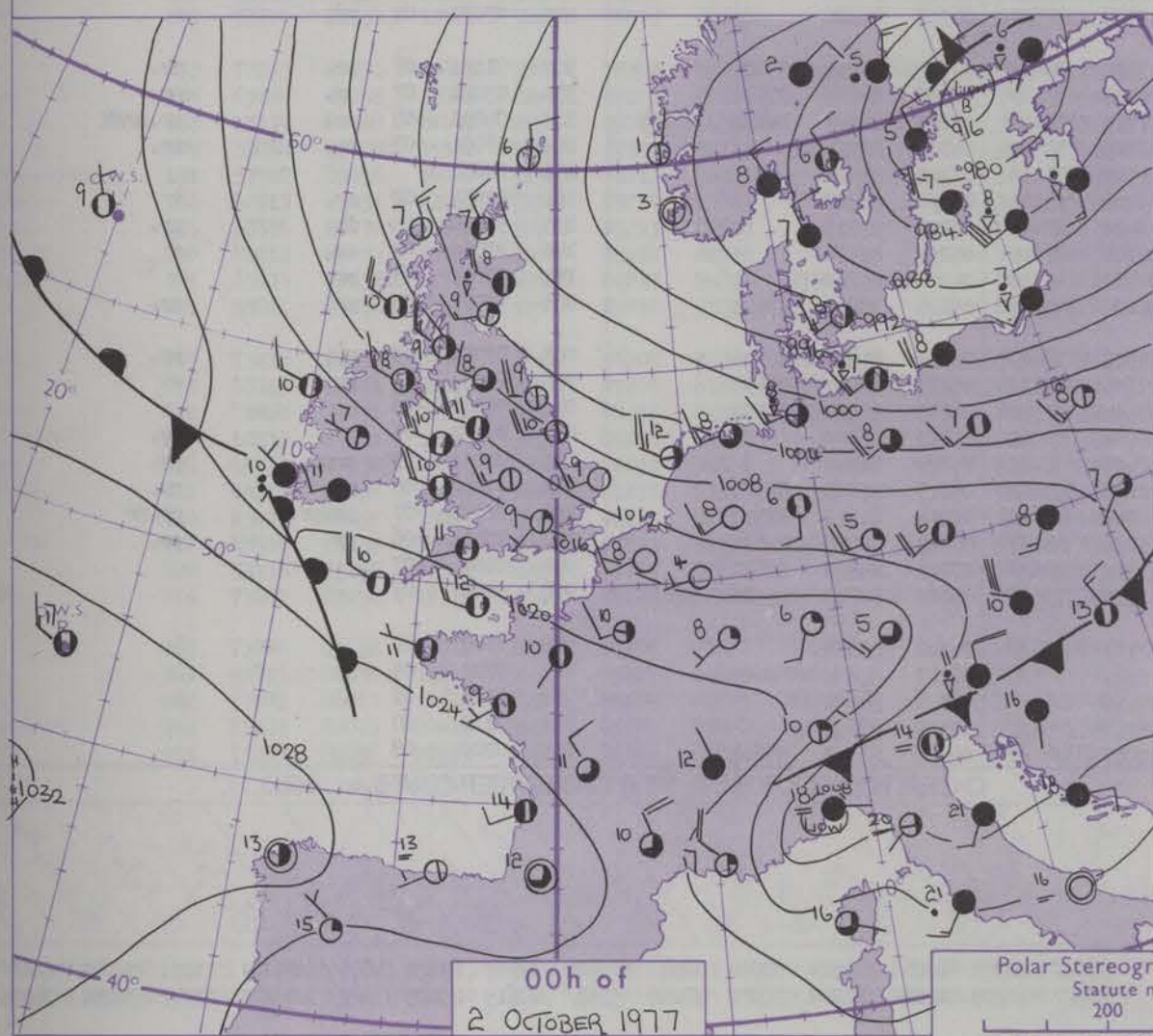
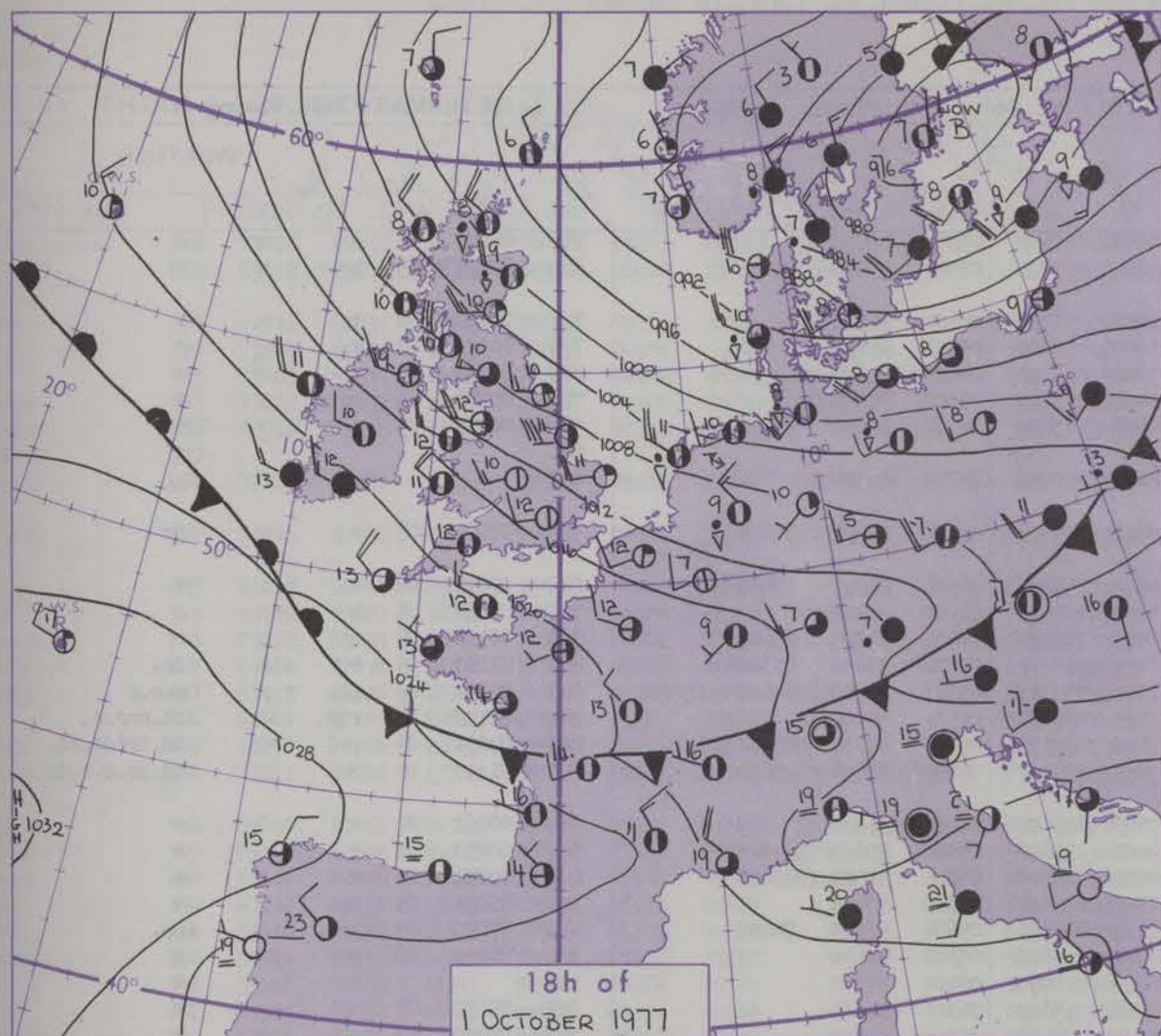
Date of Issue SUNDAY 2 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		1 OCTOBER 1977										1 OCTOBER 1977														
Station																						WEATHER				

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

Over the past 24 hours a deep depression has moved steadily east across southern Sweden and Finland. With pressure remaining high between the Azores and Spain the unstable northwesterly airstream has persisted over the British Isles. During the next 24 hours

the depression will move further east with some filling, and a gradual decrease is expected in the strong northwesterly winds over the North Sea and British Isles. The small wave depression over southwest England this morning will move away southeastwards.

Issued at midday SUNDAY 2 OCTOBER 1977

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

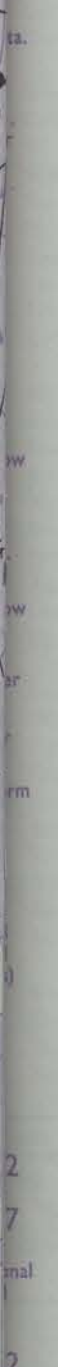
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Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	RRR _n T _n E	T _g T _g	WEATHER		Station			
																						21h.—03h.	03h.—09h.				
Boscombe Down	746	42611	80011	15808	00902	05810	84070			746	23005	82030	15006	25600	05301	82640			746	00050	51	+	+	Boscombe Down			
Hurn	862	72610	70028	16810	35777	07711	83650	86360		862	32405	70031	15509	35700	07501	83650			862	97071	05	pr.r.	+	Hurn			
Manston	797	02413	82010	13507	00900	05807				797	22511	82030	12007	18430	04604	81815			797	00060	03	+	+	Manston			
Gatwick	776	52512	75021	15408	30932	05706	83365	84075		776	12511	80031	13907	15700	05503	81650			776	00071	03	+	+	Gatwick			
Kew	775									775	12406	75020	13208	15700	04605	81656			775	00080	03	+	+	Kew			
Heathrow	772	32206	75030	14609	20952	06708	82365			772	12611	80030	13408	15740	05502	81656			772	00070	05	+	+	Heathrow			
Honington	586	12415	80030	10808	15500	04809	81625			586	42518	82011	09608	45601	04604	84640			586	00071	05	+	+	Honington			
Wattisham	590									590									590						Wattisham		
Gorleston	497	02516	66020	09809	00900	07704				497	12616	66030	08008	10930	05705	81358			497						Gorleston		
Aberporth	502	73022	80031	16610	75577	07803	81620	83625	86645	502	53119	80021	15610	58500	05602	82822	83630		502	00101	08	+	jp		Aberporth		
Filton	628	62915	80011	16110	31531	05805	83820	84075		628	52913	82031	14809	58400	06502	81817	85630		628	00090	06	+	+		Filton		
Rhoose	715	22918	82018	16210	11571	05804	81822			715	12913	82031	15109	18400	06102	81815			715	00080	06	+	+		Rhoose		
Hartland Point	703	73018	80022	18412	75777	07804	87650			703	63218	80012	16712	68577	07806	84825	85646		703	00120	09				Hartland Point		
Mount Batten	827	62912	80031	19012	15637	07807	81630	86360		827	73013	75602	17011	35731	08706	83650	83360		827	97101	09	+	ir.		Mount Batten		
St. Mawgan	817	72916	80802	19713	58477	07811	83819	83630	86360	817	83008	58618	17710	55327	09707	82708	84622	88550	817	03091	09	pr.	r.r.r		St. Mawgan		
Scilly	804	73022	75022	20913	45527	09809	84621	87460		804	80000	56636	17311	87377	11721	88708			804	04112		r.r.	id.r.r.r		Scilly		
Culdrose	809	72713	70252	20212	78577	08711	81820	87635		809	83105	15528	17810	87177	09811	84702	88704		809	03091	09	pr.	id.iridd.id.		Culdrose		
Guernsey	894	72816	82028	20312	58532	05709	81828	84650	87075	894	82914	75028	17912	88477	08709	85816	87650		894	91111	10	id.	id.pr.d.r.dr		Guernsey		
Elmdon	534	12614	82030	13009	15600	03706	81630			534	22508	82020	12606	28500	04400	81820			534	00061	02	+	+		Elmdon		
Cardington	559	02516	80020	12808	00900	05709				559	62615	70021	12007	55602	05400	85640	84075		559	00050	01	+	+		Cardington		
Wittering	462	12410	82020	11407	15700	05605	81650			462	42714	84021	10508	48500	05301	81820	83635		462	00071	04	+	+		Wittering		
Watnall	354	52612	70808	10708	58400	06609	82815	85625		354	72710	80038	10509	75477	05305	87618			354	92081	05	pr.	+		Watnall		
Shawbury	414	12511	75010	12808	15600	05710	81645			414	52812	80031	12109	48503	05604	81825	84645		414	97070	03	+	pr.		Shawbury		
Finningley	360	12813	82018	08809	18500	05803	81823			360	12915	82021	08709	15600	05302	81630			360	00091	06	+	+		Finningley		
Spurn Point	396	12720	80030	07610	15600	06707	81630			396	12724	75020	06809	10970	05400	81360			396			+	+		Spurn Point		
Leeming	257	02816	84010	07209	00900	04606				257	13018	84020	08109	15600	04311	81630			257	00080	05	+	+		Leeming		
Tynemouth	262	12824	81020	05209	10940	05000	81358			262	22818	80020	07107	25600	05216	82630			262	00070	03	+	+		Tynemouth		
Carlisle	222	62811	80038	07908	68577	06207	81820	86640		222	22912	81011	09308	28530	06312	81820			222	97071	04	pr.	+		Carlisle		
Valley	302	72924	66258	14210	78477	07804	86816	87624		302	73015	80028	13910	78477	06501	83818	87628		302	91101	07	pr.	pr.		Valley		
Ringway	334	32917	70258	10909	38400	07709	82818			334	73312	62808	11308	78577	07207	84820	87635		334	03081	07	pr.	pr.		Ringway		
Squires Gate	318	72921	80038	11111	78577	07701	85825	86645		318	72918	65258	11211	78477	08205	82818	84822	86635	318	04091	08	pr.	pr.prpr		Squires Gate		
Ronaldsway	204	72818	82038	11710	78577	05602	85821	86650		204	32914	82028	12209	38500	06306	82821			204	97091	07	pr.	pr.		Ronaldsway		
Mull of Galloway	131	63230	70258	10709	39403	06105	83915	83068		131	53320	81252	11709	53500	07310	85920			131	02081					Mull of Galloway		
Eskdalemuir	162	52616	82038	07407	58500	04307	83822	85635		162	12915	83011	09206	18500	03312	81820			162	92051	02	pr.	+		Eskdalemuir		
Prestwick	135	43023	62258	08009	43500	06301	82925	83640		135	23413	80018															

ISSN 0307-2541

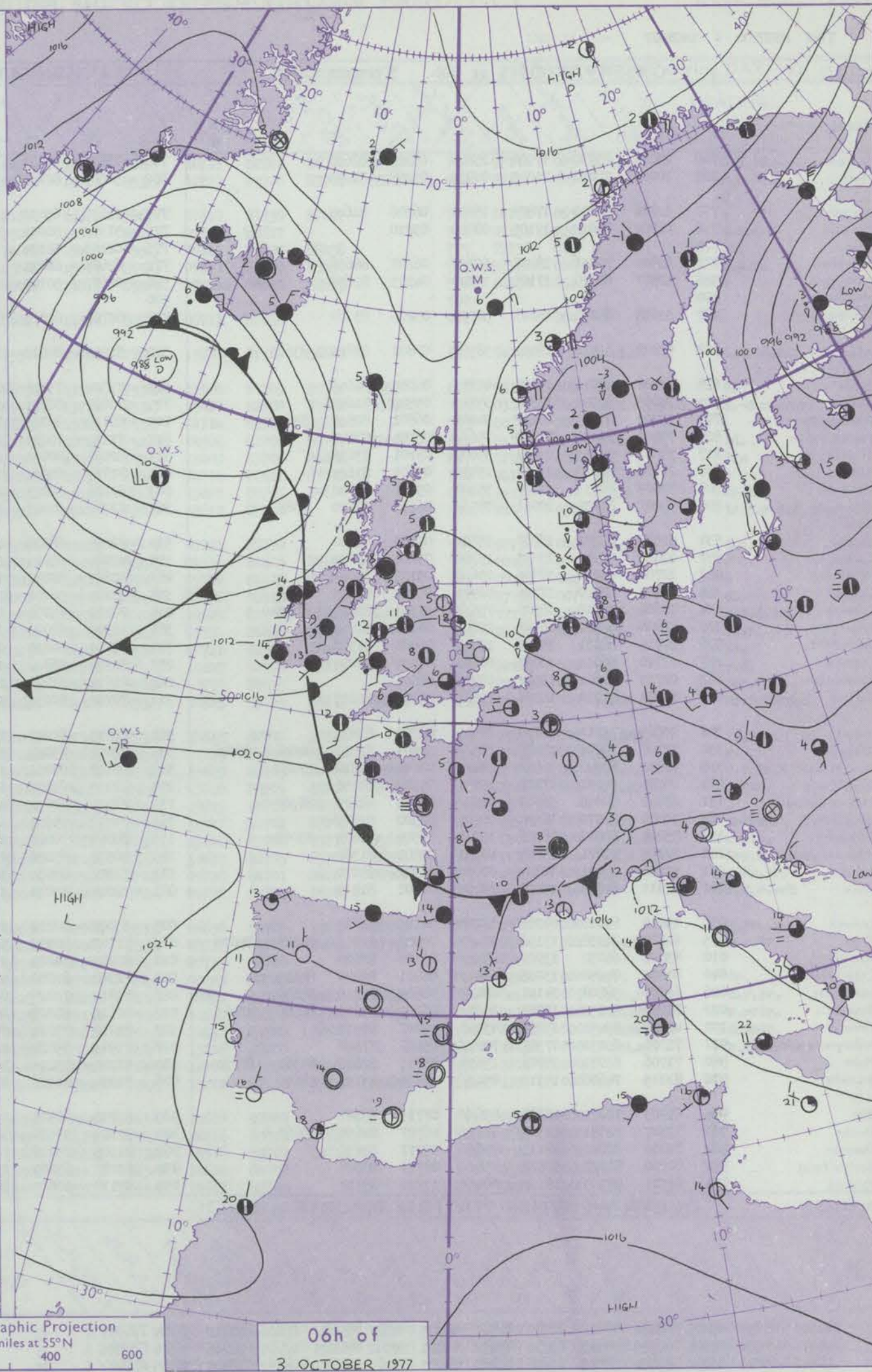
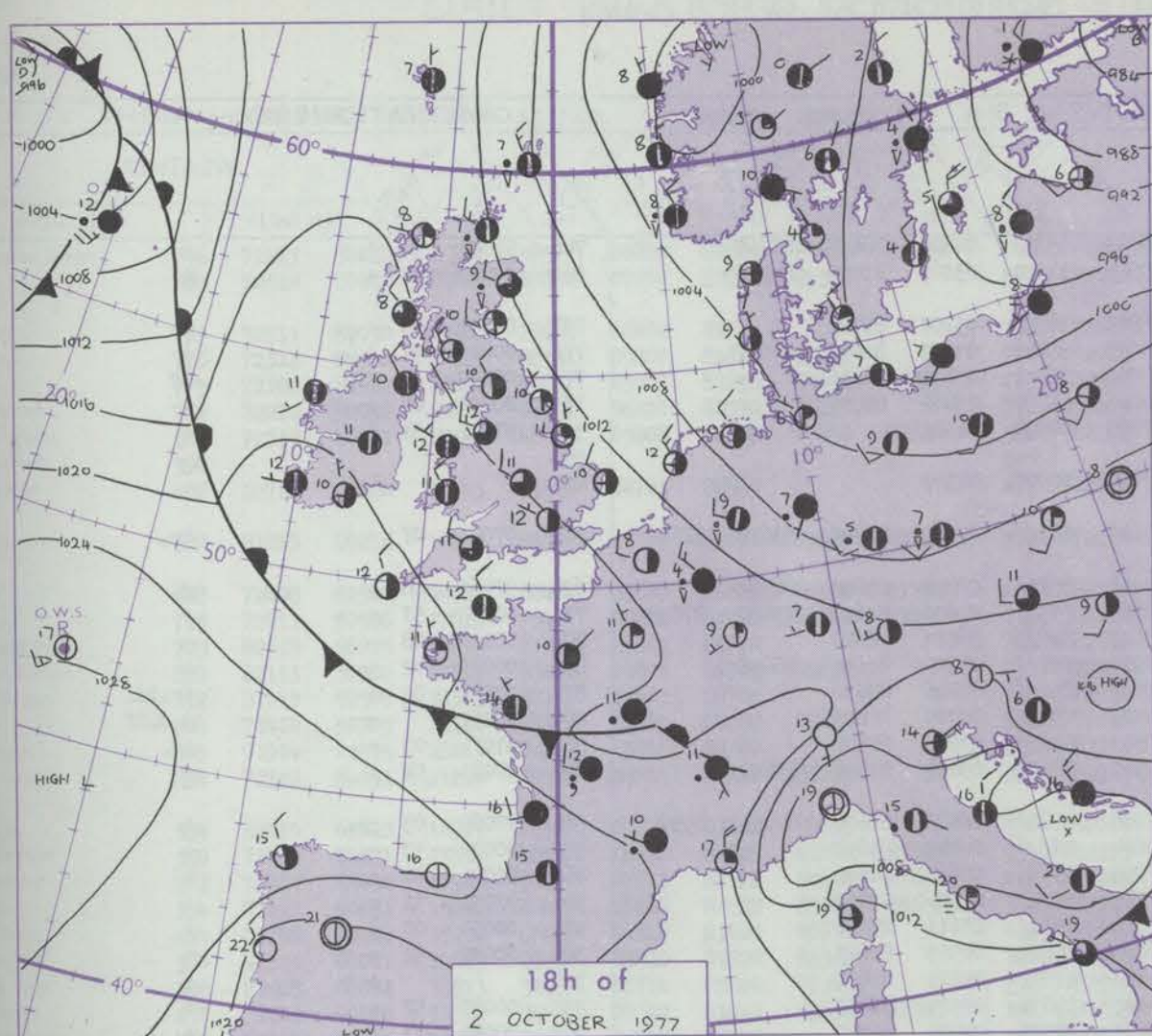
Date of Issue MONDAY 3 OCTOBER 1977

ode FM 21.V		OCEAN WEATHER STATION REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.														
d _w d _w P _w H _w	O.W.S.	99 L _a L _a L _a	Q _c L _o L _o L _o	YYGGI _w	Nddff	VVwwW	PPPTT	N _h C _h C _h	D _s sapp	8N _s Ch _s	8N _s Ch _s	OT _s T _s T _d	IT _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99 L _a L _a L _a	Q _c L _o L _o L _o	YYGGI _w	Nddff	VVwwW	PPPTT	N _h C _h C _h	D _s sapp	8N _s Ch _s	8N _s Ch _s	OT _s T _s T _d	IT _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	
///	C	99527	70355	02121	32216	98021	10311	23402	00404	82916	////	05108	11160	30908	////	C	99527	70355	02181	82415	98028	09110	856//	00607	88630	////	05208	11166	3////	27409	
005	L	99572	70209	02124	81428	97616	12810	4732/	00839	84709	88535	0//09	11240	30606	34006	M	99571	70205	02184	82224	95616	04812	6732/	51635	86707	88520	0//12	11265	30605	30006	
///	R	99470	70171	02124	62720	98012	29717	68500	00002	81825	86650	0//15	11726	30604	33004	R	99470	70170	02184	12516	98021	27717	15700	00709	81650	////	0//14	11731	30604	33003	

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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 fresh to strong northwesterly flow gradually moderated as a depression over Scandinavia moved away and a weak ridge moved east across the British Isles. During the next 24 hours the ridge will continue to move east as a depression south of Iceland

moves slowly towards north Scotland. The associated frontal troughs will move east across most districts but become slow-moving over Scotland.

Issued at midday MONDAY 3 OCTOBER 1977

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

OBSERVATIONS at 00h. 3 OCTOBER 1977										OBSERVATIONS at 06h. 3 OCTOBER 1977										OBSERVATIONS during NIGHT			
Code FM II.V	Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T T _n E	T _g T _g	WEATHER	
																						21h.—03h.	03h.—09h.
	Boscombe Down	746	23005	75030	19906	25800	05108	82657		746	71805	83021	19705	6583/	04601	86657	87360		746	97050	51 +	+	
	Hurn	862	10000	70030	20005	00901	05208	81075		862	50000	62111	19903	11531	03103	81820	84357		862	00010	51 +	+	
	Manston	797	12706	70010	17807	15601	06206	81645		797	12606	65010	18806	16301	05207	81709			797	00050	03 +	+	
	Gatwick	776	02202	82028	19105	00900	03210			776	51902	80031	19603	55701	03203	81650	85657		776	00010	51 +	+	
	Kew	775								775	62103	56104	19005	65701	05102	86656			775	00030	54 1f	1f	
	Heathrow	772	62805	75031	18907	657//	06207	86656		772	62604	68031	19206	65700	05400	86650			772	00050	00 +	+	
	Honington	586	12507	60020	17105	15700	04203	81650		586	02607	50100	17805	00900	04302				586	97041	51 +	+	
	Wattisham	590								590									590				
	Gorleston	497	32608	66031	16607	30930	05205	83360		497	02708	62021	17005	00900	04302				497				
	Aberporth	502	52809	84012	19411	58500	07802	82825	83645	502	81810	80602	17609	885//	07712	82820	83630	88642	502	97081	07 +	ir.	
	Filton	628	42904	80011	19909	45701	06205	84656		628	71804	75021	19108	3573/	07802	83650	86362		628	97060	00 +	r.	
	Rhoose	715	13005	82021	19807	15700	05500	81650		715	70000	80021	18909	755//	07601	82626	85628	87650	715	00060	51 +	+	
	Hartland Point	703	53202	89022	20212	54400	06801	82818	85627	703	82718	89022	18613	845//	06811	88820			703	00120	08		
	Mount Batten	827	70402	70031	21310	756//	08104	87647		827	71102	70021	20209	757//	07806	84650	86656		827	00071	02 +	+	
	St. Mawgan	817	33007	82011	21411	35600	03101	83630		817	82007	80021	20110	856//	05806	88630			817	97081	02 +	ir.id.	
	Scilly	804	22506	80020	21711	15530	07603	81625		804	71914	80021	19512	755//	09709	87625			804	92101	+	d.d.if	
	Culdrose	809	32805	80011	21709	35600	05002	83640		809	82106	80021	20511	856//	07605	88630			809	97071	03 +	id.	
	Guernsey	894	73207	84032	20911	785//	06105	82820	87635	894	72902	84021	20910	78432	05400	81818	87638		894	00091	04 +	+	
	Elmdon	534	52505	68031	18707	55701	05203	85650		534	72208	68028	18108	4563/	06606	81630	84650	85360	534	97060	03 pr.	+	
	Cardington	559	12605	65030	18303	15700	03204	81650		559	42406	65011	18604	45700	04502	84650			559	00030	53 +	+	
	Wittering	462	12706	68010	17506	15600	05102	81645		462	52603	59031	17905	45631	05601	84640			462	92041	00 +	+	
	Watnall	354	12105	68020	17706	00901	05304	81075		354	32204	56101	17705	35700	05504	83650			354	97051	51 +	+	
	Shawbury	414	72606	75018	18309	755//	07301	82620	87650	414	72104	75031	17308	7572/	07611	87650			414	00050	00 +	+	
	Finningley	360	12806	62020	16507	15600	06103	81645		360	12306	62020	16605	15600	04503	81645			360	00030	52 +	+	
	Spurn Point	396	22915	68031	15609	10941	06400	81360		396	22711	66030	16108	11501	05301	81820			396		+	+	
	Leeming	257	22710	86011	16007	00901	04500	82080		257	22302	86020	16103	15651	02505	81630			257	00020	52 +	+	
	Tynemouth	262	02711	81021	15507	00900	06000			262	22612	81020	15605	20930	04805	82360			262	00050	03 +	+	
	Carlisle	222	22802	82010	16205	15501	05202	81625		222	70702	80031	14702	25751	02713	82650	86362		222	00011	52 +	+	
	Valley	302	23005	75011	18110	28500	08703	81820		302	72213	82021	15912	755//	06716	81820	87656		302	97091	03 +	r.d.	
	Ringway	334	72707	70801	17409	785//	07601	82820	84626	334	72007	75028	17008	754/1	07707	82818	87640		334	97061	05 pr.	+	
	Squires Gate	318	72812	82022	16812	784//	08604	81818	87650	318	72502	80031	15711	5843/	08712	82818	84650	87362	318	97091	08 +	pr.	
	Ronaldsway	204	20000	84031	17408	15701	05502	81656		204	72110	84021	14611	4853/	07719	82820	83650	87360	204	00040	01 +	+	
	Mull of Galloway	131	63012	80016	16909	4553/	07805	84625	86360	131	72315	80022	13811	785//	07724	81825	87630		131	97081			
	Eskdalemuir	162	10000	82010	16304	00901	02500	81075		162	70000	65031	15602	752//	01609	84703	85710	87630	162	00011	53 +	+	
	Prestwick	135	33204	80011	16206	15541	04504	81620	83075	135	80000	70021	13908	4557/	07715	81620	84650	88362	135	00041	51 +	+	
	Abbotsinch	140	22703	70021	15803	10931	03500	81360		140	80502	65036	13206	1647/	05615	81712	88359		140	97031	51 +	d.r.ir.	
	Leuchars	171	52206	86031	14704	00902	01302	85070		171	72307	84031	12904	4577/	02715	84650	87359		171	00031	51 +	+	
	Dyce	091	22911	84018	13407	28400	04801	81818		091	72002	84031	12705	15636	03608	81645	87272		091	97041	51 pr.	+	
	Lerwick	005	13210	81018	09706	18400	04105	81815		005	33005	80218	11005	38400	04302	81815			005	92051	01 pr.	ir.	
	Wick	075	62507	81038	13106	584/2	05302	82816	84640	075	72102	80022	11505	38508	04803	81820	83645	87272	075	97041	01 pr.	+	
	Sule Skerry	010	83408	66032	13909	855//	06400	88620		010	81403	74022	11309	855//	04714	88620			010	00061	04		
	Cape Wrath	049	61802	84258	13908	635//	06801	82920	84625	049	72308	82808	10007	785//	05721	84820	87625		049	96071	05 pr.	pr.	
	Stornoway	026	62104	58808	14107	684//	06802	82816	85630	026	71812	72028	09209	78500	06724	82825	87635		026	91051	02 pr.	pr.r.	
	Benbecula	022	70902	80032	15007	3567/	06704	83630	84360	022	81612	80022	08809	2547/	07732	81616	84360	88462	022	93061	51 +	r.r.	
	Tiree	100	40000	82251	15207	43500	06707	83920		100	81919	75021	09611	4542/	07732	84618	88458		100	01061	01 pr	r.r.	
	Aldergrove	917	71706	65031	17307	7093/	05607	87360		917	71911	65022	12909	5567/	06727	83635	85650	87460	917	01031	51 +	rr.	
	Malin	980	71906	81031	15909	25636	07711	82640	85360	980	81921	83216	10209	4547/	06736	81713	84635	88459	980	9708	05		
	Belmullet	976	81815	74606	15310	854//	08826	83717	88636	976	81914	60586	09114	864//	14729	82711	86716	88636	976	9410	08		
	Birr	965	81903	70021	18209	856//	07715	88642		965	81708	60505	13009	7642/	08730	86712	85628	88459	965	9708	04		
	Dublin	969	72307	82031	18309	4577/	06707	84650	86460	969	82008	59586	14310	854//	06723	82718	88630		969	9108	04		
	Shannon	962	81806	80021	18111	856//	07717	88638		962	81505	75206	13412	872//	11721	82703	83705	88709	962	0110	04		
	Roches Point	952	80000	82022	19412	856//	08711	88648		952	82107	65205	15413	863//	13620	85707	88711		952	9711	06		
	Valentia	953	81511	59505	18112	864//	11721	88719		953	82110	60615	14414	863//	14716	88709			953	0411	10		

Code FM 21.V	OCEAN WEATHER STATION REPORTS at 00h.													OCEAN WEATHER STATION REPORTS at 06h.													ode FM 21.V			
O.W.S.	99L _a L _a L _a	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	N _h Ch _M C _H	D _S vsapp	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT _S T _S T _d	IT _w T _w T _w T	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L _a L _a L _a	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	N _h Ch _M C _H	D _S vsapp	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT _S T _S T _d	IT _w T _w T _w T	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.
C	99527	70355	03001	43114	98018	14509	42500	00335	84827	////	05406	11112	3//09	////	C	99527	70355	03061	83014	98028	18608	825//	00214	88828	////	05604	11156	3////	///10	C
L	99572	70204	03004	72520	97218	02111	4543/	00621	82712	84625	0//09	11246	30504	15006	L	99572	70203	03064	72525	97016	96710	755//	00727	87625	////	0//09	11216	30404	99/07	L
M	99646	10049	03004	40424	97018	06406	29460	72227	////	////	05552	10891	30505	////	M	99653	10034	03064	80417	97158	10706	884//	72217	////	////	05552	10874	30504	////	M
R	99470	70171	03004	72512	97031	26017	785//	00711	81820	87640	0//16	11723	30603	33003	R	99470	70169	03064	82416	97026	22517	857//	00616	88650	////	0//15	11724	30603	33003	R

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

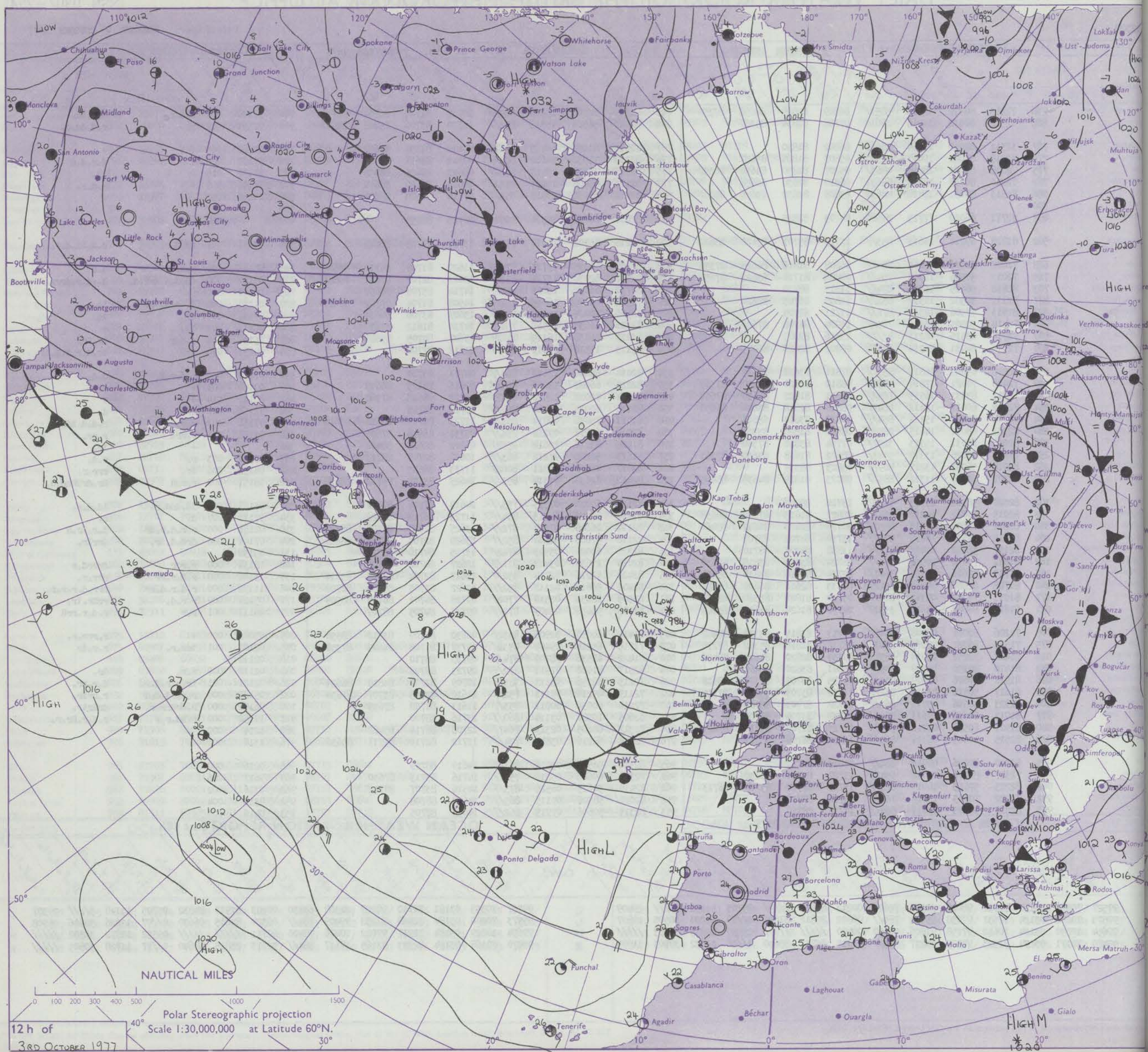
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Date of Issue TUESDAY 4 OCTOBER 1977

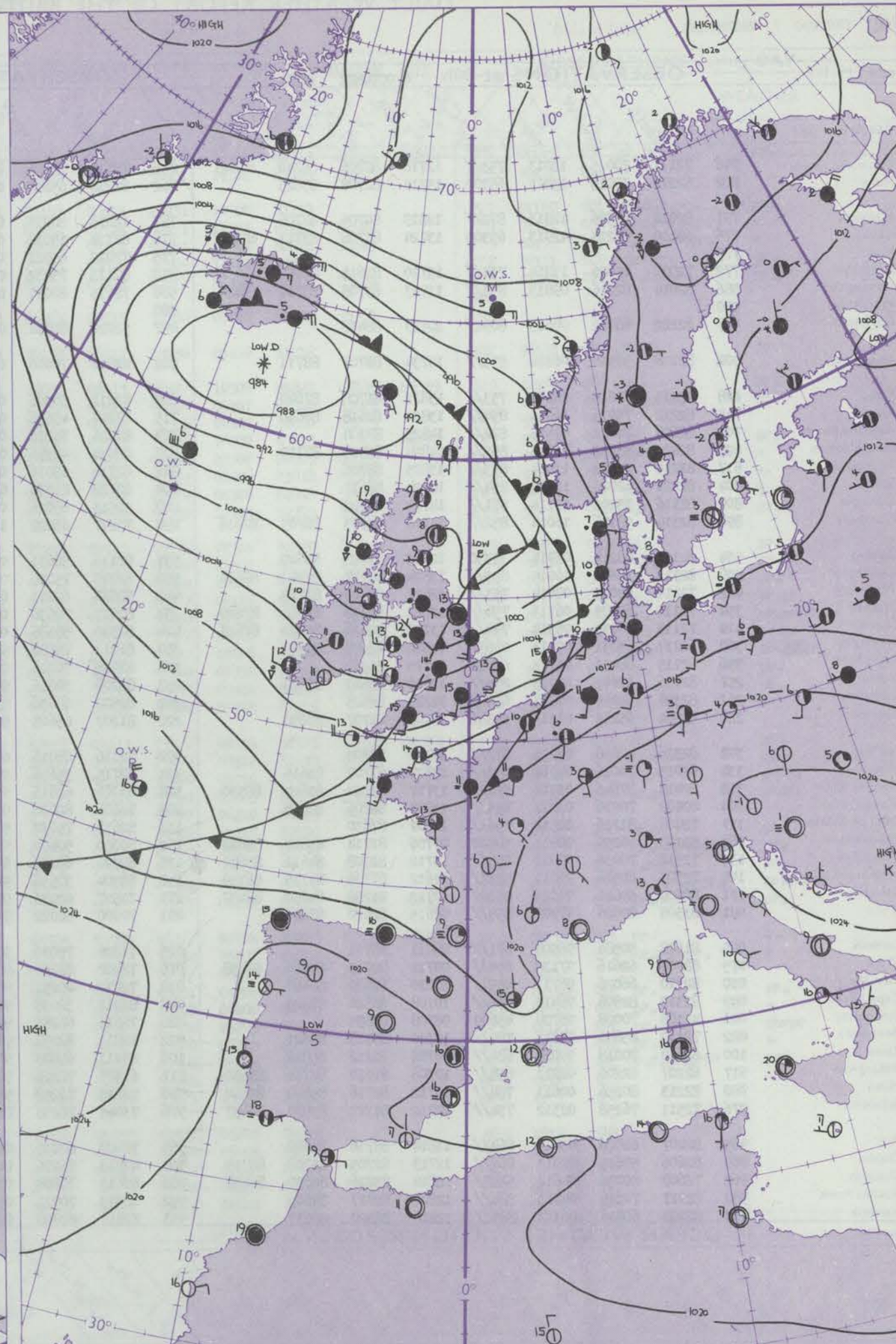
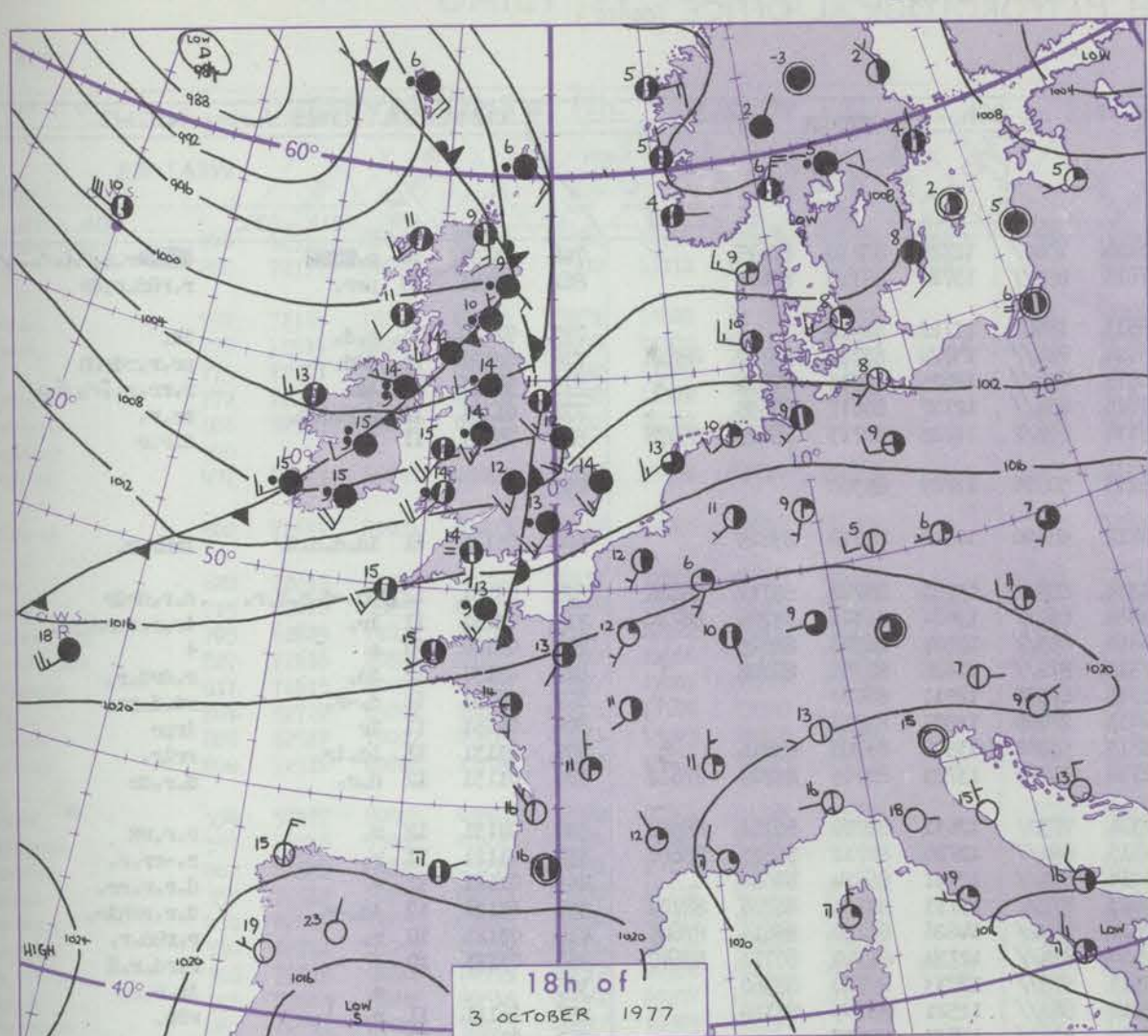
OBSERVATIONS at 12h. 3 OCTOBER 1977										OBSERVATIONS at 18h. 3 OCTOBER 1977										OBSERVATIONS during DAY			
Station	iii	Nddff	VVwwVV	PPPTT	N _h Ch _M Ch _H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwVV	PPPTT	N _h Ch _M Ch _H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x x	SSs	WEATHER	
																						09h.-15h.	15h.-21h.
Boscombe Down	746	72213	84022	18513	5857/	06809	82825	84656	87359	746	81812	62206	15111	862//	10718	82703	86704	88710	746	97140	005	r.d.r.e	d.d.d.d.
Hurn	862	72512	80012	19215	28672	07708	82830	85360		862	82010	56516	15813	853//	12720	83706	85708	88610	862	92151	009	r.	r.d.d.d.d.
Manston	797	32311	80030	19214	28631	06802	81830			797	72011	81031	10412	7867/	07610	81830	87657		797	00160	065	+	+
Gatwick	776	72312	84022	19413	58531	05807	81825	85657		776	82113	75032	16612	854//	09512	88617			776	97151	020	+	d.r.d.d
Kew	775	72108	81022	18814	4863/	05707	81830	84656	86359	775	82113	75022	15413	6552/	08613	86625	88458		775	97150	015	+	id.
Heathrow	772	72210	80032	18815	68631	06810	82830	86656		772	82115	65606	15613	855//	09613	86620	88650		772	97150	008	+	r.d.r.
Honington	586	72313	80031	17414	48632	03808	82832	83656	85360	586	82214	68032	13813	855//	07716	86620	88635		586	00160	052	+	+
Wattisham	590									590									590				
Gorleston	497	22711	66020	17713	21520	04703	82825			497	82014	66021	14314	8092/	06713	88458			497		064		
Aberporth	502	81819	69216	14613	853//	11719	85707	83620	88642	502	72218	65506	10914	772//	13714	87705	86645		502	94141	001	id.d.r.	d.d.d.d.d.r.
Filton	628	72408	82506	18013	6847/	06608	81818	86626	87358	628	82108	66035	13713	7532/	11620	81709	85712	86620	628	95141	000	r.d.	d.d
Rhoose	715	72011	50506	17613	754//	09808	81714	83622	87650	715	82412	62036	13714	853//	13617	82708	87612	88645	715	03141	000	id.d.r.d.r.d.r.d.	d.-d.r.d.r.r.d.
Hartland Point	703	82618	56025	16813	874//	11811	88710			703	82730	66032	13015	853//	14714	85708	88630		703	00150	000		
Mount Batten	827	82111	30502	19312	852//	11808	86705	88620		827	72515	60106	16015	752//	14508	81704	85707	87620	827	01151	000	d.-d.r.-r.	id.
St. Mawgan	817	81913	59506	18313	872//	11711	88705			817	72516	70025	15515	7533/	13609	83706	86632		817	97161	009	id.	id.
Scilly	804	72414	50505	18116	783//	15804	84708	87620		804	72216	62035	15515	754//	14714	81612	87632		804	94171	043	id.	+
Culdrose	809	91914	03515	18213	9//	13816	89/00			809	62213	56036	16114	55230	13607	84705	85616		809	95151	014	d.d.f	ir.id.
Guernsey	894	72312	84031	21214	38536	08802	82820	86075		894	82113	15516	18413	870//	13612	87700			894	94151	034	ir.	ir.d.r.d.d.if
Elmdon	534	82010	65022	16811	855//	07811	83620	88635		534	82014	58046	12112	864//	09721	88710			534	97130	000	r.d.r.d.	d.d.
Cardington	559	72413	70021	17814	4857/	08810	82820	83650	87365	559	82215	66022	14012	855//	09616	84625	88645		559	00160	009	+	+
Wittering	462	72311	83031	16913	785//	07811	81822	84630	87650	462	72014	70012	12512	6547/	09722	86618	87360		462	00141	014	+	+
Watnall	354	72112	60031	15412	8847/	08816	82818	83640	86656	354	82113	60025	10712	864//	09726	88713			354	97131	007	d.	d.
Shawbury	414	81708	80202	15112	854//	09817	83614	88616		414	81911	75036	09814	853//	12725	82709	86612	88616	414	97151	003	d.r.	r.d.d.d.id.
Finningley	360	42111	68011	14615	28530	08820	81820	83362		360	72014	62216	09212	754//	09731	86618	87635		360	01151	021	r.r.r.	r.r.r.
Spurn Point	396	82008	68031	15213	3257/	07714	83820	87360		396	81915	63216	10612	2557/	09722	82625	88460		396			+	ir.
Leeming	257	71512	40026	13312	3543/	08622	81618	83630	87361	257	81613	56206	07212	863//	10627	82709	88711		257	92141	003	r.	r.d.
Tynemouth	262	82014	56051	13211	8097/	05823	88359			262	82017	48616	05811	8062/	11733	88535			262	04132	006	ir.	r.r.r.r.
Carlisle	222	82307	80026	11312	885//	08723	81825	84635	88645	222	82412	62636	04314	853//	14625	83708	85712	88616	222	18151	000	r.r.r.R	Rr.drDrRr.d.
Valley	302	82028	56516	11913	872//	13724	88703			302	72125	60026	07315	753//	14618	87706	87622		302	95151	001	id.d.d.d.r.	id.d.r.
Ringway	334	82015	70032	14212	854//	08821	81618	87622	88635	334	81914	62026	09013	854//	11723	86713	88620		334	97131	007	d.	r.
Squires Gate	318	81812	70608	12913	6557/	10724	82628	86642	88460	318	82114	26646	07214	872//	13625	81703	84705	88708	318	02151	000	r.r.d.r.d.r.	d.r.r.ir.R
Ronaldsway	204	82018	22516	10013	871//	13730	84702	88703		204	82116	57606	04814	852//	13620	82704	85714	88622	204	07141	000	drd.d.d.ir.	drir.
Mull of Galloway	131	82127	58592	08412	872//	11838	84705	88710		131	82328	60026	03513	4742/	13715	84710	88520		131	15132			
Eskdalemuir	162	81812	70032	10510	884//	08824	83713	83818	88630	162	82010	25636	03413	871//	12627	84702	88705		162	18131	000	r.r.d.r	drrrd.r
Prestwick	135	81713	57616	08311	3547/	09734	81618	83630	88459	135	82414	57216	02714	852//	13617	82704	83710	85614	135	13141	000	r.d.r.r.r	rrr.r.
Abbotsinch	140	81708	62606	08212	6542/	08733	82616	86622	88458	140	82402	56616	02112	852//	11622	81705	85706	86708	140	11132	000	r.d.r.d.r.r	Rrr.d.r.r.r.
Leuchars	171	81911	75032	09311	28577	05730	81822	85360	88272	171	83503	28636	02510	7702/	09728	84701	86705	88509	171	05121	009	r.r.d.	rrr.r.ir.
Dyce	091	81814	84032	08610	35517	04730	81620	83635	85465	091	81406	50636	02409	872//	09727	84705	88709		091	06111	001	r.r	r.d.r.r.r.R
Lerwick	005	71206	82021	08208	3847/	05713	83815	83359	87462	005	81414	60636	02906	5532/	06630	82709	83712	88550	005	03082	000	+	r.r.r.r.r.
Wick	075	71515	86022	07009	28478	05733	81818	85362	87270	075	71715	65216	99409	4533/	08737	81708	84645	87359	075	02101	001	irr.r.	r.r.r.ir
Sule Skerry	010	81422	82252	05910	5857/	09739	82820	83625	88458	010	81422	48536	98709	874//	09733	88710			010	02112			
Cape Wrath	049	81410	80158	04309	3857/	05841	83820	88460		049	82317	81606	97911	872//	09723	88705			049	02112	000	r.r.	ir.
Stornoway	026	81921	57616	02809	852//	09735	84705	87707	88618	026	72213	68256	98111	783//	10709	82706	84815	86624	026	02121	001	ir.r.r.d.r.d.	d.r.pr.
Benbecula	022	81617	50516	01711	852//	11732	83703	85706	87710	022	72113	45216	99111	752//	11610	82703	83707	87630	022	05121	000	r.r.d.d.d.d	r.r.r.ir.
Tiree	100	81923	40516	03711	862//	11728	87703	88707		100	72210	80036	00811	753//	11611	81708	87635		100	06131	000	r.drRr.r.	drRr.ir.
Aldergrove	917	81912	60616	07611	862//	11733	83704	88706		917	82805	10586	03114	860//	13716	88700			917	19152	000	r.Rd.r.r	r.d.r.Rr.r.
Malin	980	81921	65586	04712	7632/	11723	81709	85714	87625	980	72312	68605	02313	7647/	12708	86714	85462		980	1214	000		
Belmullet	976	82515	40615	06314	863//	13710	86706	88712		976	72414	68216	03813	734//	13712	82710	83717	85636	976	1314	000		
Birr	965	82110	80026	09916	864//	14818	88712			965	82310	56586	05915	863//	14619	88709			965	0216	000		
Dublin	969	72317	82016	09116	6543/	13727	83715	86630		969	72316	60606	05216	754//	14716	83713	87630		969	9617	006		
Shannon	962	82215	59615	10015	872//	15719	82704	85708	86713	962	82414	50625	06515	873//	14516	83707	88711		962	0316	002		
Roches Point	952	72220	70205	13016	764//	13716	87711			952	82021	58506	09115	863//	14618	88708			952	9316	004		
Valentia	953	82218	58605	12015	864//	14715	88710			953	82315	50606	07915	862//	14618	88705			953	0416	000		

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CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours depression has been centred south of Iceland, with associated frontal troughs crossing the British Isles from the west. During the next 24 hours, the depression

near Iceland is expected to move towards northern Scotland, giving a cool unstable westerly airflow over the British Isles.

Issued at midday TUESDAY 4 OCTOBER 1977

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

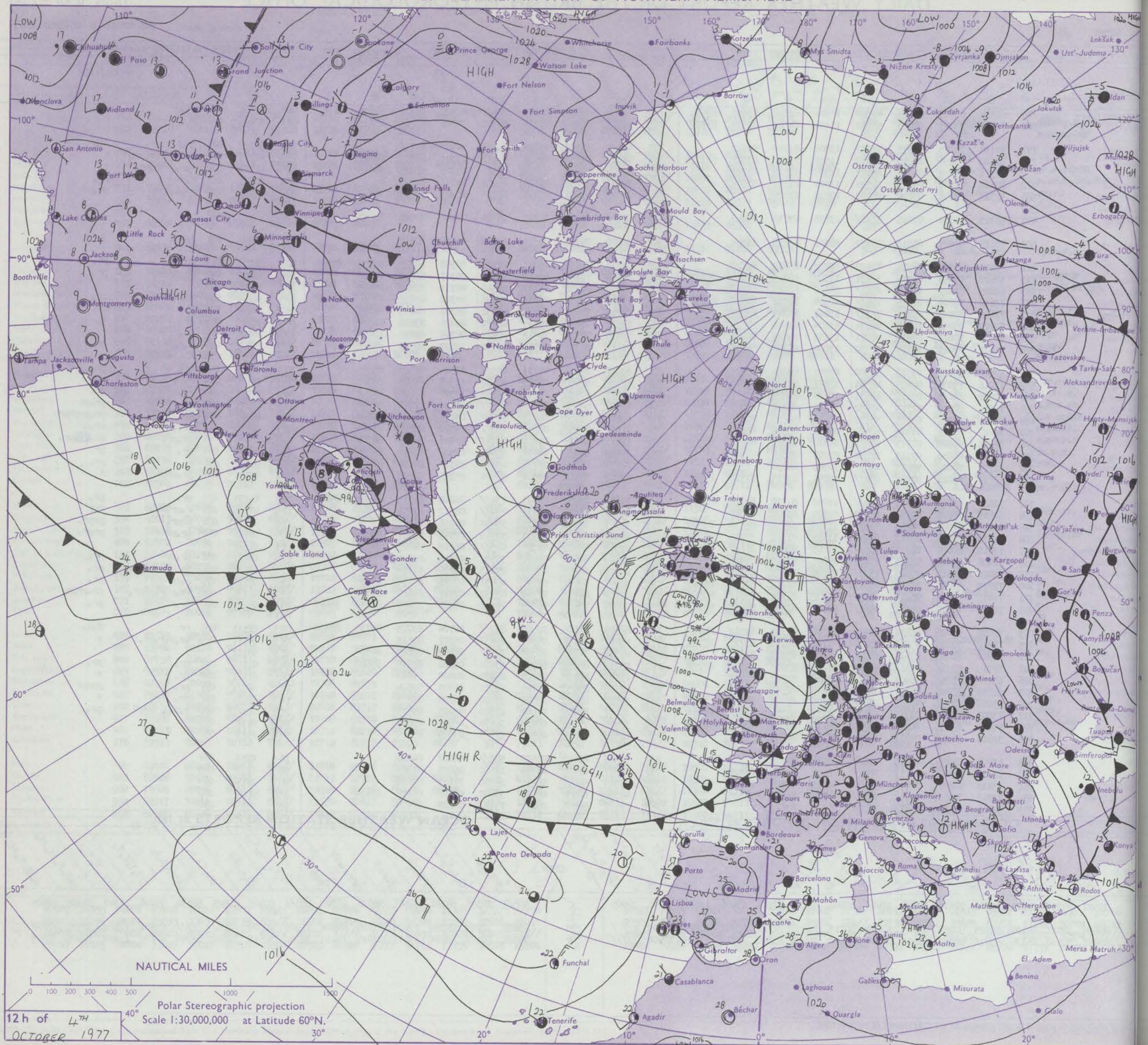
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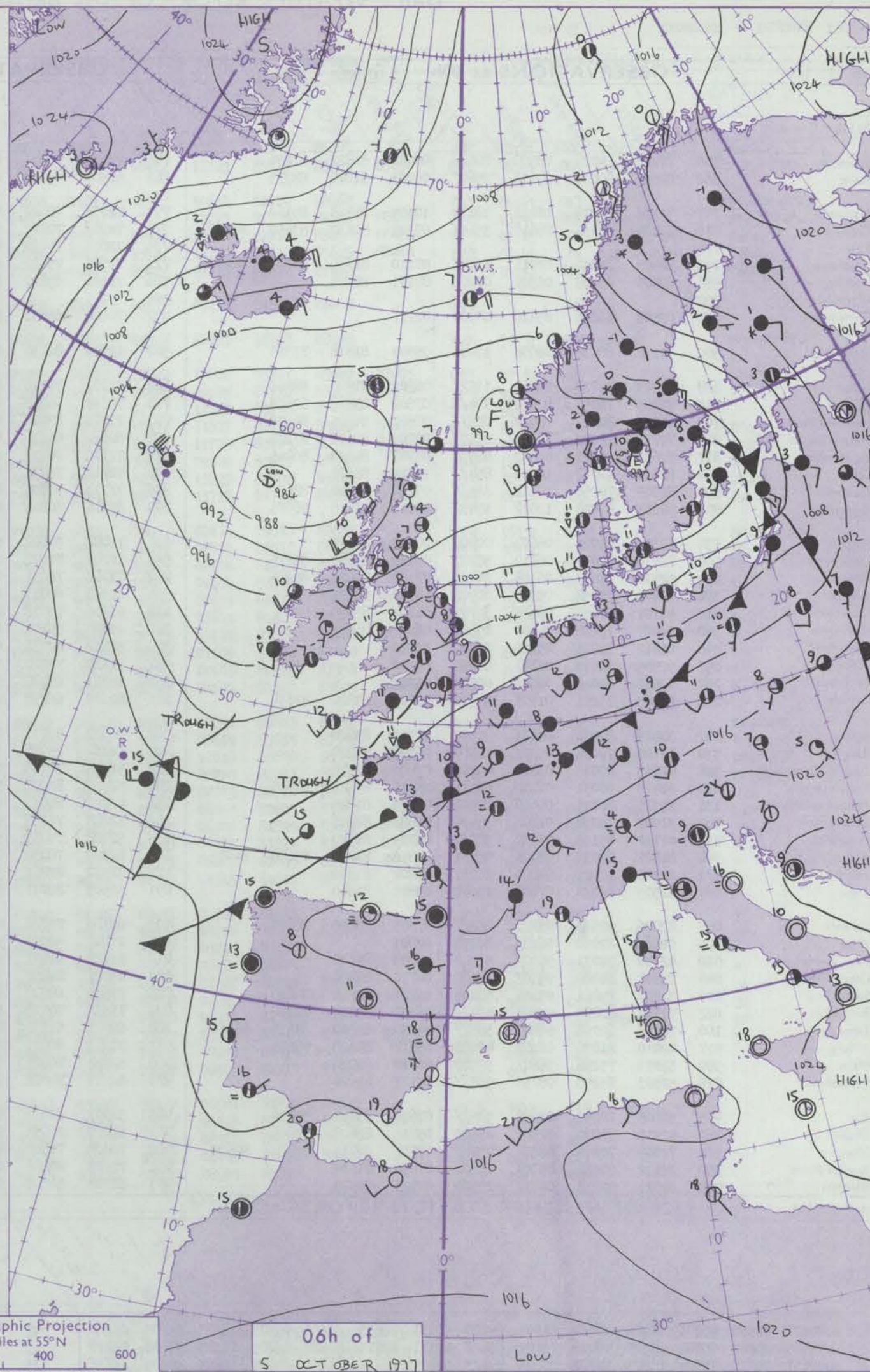
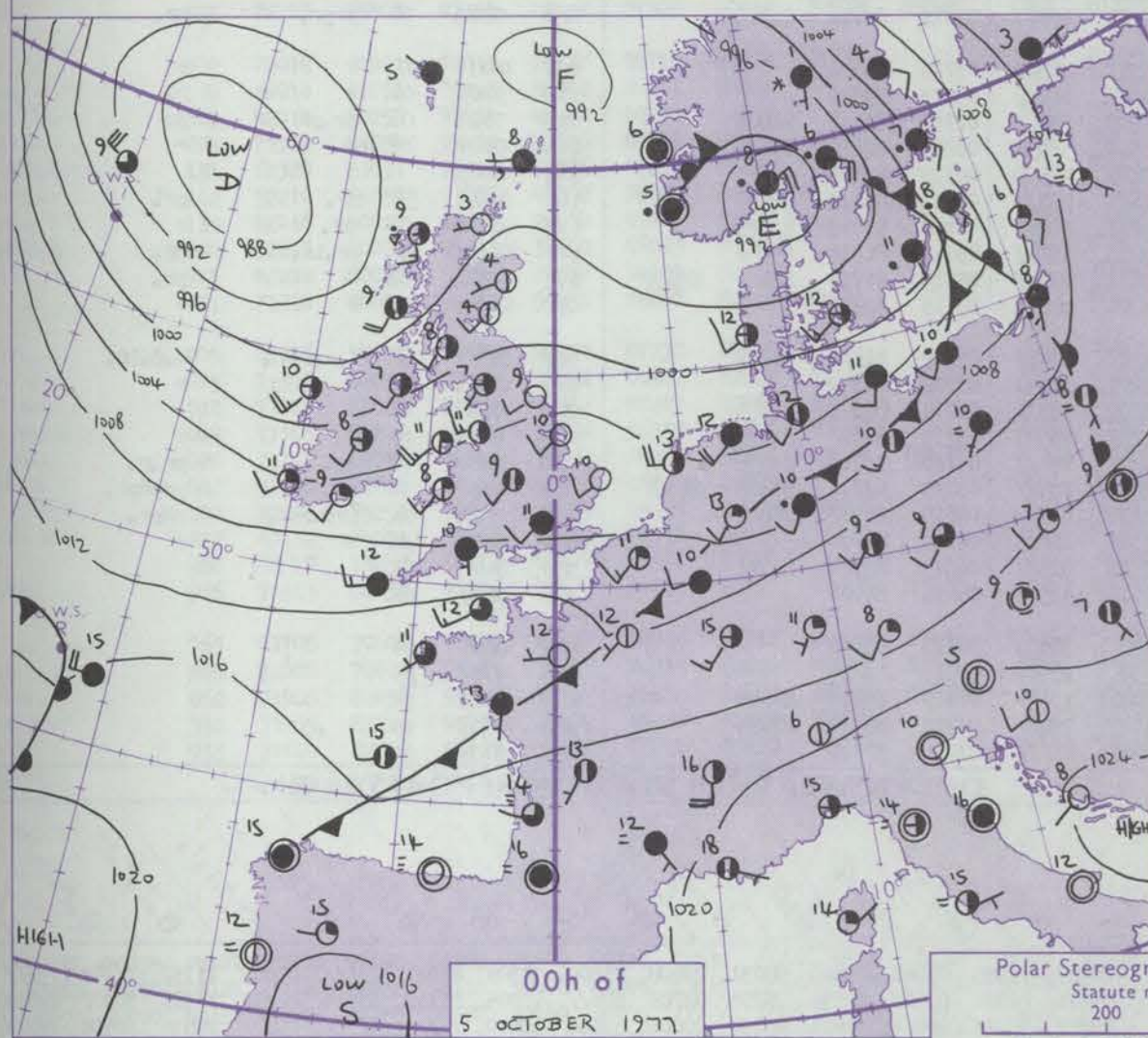
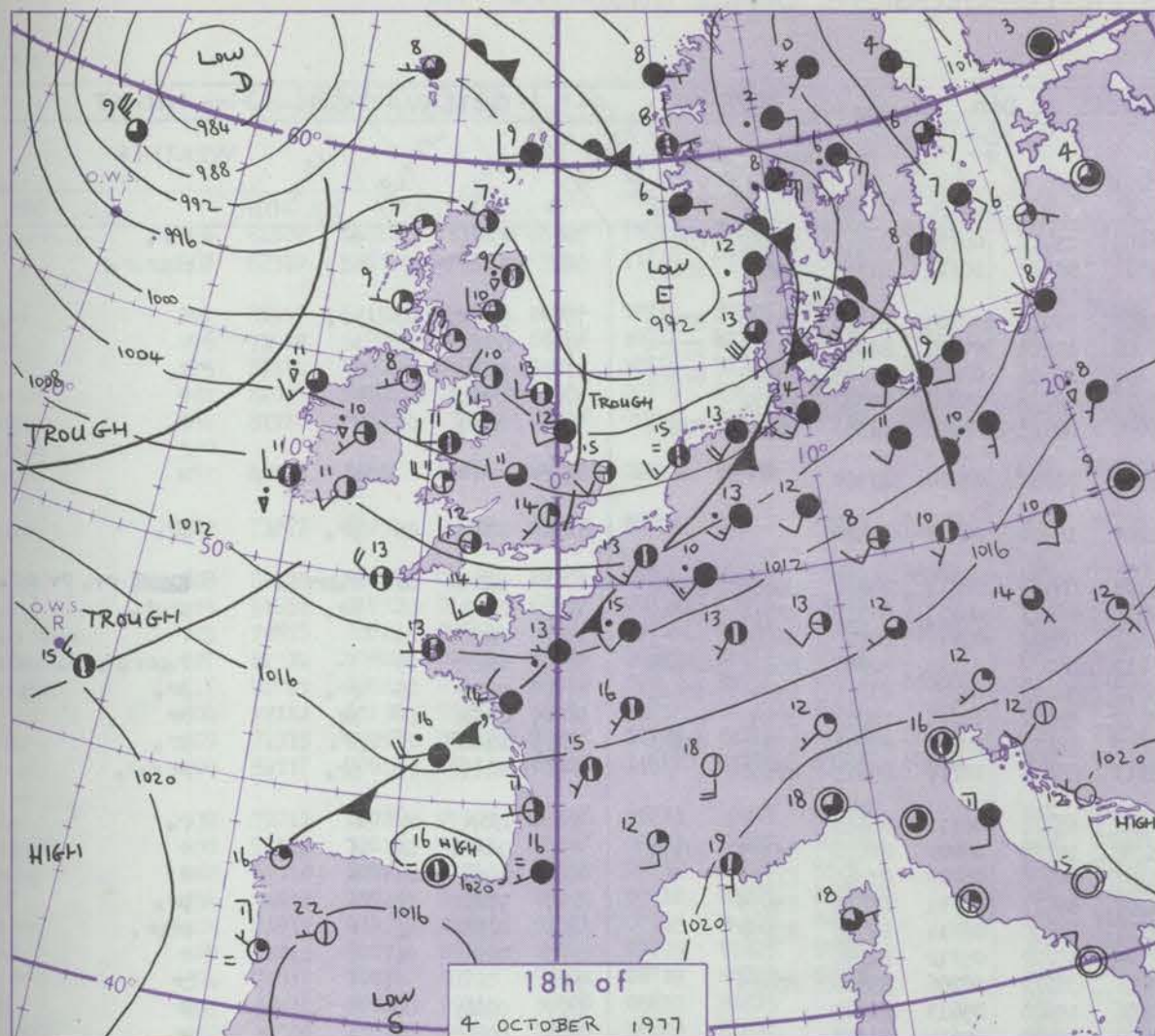
Date of Issue WEDNESDAY 5 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		4 OCTOBER 1977										4 OCTOBER 1977														
Station		iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT T _E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
09h.	Boscombe Down	746	62514	86016	06715	48502	10104	82820	83630	86075	746	72612	62808	06613	784/2	09308	82713	84820	86640	746	01161	051	pr.pr	pr.		
09h.	Hurn	862	72713	82028	08016	58502	11111	84822	83635	85070	862	62512	80031	07214	58401	11302	81716	85628		862	97171	042	pr.	+		
	Manston	797	72118	70215	06015	77472	13808	81710	86712		797	42114	75158	05614	24431	10500	81710			797	91180	021	ir.dr.pr.	pr.		
	Gatwick	776	72614	80256	06815	48438	11502	81710	83818	87272	776	62314	81032	06514	644/1	11301	82817	84626		776	01171	033	DR-dr-dr.pr.	+		
	Kew	775	72311	78026	05916	28402	11305	81818	87075		775	52209	80018	05714	58541	11303	82825	84645		775	02171	028	dr.dr.dr.pr.	+		
	Heathrow	772	72414	81036	05816	28538	11302	81820	87075		772	32307	70258	05814	38502	11301	82825			772	02171	022	r.dr.pr.	pr.		
	Honington	586	32518	84256	03216	28502	10502	81820			586	72512	82251	03314	735//	08302	82920	85824		586	02181	033	rr.dr.pr.	pr.pr		
	Wattisham	590									590									590						
	Gorleston	497	52123	66031	03015	3742/	13708	83710	85458		497	52112	66162	02915	33570	09400	83925	83360		497		028				
	Aberporth	502	72619	81021	05213	38452	09101	83818	86359		502	32820	70158	06511	23430	06110	82918			502	96141	051	jp.pr.	jp		
	Filton	628	72613	65256	06214	79432	12002	85918	84822		628	72712	70038	06413	6857/	10308	84822	83635	85359	628	92161	069	pr.	pr.		
	Rhoose	715	52616	68258	06314	33431	11002	82815	81918	85072	715	52815	70258	06512	58400	09307	83816	83628		715	02151	047	pr.pr.pr.	pr.		
	Hartland Point	703	62825	74022	07014	6257/	12102	86825	83360		703	53015	84018	07812	22546	09311	82820	85275		703	97140	046				
	Mount Batten	827	72616	70806	09215	784//	12500	82712	86815	86635	827	73015	80038	09413	38436	10309	83818	83368	86272	827	92161	050	pr.	pr.		
	St. Mawgan	817	72615	80028	09215	783//	11001	81709	85812		817	72918	75031	09813	48432	08307	84813	84075		817	02161	047	pr	+		
	Scilly	804	52722	65018	10415	48401	13104	83818			804	72921	70038	10813	48472	08206	83818	86360		804	97161	061	pr	+		
	Culdrose	809	62517	70012	09815	42471	13103	84818	84364		809	72313	70028	10512	22472	08308	82818	86070		809	94160	067	pr.	+		
	Guernsey	894	72516	80026	11614	48332	13004	83708	85075		894	62517	82158	10914	52332	12703	82709	85812		894	96151	033	dr.pr.	pr.		
	Elmdon	534	52417	80028	03516	38502	09002	83824	83075		534	62610	70258	04711	685//	07316	82820	85645		534	97161	047	pr.	pr.		
	Cardington	559	72716	75036	04416	48504	10211	83825	86075		559	52510	62258	04313	48532	11308	84825	83360		559	94170	060	r.dr.	pr.		
	Wittering	462	52519	84026	03216	42531	10110	84825			462	62611	68158	03313	42502	10307	82820	84828		462	97171	044	+	pr.		
	Watnall	354	72511	80256	02713	48432	11110	82817	83075		354	62508	68258	03510	685//	09116	81820	86640		354	01161	041	pr.	pr.pr		
	Shawbury	414	72415	78036	03015	58532	10003	84820	86070		414	52407	75158	04211	58500	09214	84820	83640		414	05161	044	pr.	pr.pr.pr.pr		
	Finningley	360	62717	81256	01514	68502	08116	83825	85645		360	72607	70258	02011	785//	09310	81820	87640		360	94161	031	pr.	pr.pr		
	Spurn Point	396	72618	66808	00913	68572	09318	84820	84630	85360	396	82611	66218	01412	6947/	10006	86915	88360		396			ir.pr.	ir.pr.		
	Leeming	257	72613	86036	99515	685/2	09207	84820	83640		257	52812	84018	00911	58400	07316	82818	85624		257	97161	044	pr.	pr.		
	Tynemouth	262	62711	80026	98413	4867/	10303	84830			262	72710	69028	99712	45639	09314	84630	87175		262	91151	041	+	pr.		
	Carlisle	222	62712	75028	98914	694//	10001	81715	81918	84822	222	42908	75018	00510	38401	07315	82818			222	01141	029	pr.pr.pr	+		
	Valley	302	72620	80258	02514	784//	11002	81710	84816	87626	302	72812	82258	04611	734//	08214	81915	84822	85640	302	01151	035	pr.	pr.		
	Ringway	334	62815	70028	02114	68500	09105	83820	85640		334	72712	62809	03211	794//	08312	81910	87640		334	04151	023	r.pr.tl.pr	rpr		
	Squires Gate	318	72715	62808	01413	784//	11110	82710	85818	86640	318	33111	80018	02711	33400	09216	81915			318	01151	032	pRpr.	prpr.		
	Ronaldsway	204	62616	80028	00913	684//	11102	81711	83713	85650	204	62911	80258	02911	59541	07313	82920	83825		204	96141	047	pr.pr	prpr.		
	Mull of Galloway	131	73018	80028	00312	785//	11105	82825	87630		131	62913	83026	02309	685//	06210	84825	84630		131	01121					
	Eskdalemuir	162	72406	40806	98311	794//	09801	82715	84918		162	42508	82028	00407	38502	05315	82820			162	03121	012	pr.pr	pr.		
	Prestwick	135	83216	50618	99009	7527/	09204	81705	83615	87640	135	22910	68256	00609	29463	06210	81918			135	03131	022	ir.dr.dr.pr.	pr.		
	Abbotsinch	140	72713	80256	97812	6847/	11302	81712	83819	85645	140	52607	80252	99708	49431	06313	81918	83635		140	01131	031	r.pr.	pr.		
	Leuchars	171	72411	72612	96412	5833/	10802	81708	83810	86360	171	62710	84258	97510	45532	07312	81620	84630		171	01141	006	ir.dr.dr.pr.pr.	pr.pr.pr.		
	Dyce	091	72204	80602	95511	4561/	09701	81630	84650	87460	091	72909	75808	96509	785/7											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

A deep depression near southern Iceland has moved slowly southsoutheast during the past 24 hours. A secondary depression formed in the northern North Sea and moved slowly northeast. A further secondary depression formed north of Shetland. Frontal troughs crossed the British

Isles from the west followed by minor troughs in an unstable westerly flow. During the next 24 hours the main depression centre is expected to cross southern Scotland and move into the North Sea with an unstable airflow in its circulation,

Issued at midday WEDNESDAY 5 OCTOBER 1977

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

Code FM II.V		OBSERVATIONS at 00h. 5 OCTOBER 1977										OBSERVATIONS at 06h. 5 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRR _n T _n E	TgTg	WEATHER		Station		
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	72209	84028	08509	785//	08002	81822	87656		746	71607	75031	06508	2547//	06710	81712	86362	87465	746	92071	05	+	r.r.		Boscombe Down	
Hurn	862	82607	80031	09211	25607	09003	81640	88273		862	82507	65812	06711	884//	10714	81715	85817	88635	862	01101	08	+	prpr.r.r		Hurn	
Manston	797	72308	80038	07412	18432	10305	81818	85362		797	72006	78022	07609	1257//	08703	81820	83359	87360	797	97090	07	pr.	+		Manston	
Gatwick	776	72408	68031	08610	3565//	09209	81630	83650	87362	776	72202	70022	07808	15578	07804	81620	84362	87275	776	00081	05	+	+		Gatwick	
Kew	775									775	72007	78032	06709	15636	07607	81645	83360	87272	775	97091	04	+	r.		Kew	
Heathrow	772	82408	75031	07911	15737	09210	81650	83365	88275	772	71907	75022	06910	40978	08802	84362	87272		772	00091	07	+	+		Heathrow	
Honington	586	62409	65038	06309	00906	08111	86275			586	72106	63022	06008	60978	07603	82358	85362	87272	586	00071	05	+	+		Honington	
Wattisham	590									590															Wattisham	
Gorleston	497	02508	66026	05910	00900	07217				497	70000	66031	06309	7093//	07400	87360			497						Gorleston	
Aberporth	502	32210	80038	06508	12431	05809	81818	83365		502	12014	82036	02707	18500	06718	81820			502	02071	05	pr.	ir.		Aberporth	
Filton	628	82303	81038	08010	1152//	06802	81820	88465		628	72107	75218	05109	6847//	08813	83817	85630	87358	628	92091	06	r.prpr.	pr.pr.pr		Filton	
Rhoose	715	72705	75258	07910	784//2	07802	83818	87628		715	72314	66258	04610	784//	08813	81710	83814	87642	715	03091	06	pr.	pr.		Rhoose	
Hartland Point	703	62820	84022	08012	685//	08807	84825	86635		703	72723	83028	03912	6857//	09712	84820	86645		703	01111	09				Hartland Point	
Mount Batten	827	72713	75022	10013	25508	09803	82620	87278		827	82522	65616	05913	5537//	11718	82708	85630	88460	827	01111	09	+	r.prpr.r.pr.		Mount Batten	
St. Mawgan	817	72610	80022	09812	48578	08709	84820	86465		817	72110	70018	05610	3847//	08721	81815	83640	87461	817	01091	09	pr.	pr.		St. Mawgan	
Scilly	804	82613	72258	10212	854//	10713	88618			804	72414	75018	04912	5842//	10724	84818	87556		804	02121	10	pr	pr		Scilly	
Culdrose	809	82509	70258	10312	885//	09710	82820	88635		809	72213	70808	05612	5841//	10721	82816	83632	85462	809	02102	08	pr.	pr.		Culdrose	
Guernsey	894	62613	82028	12012	18432	08101	81818	86075		894	82314	70808	06811	884//	10714	85815	87650		894	02111	10	pr.	pr.r.r.		Guernsey	
Elmdon	534	72308	75021	06609	00908	06107	87275			534	72008	70602	04508	657//2	06711	86656			534	97071	05	+	r.		Elmdon	
Cardington	559	82610	64031	06810	35707	08109	83650	88275		559	72209	70022	05708	15778	08809	81650	83363	87275	559	00070	02	+	+		Cardington	
Wittering	462	62410	78038	06308	25706	07108	82656	86275		462	71907	75031	05107	30938	06809	83365	87275		462	00061	04	+	+		Wittering	
Watnall	354	22408	60038	05807	00902	06110	82075			354	62008	60011	04107	45571	06711	81625	83635		354	97051	01	+	pr.		Watnall	
Shawbury	414	42107	80038	06005	35702	04104	83650			414	61806	75018	03107	69430	06814	81915	85650		414	01051	01	+	prpr.		Shawbury	
Finningley	360	12407	75028	04507	15600	06309	81645			360	12008	59101	02706	15700	05712	81656			360	00051	01	+	+		Finningley	
Spurn Point	396	02412	75021	03610	00900	07210				396	52112	62031	03408	30972	06706	83360	83075		396			+	+		Spurn Point	
Leeming	257	02505	82011	03107	00900	05207				257	11610	75020	00906	15600	05613	81645			257	00061	00	+	+		Leeming	
Tynemouth	262	02610	69021	02008	00900	05212				262	12011	69020	99807	10930	05613	81358			262	00061	04	+	+		Tynemouth	
Carlisle	222	52203	75251	01707	58500	06003	83820	83634		222	62103	68258	98408	694//	07612	81712	83916		222	02061	00	prpr.	pr.		Carlisle	
Valley	302	32423	82031	04011	31500	07713	83820			302	32322	81011	00311	38500	07716	83822			302	00111	07	+	+		Valley	
Ringway	334	12109	70018	05307	18500	06106	81820			334	12010	75016	02407	18400	05713	81815			334	97051	04	+	r.		Ringway	
Squires Gate	318	42615	80018	03811	43400	07400	81916			318	51714	70158	00508	53400	07713	81916	84821		318	93081	06	pr.pr	jp		Squires Gate	
Ronaldsway	204	62415	80031	01910	685//	06816	84821	84640		204	52319	82021	98510	58531	06814	82822	83826		204	00091	05	+	+		Ronaldsway	
Mull of Galloway	131	22325	84031	00610	28500	09720	81825			131	42429	84011	97409	48500	06712	83825			131	00081					Mull of Galloway	
Eskdalemuir	162	31902	75038	01702	35400	01802	82711			162	72208	72258	97607	784//	05612	84712	86819		162	01011	53	pr.	pr.		Eskdalemuir	
Prestwick	135	42112	65158	99508	28530	06714	82820			135	52008	75011	96207	38441	06710	82818	83075		135	02071	05	pr.	+		Prestwick	
Abbotsinch	140	61802	70038	98906	38531	04812	81822	83630	86075	140	62309	70038	95208	1847//	05710	81818	85462		140	01051	51	pr.ir.	pr.		Abbotsinch	
Leuchars	171	12309	80021	99004	10931	03202	81362			171	72310	82801	95607	784//	05715	81714	84817	85630	171	97031	00	+	pr.		Leuchars	
Dyce	091	12505	86038	97604	15600	03801	81640			091	51503	82011	95204	38442	03713	8281										

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

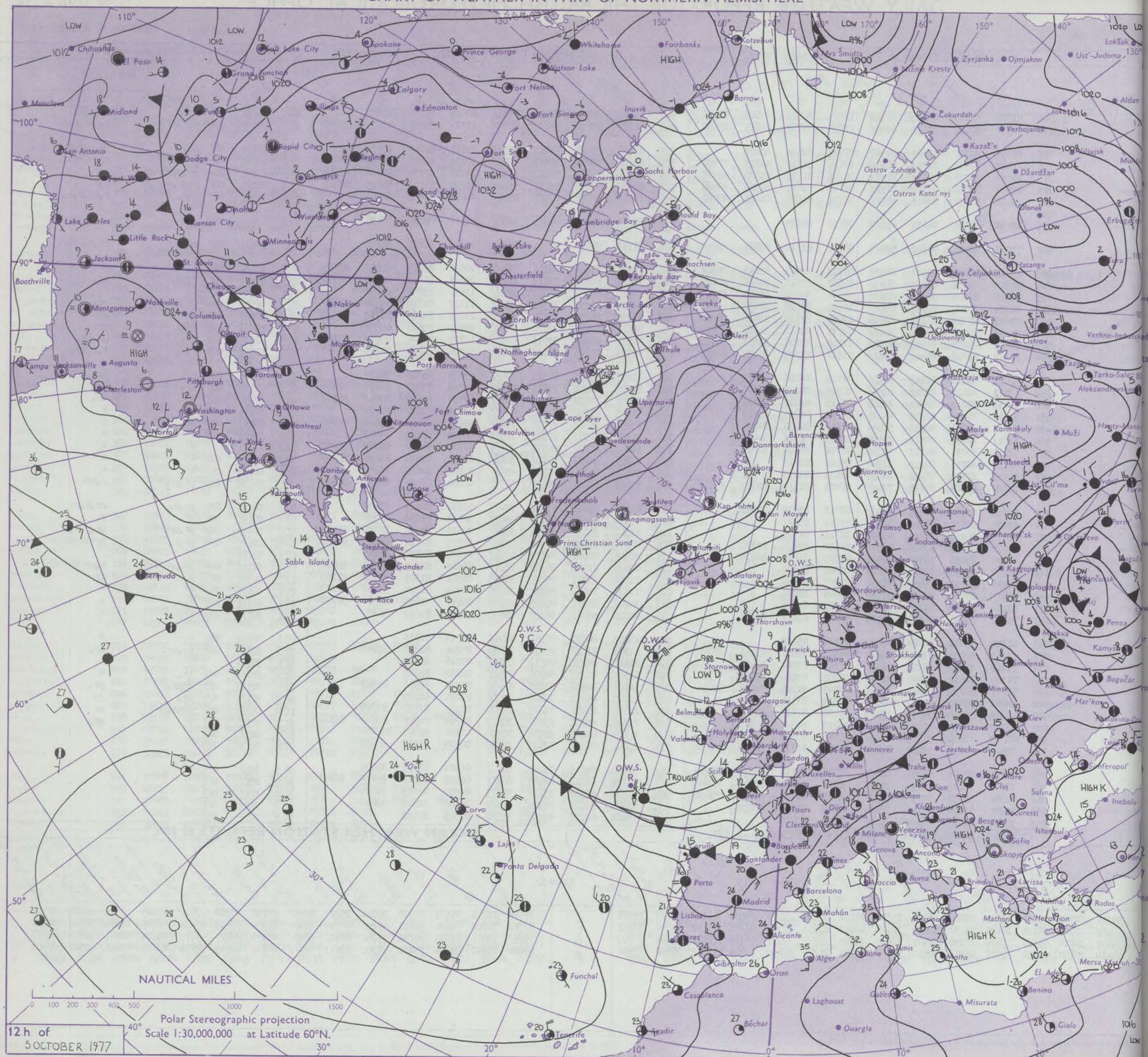
ISSN 0307-2541

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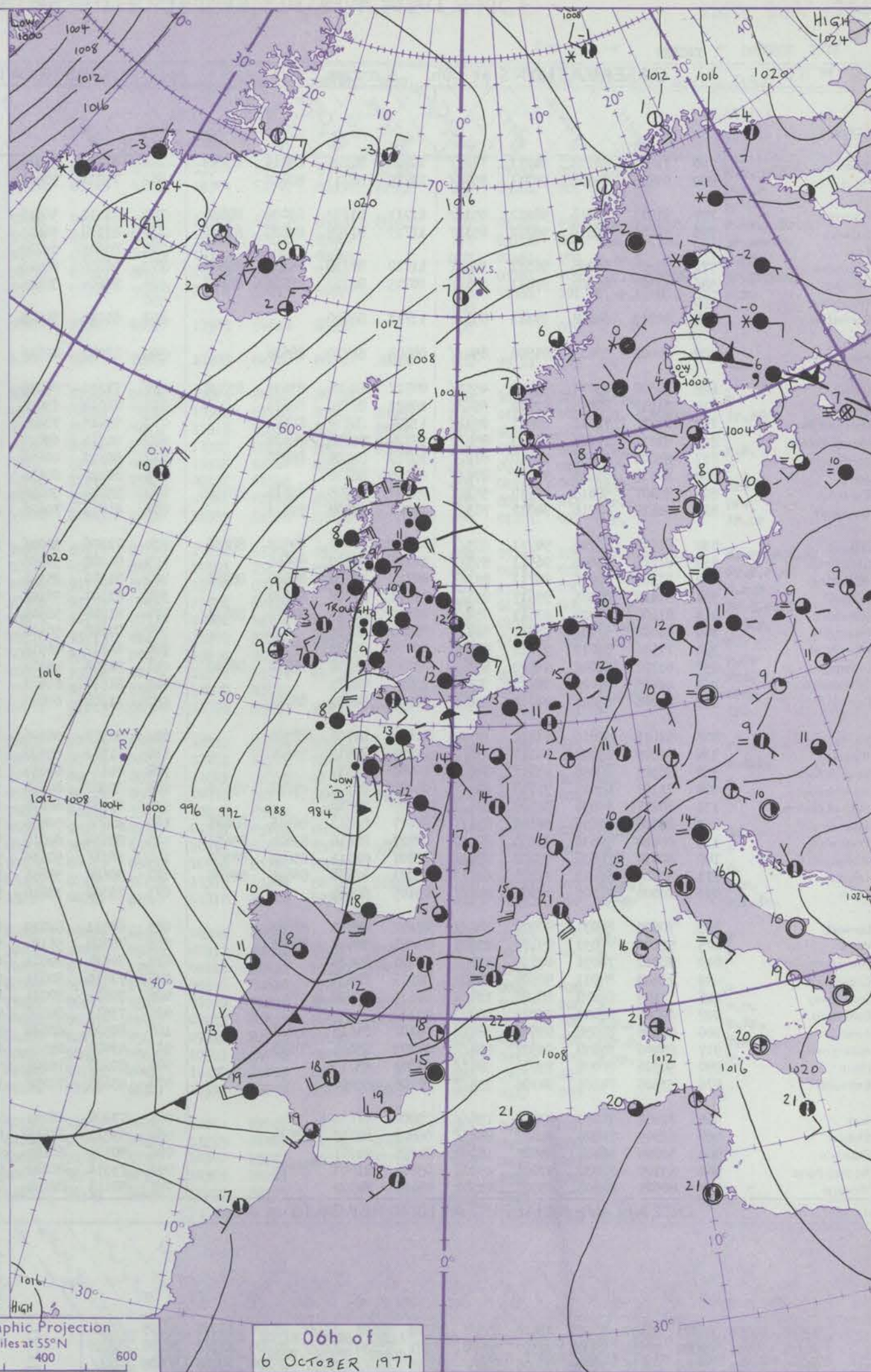
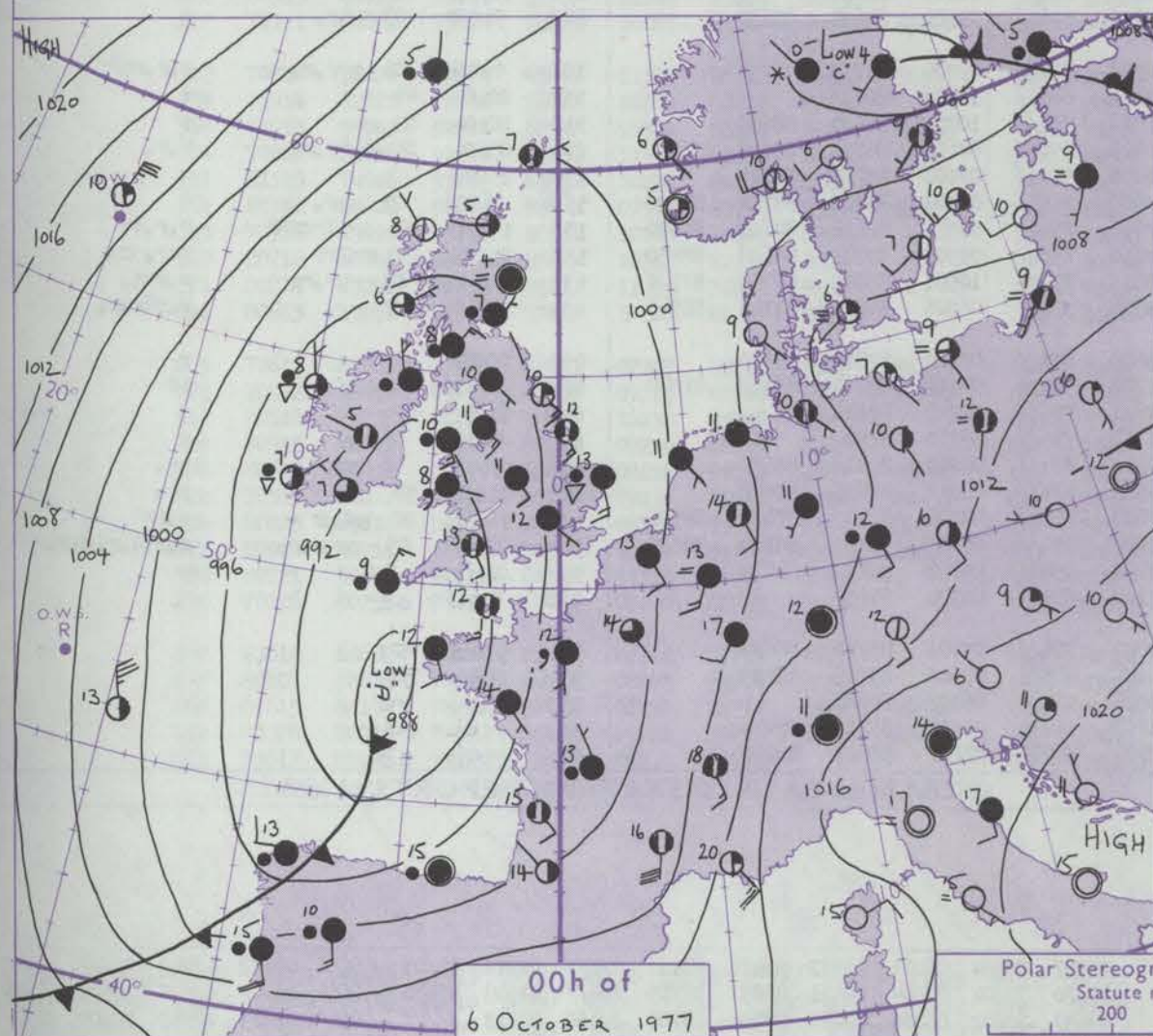
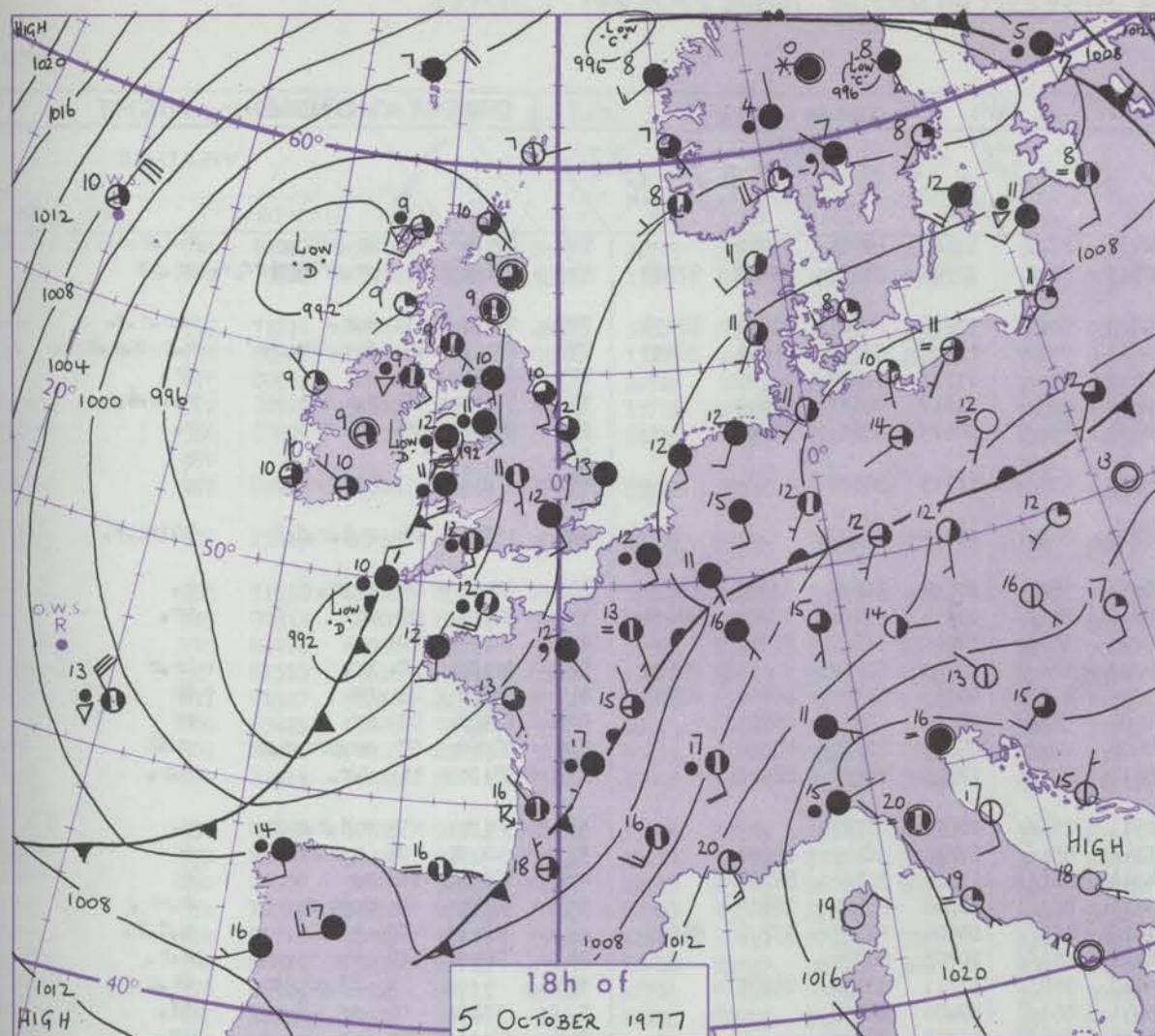
Date of Issue THURSDAY 6 OCTOBER 1977

OBSERVATIONS at 12h. 5 OCTOBER 1977										OBSERVATIONS at 18h. 5 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x E	SSs	WEATHER		
																						09h.—15h.	15h.—21h.	
Oscombe Down	746	81909	65616	03311	6842/	10715	84811	85640	88459	746	71709	68606	97911	7532/	10622	84706	86645	85650	746	03121	000	ir,rr,r.	rr,r.	
Turn	862	82310	59638	03712	6542/	11715	83712	85615	88460	862	81910	62618	98112	6842/	11723	85812	83625	85650	862	06141	000	rr,r.	rr,r.	
Manston	797	81919	80152	05415	24567	07718	82825	88270		797	81606	75608	01911	2857/	10617	81820	88462		797	01161	013	pr.	pr,pr,rr.	
Watwick	776	71912	61808	04913	6847/	10714	81711	84815	87362	776	81509	63608	00411	4542/	10721	81710	84626	88460	776	03141	006	pr,pr,rr.	pr,r.	
Leu	775	81810	58808	04012	5247/	10715	81712	85822	88468	775	81607	65618	99612	4542/	10718	82710	83650	88462	775	03141	004	pr,pr,rr,r.	rr.	
Leathrow	772	82011	70806	03914	3257/	09716	83822	84360	88468	772	81610	72218	99712	5542/	11720	83712	85625	88465	772	03141	001	rr,pr,r.	rr.	
Donington	586	81910	75031	03813	6857/	08715	81825	86656	88460	586	71709	70216	00511	2542/	09613	82612	87462		586	91141	020	l-r.	rr,r.	
Vattisham	590									590									590					
Sorleston	497	42118	66031	04614	45500	08713	84625			497	81910	66032	01613	4251/	09711	84825	88458		497		022			
Overporth	502	71817	68251	98712	634/2	08727	81712	83915	85818	502	81715	58638	92911	853/	10623	86708	88620		502	10131	042	pr,pr,rr	rr,r,rr,r.	
Ilton	628	82012	84038	02113	68537	09718	82822	83645	85362	628	71509	75256	96711	784/2	10622	85817	85640	87075	628	97131	008	r.	pr.	
Thoose	715	81812	81032	01413	6841/	09819	83816	84656	87460	715	71711	81608	95712	74478	09625	81710	83630	86650	715	97141	001	r,pr.	rr.	
Farland Point	703	72516	82022	99913	6867/	09714	84830	86640	87360	703	72017	66258	93511	5737/	11627	85708	87460		703	91141	017			
Mount Batten	827	82114	70808	02112	6842/	10821	86818	88459		827	82023	70258	95513	884/	11627	81714	85820	88630	827	92131	000	pr,rr.	pr.	
ic Mawgan	817	72013	82022	01112	68428	09725	82710	85816	86460	817	71816	56258	93712	6227/	11729	83705	85710	86460	817	02131	008	jp	pr,rr.	
icilly	804	72122	65158	99214	5847/	11737	82817	84626	87460	804	83611	62638	92010	3542/	09829	83619	88558		804	18142	006	pr,rr	rr	
Culdrose	809	71915	70258	01012	4837/	11728	82708	83812	85460	809	71816	65258	93913	6232/	11729	81708	85810	87462	809	02132	002	pr.	pr,pr	
Guernsey	894	82117	70616	05412	6532/	11817	85708	85645	88459	894	71915	75606	98612	58372	11729	81709	84812	85360	894	02131	000	r,r.	rr,r.	
Elmdon	534	72011	68026	02113	32436	07713	83818	87275		534	71607	75028	97511	784/	08618	85818	86630		534	97131	022	+	pr.	
Cardington	559	72112	72026	03213	7857/	09715	84825	86645		559	81709	60216	99212	6847/	10716	83813	86630	88460	559	97140	006	ir.	rr.	
Wittering	462	62112	80012	02313	22538	09715	82820	85275		462	71507	70036	98911	5547/	09714	81616	85650	86362	462	97141	018	+	rr.	
Watnall	354	52011	75018	01313	48405	09712	83815	83270		354	71609	75032	97812	784/	09614	81810	87626		354	00141	051	+	+	
Shawbury	414	61912	83031	00313	58502	07715	84820	84645		414	71407	75028	95812	784/	09615	81816	83622	87645	414	97141	055	pr.	+	
Finningley	360	52011	70031	00615	28504	07715	82825	84080		360	51507	70011	97510	18571	08613	81825	85075		360	00151	079	+	+	
Spurn Point	396	72015	70031	01713	52501	08714	85820	87075		396	61612	68022	98912	34562	09714	83620	85360	86075	396			+	+	
Leeming	257	32110	80011	99313	38500	05812	81825			257	71205	66021	97112	3867/	07609	81830	83650	87360	257	00151	072	+	+	
Tynemouth	262	31916	66020	99312	22630	08603	82830			262	71806	61021	97812	4557/	07605	84625	87358		262	00131	066	+	+	
Carlisle	222	72709	65808	97710	794/	07808	81712	82918	85645	222	81705	61628	96210	5852/	08604	81820	83625	88460	222	05132	053	pr,pr,rr	rr,rr.	
Valley	302	72018	81801	97813	785/	08717	83820	87650		302	81623	65618	91612	6542/	11631	86613	88535		302	06142	038	pr,r.	rr,r,rr	
Ringway	334	52014	81031	00213	58502	07711	83822			334	71510	64028	96112	3567/	08614	83635	87358		334	97141	071	pr.	+	
Squires Gate	318	42014	70258	98814	49400	10712	82915			318	81310	59618	94711	3567/	10619	83630	86359	88462	318	94141	048	pr,pr	pr,r.	
Ronaldsway	204	72212	84038	97412	48536	07810	83826	87270		204	80510	58632	93308	5542/	08723	82711	84640	88458	204	23121	035	pr,r.	rr,r,rr	
Mull of Galloway	131	62320	83031	96512	12536	07805	81825	86275		131	81406	80606	94709	4742/	07705	84710	88459		131	08131				
Eskdalemuir	162	52210	75258	97009	48502	05804	84822			162	80000	81028	96308	2567/	06603	82645	83360	88464	162	02112	048	pr,pr	rr,rr	
Prestwick	135	42416	80021	95813	28530	03400	81820			135	71307	75021	95209	38578	06302	81825	83656	87268	135	01141	026	+	rr	
Abbotsinch	140	32217	80011	95211	38500	06003	82824			140	71505	75021	95211	38538	06305	81824	83650	87270	140	00121	049	+	+	
Leuchars	171	42214	80028	95312	28532	04603	82822			171	70000	81021	95809	25676	06209	81635	85360	87272	171	00141	078	+	+	
Dyce	091	71814	80026	94510	65431	05000	82617	85622		091	60000	58041	96209	24532	06315	81622	86072		091	97121	036	ir.	+	
Lerwick	005	41606	75031	94809	48402	07																		

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 southeastwards from near Iceland towards northwest Britain, merging with a developing low in the Southwest Approaches to form a complex depression covering most of the British Isles and northwest Europe. During the next 24 hours

this complex depression will move slowly east, a cold northeasterly airstream developing over most districts.

Issued at midday THURSDAY 6 OCTOBER 1977

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

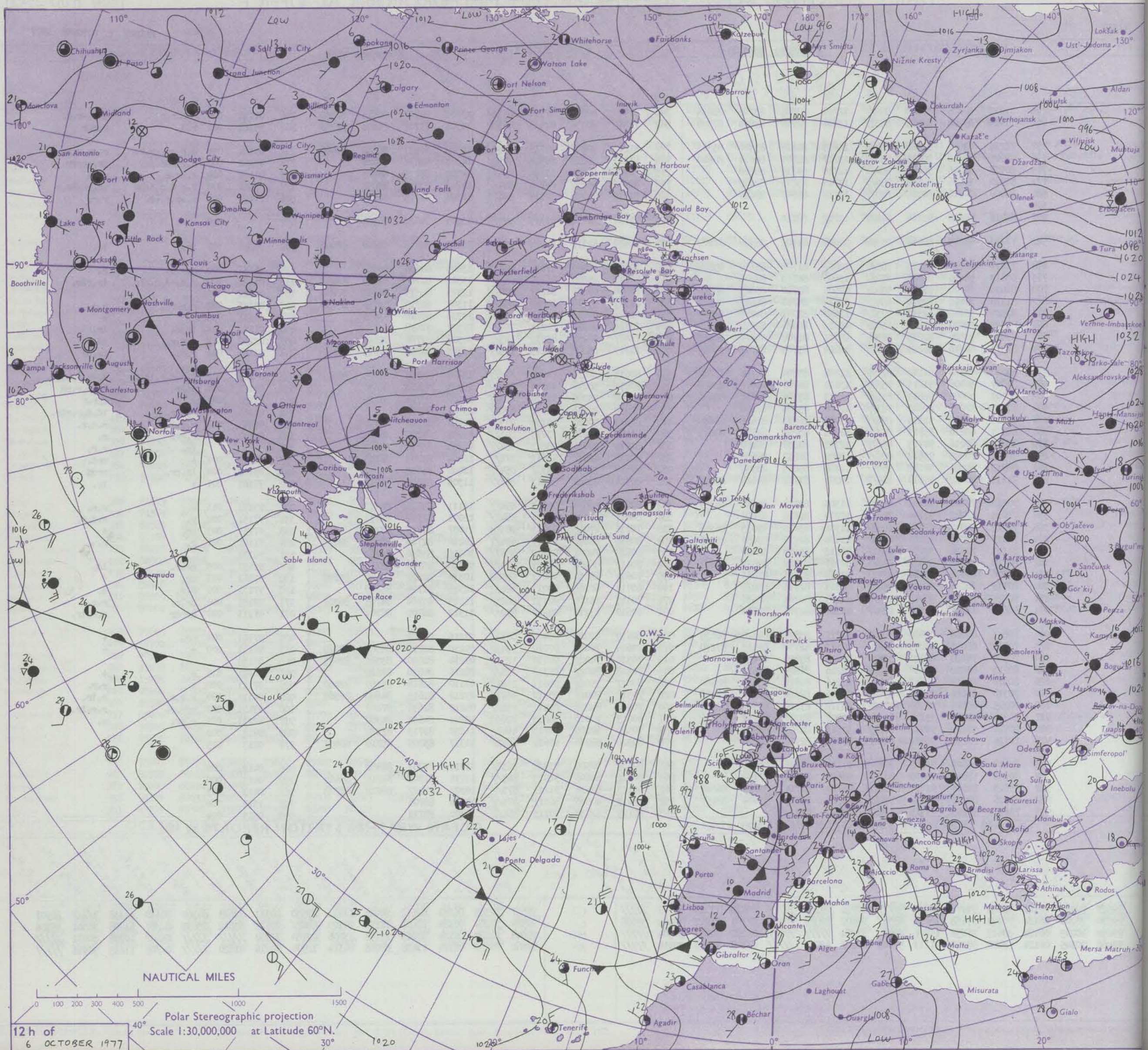
ISSN 0307-2541

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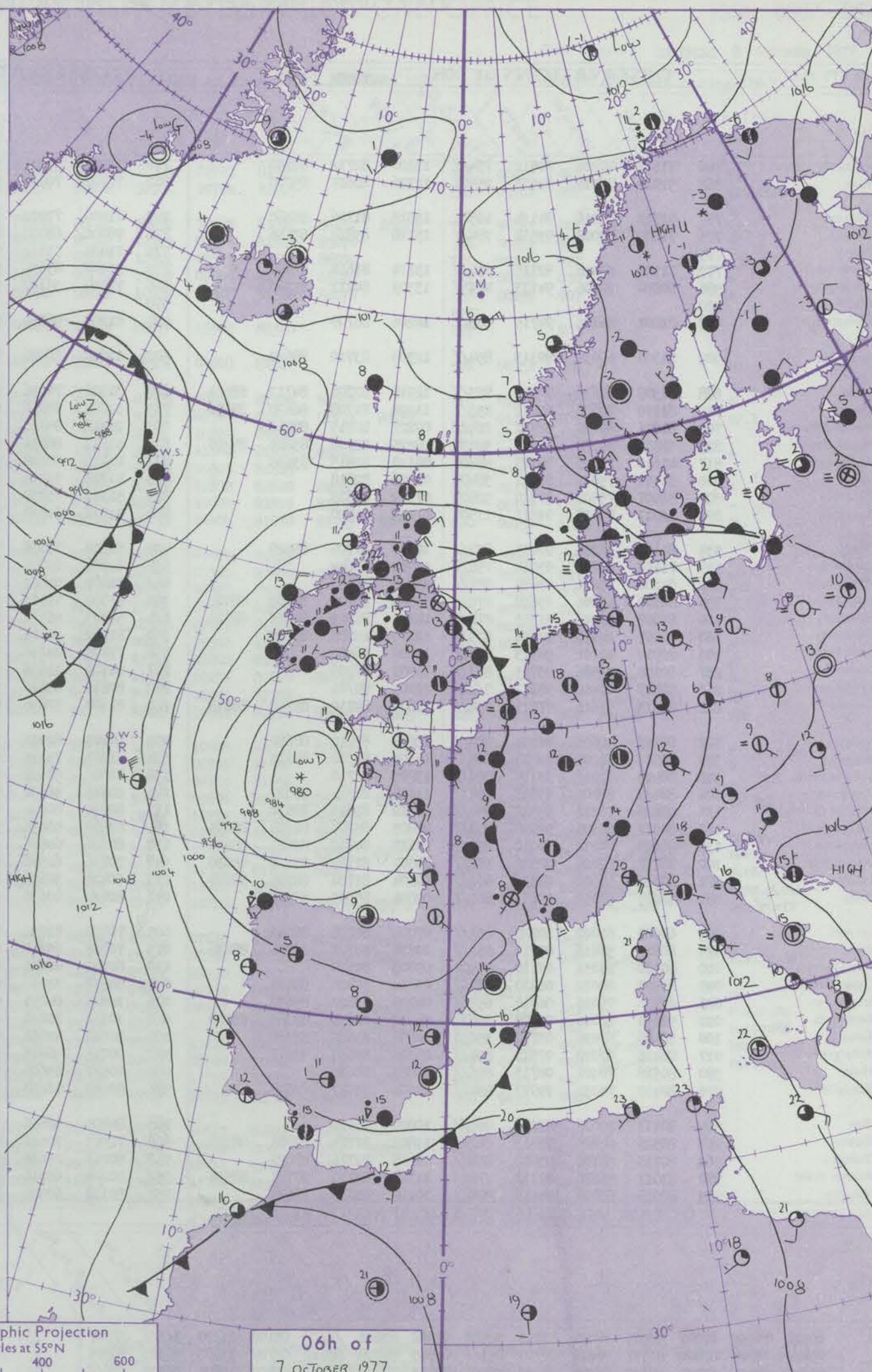
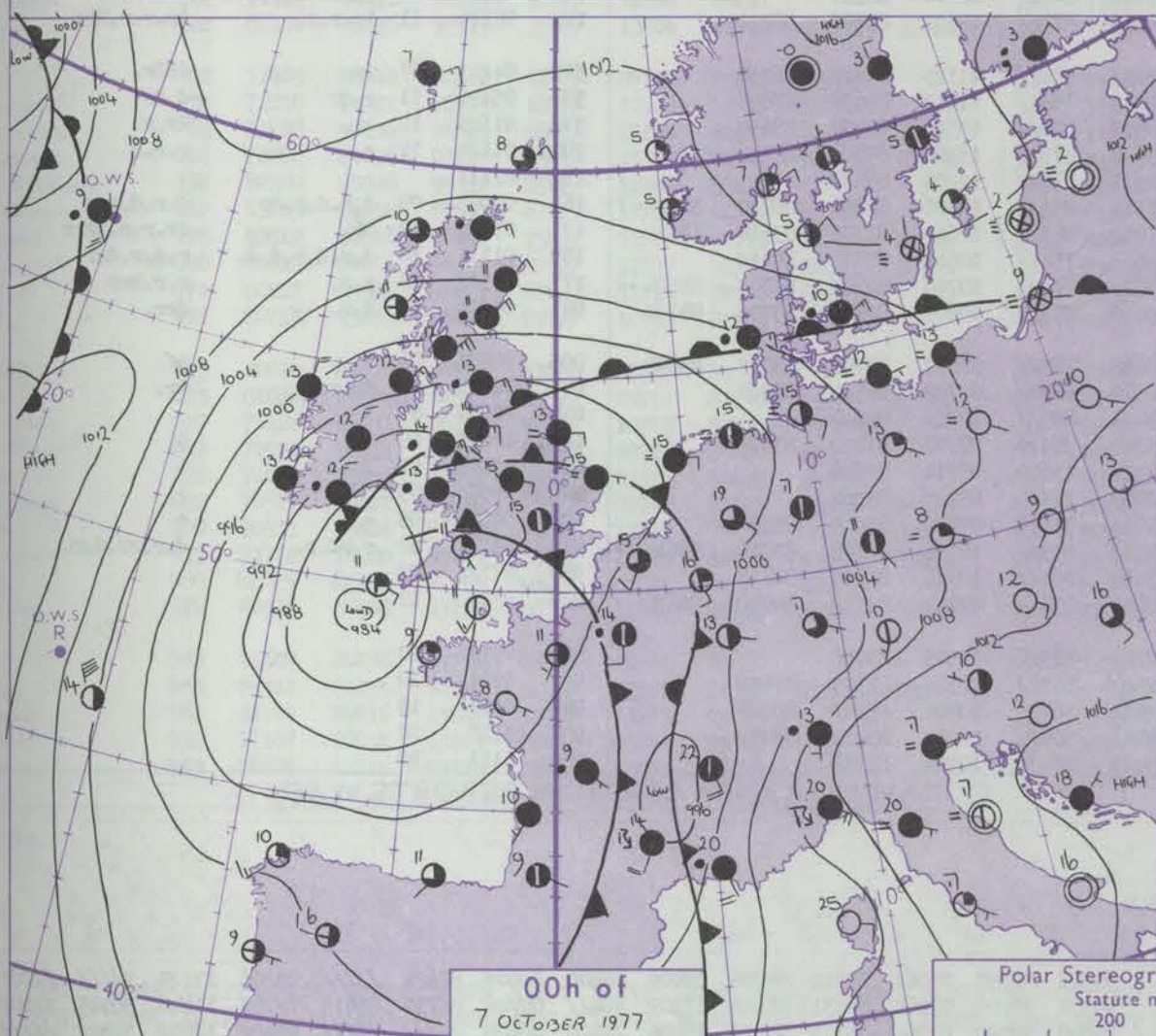
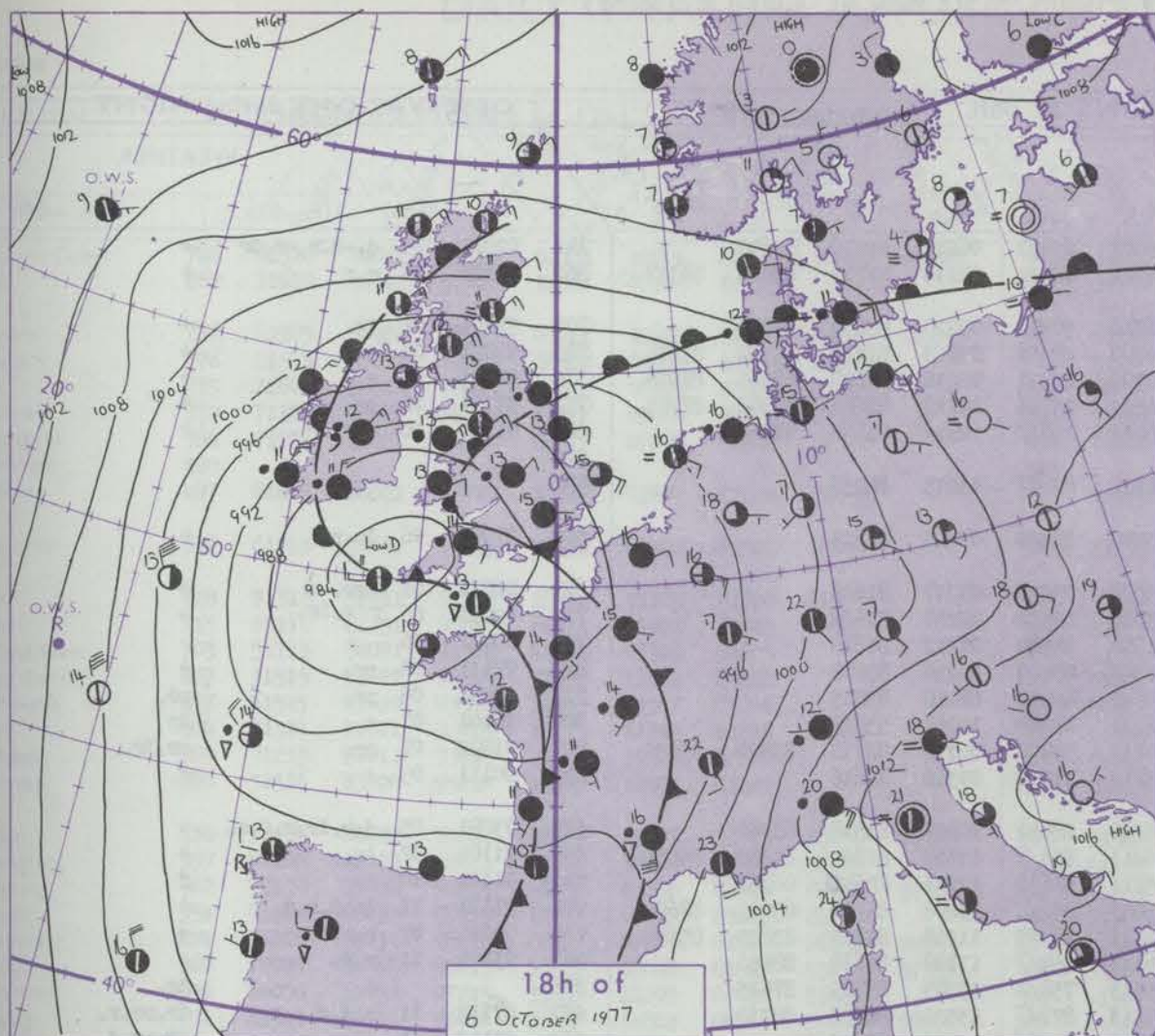
Date of Issue FRIDAY 7 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h. 6 OCTOBER 1977										OBSERVATIONS at 18h. 6 OCTOBER 1977										OBSERVATIONS during DAY				
09h.	Station	ill	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT x T x E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
	Boscombe Down	746	81013	58605	88813	852//	12709	83705	83708	88650	746	71012	60215	87714	6533/	13301	81707	86645	87360	746	01151	000	d.d.r.r	d.r.-r.d.		
	Hurn	862	71213	65208	87415	5837/	13816	82709	83814	87359	862	71308	60036	87515	45332	14304	81707	84656	87358	862	95161	001	r.d.	r.r.r		
	Manston	797	71214	62016	92016	28478	14615	81815	83360	85363	797	81213	50602	91715	1587/	15309	81657	86360	88465	797	03181	034	d.r.r.r.-r.r.	r.-r.r.r.r.		
	Gatwick	776	80907	60216	90415	853//	13717	82707	86614	88640	776	81211	56258	89516	4852/	14303	83826	88460		776	03161	000	d.r.r.r.r.pr.	pr.prrrr.		
	Kew	775	80908	62216	90415	854//	12716	84710	88620		775	80805	56056	89216	854//	14302	85715	88645		775	01161	000	r.ir.R	r.r.R		
	Heathrow	772	80910	59616	90515	854//	13716	85712	88618		772	80907	56258	89215	884//	15702	83818	88657		772	05161	000	r.r.d.r.d.r.d.R	pr.prrrr.r		
	Honington	586	80809	60216	92315	853//	13718	86707	88620		586	51210	45056	92315	55400	14304	83713	84620		586	91161	001	r.-r.r.-d.	r.r.		
	Wattisham	590									590									590						
	Gorleston	497	81416	48616	93914	874//	13712	88710			497	61218	58026	93315	4557/	13503	84620	86360		497		010				
	Aberporth	502	71219	65215	86714	25378	10608	81708	86359	87272	502	80810	62212	87413	7537/	11208	84708	86640	88460	502	93141	002	ir.	ir.		
	Filton	628	71016	62206	88113	783//	12607	81708	83712	85818	628	70809	58026	87014	4563/	13605	84640	86358		628	96151	000	d.r.d.	r.		
	Rhoose	715	80813	56606	86913	872//	13609	84703	88705		715	80713	45606	86214	7532/	13302	81708	87640	88458	715	01151	000	r.d.-d.r.r.r.	ir.r.r.		
	Hartland Point	703	81016	69026	83714	5542/	12509	83710	85625	88460	703	70810	69808	84213	5842/	12315	83815	84630	87460	703	01142	005				
	Mount Batten	827	81318	50616	83914	6542/	13710	84710	84612	88525	827	81711	65616	84812	854//	11307	82712	83616	88630	827	05141	000	r.r.r.r.	r.r.		
	St. Mawgan	817	81520	58216	82313	5732/	12510	82707	84709	88550	817	51712	80016	83511	48470	10318	81810	83650		817	04141	015	rr	r		
	Scilly	804	83423	65026	83610	6552/	08815	86620	88558		804	72716	62216	82211	754//	09307	87618			804	01112	001	ir.ir.	ir.		
	Culdrose	809	80406	70026	82213	5832/	10611	81708	85620	88462	809	71607	80258	83511	783//	09316	82708	85815		809	02132	013	irr.r.	pr.		
	Guernsey	894	81513	66216	86213	7527/	12609	83705	85708	87650	894	71717	65806	86213	793//	12303	82708	84915	85650	894	01141	002	r.r.	ir.pr		
	Elmdon	534	80910	40586	91212	872//	11708	83704	86706	88709	534	80611	30616	89913	872//	13802	83704	85705	88707	534	05141	000	d.r.d.r.ir.d.	d.-r.r.r.d.r.		
	Cardington	559	81009	59206	91415	7532/	13614	84709	87640	88460	559	80810	58216	90215	854//	15303	85618	88630		559	04171	001	idir.	ir.r.r.r.R		
	Wittering	462	80909	50602	92613	853//	12713	83706	86707	88620	462	80808	25206	91714	863//	13500	83707	88710		462	93151	000	r.	d.r.		
	Watnall	354	70913	57056	92813	783//	12708	85708	87656		354	80512	22586	92113	870//	13301	88700			354	01141	000	r.d.r.	id.d.r.r.r.		
	Shawbury	414	80911	58206	91113	854//	11604	86711	87625	88645	414	80611	50606	90114	873//	12000	81708	88710		414	01141	000	r.d.r.	r.d.r.		
	Finningley	360	80811	65216	93713	853//	12708	83708	86712	88625	360	80509	45216	93213	861//	13202	85702	88704		360	01141	000	r.r.r.	r.		
	Spurn Point	396	80915	60216	94713	4567/	12708	84630	88460		396	80914	50016	93813	854//	13203	83710	88625		396			ir.	r.r.		
	Leeming	257	80912	70045	95514	884//	10602	82817	88630		257	80110	40622	95912	872//	12304	85703	88705		257	02141	001	+	rrd.		
	Tynemouth	262	80915	69026	98112	5557/	12108	85625	88358		262	80620	39106	98312	854//	12400	88612			262	03122	004	ir.pr.	rrdd		
	Carlisle	222	71111	66022	95614	684/2	10207	81717	84625	85640	222	80914	62022	97213	863//	11305	83709	88713		222	97141	001	+	ir.		
	Valley	302	70818	78026	90014	45442	11303	81710	84628	86359	302	80620	56616	90913	854//	12111	83614	88618		302	93151	013	+	r.r.		
	Ringway	334	71014	62022	92214	784//	10704	82816	87650		334	80617	59036	91714	864//	12001	81710	88712		334	97151	002	r.	r.d.r.		
	Squires Gate	318	71015	59042	92914	6853/	11301	83825	85635	86358	318	70716	67018	92913	28578	11007	81820	87359		318	97151	003	pr.	+		
	Ronaldsway	204	70819	61046	92214	45432	11104	82712	83650	85359	204	80516	63606	94213	654/7	10216	81716	86628	88270	204	91141	001	r.	r.		
	Mull of Galloway	131	81125	74026	93412	4551/	10212	84625	88460		131	80828	74032	96212	3567/	10216	83630	88460		131	91131					
	Eskdalemuir																									

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 remained slow-moving to the southwest of England, whilst frontal troughs within its circulation moved slowly northwards reaching Northern Ireland and southern Scotland by the end of the period. During the next 24 hours pressure

will remain low to the southwest of the British Isles and the frontal troughs are expected to reach northern Scotland.

Issued at midday FRIDAY 7 OCTOBER 1977

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

OBSERVATIONS at 00h. 7 OCTOBER 1977										OBSERVATIONS at 06h. 7 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	71512	70216	91512	754//	11220	82712	87640		746	71105	82031	95507	65432	06215	81710	85640		746	02071	03	d.-d.r.-r.dr	+	
	862	52012	75016	91513	25501	12326	82627	85070		862	71707	70031	94912	48431	09214	81712	83816	86357	862	01101	08	r.r	+	
Manston	797	81712	60216	94114	1637//	13019	81706	88360		797	71906	77022	96710	50971	09210	83360	84363		797	97101	07	ir.	+	
	776	71607	58048	93514	784//	13116	83814	87656		776	70000	68028	96709	28556	09213	81820	85362	87275	776	97081	04	pr.	+	
Kew	775									775	71401	75112	96209	25531	09216	82620	85365	87075	775	00081	03	+	+	
Heathrow	772	71307	59016	92715	754//	13114	81614	87650		772	71102	65038	96511	25756	10218	82656	83362	87275	772	97101	06	pr.	+	
Honington	586	60804	28106	94113	4643//	13309	84711	85360		586	71704	35102	96012	1567//	12312	81640	87362		586	91121	10	r.r.	+	
Wattisham	590									590														
Gorleston	497	81007	56106	94715	863//	14206	88709			497	81808	56051	96714	8091//	13215	88458			497					
Aberporth	502	81109	60636	89313	854//	12308	83710	88623		502	11610	86026	93508	18400	07225	81815			502	07081	06	ir.rr	+	
Filton	628	81308	60636	90913	853//	12318	82708	84712	88624	628	31506	70036	95008	25530	07217	81625			628	02071	01	rrr.	+	
	715	81210	70608	90012	853//	11224	81708	86620	88656	715	11008	65016	93910	15500	08219	81625			715	02091	06	rpr.ir.	+	
Rhoose	703	81606	89028	88711	2242//	09227	82815	88460		703	21212	85011	91808	28500	07212	81825			703	00081	06			
Hartland Point	827	51812	70258	89411	38430	09225	82816	83625	85359	827	41711	80031	92312	48400	09216	83818			827	97111	08	pr.	+	
Mount Batten	817	41610	80028	88109	48400	08119	82815	83635		817	41412	80028	90910	48400	08216	83815			817	01081	05	pr.	pr.	
St. Mawgan	804	31311	75031	86711	38400	09226	82818			804	41218	70216	88111	48400	10207	83818			804	96101	07	+	ir	
Scilly	809	51407	75808	87910	52400	07219	85818			809	51213	75218	90111	58400	09112	82710	83820	85630	809	01092	07	pr.	pr.ir.	
Culdrose	894	12017	84018	91811	11500	07225	81820			894	11516	84030	93912	11430	09316	81816			894	00111	05	+	+	
Guernsey																								
Elmdon	534	81109	56216	92015	852//	14211	87705	88620		534	51603	75036	95310	18452	10217	81818	83360		534	93081	05	d.r.ir.r.d.r.	+	
Cardington	559	71409	61216	93014	756//	14213	87644			559	62008	65022	96211	653//	11320	81709	84633	85656	559	91101	07	ir.	+	
Wittering	462	81006	35216	93814	857//	13212	88656			462	71602	03462	95711	55672	11211	85640	86362		462	91111	10	r.	f	
Watnall	354	80709	15206	93614	870//	13106	82701	85702	88708	354	81001	15102	95013	852//	13208	83704	85615	88650	354	93121	11	ir.d.r.d.	+	
Shawbury	414	81007	42216	91315	872//	14301	81705	84707	88710	414	51303	56116	94311	58400	11218	81810	83620	85645	414	03101	07	r.r.r	+	
Finningley	360	80907	24616	94414	873//	13305	85706	88712		360	81502	25106	95113	854//	13108	86618	88656		360	93121	11	r.r.	+	
Spurn Point	396	80911	40102	94913	8092//	13500	88460			396	71405	24216	95413	754//	13303	83715	87625		396			+	ir.	
Leeming	257	80107	35586	95913	873//	13501	88706			257	80102	12636	95513	872//	13501	84703	88710		257	05132	11	r.d.d.	ir.rr.r.	
Tynemouth	262	90817	01456	98212	9////	12605	89/01			262	80818	08616	97412	8052//	12400	88520			262	05112	11	ddrr	FFrrd.d.	
Carlisle	222	80813	57616	97213	854//	11603	84710	85712	88618	222	81107	57636	96213	873//	12601	85707	88710		222	06121	11	ir.r.r.	ir.r.r.rrr	
Valley	302	80717	50606	91314	854//	13604	83710	88650		302	61403	82016	93211	2843//	11125	81815	86358		302	04111	07	ir.	irir.	
Ringway	334	80911	50206	92815	864//	14103	84710	88712		334	71207	75215	94313	756//	11211	81630	87656		334	95121	11	r.dr	d.dr	
Squires Gate	318	80913	62216	93114	864//	13803	88710			318	81509	57602	94413	853//	13316	82707	88635		318	01121	12	ir.	rr.r.	
Ronaldsway	204	80422	68606	93813	854//	11606	81715	88622		204	80615	56606	93614	873//	13306	85708	88712		204	01121	11	r.	r.r.r	
Mull of Galloway	131	80828	70212	95512	854//	10712	83615	88630		131	80925	80026	94513	6562//	12203	86630			131	01111				
Eskdalemuir	162	80212	50595	98910	853//	09803	85707	86714	88635	162	83609	56636	97311	853//	10806	82708	86710	88620	162	05092	09	d.r.d.r.d.r	d.r.d.r.r	
Prestwick	135	80623	64212	99012	854//	10617	84712	85621	88635	135	80726	64606	97012	853//	10610	81709	83614	86642	135	03111	09	ir.	ir.r.r.irrr	
Abbotsinch	140	70717	62025	00512	754//	09807	81715	83620	85630	140	70716	62586	98612	754//	10612	83710	86712		140	01111	10	d.r.d.r.d.d.	r.d.r.d.r.	
Leuchars	171	80420	56602	02511	862//	10804	81704	86705	88709	171	80421	36636	00711	871//	10708	82702	85703	88704	171	14102	10	r.r.	r.r.rrr	
Dyce	091	80409	50052	05411	862//	09804	85705	88710		091	80614	40636	03610	872//	09609	82704	85705	88710	091	05101	09	d.r.	dr.	
Lerwick	005	60609	81022	10708	653//	07002	84708	86645		005	70709	81031	09608	783//	07602	82708	83812	85650	005	00081	06	+	+	
Wick	075	80813	58616	07911	852//	10804	83703	86706	88636	075	70918	65216	06310	6643//	09708	86712	87360		075	92101	07	ir.r.r.	ir.	
Sule Skerry	010	40520	74031	09710	45500	09803	84620			010	80920	66031	07411	655//	10712	88620			010	00080	07			
Cape Wrath	049	80520	80022	06810	885//	09814	84820	88625		049	30917	82011	05309	38500	07707	81820	83625		049	00091	08	+	+	
Stornoway	026	60716	75016	06810	655//	08709	83620	85630		026	10814	64051	04310	15600	08714	81640			026	97091	07	ir.	+	
Benbecula	022	50414																						

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

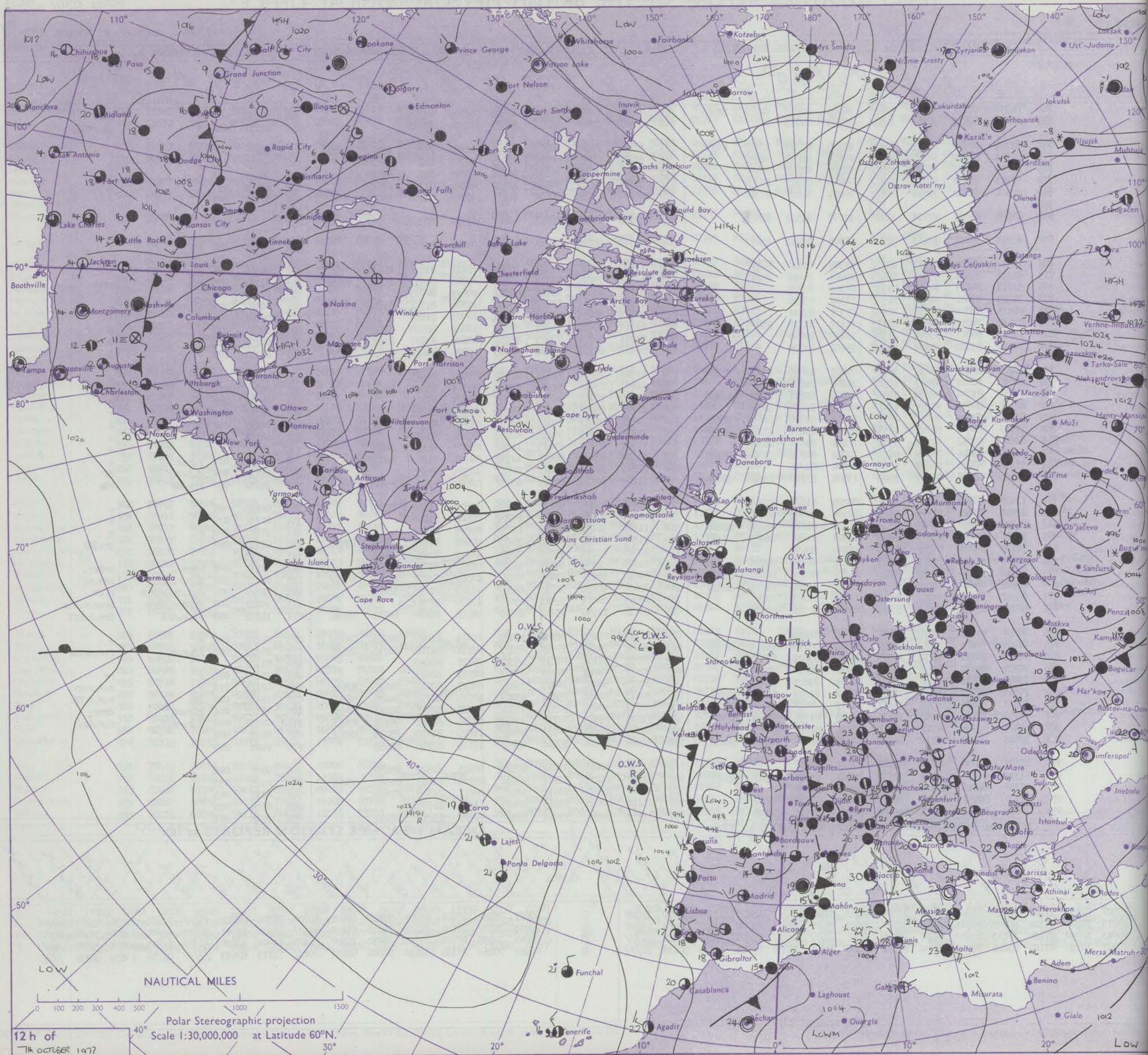
ISSN 0307-2541

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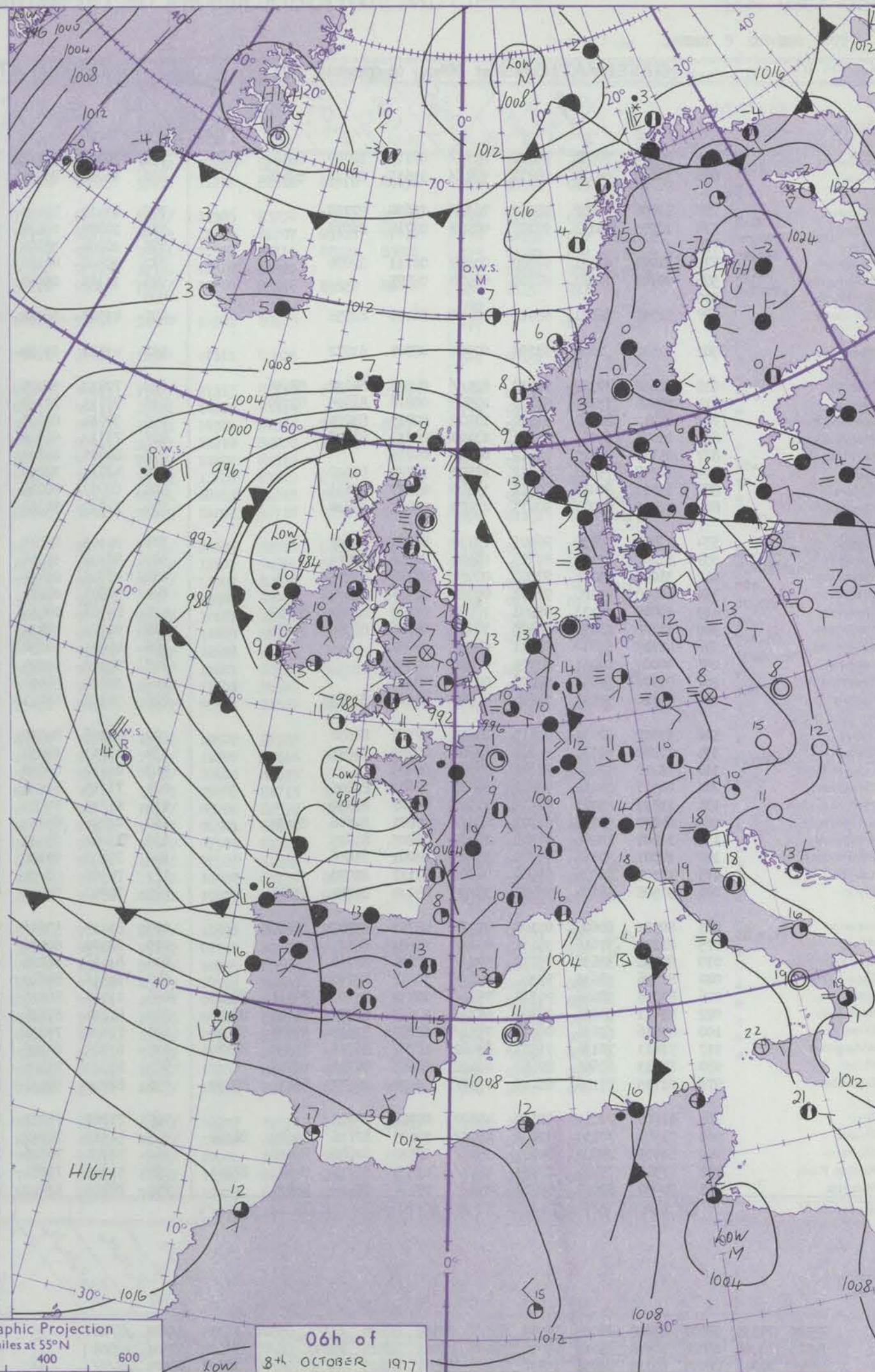
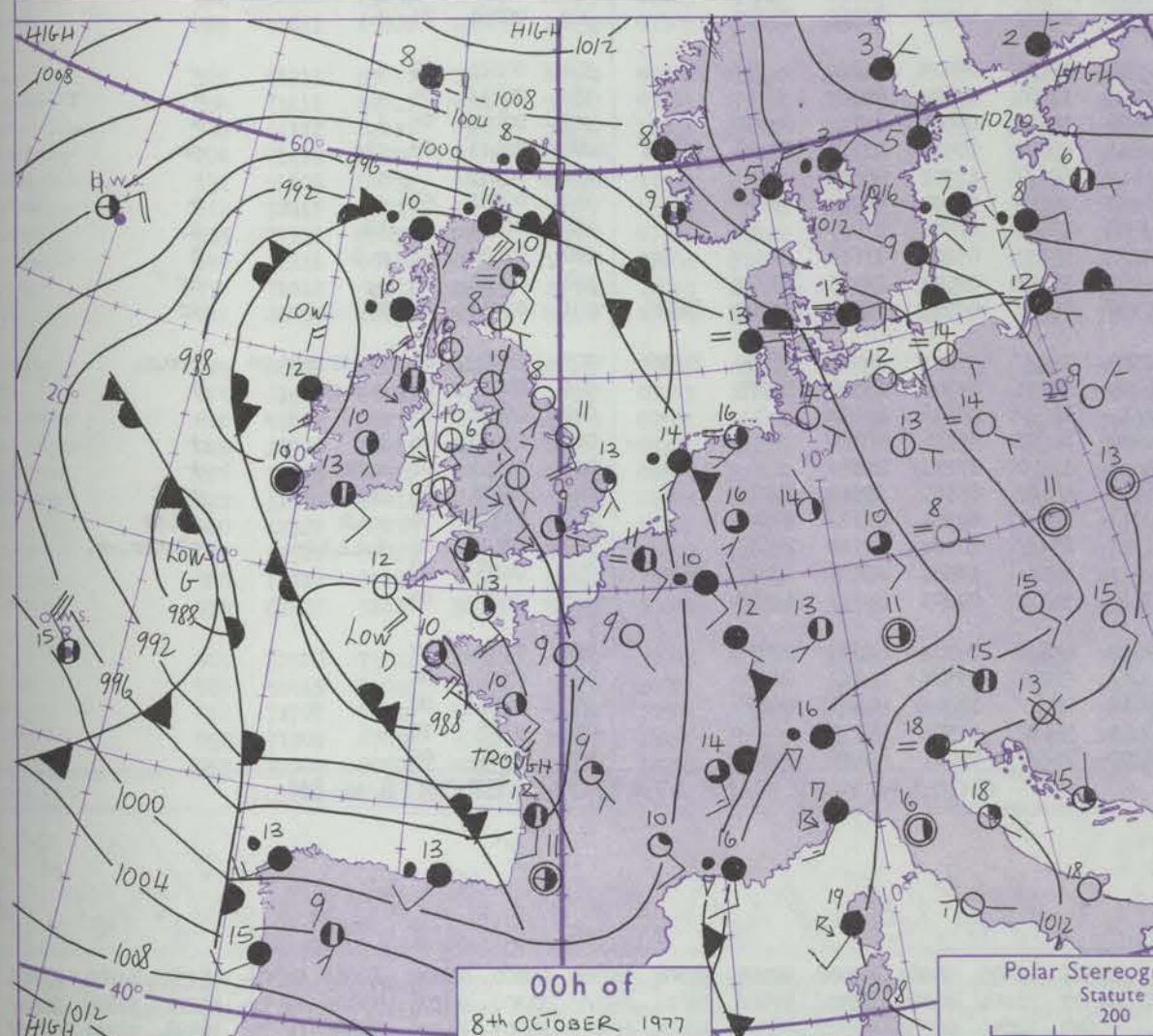
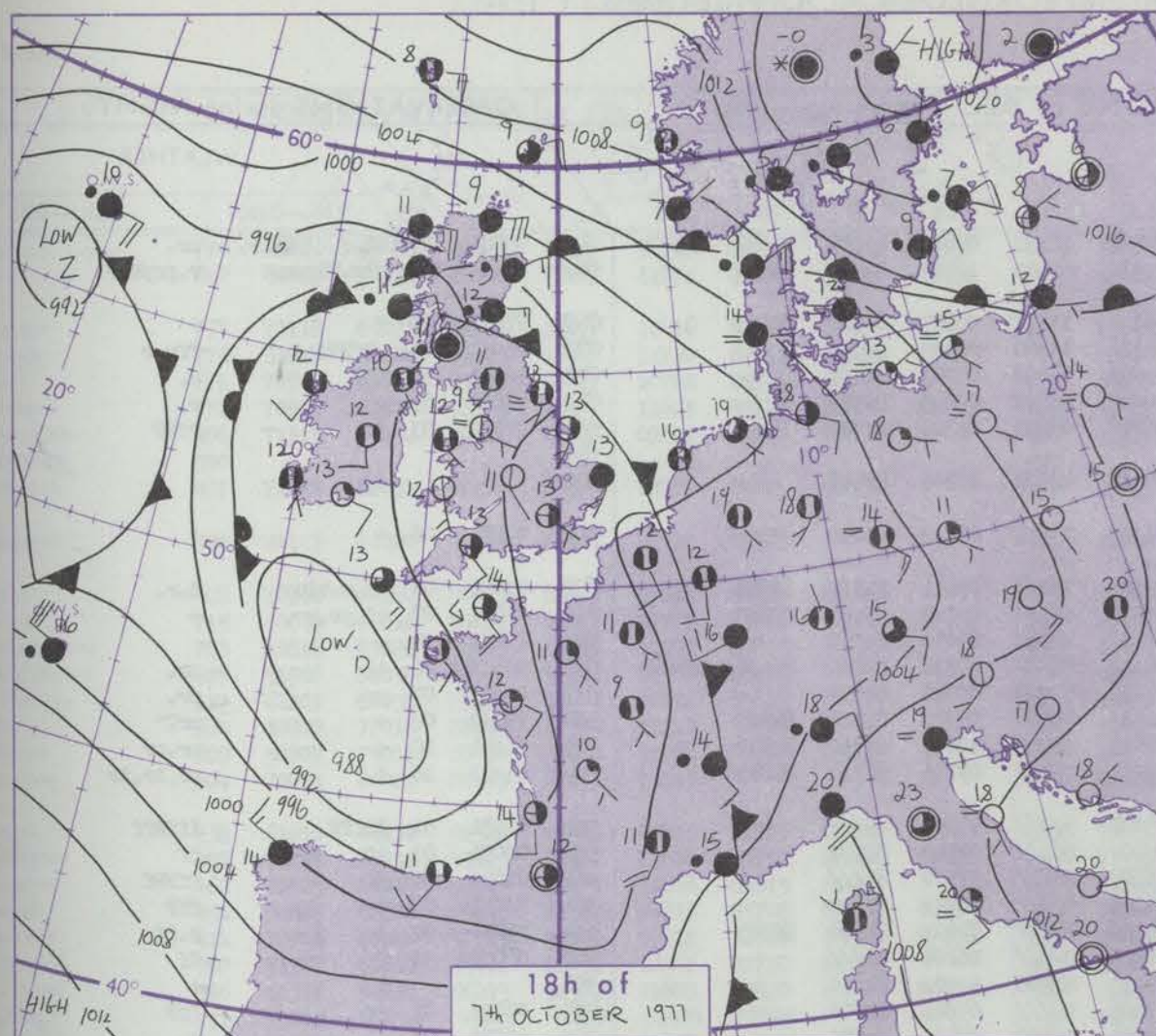
Date of Issue SATURDAY 8 OCTOBER 1977

Code FM 11.V		OBSERVATIONS at 12h.										7 OCTOBER 1977										OBSERVATIONS at 18h.										7 OCTOBER 1977										OBSERVATIONS during DAY																			

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 south of Iceland has moved southeast and filled but a further low developed to the west of the Hebrides yesterday evening. A depression just west of Brest has moved very slowly northwards. An associated occluded trough across Northern Ireland and

northern England to Denmark has also moved north, now extending across north Scotland to the Skagerrak. During the next 24 hours the low complex is expected to persist over the British Isles, northwest Europe and the eastern North Atlantic.

Issued at midday SATURDAY 8 OCTOBER 1977

42

Static

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

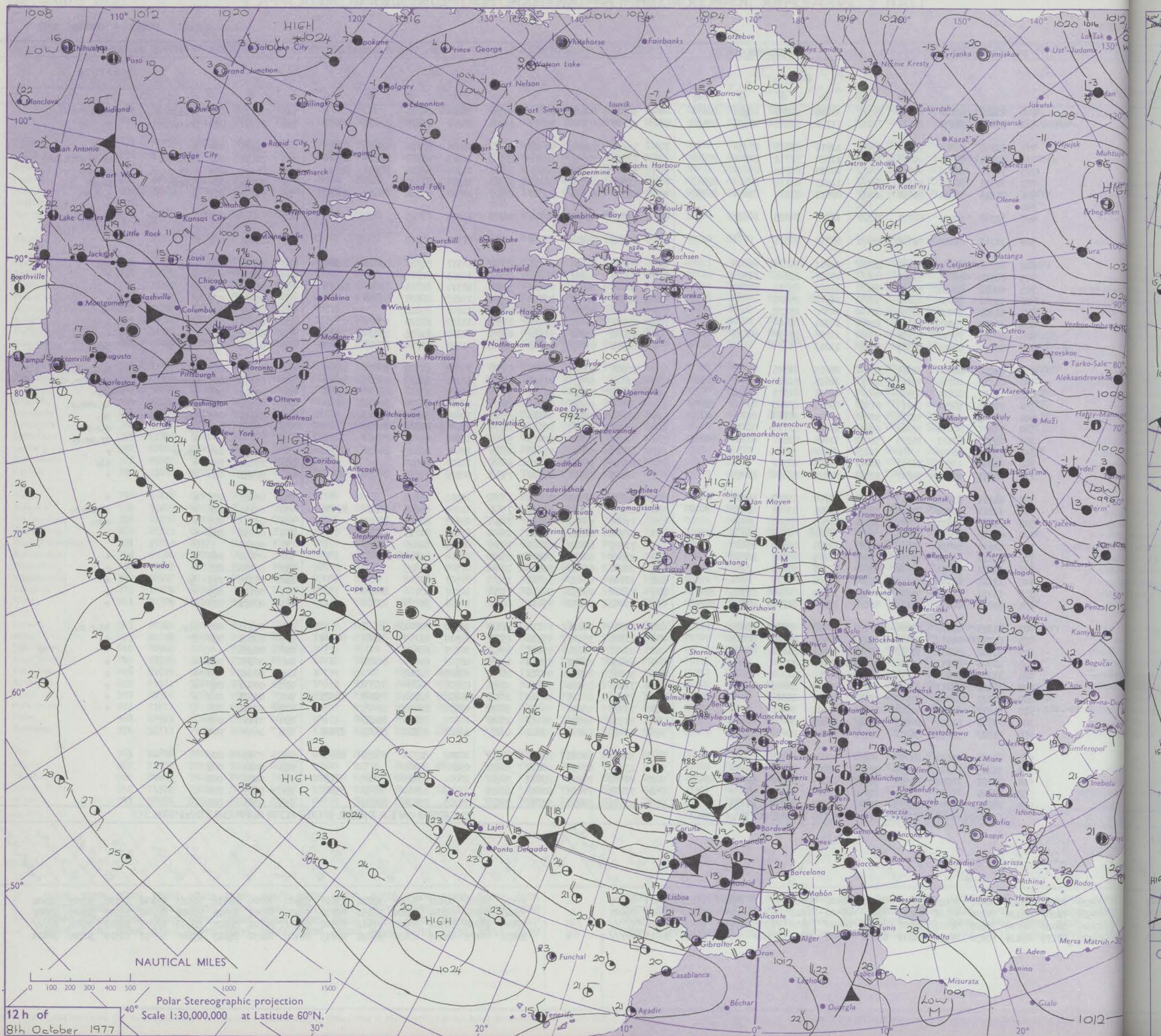
ISSN 0307-2541

42325

Date of Issue SUNDAY 9 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h. 8 OCTOBER 1977										OBSERVATIONS at 18h. 8 OCTOBER 1977										OBSERVATIONS during DAY				
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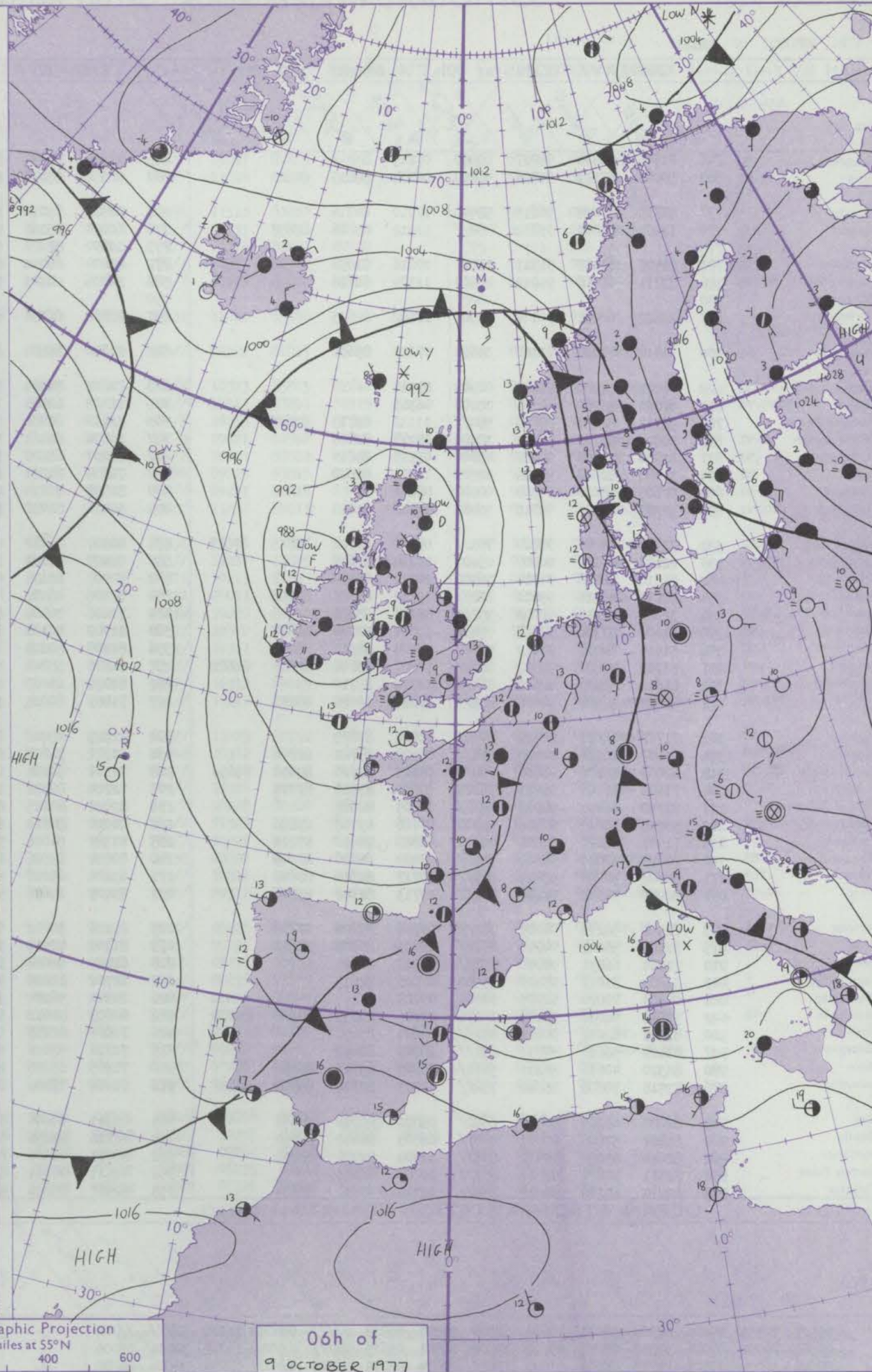
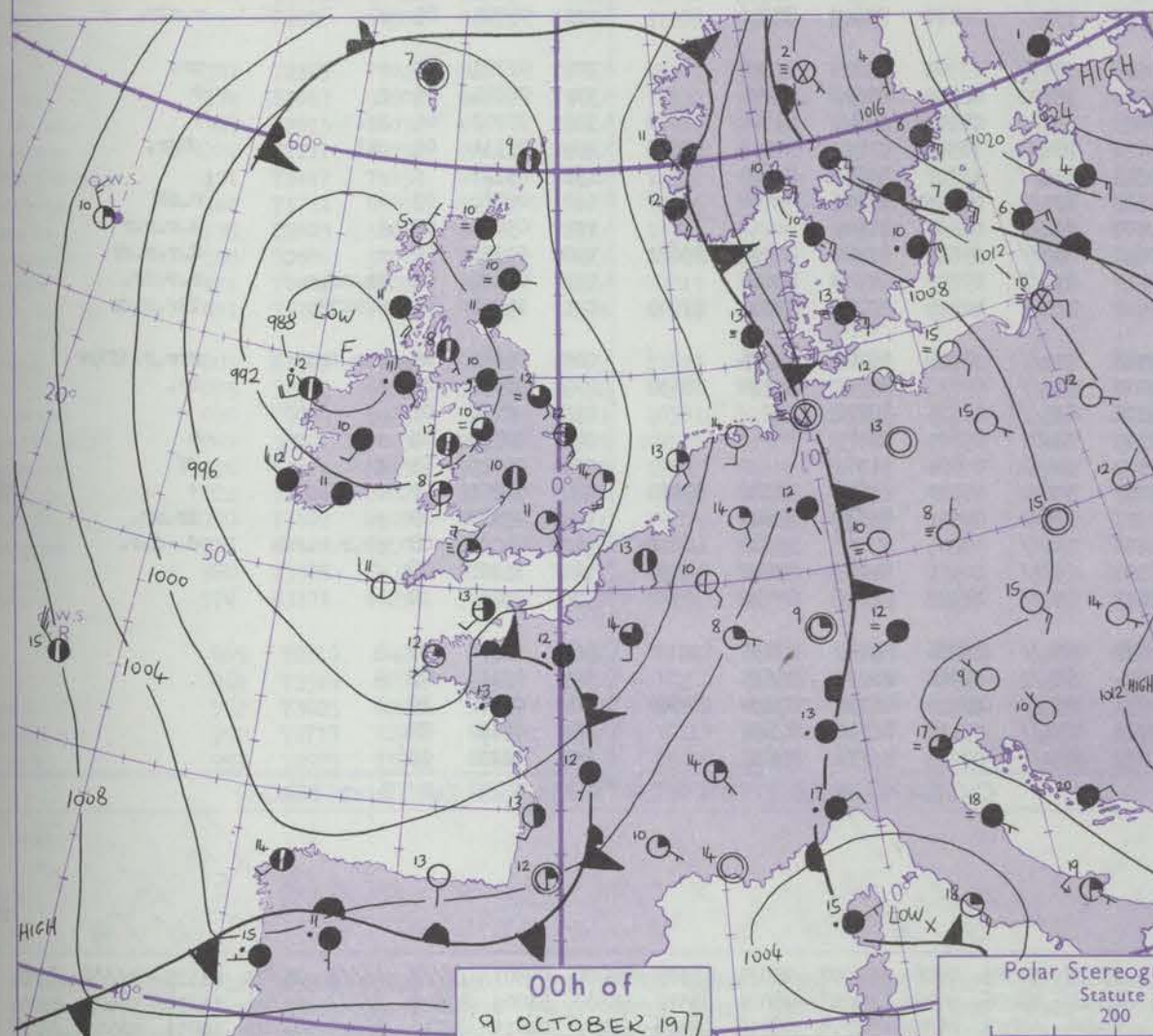
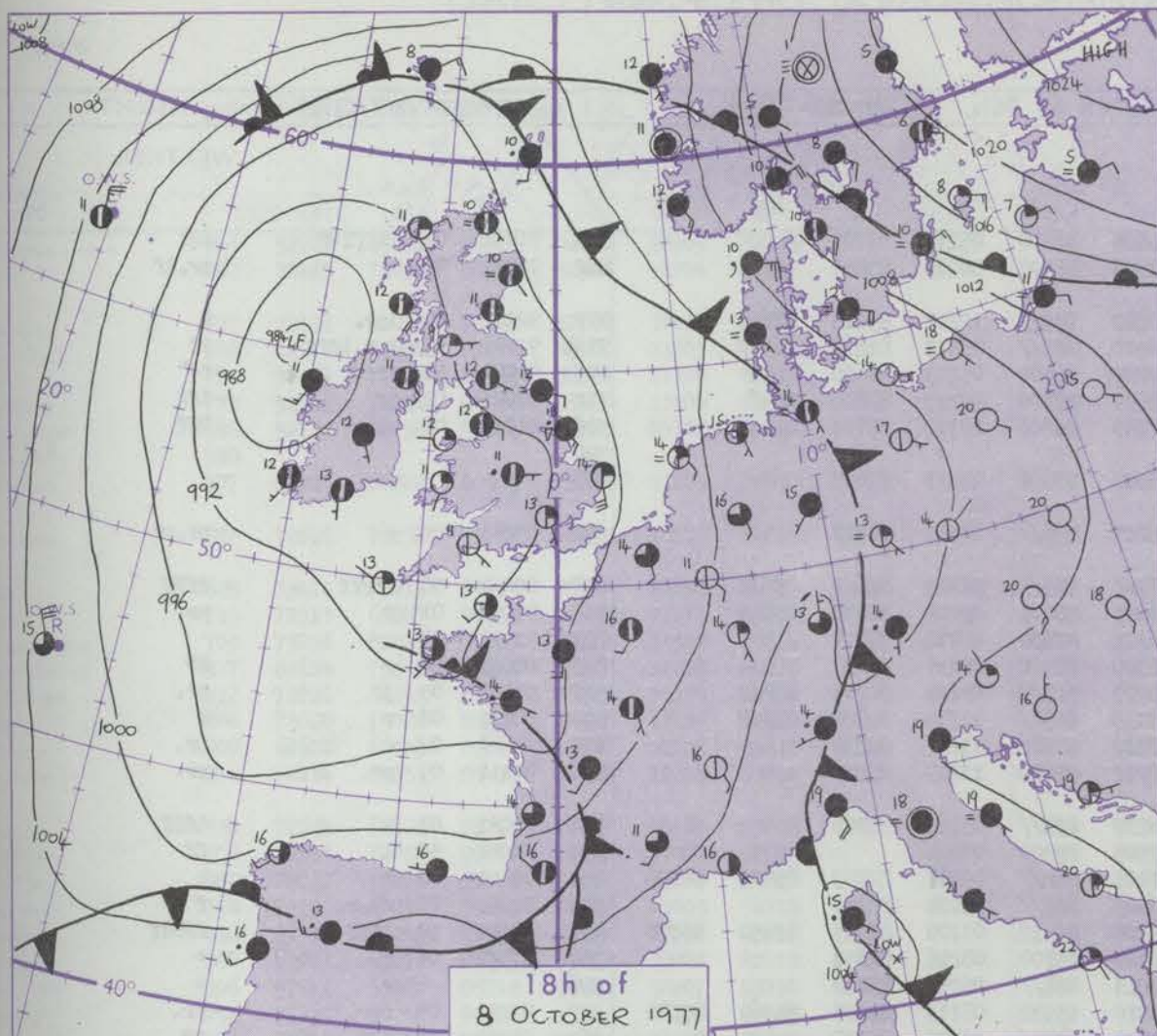
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



12 h of
8th October 1977

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

CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the last 24 hours a complex area of low pressure, with its main centre northwest of Ireland covered the British Isles. Pressure remained high over Iceland and the Azores. During the next 24 hours, the main centre of low pressure off Ireland is expected to fill,

while a new centre forms north of Faeroes, giving a westerly airflow over the whole of the British Isles.

Issued at midday SUNDAY 9 OCTOBER 1977

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

OBSERVATIONS at 00h. 9 OCTOBER 1977										OBSERVATIONS at 06h. 9 OCTOBER 1977										OBSERVATIONS during NIGHT				
Code FM II.V	Station																						WEATHER	
		iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _e	T _g T _g	21h.—03h.	03h.—09h.		
	Boscombe Down	746	01305	03424	95007	00900	07215			746	11908	01444	97805	16000	05213	81701		746	91051	02	11fff	FFF		
	Hurn	862	50000	58111	94706	58400	06214	82815	84621	862	40000	08418	97906	48400	06215	83815		862	92051	03	+	pr.1f		
	Manston	797	51713	80028	96613	58400	12210	84814		797	71905	75032	98513	754//	12212	83615	87645	797	92111	09	1pr.	+		
	Gatwick	776	72204	58809	95712	784//	11212	83816	87637	776	60000	45118	98310	684//	10313	81818	86650	776	92091	05	1pr.1fff	1f		
	Kew	775								775	11802	65124	97805	15700	05213	81650		775	91041	51	1ff	1f		
	Heathrow	772	21504	61018	95311	15741	10216	81656		772	21904	08414	98009	28400	09215	82815		772	97071	02	1f	1ff		
	Honington	586	21711	68016	95212	25400	11309	81616		586	51706	24101	97710	56000	09312	85701		586	01091	07	r.	FFF		
	Wattisham	590								590								590						
	Gorleston	497	21822	66031	96114	28500	12102	82825		497	72009	66036	98513	75400	12213	87618		497						
	Aberporth	502	31810	70031	93308	35600	07209	83630		502	71810	60801	95109	734//	09211	87912		502	03071	05	+	pr.pr		
	Filton	628	01002	11286	94408	00900	07314			628	71802	58104	97107	755//	07212	82622	87630	628	00031	50	ffFFF	fff		
	Rhoose	715	00000	56280	94306	00900	06313			715	52108	64021	96811	58401	09214	81710	85614	715	97051	01	f	pr.		
	Hartland Point	703	52715	82031	93713	554//	11112	83713	85634	703	52618	80032	96213	42530	10212	84820		703	92111	08				
	Mount Batten	827	30000	57100	94909	38400	08218	82818		827	00000	01461	98309	00900	08219			827	00081	04	+	FF		
	St. Mawgan	817	41904	40408	94809	45400	09215	84616		817	62107	65801	98009	622//	09214	81705	86812	817	93091	03	1f	pr.		
	Scilly	804	12908	82020	95111	12500	11215	81820		804	72714	81031	98113	6857/	11214	82820	86628	804	00111	06	+	+		
	Culdrose	809	02605	68010	95009	00900	09212			809	32509	70011	98312	38401	11217	82818		809	91081	02	+	pr.		
	Guernsey	894	52309	84018	95713	52400	12213	85811		894	32411	84018	99712	32400	11219	83816		894	97111	09	pr.	pr.		
	Elmdon	534	72107	56046	93710	751//	09222	81702	85705	534	81907	08412	96709	860//	09212	88700		534	00081	07	+	1fff		
	Cardington	559	22107	64136	94809	25400	09214	82619		559	02402	02464	97505	00900	05214			559	00041	50	1	ff		
	Wittering	462	41810	60106	94010	46400	10212	84710		462	82007	45101	97109	862//	09211	82703	85705	462	00091	08	+	+		
	Watnall	354	82111	40216	93011	872//	11312	85705	88708	354	82106	28102	96309	860//	08214	88701		354	01081	09	rd.r.	f		
	Shawbury	414	32303	03411	92908	35700	07221	83650		414	71606	36104	95308	35432	07109	81615	83650	414	97041	50	1fff	fff1f		
	Finningley	360	71607	57106	92011	754//	11001	84710	86635	360	11909	40101	95309	15700	08216	81656		360	97081	06	r.	+		
	Spurn Point	396	51615	64028	93112	5097/	11504	85360		396	81908	50021	95911	864//	09216	88710		396			+	+		
	Leeming	257	81705	45806	91811	882//	10707	83704	85810	257	61706	35048	93810	15532	08113	81627	84360	257	03091	05	rpr.	pr.		
	Tynemouth	262	81610	56219	92512	864//	11714	88710		262	62010	61022	92610	6097/	10306	86358		262	03101	09	tlr	pr		
	Carlisle	222	80802	56501	91610	855//	09611	82628	88656	222	71403	60015	91509	755//	09002	83625	87646	222	93091	05	d.	r.rir.		
	Valley	302	71712	60021	91712	00901	10002	87075		302	72323	68018	92213	3847/	11303	82812	87358	302	92071	04	+	pr.		
	Ringway	334	81907	20106	92410	861//	09308	83702	88704	334	61811	50104	94709	55602	08210	85640	83070	334	00081	05	f	+		
	Squires Gate	318	62002	56106	91610	654//	09303	82710	84630	318	71511	50101	93009	45672	08202	84640	86360	318	97091	06	ir.	+		
	Ronaldsway	204	71606	57041	91211	35608	10000	83635	87274	204	72214	80252	90712	784//	10503	81713	84816	204	02111	05	pRI	prpr.		
	Mull of Galloway	131	81710	66031	90912	855//	10805	88625		131	82321	80026	98611	885//	11707	82820	88630	131	03111					
	Eskdalemuir	162	53505	60011	92108	55300	07716	83708	83656	162	80000	30211	91708	873//	07801	88706		162	06072	03	+	r.rR		
	Prestwick	135	71507	65021	91608	45701	06808	84650	87075	135	81107	56606	90109	856//	08608	88645		135	03071	02	+	d.r.r.r		
	Abbotsinch	140	70805	57041	92210	755//	08809	81620	87645	140	80804	25586	90609	852//	09806	81704	84707	140	01091	06	+	d.r.r.r		
	Leuchars	171	80608	50052	93011	863//	10717	84706	88708	171	83204	65216	90710	653/2	09707	82708	86620	171	01091	08	ir.r.r.r.	r.r.r.		
	Dyce	091	80902	30102	94210	861//	10713	82702	88703	091	83403	25646	90910	870//	10718	82701	85702	091	10091	07	r.rRjf	1r.r.r.		
	Lerwick	005	71508	58216	96209	762//	09706	83704	87710	005	81206	50602	93910	872//	10716	86703	88706	005	04082	05	r.r.r.	rrr.r.1frr		
	Wick	075	81508	56102	94910	852//	09609	84705	88612	075	81108	40101	92010	853//	09716	82708	84714	075	91091	06	+	ir.		
	Sule Skerry	010	71414	66031	94910	755//	10710	87620		010	61415	66022	93210	655//	09608	86620		010	00080	07				
	Cape Wrath	049	21808	81011	93109	25500	07806	82625		049	12702	81020	92209	00901	05705	81075		049	00070	03	+	+		
	Stornoway	026	00303	70020	92705	00900	05708			026	23104	56284	91803	10932	03604	81362		026	00031	51	f	ff		
	Benbecula	022	50908	84031	92108	15676	07707	81635	84360	022	60603	84012	92007	35632	07400	83640	83360	022	00061	52	+	+		
	Tiree	100	81319	62012	90611	857//	09604	88650		100	71009	62216	90211	756//	09301	83620	87640	100	93101	09	r.	ir.r.r.		
	Aldergrove	917	81409	56618	89711	857//	10809	88650		917	71710	58046	88410	754//	09605	83714	83618	917	04091	08	pr.r.r.r.d.	d.-d.r.		
	Malin	980	81320	40616	88111	5642/	10709	85715	88550	980	71205	65216	87210	5547/	10501	81715	85640	980	1110	08				
	Belmullet	976	72518	70808	85912	734//	10703	82716	85920	976	72914	77808	88612	734//	11321	81716	85920	976	0311	10				
	Birr	965	82008	66216	90310	6642/	09801	86712	88458	965	82311	64606	91110	864//	09206	85712	88636	965	0110	09				
	Dublin	969	81807	57606	90611	4567/	08805	84640	88460	969	72216	84256	90611	685/2	09500	82820	85635	969	9211	08				
	Shannon	962	82610	65028	90912	835//	11304	82920	88650	962	82717	56806	92912	884//	10210	81714	83820	962	0311	10				
	Roches Point	952	82311	70021	92511	857//	10207	88650		952	72511	70011	95711	754//	09118	81714	87650	952	9711	08				
	Valentia	953	82914	65216	93512	854//	10314	83716	88635	953	82917	65216	96912	864//	09218	85716	88635	953	0111	11				

Code FM 21.V	OCEAN WEATHER STATION REPORTS at 00h.													OCEAN WEATHER STATION REPORTS at 06h.													Code FM 21.V																		
O.W.S.	99L _a L _a L _a	QCL _o L _o L _o L _o	YYGGlw	Nddff	VVwwVV	PPPTT	N _h L _h C _M C _H	D _s sapp	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT ₅ T ₅ T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	dwd _w P _w H _w H _w	O.W.S.	99L _a L _a L _a	QCL _o L _o L _o L _o	YYGGlw	Nddff	VVwwVV	PPPTT	N _h L _h C _M C _H	D _s sapp	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT ₅ T ₅ T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	dwd _w P _w H _w H _w	O.W.															
	C	L	M	R	C	L	M	R	C	L	M	R	C	L		M	R	C	L	M	R	C	L	M	R	C	L	M	R		C	L	M	R	C	L	M	R							
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	99648	10024	09004	80918	96616	01508	7742/	00624	87710	88540	0//07	10854	30604	00/00		99648	10023	09064	81715	96216	98309	6542/	00615	84710	86615	0//09	10853	30603	05006		99648	10023	09064	81715	96216	98309	6542/	00615	84710	86615	0//09	10853	30603	05006	
	99470	70171	09004	73226	97028	08714	784//	00225	84813	86740	0//12	11587	30704	30814		99463	70173	09064	03622	98011	12714	00900	70324	////	////	0//03	11576	30604	30709		99463	70173	09064	03622	98011	12714	00900	70324	////	////	0//03	11576	30604	30709	

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

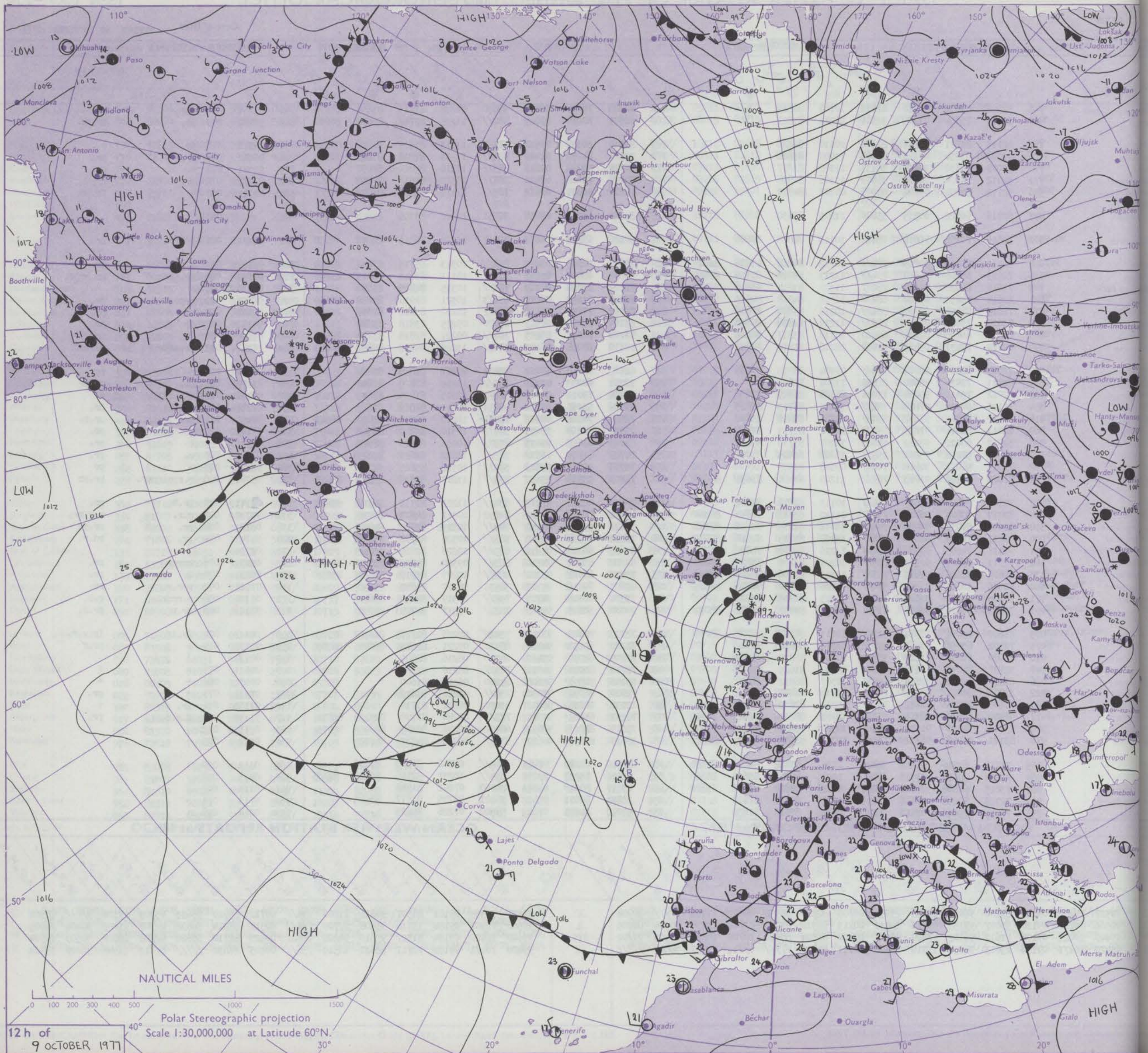
ISSN 0307-2541

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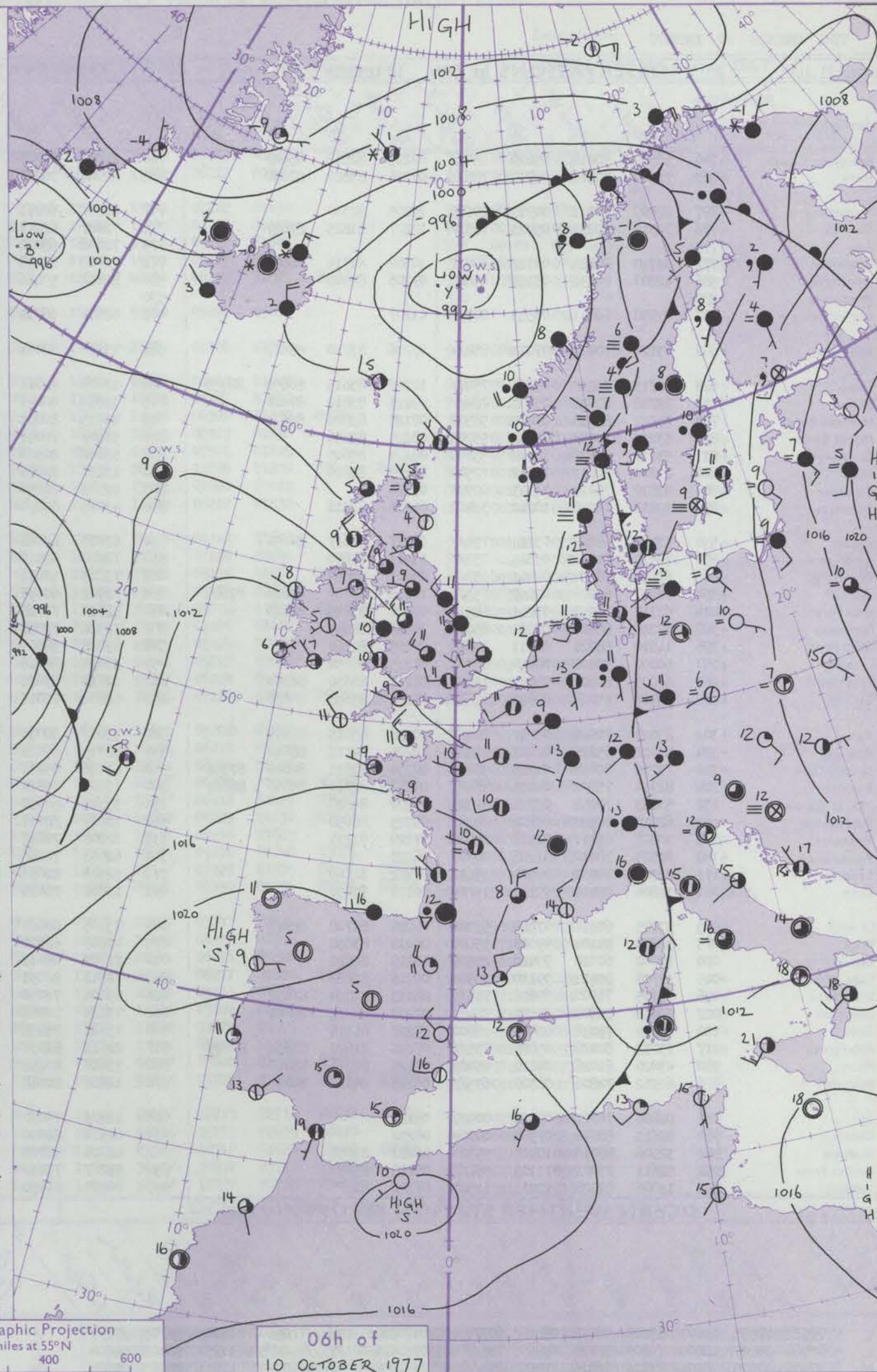
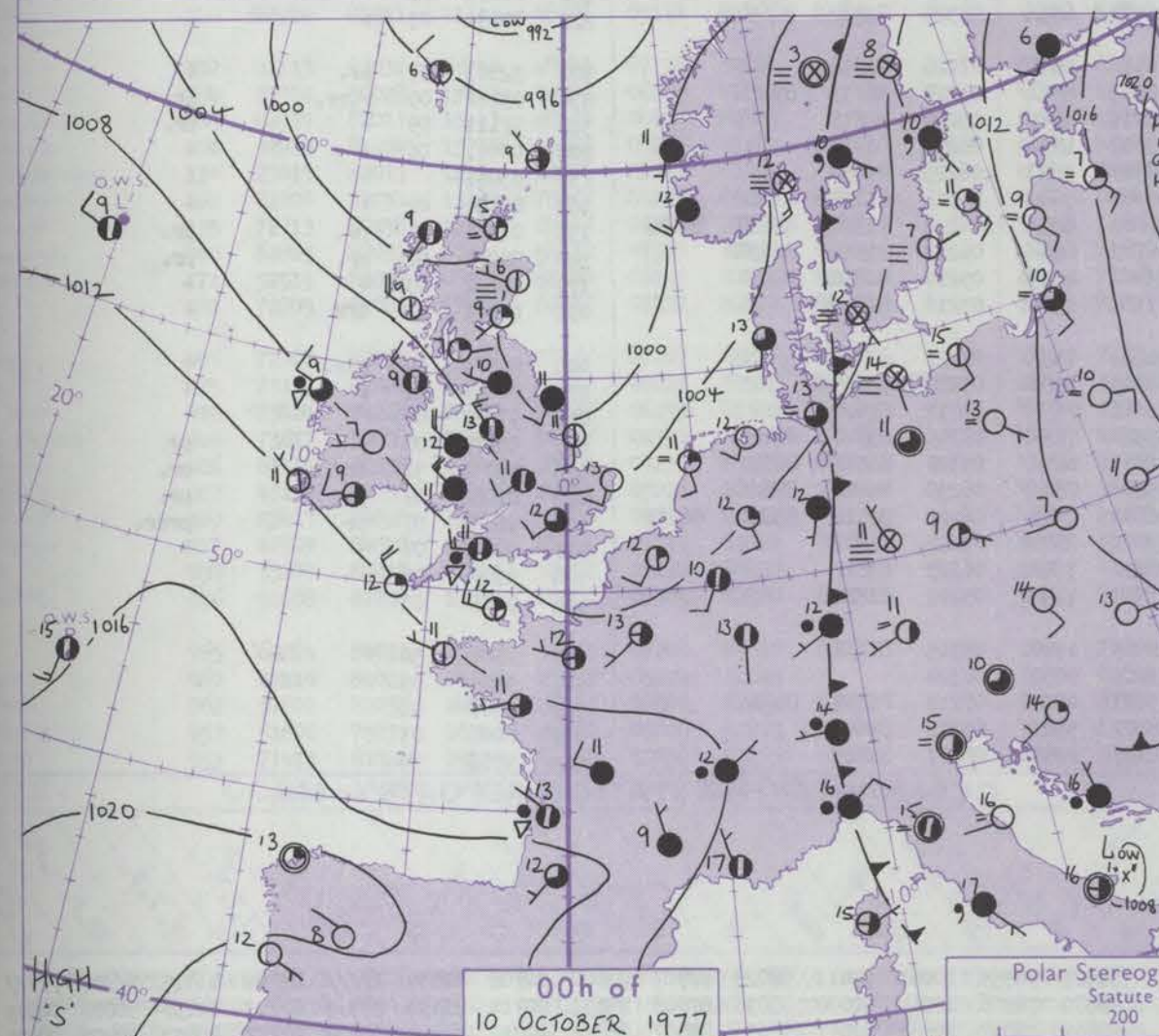
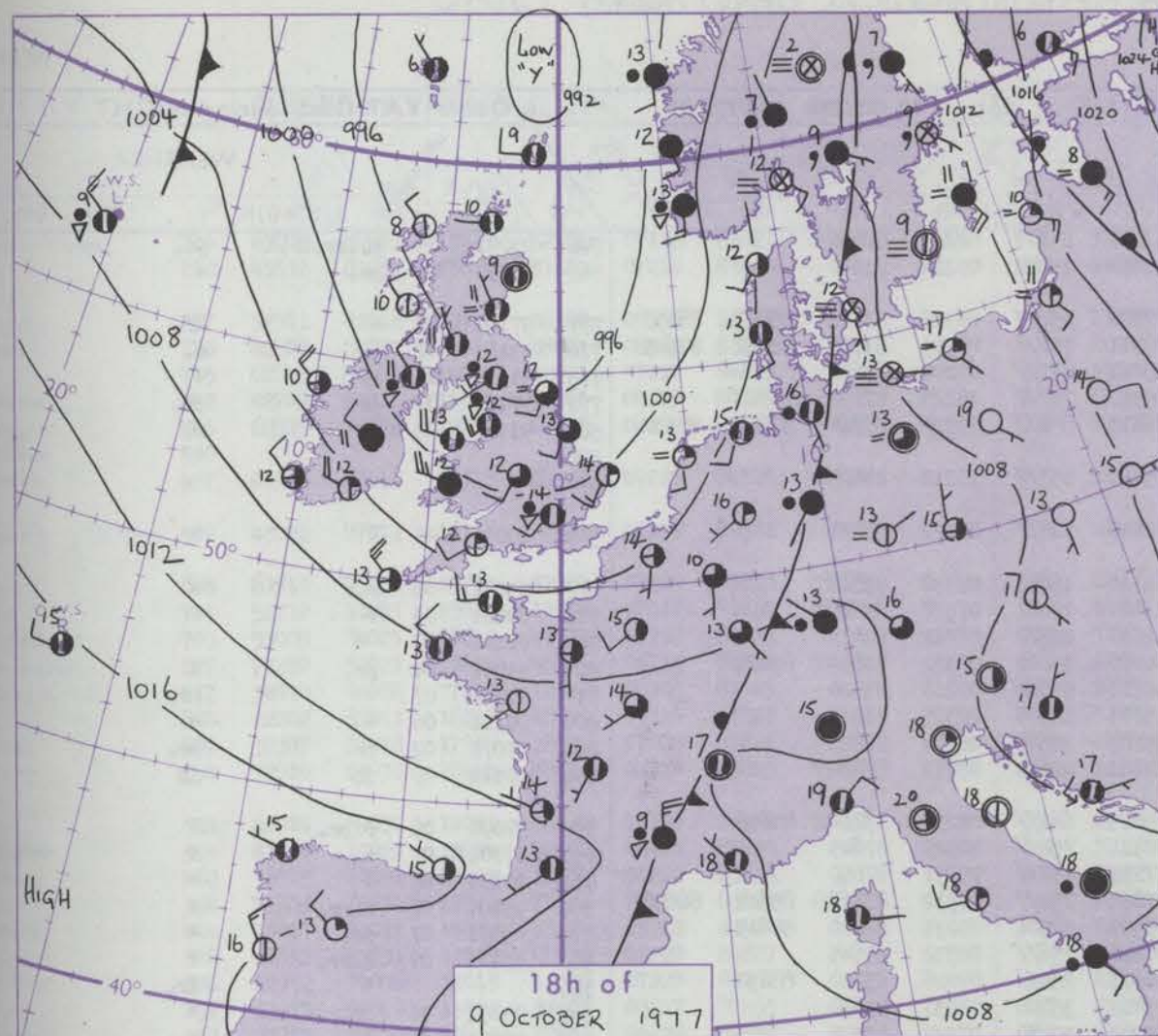
Date of Issue MONDAY 10 OCTOBER 1977

Code FM 11.V		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		9 OCTOBER 1977										9 OCTOBER 1977																			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The low pressure centre over northwest Ireland transferred northeastwards to the Norwegian Sea during the past 24 hours, and a showery northwesterly airstream became established over the British Isles. During the next 24 hours a deepening depression moving northeastwards

in mid-Atlantic is expected to bring a strong southwesterly flow to western districts of the British Isles, and the preceding weak ridge will move away eastwards.

Issued at midday MONDAY 10 OCTOBER 1977

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

OBSERVATIONS at 00h. 10 OCTOBER 1977										OBSERVATIONS at 06h. 10 OCTOBER 1977										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRR _n T _n E	T _g T _g	WEATHER		Station	
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	62509	80018	05610	684//	09215	82818	85642		746	22810	80018	10409	25700	08225	82656			746	03091	05	pr.r.r.	ir.		Boscombe Down
Hurn	862	72712	70801	06712	785//	09216	83820	87650		862	12908	70028	11010	15700	09224	81650			862	97091	07	pr.	+		Hurn
Manston	797	22409	80011	04911	20970	10205	82360			797	82607	68211	07710	6547//	09318	83711	85647	88359	797	97100	07	+	ir.		Manston
Gatwick	776	72312	59251	05411	785//	10207	81825	87657		776	72607	62211	09311	754//	09325	81710	83622	87645	776	93101	07	pr.	r.		Gatwick
Kew	775									775	72406	68028	08911	757//	09224	87656			775	91111	08	pr.	+		Kew
Heathrow	772	62310	80028	04712	684//	10308	81714	86656		772	72708	65038	09311	757//	10229	87650			772	97111	09	pr.	pr.		Heathrow
Honington	586	42209	70036	03110	45600	09206	84648			586	82612	59216	06411	854//	09320	81710	87618	88630	586	91101	08	r.	r.		Honington
Wattisham	590									590									590						Wattisham
Gorleston	497	01908	66011	03513	00900	11207				497	62412	66031	05411	655//	10212	86625			497						Gorleston
Aberporth	502	83124	70022	07011	854//	09236	83710	88617		502	73218	80031	12110	725//	07222	87821			502	00091	08	+	+		Aberporth
Filton	628	82713	75218	05611	7547//	10220	83615	86650	88359	628	12709	70011	11110	18401	07330	81818			628	93091	06	r.r	+		Filton
Rhoose	715	72718	81038	05911	784//	09225	83812	87626		715	12810	80021	11609	18401	07328	81816			715	00081	05	+	+		Rhoose
Hartland Point	703	53221	83018	07612	58500	08128	82820	85634		703	43015	89031	12610	42500	07322	84825			703	00100	09				Hartland Point
Mount Batten	827	53215	70038	09812	55700	09225	85656			827	53107	70031	14010	15601	07322	81630	84075		827	91091	04	pr.	+		Mount Batten
St. Mawgan	817	53119	80028	10112	55600	08224	85640			817	53112	80801	14211	58500	07218	83820			817	97101	07	+	pr.		St. Mawgan
Scilly	804	23220	80011	11812	22500	08225	82820			804	13211	82020	15011	18500	08315	81823			804	00111	06	+	+		Scilly
Culdrose	809	02810	70018	11111	00900	09124				809	22905	70030	14708	28500	06314	81825			809	97071	02	pr.	pr.		Culdrose
Guernsey	894	32817	75018	10212	32402	09216	83816			894	43015	80030	14111	42530	08219	84820			894	00111	09	jp	jp		Guernsey
Elmdon	534	72409	68028	03111	754//	09317	81617	87656		534	62913	63028	09011	684//	08232	83814	84656		534	97091	08	r.pr.	+		Elmdon
Cardington	559	72414	62032	03311	757//	11211	87650			559	72710	62016	08311	756//	10329	87645			559	97101	07	r.	+		Cardington
Wittering	462	62411	70031	02411	657//	09211	86650			462	72811	59051	07211	757//	09231	87650			462	00101	08	+	+		Wittering
Watnall	354	72409	60028	02010	753//	10215	81709	83619	87645	354	72908	60036	07611	754//	08332	82618	85640	86656	354	95101	07	r.r.	+		Watnall
Shawbury	414	62710	73258	03211	685//	09228	83825	85640		414	52912	75018	09509	58501	09231	82820	84645		414	95091	07	pr.	+		Shawbury
Finningley	360	82210	68602	00211	856//	10208	88645			360	72910	70026	06211	756//	08332	87645			360	92111	09	r.r.	+		Finningley
Spurn Point	396	11810	68021	00611	10970	09205	81360			396	83016	58606	04611	854//	09226	83710	88630		396			+	ir.		Spurn Point
Leeming	257	60000	50108	00010	657//	09315	86650			257	33010	80016	05809	35700	06231	83650			257	95091	06	ir.r.	+		Leeming
Tynemouth	262	62003	69028	99811	1563//	09218	81630	86360		262	12718	69021	05209	10930	07229	81358			262	00081	06	+	+		Tynemouth
Carlisle	222	82807	65028	00810	856//	09230	83638	88650		222	62804	70011	06409	685//	08325	81820	86650		222	00081	03	+	+		Carlisle
Valley	302	83019	70028	05012	884//	10238	85815	88635		302	33016	80031	10410	38400	07226	82816			302	92101	07	pr.	+		Valley
Ringway	334	82912	65026	02011	854//	10226	84712	88640		334	82915	65022	08011	854//	09229	86713	87620		334	03101	09	r.r.	pr.		Ringway
Squires Gate	318	73216	70018	01913	5847//	10234	82818	84640	87359	318	63116	65252	08211	48430	08229	84819			318	97111	09	+	pr.		Squires Gate
Ronaldsway	204	82914	75032	04111	884//	09137	82714	85816	88629	204	12915	75011	09209	18500	06230	81820			204	00091	06	+	+		Ronaldsway
Mull of Galloway	131	53223	70258	02711	52500	09229	85820			131	33315	84038	08309	35600	06225	83630			131	03081					Mull of Galloway
Eskdalemuir	162	62910	80028	00709	657//	06225	86650			162	12819	80021	05907	18400	05119	81710			162	00061	02	+	+		Eskdalemuir
Prestwick	135	20802	65011	02107	25400	07229	81714			135	62808	70018	07009	685//	06224	81820	83628								

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

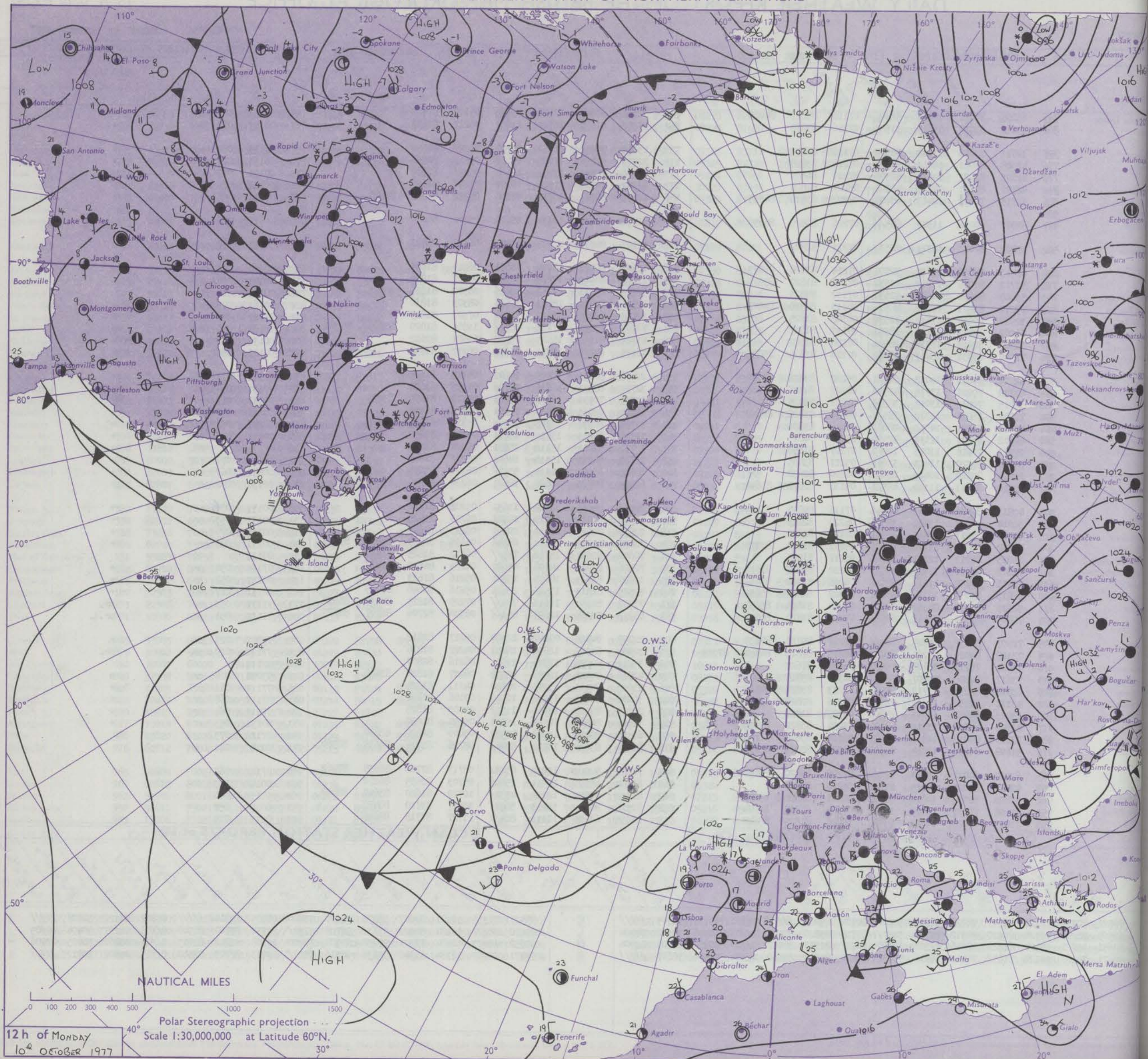
ISSN 0307-2541

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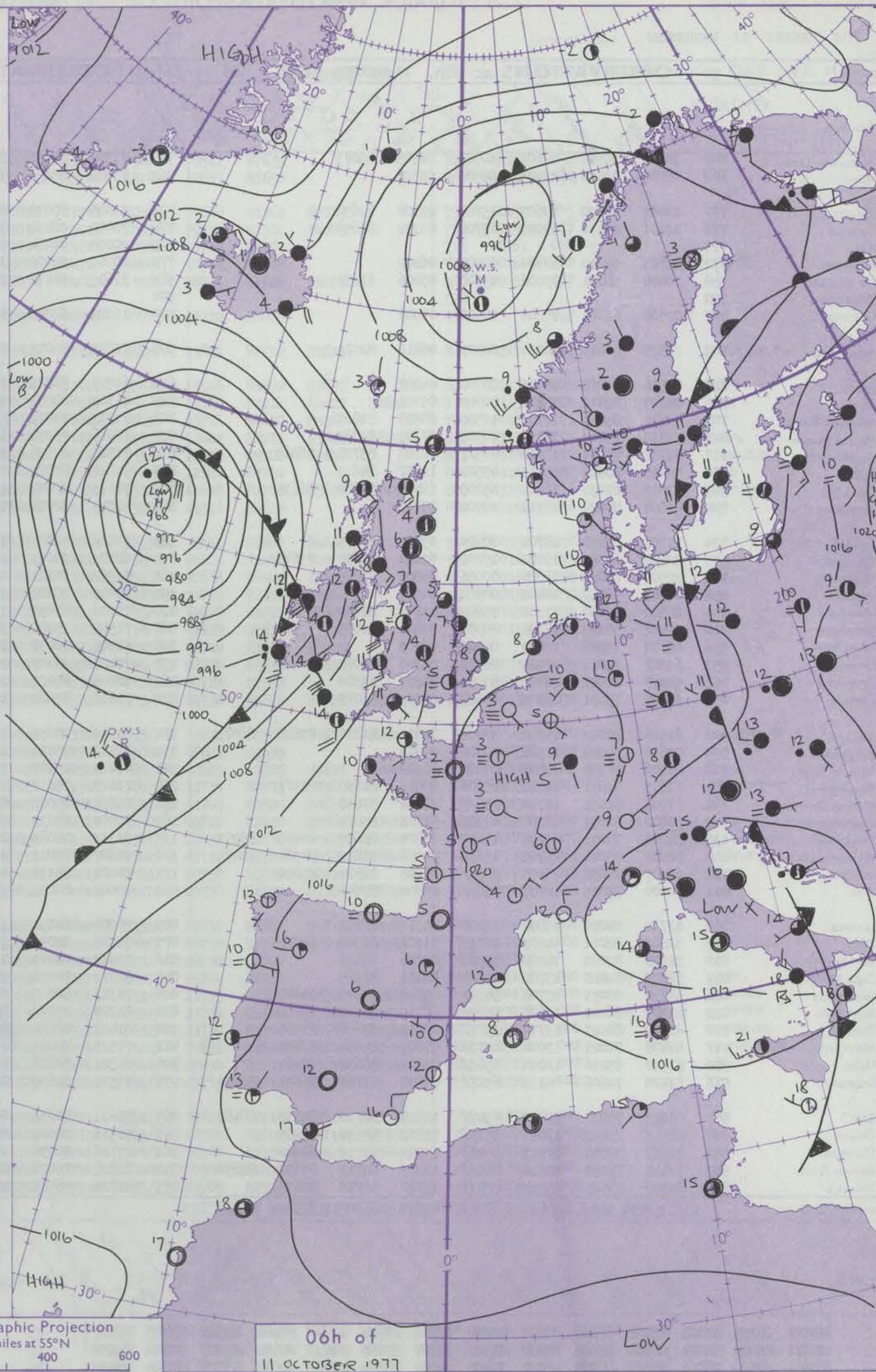
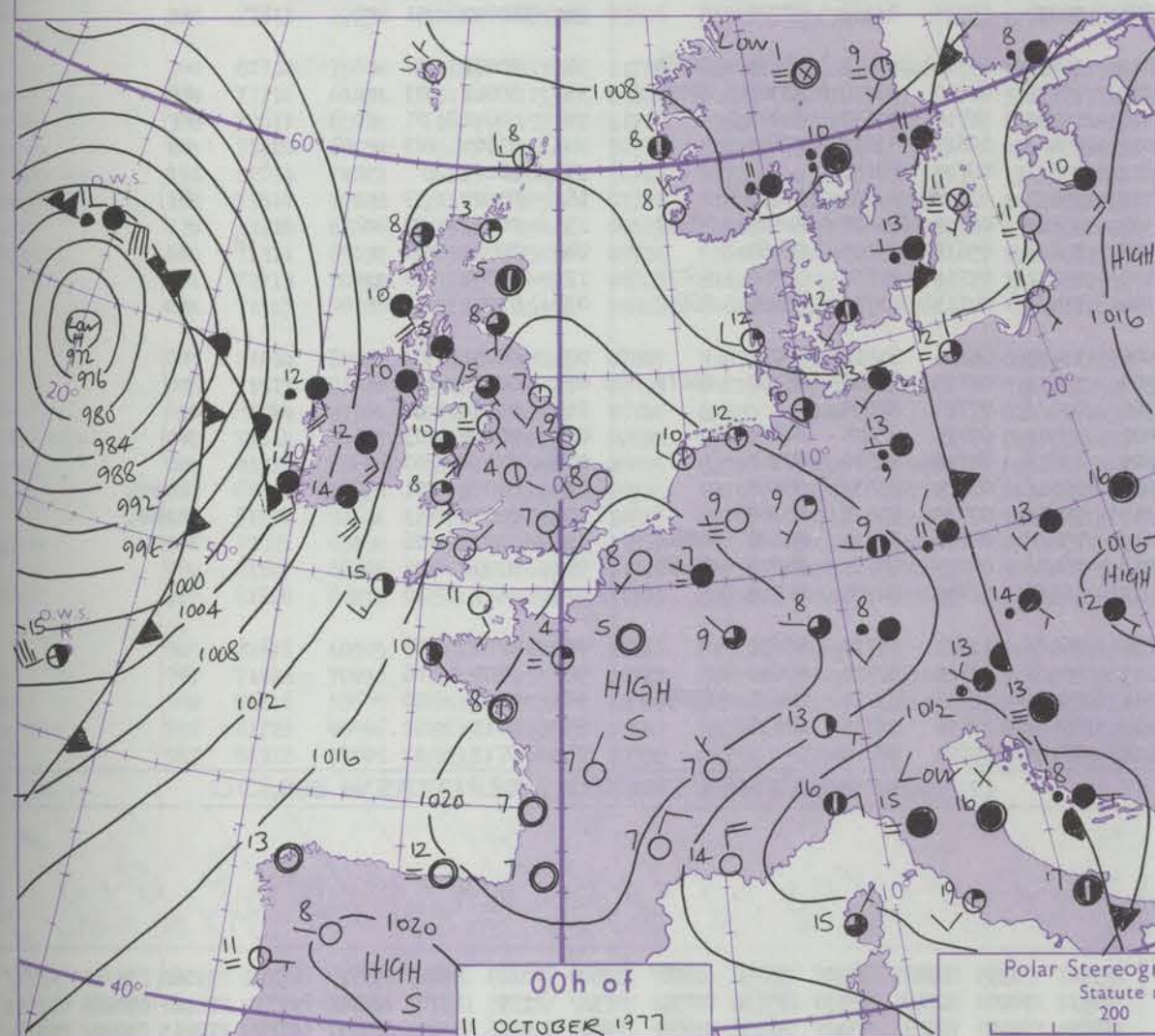
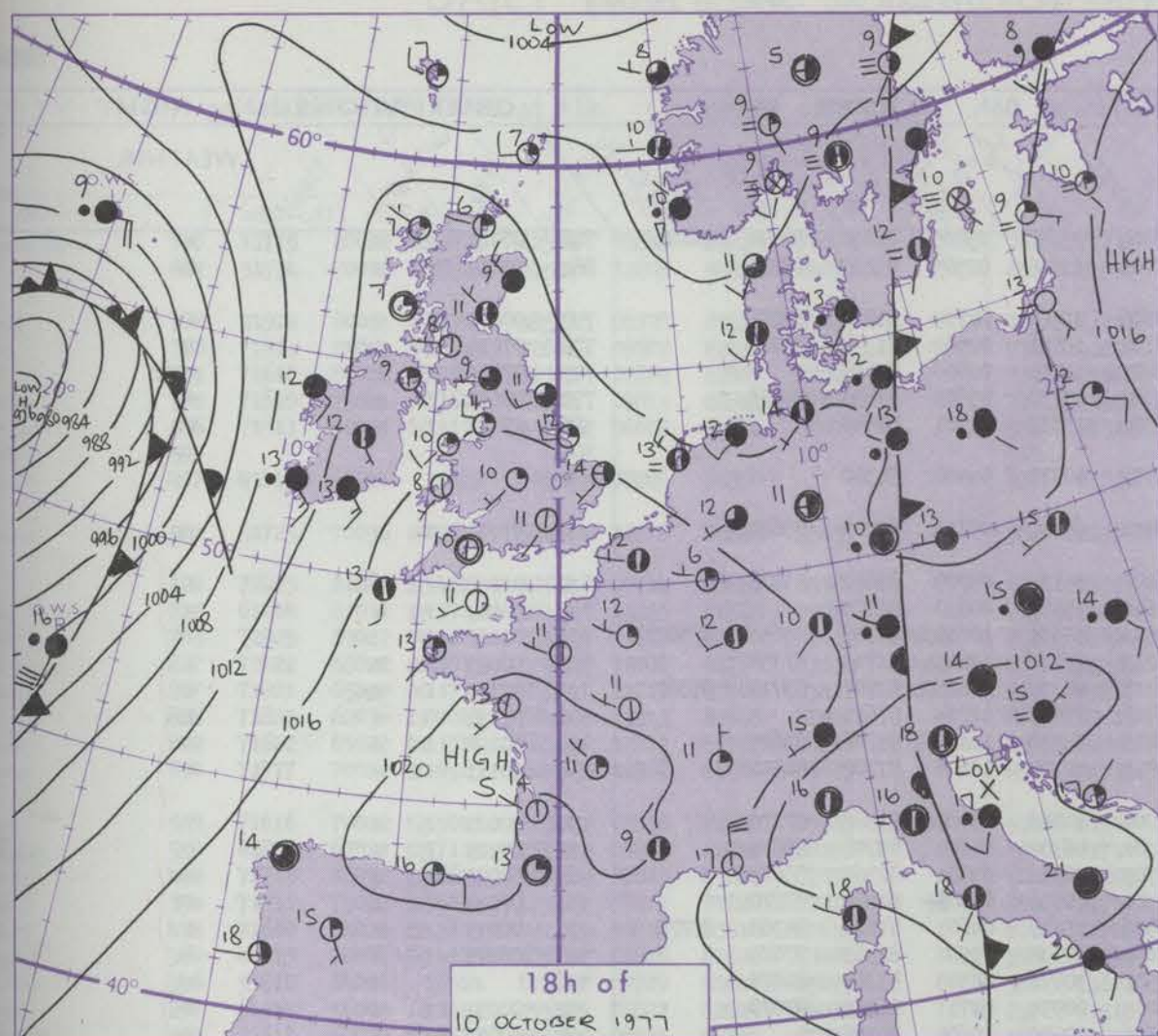
Date of Issue TUESDAY 11 OCTOBER 1977

Ide FM II.V		OBSERVATIONS at 12h. 10 OCTOBER 1977										OBSERVATIONS at 18h. 10 OCTOBER 1977										OBSERVATIONS during DAY				

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a low over the Norwegian Sea and associated trough over the North Sea transferred eastwards, whilst an anticyclone and ridge of high pressure moved eastwards into France and Britain respectively. Meanwhile a deep low was moving northeastwards to the

west of the British Isles. During the next 24 hours the deep low will move steadily northwards whilst the anticyclone over France transfers to Germany.

Issued at midday TUESDAY 11 OCTOBER 1977

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

Code FM II.V										OBSERVATIONS at 00h. 11 OCTOBER 1977										OBSERVATIONS at 06h. 11 OCTOBER 1977										OBSERVATIONS during NIGHT									
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _h CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _n T _n E	T _g T _g	WEATHER							
																																21h.—03h.	03h.—09h.						
Boscombe Down		746	31502	80020	19605	00901	04303	83075			746	71307	80031	17904	25636	03805	81630	85070	86275	746	00021	51	+																
Hurn		862	00000	70020	19403	00900	03500				862	70000	65031	17703	11508	02505	81825	87270		862	00011	51	+																
Manston		797	12407	68030	19607	15700	05106	81656			797	31805	80030	19106	12504	04702	81820	83075		797	00040	01	+																
Gatwick		776	12401	40110	19903	15702	03102	81650			776	70000	06414	19102	10936	02502	81359	87272		776	97011	52	1f																
Kew		775									775	20000	04464	18402	15701	02606	81650			775	97011	54	ff																
Heathrow		772	01703	58020	19307	00900	06202				772	40101	50100	18705	15731	05603	81656	84075		772	00051	51	+																
Honington		586	10000	56051	19006	15600	05206	81630			586	31602	36110	18802	15631	02301	81640			586	97021	52	+																
Wattisham		590									590									590																			
Gorleston		497	02508	62021	18808	00900	05208				497	42304	62030	18908	40970	04400	84360			497																			
Aberporth		502	21515	86011	16008	00901	06812	82075			502	71715	70011	12411	65332	09717	82709	85620		502	97071	04	+																
Filton		628	01506	60010	18905	00900	04202				628	61507	80031	16407	35732	05708	83650	85078		628	00050	51	+																
Rhoose		715	01105	83010	18107	00900	05000				715	41309	80031	15610	25531	09610	82625			715	00060	51	+																
Hartland Point		703	11714	85021	16709	12500	08808	81825			703	71912	83031	13511	55331	10610	81708	85650	87360	703	00080	07																	
Mount Batten		827	21810	75011	18110	00901	09705	82075			827	72016	75031	15213	1543/	11611	81715	87359		827	00081	04	+																
St. Mawgan		817	71712	75031	17012	723//	10708	83707	86815		817	71815	62038	13713	4633/	10613	82707	83712	85360	817	97101	06	pr.																
Silly		804	42015	80021	15315	45500	12807	84625			804	71822	70021	11414	755//	12714	87621			804	97131	11	+																
Culdrose		809	62012	62031	16812	65200	12808	83704	86635		809	51615	62031	13413	35330	11617	83706	83625		809	00100	10	+																
Guernsey		894	01608	84020	19311	00900	09702				894	51811	82031	17812	42302	11608	81708	84811		894	00111	01	+																
Elmdon		534	11102	64030	18704	00901	03002	81075			534	71506	62031	16904	10946	03706	81365	87275		534	00021	52	+																
Cardington		559	32502	61050	19102	15702	02004	81650	83075		559	62102	59051	18301	46302	01604	83708	85075		559	00501	52	+																
Wittering		462	22502	64020	18904	00901	03003	82075			462	61902	50101	18303	20932	03601	82364	86075		462	00021	53	+																
Watnall		354	02303	56050	18405	00900	04501				354	70000	20101	17504	10956	04604	84360	87270		354	97031	51	+																
Shawbury		414	22502	75030	17901	15602	01803	81630			414	71003	63031	15905	15538	04607	81625	84360	87270	414	00011	53	+																
Finningley		360	22402	56100	17704	00901	03001	82075			360	71503	25101	17004	20932	03502	82363	87075		360	00021	52	+																
Spurn Point		396	02710	75020	17409	00900	06803				396	41906	60030	17507	30971	05303	83360	84075		396																			
Leeming		257	61802	75011	17404	00901	03106	86075			257	71407	28101	16005	60934	04711	86365	87070		257	00031	51	+																
Tynemouth		262	52407	80021	16708	50930	05207	85360			262	52005	69022	16006	50970	05605	85358			262	00051	03	+																
Carlisle		222	61604	75031	16005	00904	03003	86075			222	71610	75022	13607	30938	05711	83362	87270		222	00041	51	+																
Valley		302	61516	80011	15310	38408	08810	81812	83628	86075	302	81732	70031	11012	55437	09722	82615	85635	86360	302	00081	06	+																
Ringway		334	01606	70020	17506	00900	05802				334	71710	75031	15708	15732	04710	81650	83362	87075	334	00061	03	+																
Squires Gate		318	01506	57100	16807	00900	06202				318	41411	45100	14107	15702	06716	81650	84072		318	00041	01	+																

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

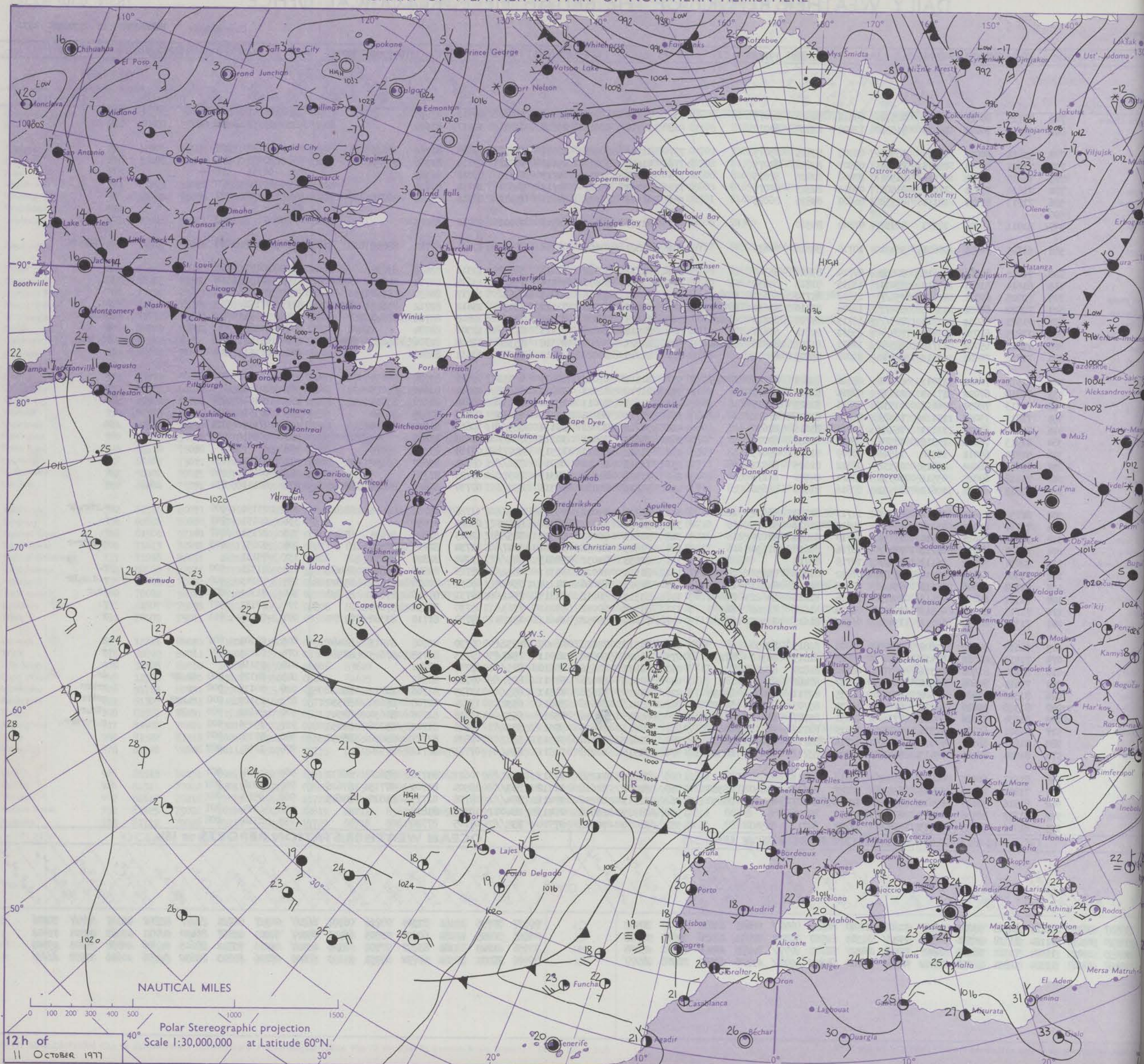
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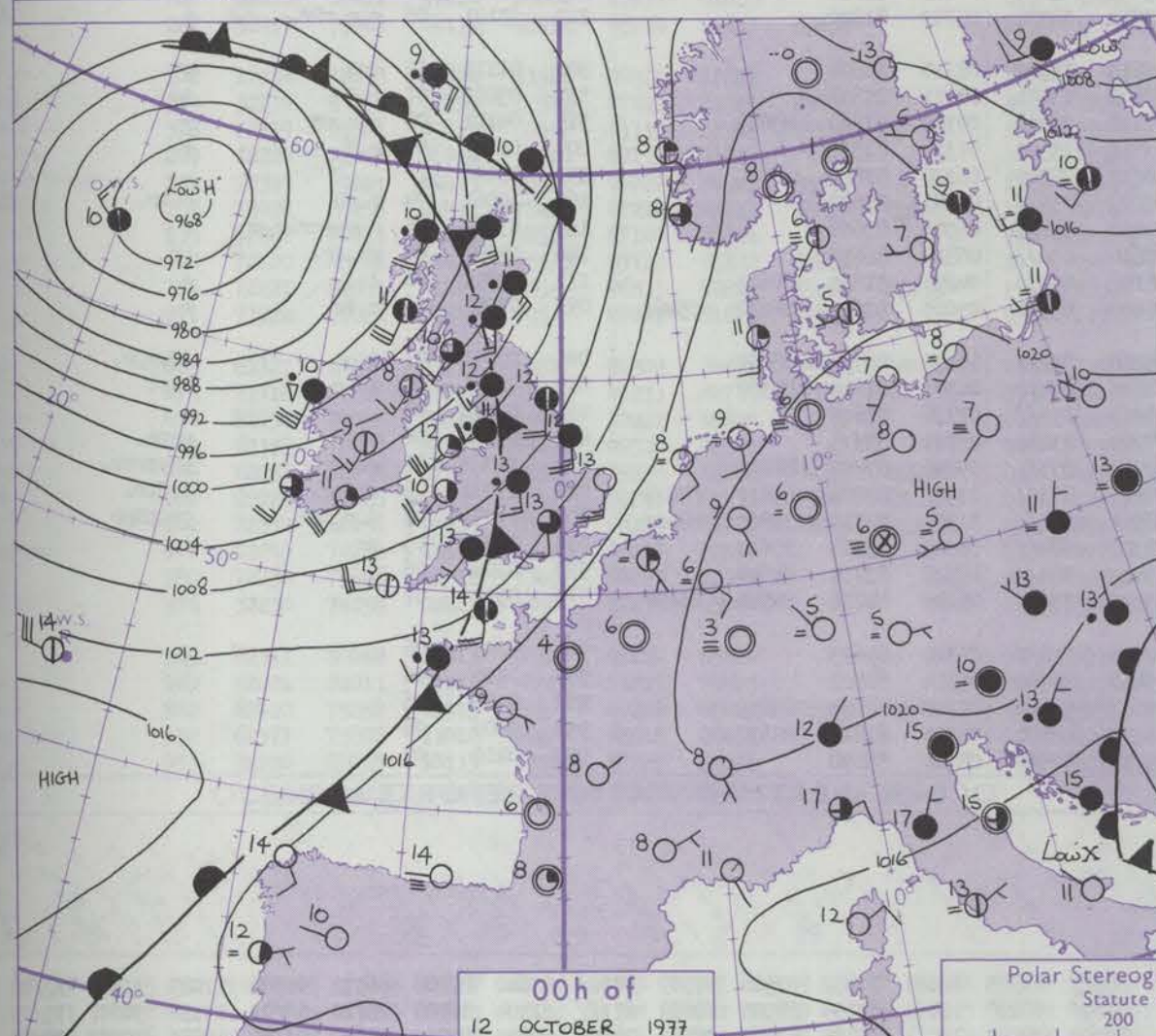
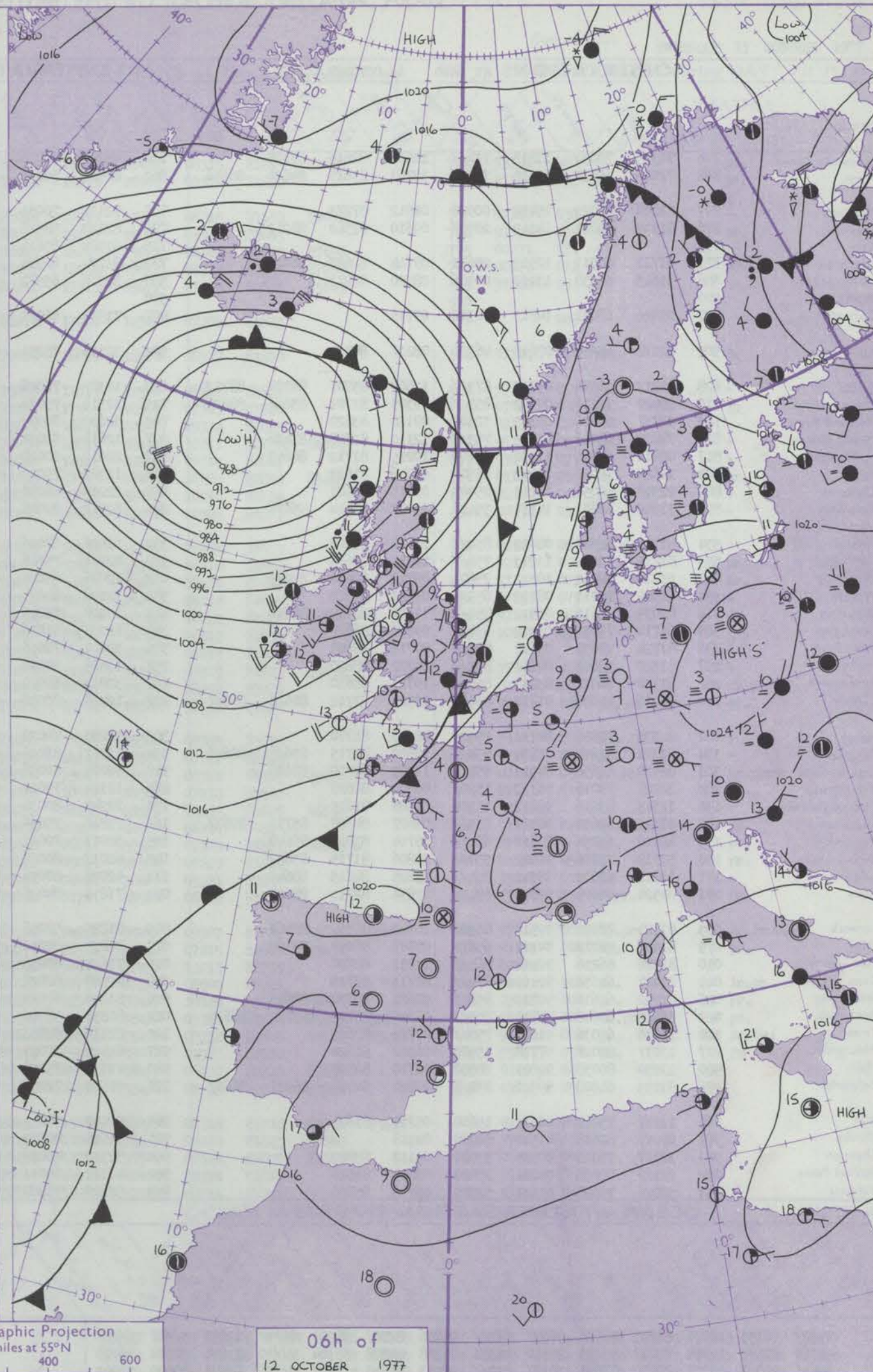
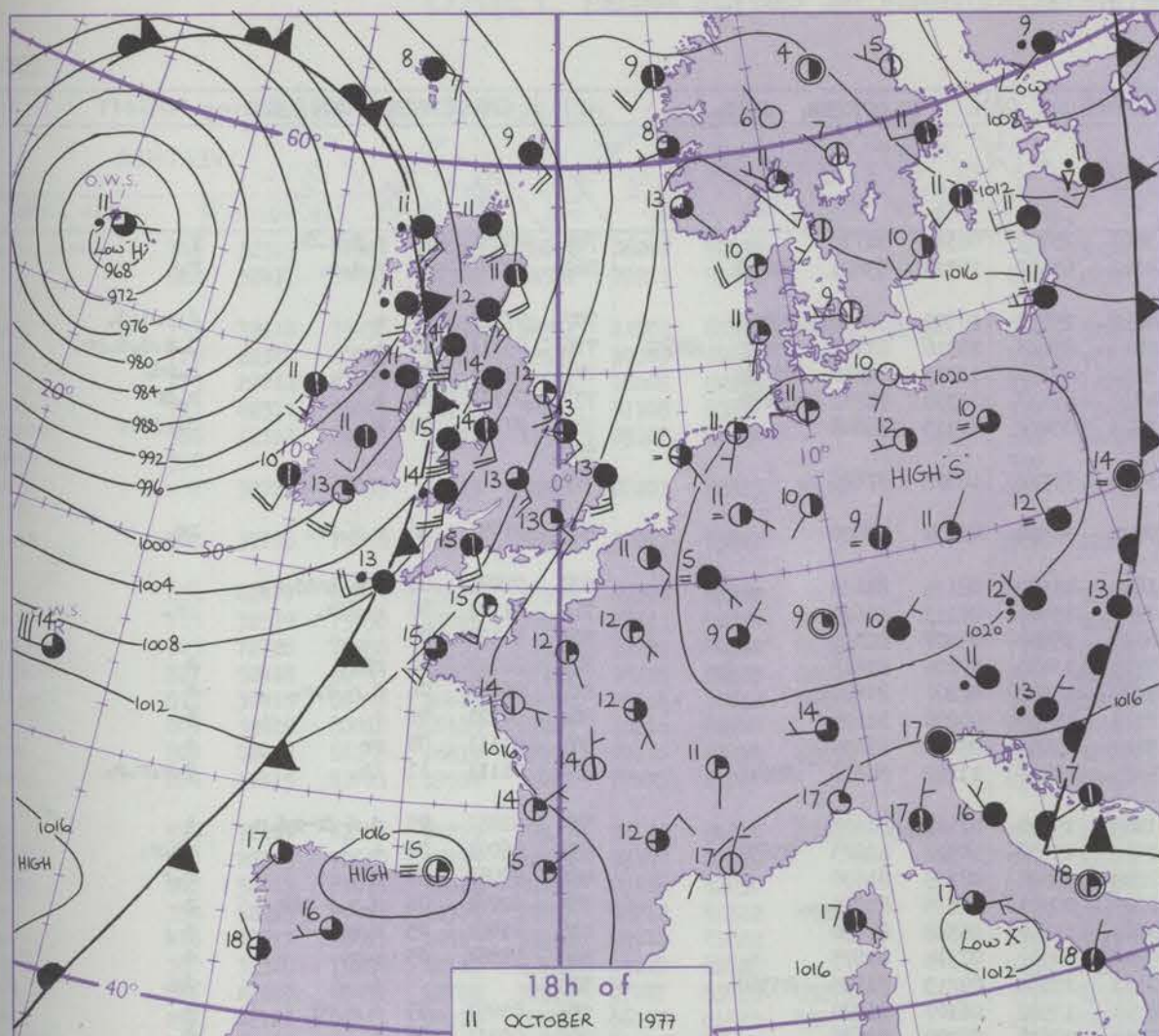
Date of Issue WEDNESDAY 12 OCTOBER 1977

FM 12h		OBSERVATIONS at 12h. 11 OCTOBER 1977										OBSERVATIONS at 18h. 11 OCTOBER 1977										OBSERVATIONS during DAY				
		iii	Nddff	VVwwWW	PPPTT	N _h ChC _h CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h ChC _h CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRTT _{FE}	SSs	WEATHER			
h.—09h.																								09h.—15h.	15h.—21h.	
oscombe Down		746	71715	80022	15815	42532	09814	84820	86075		746	71710	70031	13412	756//	09511	87635				746	00151	052	+	+	
urn		862	51914	70012	16515	31532	12808	83820	84070		862	31914	80011	13714	15709	10617	81650				862	00151	049	+	+	
lanston		797	51914	80011	18915	38501	08708	83825	83075		797	71711	70022	17011	10932	09609	81362	87075			797	00150	075	+	+	
atwick		776	71911	84024	18215	22602	08807	82832	87075		776	41608	75011	15411	10932	09714	81366	84075			776	00151	077	+	+	
ew		775	71610	80034	17514	21501	07809	82825	87075		775	21608	72011	14713	10932	09712	81365				775	00161	076	+	+	
leathrow		772	71610	75021	17615	21508	09811	82823	87075		772	21408	65021	14713	14501	10714	81625				772	00160	070	+	+	
onington		586	71911	82031	18114	41532	06609	84826	86075		586	61512	78032	14911	15532	08716	81628	86075			586	00151	057	+	+	
Vattisham		590									590										590					
orleston		497	41911	66021	18813	40930	07809	84360			497	81723	66021	16513	00901	09710	88075				497		043			
berporth		502	51725	70036	09614	58431	10718	84816	83635		502	81827	63606	05314	854//	11621	87712	88635			502	03151	044	r.	r.r.r.Rr.r.	
lton		628	72015	81032	14615	32532	09714	83824	85360		628	61712	70022	11614	55532	11516	83620	83630			628	00150	028	+	+	
hooose		715	61614	81011	13915	58431	11815	81818	85630		715	71616	70036	10514	754//	11618	81714	84622	87640		715	97150	008	ir.	r.	
artland Point		703	72025	69022	11115	754//	11818	81710	83630	87645	703	82420	59036	08015	4563//	11717	84630	88360			703	94152	021			
ount Batten		827	72022	68022	13915	3547//	12708	81710	83630	87646	827	72122	65028	11215	35432	13612	82712	83640	86072		827	97151	005	+	pr.	
s. Mawgan		817	71821	65032	11714	783//	12713	83708	83811	87640	817	71817	59028	09214	753//	12808	85708	87640			817	95161	012	r.	pr.d.r.	
illy		804	71825	62036	09415	784//	13813	82818	87621		804	82518	24626	07913	872//	12301	88704				804	03162	012	ir.	ir	
uldrose		809	71622	65022	11714	783//	12812	81707	84818	87640	809	81821	56608	09314	5532//	12608	82706	85620	88459		809	03152	016	pr.ir.	ir.irrr	
Guernsey		894	71717	70022	16513	562/2	12809	85705	86075		894	31915	75021	14115	25502	11511	81620				894	00151	064	+	+	
Imdon		534	71616	70022	15013	22571	08816	82820	85365	87075	534	61614	65012	10913	48532	09616	81820	84635			534	00151	037	+	+	
ardington		559	81814	67022	17115	21437	09814	82817	88278		559	41710	62021	14012	15632	09614	81640	84075			559	00160	073	+	+	
Mittering		462	71713	78032	16615	11532	07815	81825	87075		462	41609	70011	13212	35531	08618	81620	83635			462	00161	058	+	+	
Watnall		354	71811	75022	15114	11572	09815	81820	87072		354	51711	68012	11413	25630	09719	82635	83360			354	00151	035	+	+	
hawbury		414	71610	65022	13113	784//	10819	83816	87630		414	71712	70022	09114	785//	10619	82820	87640			414	97151	014	+	r.	
unningley		360	41913	70011	14915	18572	08818	81828	83078		360	71611	72021	11213	756//	07618	87635				360	00151	050	+	+	
Spurn Point		396	51810	64011	16514	11541	09709	81820	85075		396	51612	62011	12513	30971	09718	83360	85075			396			+	+	
eeming		257	61514	56042	13413	25532	08822	82625	86072		257	71513	60042	08914	756//	08724	83630	86650			257	00151	030	+	+	
ynemouth		262	71618	69022	13512	40938	08821	84359	87275		262	71922	61022	08313	7097//	09723	87358				262	00141	040	+	+	
Carlisle		222	71813	67032	10612	68532	07816	81822	85650		222	81811	65032	05314	855//	09730	82622	84628	88650		222	00151	034	+	+	
Valley		302	81732	75032	08714	6537//	11717	82708	86616	88460	302	81734	64022	03315	853//	11728	83708	86630	88640		302	03151	000	+	r.r.Rr.dr	
Ringway		334	71714	61031	13114	11531	09820	81822	87075		334	51720	62022	08714	55600	09623	85635				334	00151	047	+	+	
Squires Gate		318	71617	65011	11614	15731	11719	81650	87070		318	71619	70032	06514	785//	12625	81825	84635	87645		318	97151	047	+	r.	
Ronaldsway		204	71620	68032	08213	754//	10716	86618	87650		204	81625	62026	02514	3647//	11734	82715	88360			204	02151	003	r.	r.drdr-r	
Mull of Galloway		131	82034	74022	06113	864//	10719	88715			131	82038	74032	98813	885//	11744	82820	88630			131	95131				
Eskdalemuir		162	71514	72022	10110	5853//	07822	81822	85657	87363	162	81514	70022	04311	6852//	08729	82820	85640	88460		162	91121	000	+	r.	
Prestwick		135	81718	67606	07512	854//	09625	82718	84621	86634	135	81923	63026	01114	7547//	09831	82616	84625	85640		135	03141	000	r.	r.d.r.r.Rr	
Abbotsinch		140	71311	65032	07512	7547//	08726	81616	84622	86650	140	81512	59212	01813	7542//	09731	81716	83628	87640		140	01141	002	+	ir.r	
Leuchars		171	71715	80012	09813	14592	06824	81628	83362	86075	171	81515	60042	04212	7563//	09730	86630	87645			171	97131	027	+	r.	
Dyce																										

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 low to the northwest of Ireland moved slowly northeast whilst its frontal troughs crossed the British Isles. During the next 24 hours this deep low is

expected to continue moving slowly northeast, filling slightly. Another low, now in mid-Atlantic, is expected to deepen and move steadily eastwards towards Rockall.

Issued at midday WEDNESDAY 12 OCTOBER 1977

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

Code FM II.V		OBSERVATIONS at 00h. 12 OCTOBER 1977										OBSERVATIONS at 06h. 12 OCTOBER 1977										OBSERVATIONS during NIGHT					Code FM
Station		iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	RRT _n E	TgTg	WEATHER		Station		
																							21h.—03h.	03h.—09h.			
Boscombe Down		746	71915	70032	11813	754//	10605	82615	87625		746	42208	70016	13809	25402	08314	81710			746	95081	05	r.d.r.dr	r.		Boscombe Down	
Hurn		862	72016	65021	12515	754//	12707	83615	84626	86656	862	62506	70216	14112	65500	10313	83621	84630		862	92101	07	r.d.r.	r.		Hurn	
Manston		797	71814	70022	15412	00908	09812	87273			797	72112	70031	14812	25652	10302	82630	85362		797	97110	09	+	d.r.d.d.		Manston	
Gatwick		776	81914	75021	14213	20937	09610	82362	88272		776	82110	58516	15011	854//	10316	81712	83627	88650	776	95111	08	+	d.r.d.d.pr.		Gatwick	
Kew		775									775	81902	65616	13812	853//	11213	81708	88635		775	94111	06	+	r.dr.		Kew	
Heathrow		772	61711	80011	12913	25631	09714	82638	86075		772	81704	62216	14012	854//	11318	81712	88638		772	01111	08	+	r.dr.		Heathrow	
Honington		586	71613	62032	13212	00906	08720	87273			586	82207	65582	13311	854//	10313	88616		586	97101	08	+	d.-d.r.		Honington		
Wattisham		590									590									590						Wattisham	
Gorleston		497	01826	66021	14813	00900	09715				497	71920	66021	13513	755//	10302	87625		497							Gorleston	
Aberporth		502	42118	65216	07610	46301	08217	84707			502	32118	75251	09409	38500	08304	82820		502	01081	06	r.r.ir.	pr.			Aberporth	
Filton		628	82217	50596	09713	873//	12602	83707	86709	88712	628	12309	75026	12610	15500	08115	81620		628	02091	06	d.r.drRd.r.	+			Filton	
Rhoose		715	82420	72216	09912	853//	09305	81707	83616	88626	715	12315	75036	11911	15401	07113	81615		715	01101	08	r.rir.	pr.			Rhoose	
Hartland Point		703	32737	69016	08313	32500	09116	83820			703	32630	80030	10513	38500	08107	82825		703	01120	09					Hartland Point	
Mount Batten		827	72420	68216	11613	753//	12110	82708	87656		827	12618	82031	13713	11400	07209	81818		827	01121	10	rr.	+			Mount Batten	
St. Mawgan		817	42412	62016	11112	45400	10215	81712	84645		817	22010	80020	13109	18502	07207	81820		817	96091	06	d.r.d.r.	+			St. Mawgan	
Silly		804	12624	75026	10613	15500	08218	81623			804	12322	75020	12513	15500	09206	81625		804	00121	09	+	+			Silly	
Culdrose		809	22318	60056	11213	25500	09213	82621			809	22216	64030	13212	15631	08208	81630		809	91111	08	rr	+			Culdrose	
Guernsey		894	71818	66031	14314	35432	13000	83614	86075		894	82512	81026	15913	884//	11212	84817	88645		894	01111	11	ir.	d.r.r.r.			Guernsey
Elmdon		534	81717	62501	08413	854//	10714	88618			534	11806	67026	11409	15500	07117	81623		534	01081	05	d.d-dr-rd.r.	+			Elmdon	
Cardington		559	71715	80031	11913	756//	10614	87638			559	42211	75216	12911	45500	10322	82625	83650		559	96091	04	+	rr.r.		Cardington	
Wittering		462	51716	62011	10511	25601	09718	82640	84075		462	12006	65016	12209	15600	08119	81630		462	95081	06	r.	r.r			Wittering	
Watnall		354	61919	75011	08013	655//	09720	86620			354	12108	62026	10709	00901	08115	81075		354	02081	04	d.r.r.rRr	r			Watnall	
Shawbury		414	82014	68616	06912	854//	11502	82712	88640		414	11808	78016	10009	15600	06318	81630		414	01081	05	r.r.r	+			Shawbury	
Finningley		360	61714	75031	08012	654//	09616	86617			360	12008	81016	09909	00902	07314	81075		360	92081	05	r.r	+			Finningley	
Spurn Point		396	81724	70031	09612	856//	09716	88649			396	32012	70016	10111	15670	09213	81635	83360		396			+	ir.		Spurn Point	
Leeming		257	81520	58602	04912	855//	10722	88620			257	11815	80036	06910	11500	06107	81820		257	01091	05	r.r.rRr	+			Leeming	
Tynemouth		262	81730	66022	03213	856//	10723	88630			262	32013	69021	05211	25630	07209	82630		262	00111	08	+	+			Tynemouth	
Carlisle		222	82416	57636	01912	854//	10507	82712	84624	88647	222	12416	80036	03011	18500	05703	81820		222	03101	06	r.r.rRr.	+			Carlisle	
Valley		302	22335	70016	04112	25400	08313	81710			302	12238	70028	05613	18500	08110	81824		302	01111	09	drR	pr.			Valley	
Ringway		334	81921	62212	05814	854//	10510	82715	83625	88640	334	11912	81016	09009	11401	06211	81818		334	05091	07	r.Rr	+			Ringway	
Squires Gate		318	82520	58656	04511	854//	11303	84710	88620		318	32014	80036	07110	38500	09108	81820	83645		318	04101	08	r.r.rRr	+			Squires Gate
Ronaldsway		204	22227	70016	01112	15502	06500	81628			204	12124	75020	03512	15500	07310	81820		204	01111	08	r.R	+			Ronaldsway	
Mull of Galloway		131	12345	83016	98012	15500	08508	81625			131	22245	80030	00211	28500	06210	81820		131	97101						Mull of Galloway	
Eskdalemuir		162	81722	60636	00309	853//	09617	84708	85711	88617	162	71819	75036	01709	756//	05301	87630		162	14061	04	r.rRr	r.ir.			Eskdalemuir	
Prestwick		135	62118	65256	97610	684//	08714	83815	86640		135	32017	70011	99210	35700	06503	83656		135	03081	05	d.r.r.r.r.r.pr.	+			Prestwick	
Abbotsinch		140	51919	75216	96912	55400	10806	81715	83650		140	62018	80028	97610	656//	06810	86630		140	04091	06	rr.ir.	pr.			Abbotsinch	

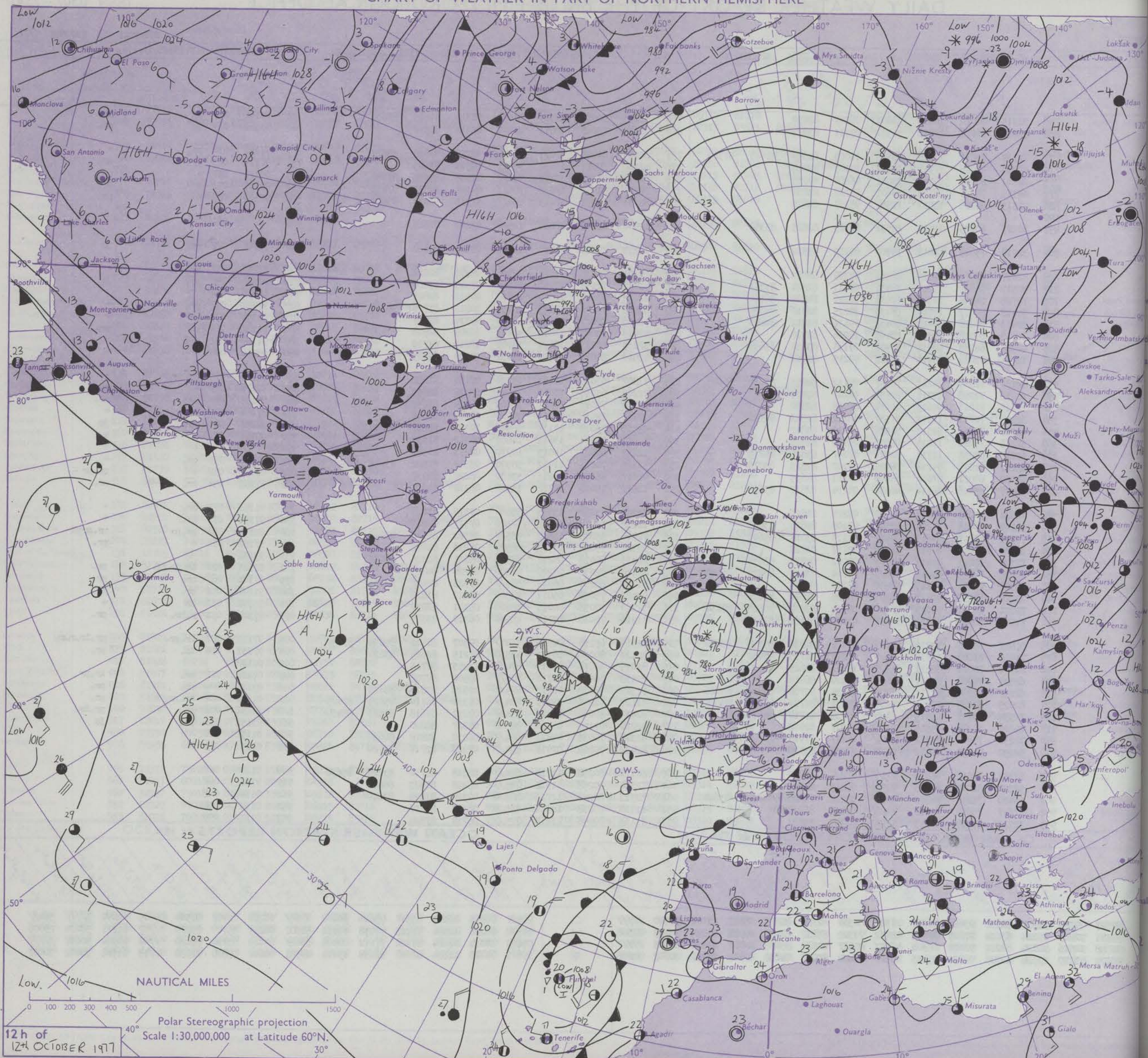
ISSN 0307-2541

Date of Issue THURSDAY 13 OCTOBER 1977

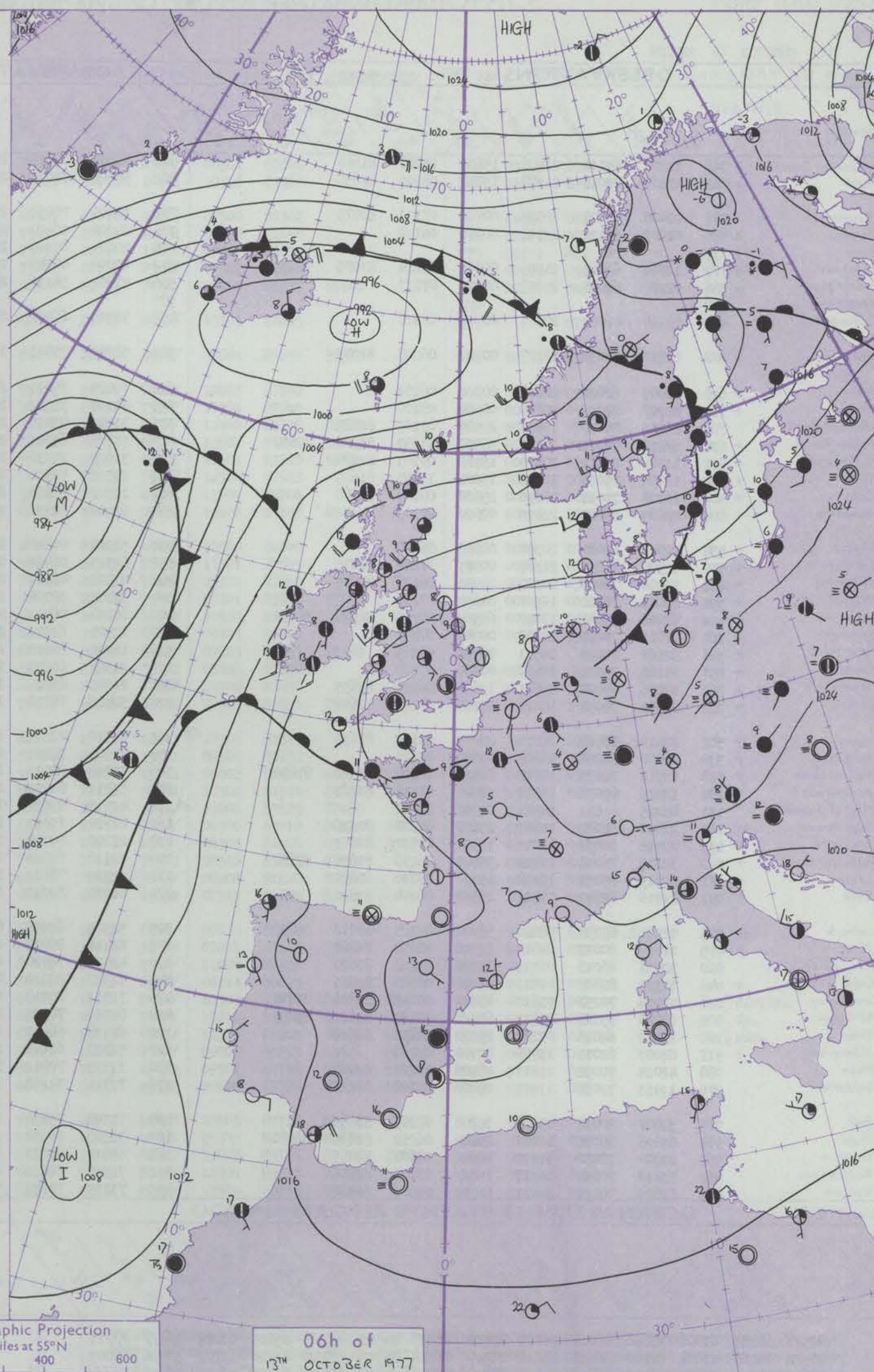
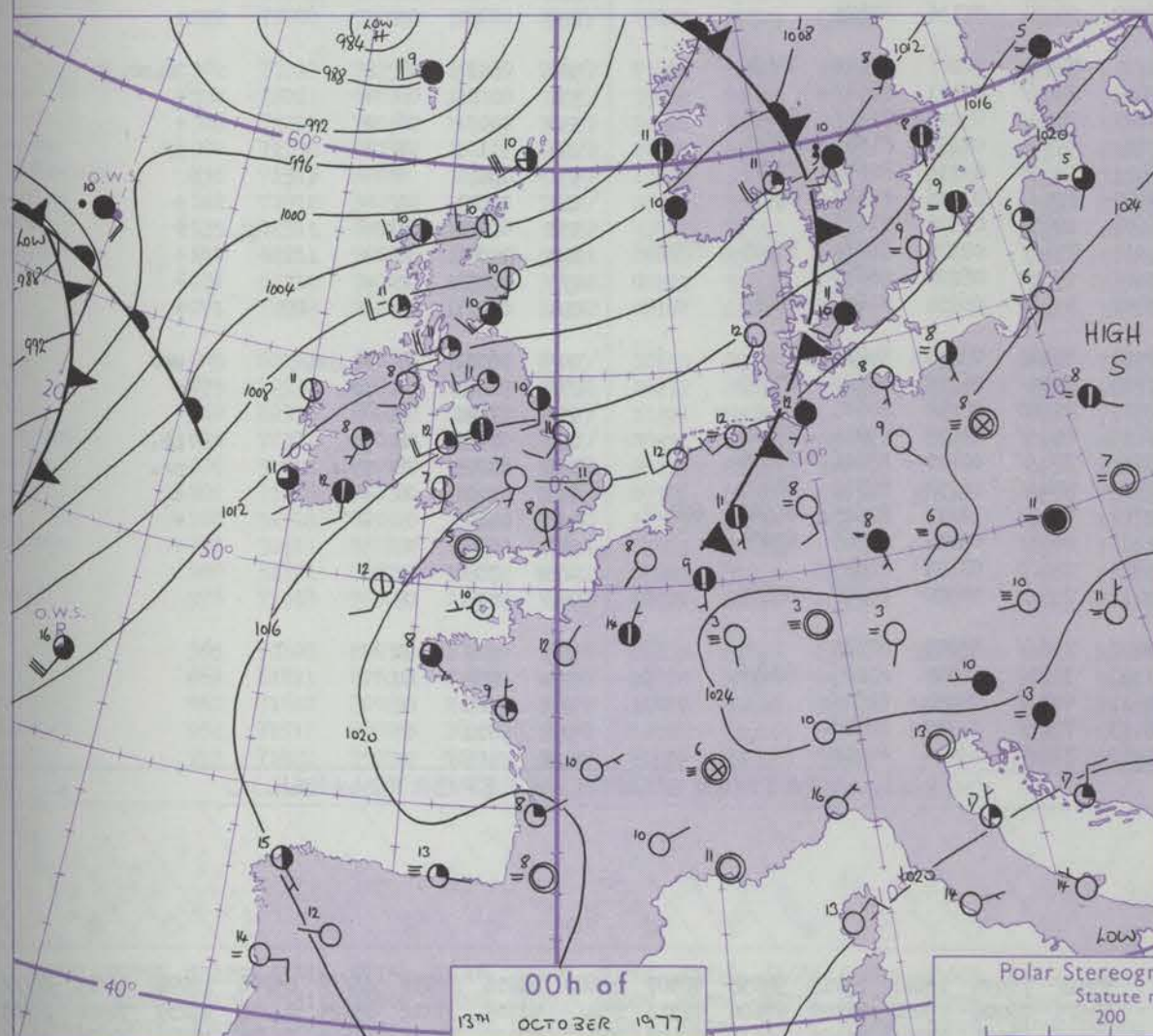
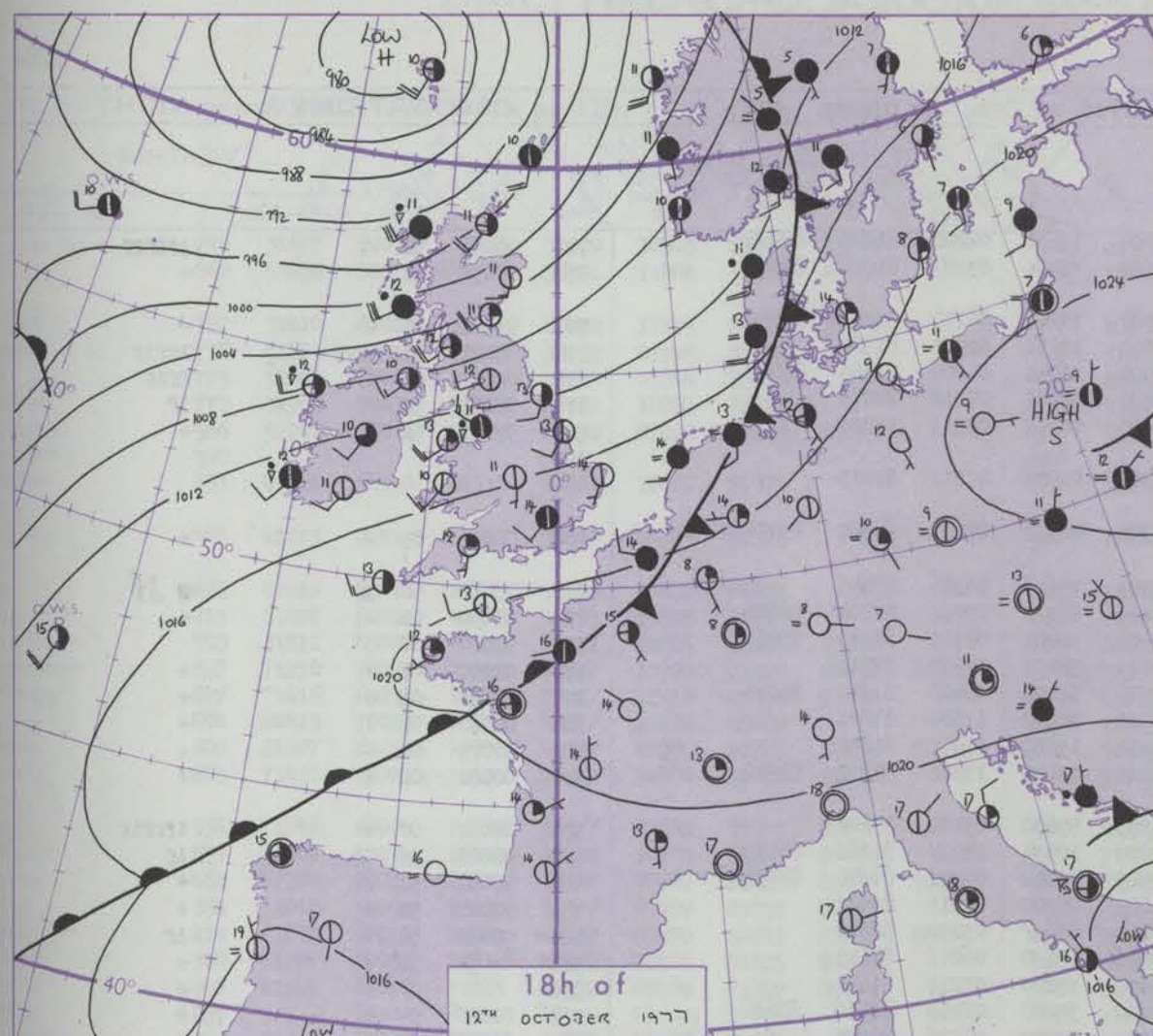
Code FM 21.V		OCEAN WEATHER STATION REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.														
$d_w d_w P_w H_w$	O.W.S.	$99L_a L_a L_a$	$Q_c L_o L_o L_o L_o$	YYGGIw	Nddff	VVwww	PPPTT	$N_h L_h C_h M_h$	$D_s s_{app}$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$IT_w T_w T_w T_w$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$	O.W.S.	$99L_a L_a L_a$	$Q_c L_o L_o L_o L_o$	YYGGIw	Nddff	VVwww	PPPTT	$N_h L_h C_h M_h$	$D_s s_{app}$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$IT_w T_w T_w T_w$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$	
08	C	99527	70355	12121	80118	93466	86707	2732/	00309	82707	86513	05707	11081	31110	////	C	99527	70355	12181	83517	95616	90108	2732/	00214	82707	86514	05605	11090	3////	364//	
09	L	99571	70207	12124	63014	97805	89911	52432	71142	85812	84080	0//08	11233	30403	27006	L	99572	70206	12184	72418	97038	94410	56302	00229	85709	83070	0//07	11221	30404	29006	
1902	M	99658	10026	12124	81222	97022	05308	5847/	00817	81812	85635	0//07	10914	30503	////	M	99659	10024	12184	81128	97212	02408	5542/	00615	83710	85620	0//07	10884	30607	////	
////	R	99470	70170	12124	42316	98031	15815	48500	00400	82820	84630	0//10	11552	30602	30008	R	99471	70170	12184	42018	98258	13014	49501	00612	83820	81920	0//13	11548	30402	30007	

. Met.O. & 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 the deep low to the west of Scotland has moved slowly east and filled steadily as a further low developed in mid-Atlantic and deepened as it moved east. A cold front moved steadily east across the British Isles and the North Sea while the anticyclone over Germany moved a little east. During the next 24 hours the low near the Faeroes is

expected to fill and move westwards and the Atlantic low to turn northeast and fill slowly. The large European anticyclone will remain slow-moving and a southerly flow will be maintained over the British Isles.

Issued at midday THURSDAY 13 OCTOBER 1977

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

OBSERVATIONS at 00h. 13 OCTOBER 1977										OBSERVATIONS at 06h. 13 OCTOBER 1977										OBSERVATIONS during NIGHT									
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	ill	RRT _n T _n E	T _g T _g	WEATHER							
																						21h.—03h.	03h.—09h.						
Boscombe Down	746	11804	65110	21406	15600	05209	81640			746	31007	05410	22704	15631	04206	81645	83075		746	00041	50 +								
Hurn	862	21803	70010	21508	15741	08210	81656			862	50000	62031	22603	38401	03207	81818	83645		862	00031	01 +								
Manston	797	22408	65020	22008	00902	07113	82075			797	52406	70031	23507	10942	06210	81362	85075		797	97060	03 +								
Gatwick	776	01903	62118	22106	00900	06112				776	20000	06424	23602	10931	02207	81360			776	00021	51 ffrf								
Kew	775									775	50000	05444	22904	10941	04208	81365	85075		775	00021	53 ff								
Heathrow	772	11704	62021	21808	00901	08214	81075			772	40000	40280	23307	00901	07210	84075			772	00061	50 +								
Honington	586	02207	65021	21008	00900	07117				586	51802	56111	22806	00902	05211	85075			586	97050	51 +								
Wattisham	590									590									590										
Gorleston	497	02210	66020	20811	00900	08217				497	12409	66030	22908	00901	07211	81075			497										
Aberporth	502	11910	70030	19207	00901	06208	81075			502	51711	75031	19708	40932	07203	84360	83072		502	00061	05 +								
Filton	628	02003	62020	20608	00900	06109				628	70905	70111	21807	756//	06206	87645			628	00060	50 jr								
Rhoose	715	02207	78020	20209	00900	08109				715	60702	78031	21210	683//	09206	82708	86645		715	00090	04 +								
Hartland Point	703	21912	74030	19511	22500	09107	82825			703	31812	83031	20109	16401	08303	81710	83075		703	97080	07								
Mount Batten	827	52210	70021	20813	58500	11103	81822	85650		827	51709	65011	20911	38402	10500	81712			827	00101	07 +								
St. Mawgan	817	11908	80021	20410	15500	09103	81624			817	31609	75030	20509	18402	09400	81812	83075		817	00081	05 +								
Scilly	804	12008	75020	19812	15500	11103	81625			804	21510	82020	19012	28502	11604	81821			804	00111	08 +								
Culdrose	809	21906	70010	20610	25600	09104	82640			809	11307	65100	20411	15600	11601	81640			809	97071	04 +								
Guernsey	894	02605	82020	22410	00900	09103				894	61409	82031	22112	11432	11802	81812	85359		894	00101	02 +								
Elmdon	534	02007	60040	20307	00900	06219				534	51201	04441	21903	55600	03109	85645			534	00021	00 +								
Cardington	559	12309	63020	21307	00901	07216	81075			559	62103	06414	22903	10934	03209	81362	86075		559	00021	52 fr								
Wittering	462	22106	70020	20707	00901	06118	82075			462	41802	48100	22505	00902	05212	81070	84075		462	97041	51 +								
Watnall	354	02002	70020	19507	00900	07216				354	32102	30100	21805	00902	05211	83070			354	97041	52 +								
Shawbury	414	61906	75031	19109	685//	07218	82820	86632		414	60000	06411	21004	656//	03209	86640			414	00020	51 +								
Finningley	360	02011	70020	18108	00900	07217				360	11903	62011	20806	15600	06211	81645			360	00051	50 +								
Spurn Point	396	02108	70020	18511	00900	07220				396	12412	68020	20909	15600	07212	81645			396										
Leeming	257	01202	75011	16510	00900	07220				257	31508	60031	19709	35400	07216	81710	83616		257	00060	04 +								
Tynemouth	262	12006	69028	15711	15600	06228	81635			262	22006	69020	19009	00909	07216	82175			262	00091	04 +								
Carlisle	222	22509	70031	14411	25700	07226	82650			222	32406	70030	17509	25531	07116	81625			222	00081	03 +								
Valley	302	22419	80011	17212	25600	09114	82635			302	72310	72801	18711	784//	10207	85815	85630		302	96111	08 +								
Ringway	334	02010	80020	18709	00900	07121				334	71909	70021	20909	756//	07211	87640			334	00081	06 +								
Squires Gate	318	72512	72038	17012	785//	10220	81820	87650		318	71708	80031	19409	784//	08213	81817	87645		318	00091	06 +								
Ronaldsway	204	12415	80021	15512	18500	07216	81823			204	52011	82031	17611	58501	08208	81822	85656		204	91101	07 +								
Mull of Galloway	131	02425	80011	14511	00900	08321				131	42318	82030	16811	15601	09215	81630	83075		131	00101									
Eskdalemuir	162	21910	81020	14107	25600	05328	82635			162	61909	75031	17609	684//	07116	83710	85630		162	00071	03 +								
Prestwick	135	22518	80031	13011	15501	07127	81625			135	21707	80020	16608	15631	07318	81630			135	00061	01 +								
Abbotsinch	140	32112	75018	11510	35500	06236	81628	83640		140	72110	68021	15911	754//	08324	81712	83626	87636		140	00091	08 +							
Leuchars	171	62215	75031	10210	656//	05230	86630			171	22220	70021	15109	15640	06224	81630			171	00081	05 +								
Dyce	091	11916	82010	07810	18500	06244	81820			091	61809	82031	13807	15532	06231	81620	84075		091	00071	04 +								
Lerwick	005	52331	65258	98010	58400	08323	82812	85637		005	52324																		

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

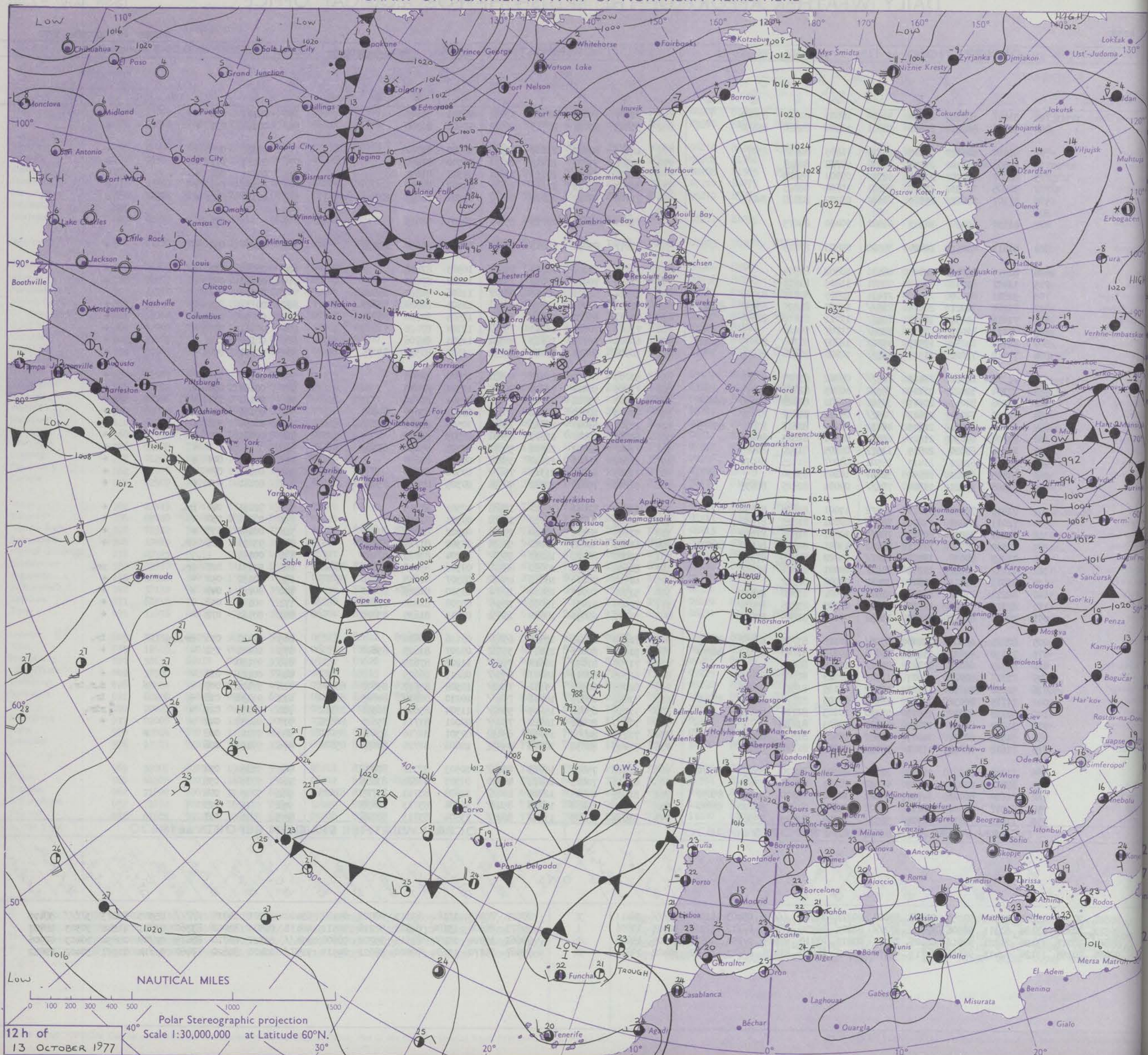
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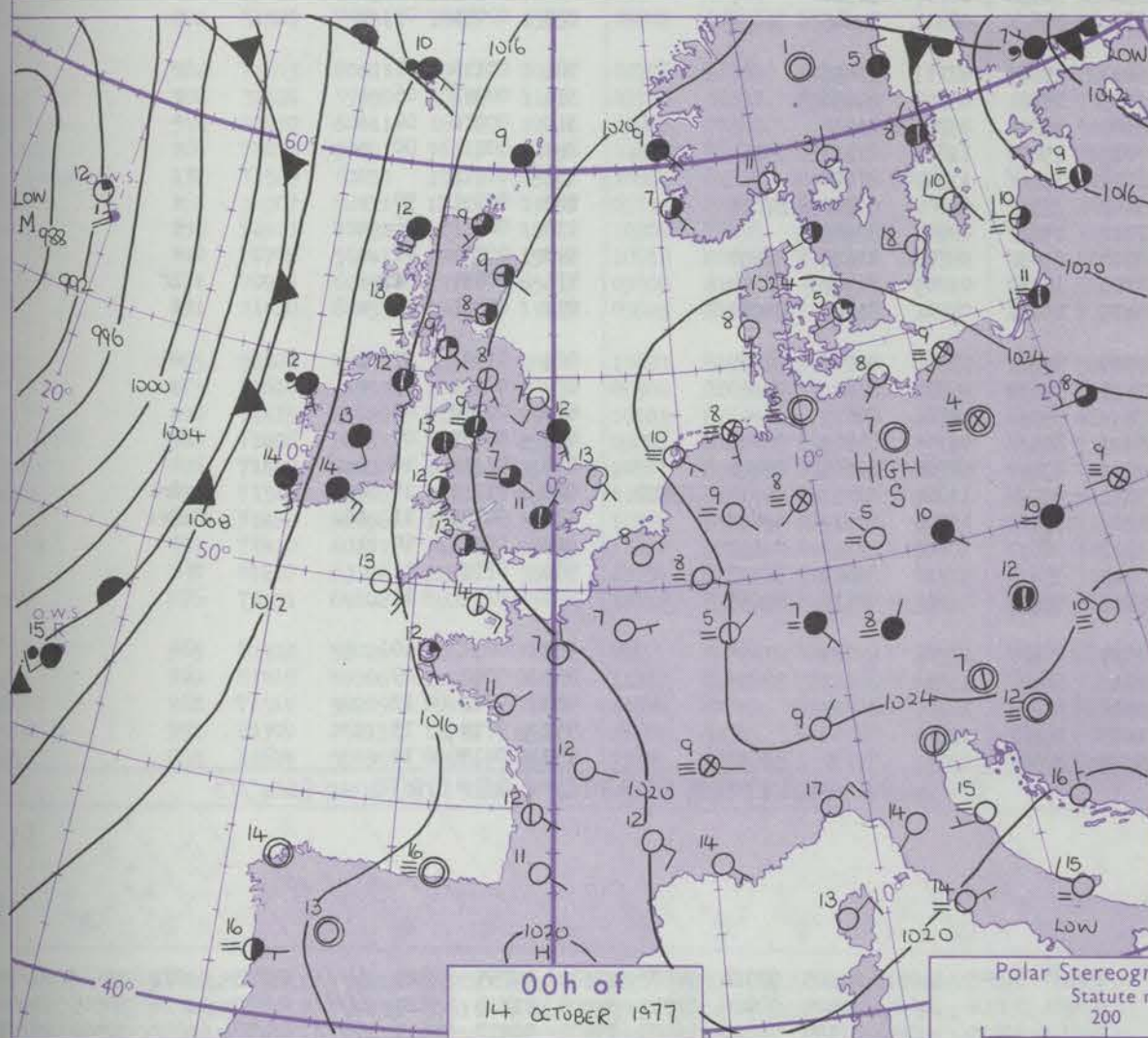
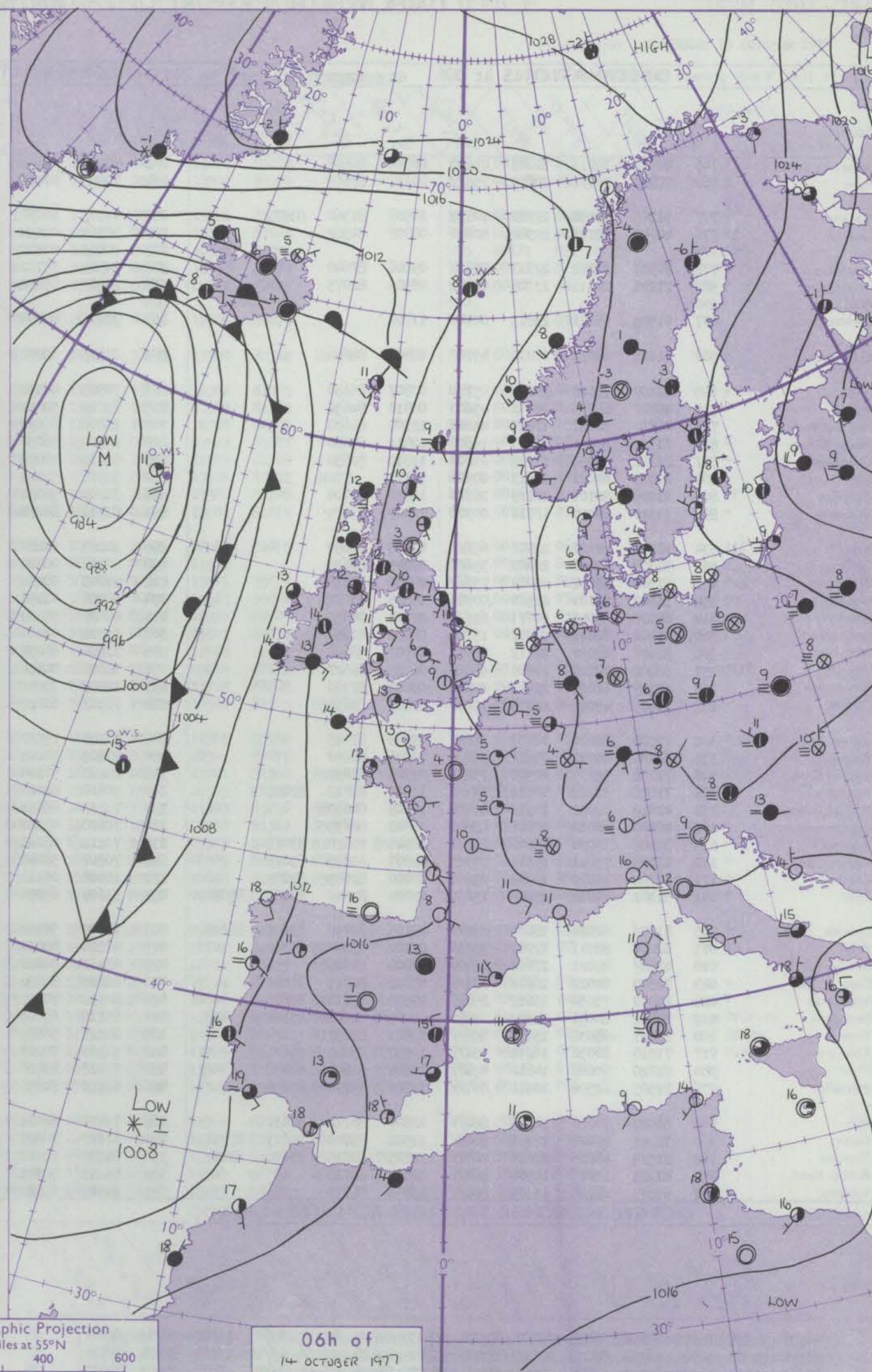
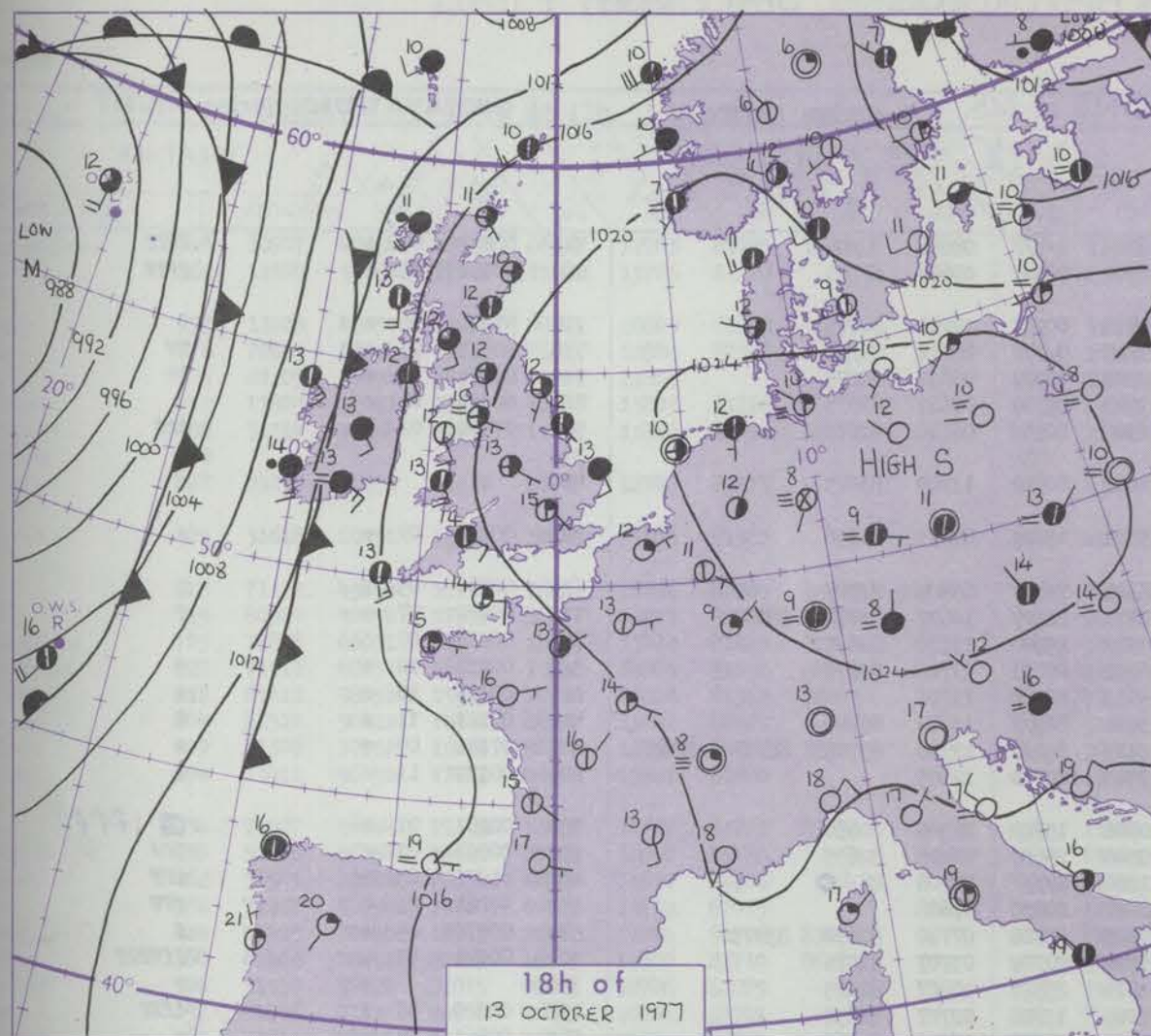
Date of Issue FRIDAY 14 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h. 13 OCTOBER 1977										OBSERVATIONS at 18h. 13 OCTOBER 1977										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RR T x F	SSS	WEATHER			
- 09h.																								09h.—15h.	15h.—21h.	
Boscombe Down		746	31607	80034	22514	32400	10803	81714	83820		746	21107	74011	21410	15682	08301	81640				746	00161	051	+	+	
Hurn		862	51610	80021	22516	58501	11804	81820	85650		862	31005	65011	20713	20971	10506	81360				862	00160	081	+	+	
Manston		797	51410	81012	23815	28432	11805	82818	83075		797	10906	80021	23112	10979	09500	81362				797	00160	078	+	+	
Gatwick		776	41605	75014	23516	22539	09708	82828			776	31502	75031	22412	24731	09500	81650				776	00171	071	+	+	
Kew		775	52007	80024	23215	52509	09804	85825			775	21401	75011	22111	15631	09301	81635				775	00171	061	+	+	
Heathrow		772	31905	70031	23515	28531	10804	82823			772	31403	75011	22215	25632	09302	82640				772	00171	059	+	+	
Honington		586	52107	78012	23515	21502	07002	82828	84075		586	71105	68022	22914	746//	09301	81835	87640			586	00160	048	+	+	
Wattisham		590									590										590					
Gorleston		497	41310	66020	24113	00901	10400	84075			497	81611	66031	23713	855//	10203	88625				497		078			
Aberporth		502	41813	82011	20414	38502	09803	82825			502	71617	83031	18613	5573/	09604	85650	87359			502	00151	050	+	+	
Filton		628	41810	82011	22015	48501	10802	84824			628	71109	75021	20814	756//	10503	87640				628	00160	033	+	+	
Rhoose		715	11407	81011	21615	18401	11805	81818			715	71108	70021	20014	756//	10504	87645				715	00160	059	+	+	
Hartland Point		703	31811	85020	20515	21431	10805	82815	83360		703	81614	82021	17813	885//	11606	84820	88640			703	00160	050			
Mount Batten		827	71210	72021	20915	785//	11809	81820	83630	87645	827	71110	62052	19114	685/1	12604	81820	86645			827	00151	027	+	+	
St. Mawgan		817	71616	65031	19813	784//	11711	81810	87640		817	71311	65022	18513	684/1	11503	81810	86640			817	00151	030	+	+	
Scilly		804	81413	70021	18713	855//	11707	88620			804	71413	70022	16713	755//	12304	87628				804	00141	007	+	+	
Culdrose		809	81107	64051	19913	4532/	12808	81708	84635	88462	809	60809	56102	18213	46331	12504	84706				809	00150	015	+	+	
Guernsey		894	71410	72022	21515	755//	14806	81620	86645		894	30908	67031	19414	10932	11607	81359	83075			894	00171	050	+	+	
Elmdon		534	71506	66024	22413	785//	09802	81820	87650		534	51203	64012	21413	45631	10500	84645				534	00151	012	+	+	
Cardington		559	72306	70024	23415	38502	10803	82823	87075		559	71205	58022	22313	756//	11501	87645				559	00161	038	+	+	
Wittering		462	62108	80011	23015	38502	07802	81828	83650	86075	462	71403	75022	22613	756//	09301	87640				462	00161	037	+	+	
Watnall		354	72010	57051	22613	785//	09002	81822	87657		354	71503	60032	22112	756//	09301	83630	87640			354	00141	011	+	+	
Shawbury		414	61810	67014	21613	48432	09000	82813	83650	85073	414	21303	61041	20812	15642	10500	81645				414	00150	032	+	+	
Finningley		360	71909	69031	21814	685/2	08801	81825	86656		360	61505	62012	21811	65601	09303	86640				360	00161	037	+	+	
Spurn Point		396	42106	68020	22815	11572	08105	81820	84075		396	71507	68031	22512	5567/	09303	85630	87360			396			+	+	
Leeming		257	31810	75011	21114	28601	07002	81830			257	31602	59041	21612	35702	08308	83650				257	00150	049	+	+	
Tynemouth		262	51805	69021	20914	32634	10103	83830			262	71905	66022	21313	756//	09306	87630				262	00161	070	+	+	
Carlisle		222	72408	75021	19514	785//	09001	82825	86635		222	51702	70012	20012	48531	09305	81825	83650			222	00141	030	+	+	
Valley		302	71919	78258	19713	784/2	11001	82815	87630		302	11610	82011	19312	18431	10302	81815				302	92151	040	pr.	+	
Ringway		334	72011	60021	21812	785//	09001	81825	87650		334	11605	57041	21212	15701	09301	81650				334	00151	030	+	+	
Squires Gate		318	72009	70031	20514	785/1	10801	81825	87650		318	51304	58102	20310	25601	09302	82640	84075			318	00151	035	+	+	
Ronaldsway		204	72110	80158	19113	684/2	11001	82818	86650	86072	204	61609	84038	19112	58431	10302	81714	85650			204	93151	025	pr.	+	
Mull of Galloway		131	72319	80038	18313	785//	11002	84825	87630		131	72020	80022	18213	3557/	11004	83625	87460			131	00141				
Eskdalemuir		162	71912	80251	19212	785//	09001	83822	87645		162	81602	62258	20010	884//	09306	83710	84822	88640		162	92131	027	pr.	pr.	
Prestwick		135	42311	75011	18313	38532	07001	82822			135	61510	70011	18612	45432	08307	81618	83656	85075		135	00151	052	+	+	
Abbotsinch		140	62211	75012	18014	58541	09002	83820	83635		140	51502	75011	18412	18532	08310	81825	83360			140	00151	049	+	+	
Leuchars		171	62312	72021	18513	38502	07209	83828	85070		171	72009	81031	18912	785//	08208	81820	87642			171	00151	058	+	+	
Dyce		091	72008	84012	17015	15632	07107	81645	87075		091	51810	68051	18810	15632	07313	81635	83075			091	00161	072	+	+	
Lerwick		005	82221	62608	12410	852//	10125	83705	86707	88615	005	72213	62026	16510	6563/	09116	86630				005	91121	011	pr. ir.	ir.	
Wick		075	72110	82021	15213	15678	10212	81640	83362	86270	075	51606	80011	17011	35532	09207	81625	83640			075	00141	032	+	+	
Sule Skerry		010	82315	66025	14412	855//	11224	88625			010	71707	81032	16512	755//	11208	87625				010	97130				
Cape Wrath		049	72317	82022	13811	1737/	09223	81708	87460		049	62305	80012	16011</												

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The depression to the east of Iceland moved very slowly north and filled up during yesterday. A further depression about 600 miles west of Ireland also moved slowly north. Associated frontal troughs moved slowly east towards western Ireland where they are now almost stationary. With high pressure persisting over the Continent, a mild southerly airstream has been

maintained over the British Isles. The low complex over the eastern North Atlantic is expected to continue. The mild southerly airstream will also be maintained over the British Isles during the next 24 hours.

Issued at midday FRIDAY 14 OCTOBER 1977

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

Code FM II.V										OBSERVATIONS at 00h. 14 OCTOBER 1977										OBSERVATIONS at 06h. 14 OCTOBER 1977										OBSERVATIONS during NIGHT										Code FM							
Station		iii		Nddff		VVwwwW		PPPTT		N _h Ch _h C _M H		T _d app		8N _s Ch _s h _s		8N _s Ch _s h _s		8N _s Ch _s h _s		iii		Nddff		VVwwwW		PPPTT		N _h Ch _h C _M H		T _d app		8N _s Ch _s h _s		8N _s Ch _s h _s		8N _s Ch _s h _s		iii		RRT _n E		T _g T _g		WEATHER		Station	
		iii		Nddff		VVwwwW		PPPTT		N _h Ch _h C _M H		T _d app		8N _s Ch _s h _s		8N _s Ch _s h _s		8N _s Ch _s h _s		iii		Nddff		VVwwwW		PPPTT		N _h Ch _h C _M H		T _d app		8N _s Ch _s h _s		8N _s Ch _s h _s		8N _s Ch _s h _s		iii		RRT _n E		T _g T _g		21h.—03h.			03h.—09h.
Boscombe Down		746	40810	75011	21009	45600	06710	84648													746	90909	01454	18808	91111	08608	89/01																		Boscombe Down		
Hurn		862	70003	59031	20209	756//	09712	87642													862	70803	01461	18309	760//	09606	87701																		Hurn		
Manston		797	31305	62030	22712	10932	10508	81362	83075												797	11107	30050	20111	00901	10708	81075																		Manston		
Gatwick		776	40903	50101	22308	40930	08808	84362													776	90705	01434	19808	91111	08712	89111																		Gatwick		
Kew		775																			775	20903	00410	19708	00901	08612	82075																		Kew		
Heathrow		772	70304	62031	22311	756//	09806	87640													772	10704	15111	19909	00901	09612	81075																		Heathrow		
Honington		586	21201	20111	23308	00902	08505	82075													586	20805	05410	21306	00902	06710	82075																		Honington		
Wattisham		590																			590																								Wattisham		
Gorleston		497	01505	66021	23813	00900	11708														497	31212	60030	22013	00901	11709	83075																		Gorleston		
Aberporth		502	41416	65031	18912	45700	10807	84656													502	21518	62030	15711	15701	09811	81656																		Aberporth		
Filton		628	51109	78012	20811	55700	07807	85650													628	70905	40101	18809	763//	08504	87707																			Filton	
Rhoose		715	40707	68011	20011	45600	08810	84632													715	81010	50051	17711	861//	10607	81702	88704																	Rhoose		
Hartland Point		703	40814	74021	17813	45600	12709	84630													703	20806	66030	15512	25600	11710	82635																		Hartland Point		
Mount Batten		827	11111	58051	17913	15600	12811	81640													827	21209	56050	16112	00901	11706	82070																		Mount Batten		
St. Mawgan		817	21312	56051	17113	25600	11812	82630													817	01412	40050	15013	00900	11706																			St. Mawgan		
Scilly		804	01313	60021	15613	00900	12711														804	81312	50021	13514	863//	13709	88706																		Scilly		
Culdrose		809	21009	50101	17213	26200	12610	82704													809	81206	58051	15113	852//	12708	83705	86710	88628																	Culdrose	
Guernsey		894	11310	68020	18714	00902	10809	81075													894	01511	60050	17313	00900	12605																				Guernsey	
Elmdon		534	61302	40101	22007	657//	07805	86650													534	21303	12281	20006	15702	06509	81650																			Elmdon	
Cardington		559	31303	62031	22609	35600	09805	83635													559	21102	06424	20508	25600	08608	82635																			Cardington	
Wittering		462	71304	65012	23012	756//	09704	87638													462	91003	00454	21108	91111	08708	89/00																				Wittering
Watnall		354	31602	45101	22509	00901	08605	83072													354	00906	01464	20707	00900	07608																					Watnall
Shawbury		414	60902	57041	20711	657//	09708	86650													414	40807	35111	19108	25704	07710	82650	83073																			Shawbury
Finningley		360	21202	60041	22007	15702	06806	81650													360	11304	01464	20604	00902	03707	81075																			Finningley	
Spurn Point		396	81607	68022	22712	856//	10707	88649													396	21206	66031	21611	25571	10607	82625																			Spurn Point	
Leeming		257	62402	35101	22406	655//	06805	86627													257	10000	04414	21003	15700	02707	81650																				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

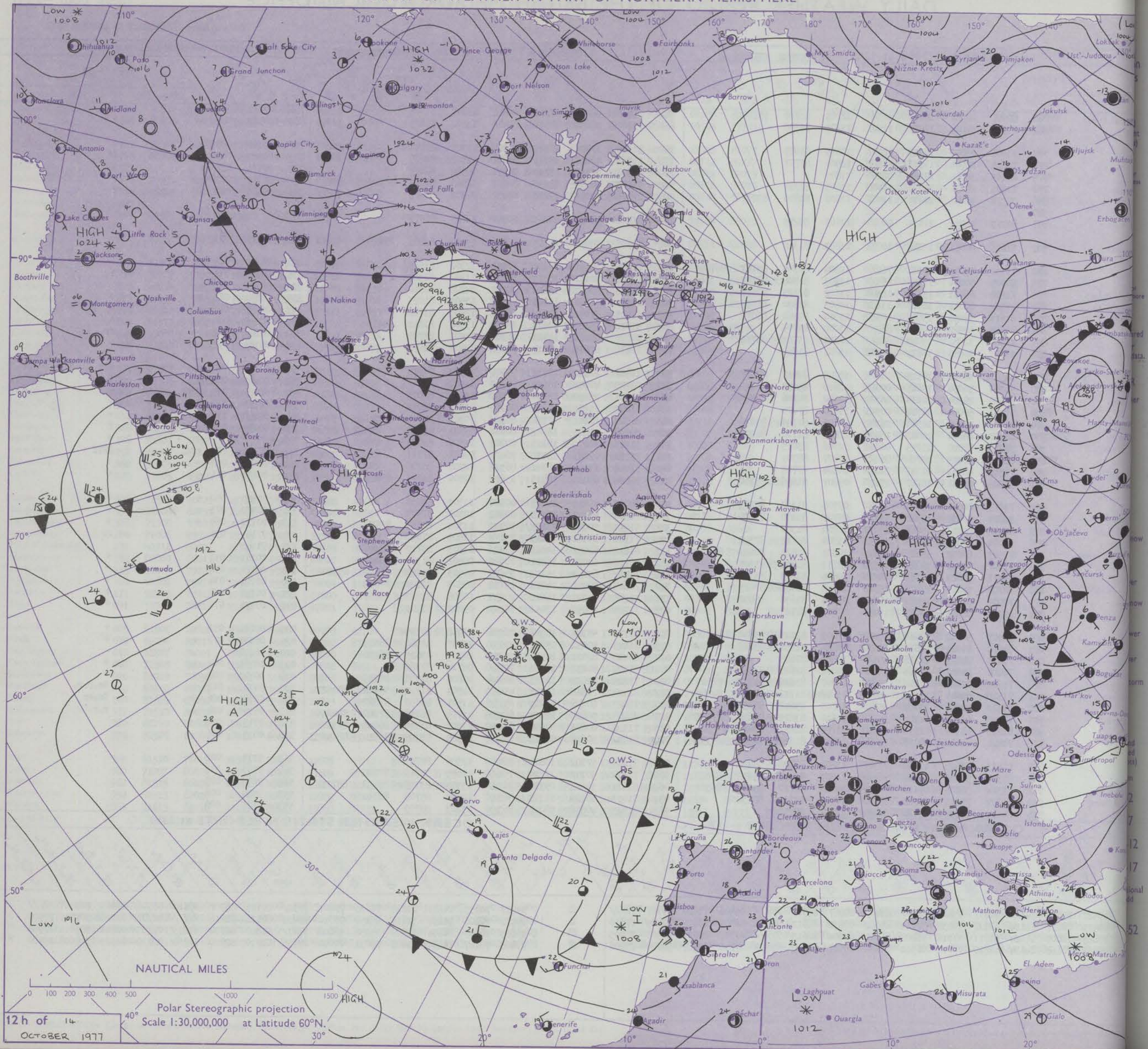
ISSN 0307-2541

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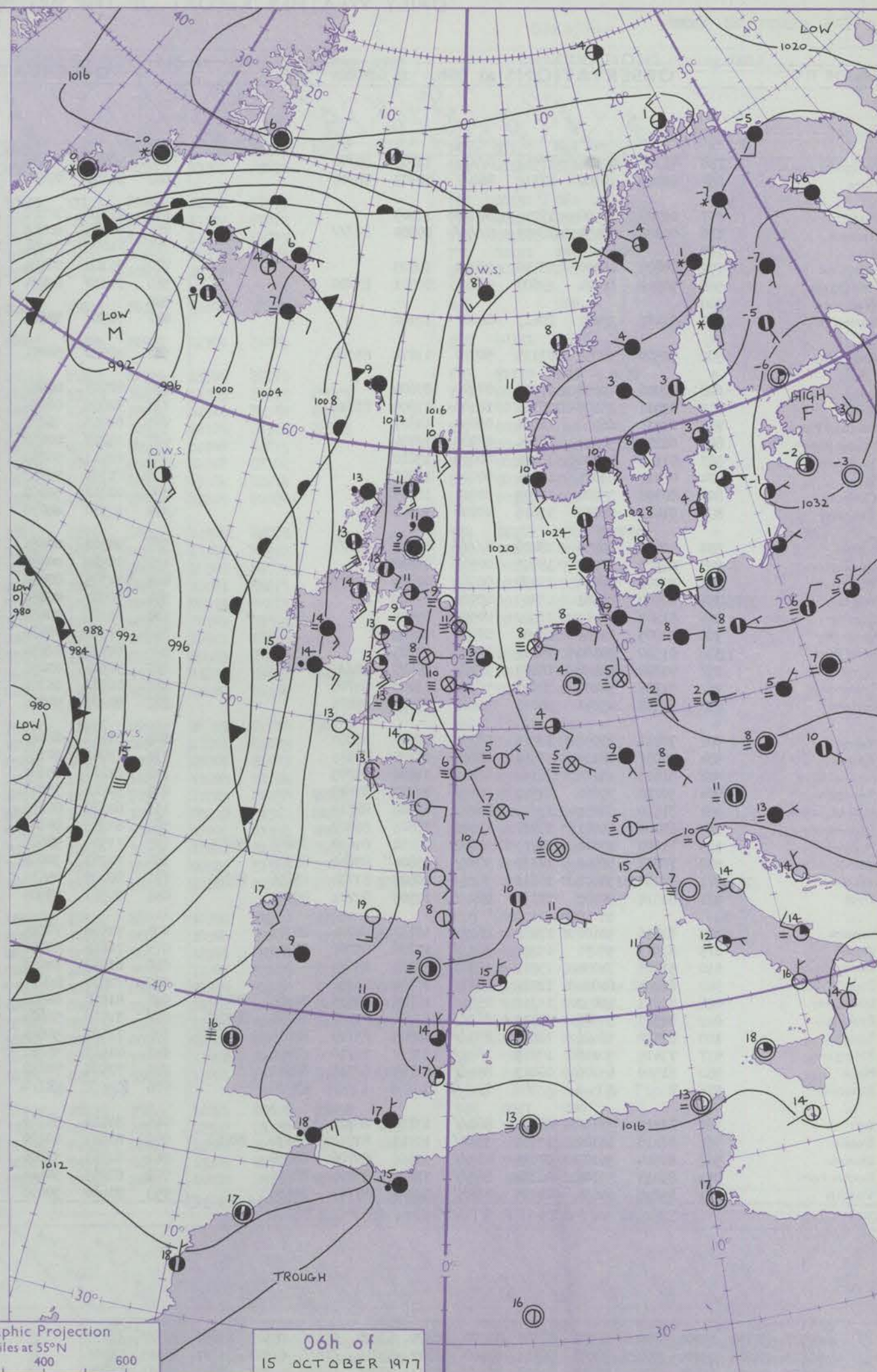
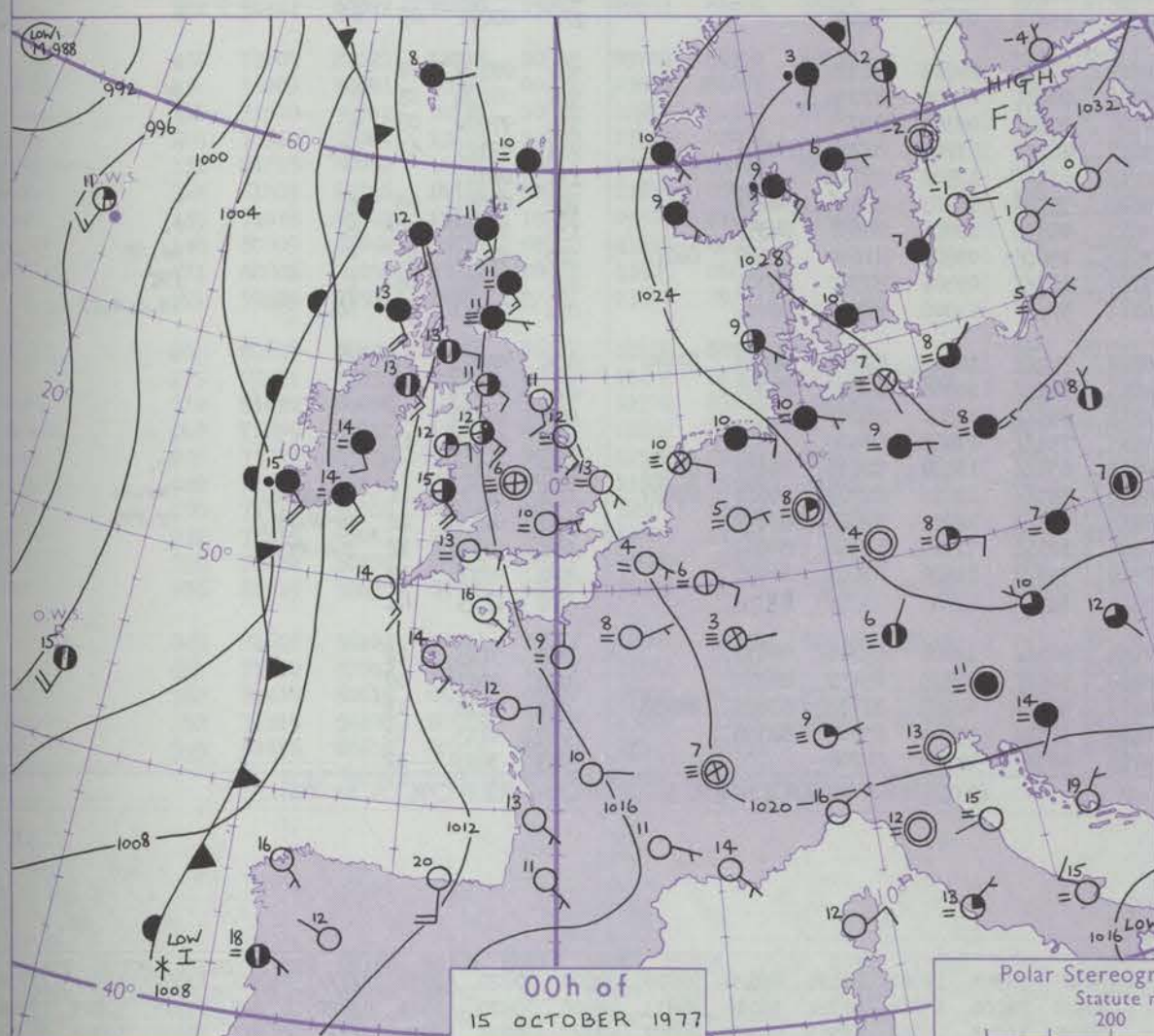
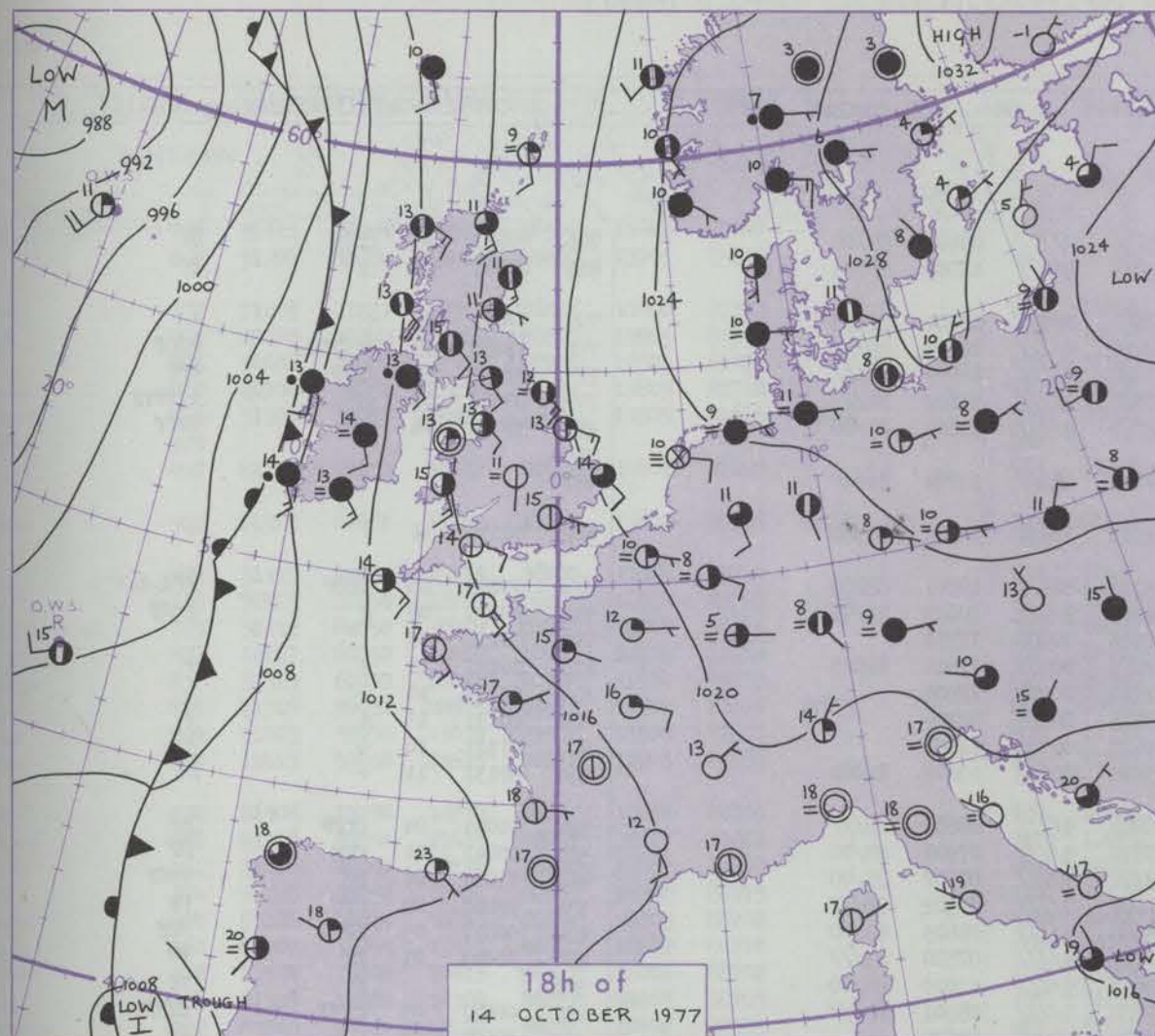
Date of Issue SATURDAY 15 OCTOBER 1977

OBSERVATIONS at 12h. 14 OCTOBER 1977										OBSERVATIONS at 18h. 14 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x x E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	60907	42054	18414	663//	12703	83706	85710		746	11306	56051	17712	00901	11201	81078		746	00171	051	f	f		
Hurn	862	11508	57054	17917	11501	13705	81820			862	11103	18050	17514	00901	13302	81075		862	00180	080	+	f		
Manston	797	11408	43050	19915	00901	10805	81075			797	31105	37050	19113	00901	11501	83075		797	00160	088	+	+		
Gatwick	776	70605	20044	19613	763//	12804	87707			776	11304	40041	18313	00901	11301	81075		776	00181	049	FF	1f		
Kew	775	01103	36054	19315	00900	11805				775	10000	35110	18210	00901	10500	81075		775	00171	081	+	1F		
Heathrow	772	11805	28051	19615	16400	11803	81710			772	11203	40050	18215	00901	12503	81075		772	00171	073	+	+		
Honington	586	31314	42054	20216	11402	11806	81816	83075		586	21306	22050	19213	00901	09302	82075		586	00170	062	+	f		
Wattisham	590									590									590					
Gorleston	497	81215	32051	21114	00907	12709	88275			497	61411	48052	20014	00901	12705	86075		497		038				
Aberporth	502	31618	60051	15216	10931	11803	81362			502	41616	58051	14215	20932	13500	82362	84075		502	00171	063	+	+	
Filton	628	71112	45054	18114	762//	11804	82705	85707	86710	628	11008	25051	17313	10931	12302	81365		628	00160	043	+	+		
Rhoose	715	80909	50054	17513	863//	11803	86706	88709		715	10806	30051	16513	10931	11302	81362		715	00160	032	+	+		
Hartland Point	703	71808	66031	15718	12586	13102	81825	87075		703	31418	59051	13616	20941	14708	82360		703	00190	083				
Mount Batten	827	71511	60051	16517	11632	14803	81830	87075		827	11014	50051	15315	00901	13503	81075		827	00191	078	+	+		
St. Mawgan	817	61611	58051	15516	10932	13000	81362	86075		817	11412	57051	14014	16372	12605	81708		817	00181	074	+	+		
Silly	804	81514	50022	14414	863//	13002	88709			804	51314	45051	12614	28439	13504	81812	84175		804	00151	000	+	+	
Culdrose	809	81306	32052	16014	862//	12001	85704	88712		809	30709	09464	14413	36301	13501	83708		809	00161	042	+	ff		
Guernsey	894	11411	56050	17415	00902	13801	81080			894	11410	62010	16217	00902	12501	81075		894	00181	092	+	+		
Elmdon	534	71507	56044	19113	11401	10707	81812	87075		534	11802	22111	17911	00901	10500	81075		534	00151	062	+	1ff		
Cardington	559	51206	56054	19615	00901	12810	85078			559	01403	40051	18613	00900	11501			559	00181	060	f	+		
Wittering	462	51505	28284	20113	46301	11610	84706			462	51204	25052	18514	00902	11501	85075		462	00181	035	FFff	+		
Watnall	354	71107	56054	19714	00901	11810	87075			354	51202	15051	18212	00902	11503	85072		354	00151	032	FFf	+		
Shawbury	414	41005	20044	18313	26302	11809	81706	83076		414	81205	28041	17512	863//	10301	88709		414	00150	039	f	+		
Finningley	360	62402	28044	20012	16408	11809	81710	86275		360	50902	30041	18011	00901	09501	85075		360	00171	018	ff	f		
Spurn Point	396	31310	58020	21015	00901	12706	83075			396	31213	30051	19113	00901	12506	83075		396			+	+		
Leeming	257	81806	07425	20710	860//	10807	88701			257	73202	02464	18410	764//	09605	87711		257	97120	000	ffda	ffff		
Tynemouth	262	71810	48051	21112	762//	10804	87705			262	81412	23101	18712	863//	12708	88708		262	00131	038	+	+		
Carlisle	222	51509	75031	18217	15730	09807	81656	85362		222	51508	65011	16313	15602	10500	81645	85073		222	00171	061	+	+	
Valley	302	71613	80021	15517	7098/	09708	81360	87363		302	30000	59051	14613	00902	11303	83080		302	00180	050	+	+		
Ringway	334	31814	59030	18816	11601	09706	81830	83075		334	71508	40041	17513	00902	10301	87075		334	00170	073	+	+		
Squires Gate	318	21412	60011	18016	10931	12806	81360			318	51411	50041	16313	10931	11301	81362	85077		318	00170	069	+	+	
Ronaldsway	204	71014	30041	16213	1643/	11809	81712	87359		204	71307	29041	15013	756//	12505	87630		204	97151	036	+	r.		
Mull of Galloway	131	71523	60032	15813	6853/	10804	82825	84635	87360	131	81612	60052	14513	3642/	11303	83710	88460		131	91141				
Eskdalemuir	162	31307	82021	18215	11530	08711	81828	83365		162	50902	60051	16811	10972	08502	81362	85072		162	00161	051	+	+	
Prestwick	135	71411	70022	17115	18572	10804	81825	85359		135	71411	65042	15115	35678	09503	81630	83650	85360		135	00171	034	+	+
Abbotsinch	140	70708	56041	17413	15742	10810	81650	87075		140	70607	58041	14913	25732	08505	82650	87075		140	00171	034	+	+	
Leuchars	171	70905	62054	18911	6563/	09805	81630	86650		171	51207	40041	16611	20932	10608	82362	85075		171	00131	044	+	+	
Dyce	091	21510	68051	19013	11431	09803																		

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

The depression south of Iceland moved slowly north and filled during the past 24 hours while a further depression moved east then southeast from near Labrador to mid-Atlantic and deepened. Frontal troughs affected extreme western Britain while an anticyclone moving north from Germany to Scandinavia maintained a settled southerly or southeasterly airstream over remaining

districts. During the next 24 hours the mid-Atlantic depression is expected to approach northwest Spain, and with the anticyclone moving south into eastern Europe southeasterly flow will be maintained over the British Isles with frontal troughs affecting southwestern districts.

Issued at midday SATURDAY 15 OCTOBER 1977

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

OBSERVATIONS at 00h. 15 OCTOBER 1977										OBSERVATIONS at 06h. 15 OCTOBER 1977										OBSERVATIONS during NIGHT						
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	91102	01474	17511	9////	11706	89/00			746	90902	01454	15709	9////	09608	89/00			746	00081	08	ffff		ff		
Hurn	862	80902	10104	17112	860//	12707	88700			862	81106	09444	15013	860//	13709	88701			862	00091	07	ff		ff		
Manston	797	01305	24100	19211	00900	11603				797	21310	18100	17610	00901	09704	82075			797	97090	05	+		+		
Gatwick	776	90905	00454	18509	9////	09804	89///			776	90906	00455	16910	9////	10705	89///			776	97080	05	1ffffd.		ffff		
Kew	775									775	91004	00454	17010	9////	10604	89///			775	97031	52	1fff		fff		
Heathrow	772	00805	18100	18710	00900	10803				772	91105	00454	17310	9////	10602	89///			772	00081	05	1f		1fffff		
Honington	586	90902	00474	19609	9////	09801	89/00			586	91110	02434	18211	9////	11604	89/00			586	97070	04	fff		ffff		
Wattisham	590									590									590							
Gorleston	497	01407	28101	20413	00900	12101				497	61314	32101	19013	645//	11704	86620			497							
Aberporth	502	51520	58051	13115	50970	11814	85360			502	21520	50051	11513	10931	10708	81360			502	00131	11	+		+		
Filton	628	00906	12100	17310	00900	09604				628	80905	08444	15310	861//	10707	88702			628	97061	03	1fff		ffd.d.		
Rhoose	715	11011	25100	16311	16400	11805	81710			715	90808	06434	14210	9////	10607	89/01			715	97090	08	f		ffff		
Hartland Point	703	01418	66020	12614	00900	11807				703	01013	56020	11913	00900	12709			703	00130	08						
Mount Batten	827	01212	50050	15114	00900	12704				827	11212	40050	12713	00901	12610	81075			827	00131	11	+		+		
St. Mawgan	817	01515	50100	13314	00900	13610				817	01413	56050	11514	00900	12504			817	00131	10	+		+			
Scilly	804	01417	63021	11814	00900	12707				804	01315	50050	09613	00900	12704			804	00131	11	+		+			
Culdrose	809	00908	35104	13713	00900	12810				809	01010	56100	11612	00900	12608			809	97121	10	+		+			
Guernsey	894	01412	58050	15616	00900	12806				894	11310	64030	13514	00902	11608	81080			894	00131	11	+		+		
Elmdon	534	90000	00454	18406	9////	06802	89///			534	90902	00454	16808	9////	08603	89///			534	91051	04	ffff		ff		
Cardington	559	01403	07460	18907	00900	07802				559	90904	00454	17807	9////	07501	89/01			559	00041	01	fff		ff		
Wittering	462	21402	06411	19108	00901	07804	82075			462	91305	00434	18107	9////	07702	89/00			462	91061	01	ff		ffff		
Watnall	354	00702	05441	18809	00900	09500				354	90802	00454	17607	9////	07502	89///			354	97061	02	fff		ff		
Shawbury	414	01203	08411	17209	00900	09805				414	91105	00454	15708	9////	08605	89/00			414	00070	03	1fff		fff		
Finningley	360	01803	11104	18407	00900	06801				360	91502	00474	17707	9////	07500	89///			360	00041	01	ff		ff		
Spurn Point	396	01510	30100	19112	00900	11703				396	91410	02434	18411	9////	11000	89/00			396			f		ff		
Leeming	257	91809	00474	18409	9////	09803	89///			257	91707	03454	17608	9////	08801	89///			257	00071	05	ffff		ffff		
Tynemouth	262	51708	30102	18711	563//	11400	85708			262	01907	16101	17509	00900	09602			262	00091	07	+		ff			
Carlisle	222	51308	45041	16011	00902	09805	85075			222	50806	50041	14711	45701	09602	84656			222	00091	05	+		+		
Valley	302	30811	59050	13512	00902	10809	83080			302	31611	68020	12313	20932	09803	82359			302	00120	07	+		+		
Ringway	334	30902	18111	17610	00901	09807	83075			334	13002	20110	15909	00901	09606	81076			334	00090	05	+		ff		
Squires Gate	318	51413	18101	16112	56201	11806	85705			318	21211	18101	14709	00901	09804	82075			318	97090	08	+		+		
Ronaldsway	204	30710	35046	14513	35700	12707	83650			204	50812	33041	13012	46202	11703	81704	84706			204	97121	11	ir.		+	
Mull of Galloway	131	81520	58055	13512	864//	12708	88710			131	61520	60051	12212	664//	12502	86710			131	00111						
Eskdalemuir	162	60000	56101	17307	00902	07801	86072			162	63202	60102	15807	35706	06703	83656	86271			162	00051	03	+		+	
Prestwick	135	71009	45046	14413	35702	10810	81650	83657	86075	135	71309	58046	13413	4583/	09802	84657	84359			135	97121	09	r.		r.	
Abbotsinch	140	70807	56042	14912	3567/	09804	83640	87362		140	71203	30046	13910	15678	09803	81640	83360	86272			140	97071	03	+		ir.1f
Leuchars	171	81105	38402	16611	3523/	10803	81704	83656	88360	171	80000	05414	15709	860//	09301	82700	88701			171	00061	05	f		fff	
Dyce	091	81514	20102	17111	860//	11505	82701	88702		091	81511	08505	16111	870//	11000	86700	88701			091	97111	11	id.f		id.d.d.fff	
Lerwick	005	81616	50101	17410	862//	10707	84704	88705		005	71514	70021	16810	752//	10400	84705	87623	87640			005	00091	07	+		+
Wick	075	81513	58051	15211	863//	10606	85707	88715		075	71616	50102	14011	3633/	10301	83707	87359			075	00101	08	+		+	
Sule Skerry	010	51415	74031	13211	55500	10711	85625			010	61418	74011	12712	655//	10302	86625			010	91101	09					
Cape Wrath	049	61405	82022	12314	6097/	97704	86360			049	71804	82031	11513	755//	11400	87620										

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

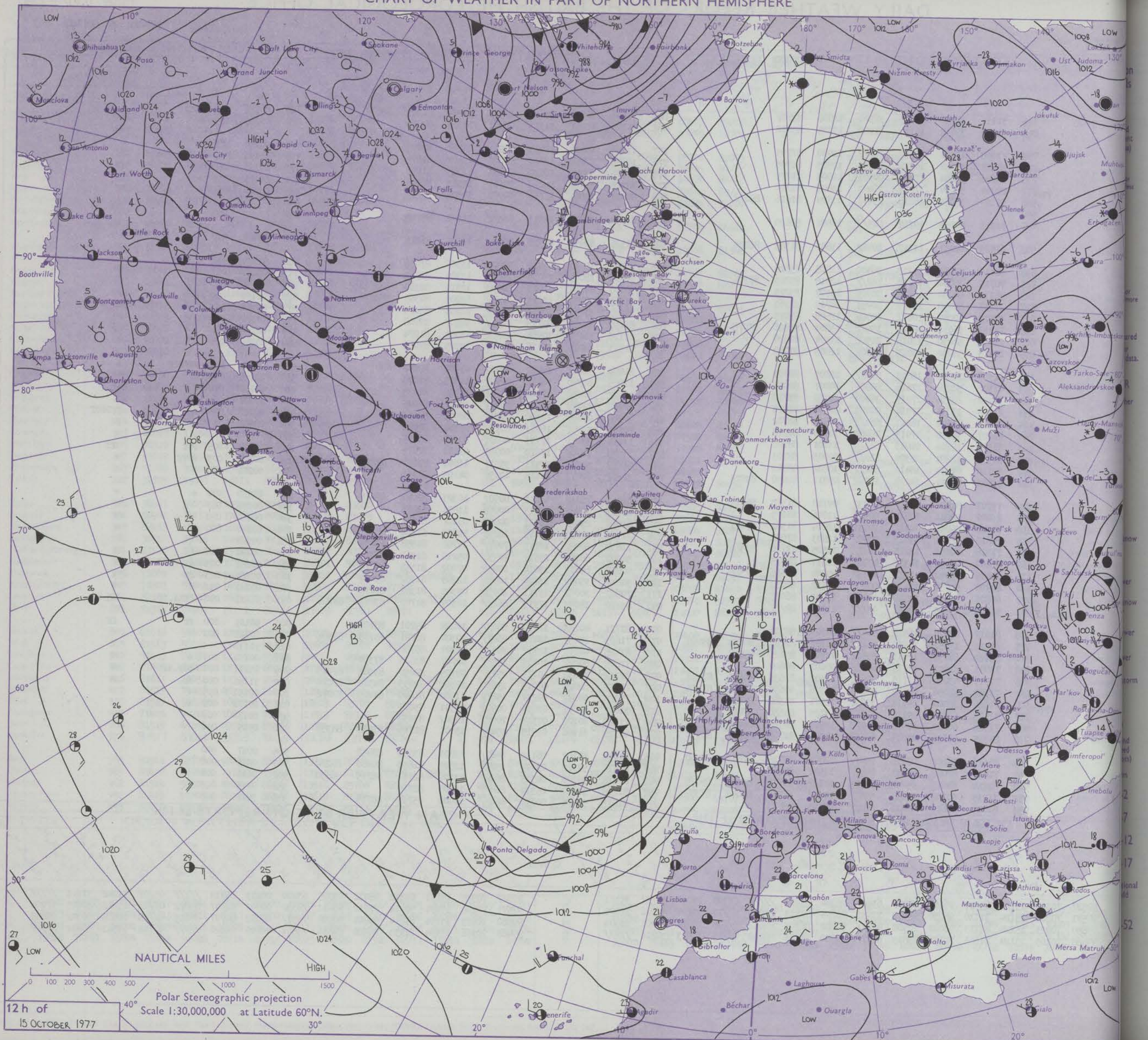
ISSN 0307-2541

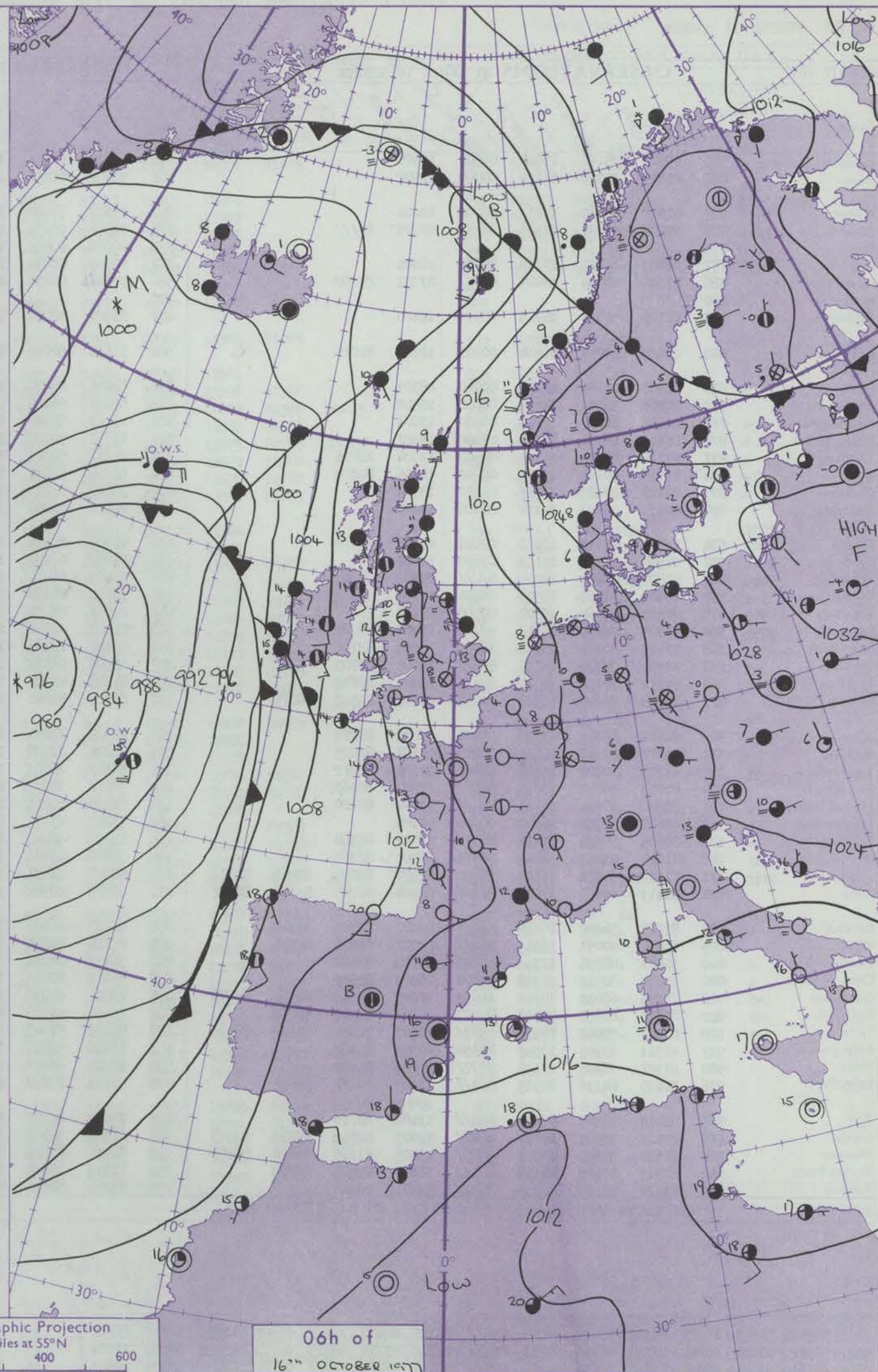
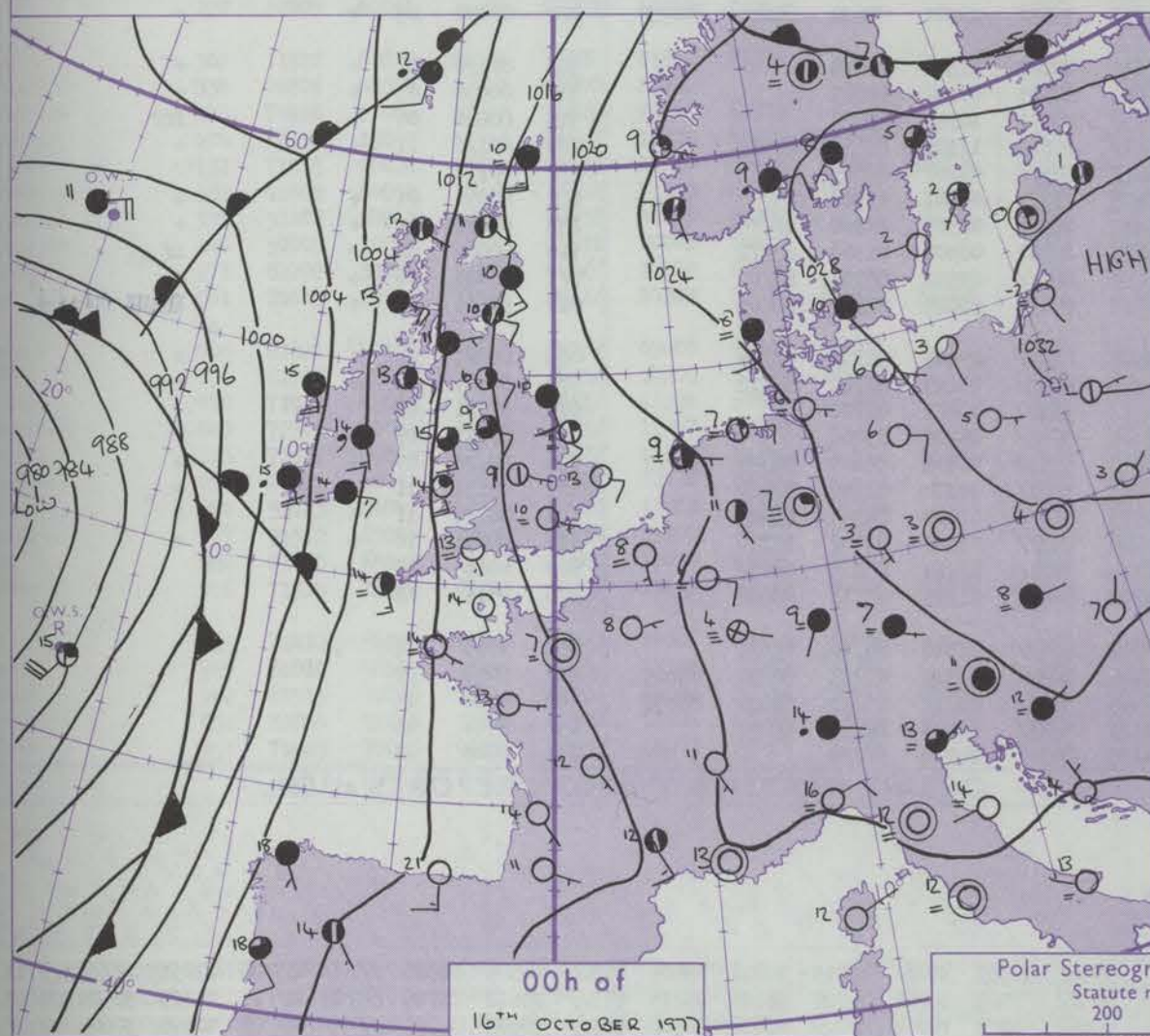
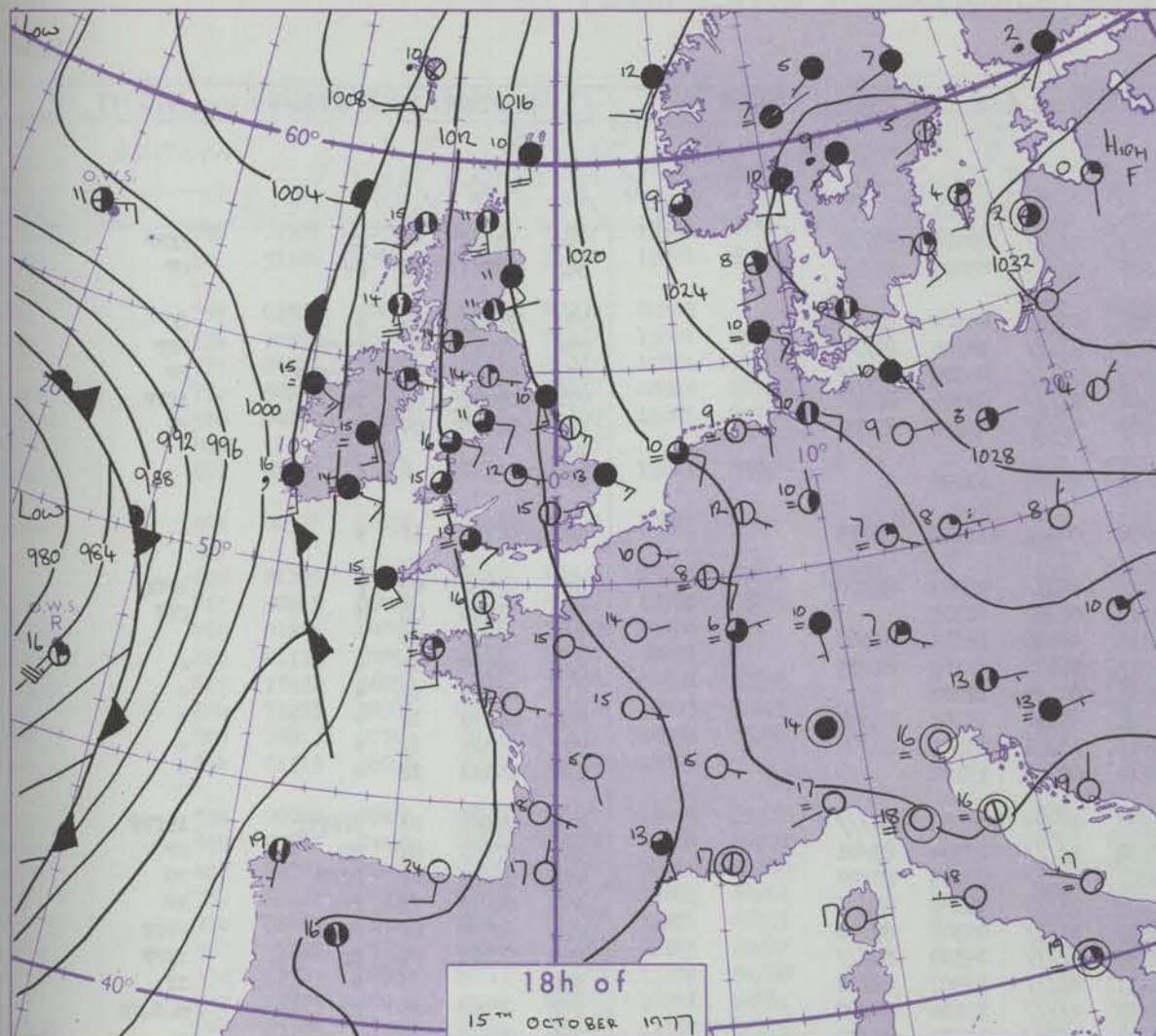
42332

Date of Issue SUNDAY 16 OCTOBER 1977

Code FM 11.V		OBSERVATIONS at 12h. 15 OCTOBER 1977										OBSERVATIONS at 18h. 15 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _{app}	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _{app}	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x E	SSs	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	31111	37054	15513	36300	12808	83707			746	31209	56050	14613	10931	11204	81365	83075		746	00171	049	FFf1f	+			
Hurn	862	51208	30054	15116	51400	13705	85812			862	31105	45051	14313	00901	13303	83075			862	00180	071	+	+			
Manston	797	71008	17281	18312	762//	11000	87703			797	11108	16101	17113	00901	12501	81075			797	00150	062	1f	+			
Gatwick	776	20607	30044	16914	26200	12805	81705			776	10806	57040	15814	00901	11302	81075			776	00191	058	f	+			
Kew	775	10606	25054	17315	00901	11804	81075			775	10705	35040	16214	00901	11305	81075			775	00181	060	+	1f			
Heathrow	772	20904	37054	17215	16401	12805	81710			772	10708	35050	16215	00901	12303	81075			772	00181	059	+	+			
Honington	586	51109	38054	18215	15401	11809	81616	85078		586	00806	25051	17711	00900	10302				586	00170	062	+	ff			
Wattisham	590									590									590							
Gorleston	497	81313	40052	19712	845//	10801	88620			497	81314	30052	18513	863//	11602	88708			497		000					
Aberporth	502	61523	62051	11317	10942	11802	81365	86075		502	61526	60051	09915	00902	12301	86075			502	00181	069	+	+			
Filton	628	31115	32055	15213	36400	11808	83710			628	70907	15111	14412	00902	11306	87075			628	97170	038	d.d. ff	+			
Rhoose	715	70715	26054	13713	762//	12810	83703	87704		715	50912	28051	13013	16431	11305	81712	85075		715	00150	018	+	+			
Hartland Point	703	31112	64050	10818	00905	13709	83275			703	30000	64051	11015	20938	12311	82360	83275		703	00180	088					
Mount Batten	827	11217	64050	11819	10931	14712	81365			827	61113	58051	12215	10932	12205	81365	86075		827	00190	090	+	+			
St Mawgan	817	31523	60050	10017	00904	12509	83075			817	21520	57051	10514	00902	12308	82075			817	00171	082	+	+			
Scilly	804	71319	56031	08815	15572	13804	81626	87075		804	81418	11102	08715	863//	14207	88708			804	00161	063	+	+			
Culdrose	809	21013	58050	11016	21502	13504	82820			809	11110	56050	10914	00901	13304	81074			809	00170	084	+	+			
Guernsey	894	11413	58050	13615	00902	12805	81080			894	11513	63020	13116	00902	12305	81080			894	00181	092	+	+			
Elmdon	534	81306	13284	16810	860//	10805	88701			534	21004	36111	15412	00902	11500	82072			534	00161	036	FFf1f	+			
Cardington	559	41308	50054	17616	00901	10807	84078			559	11005	40050	16712	00901	11305	81078			559	00181	063	FF	+			
Wittering	462	31108	26054	17915	36400	11809	83710			462	10907	30050	17014	00902	10302	81075			462	00180	054	f	+			
Watnall	354	21108	35054	17514	00901	11808	82075			354	10708	22050	16612	00901	10301	81075			354	00161	044	FFf	+			
Shawbury	414	81106	09444	16211	861//	10803	88702			414	30000	07464	15108	00902	08501	83075			414	00120	000	ff	1fFFff			
Finningley	360	41207	35054	17913	46400	10809	84710			360	70706	30051	16911	00904	09301	87080			360	00161	033	ff	f			
Spurn Point	396	81514	18104	19013	861//	11001	88702			396	11214	20051	17911	00901	10500	81075			396		+	+	+			
Leeming	257	81509	12284	18309	862//	09003	88703			257	71203	10404	17410	00901	09501	87075			257	00121	005	FFf	1ff			
Tynemouth	262	81710	04424	18410	862//	10802	88703			262	81618	39104	17511	35537	11804	83620	88275		262	00121	003	FFff	+			
Carlisle	222	51411	63021	14220	15742	09811	81650	85075		222	31207	60011	14414	10932	04105	81364			222	00211	070	+	+			
Valley	302	71907	81021	11719	10932	09708	81360	86075		302	61011	75012	11416	00902	10303	82070	86075		302	00210	072	+	+			
Ringway	334	11409	50041	15816	00901	11806	81075			334	21111	22041	15013	00902	11801	82075			334	00170	087	+	+			
Squires Gate	318	71518	59041	14117	10931	12814	81362	87077		318	61009	25042	14411	00902	09107	86072			318	00180	070	+	+			
Ronaldsway	204	70810	28041	13413	00902	11803	87075			204	21117	22041	12412	16238	11803	81704			204	00140	000	+	+			
Mull of Galloway	131	71618	60052	12215	364//	11505	83710	87360		131	71630	60052	10713	7097//	11708	84358	87465		131	00141						
Eskdalemuir	162	61409	65051	14318	00902	11811	86075			162	50000	60052	15511	10932	05210	81362	84075		162	00191	049	+	+			
Prestwick	135	71416	65042	13217	15732	05804	81656	87360		135	50807	65012	13014	10932	07002	81358	85075		135	00181	003	+	+			
Abbotsinch	140	60909	50054	13416	00902	11712	86072			140	50810	35052	13414	10932	12203	81362	85072		140	00161	023	1f	+			
Leuchars	171	60806	24054	15814	00901	11805	86075			</																

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure remained low to the west and high to the east of the British Isles, and a rather moist southerly airstream covered all districts. During the

next 24 hours little change is expected in the pressure distribution but slow-moving frontal troughs are expected over Ireland.

Issued at midday SUNDAY 16 OCTOBER 1977

No.	Code	St.
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No.	Code	St.
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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

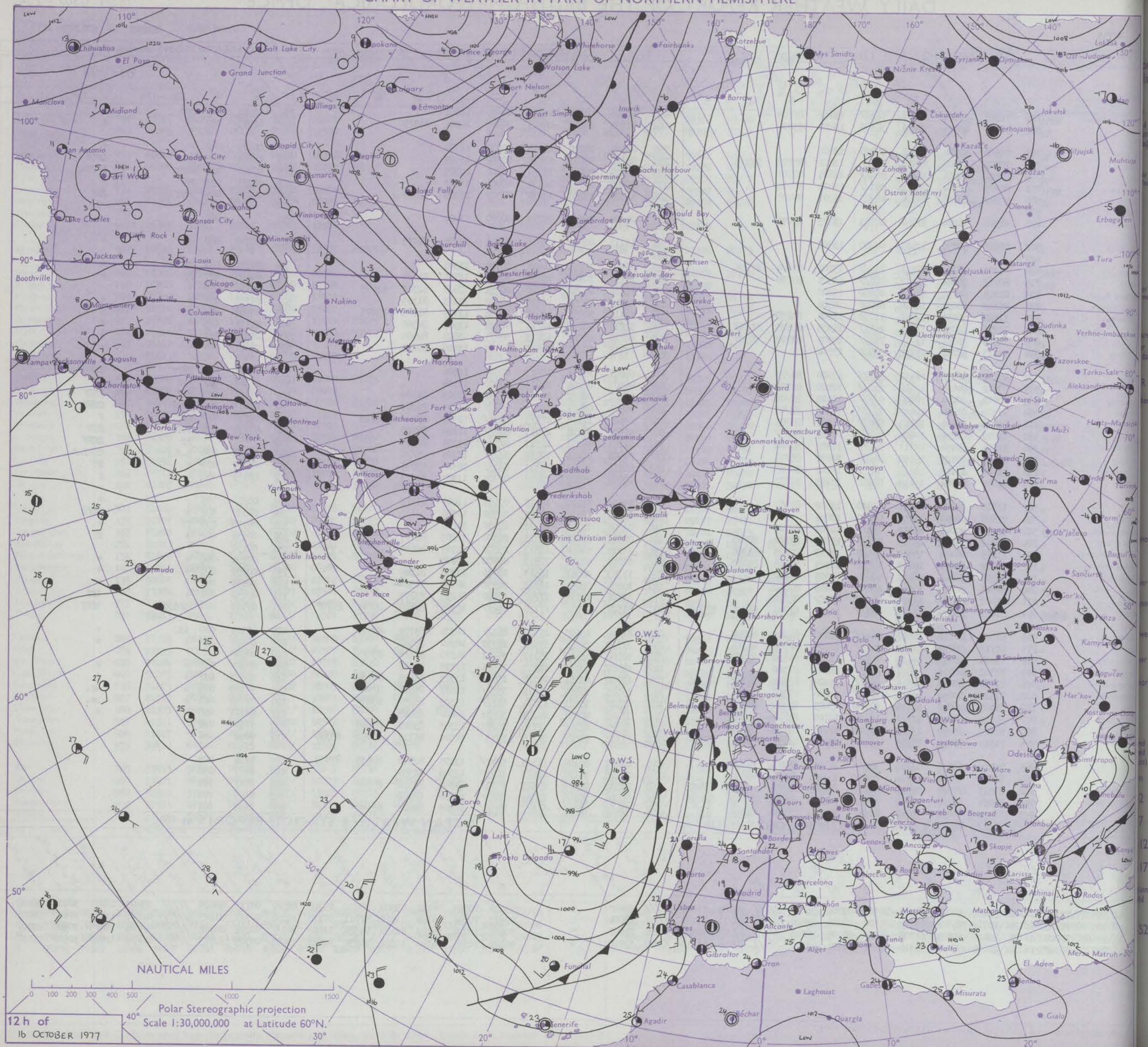
ISSN 0307-2541

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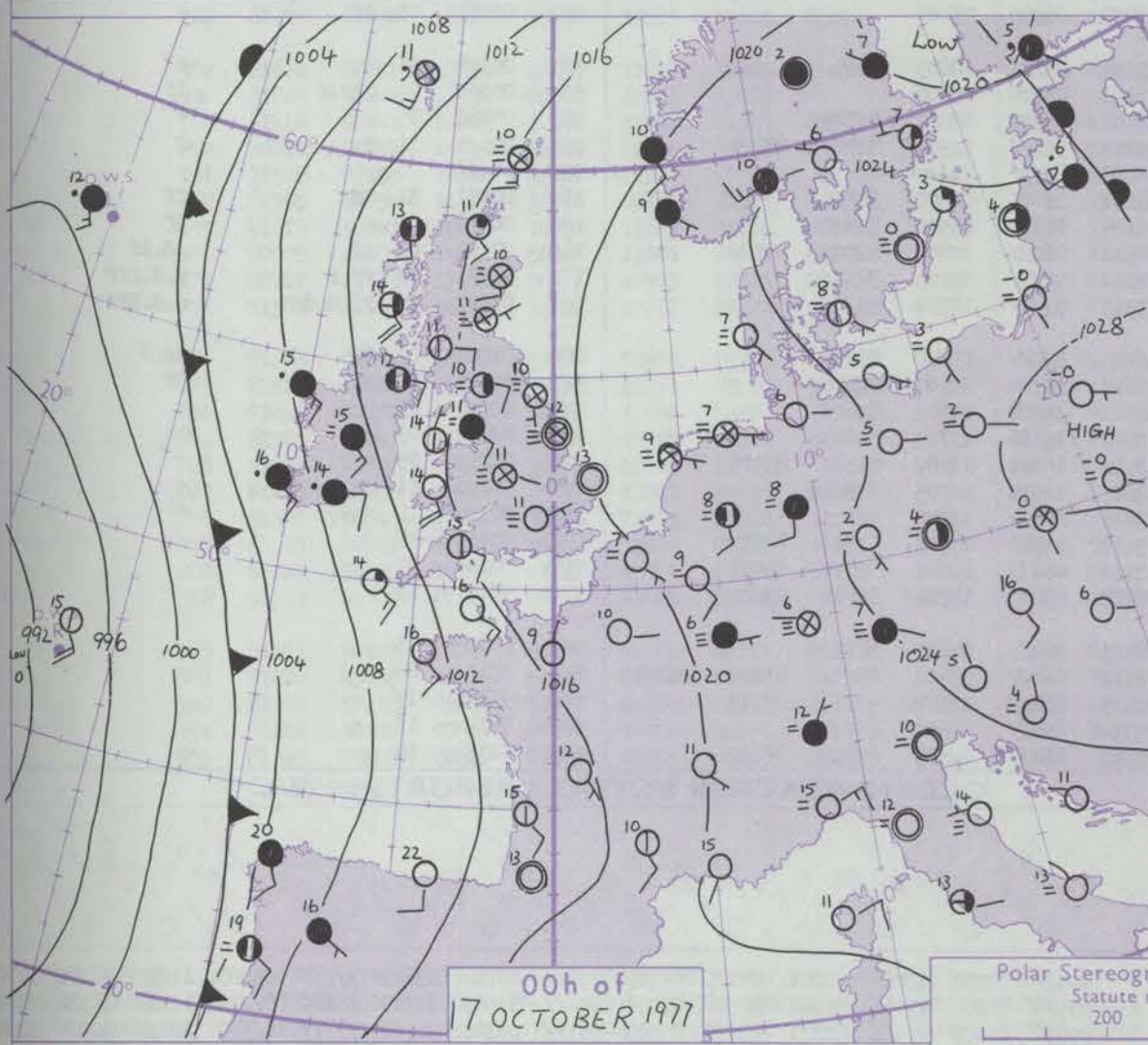
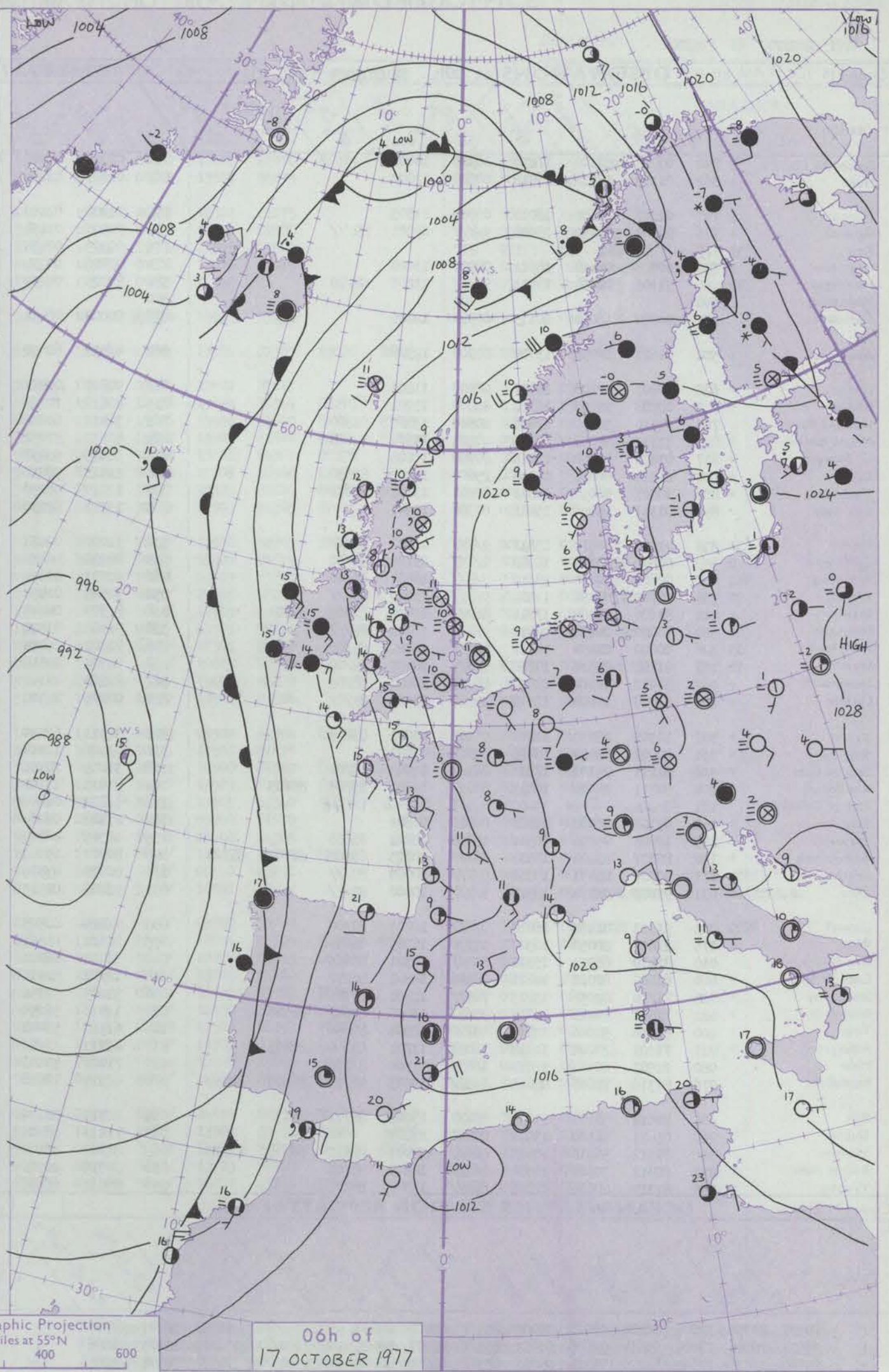
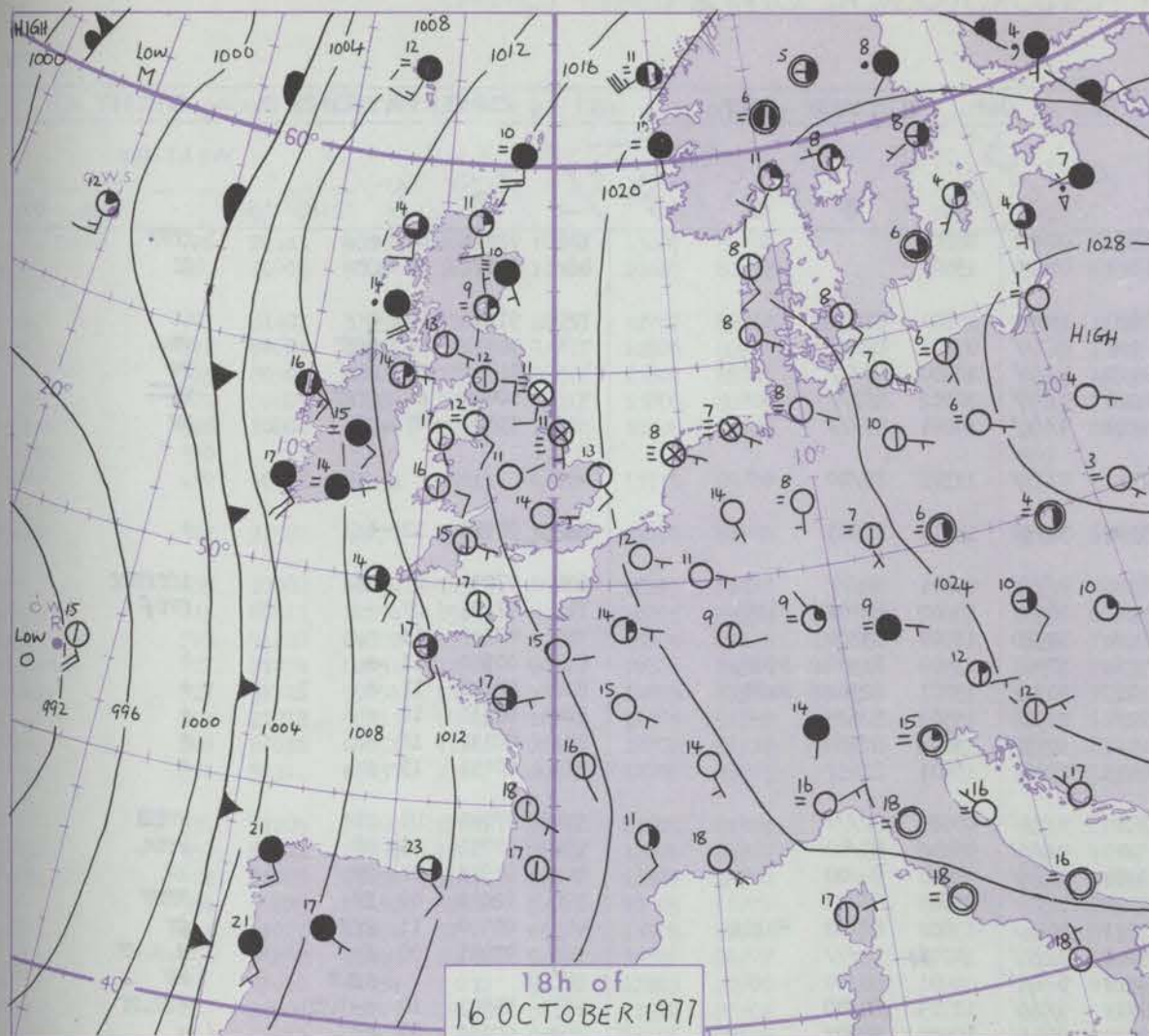
Date of Issue MONDAY 17 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		16 OCTOBER 1977										16 OCTOBER 1977														
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _M H	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _M H	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	RRT	T _h E	SSS	WEATHER		
																									09h.—15h.	15h.—21h.
09h.	Boscombe Down	746	71308	30104	17513	762//	13802	87703			746	00906	58051	16913	00900	11301					746	00181	049	FFF	+	
	Hurn	862	31106	45054	17016	36300	15801	83706			862	11105	35050	16415	00901	14301	81075				862	00191	059	ff	+	
	Manston	797	01506	50054	18917	00900	12802				797	01108	25050	18913	00900	11204				797	00170	092	+	+		
	Gatwick	776	70805	18104	18513	762//	13801	85703	87704		776	00704	08411	17814	00900	13303				776	00161	039	ff	ifff		
	Kew	775	80501	09424	18612	860//	12801	88701			775	00000	00464	17910	00900	10303				775	97181	035	FFff	ifffif		
	Heathrow	772	80903	10284	18712	860//	12802	88701			772	00906	16051	18114	00900	13303				772	00171	032	FFf	+		
	Honington	586	41002	20284	19214	46300	13201	84707			586	11104	23050	19014	00902	12305	81075			586	00190	044	FFff	ffF		
	Wattisham	590									590									590						
	Gorleston	497	51306	16284	19914	00901	13803	85075			497	01509	16051	19713	00900	12400				497		063				
	Aberporth	502	01518	60050	13819	00900	13805				502	11111	60050	13816	00901	13305	81075			502	00200	088	+	+		
	Filton	627									627									627						
	Rhoose	628	71109	25104	17213	762//	13802	83704	87706		628	00908	32051	16414	00900	13301				628	00170	036	ff	+		
	Hartland Point	715	80713	06424	16412	860//	12801	88700			715	10713	30864	15014	10930	13706	81360			715	00150	027	ff	+		
	Mount Batten	703	01215	64050	13018	00900	15400				703	31318	64050	12216	20931	12808	82360	83075		703	00190	090				
	St. Mawgan	827	01112	60051	14019	00900	14806				827	11113	56050	13816	10932	13303	81365			827	00190	075	+	+		
	Silly	817	11420	56050	12917	11600	14804	81830			817	31414	56050	12615	16202	13105	81705	83075		817	00184	073	+	+		
	Culdrose	804	71216	58031	12115	2557//	14303	82625	85358		804	51216	46012	10714	40932	13505	84360			804	00151	005	+	+		
	Guernsey	809	70813	20101	13115	761//	14504	83702	86704		809	40710	28101	12413	30971	13609	82360			809	00160	041	+	+		
		894	01313	58050	15217	00900	13804				894	11412	60030	14517	00902	13500	81075			894	00181	089	+	+		
	Elmdon	534	90902	06434	18411	9////	11000	89///			534	00601	10114	18011	00900	11304				534	97141	014	FFff	iffff		
	Cardington	559	80802	04424	19012	861//	12000	88702			559	00503	07464	18611	00900	11304				559	00161	047	FFf	ff		
	Wittering	462	90902	00474	19509	9////	09003	89/00			462	90302	00474	19111	9////	11303	89/00			462	97121	000	FFf	ffFF		
	Watnall	354	91102	01454	19410	9////	10003	89/01			354	90805	03474	19111	9////	11303	89/01			354	00111	000	FFff	ffFF		
	Shawbury	414	81405	06424	17911	860//	11801	88701			414	81602	12104	17513	861//	12102	83702	88703		414	00130	000	FFff	f		
	Finnigley	360	91202	01434	19409	9////	09103	89///			360	81502	09444	19011	860//	11204	88700			360	97111	000	FFf	ffF		
	Sour Point	396	91309	07454	19711	9////	11302	89/00			396	91703	00454	19511	9////	11304	89/00			396			ff	ffFF		
	Leeming	257	81709	09425	19110	860//	10001	88701			257	91806	01474	19010	9////	10103	89///			257	97101	000	d.d.d. ff	ffFd.d.		
	Tynemouth	262	81609	17102	19211	863//	11102	88708			262	81810	12102	19311	862//	10308	88703			262	00121	000	+	ff		
	Carlisle	222	22005	50041	16418	00902	13103	82072			222	10909	45040	16812	00901	11307	81075			222	00191	066	+	f		
	Valley	302	11510	82020	14521	10930	13802	81362			302	11602	75020	14417	00901	11400	81075			302	00230	095	+	+		
	Ringway	334	01806	40040	17917	00900	13001				334	02702	20110	17713	00900	12206				334	00180	082	+	ifff		
	Squires Gate	318	71410	20044	17213	762//	12206	87705			318	01208	17101	16912	00900	11208				318	00170	036	ff	+		
	Ronaldsway	204	80712	13042	15913	861//	12005	83702	88703		204	20611	18041	15513	26300	12705	82707			204	00131	000	+	ff		
	Mull of Galloway	131	71615	06424	15813	25538	12210	82625	83360	87275	131	21215	58054	15813	25600	12103	82630			131	00131					
	Eskdalemuir	162	41502	60051	16617	10932	11103	81365	83070		162	00000	40100	17810	00900	10208				162	00191	065	+	+		
	Prestwick	135	51208	58041	16016	40932	12003	84362			135	11303	40041	16513	10930											

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 over western Russia has persisted, and with the depression to southwest of Ireland moving only slowly southwards, the moist south or southeasterly airflow has been maintained over the British Isles. Little general change is

expected in the next 24 hours although a frontal trough is expected to move slowly east across Ireland.

Issued at midday MONDAY 17 OCTOBER 1977

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

Code FM 11.V OBSERVATIONS at 00h. 17 OCTOBER 1977										OBSERVATIONS at 06h. 17 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _M Ch _H	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwwW	PPPTT	N _h Ch _M Ch _H	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT _n E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	00910	50100	17410	00900	10001				746	00910	02460	16808	00900	08702				746	97081	07	+	ffff	
Hurn	862	01103	18110	16912	00900	12000				862	01105	12284	16313	00900	13500				862	00091	07	ff	ff	
Manston	797	01207	22100	18912	00900	11803				797	11206	07410	18610	15701	10801	81656			797	91101	07	+	1f	
Gatwick	776	90000	00454	18208	9////	08801	89///			776	90905	01454	18109	9////	09202	89///			776	92071	05	ffff	FFd.	
Kew	775									775	90803	00454	18110	9////	10400	89///			775	91051	00	FF	FF	
Heathrow	772	00503	06410	18511	00900	11000				772	90906	00434	18210	9////	10102	89///			772	00081	04	1ffff	FF	
Honington	586	91102	00454	19511	9////	11203	89/00			586	91003	00434	19210	9////	10201	89///			586	91090	07	FF	FF	
Wattisham	590									590									590					
Gorleston	497	00000	16050	20113	00900	12400				497	90000	00454	19711	9////	11302	89/00			497					
Aberporth	502	01621	60050	13914	00900	12308				502	41512	60050	13314	30932	13310	83363			502	00140	12	+	+	
Filton	628	00907	12100	16811	00900	11801				628	90807	01474	16310	9////	09801	89///			628	97090	07	1f	1fffff	
Rhoose	715	00708	30100	16212	00900	11001				715	40610	14100	15311	26131	10602	82702	83359		715	97101	09	+	ffff	
Hartland Point	703	21520	56020	12615	20940	13805	82360			703	31412	64020	12414	30930	13500	83360			703	00140	13			
Mount Batten	827	11111	57050	14415	00901	13104	81075			827	51112	57051	13314	10941	13500	81360	85075		827	00140	11	+	+	
St. Mawgan	817	01412	57050	13015	00900	13008				817	51415	58051	11915	20932	13701	82362	84075		817	00141	11	+	+	
Scilly	804	21214	50011	10714	25600	13802	82630			804	21313	56020	09714	25500	13302	82625			804	00131	12	+	+	
Culdrose	809	10807	56050	12813	00901	13101	81070			809	11010	56050	11514	10930	13601	81360			809	00131	12	+	+	
Guernsey	894	01313	65020	15416	00900	13101				894	11312	62030	14515	15802	13501	81657			894	00151	13	+	+	
Elmdon	534	91002	00474	18311	9////	11002	89///			534	91004	00474	17809	9////	09603	89///			534	97091	09	FFf	FFf	
Cardington	559	90602	00474	19009	9////	09104	89/00			559	90903	00434	18909	9////	09400	89/00			559	97051	09	FF	FFd.	
Wittering	462	90602	00454	19310	9////	10801	89/00			462	90703	00454	19408	9////	08500	89/00			462	97071	07	FF	FF	
Watnall	354	90705	01454	19211	9////	11000	89///			354	90605	01434	18809	9////	09603	89///			354	92091	09	FF	FFFF	
Shawbury	414	81106	04464	17911	860//	11801	82700	88701		414	81305	04444	17111	860//	11802	82700	88701		414	00110	11	ffff	ff	
Finningley	360	90000	00474	19511	9////	11103	89///			360	91104	01515	18610	9////	10704	89///			360	93091	09	FF	d.d.FF	
Spurn Point	396	90000	02454	19712	9////	12400	89/00			396	91307	00454	19310	9////	10001	89/00			396			ffff	FF	
Leeming	257	91708	05514	19710	9////	10103	89/00			257	91504	03514	18911	9////	11703	89/00			257	95091	10	d.d.ff	d.d.ff	
Tynemouth	262	81910	12104	19610	862//	10400	88703			262	81810	48102	19011	863//	10400	88707			262	00101	09	ff	+	
Carlisle	222	41008	10104	17210	46100	10103	84702			222	00905	26100	16607	00900	07400				222	00071	03	ff	+	
Valley	302	10305	68030	14814	00901	10001	81075			302	31311	62050	13814	25701	10603	82656			302	00120	07	+	+	
Ringway	334	00902	02424	18408	00900	08001				334	03406	12114	17808	00900	08706				334	00060	03	FFf1f	1f	
Squires Gate	318	81211	14101	17511	861//	11002	88702			318	31005	20101	16908	36200	08301	83705			318	00080	05	+	+	
Ronaldsway	204	80711	14044	16013	862//	11102	83703	88705		204	81016	17102	15412	862//	12304	82703	88704		204	00121	11	f	f	
Mull of Galloway	131	91420	05454	15112	9///	12502	89///			131	91521	05454	14412	9///	12603	89///			131	00111				
Eskdalemuir	162	03304	05460	18107	00900	07801				162	23402	06464	18104	26400	04400	82710			162	00031	51	ff	ff	
Prestwick	135	10908	45040	16311	15700	10801	81656			135	10305	40040	16108	00901	08500	81080			135	00071	03	+	ff	
Abbotsinch	140	80807	18101	17511	861//	10003	83702	88703	88704	140	80907	15105	16510	860//	10803	83701	88702		140	97101	09	1f	1d.1f	
Leuchars	171	90507	05431	18311	9////	10000	89///			171	90606	03514	17110	9////	10703	89///			171	92091	09	fd.f	d.d.fff	
Dyce	091	91709	02474	18310	9////	10400	89///			091	91608	04515	17310	9////	10704	89///			091	97091	09	ffFd.d.	d.d.Fff	
Lerwick	005	91813	01454	16410																				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

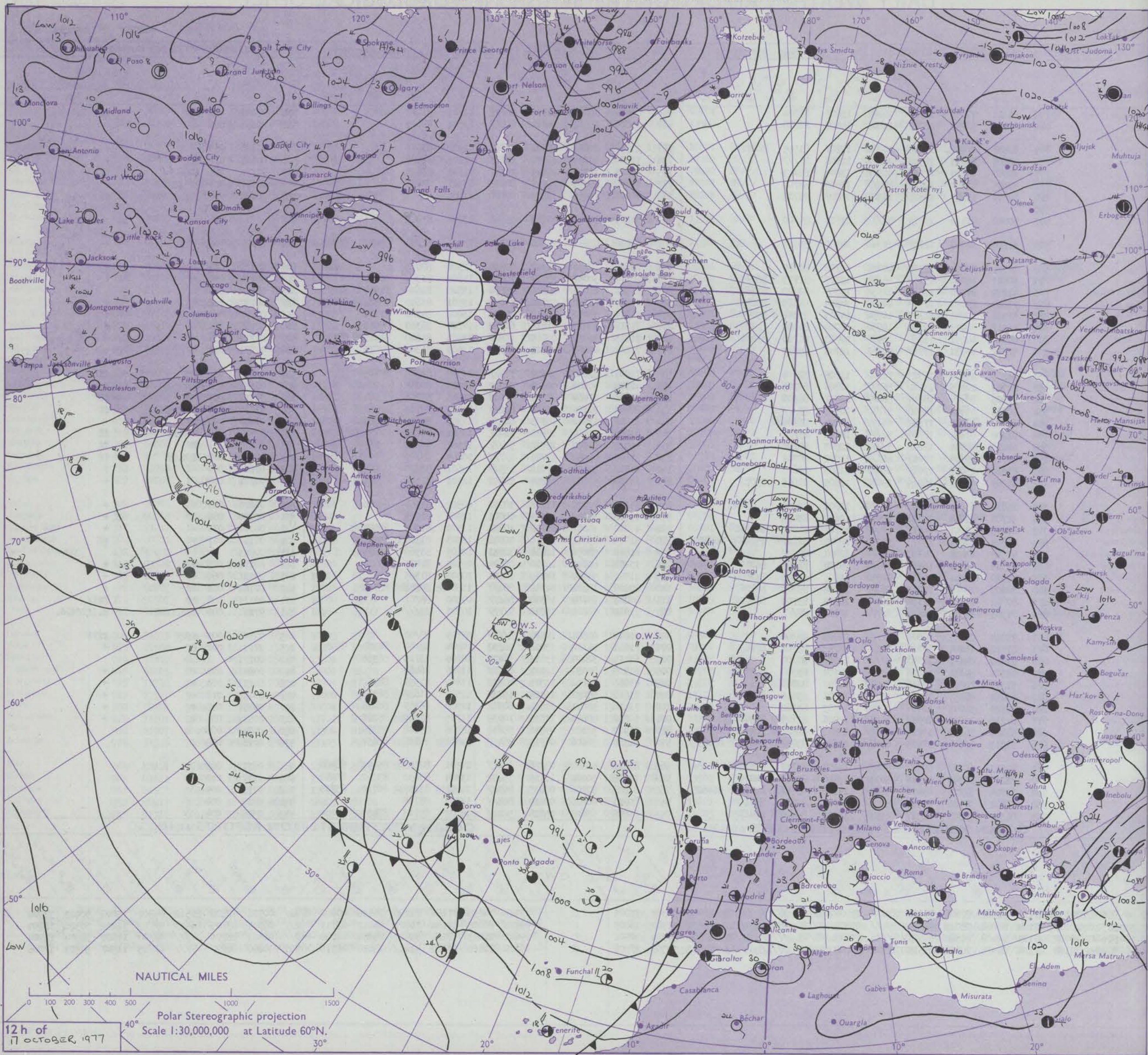
ISSN 0307-2541

No. 42334

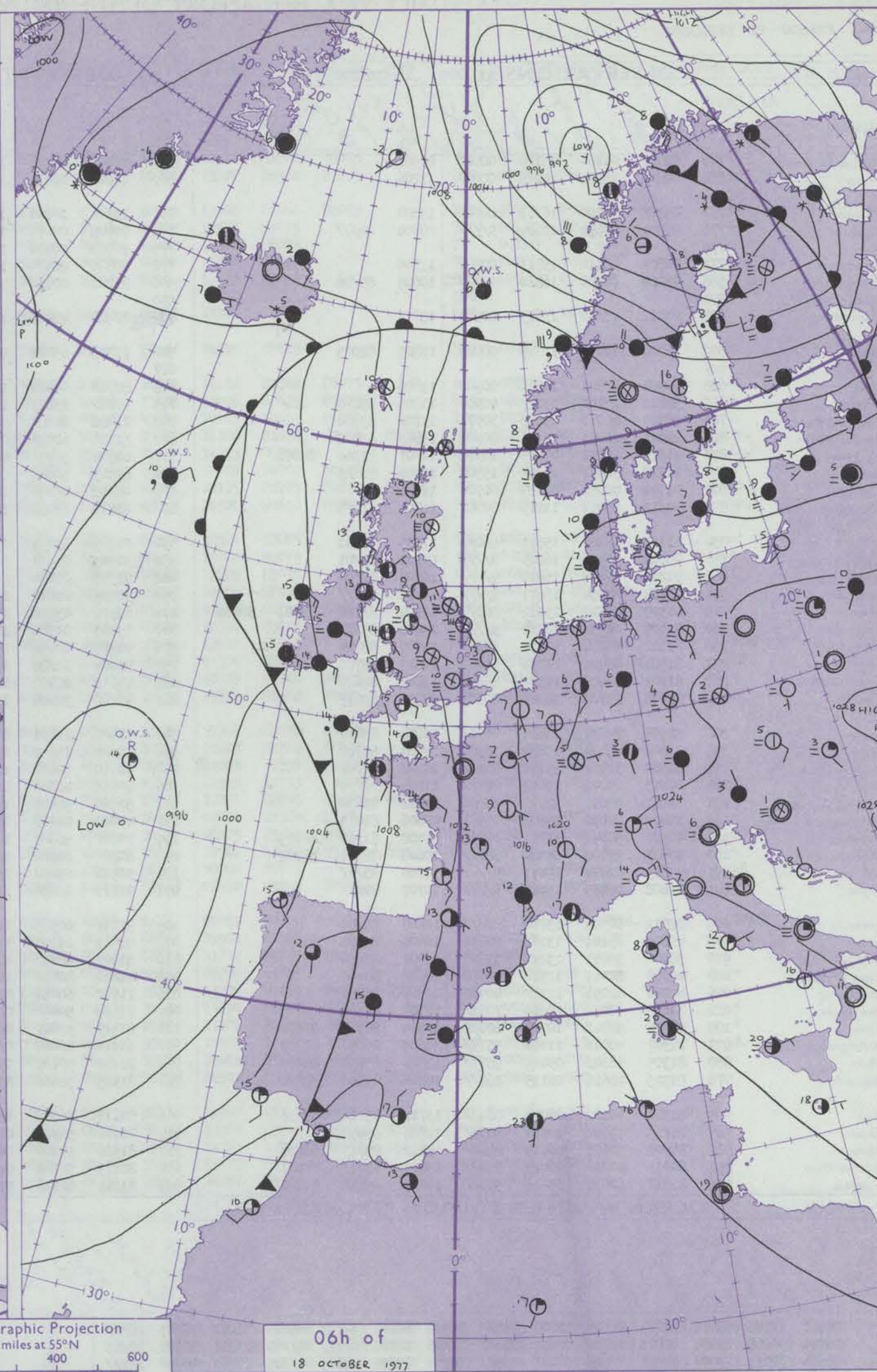
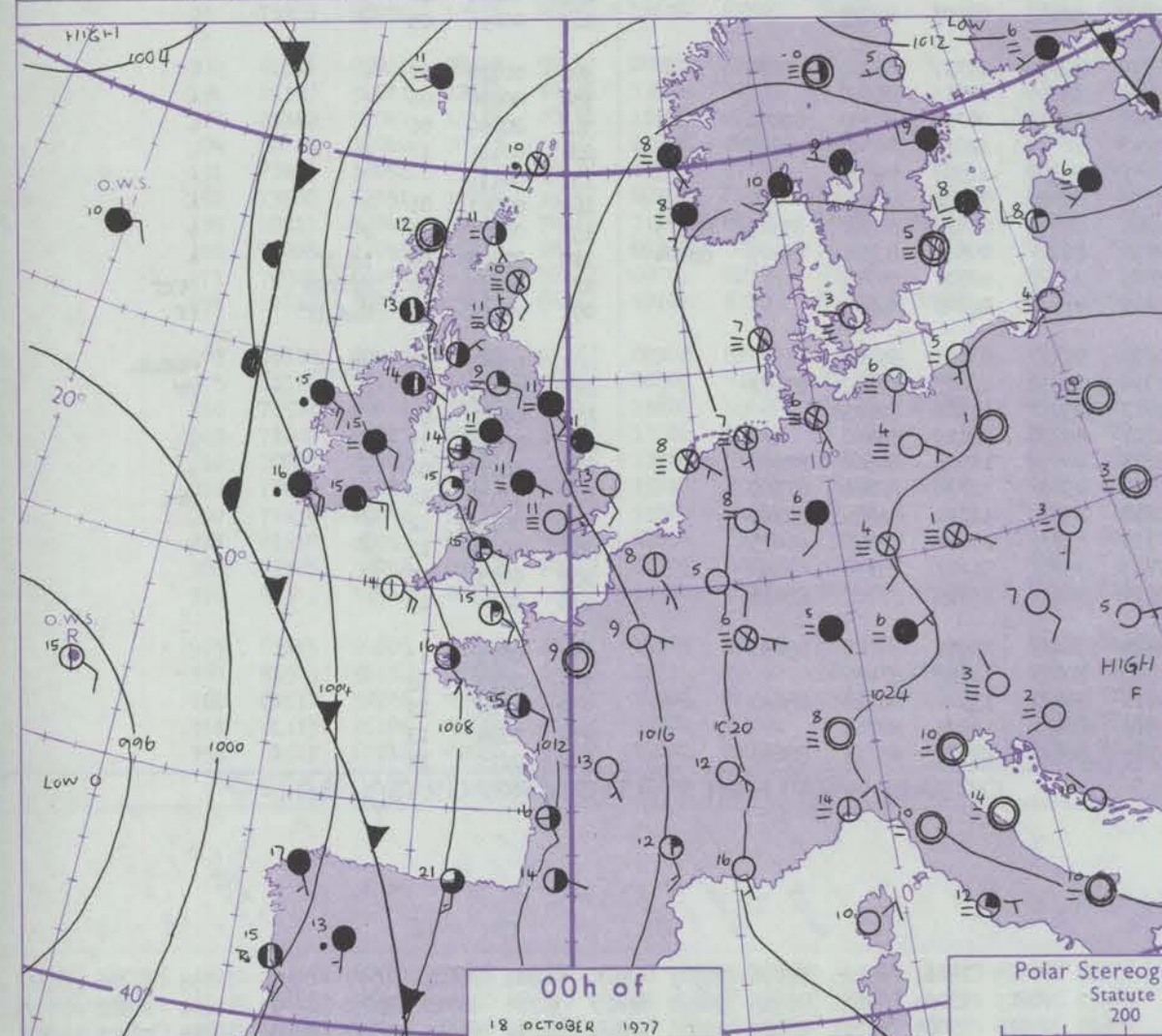
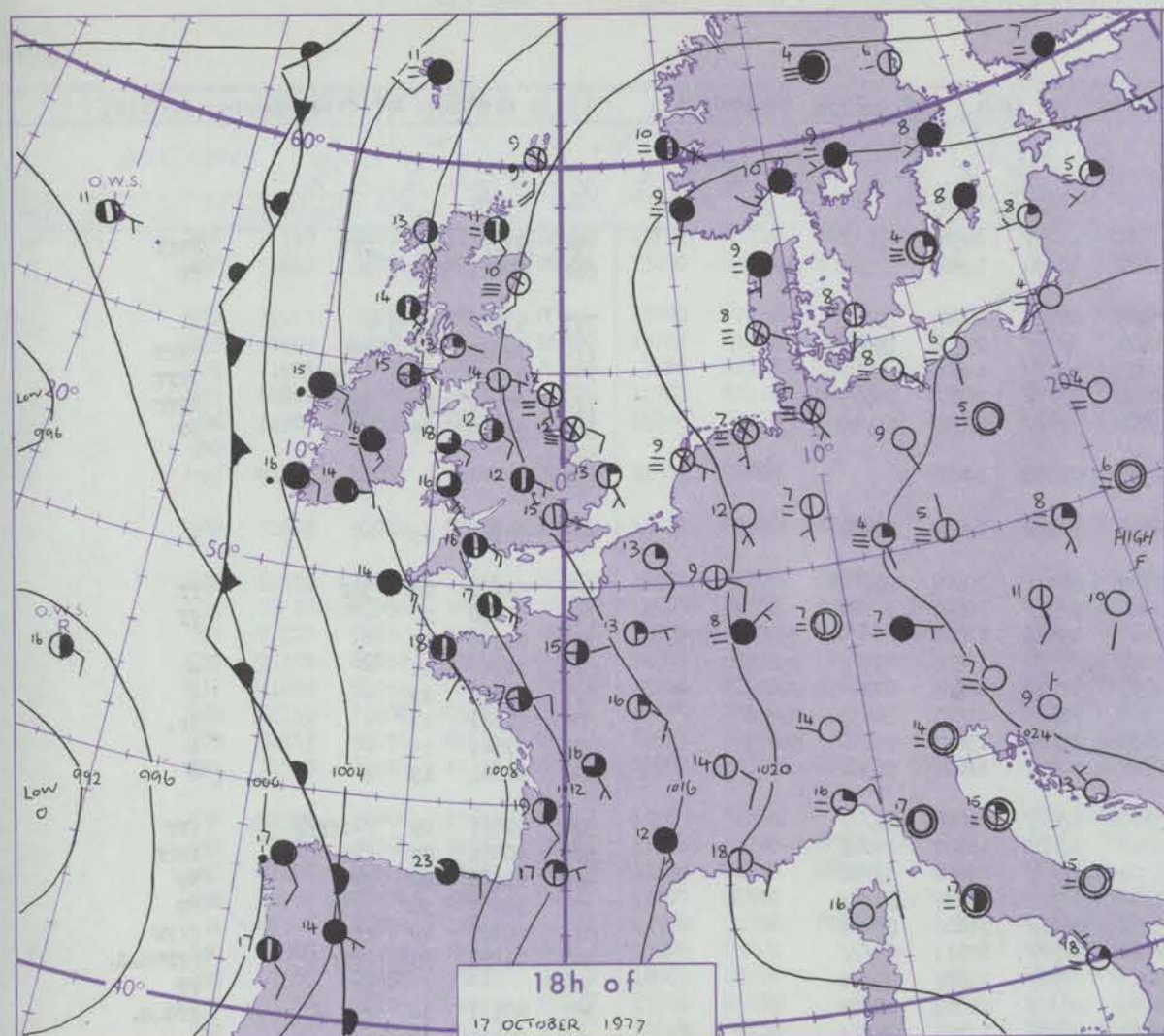
Date of Issue TUESDAY 18 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h. 17 OCTOBER 1977										OBSERVATIONS at 18h. 17 OCTOBER 1977										OBSERVATIONS during DAY					
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _M Ch _H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _M Ch _H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x T x F	SSS	WEATHER				
																								09h.—15h.		15h.—21h.	
9h.	Boscombe Down	746	21111	40054	16515	16202	13607	81704			746	60809	16051	14912	00902	11601	81070	86075			746	97181	059	FFF		ff	
	Hurn	862	10905	50054	16017	11401	14607	81818			862	61006	20051	14414	00901	13504	86075			862	00191	065	+		+		
	Manston	797	61407	37054	18015	10934	12707	81365	86072		797	11312	40051	16914	00901	12502	81075			797	00180	083	+		+		
	Gatwick	776	90605	08435	17512	9////	12806	89///			776	11005	38044	16114	00901	12301	81080			776	00161	021	FFF		+		
	Kew	775	80905	08424	17712	862//	11807	88703			775	10000	18124	16511	15501	11303	81625			775	97171	027	FFff		ff		
	Heathrow	772	80605	11284	18012	862//	11805	88704			772	11002	25051	16515	00901	13301	81075			772	00171	028	FF-ff		+		
	Honington	586	10802	23054	18515	16300	14808	81708			586	00905	15051	17513	00900	11302			586	00180	040	FFF		ff			
	Wattisham	590									590									590							
	Gorleston	497	90902	01454	19213	9////	13710	89/00			497	31505	32054	18413	36940	13602	83468			497		016					
	Aberporth	502	31520	62030	12919	30940	14000	83361			502	61416	63011	12016	20942	13501	82360	83070	86073	502	00200	064	+		+		
	Filton	628	10908	40054	16315	00901	12705	81080			628	70809	20051	14913	00902	12500	87078			628	00170	058	+		+		
	Rhoose	715	60811	14054	15113	26201	12705	82703	86075		715	60714	30051	13214	10938	13604	81364	86275		715	00170	030	ff		+		
	Hartland Point	703	41220	64020	11817	12531	15804	81820	83360		703	71320	66021	09916	15676	13506	81640	84360	87075	703	00190	043					
	Mount Batten	827	71014	62051	12518	40982	14809	84365	86075		827	71114	58052	11716	15652	13501	81640	86362	87075	827	00190	062	+		+		
	St. Mawgan	817	51316	59051	11717	10934	14803	81362	85075		817	71214	58052	10516	40978	13602	84360	87270		817	00181	044	+		+		
	Solly	804	21212	56011	09916	10932	14000	81360			804	81216	50051	07914	60972	14709	86360	88075		804	00161	034	+		+		
	Culdrose	809	60811	44051	11616	26408	14702	81710	85270		809	81113	36052	09915	15677	13803	81640	86363	88270	809	00170	038	+		+		
	Guernsey	894	51312	66031	13917	00902	12708	85075			894	71214	65022	12517	10932	11503	81365	87075		894	00191	064	+		+		
	Elmdon	534	71205	25104	17812	762//	11605	87704			534	71005	22041	16612	762//	11500	82703	87705		534	00151	024	FFF		fff		
	Cardington	559	81002	20285	18512	862//	12806	88703			559	41104	50101	16713	00902	13505	84075			559	00181	028	FFFf		f		
	Wittering	462	81005	03424	18811	860//	11807	88700			462	50206	07464	17312	56001	12505	85701			462	97131	001	FFF		FFF		
	Watnall	354	90805	01454	18810	9////	10805	89///			354	80805	20104	17611	862//	11505	88703			354	97121	000	FFFfe		ff		
	Shawbury	414	61007	12284	17312	662//	11804	86704			414	81108	13041	16113	862//	11303	84705	88706		414	00140	028	ff		+		
	Finningley	360	91202	01455	18910	9////	10802	89///			360	81002	13104	17611	861//	11501	88702			360	97121	000	d.FFFF		ff		
	Spurn Point	396	91410	04434	19212	9////	12803	89/00			396	91010	07454	18512	9////	12301	89/00			396			FF		ff		
	Leeming	257	81708	09445	19011	861//	11802	88701			257	91609	05454	17711	9////	10603	89/00			257	97121	000	d.d.fff		ff		
	Tynemouth	262	81810	23052	19012	854//	11606	88618			262	81812	39052	17612	855//	11601	88620			262	00121	000	+		+		
	Carlisle	222	61209	63031	16015	15632	12805	81645	85072		222	11107	57041	15014	10932	12501	81364			222	00201	068	+		+		
	Valley	302	21614	66051	13321	20930	11807	82364			302	61212	70021	12118	10932	09502	81364	86070		302	00220	063	+		+		
	Ringway	334	31708	58044	17018	00901	12609	83075			334	11306	30040	16313	00901	12501	81075			334	00180	086	ff		+		
	Squires Gate	318	61412	58041	16018	10948	13704	81365	86075		318	41210	30041	15212	10931	11500	81362	84075		318	00190	074	+		+		
	Ronaldsway	204	70814	20044	15013	56102	12705	81702	85703	86070	204	51015	25041	13514	10948	12503	81360	85273		204	00151	017	+		+		
	Mull of Galloway	131	91518	03454	14312	9////	12801	89///			131	61520	58054	12614	30931	12505	83360	86075		131	00141						
	Eskdalemuir	162	61303	60054	16515	10931	09704	81365	86075		162	13102	60011	16010	00901	09500	81075			162	00171	075	+		+		
	Prestwick	135	41610	58041	15616	10931	11605	81365	84080		135	21002															

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 400 miles west of northwest Spain has remained almost stationary whilst an anticyclone near the western Black Sea has moved very slowly south, maintaining a southerly airstream over western Europe and much of the British Isles. A depression near

Jan Mayen has moved to northern Scandinavia but its associated cold front has remained almost stationary off western Britain. Little change is expected to occur during the next 24 hours.

Issued at midday TUESDAY 18 OCTOBER 1977

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

OBSERVATIONS at 00h. 18 OCTOBER 1977										OBSERVATIONS at 06h. 18 OCTOBER 1977										OBSERVATIONS during NIGHT												
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER	
																															21h.—03h.	03h.—09h.
Boscombe Down	746	00907	01464	15109	00900	09502				746	90807	01474	12909	9////	09506	89/00				746	97091	07	fff					fff		FFff		
Hurn	862	00806	18101	14213	00900	12704				862	60803	06444	12412	30931	12603	83360	85075		862	00111	07	+							+		ff	
Manston	797	01308	35100	16711	00900	11804				797	21309	18100	15409	00902	09704	82075			797	97090	07	+							+			
Gatwick	776	90801	00454	15609	9////	09804	89///			776	90905	00454	14409	9////	09506	89///			776	94081	03	fff							+		FFff	
Kew	775									775	90903	00454	14411	9////	11806	89///			775	97041	00	fff							+		FFff	
Heathrow	772	00804	06410	15711	00900	11704				772	90805	02434	14410	9////	10706	89///			772	00071	04	fff							+		FFff	
Honington	586	91004	00474	16810	9////	10608	89/00			586	91002	00474	15409	9////	09707	89/00			586	91090	05	ff							+		FF	
Wattisham	590									590									590													
Gorleston	497	01412	48100	17613	00900	13711				497	01410	48100	16513	00900	12400			497														
Aberporth	502	21318	62051	11115	00902	12805	82075			502	71315	65021	09115	70971	12607	87361			502	00140	13	+							+			
Filton	627									627									627													
Rhoose	628	00904	13101	14511	00900	11606				628	80910	09444	12710	861//	10607	88702			628	00100	08	fff							+		ff	
Hartland Point	715	50711	25101	13312	00908	11806	85270			715	90712	03471	11311	9////	11607	89/01			715	97110	10	+							+		ff	
Mount Batten	703	31220	60011	09815	30971	13706	83360			703	71421	64021	06915	15776	12813	81650	85360	87075	703	00140	13								+			
St. Mawgan	827	21014	60051	11115	00901	13803	82075			827	51116	60051	09015	10931	13706	81362	85075		827	00140	11	+							+			
Scilly	817	41519	60051	09415	10972	12707	81360	84070		817	41518	59051	07515	20932	12604	82360	84075		817	00141	13	+							+			
Culdrose	804	11218	56021	06814	15500	13806	81625			804	81313	56606	05414	4562/	13501	84635	88460		804	97141	12	+							ir.			
Guernsey	809	01114	40051	09115	00900	12706				809	40706	45051	07414	15602	13605	81640	84075		809	97141	13	+							+			
	894	31312	65011	12215	00902	11804	83075			894	61413	63031	10814	60932	12601	86362			894	00141	13	+							+			
Elmdon	534	81103	18104	15511	860//	11805	88701			534	91105	01454	13909	9////	09608	89///			534	97091	09	f-ffff							+		FFf	
Cardington	559	90602	00454	16209	9////	09705	89/01			559	90905	01434	14810	9////	10807	89/02			559	00081	04	fff							+		FFff	
Wittering	462	91202	00454	16810	9////	10705	89/00			462	91303	00454	15508	9////	08604	89/00			462	93081	09	ff							+		FF	
Watnall	354	90904	04434	16611	9////	11705	89///			354	90805	01474	14909	9////	09707	89///			354	91081	10	ffff							+		FF	
Shawbury	414	81305	09442	15312	860//	12604	83700	86701	88702	414	81306	03464	13211	860//	11608	88700			414	00100	10	ff							+		ffFF	
Finningley	360	91105	02434	16712	9////	12608	89///			360	91103	01504	14710	9////	10611	89///			360	91091	09	FFff							+		ffFFd.d.	
Spurn Point	396	81102	56284	17211	862//	11709	88704			396	91507	00454	15411	9////	10607	89/00			396			ff							+		FF	
Leeming	257	81504	08424	17011	860//	11611	88701			257	81405	11285	14911	861//	11608	88702			257	97111	10	ffd.d.							+		ffd.d.	
Tynemouth	262	81707	32102	17211	855//	11809	88626			262	81612	23102	15411	864//	11709	88711			262	00111	10	+							+		+	
Carlisle	222	21008	25100	14909	00902	09503	82075			222	40807	30100	13009	00902	08507	84075			222	00091	05	+							+		+	
Valley	302	51108	70031	11614	00902	10608	85070			302	71505	70031	09714	50932	10711	85365	85070		302	00120	07	+							+		+	
Ringway	334	11602	08410	15810	16300	10704	81708			334	10908	15114	13309	15700	09713	81650			334	00090	06	f							+		+	
Squires Gate	318	81108	37101	15111	863//	10702	88708			318	31110	30101	12309	10982	09716	81359	83072		318	00090	06	+							+		+	
Ronaldsway	204	80713	25042	13612	862//	11705	88704			204	80614	20042	11213	861//	12615	81702	88704		204	00121	12	+							+		+	
Mull of Galloway	131	31421	58051	12412	35600	11802	83630			131	51520	58101	10612	55500	12808	85625			131	00111									+			
Eskdalemuir	162	13402	57050	15608	00901	07606	81075			162	40000	14100	14305	00902	04607	84075			162	00041	01	+							+		+	
Prestwick	135	40507	50041	13711	10931	09508	81365	84075		135	70607	56041	11809	30972	08810	81360	83365	87075	135	00071	04	+							+		+	
Abbotsinch	140	80807	17105	14410	860//	10608	82701																									

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

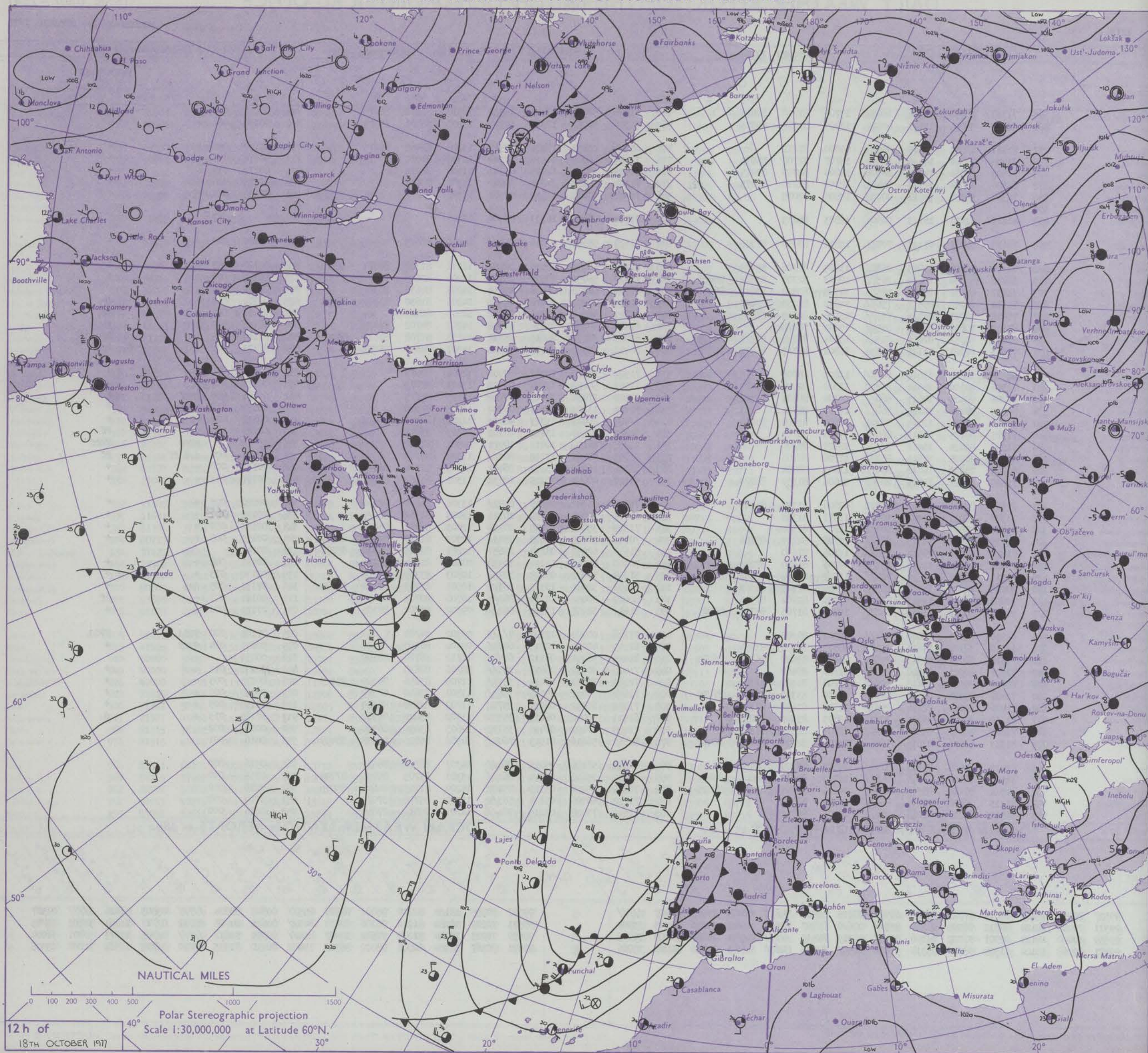
No. 42335

Date of Issue

WEDNESDAY 19 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h. 18 OCTOBER 1977										OBSERVATIONS at 18h. 18 OCTOBER 1977										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x T _E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Boscombe Down Hurn		746	71310	56054	12316	16432	13705	81710	86075		746	61306	58052	13113	15532	11310	81620	86075		746	00171	019	f	+		
		862	51611	58054	12517	00901	13400	81170	85075		862	71307	56052	12915	60971	13207	86361	85075		862	00180	064	+	+		
Manston Gatwick Kew Heathrow Honington Wattisham Gorleston		797	71511	48051	15515	00908	11000	87272			797	61510	43052	15514	20912	13108	82468	85075		797	00170	058	+	+		
		776	61409	42044	14116	16302	13707	81708	86075		776	71105	45042	14514	00902	12308	87075			776	00171	039	+	+		
		775	71505	35054	14215	26306	12806	82709	83275		775	61403	50052	14014	00902	11306	86075			775	00170	039	+	+		
		772	61006	45054	14114	16401	12708	81710	86075		772	71104	56052	14214	00902	11307	87075			772	00171	026	+	+		
		586	71307	50054	14717	00902	13808	87075			586	71307	30052	14813	00902	11108	87072			586	00180	044	FF	+		
		590									590										590					
		497	41510	32051	16113	00904	12803	84075			497	01714	48051	16113	00900	12206					497		063			
Aberporth		502	71625	59052	07117	70972	13812	83358	87359		502	71519	58052	09016	754//	14315	87615			502	00180	009	+	+		
Filton Rhoose Hartland Point Mount Batten St. Mawgan Scilly Culdrose Guernsey		628	61112	30054	11915	26302	13804	82706	85075		628	61406	56052	12015	10932	12112	81362	86075		628	00180	017	+	+		
		715	60716	33054	10614	26372	12803	82708	83362	86075	715	71212	56052	10815	25538	12206	82625	87275		715	00180	020	+	+		
		703	71817	64032	08318	5853/	14303	83820	83640	86360	703	61714	64012	08416	45671	14205	84635	86360		703	97182	014				
		827	71314	60052	09517	7563/	14802	81630	87650		827	81514	45052	10016	15687	14206	81630	83360	88275	827	92171	018	+	ir.		
		817	71618	58051	08315	753//	13206	82709	87611		817	71713	50056	09016	763//	14213	86709			817	97161	000	+	ir.		
		804	81714	29606	06315	855//	15205	88625			804	61414	20106	07314	66102	14209	84702	84075		804	94161	012	ir.	+		
		809	81413	50051	07615	853//	13501	82708	83712	88618	809	81407	30052	08615	45331	14115	81708	84625	86359	809	97161	005	+	ir.		
		894	71513	62021	11115	10938	12802	81365	85272	85075	894	61413	62012	11716	45732	14307	84650	85075		894	97171	022	+	ir.		
Elmdon Cardington Wittering Watnall Shawbury Finningley Spurn Point Leeming Tynemouth Carlisle		534	81308	28044	13612	862//	11803	88705		534	71504	30042	12513	00902	12304	87075			534	00141	008	ff	+			
		559	71506	30104	14514	26302	13804	82708	87075		559	71511	50052	13814	00902	13103	87075			559	00171	012	ff	+		
		462	81206	09424	14611	860//	11808	86701	88702		462	51505	17054	14013	00902	12105	85075			462	00161	006	FFff	f		
		354	80905	07424	14211	860//	11807	88701			354	71105	18104	13513	00902	12303	87070			354	00151	018	FFff	+		
		414	81306	34044	12514	36301	11708	81708	83710		414	71408	20041	11913	46402	12204	84710	86075		414	00150	024	ff	+		
		360	81305	09425	14511	860//	11806	88701			360	30802	07464	13611	00902	10303	83075			360	00131	000	FF	FF		
		396	91509	03434	15212	9//	12000	89/00			396	21208	18104	14012	10971	12501	81360			396		FFff	FFff	FFff		
		257	81610	20105	14511	862//	11706	88703			257	81705	09444	13712	862//	11304	88705			257	97121	000	d.d.ff	ff		
		262	81908	23052	14412	864//	11603	88714			262	61916	16052	13111	26401	10603	82714	86075		262	00131	000	+	+		
		222	71010	60021	12015	20982	12606	81359	86073		222	51510	40041	10215	10932	11301	81362	85075		222	00191	062	+	+		
Valley Ringway Squires Gate Ronaldsway Mull of Galloway Eskdalemuir Prestwick Abbotsinch Leuchars Dyce		302	61514	80022	08222	50972	09806	81359	84362		302	71814	61052	08817	6557/	13306	86620	87360		302	00220	025	+	+		
		334	21308	57011	12217	10931	11811	81358			334	61105	35041	11814	10941	12005	81362	86075		334	00190	008	+	+		
		318	21412	57041	11517	20931	13707	82364			318	71315	35041	10515	20931	12003	82359	86080		318	00180	059	+	+		
		204	80715	19042	10113	862//	12706	84705	88706		204	70711	30042	09213	4543/	12303	81713	84640	87359	204	00151	009	+	+		
		131	71418	58052	09514	756//	11706	87630			131	81518	62052	08214	25637	12201	82645	85360	88270	131	00141					
		162	73502	62051	12214	15738	09706	81650	87272		162	70000	65011	11111	10938	08501	81364	87272		162	00181	048	+	+		
		135	70311	57042	10515	7097/	11709	81359	83362	87465	135	51208	58042	09014	30931	10803	83360	83075		135	00190	013	+	+		
		140	70908	38046	11812	2637/	09806	82708	86362		140	71107	32041	10112	26332	10501	82708	83362	86075	140	97131	005	ir.	+		
		171	70908	45054	13011	762//	09704	82704	87706		171	80609	20													

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 fog or
other data.

OTHER
Weather

izzle

and
rizzle

and snow

show

and snow

show

show

show

understorm

WIND

Wind
speed
(knots)

Calm

1-2

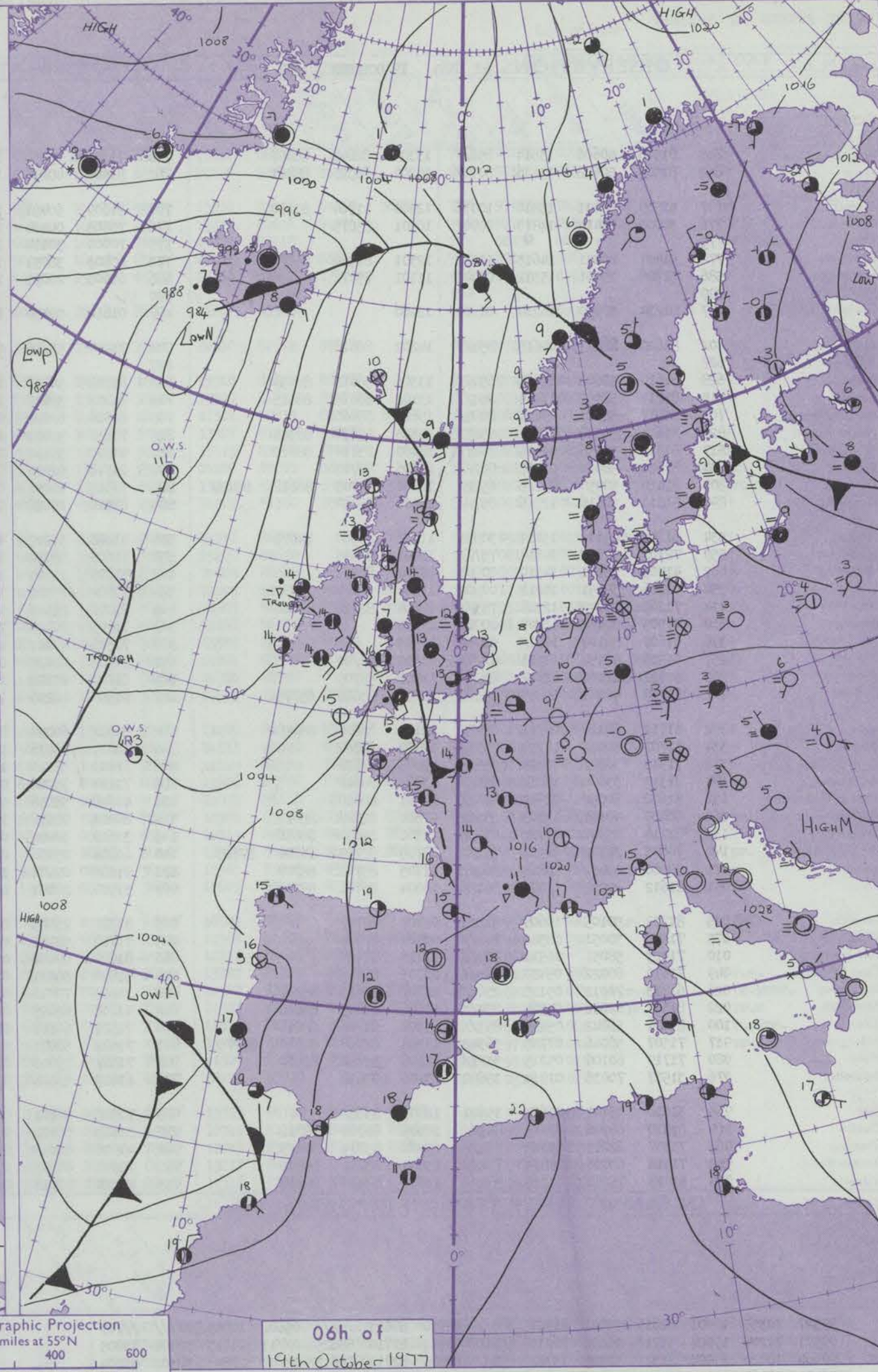
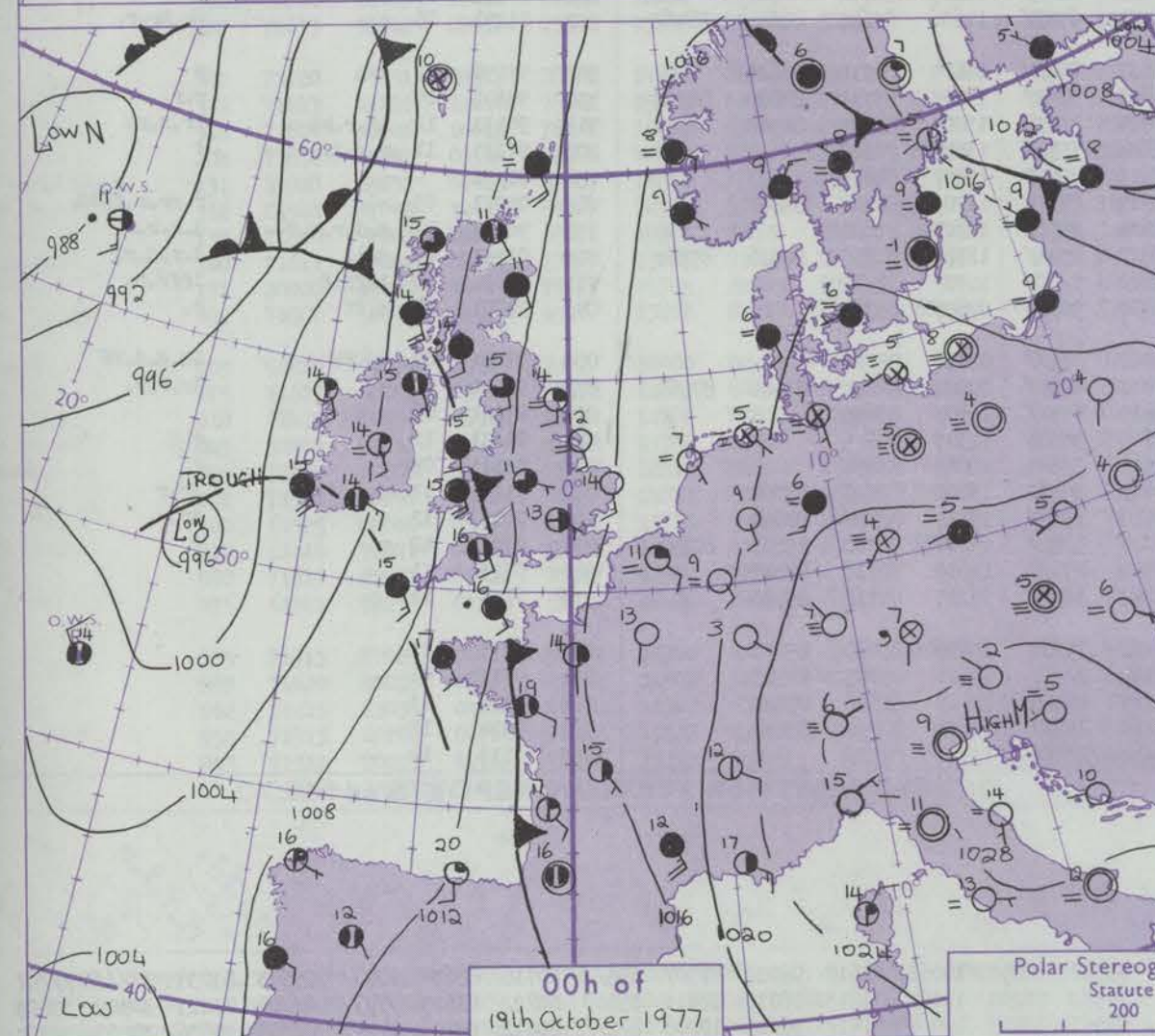
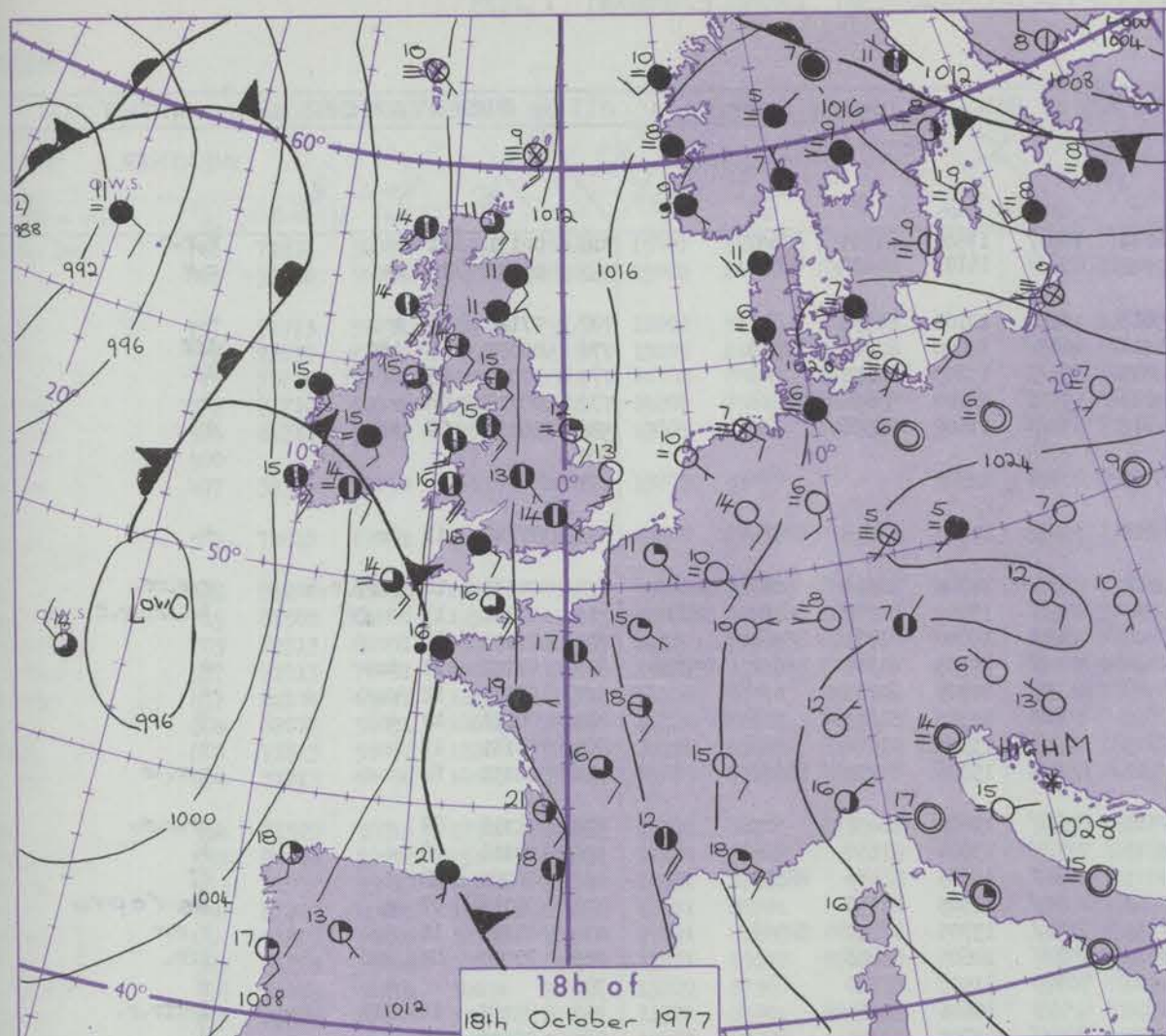
3-7

8-12

13-17

For additional
weather 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

During the past 24 hours the anticyclone over the western Black Sea drifted south with a new centre forming over the northern Adriatic. A low west of Sea area Finisterre moved slowly north to merge with a further low centre west of Rockall. An associated cold front moved north across Ireland and southwest Britain. During the next 24 hours the depression west of

Rockall is expected to move north and deepen, while the anticyclone over the Adriatic will move away to the southeast. The cold front over western Britain will continue moving northeast to clear the British Isles. A further frontal trough will move north into southwestern England.

Issued at midday WEDNESDAY 19 OCTOBER 1977

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

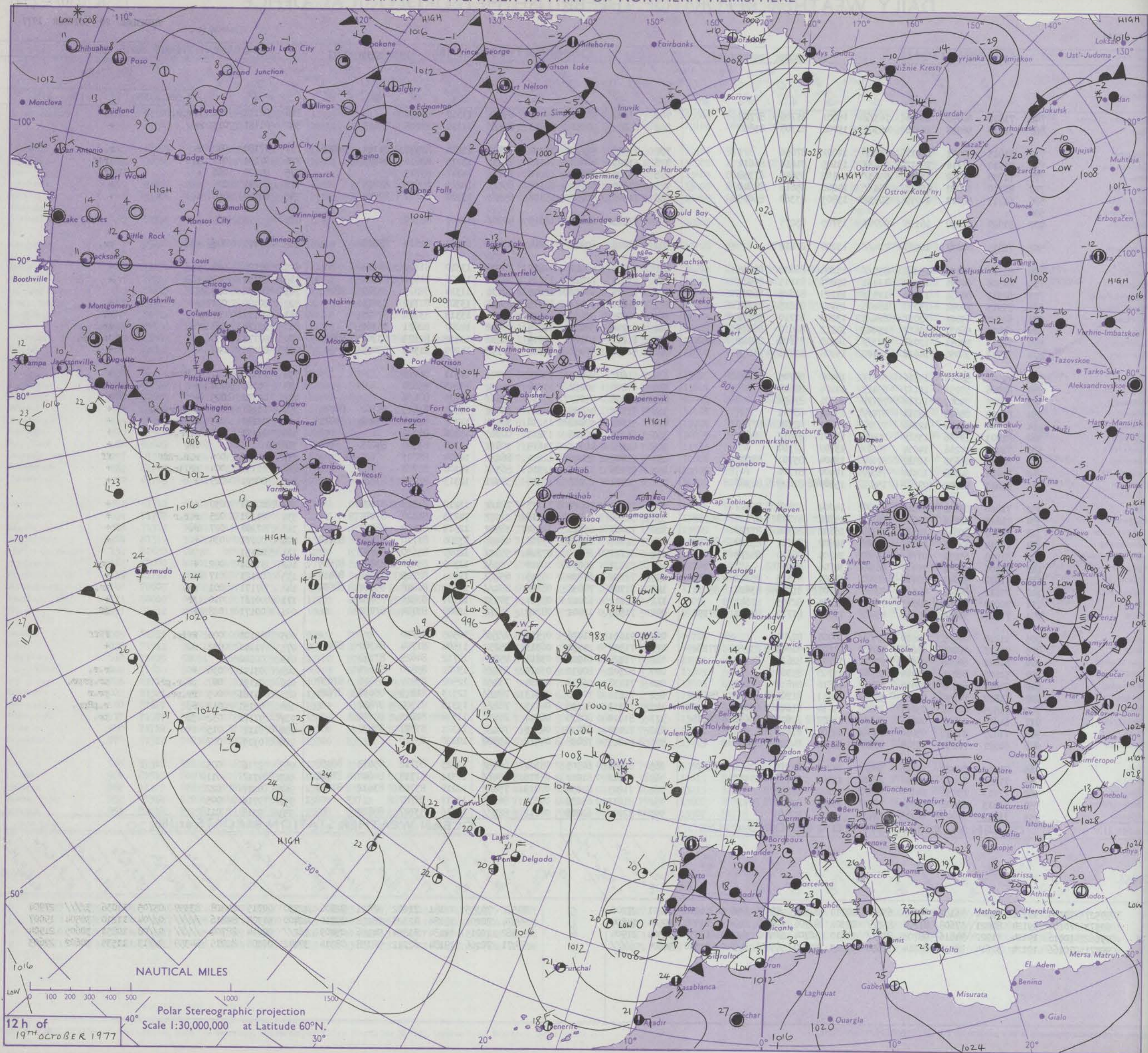
ISSN 0307-2541

Date of Issue THURSDAY 20 OCTOBER 1977

No. 42336

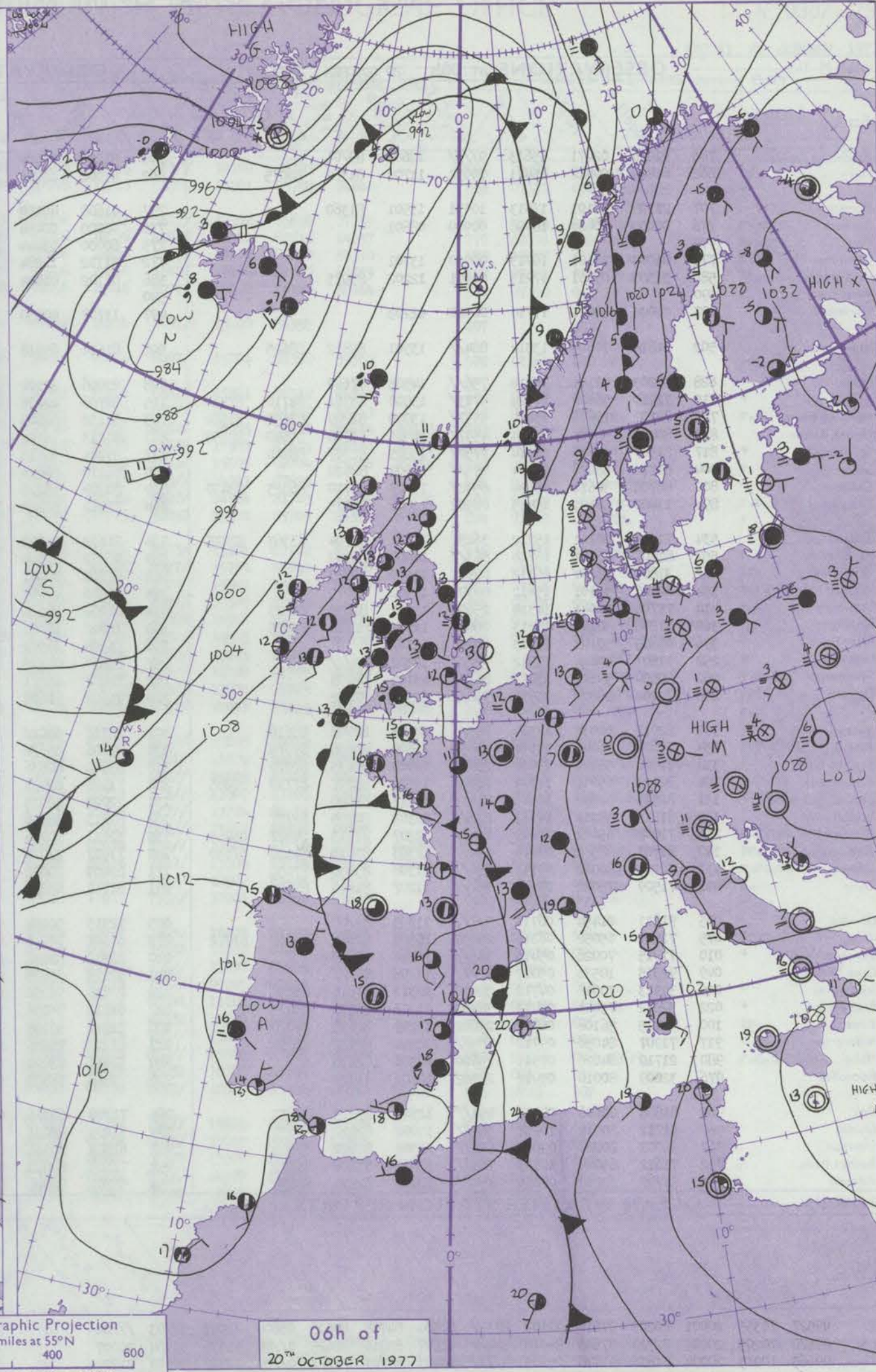
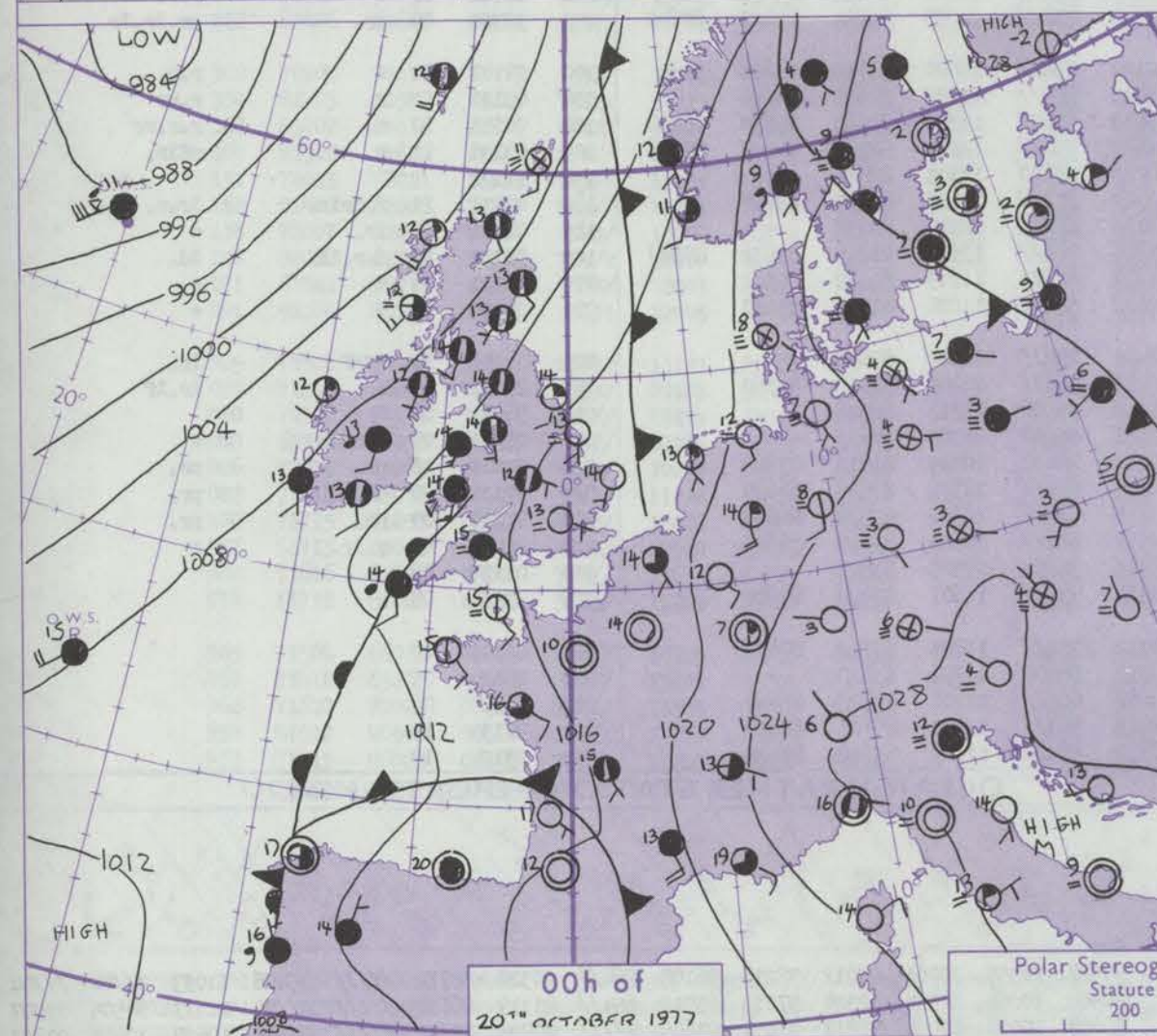
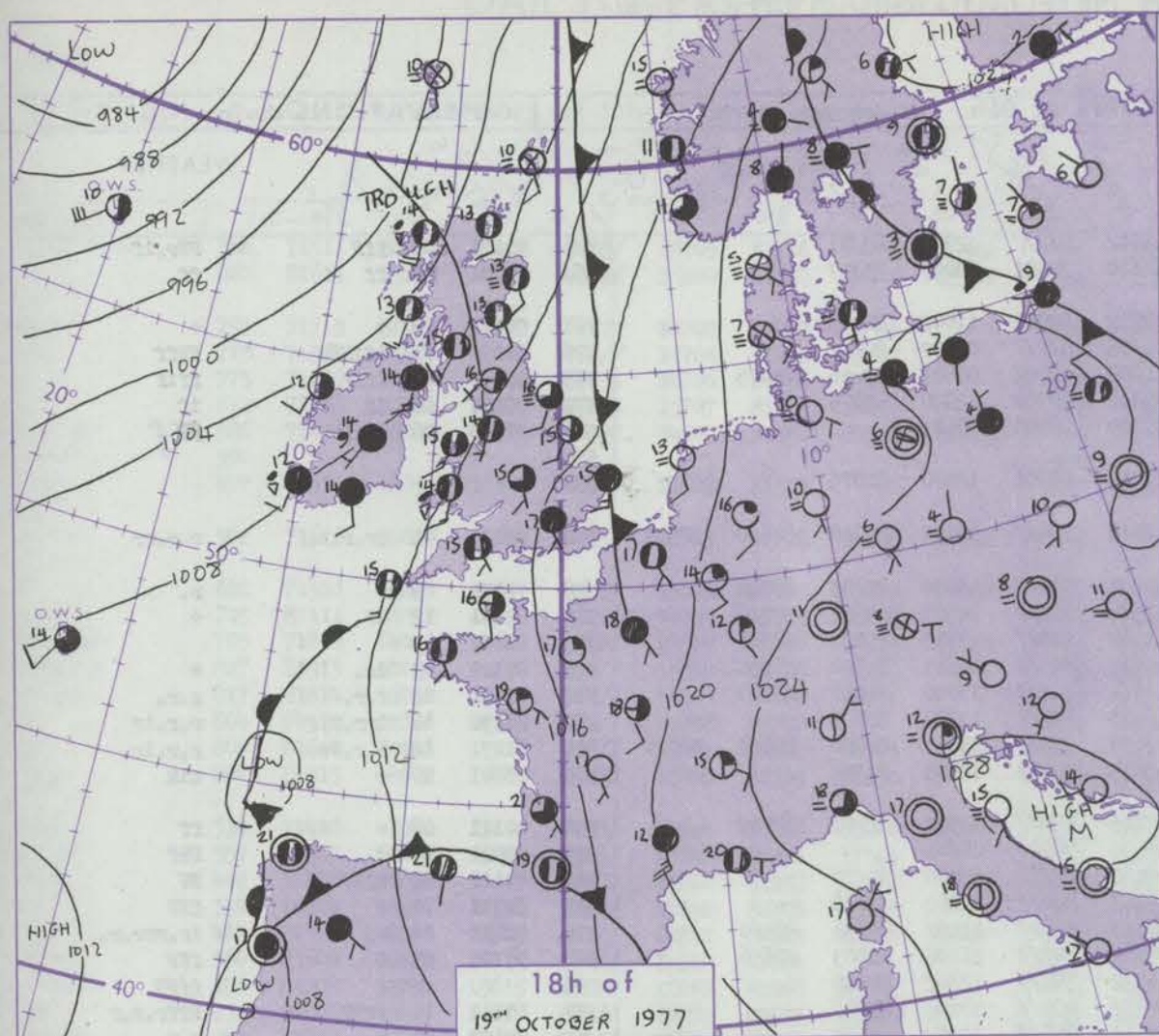
OBSERVATIONS at 12h. 19 OCTOBER 1977										OBSERVATIONS at 18h. 19 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT ₊ X ₊ F	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	71814	56056	14016	763//	15001	85706	87708		746	71604	58052	15415	654/1	13310	86614			746	02171	002	rRr.r.	+	
Hurn	862	51910	56056	14216	48301	15002	81708	83850		862	61805	50051	15616	653//	14310	83708	85615		862	01181	013	rr.	+	
Manston	797	71913	59031	16417	757//	12002	87656			797	71908	58212	17215	50972	13210	82358	84360	86073	797	97180	042	+	r.	
Gatwick	776	71910	57214	15517	6543/	13105	81616	86619		776	51903	40042	16515	25431	13215	82616	84075		776	97191	019	d.	if	
Kew	775	71708	50052	15018	5563/	14102	85640	87358		775	71705	60032	16217	764//	14317	87715			775	00190	006	+	if	
Heathrow	772	81710	50052	15417	854//	14206	85618	88640		772	81604	50052	16117	854//	15215	85615	88618		772	00191	006	+	+	
Honington	586	61711	56012	14919	30932	13803	83360	86075		586	71507	42052	15916	655/2	13310	86622	87075		586	00200	050	+	+	
Wattisham	590									590										590				
Gorleston	497	31920	40050	16115	00901	13703	83075			497	81815	60021	16615	8097/	12207	88360			497		069			
Aberporth	502	71819	67031	10516	724//	13208	87818			502	71816	62808	12214	784/2	14310	82812	87818		502	97171	045	+	pr.	
Filton	628	81907	61036	13217	855//	15204	86620	88635		628	71805	63012	14615	18508	13310	81820	86278		628	97181	018	r.	+	
Rhoose	715	61508	64016	12517	11431	15004	81815	86075		715	51512	72012	13615	18441	13309	81816	85075		715	00181	042	+	+	
Hartland Point	703	62313	80031	11016	12536	14109	81825	86075		703	72415	69022	12615	22431	11314	82815	83360	86075	703	00170	083			
Mount Batten	827	71913	70031	13018	18406	15109	81815	87275		827	41611	60011	14315	15432	13307	81710	83075		827	00190	072	+	+	
St. Mawgan	817	62114	65021	12017	624/1	13208	81710	85817		817	71907	57052	13614	36371	13313	83708	87075		817	97171	067	+	r.	
Silly	804	62017	56031	10617	25402	14212	82617	86075		804	71914	58022	11915	25532	14209	82621	86360		804	92171	068	+	ir.	
Culdrose	809	71813	58051	12016	783//	14210	81806	83812	87618	809	61707	40102	13614	26232	13212	82703	83360	86070	809	92171	038	+	ir.r.r.	
Guernsey	894	71713	57056	14616	36402	15208	83711	86075		894	51710	57052	15316	10932	14209	81360	85075		894	00171	042	+	+	
Elmdon	534	71509	50216	13316	6727/	15400	86705	87360		534	61607	59042	13815	00902	14311	86075			534	05171	021	r.RRr.	+	
Cardington	559	82006	59052	15117	854//	14104	88618			559	61805	56052	15717	55532	15209	85620			559	00181	004	+	+	
Wittering	462	71907	35045	14716	757//	14301	87650			462	81606	45052	15216	855//	14205	88624			462	00172	005	+	+	
Watnall	354	81702	08618	13814	870//	13001	88701			354	71707	45106	14315	35532	14305	83625	84362	86075	354	11161	001	prpr.r.rRf	+	
Shawbury	414	71809	56256	12316	773//	15001	82708	87710		414	51809	59042	13116	38501	14308	81820	83630	85075	414	95181	015	r.r.pr.	+	
Finningley	360	81803	19606	13515	854//	13801	83617	88623		360	61104	30106	13813	00902	13306	86075			360	01171	002	r.r.	+	
Spurn Point	396	71409	17216	14014	7097/	13709	87360			396	41908	40011	14615	30971	13308	83360	84075		396			ir.	+	
Leeming	257	81508	07636	12812	870//	12804	85701	88702		257	81407	08426	12614	862//	14304	88703			257	03151	000	r.r.rRff	ff	
Tynemouth	262	81814	24608	12414	7637/	12400	87706			262	81906	13106	12314	863//	14306	88708			262	01151	004	pr.ir.pr	+	
Carlisle	222	71613	58042	09617	15571	15809	81625	86362		222	52404	60014	10816	38441	12313	81717	83073		222	00201	029	+	+	
Valley	302	71920	65031	09517	784/2	14004	82816	86622		302	71917	70022	11115	784/2	13210	81818	87624		302	00180	039	+	+	
Ringway	334	71813	42216	12017	7638/	15702	81708	87710	86359	334	31806	56041	12916	11542	14213	81820	83075		334	01181	025	r.r.r	+	
Squires Gate	318	71609	30046	10917	763//	16802	82706	87709		318	72007	65021	11814	38502	12315	82822	86072		318	97201	027	r.	+	
Ronaldsway	204	71814	62041	09116	51406	14802	81712	85819	86275	204	82017	61012	09914	48437	13206	81710	83628	88270	204	00171	034	+	+	
Mull of Galloway	131	81928	65031	07715	65507	14804	86620	88272		131	82137	66022	07214	5552/	12009	85620	88460		131	00151				
Eskdalemuir	162	81506	57056	10115	863//	14706	88708			162	71821	60058	10414	784//	12309	85710	83822	87635	162	91161	002	+	pr.	
Prestwick	135	71510	57041	08416	684/1	14804	81818	85823	86075	135	72014	68032	08515	654/2	12311	82715	84620	86630	135	00181	01			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



- Station Symbols**
- Cloud Amount (oktas)**
- 0
1 or less
2
3
4
5
6
7 or more
8
- Obscured (fog or heavy rain)**
- Other Symbols**
- Weather**
- Wind**
- Wind speed (knots)
- Calm
1-2
3-7
8-12
13-17
for additional higher add 5
- 48-52

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 has remained low southwest of Iceland and near western Spain and a southerly airstream has covered the British Isles with high pressure over central and eastern Europe. Weak troughs have affected many parts of the British Isles. A similar

situation is expected during the next 24 hours, with the low near Iceland persisting and the low near western Spain being replaced by a deeper low moving eastsoutheast from mid-Atlantic. The eastern European high will also persist.

Issued at midday THURSDAY 20 OCTOBER 1977

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

OBSERVATIONS at 00h. 20 OCTOBER 1977										OBSERVATIONS at 06h. 20 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	RRT _n E	T _g T _g	WEATHER		
																						21h.--03h.	03h.--09h.	
Boscombe Down	746	91506	02471	15613	91111	12609	89/01			746	91206	01434	14912	91111	12705	89/01				746	91121	09	fff	FFr.1f
Hurn	862	61402	09412	15411	10931	11709	81362	86075		862	41002	12284	14610	30381	70009	83357				862	97091	08	ff	ff
Manston	797	21708	50101	17513	10931	13501	81360			797	41608	40100	17512	00901	11002	84075				797	00110	09	+	+
Gatwick	776	00000	00464	16908	00900	08801				776	90000	00454	16608	91111	08302	89111				776	91071	05	1f1FFF	FFff
Kew	775									775	60000	03444	16008	35701	08601	83656	84075			775	97070	03	1fff	ff1f
Heathrow	772	01003	23101	16713	00900	13701				772	31102	12284	16112	00902	12000	83075				772	00111	06	1f	1f
Honington	586	31303	09461	17213	00901	12202	83075			586	01102	01424	17109	00900	09103					586	97070	06	ff1fF	FFf
Wattisham	590									590														
Gorleston	497	02005	58021	17714	00900	12203				497	11708	40050	17813	00901	12400	81075				497				
Aberporth	502	81814	70808	13314	88411	13501	82812	88625		502	81614	65618	12513	55421	13704	82710	83620	88557		502	03131	12	pr.r.r.	r.r.r.r.
Filton	628	71903	40101	15314	75611	14503	87649			628	81006	20101	14314	86211	13806	85703	88708			628	94131	09	+	r.
Rhoose	715	71210	56102	14914	57113	13500	83702	84710	87360	715	80706	22106	13314	87111	14808	85702	88706			715	92141	12	ir.	+
Hartland Point	703	82107	70606	13614	35371	13000	81709	83650	88360	703	81110	66808	11914	51571	13713	85820	88360			703	01131	13		
Mount Batten	827	80402	58216	14514	45371	14505	82708	84640	88358	827	81213	56102	12515	85511	14611	84620	88634			827	97140	09	ir.	+
St. Mawgan	817	81507	58616	14014	27321	13805	82707	88460		817	81204	56616	11614	25421	13716	82616	88460			817	02131	12	r.r.	r.r.
Scilly	804	81711	58626	12914	85511	14804	88620			804	81210	56626	10913	87311	13709	88707			804	04132	12	irr.r.	r.r.ir	
Culdrose	809	80705	30616	13814	65421	13707	82710	86625	88459	809	80709	15216	11614	85011	13613	84700	86702	88620		809	01131	12	r.r.ir.	r.r.ir.
Guernsey	894	11409	58101	15415	00902	15606	81075			894	71412	50109	13815	70983	14608	87358				894	06141	10	+	t1R
Elmdon	534	71103	30111	15212	36232	12801	83704	83365	87075	534	81102	25102	15213	86011	13002	82701	88702			534	00111	08	+	ff
Cardington	559	81907	58101	16714	86311	14400	88709			559	00802	00444	16508	00900	08001					559	00081	05	f	FFF
Wittering	462	31807	28101	16312	00901	11500	83075			462	91704	00451	16412	91111	12400	89/00				462	91111	09	1fff	FF
Watnall	354	42106	35101	15412	00902	12302	84075			354	80000	07464	15712	86011	12002	88700				354	92111	11	+	fff
Shawbury	414	71706	57041	14314	25604	13101	82635	86075		414	81202	14216	14513	55721	13101	85656	88460			414	02121	11	r.	ir.r.r.
Finningley	360	41806	30104	14913	26402	12302	82712	83075		360	72002	18101	15711	75211	11104	82703	87656			360	97101	07	f	fff
Spurn Point	396	01805	30101	15613	00900	12102				396	71608	18101	16112	70971	12302	87360				396			+	fff
Leeming	257	91507	00454	13812	91111	12302	89111			257	81510	04426	14812	86011	12205	88700				257	01111	11	fff	FFfr.r.r
Tynemouth	262	80000	39102	13413	86311	13105	88708			262	82007	61021	14213	85611	12208	88635				262	94122	11	+	r.r.
Carlisle	222	72202	65021	11914	75611	12302	87632			222	71602	62608	12813	75411	12208	81714	85625	87640		222	93121	09	pr.	pr.ir.ir
Valley	302	82017	62032	12314	85311	14205	82708	88616		302	81716	66022	12114	85411	13000	82710	88614			302	97141	12	+	r.r.
Ringway	334	71606	56041	14114	35632	13500	83635	87075		334	81606	35636	15013	85511	13105	81625	88656			334	03131	12	r.	r.r.
Squires Gate	318	71806	58041	13014	25602	12000	81635	87070		318	81610	40636	13813	55621	13302	81635	85650	88459		318	04131	10	r.	r.r.r.
Ronaldsway	204	82113	65012	11314	76331	13500	83707	87710	88365	204	71906	62031	11813	75211	13103	82705	84632	87656		204	03131	11	+	rrir.
Mull of Galloway	131	82325	62022	10313	85511	13211	88620			131	22020	70018	10713	25500	12103	82625				131	91121			
Eskdalemuir	162	81915	58212	11513	87211	12303	84705	88707		162	81813	58216	12312	87211	11107	86705	88707			162	01121	11	r.drir.	ir.r.
Prestwick	135	72008	65022	10014	65411	12207	81713	84627	86465	135	62011	70016	10713	65611	12205	86632			135	01111	10	ir.	+	
Abbotsinch	140	81907	68582	09414	85411	12303	83616	84620	87630	140	71907	72026	10214	78411	11103	81818	83632	87640		140	92131	12	d.r.id.	id.
Leuchars	171	72207	80022	09713	75611	11308	83630	87650		171	62403	70022	11212	45871	11113	84640	85362			171	00111	06	+	+
Dyce	091	71509	75022	09113	75411	11207	81615	87620		091	61714	65032	10512	55402	11208	81710	85650			091	00111	08	+	+
Lerwick	005	91811	01454	06711	91111	11303	89/00			005	72315	50104	07411	75611	11207	87640				005	92101	10	fff	id.
Wick	075	71608	65052	06313	25632	10304	82645	84360	87072	075	61907	70026	08411	38471	10209	81818	85360			075	91101	05	+	ir.1f
Sule Skerry	010	71915	70026	05413	75511	12210	87625			010	22312	82016	07812	25500	11212	82625				010	96091	08		
Cape Wrath	049	92315	10536	05012	91111	11208	89111			049	42315	83018	07111	45500	08209	84625				049	03091	08	1Fddpr	+
Stornoway	026	32113	70018	04712	38400	10311	81816	83630		026	42016	70258	06211	28430	10105	81816	83362			026	93111	10	pr.	pr.
Benbecula	022	32012	75021	05412	38400	11213	81818	83635		022	61812	75038	06311	68411	10302	82818	86635			022	97111	09	pr.	pr.
Tiree	100	52115	56108	06712	25602	11209	82630	84070		100	71917	59158	07313	78411	12302	83818	86640			100	97111	09	pr.	pr.
Aldergrove	917	71907	84036	09712	75511	10214	82622	86630		917	61709	75036	09612	65411	10203	81710	86625			917	91111	09	r.ir.	+
Malin	980	21710	84026	07511	25600	10208	82638			980	31914	82021	07911	35600	09305	83642				980	0111	09		
Belmullet	976	32009	80010	05912	28502	10801	81820			976	71816	78808	05812	73511	11601	85920	87640			976	9311	08		

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

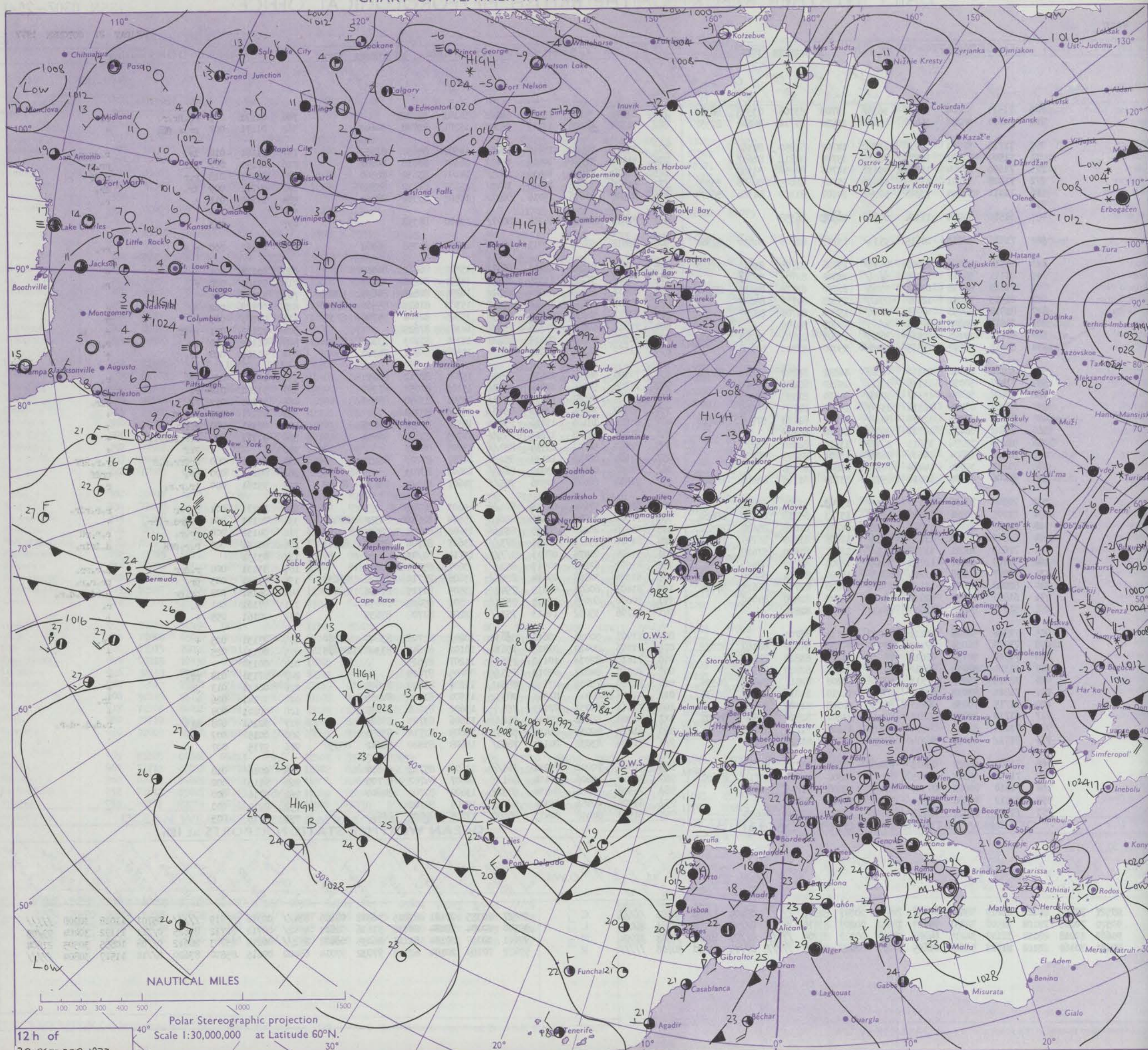
ISSN 0307-2541

No. 42337

Date of Issue FRIDAY 21 OCTOBER 1977

Code FM 11.V		OBSERVATIONS at 12h. 20 OCTOBER 1977										OBSERVATIONS at 18h. 20 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	71511	56604	14116	3638/	15703	83706	83358	86362	746	81408	35106	13315	861//	14102	88702			746	02171	001	rr.Rr.Ro	r.			
Hurn	862	81611	48218	14416	4547/	15400	81714	84640	87357	862	51104	50108	13215	55300	15201	83708	84640		862	01171	007	pr.Ro.	+			
Manston	797	71713	57051	17117	12772	14702	81850	84358		797	71611	60602	15817	5577/	14502	85650	87359		797	91181	010	ir.	r.-r.Ro			
Gatwick	776	71509	57604	15718	784//	15704	81812	87657		776	51706	57046	14616	45430	14301	83616	84657		776	02191	022	r.R	rr.Rr			
Kew	775	71606	60024	15318	45731	14706	84656	83360		775	71504	60026	14416	3563/	14101	83630	86360		775	01191	018	r.R	r.R			
Heathrow	772	71408	50051	15318	45631	15707	81645	84656	85359	772	51406	58016	14416	1643/	15102	81710	85359		772	97181	009	ir.	ir.			
Honington	586	71411	58034	15818	50982	14807	81360	84364	86075	586	81508	50056	15016	8097/	14502	85360	88464		586	97190	013	+	r.			
Wattisham	590									590										590						
Gorleston	497	61511	16054	17314	6094/	14706	86358			497	81611	24052	16214	8097/	13400	88358			497		033					
Aberporth	502	71616	56616	10615	5533/	15713	82708	84630	87360	502	81616	56216	09015	8097/	15704	84358	88362		502	01161	000	r.R	rr.			
Filton	628	71510	58056	13017	4533/	15706	81708	83618	85360	628	71606	56052	12016	6647/	15301	86712	86359		628	00170	001	+	+			
Rhoose	715	81111	50212	12315	862//	14804	82705	88708		715	81208	57052	11316	853//	14301	81707	88613		715	97160	000	r.	r.			
Hartland Point	703	71816	64018	10617	5547/	16000	82710	85635	87360	703	81617	59216	09016	4852/	16805	82825	84635	88460	703	93182	006					
Mount Batten	827	81513	50052	12116	854//	15803	84710	88625		827	71213	58052	10716	15532	15303	81625	85360	87070	827	00170	002	+	+			
St. Mawgan	817	81814	56056	10916	862//	15706	84704	88707		817	71713	50216	09215	5623/	15506	82704	85706	87359	817	94171	005	r.	r			
Silly	804	91512	02606	09515	9////	14808	89/00			804	71917	60026	07815	755//	14301	87625			804	02151	001	rrff	+			
Culdrose	809	81610	22106	10016	860//	15803	82701	84703	88704	809	81509	25616	09215	4822/	14704	81703	83625	88460	809	01162	000	rr	r.Ro			
Guernsey	894	81515	58602	13815	8528/	15000	82705	87650		894	71512	58106	12515	56032	15502	85701	84360	85075	894	91161	010	ir.	+			
Elmdon	534	71410	48046	13616	4238/	14812	83708	83845	86364	534	71506	58046	12516	7543/	15301	82712	87615		534	97181	006	fr.	r.			
Cardington	559	71507	50054	15118	3578/	15810	83656	87360		559	71705	57056	14016	4577/	15105	84650	87360		559	91201	010	r.	ir.			
Wittering	462	51408	56054	15117	30981	14810	81358	83360		462	81507	56602	13616	3577/	15501	83650	88460		462	97191	012	Fr	r.Ro			
Watnall	354	80904	08426	14514	853//	14710	84708	88645		354	81809	35054	13016	864//	15500	88710			354	97171	003	Fr.Rf	+			
Shawbury	414	81105	18286	12915	862//	14712	82703	87706	88710	414	61606	18106	11416	25481	14501	82614	86075		414	92161	000	r.Rf	+			
Finningley	360	81602	06426	14714	860//	14810	88700			360	71303	22108	12715	755//	14503	83620	86656		360	91171	000	Fr.Rf	+			
Spurn Point	396	41208	12284	15615	20972	13710	82360	83075		396	81510	50051	13514	851//	13705	88656			396			Frff	+			
Leeming	257	81506	15604	14614	862//	13807	83703	88704		257	81505	08446	12114	852//	14707	83703	88650		257	11141	000	rrff.R.R	r.R.Rff			
Tynemouth	262	71812	39056	14414	7097/	13805	87358			262	81407	06638	13012	862//	12601	88703			262	05152	000	pr.	rrff			
Carlisle	222	81406	62606	12614	6547/	13703	81715	83626	85645	222	71506	62026	10316	755//	14607	81623	83630	87645	222	93161	000	ir.Ro	r.			
Valley	302	70903	70616	11115	753//	15702	81707	87650		302	81511	57606	09215	874//	15603	88712			302	02171	001	r.Ro	r.Ro			
Ringway	334	81705	50586	13416	7542/	15713	85710	87650	88460	334	71606	35046	11416	2567/	15504	82630	84359	87462	334	02171	000	r.Rd.Ro	+			
Squires Gate	318	81407	24616	12814	5542/	14710	81618	85630	88556	318	81510	20216	10415	854//	15606	84710	88635		318	04151	000	rr.Ro	r.Ro			
Ronaldsray	204	81310	24626	11613	872//	12805	83703	86709	88715	204	81306	33625	09214	873//	13607	81706	83709	88711	204	04141	000	r.Ro	d.Ro			
Mull of Galloway	131	72015	78021	11313	785//	12101	81820	87625		131	91609	01476	08813	9////	13714	89/01			131	03131	000	r.Ro	d.Ro			
Eskdalemuir	162	81408	62606	12713	853//	12801	84708	88625		162	81502	62216	10913	853//	13607	85709	88625		162	03131	000	r.Ro	d.Ro			
Prestwick	135	72007	62258	11214	6843/	13000	81714	84816	86635	135	81206	568														

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Exposition
symbols

LOUD
Cloud
Amounts
(oktas)

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

Obscure
fading or
faintly data

ATHER
Symbol Weather

izzle

and
izzle

and snow

W

shower

and snow

lower

W shower

shower

understore

W

IND

Wind

speed

(knots)

Calm

1-2

3-7

8-12

13-17

For additional

water add

48-52

CHARTS OF WEATHER IN WESTERN EUROPE

Examination
symbols

LOUD
Cloud
Amount
(oktas)

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

Obscured
fading or
substantial data.

WATER

Symbol Weather

Size

and
fizzle

and snow

show

show

and snow
lower

show

show

Thunderstorm

WIND

Wind
speed
(knots)

Calm

1-2

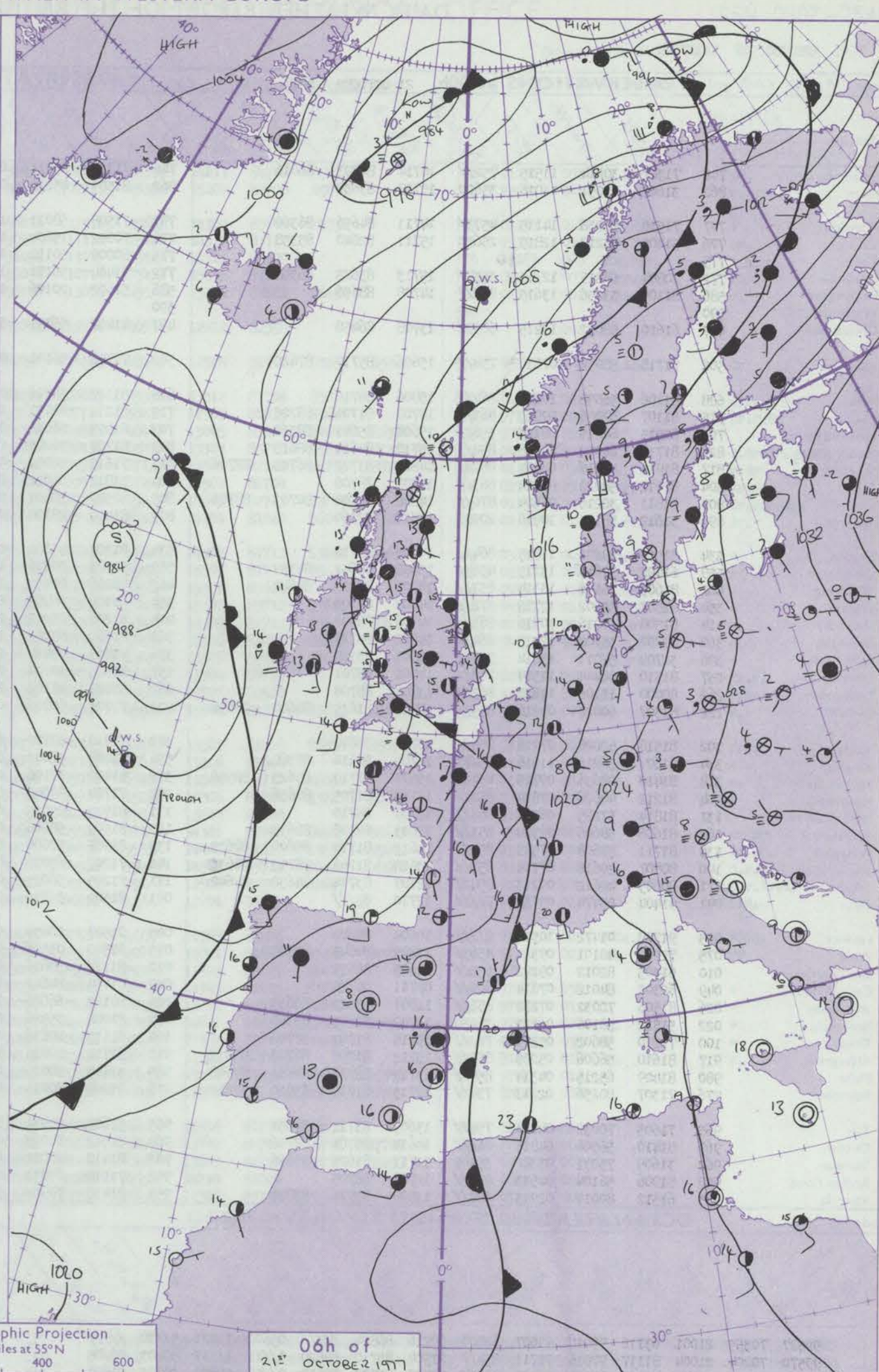
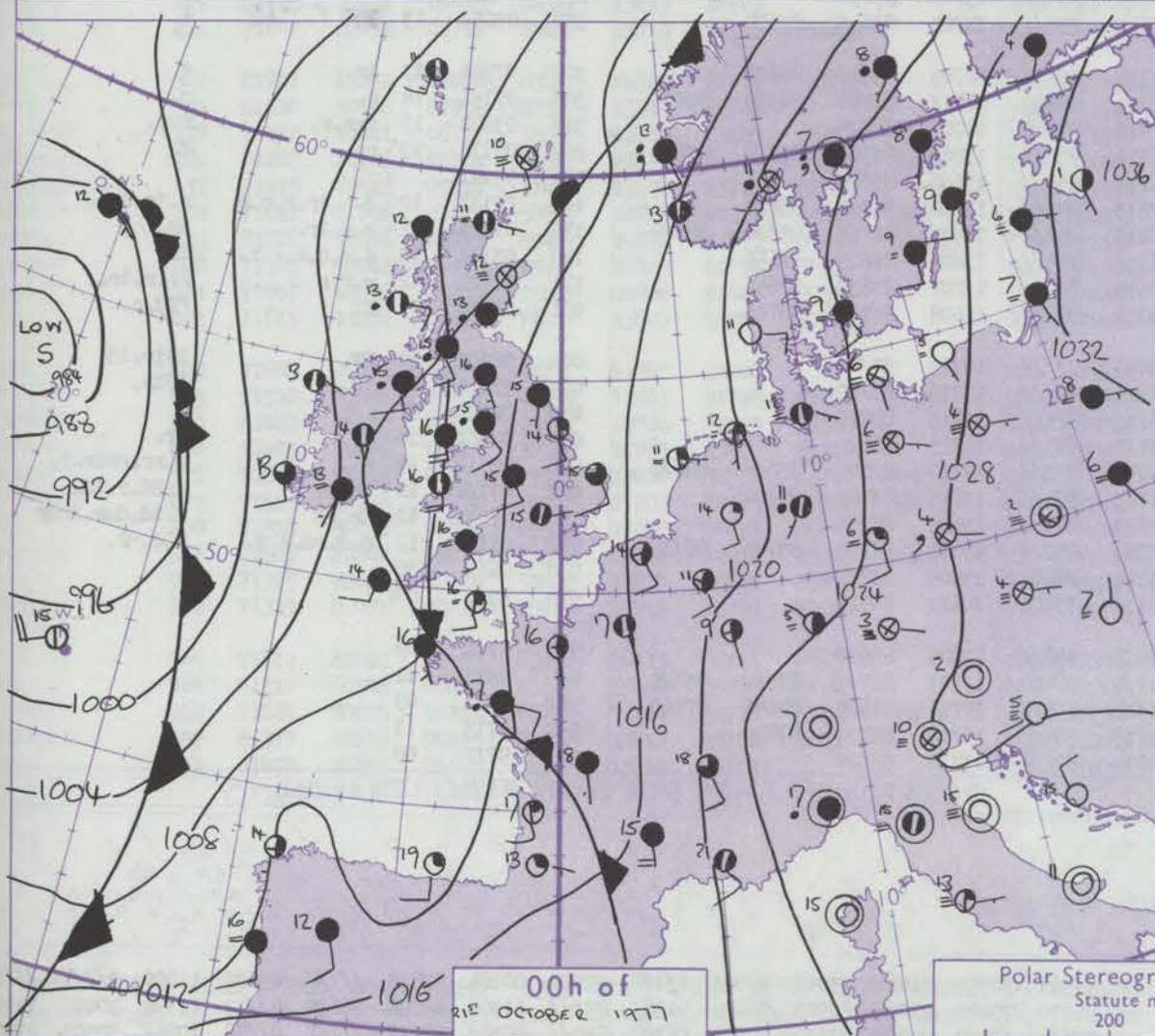
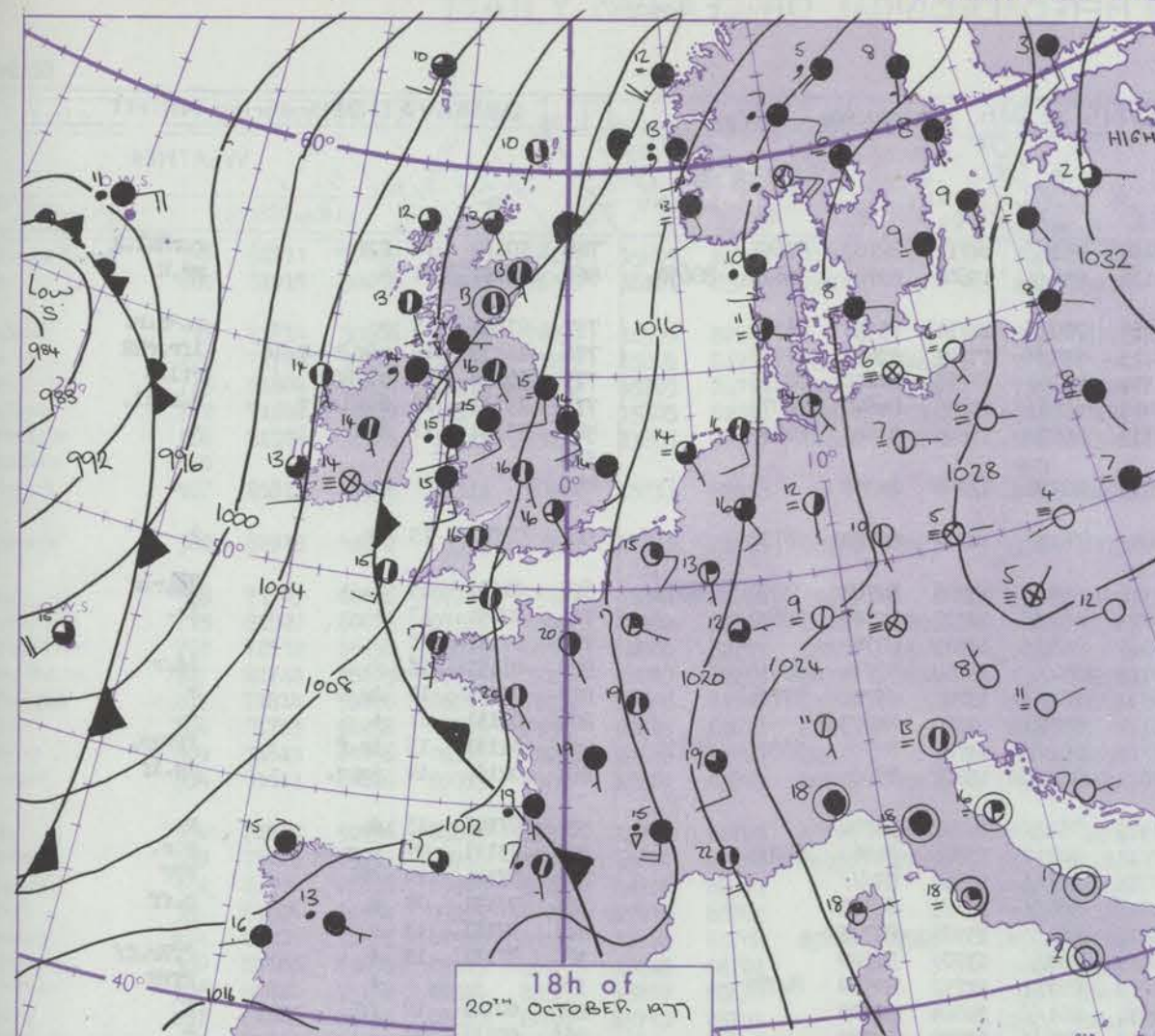
3-7

8-12

13-17

Additional
later 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

During the past 24 hours as pressure remained low to the west and high to the east of the British Isles, a moist southerly airstream was maintained over all areas. Weak frontal troughs moved slowly northwards affecting most districts. During the next 24 hours little

change is expected in the pressure distribution and a further frontal trough is expected from the southwest.

Issued at midday FRIDAY 21 OCTOBER 1977

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

OBSERVATIONS at 00h. 21 OCTOBER 1977										OBSERVATIONS at 06h. 21 OCTOBER 1977										OBSERVATIONS during NIGHT									
Code FM 11.V										Code FM 11.V										Code FM 11.V									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g g	WEATHER							
																						21h.—03h.	03h.—09h.						
Boscombe Down	746	71307	30214	11515	752//	14714	84703	86616		746	71308	25211	08914	751//	14711	82702	87657	88650	746	10132	11	f1fr.	r.rRt1.R						
Hurn	862	31602	45051	11016	35600	15717	83630			862	81509	45216	09116	852//	15608	82705	85625		862	08151	14	+	rr.R						
Manston	797	71510	58036	14115	4573/	14711	84656	86360		797	71508	58021	11915	7097/	14711	83359	86362		797	91141	13	+	r.r.R.						
Gatwick	776	51405	45219	12815	25630	15711	82640	85358		776	70602	15604	10713	755//	13707	83624	87650		776	16132	10	rRr.tl.r.if	ifr.rRR						
Kew	775									775	80000	50112	10314	45707	14707	84650	88275		775	20122	08	tl.RRr	rt1.R						
Heathrow	772	70804	58219	12715	3557/	15713	83625	86358		772	71404	56101	10415	45602	15708	84648	86075		772	19132	10	r.tl.R-r	r.rRt1.						
Honington	586	81105	33056	13615	857//	14708	88656			586	51602	20106	11313	45702	13608	81650	84657		586	91131	11	ir.r.	+						
Wattisham	590									590										590									
Gorleston	497	61610	58052	15215	6092/	13708	86458			497	41407	56051	12814	40930	12708	84358			497										
Aberporth	502	71718	58056	07916	754//	15606	85710	87620		502	71716	56101	06415	7623/	14804	83705	86712		502	97141	13	ir.	+						
Filton	628	81106	56052	10816	864//	15806	88710			628	81110	58216	08316	853//	15708	82707	83710	88613	628	01151	15	r.	r.r.R						
Rhoose	715	81107	57056	09915	863//	14709	81706	88708		715	81211	40101	07715	852//	14709	82703	88647		715	92151	13	+	ir.						
Hartland Point	703	82515	64216	08215	5567/	15606	85641	88360		703	81905	66036	06815	863//	14503	88709			703	97141	13								
Mount Batten	827	81710	60052	09616	854//	15710	84614	88625		827	81707	56206	07415	854//	15708	82714	88616		827	01151	14	r.	id.r						
St. Mawgan	817	81911	40216	08814	861//	14802	83702	88706		817	71613	56052	06514	762//	13708	85703	87706		817	91121	13	ir	r						
Scilly	804	82012	58022	07414	863//	14803	88706			804	51811	65012	05114	55500	13710	85623			804	00131	11	+	+						
Culdrose	809	81811	30216	08614	870//	14806	82700	84703	88706	809	81507	30104	06714	862//	13707	81703	86708	88710	809	92131	13	ir.f	fffir.						
Guernsey	894	31610	58101	10816	20932	15812	82360			894	81410	28108	09015	860//	15607	87701			894	02151	14	rrr.	ir.if						
Elmdon	534	81509	59202	11815	864//	14706	88710			534	81307	45102	09315	862//	14711	88704			534	97141	13	d.	r.						
Cardington	559	61402	50616	13215	4563/	15808	84641	84359		559	51503	30216	10713	40932	13809	84360	84075		559	03121	09	r.r.R.	r.R.						
Wittering	462	81603	35106	13314	853//	13705	83709	88640		462	91206	01454	10813	9////	13610	89///			462	97121	10	ff	FFF						
Watnall	354	81807	35502	12715	872//	14703	88703			354	81106	06465	09913	860//	13715	88700			354	97131	09	d.	r.ff						
Shawbury	414	81508	50216	10716	863//	14506	88709			414	81206	25042	08515	862//	15506	88705			414	97151	13	r.r.	+						
Finningley	360	81707	35102	12315	864//	14802	88710			360	81505	03462	10213	860//	13709	88700			360	97131	11	+	fffr.ff						
Spurn Point	396	31709	57011	13214	30970	13801	83360			396	41405	08424	11213	20972	12712	82360	84075		396										
Leeming	257	81510	06444	11514	860//	14601	88701			257	81505	10104	09914	861//	14604	88702			257	00141	12	ff	f						
Tynemouth	262	80000	13106	11613	863//	13704	88708			262	81809	48102	10013	856//	13708	88630			262	00121	11	+	+						
Carlisle	222	81507	60026	09216	855//	14706	81625	84640	88656	222	71407	60026	07615	755//	14705	83625	87650		222	03151	13	r.r.R	+						
Valley	302	81518	62026	07216	856//	13711	88640			302	71910	59102	06114	754//	14705	83616	86622		302	97141	13	ir.	+						
Ringway	334	81607	56212	11016	6547/	14705	86614	88360		334	71408	56041	08716	25432	14711	81710	84359	85075	334	97151	14	r.	r.						
Squires Gate	318	81410	28636	09715	4542/	15807	81710	84625	88556	318	41409	32106	07915	45500	14706	84625			318	03141	13	rrr.r.	r.R.						
Ronaldsway	204	81212	40626	07614	852//	13710	81705	88656		204	71704	59046	06514	752//	13702	81705	83618	87621	204	01131	13	rr.	r.						
Mull of Galloway	131	81814	57285	06914	864//	13709	88710			131	81923	65022	05214	855//	13606	88625			131	95121									
Eskdalemuir	162	81606	58606	09314	853//	13603	84706	88635		162	81509	58606	07813	853//	13710	84706	88624		162	02131	12	d.r.r.r.r.r.r	r.r.r.d.r.						
Prestwick	135	81711	57608	07515	854//	14613	81710	85620	88635	135	81407	57606	06015	854//	14505	81710	85620	88628	135	01141	12	r.r.r.	ir.						
Abbotsinch	140	80807	40616	07714	853//	13610	81706	86712	88630	140	71207	65026	06115	755//	13609	81625	87650		140	03131	13	d.r.d.r.r.r.	ir.						

ISSN 0307-2541

Date of Issue : SATURDAY 22 OCTOBER 1977

Code FM 21.V		OCEAN WEATHER STATION REPORTS at 12h.														OCEAN WEATHER STATION REPORTS at 18h.															
O.W.S.	99	L _a L _a L _a	Q _c L _o L _o L _o L _o	YYGGIw	Nddff	VVwwwW	PPPTT	N _h C _h C _h C _h	D _s V _s app	8N _s Ch _s s _s	8N _s Ch _s s _s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99	L _a L _a L _a	Q _c L _o L _o L _o L _o	YYGGIw	Nddff	VVwwwW	PPPTT	N _h C _h C _h C _h	D _s V _s app	8N _s Ch _s s _s	8N _s Ch _s s _s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
C	99527	70355	21121	72810	98021	14607	52532	00003	85824	////	0//03	11008	3////	29408		C	99527	70355	21181	63009	98022	14507	63400	00202	85918	////	0//04	11014	3////	29307	
L	99570	70201	21124	60204	98254	92311	3548/	00102	81710	83630	0//11	11176	30201	14904		L	99570	70201	21184	73010	97218	91611	763//	00303	87708	////	0//11	11212	30201	19005	
M	99659	10020	21124	72216	96012	07308	75200	00005	84704	87612	0//08	10868	30604	99/02		M	99660	10023	21184	62313	97032	08308	65400	00306	86613	////	0//08	10885	30603	////	
R	99470	70166	21124	43024	98011	99812	39530	00117	83920	83359	0//09	11522	30606	20904		R	99470	70168	21184	52727	98158	02312	43430	00111	82913	////	0//09	11533	30809	////	

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

ation
mbols

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

12h of 2^{1st}
OCTOBER 1977

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
fog or
thick data.

WHER
Weather

and
size

and snow

shower

and snow
shower

shower

shower

thunderstorm

ND

Wind
Speed
(knots)

Calm

1-2

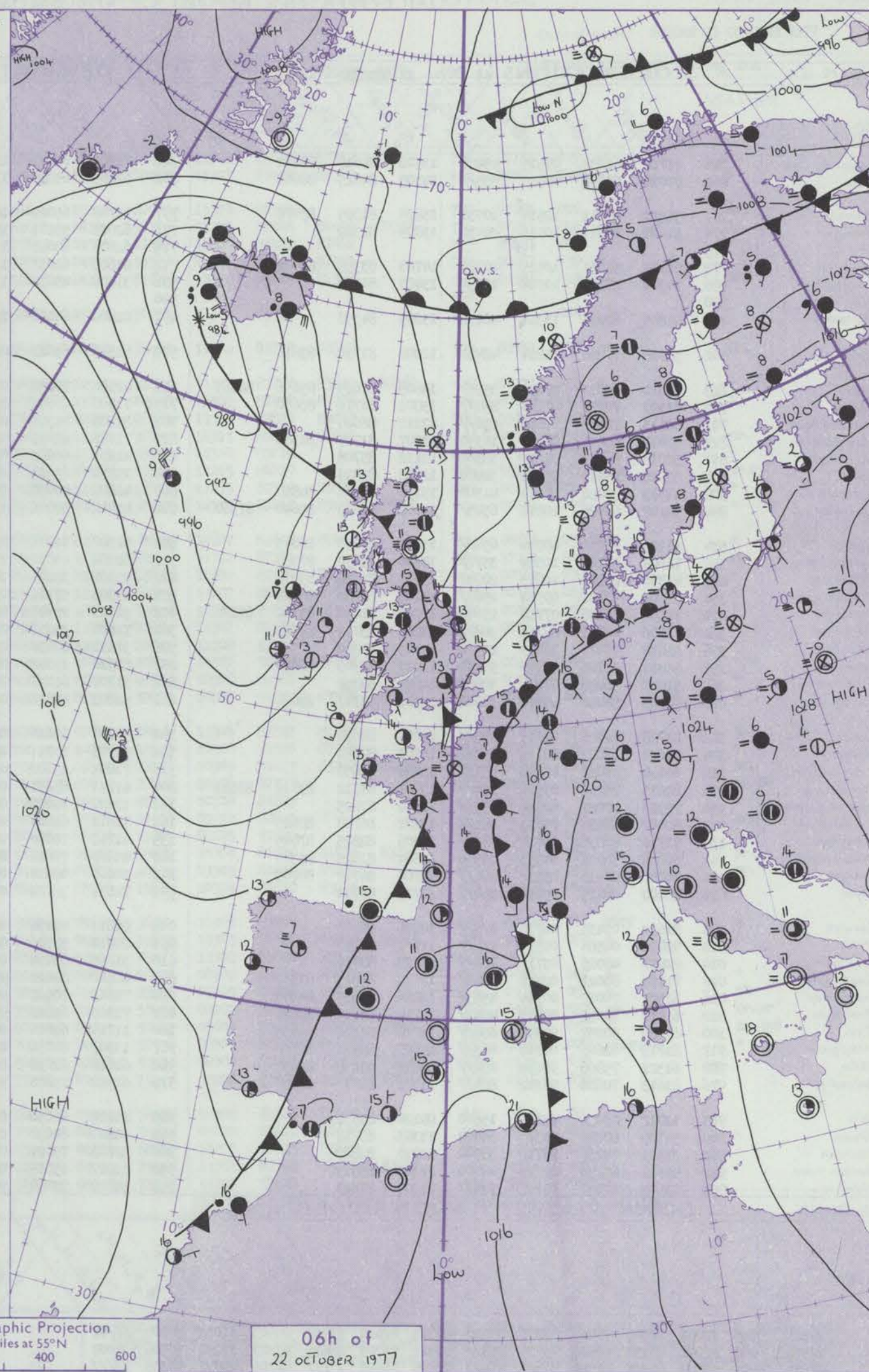
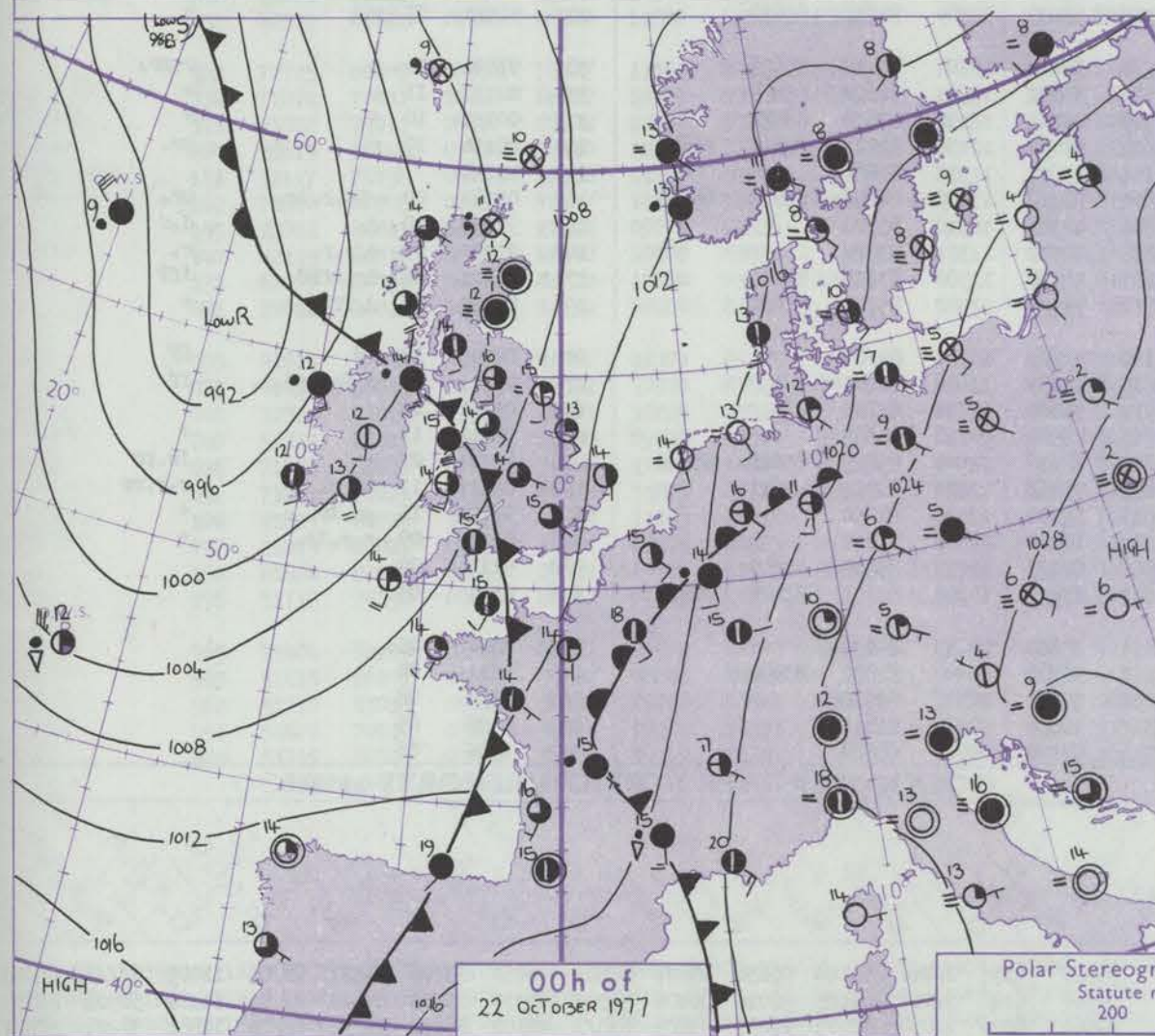
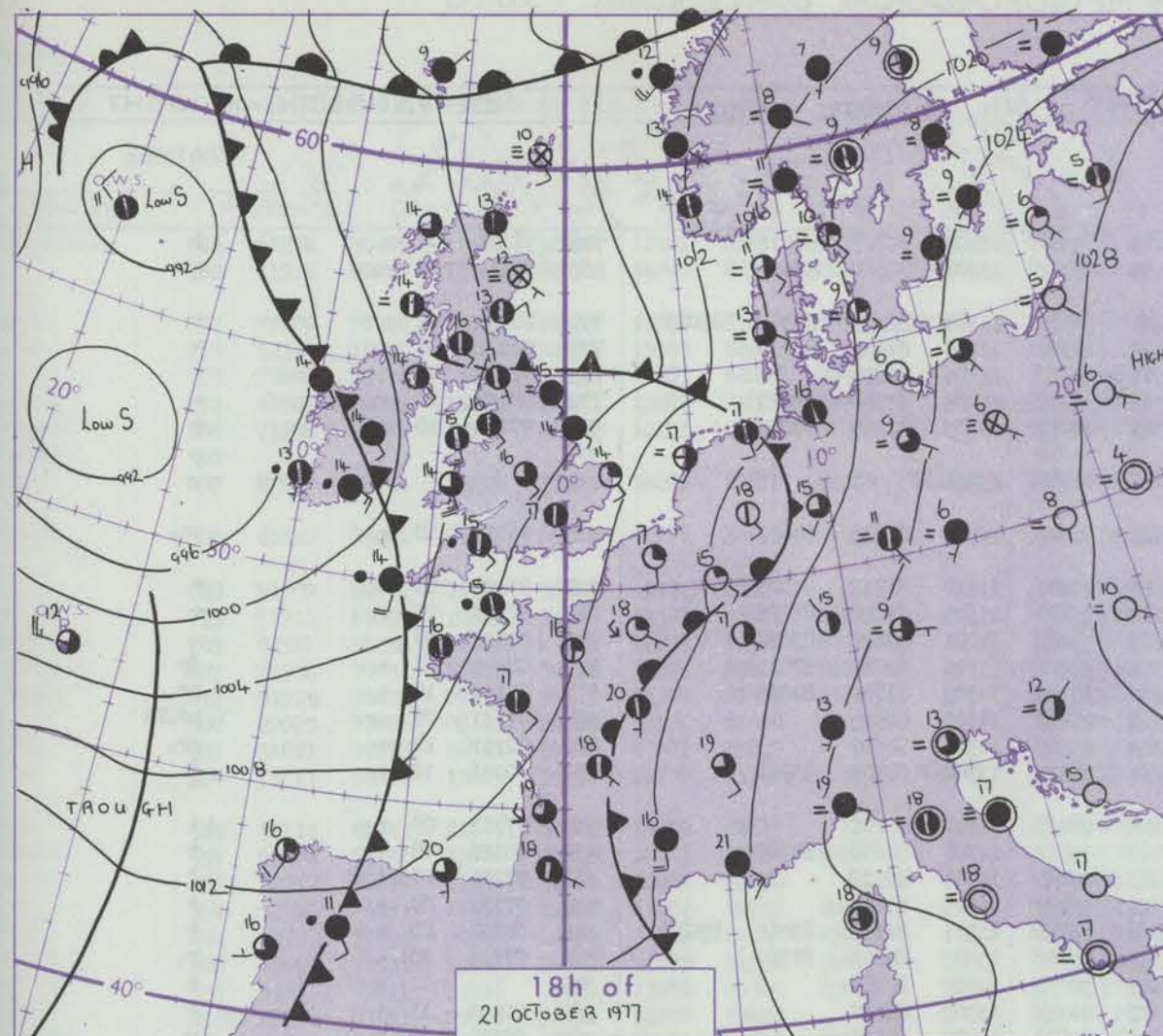
3-7

8-12

13-17

Additional
bar add
51

18-52



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 low centre to the west of Ireland turned northeast and then north towards Iceland, and, as the large anticyclone over western Russia moved only very slowly south, a southerly airstream was maintained over all parts of the British Isles with weak troughs crossing the country. During the next 24 hours low pressure will be maintained over Iceland

and high pressure over western Russia. The weak frontal trough at present over the British Isles will move northeast across the North Sea and an unstable southwesterly airstream will become established over all parts of the country.

Issued at midday SATURDAY 22 OCTOBER 1977

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

OBSERVATIONS at 00h. 22 OCTOBER 1977										OBSERVATIONS at 06h. 22 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M Ch _H	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h Ch _M Ch _H	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RR T _n E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	81712	62032	09515	45407	13502	84616	88272		746	71903	65022	11113	753//	12208	84707	87612		746	97121	09 +	d.		
Hurn	862	82010	60602	09815	855//	14305	84625	88643		862	62005	65026	11415	684//	13208	84814	85622		862	91141	14 r.	+		
Manston	797	31510	65011	12514	10931	13805	81365	83075		797	71708	65021	12414	50972	13304	82359	84363	85073	797	00131	11 +	+		
Gatwick	776	21608	60011	10915	20930	13805	82360			776	62003	58101	11613	16301	12205	81709	86075		776	00111	06 +	+		
Kew	775									775	62003	60021	11513	657//	12305	86656			775	97121	06 +	+		
Heathrow	772	61405	57051	10515	40972	14708	83358	85072		772	61605	62031	11513	30932	13308	83360	85075		772	00131	10 +	+		
Honington	586	11304	28101	11914	10930	13400	81358			586	31406	48050	11513	10972	12303	81360	83075		586	97131	10 +	+		
Wattisham	590									590														
Gorleston	497	41805	60020	13314	40930	13205	84358			497	01806	60020	12414	00900	13400				497					
Aberporth	502	51918	70216	05814	42430	12309	81710	83816		502	51815	65021	06513	58400	12500	82815	84627		502	96111	10 r.	pr.		
Filton	628	71810	65011	07815	55511	14805	81625	85656	86462	628	42108	70036	09813	25401	11210	81712	83075		628	97121	09 r.	+		
Rhoose	715	81308	70216	07614	854//	13801	81712	88650		715	71806	68031	09112	15701	11305	81650	87075		715	97121	07 r.	+		
Hartland Point	703	62113	70012	06614	656//	12212	86640			703	31706	74011	07213	38400	11001	82819	83637		703	00120	09			
Mount Batten	827	52014	65016	08114	16331	13307	81707	84362		827	71916	62031	09314	72300	13306	82707	87813		827	00141	11 +	jp		
St. Mawgan	817	32012	60036	07213	36300	12112	83708			817	41911	65021	08112	16301	11305	81709	84075		817	94121	10 +	pr		
Scilly	804	31918	65016	05614	32400	12208	83819			804	21914	65028	06813	25500	10603	82625			804	01111	09 pr.	pr.PR		
Culdrose	809	41813	50056	07214	41300	13110	82706	84818		809	41809	40050	08213	45500	11306	84622			809	92111	10 +	pr.		
Guernsey	894	72108	63026	10815	6543/	13208	82615	85640	87360	894	41812	59051	11714	25332	13304	81709	83360		894	00141	12 +	+		
Elmdon	534	61205	58016	08914	654//	13803	81710	86645		534	61907	62036	09813	664/1	12310	85710			534	97111	09 r.	+		
Cardington	559	71609	56101	10514	3577/	14706	83656	87359		559	62104	63031	11013	45731	12307	84656	84360		559	00121	08 +	+		
Wittering	462	41306	25101	10613	20932	13802	82358	83075		462	51806	33101	10912	26432	12308	82710			462	97101	07 +	f		
Watnall	354	81607	57102	09914	2567/	13205	82630	88359		354	41908	57101	09713	35430	12305	83615			354	97131	09 +	+		
Shawbury	414	71509	74036	07714	15646	13000	81630	83362	87272	414	51706	25101	08812	15441	11311	81616	83362	85075	414	00101	06 +	+		
Finningley	360	71606	40101	09713	3647/	13209	83712	87362		360	71606	35216	09113	4547/	13302	84616	87360		360	97121	10 +	r.		
Spurn Point	396	21612	40011	10413	20970	13105	82360			396	31611	60030	09713	30970	12602	83360			396		+	+		
Leeming	257	51411	25106	38713	55200	13310	83703	85640		257	81510	15102	08213	861//	13302	88702			257	00131	11 +	+		
Tynemouth	262	31913	56056	07115	30930	14804	83359			262	51708	61021	08113	55600	12102	85635			262	00131	09 +	+		
Carlisle	222	51808	58016	05716	38402	13501	81717	83074		222	52803	58021	06515	58400	12309	81717	83630		222	91121	07 r.	+		
Valley	302	81728	62026	04115	855//	13705	88620			302	51720	62606	05714	55400	12104	81618	85628		302	97131	11 r.	r.pr.		
Ringway	334	71609	68021	08115	757//	13104	87650			334	51708	60011	08514	35502	13311	81620	83650		334	00131	11 +	+		
Squires Gate	318	61410	60016	06714	657//	13209	86650			318	71605	35102	07313	25701	12210	82650	86075		318	00121	10 +	+		
Ronaldsway	204	81615	75212	03914	854//	13807	81712	83716	88622	204	61711	68031	05613	684//	12106	82711	84814	86040	204	00131	10 r.	pr.		
Mull of Galloway	131	71925	70022	02314	755//	12810	87625			131	12127	74022	04113	15600	11315	81630			131	92131				
Eskdalemuir	162	80000	58586	05613	853//	13802	86708	88625		162	71812	62806	06612	783//	11309	84708	85818	86630	162	03111	09 rRd.r.ir.	pr.		
Prestwick	135	71710	80036	04014	7853/	11506	82825	87645		135	41712	70026	04814	48501	10310	83820			135	92131	10 d.	d.r		
Abbotsinch	140	60804	70036	04113	25530	11804	81625	85360		140	41807	70016	04814	48500	11314	82824			140	92121	09 d.r.r.	r.		
Leuchars	171	80000	07416	05112	860//	12704	86700	88703		171	50000	08414	05111	55400	11500	83618	85650		171	92101	08 ir.fff	fff		
Dyce	091	80000	08415	05012	860//	12711	88700			091	71611	32104	04714	753//	13302	85707	87620		091	97111	08 d.fff	+		
Lerwick	005	91610	01435	06710	9////	10606	89/00			005	91611	01434	04110	9////	10711	89/00			005	00091	10 ff	ff		
Wick	075	91411	04586	04511	9////	11711	89/00			075	21810	58106	02412	15631	11606	81640			075	91111	07 FFir.ffd.r.	ff		
Sule Skerry	010	81417	48026	03712	864//	11709	88710			010	31420	08424	00912	36000	12714	83700			010	01101	10			
Cape Wrath	049	71405	80022	02416	3543/	12711	83615	87360		049	41810	82021	99716	45500	09710	84625			049	00111	11 +	+		
Stornoway																								

OCEAN WEATHER STATION REPORTS at 00h.															OCEAN WEATHER STATION REPORTS at 06h.														
O.W.S.	99L _a L _a L _a	QcLoLoLoLo	YGGlw	Nddff	VVwvW	PPPTT	N _h L _h C _M C _H	D _s v _s app	8N _h Ch _h s	8N _s Ch _s s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L _a L _a L _a	QcLoLoLoLo	YGGlw	Nddff	VVwvW	PPPTT	N _h L _h C _M C _H	D _s v _s app	8N _h Ch _h s	8N _s Ch _s s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
C	99527	70355	22001	72502	98012	13307	25530	00813	82624	85357	0//03	11012	30000	////07	C	99527	70355	22061	81110	96636	03807	8732//	00759	83708	85517	0//06	11005	3////	////06
L	99570	70200	22004	83128	96608	93809	853//	00311	86709	88625	0//09	11188	30506	23007	L	99569	70198	22064	63128	98016	96409	55300	00310	81709	85620	0//05	11162	30506	27008
M	99661	10025	22004	82514	97022	09607	855//	00305	88620	//////	0//06	10892	30503	//////	M	99661	10026	22064	82205	97205	09805	855//	00702	88620	//////	0//05	10886	30201	27702
R	99470	70171	22004	32936	97808	05512	32400	00221	83813	//////	0//10	11522	30712	//////	R	99470	70174	22064	43136	98011	09313	45500	00220	84630	//////	0//09	11543	30814	//////

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

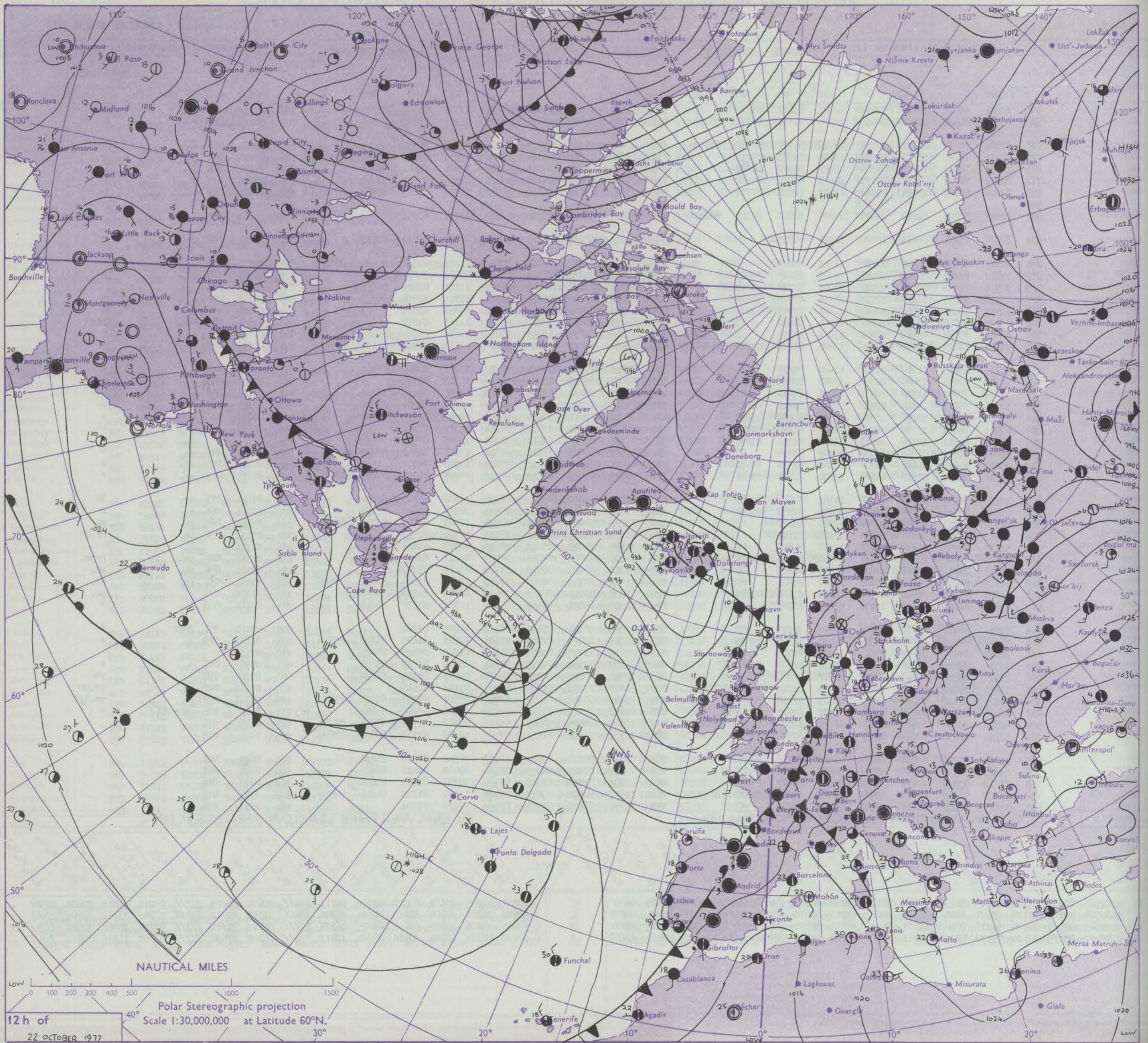
ISSN 0307-2541

No. 42339

Date of Issue SUNDAY 23 OCTOBER 1977

Code FM II.V	OBSERVATIONS at 12h. 22 OCTOBER 1977										OBSERVATIONS at 18h. 22 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _M CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	61814	80035	12416	32436	12101	83817	85275		746	71907	70022	13612	1143/	11308	81818	87359		746	00161	037	+	+		
Hurn	862	71911	80022	12916	62434	14206	81714	86816	85070	862	72106	62022	13914	1847/	13307	81815	87360		862	00171	029	+	+		
Manston	797	72109	70022	14217	11438	13006	81810	83362	87272	797	62008	64016	15314	60972	13310	86359			797	97181	026	+	ir.		
Gatwick	776	52310	70022	13717	22534	13105	82822	84075		776	71906	62601	14314	5837/	13205	81708	84650	87359	776	97181	042	+	ir.		
Kew	775	72107	70021	13517	22531	12103	82822	86095		775	71905	75602	14315	1157/	12308	81822	87462		775	97181	048	ir.	+		
Heathrow	772	61907	70021	13417	22431	13203	82819	85362		772	71706	70021	14215	1457/	13308	81620	87361		772	00181	039	+	+		
Honington	586	71908	60021	13515	21432	13103	82812	87073		586	71506	56602	14315	5567/	13310	85645	87358		586	91181	019	+	ir.		
Wattisham	590									590									590						
Gorleston	497	82007	58021	14216	21437	14206	82810	85360	88275	497	31608	58051	15315	30930	13214	83358			497		004				
Aberporth	502	61820	75251	08413	68400	12006	86815			502	31819	68258	08513	38402	11102	81710	83818		502	01151	050	pr.	pr.		
Filton	628	41909	80011	11416	32531	11103	83820			628	71912	78031	12514	3857/	11307	81820	83630	86360	628	00171	054	+	+		
Rhoose	715	71711	81031	10815	38506	11103	83825	86275		715	72013	83022	11914	28608	09308	81830	87275		715	00170	040	+	+		
Hartland Point	703	52317	74258	09114	49432	12001	81710	84918		703	42121	83011	10013	28531	11311	82825	84075		703	93150	073				
Mount Batten	827	71918	70031	11415	32532	13106	83820	86070		827	72022	72252	12614	38402	12311	82818	86075		827	97160	050	+	pr.		
St. Mawgan	817	61919	70028	09715	59463	11104	81911	83816		817	41913	70028	11113	38401	11310	83814			817	97161	050	pr.	+		
Silly	804	22023	74028	08115	22502	10204	82820			804	62220	70038	09714	68500	11215	84820			804	95151	072	prpr.	prpr.		
Culdrose	809	51817	70038	09515	58402	11001	84819			809	51913	65031	11213	58400	11215	82712	83816		809	00151	071	+	+		
Guernsey	894	71911	78021	13615	35352	12108	81708	83650	86360	894	72111	81022	14814	38432	12310	81815	83650	85360	894	00151	025	+	+		
Elmdon	534	51711	68011	11515	52402	11400	85818			534	71710	70022	12014	2457/	10207	82625	87462		534	00171	056	+	+		
Cardington	559	62106	64031	13016	22552	13003	82820	84360		559	72007	65022	13914	7097/	11312	87359			559	97191	046	+	r.		
Wittering	462	52012	75014	12516	31431	12001	83816			462	61807	80012	13313	2567/	10308	82635	86359		462	00161	038	+	+		
Watnall	354	52110	75011	11515	42402	11002	84816	84072		354	71906	75031	12214	60952	11207	86362	87070		354	00181	063	+	+		
Shawbury	414	41711	70031	10216	22502	11602	82820	83075		414	61705	72011	10414	1853/	10313	81825	86357		414	00170	056	+	+		
Finningley	360	42011	70031	11117	12532	12003	81820	84075		360	71605	70021	11714	7097/	11307	87362			360	00181	066	+	+		
Spurn Point	396	31807	62011	11916	20971	13208	82360	83075		396	71710	66031	12813	7097/	12208	87360			396			+	+		
Leeming	257	32208	81011	09916	32602	10000	83830			257	71511	70021	10313	20932	11307	82363	87070		257	00181	045	+	+		
Tynemouth	262	32015	69021	09416	13609	12102	81930	83175		262	41811	61021	10215	40970	10306	84360			262	00171	049	+	+		
Carlisle	222	42508	65021	07817	48500	11000	82824	83646		222	70802	68028	08512	39572	10207	81920	83465	86075	222	97171	045	pr.	+		
Valley	302	71723	60808	07714	784//	13102	83815	87645		302	71825	80038	07814	784//	11306	81818	87634		302	91161	071	pr.	jp		
Ringway	334	71814	70031	10216	685/2	10001	82820	85630		334	71712	70021	10614	18508	10310	81820	87270		334	00171	066	+	+		
Squires Gate	318	21812	75011	08817	28502	12000	81820			318	72009	70028	09314	28538	10309	81825	83362	86270	318	97171	065	pr.	pr.		
Ronaldsway	204	31815	66258	07514	38430	12104	81713			204	21919	75258	07413	28440	10104	81713			204	03151	054	pr.	pr.pr		
Mull of Galloway	131	52117	74258	06414	58500	11207	84820			131	32125	74018	06013	28530	10308	81825			131	97141					
Eskdalemuir	162	71810	80808	07913	784//	10301	84714	83819	87635	162	31905	82028	09109	38500	09212	82820			162	01151	024	pr.	prpr.		
Prestwick	135	22018	81011	06316	22501	09003	82826			135	21910	80018	06512	23549	09205	81920			135	93161	054	pr.	pr.		
Abbotsinch	140	42115	82018	06216	48500	10500	83826			140	31707	62158	06211	39400	10304	81818	81922	83635	140	93161	032	pr.	pr.		
Leuchars	171	62009	80034	06816	48502	10004	83825	83070		171	61809	80251	07213	28632	09303	81830	85070		171	97171	055	+	pr.		
Dyce	091	22012	82011	06416	12532	09204	81822			091	51510	68051	06912	15634	10304	81630	83075		091	00161	063	+	+		
Lerwick	005	91814	02434	04711	9////	11104	89/01			005	41807	50104	05610	36232	10208	83704			005	00121	017	FFFF	+	+	
Wick	075	41910	84011	04715	18532	10110	81825	83075		075	61813	82021	04713	15532	10303	81625	83359	85070	075	00151	075	+	+		
Sule Skerry	010	32312	81014	03713	23501	10225	82925			010	72603	81031	03812	785//	11302	85820	87625		010	00150					
Cape Wrath	049	52315	82021	02914	22530	09210	82820	85360		049	62308	81032	02813	58530	08702	83820	85625		049	00161	047	+	+		
Stornoway	026	71918	68031	01913	785//	11007	84820	86645		026	52018														

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE

ation
mbols

LOUD
Cloud
Amount
(oktas)

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

Obscured
fog or
other data.

WHER
Weather

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and
haze

and snow

shower

and snow
faster

shower

shower

Waterstorm

ND

Wind
speed
(knots)

Calm

1-2

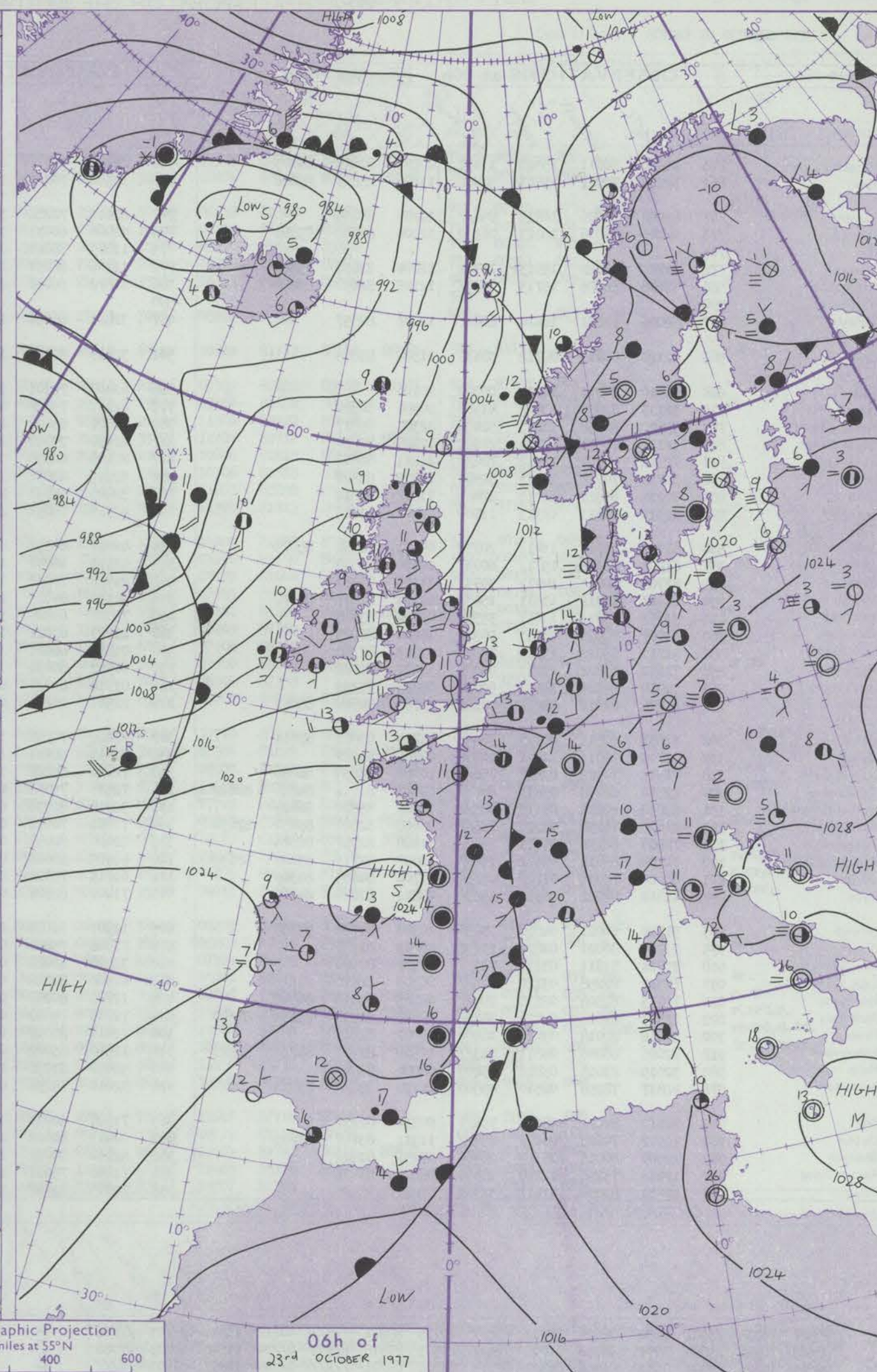
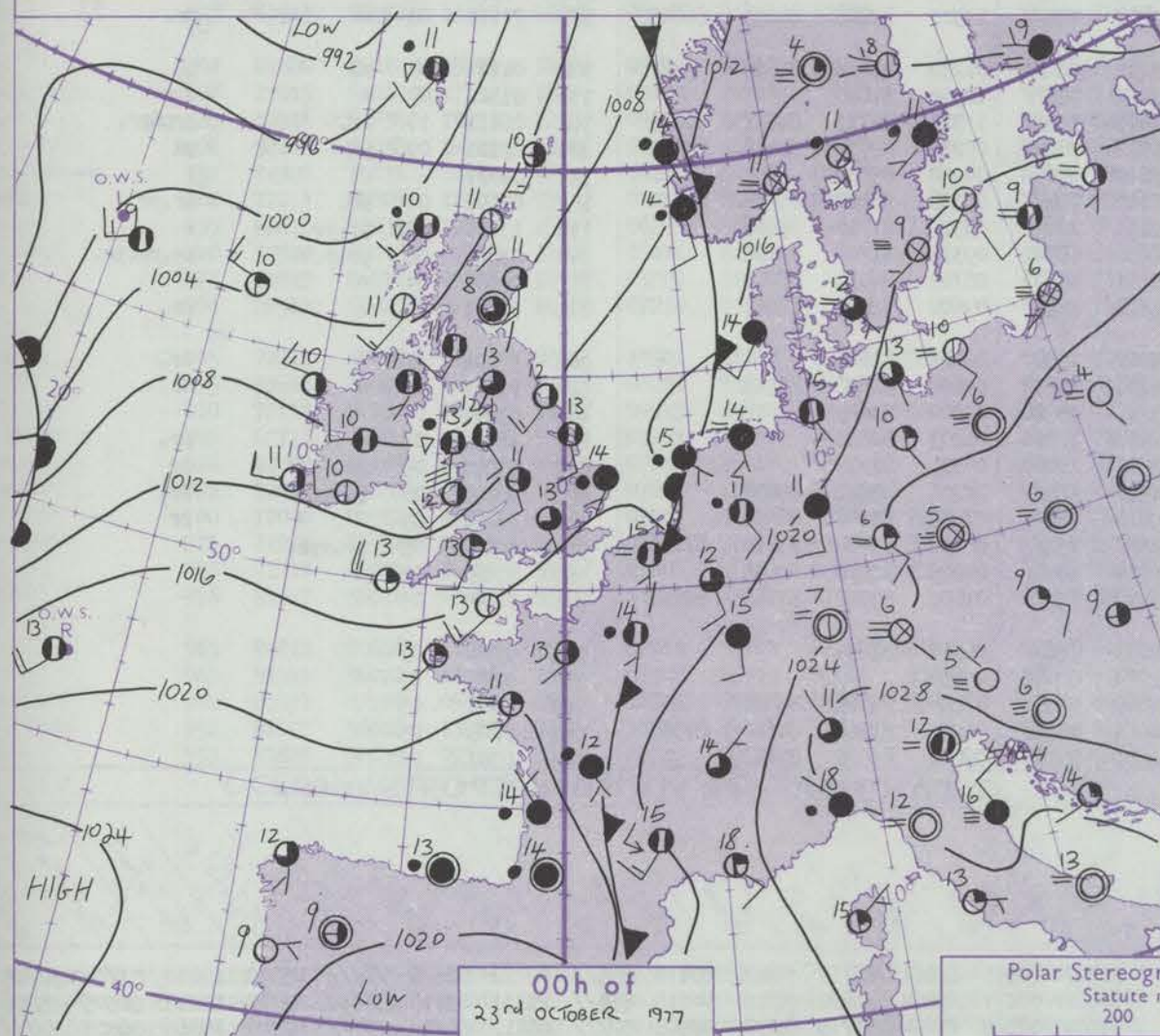
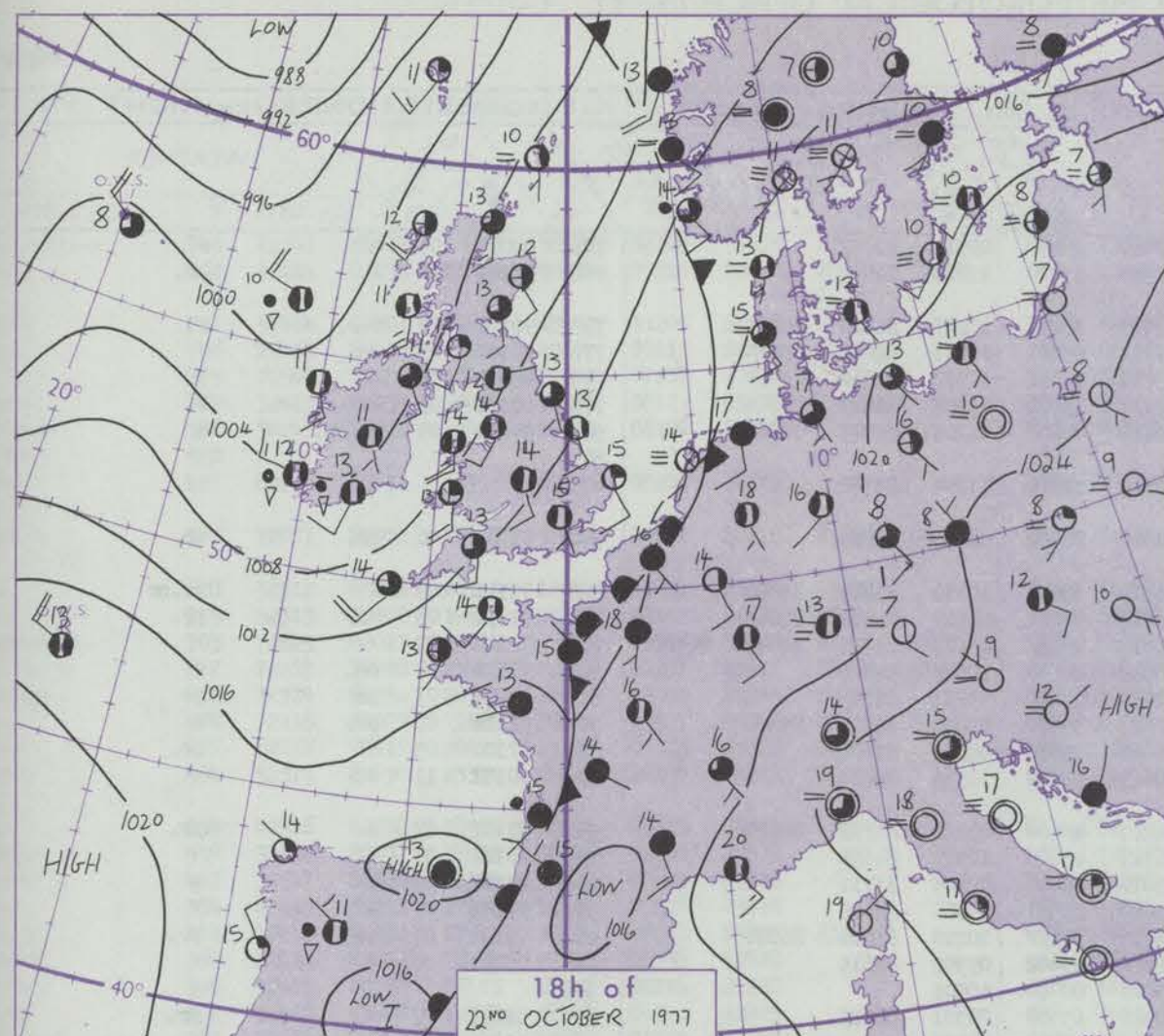
3-7

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 SYNOPTIC DEVELOPMENT

During the past 24 hours a depression just south of Iceland moved slowly north, while an associated waving cold front moved east across eastern Britain and the North Sea. A sharp trough of low pressure to the west of Ireland moved east across most of the British Isles

and weakened, leaving a westerly airstream over most of the country. During the next 24 hours a further depression will move from mid-Atlantic towards Iceland, with associated warm and cold fronts crossing Scotland and Northern Ireland.

Issued at midday SUNDAY 23 OCTOBER 1977

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

OBSERVATIONS at 00h. 23 OCTOBER 1977										OBSERVATIONS at 06h. 23 OCTOBER 1977										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRRT _n h _n E	T _g T _g	WEATHER			
																						21h.--03h.	03h.--09h.		
Boscombe Down	746	41910	80011	15310	11432	09103	81818	84075		746	22109	74011	17010	28400	09313	81712			746	00091	05	+	+		
Hurn	862	52209	70021	15813	58402	11206	83819	85626		862	12510	70011	17513	15500	11214	81624			862	91121	10	+	pr.		
Manston	797	82408	59606	16813	856//	12205	88636			797	62111	70216	18111	18434	10209	81810	85075		797	92101	09	r.r.	r.		
Gatwick	776	62005	65016	16213	26330	12104	82708	85362		776	52006	60031	17911	55401	10211	82616	83630		776	97101	05	+	+		
Kew	775									775	11805	78021	17211	10941	10312	81360			775	00111	06	+	+		
Heathrow	772	61705	68022	15913	15731	12204	81656	85360		772	11706	68031	17111	15501	11308	81625			772	00111	08	+	+		
Honington	586	81808	56606	15713	2572/	12103	82650	88457		586	11812	56056	16112	00902	11205	81075			586	94111	09	ir.r.	+		
Wattisham	590									590															
Gorleston	497	82006	62601	16414	8082/	12207	88557			497	31811	66016	16713	30970	11207	83360			497						
Aberporth	502	42120	80258	09712	38430	11304	83815			502	32513	80018	14910	28432	08233	82815			502	01081	06	pr.	pr.		
Filton	628	01910	80011	14212	00900	10106				628	62409	75801	16312	684//	10319	83815	85650		628	95111	08	+	pr.pr		
Rhoose	715	42113	82031	13412	41500	10304	84820			715	62711	75028	16012	58401	09322	82818	85645		715	92111	08	pr.	pr.		
Hartland Point	703	52627	80258	11213	52400	12304	85817			703	62821	83028	16312	4853/	08128	82825	84641	86360	703	02120	09				
Mount Batten	827	32117	70031	14714	21501	12108	82820			827	22710	70018	18612	24500	10327	82625			827	97111	08	pr.	+		
St. Mawgan	817	72312	66801	13912	784//	11211	86812			817	22106	62258	18310	28400	09123	81815			817	02091	07	pr	pr		
Scilly	804	32723	70018	14113	32500	11222	83820			804	52615	82031	17813	35570	07216	83625	85360		804	97111	09	pr.	+		
Culdrose	809	22214	65021	14213	22400	11212	82814			809	32405	65258	18610	15630	08122	81630			809	97100	05	+	pr.		
Guernsey	894	12315	81011	17313	11400	11107	81813			894	62515	78031	20013	51402	11316	85811			894	00131	11	+	+		
Elmdon	534	51709	75011	13411	20932	09101	82362	85075		534	42012	68251	14211	48400	09312	81712	84630		534	97101	07	+	pr.		
Cardington	559	61908	66026	15712	6093/	12106	86360			559	42113	68031	16311	45600	10309	84635			559	00101	05	+	+		
Wittering	462	41708	60011	14911	30932	11105	83360			462	21912	70030	15010	26400	09305	81711			462	00101	09	+	+		
Watnall	354	61907	62012	13611	15432	10104	81617	84072		354	32110	64011	13610	25531	09308	81625			354	97101	07	+	+		
Shawbury	414	31707	75011	11811	35530	09004	83628			414	72008	68808	13211	785//	10218	83820	86640		414	92101	07	pr.	pr.		
Finningley	360	61707	70022	13011	00902	10204	86075			360	21809	68021	12410	15402	09302	81615			360	00091	06	+	+		
Spurn Point	396	71711	68022	13713	7097/	11203	87360			396	01812	66021	13011	00900	10501				396			+	+		
Leeming	257	71612	65022	11211	00901	10002	87070			257	61512	60031	10310	65500	09301	86622			257	01091	07	+	pr.		
Tynemouth	262	51914	69021	10513	50930	09805	85359			262	01916	69021	09011	00900	08706				262	00111	08	+	+		
Carlisle	222	61806	67012	08213	45602	09707	84648	85072		222	72511	70251	07812	784//	11313	82818	84635	86645	222	97111	08	+	pr.		
Valley	302	71833	50811	07113	784//	12703	83811	87814		302	72622	70258	12111	684/2	07232	83814	85635		302	04101	08	pR	pR		
Ringway	334	21715	70011	11412	10938	09001	81369			334	71913	68601	12211	756//	10314	87640			334	01101	09	+	r.pr		
Squires Gate	318	71511	70022	09812	756//	10000	84638	86656		318	72616	65808	10612	734//	11321	82711	84917	86625	318	06111	10	pr.	prpr		
Ronaldsray	204	81710	62258	05813	884//	09813	81712	88816	88620	204	72516	75038	09711	784//	09232	82711	84816	87622	204	02101	09	pR	pR		
Mull of Galloway	131	82030	60606	05113	885//	12706	85820	86625		131	52718	82036	08610	55600	09230	85630			131	04091					
Eskdalemuir	162	71605	75258	08210	785//	08608	82820	83630	87650	162	72211	70258	07110	784//	08308	83710	85818	86630	162	02091	04	pr.	pr.pr		
Prestwick	135	72008	64258	05811	794//	11808	82917	86645		135	72610	80038	07111	784//	09323	81710	85818		135	13101	08	pr.pr	+		
Abbotsinch	140	71708	65618	05612	754//	10807	81715	83624	87638	140	42405	68018	06210	48301	09315	81709	83625		140	03091	08	pr.r.r.	pr.r.r.pr.		
Leuchars	171	60000	75031	07708	45632	07704	84635	84360		171	61713	75022	05111	45632	08709	84630	86070		171	00081	04	+	+		
Dyce	091	41814	84012	06311	15638	08812	81630	84275		091	71409	62801	05510	785//	09604	82820	87645		091	97061	02	+	pr.		
Lerwick	005	51914	60021	04610	25230	10508	81704	83359		005	11909	59031	04209	15500	08001	81625			005	97091	07	+	ir.		
Wick	075	11715	80021	04811	10932	09803	81359			075	71908	75601	04211	7563/	09604	82630	86645		075	91101	06	+	ir.		
Sule Skerry	010	71814	81811	03111	725//	09507	87820			010	31820	82028	03211	35500	09500	83625			010	01091	05				
Cape Wrath	049	62312	82258	03110	625//	08305	86820			049	42308	82018	02910	42500	06203	84820			049	96081	07	pr.	pr.		
Stornoway	026	72113	62808	02210	784//	09103	84818	86640		026	12706	80258	03109	19400	09311	81918			026	03071	05	pr.	pr		
Benbecula	022	71813	82018	02411	3843/	09207	81817	83635	87359	022	72713	75018	04310	785//	07219	83821	85635		022	03091	06	pr.pr	pr.		
Tiree	100	12016	80018	03411	18400																				

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

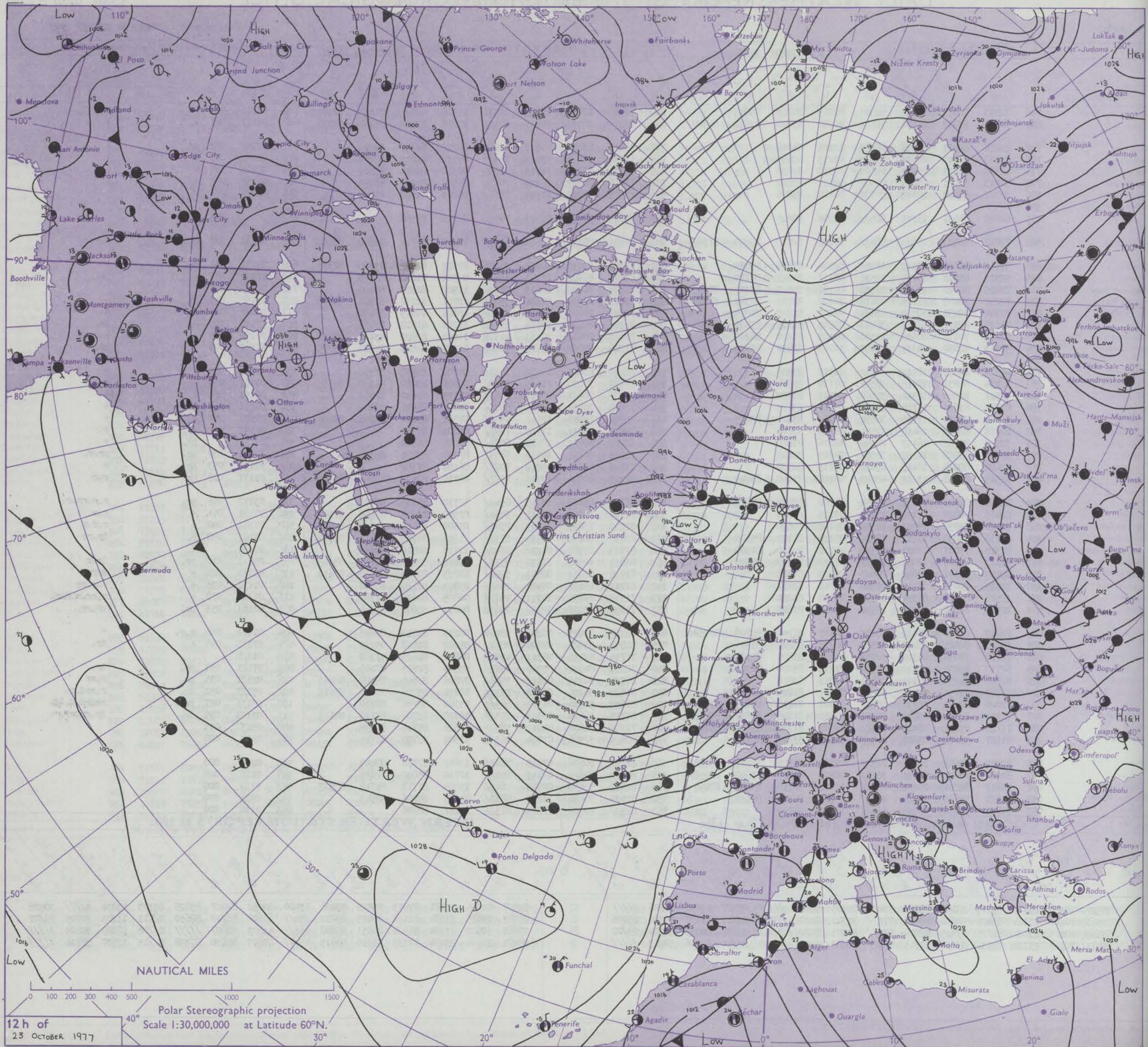
ISSN 0307-2541

No. 42340

Date of Issue MONDAY 24 OCTOBER 1977

Code FM II.V	OBSERVATIONS at 12h. 23 OCTOBER 1977										OBSERVATIONS at 18h. 23 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T ₊ E	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	72511	86031	20713	58501	07209	81825	85645		746	71908	82032	21811	21536	09308	82822	84365	87275	746	00141	058	+	+		
Hurn	862	62614	83038	21514	58534	09210	83826	83650	86070	862	82310	80032	22413	32527	10206	83820	83460	88270	862	00171	067	+	+		
Manston	797	52414	82801	20616	48402	11205	84818			797	52009	81038	23611	30942	09218	82360	84073		797	97180	073	pr.	+		
Gatwick	776	22413	84011	20916	22632	09213	82830			776	62108	81021	23011	14632	09311	81630	86075		776	00161	061	+	+		
Kew	775	22509	81021	20415	22601	07210	82830			775	32006	75021	22413	15630	08310	81640	83362		775	00161	068	+	+		
Heathrow	772	32413	82031	20415	32501	08111	83828			772	72010	70022	22213	20931	09309	82362	87075		772	00161	052	+	+		
Honington	586	32217	80020	19015	32500	06109	83826			586	61805	80021	21512	1567/	06213	81630	85362		586	00170	079	+	+		
Wattisham	590									590									590						
Gorleston	497	62219	64031	18915	625//	08208	86825			497	71805	66031	21913	7097/	08216	87360		497		075					
Aberporth	502	72017	81031	17613	5843/	10002	82818	85640	87360	502	81921	70212	16612	6542/	10810	81712	86640	88460	502	91131	028	+	r.r.		
Filton	628	52512	83018	20115	12541	09214	81825	83075		628	72307	81038	20413	21576	09302	82822	83360	87275	628	97151	041	pr.	+		
Rhoose	715	52313	83018	19815	18539	09111	81827	85175		715	82213	81032	19913	1552/	09504	81620	88460		715	97150	035	+	ir.		
Hartland Point	703	72625	80022	19013	32556	09106	83820	83360	87275	703	82620	74022	18613	2152/	11500	82820	88460		703	00140	051				
Mount Batten	827	72217	78028	21415	22472	10207	82818	83364	87075	827	82117	64032	21314	35477	12701	82712	84360	88275	827	97151	045	pr.	+		
St. Mawgan	817	72314	80031	20514	18474	07103	81815	87075		817	72115	70022	20113	21478	10804	82815	86460		817	00141	028	+	+		
Scilly	804	72118	80022	19514	3847/	09803	81818	83626	86360	804	82220	65216	18714	1242/	10706	81818	88457		804	97141</					

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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LOUD
Cloud
Amount
(oktas)

0
1 or less
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7 or more
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Obscured
by or
partial data.

OTHER
Weather

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and snow

showers
and snow
showers
showers
showers
showers

ND

Wind
speed
(knots)

Calm
1-2
3-7
8-12
13-17
Additional
add
48-52

CHARTS OF WEATHER IN WESTERN EUROPE

ation
mbols

LOUD
Cloud
Amount
(oktas)

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

Obscured
by fog or
other data.

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Weather

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ND

Wind
speed
(knots)

Calm

1-2

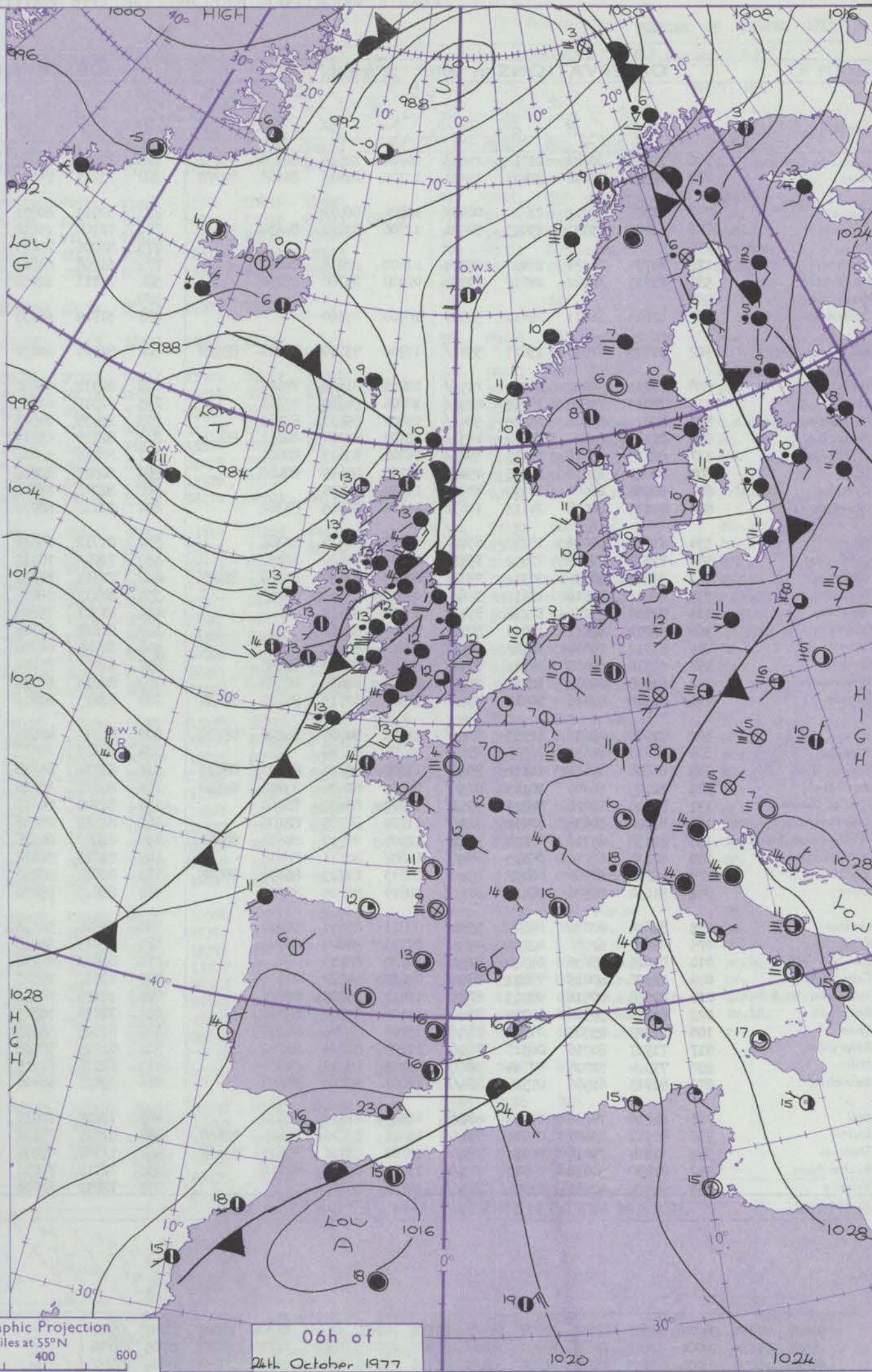
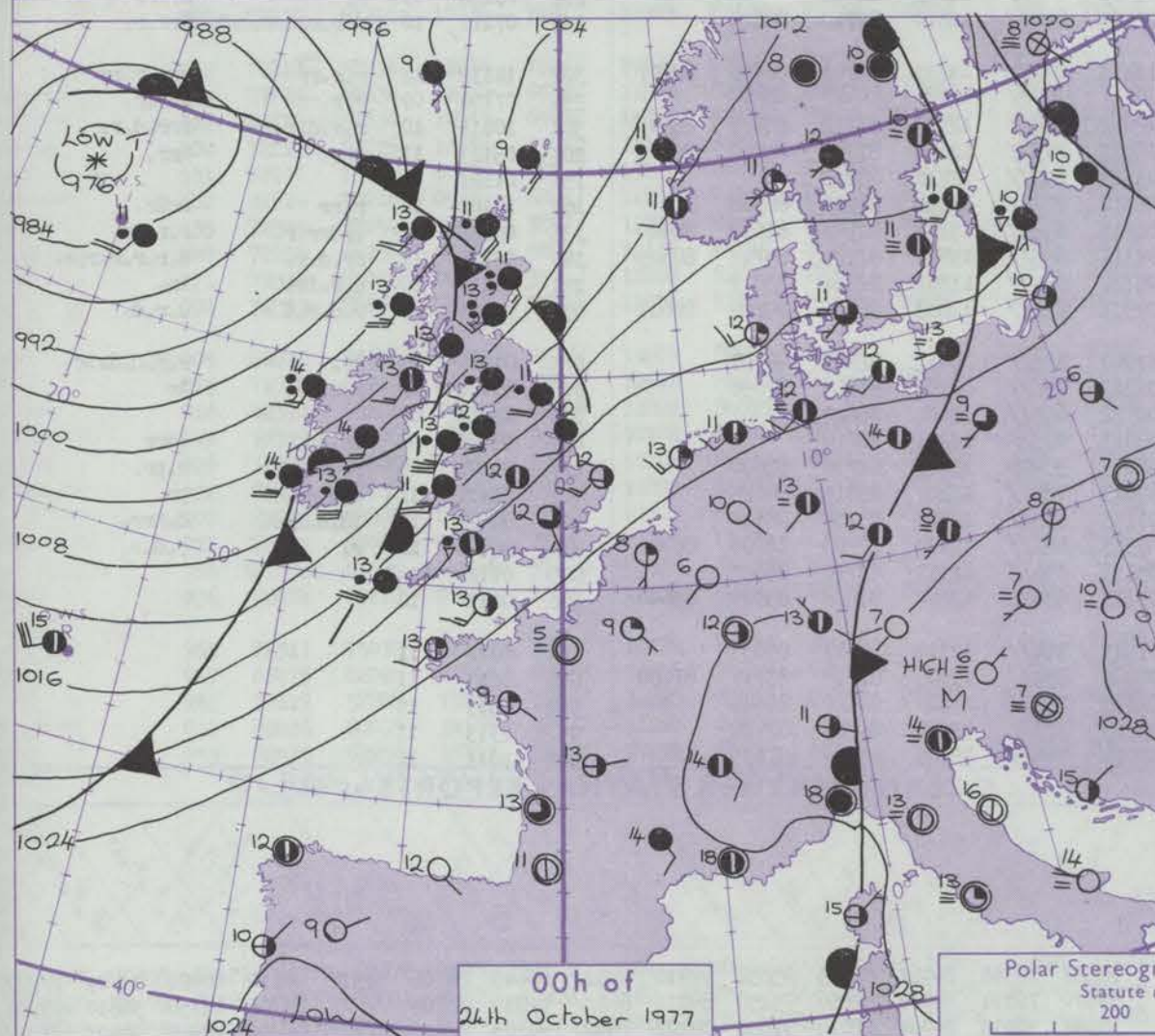
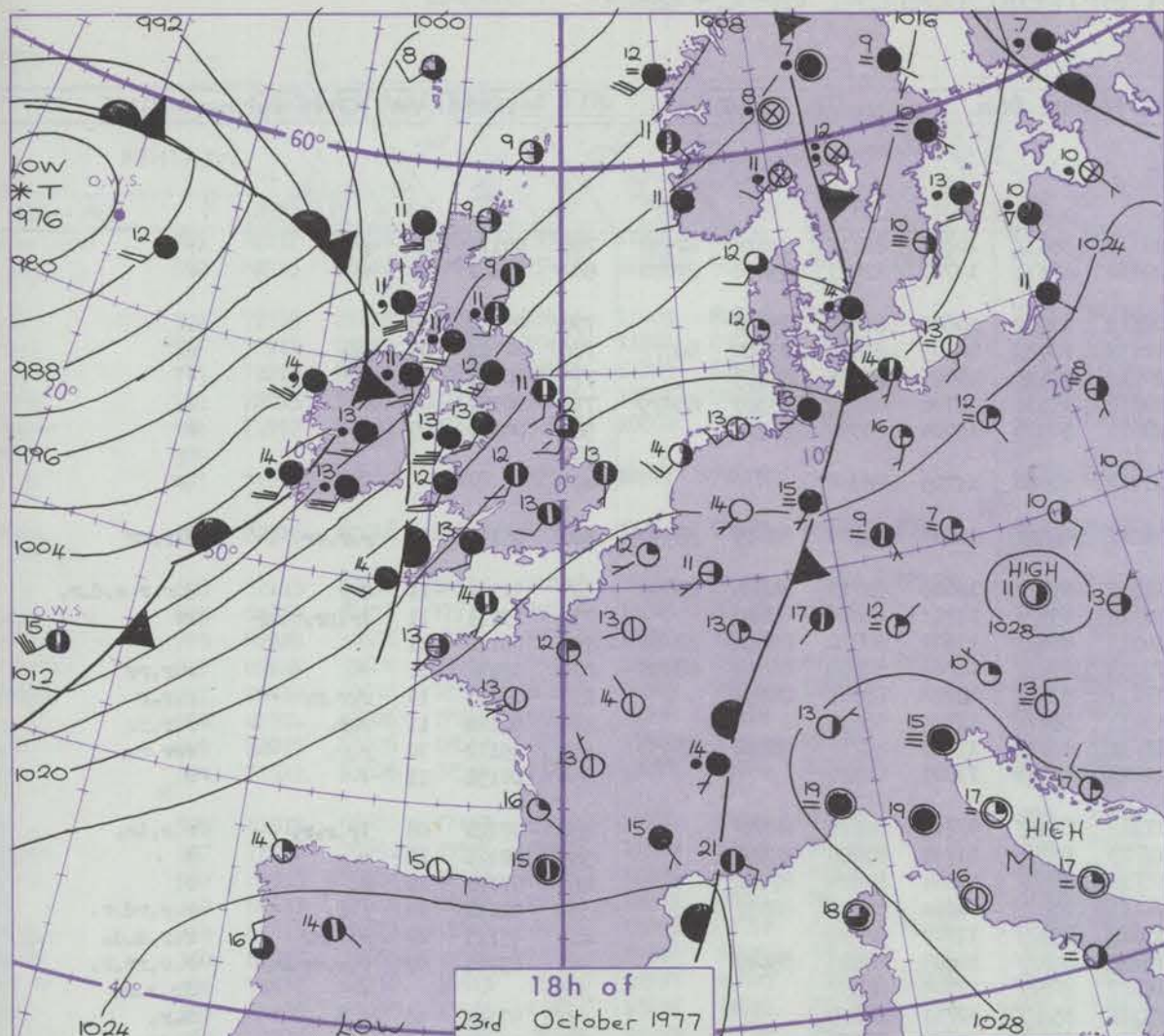
3-7

8-12

13-17

Additional
air 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 depression off northern Iceland has moved away steadily northeast, its associated cold front across west Norway to the Gulf of Lions moving away to the eastern Baltic to Genoa. A depression over the central North Atlantic has moved northeast and is now about 300 miles south of Iceland. Its associated frontal system has moved steadily east and now extends

across the Faeroes and Shetland to southeast Ireland and southwestwards. During the next 24 hours pressure will remain low across Iceland to Newfoundland and high across Europe to the Azores, thus maintaining a southwesterly airstream across the British Isles, in which frontal troughs will move steadily northeast.

Issued at midday MONDAY 24 OCTOBER 1977

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

OBSERVATIONS at 00h. 24 OCTOBER 1977										OBSERVATIONS at 06h. 24 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddrr	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddrr	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	72010	80022	21712	21438	10704	82815	86360	87272	746	72011	81022	19812	3543/	10708	81712	83618	87359	746	00111	09	+	+	
Hurn	862	62313	75012	22414	11431	11702	81815	84360	85070	862	72213	75012	20614	48531	11707	82821	83630	87070	862	00141	12	+	+	
Manston	797	61809	80012	23710	00902	10806	86072			797	52011	80031	22811	11402	10601	81812	85070		797	97100	08	+	+	
Gatwick	776	62108	75031	23013	58531	11706	83820	84634		776	72108	70218	21612	12432	10703	81815	83360	86072	776	97111	09	pr.	r.	
Kew	775									775	42006	75021	20912	45400	10605	81715	84625		775	00121	07	+	+	
Heathrow	772	61704	70031	22412	25434	11603	82619	86075		772	61708	80022	20812	15531	11706	81622	83360	85075	772	00121	09	+	+	
Honington	586	71913	70022	22012	30938	09400	83360	87270		586	71711	62032	20611	50976	10604	85359	86270		586	00110	09	+	+	
Wattisham	590									590														
Gorleston	497	52016	66011	22412	50930	10400	85360			497	51914	66031	21112	50930	11706	85360								
Aberporth	502	81923	62616	15811	5542/	11808	83710	84620	88528	502	81921	60636	14212	6532/	12803	84709	85615	88530	502	05111	10	r.r.r.r	r.r.r.r	
Filton	628	72213	80032	20313	755//	10803	81625	87645		628	82312	75606	18413	854//	10608	81712	84645	88656	628	91121	11	d.r.	d.r.r.r.d.r.	
Rhoose	715	72013	75808	19613	4257/	10706	84823	87360		715	82010	62638	17912	855//	11711	84620	88640		715	13111	11	ir.pr.r.r	rr	
Hartland Point	703	82425	74808	18213	5243/	12001	85819	88360		703	82430	74606	16512	5852/	11601	83820	85630	88460	703	06112	11			
Mount Batten	827	82120	64022	21314	4537/	12803	82707	84632	88464	827	82120	65612	19113	6542/	12708	83618	86630	88458	827	03131	11	+	r.r.r.r	
St. Mawgan	817	82115	65616	19913	3547/	11802	83613	88460		817	82116	58616	17811	3737/	10708	83707	88459		817	06111	10	r.r.r.r	r.r.r.r	
Scilly	804	82023	62616	18513	4542/	11705	84615	88460		804	82023	60616	15413	854//	11713	88615			804	08122	11	r.r.	r.r.r.r	
Culdrose	809	82018	66606	20113	8092/	11603	88459			809	82018	57616	17712	6542/	11710	83710	86620	88458	809	05112	10	r.r.	rrr.r.	
Guernsey	894	42117	80038	24113	11432	11602	81815	83362		894	52116	80012	22213	40932	11809	84360			894	00131	11	+	+	
Elmdon	534	71911	68016	19212	6547/	09801	86614	87362		534	81912	65616	17312	854//	09705	81615	88650		534	97121	08	ir.r.r.	r.r.r.ir.	
Cardington	559	72114	70022	21512	1557/	11602	81620	87359		559	72012	70012	19713	55508	11705	81620	85657		559	00121	10	+	+	
Wittering	462	81915	80032	20312	25757	09803	82650	85362	88275	462	71914	81606	18712	3557/	10504	83620	87460		462	97121	11	r.	r.	
Watnall	354	82012	75616	18611	3562/	09604	83640	88459		354	82113	70616	17111	3562/	10604	83645	88459		354	01111	09	r.r.	r.r.r.d.r.	
Shawbury	414	81910	73216	17212	854//	09704	88618			414	81307	75606	15612	854//	11709	88616			414	03111	07	r.r.r.r	r.r.d.d.	
Finningley	360	82012	68612	17011	8097/	09807	88460			360	81815	65606	15812	854//	10605	86618	88640		360	03111	09	r.r.r.r.r.	r.r.r.r.r.	
Spurn Point	396	81912	70032	18612	8097/	09603	88360			396	81915	66616	16912	8087/	11705	88357			396			+	ir.r.r.	
Leeming	257	81516	60608	14711	7542/	09809	87614	88558		257	81715	75606	13312	855//	10711	88620			257	97111	10	r.r.	r.r.	
Tynemouth	262	81918	80026	12511	2562/	08714	82630	88458		262	82013	66636	11813	8062/	11608	88531			262	06112	09	rr	rrir.	
Carlisle	222	82110	62636	10913	854//	11507	82713	84622	88630	222	82215	63616	09314	854//	12810	82713	88625		222	07121	10	rrr.r.d.r.d.r	rrr.r.	
Valley	302	81935	40636	12913	872//	13605	84703	86706	88708	302	81935	48616	11413	872//	13703	84703	86706	88707	302	14132	12	r.r.r.r	rrr.r.r.r	
Ringway	334	81915	60636	16511	856//	10805	88640			334	81813	65616	15311	854//	11607	86619	88650		334	07101	09	r.r.r.r	rrr.r.	
Squires Gate	318	81816	65616	14112	854//	11708	85714	85620	88635	318	81714	65636	12812	3542/	12708	81712	83625	88540	318	10111	10	r.r.d.r.r.r	rrr.d.r.	
Ronaldsway	204	82125	56606	10413	873//	12502	81706	83708	88710	204	82127	30616	08913	873//	12606	81708	85710	88713	204	05121	11	rrr.	rrr.	
Mull of Galloway	131	82140	70026	07813	3552/	12000	83620	88460		131	82140	74606	05513	855//	12710	88625			131	01121				
Eskdalemuir	162	81820	30636	10011	872//	11704	84705	88708		162	81822	25636	08312	872//	11708	86703	88706		162	34102	10	r.r.r	rrr.r.	
Prestwick	135	82118	65216	07713	7547/	12104	81710	84618	86640	135	82020	60626	06313	6532/	13706	82708	85612	88460	135	06121	11	rrdrr.r.	r.r.r.r	
Abbotsinch	140	82118	62216	06413	854//	12802	82711	88618		140	82013	56626	05314	853//	13809	82707	85711	88625	140	05122	11	rr.d.r.	d.r.r.r.r.r.r.	
Leuchars	171	82216	68586	06913	854//	10713	83715	86618	88624	171	82016	80216	05714	854//	11807	82714	88617		171	91111	10	d.r.ir.	ir.	
Dyce	091	81614	56586	06411	872//	10819	86705	88707		091	81613	75026	05313	853//	11808	81706	85708	88617	091	92101	09	r.d.r.d.r.	d.r.d.	
Lerwick	005	81614	80031	05609	5567/	08811	85634	88460		005	81814	50516	01910	872//	10612	82703	88707		005	01062	03	ir.		

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

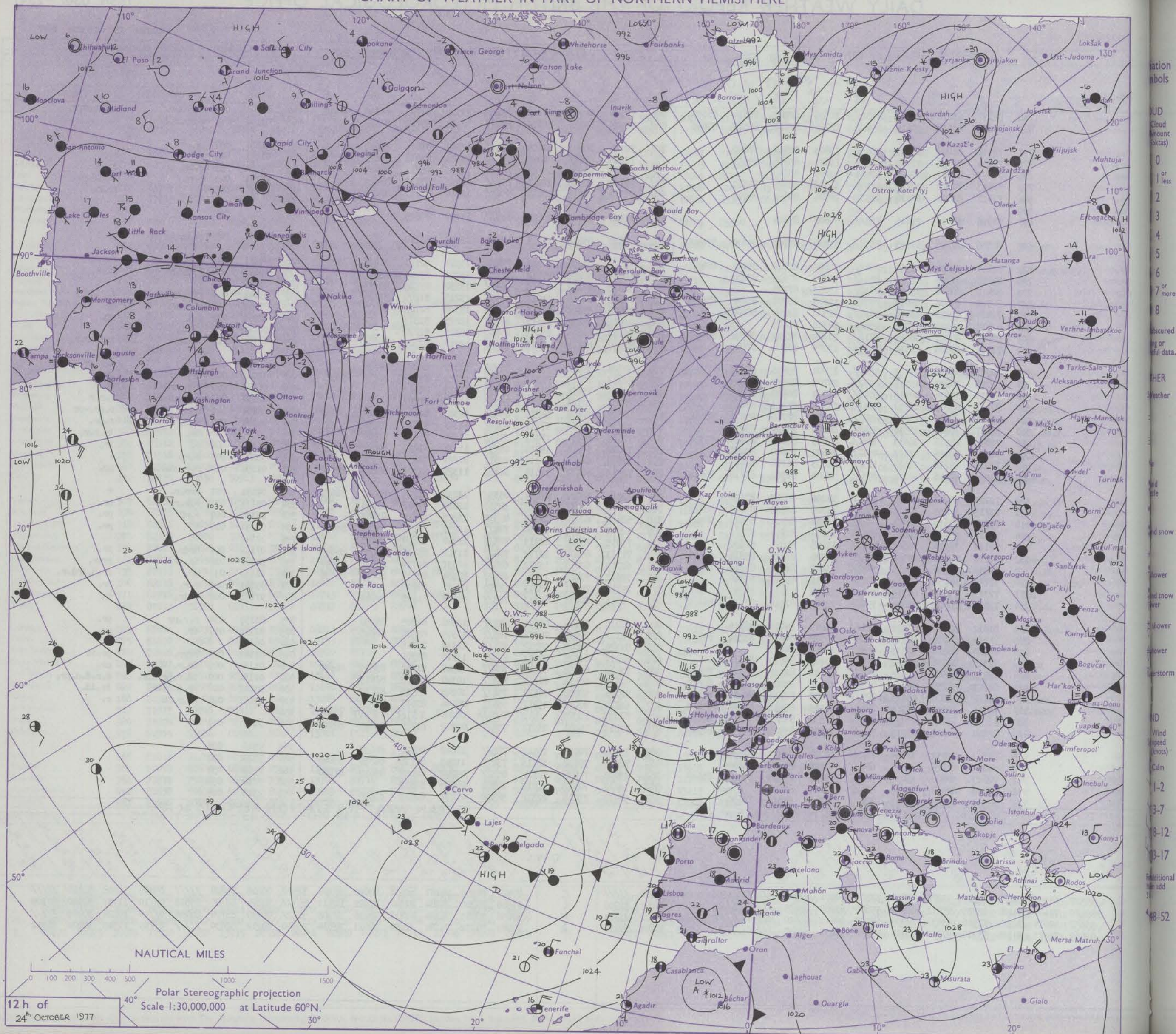
ISSN 0307-2541

No. 42341

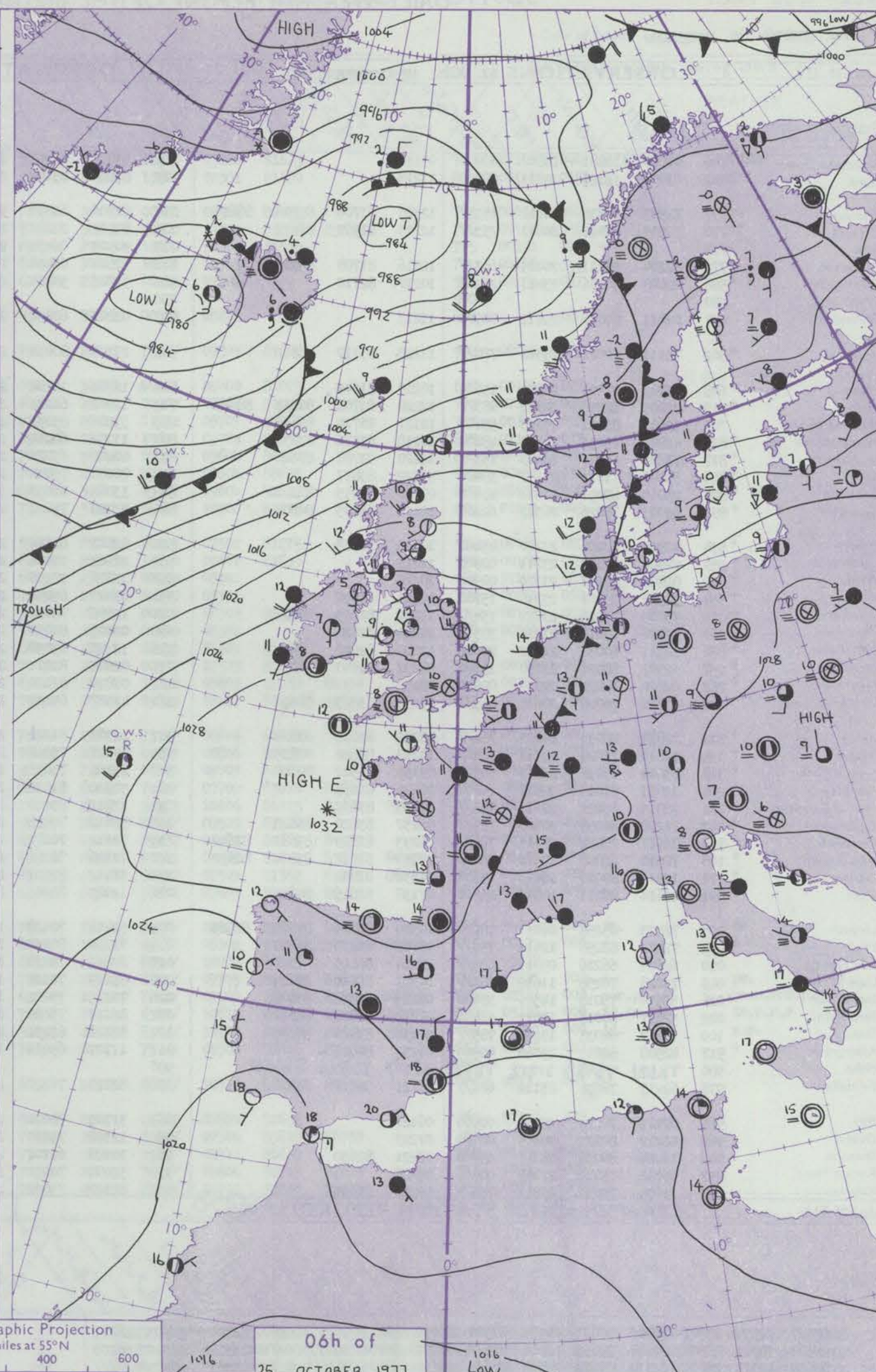
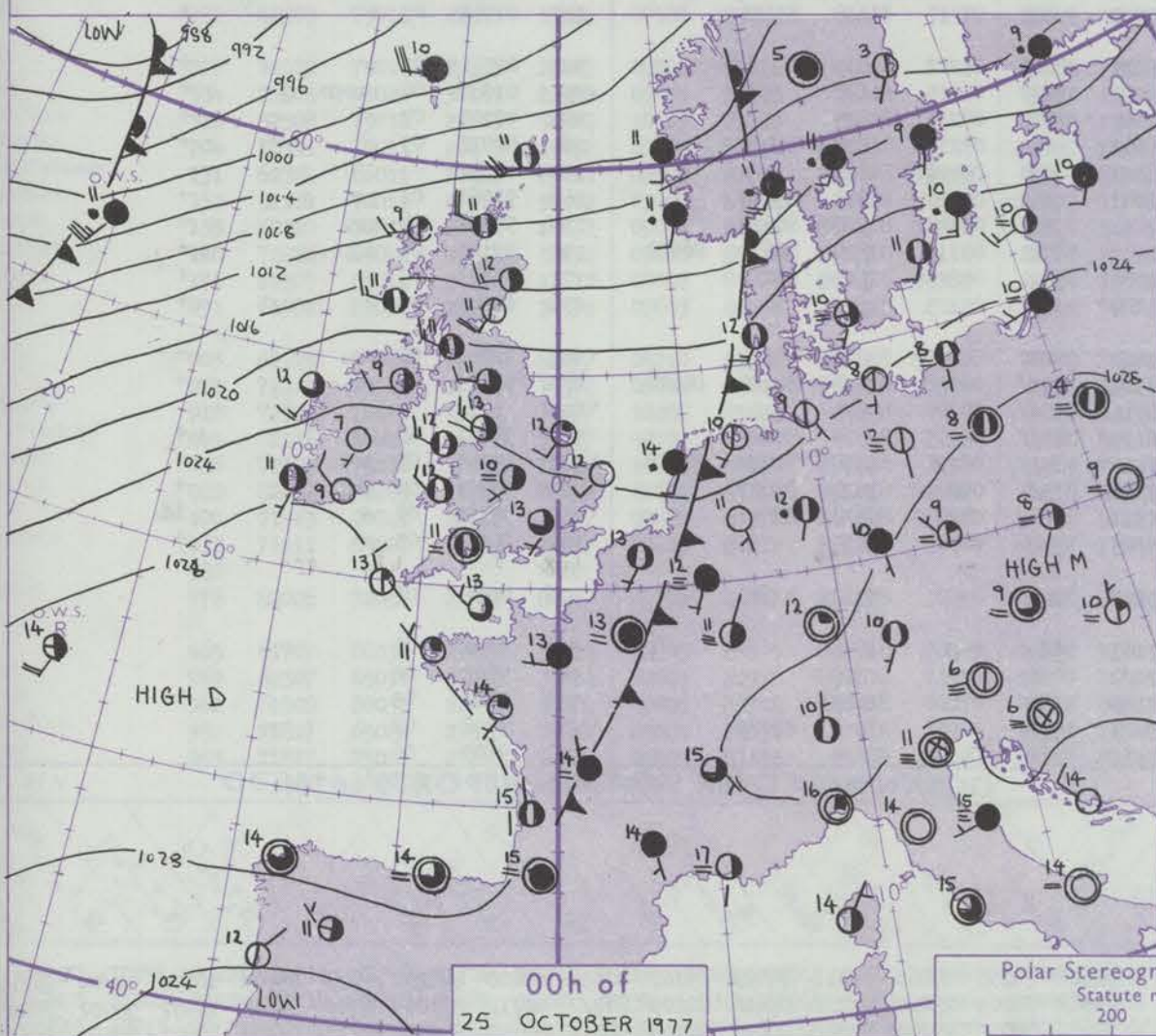
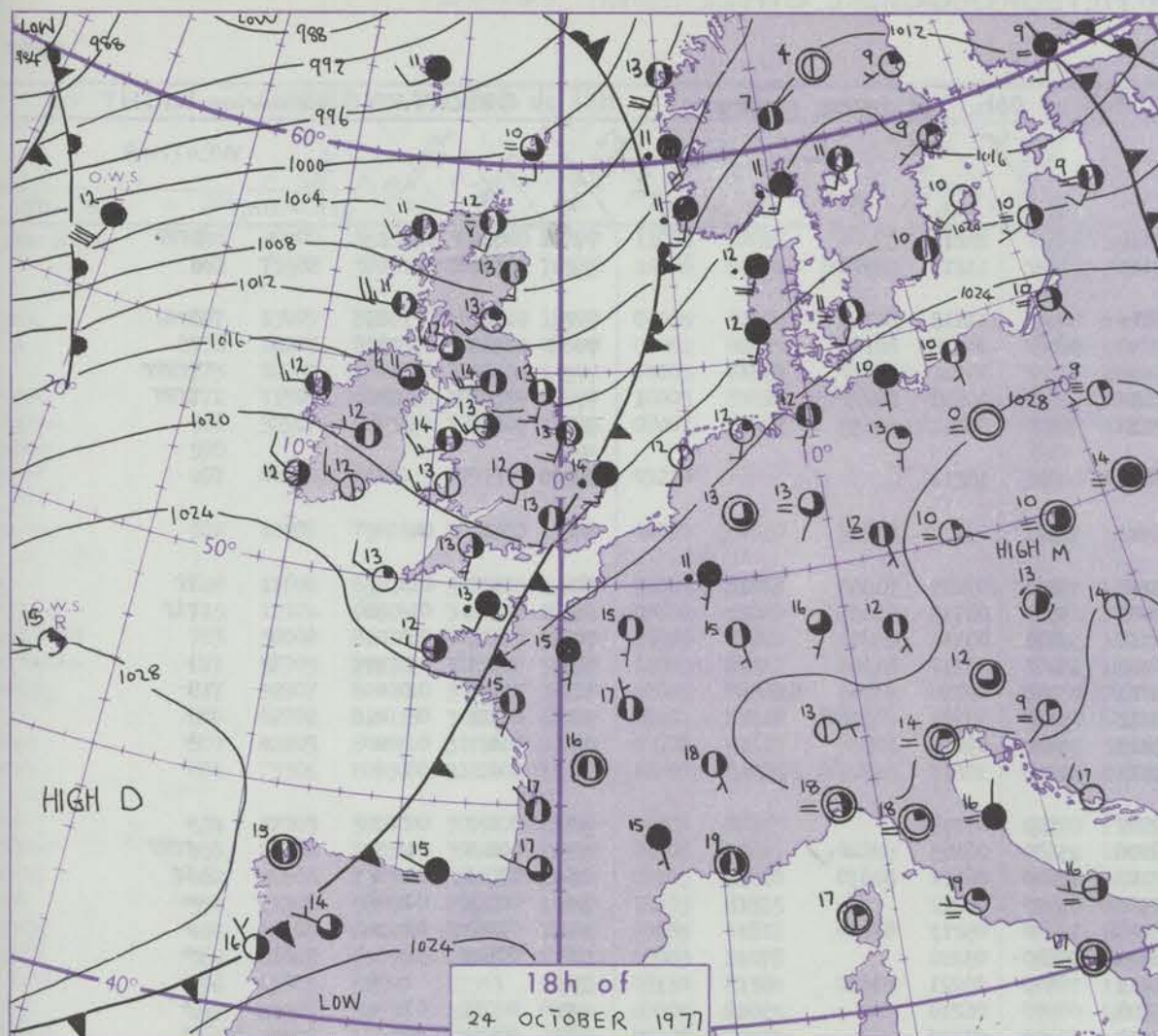
Date of Issue TUESDAY 25 OCTOBER 1977

OBSERVATIONS at 12h. 24 OCTOBER 1977											OBSERVATIONS at 18h. 24 OCTOBER 1977											OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M Ch _H	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h Ch _M Ch _H	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RR T x F	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	82117	63216	19813	7532/	11805	82709	85614	86650	746	72108	62216	21112	752//	12313	84705	84710	87640	746	03141	001	r.r.r.d.r.	r.d.r.d.r.			
Hurn	862	82215	60616	20615	854//	12804	82710	86612	88656	862	72208	62016	21614	754//	12312	85710	87618		862	03151	002	r.r.r.r.d.	d.			
Manston	797	72116	81038	22915	784//	11803	82816	87650		797	72114	70601	22514	754//	12308	83616	87640		797	91161	057	pr.	r.-d.			
Gatwick	776	72214	75022	21915	784//	11801	85816	85657		776	72208	62016	21813	6543/	11311	83618	86625	87359	776	01151	025	r.	r.r.			
Kew	775	72013	81022	20916	62571	11703	86822			775	72108	70206	21713	754//	11315	85712	87625		775	95161	039	r.ir.	r.r.d.			
Heathrow	772	72015	70032	20717	42551	11805	84823	85360		772	72108	68216	21413	754//	12312	83712	87623		772	95171	023	r.r.	r.r.d.r.			
Honington	586	71917	81022	20316	42532	10804	84822	85075		586	81910	56612	20413	854//	12310	86711	88618		586	01171	045	+	r.r.			
Wattisham	590									590									590							
Gorleston	497	71916	66032	21015	725//	10607	87825			497	81916	62601	20614	855//	11309	88625			497		067					
Aberporth	502	82316	62216	14913	7537/	13310	83707	85620	87650	502	12516	65018	19413	16400	12209	81710			502	04151	003	r.r.d.r.pr.pr	pr.			
Filton	628	82115	58636	18512	7542/	10802	81710	85640	88458	628	72408	60256	20313	784//	13319	82712	86816		628	04141	000	d.r.r.r.r.	r.r.pr.			
Rhoose	715	81913	67216	17712	854//	11805	87613	88630		715	62612	59256	20013	4833/	13222	83706	85360		715	10151	001	r.r.r.ir.	pr.pr.			
Hartland Point	703	82428	70606	15613	7732/	13003	87708			703	52812	60012	20313	5637/	13230	85708	83635		703	03141	002					
Mount Batten	827	82124	59606	19013	7532/	12606	85707	86630	88459	827	42807	60215	21513	48330	13218	81709	83625		827	03141	000	r.r.d.r.d.	d.r.r.r.			
St. Mawgan	817	72414	60016	18114	6627/	12306	82704	86706		817	72808	57108	21613	761//	13324	82702	86703		817	01161	016	r.r.pr.	pr.			
Silly	804	42314	56026	17816	45500	14218	84625			804	22912	65028	21613	28400	12223	81817			804	92161	036	pr.	pr.			
Culdrose	809	82015	40026	18613	6712/	13309	82702	86706	88459	809	22705	58015	22113	25400	12326	81710			809	01141	005	r.r.d.	+			
Guernsey	894	71915	63606	22514	7527/	13803	83704	87645		894	82210	40616	23113	850//	12210	82701	84702	85705	894	02151	010	ir.r.r.	ir.ir.r.r.			
Elmdon	534	81917	66616	17113	5542/	11804	85616	88459		534	52009	59046	19012	55300	11319	81709	84638		534	95131	000	r.r.	d.r.pr.			
Cardington	559	72216	70602	19515	2142/	10708	82815	87459		559	82213	70216	20313	853//	12312	83709	86714	88621	559	93161	002	ir.	ir.			
Wittering	462	81915	80616	18513	6542/	11804	86619	88557		462	72015	75016	19313	6543/	11313	86615			462	01141	000	r.r.r.r.r.	r.r.			
Watnall	354	82113	58616	16912	7742/	11803	87711	88460		354	72208	50106	18711	7633/	11317	87707			354	02131	000	d.r.r.r.r.	r.r.r.			
Shawbury	414	81811	64626	15412	854//	11806	82710	83713	85618	414	62308	72808	18213	634//	12323	81916	83820	86645	414	03131	001	r.r.r.	r.pr.-pr			
Finningley	360	82017	70606	15514	5542/	10806	85617	88459		360	52110	60016	17112	32442	11317	81815	83656		360	96141	001	r.r.	r.pr.			
Spurn Point	396	72018	68216	16613	3857/	11705	81820	83625	87360	396	72113	68216	17013	3567/	11307	83635	87360		396			ir.	ir.r.r.			
Leeming	257	81818	70026	13113	4547/	10602	84618	88460		257	72009	75026	15614	48530	11324	81820	84640	86359	257	91141	000	r.	ir.			
Tynemouth	262	81916	69216	11514	1637/	11603	81706	88458		262	72305	66022	14114	2567/	10221	82630	87358		262	96141	000	r.r.	+			
Carlisle	222	72414	67216	10114	783//	13203	82708	83712	86618	222	72513	62032	13614	6843/	11325	81712	85625	85362	222	01151	010	r.r.r.d.r.	pr.			
Valley	302	72123	57216	12414	752//	14206	86705	87624		302	72415	58022	17414	6533/	13230	81706	83620	86624	302	04151	021	r.r.r.r.	+			
Ringway	334	81715	60636	14912	6542/	11803	82712	85618	88458	334	31908	60018	17712	38560	12224	81822	83656		334	05131	001	r.r.r.r.	pr.			
Squires Gate	318	81714	57636	12913	6542/	12801	82714	85620	88545	318	52414	62036	16413	48530	13225	82820	83645		318	03141	001	r.r.r.	pr.			
Ronaldsway	204	72213	63016	10814	25432	13113	81711	87073		204	72614	70158	15814	784//	11230	81711	85632	85650	204	91151	014	+	pr.			
Mull of Galloway	131	72120	78016	09613	785//	13228	84825	87630		131	73015	78028	14913	785//	12340	84820	87625		131	94141						
Eskdalemuir	162	81914	70216	09312	884//	11206	83710	85818	88640	162	72113	60808	12712	784//	11321	83710	84818	86640	162	07132	001	r.r.d.	pr.			
Prestwick	135	72314	77256	08415	3857/	11212	81820	85361	86364	135	62715	62018	13412	6843/	10337	81714	83622	85640	135	94161	018	ir.pr.	pr.pr.			
Abbotsinch	140	72215	68258	07314	5843/	12111	84818	85360		140	72613	70028	11412	6847/	10334	82818	83628	85656	140	01151	032	pr.	pr.d.r.d.r.			
Leuchars	171	72313	75016	06715	3543/	12208	82715	87359		171	22316	75251	08813	28500	09317	81820			171	93161	021	r.r.	pr.			
Dyce	091	72012	80606	05014	35478	12501	81712	83616	86360	091	71713	82036	06813	785//	10211</											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression south of Iceland moved northeastwards into the Norwegian Sea whilst its associated frontal troughs crossed the British Isles. An anticyclone near the Azores extended its ridge northwards behind these troughs and developed a new high centre over

the Southwest Approaches. During the next 24 hours this high centre will move slowly eastwards into the Low Countries, whilst pressure will remain low to the north of the British Isles.

Issued at midday TUESDAY 25 OCTOBER 1977

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

OBSERVATIONS at 00h. 25 OCTOBER 1977											OBSERVATIONS at 06h. 25 OCTOBER 1977											OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T T _n E	T _g T _g	WEATHER				
																						21h.--03h.	03h.--09h.			
Boscombe Down	746	00000	10281	24809	00900	09116				746	93105	01471	28110	91111	10215	89/00				746	00081	03	f	ffff		
Hurn	862	03003	14284	24811	00900	11215				862	83206	45104	28111	86211	11217	88704				862	00061	04	f	f		
Manston	797	72507	62036	24512	75311	12308	81706	85708	86650	797	62706	60031	27111	66411	11215	86710				797	01101	07	d.d	drd.		
Gatwick	776	72505	62022	24613	75311	12215	81707	87617		776	83002	22284	27710	86011	10218	88701				776	00061	03	1fF	FF		
Kew	775									775	90000	02454	27810	91111	10222	89111				775	00101	04	+	fffff		
Heathrow	772	62204	59011	24413	66311	12216	81708	86713		772	92601	01454	27610	91111	10218	89111				772	97091	05	+	1fFF		
Honington	586	22008	50106	23411	26400	10217	82710			586	52906	30101	27110	55600	09222	85635				586	91081	05	+	+		
Wattisham	590									590																
Gorleston	497	02411	60026	23212	00900	11213				497	02807	60020	26810	00900	10213					497						
Aberporth	502	73111	80021	25512	78411	11228	83710	86822		502	23107	80011	28511	18501	09111	81822				502	00081	04	+	+		
Filton	628	12403	57101	24811	15600	10219	81640			628	12703	10104	28210	15700	09215	81650				628	00051	01	f	ff		
Rhoose	715	82605	62258	24913	88311	12220	81708	86813	88625	715	12902	66121	28409	15500	08115	81625				715	94071	01	pr.	f1f		
Hartland Point	703	52603	83011	25413	55400	12121	81714	85641		703	53505	85031	28712	52411	09314	85818				703	00120	08				
Mount Batten	827	42803	75251	26311	48400	10218	83816	83630		827	11102	60010	29409	15401	08217	81616				827	92071	03	pr.	+		
St. Mawgan	817	73210	62021	26813	75311	12220	83706	87620		817	40202	65021	29711	48300	09214	81708	83810			817	00091	02	+	+		
Scilly	804	33309	71011	27113	38400	11222	83817			804	70000	75021	29412	75411	10208	87616				804	00111	08	+	+		
Culdrose	809	43010	60051	27012	48400	07120	82815	83620		809	33002	60050	30010	38400	09214	82815				809	91071	02	+	+		
Guernsey	894	63007	75026	26313	62200	12114	83705	84808		894	33004	75021	29111	31300	10212	81707	83810			894	00111	08	+	+		
Elmdon	534	42305	60108	23710	45400	10225	84618			534	02702	64114	27807	00900	07218					534	00051	00	f	+		
Cardington	559	02508	50101	23711	00900	11218				559	22702	01464	28006	25600	06223	82640				559	00041	01	f	ffff		
Wittering	462	02409	56101	23310	00900	10220				462	12606	30110	27707	15600	06121	81630				462	97061	01	+	1f		
Watnall	354	12507	30101	23110	15700	10221	81650			354	02402	65010	27507	00900	06222					354	00061	00	+	+		
Shawbury	414	73005	75218	23912	75411	11230	81615	87620		414	12806	78011	27408	15600	05213	81630				414	91061	02	r.	+		
Finningley	360	32706	67018	21912	38500	10224	81820			360	02005	80010	26406	00900	05220					360	00041	51	+	+		
Spurn Point	396	22311	60031	21012	25600	11220	82640			396	12708	63030	25711	15600	09221	81630				396				+		
Leeming	257	12907	82026	21210	15600	08232	81640			257	02602	82011	25708	00900	06219					257	00071	01	+	+		
Tynemouth	262	02610	69021	19911	00900	08235				262	02810	81020	25110	00900	07223					262	00091	06	+	+		
Carlisle	222	62710	70028	20611	68511	09230	81823	86637		222	42507	65031	25209	35602	07217	81638	83650			222	00091	05	+	+		
Valley	302	72814	80031	24612	78411	08232	81618	87624		302	22707	81020	27709	28400	08212	81813				302	00091	02	+	+		
Ringway	334	72810	75026	23712	78511	10232	81820	87635		334	12807	75028	27510	15600	06115	81630				334	01081	06	r.rpr.	+		
Squires Gate	318	53014	75038	23113	58500	09135	81822	84640		318	23008	75031	26912	28500	08216	81825				318	00101	07	+	+		
Ronaldsway	204	12913	81011	22810	15600	06126	81637			204	52705	81031	26509	28402	07213	81818	85075			204	00071	03	+	+		
Mull of Galloway	131	72815	83022	22211	75611	07233	87635			131	12712	83020	26210	10930	08216	81365				131	00091					
Eskdalemuir	162	72208	80258	20409	78511	06237	83820	86628		162	52612	70028	24908	22432	05320	82819	83075			162	91061	02	pr.	+		
Prestwick	135	72917	75028	20411	78511	06233	81823	83637	87640	135	72612	70022	24911	78511	08214	81820	86627			135	97091	08	pr.	+		
Abbotsinch	140	72510	62808	19510	78411	09240	81712	83814	86632	140	72206	70028	24211	68571	08119	81820	84632	86650		140	92101	07	d.pr.	+		
Leuchars	171	12319	80010	16011	15600	06132	81640			171	52412	82031	22309	15641	05228	81640	85075			171	00081	05	+	+		
Dyce	091	42614	84011	14012	45500	07138	81625	84650		091	12403	82011	21008	15601	05225	81630				091	00071	01	+	+		
Lerwick	005	72423	65258	06011	78211	10336	82705	84709	87623	005	52418	70028	13610	58400	08231	82815	85625			005	92091	07	pr.	+		
Wick	075	72818	82258	12411	78511	09246	84820	86642		075	72314	80038	18310	78411	06124	82818	84626	86640		075	97071	05	pr.	+		
Sule Skerry	010	62625	66216	09911	65511	09244	86625			010	82625	74038	16512	85511	10224	88625				010						
Cape Wrath	049	73028	70258	11610</																						

OCEAN WEATHER

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

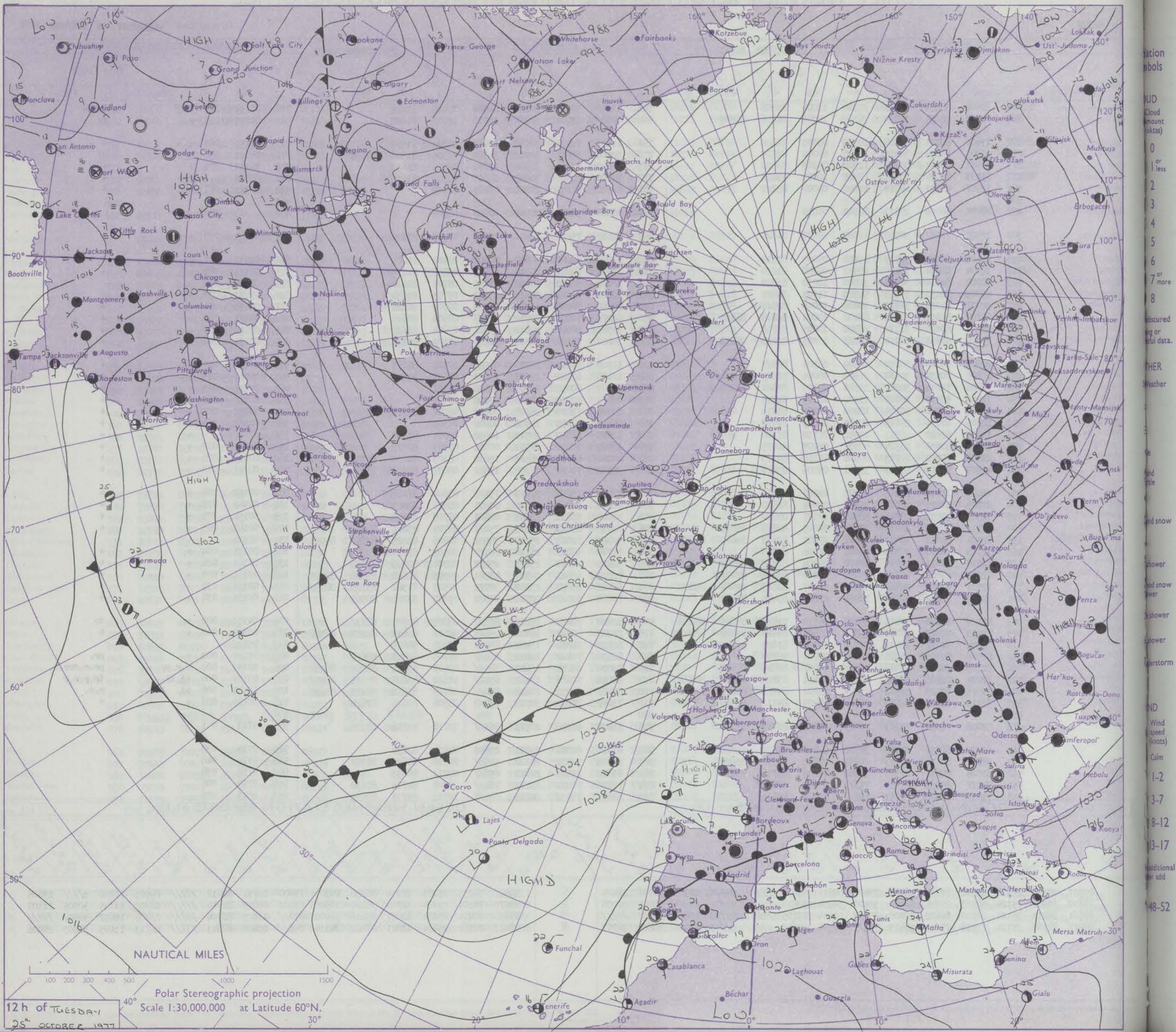
No. 42342

Date of Issue WEDNESDAY 26 OCTOBER 1977

Code FM II.V		OBSERVATIONS at 12h. 25 OCTOBER 1977										OBSERVATIONS at 18h. 25 OCTOBER 1977										OBSERVATIONS during DAY					
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T E	SSS	WEATHER					
																						09h.-15h.	15h.-21h.				
Boscombe Down	746	20000	58054	30713	22300	11006	82808			746	11807	58050	30110	14500	09400	81625			746	97151	044	ifff	ifff				
Hurn	862	73502	58054	30913	763//	12006	84706	86708		862	10000	12401	30310	15500	10301	81620			862	00141	015	+	ff				
Manston	797	13409	83021	29714	18500	09005	81820			797	11602	72021	30110	00901	08302	81075			797	00151	062	+	+				
Gatwick	776	20205	66034	30215	28500	09002	82825			776	32304	50041	30212	34500	11304	81826	83635		776	00161	056	+	if				
Kew	775	12901	60024	30314	11500	09203	81820			775	10000	65110	29908	15600	08302	81630			775	00151	071	+	+				
Heathrow	772	13503	61024	30315	11440	10003	81818			772	10000	62020	30013	14601	10303	81635			772	00160	053	FF	+				
Honington	586	32907	68031	29714	31500	08007	83822			586	01902	61010	29909	00900	07306				586	00151	081	+	+				
Wattisham	590									590									590								
Gorleston	497	00000	66020	29913	00900	09210				497	00000	58050	30312	00900	08208				497		080						
Aberporth	502	12509	75021	30513	11501	10000	81820			502	72110	75031	29411	755//	09503	87620			502	00151	057	+	+				
Filton	628	11604	65024	30715	11401	09005	81818			628	12203	65020	30010	00901	08400	81075			628	00151	077	f	+				
Rhoose	715	12104	68024	31015	18531	09009	81820			715	13102	68020	29910	00902	08803	81075			715	00151	087	+	+				
Hartland Point	703	30000	82010	30914	32500	10010	83820			703	32008	82021	29412	11432	08707	81816			703	00140	056						
Mount Batten	827	52905	73031	31515	54500	11005	84822			827	12103	63041	30411	15631	09703	81630			827	97151	077	+	+				
St. Mawgan	817	32907	82020	31813	38400	10006	82814			817	70000	70031	30512	655/2	09604	86620			817	00151	084	+	+				
Scilly	804	62702	81012	31315	68400	10004	82818	86628		804	82207	70031	29912	855//	09804	88625			804	00151	032	+	+				
Culdrose	809	42205	80020	31714	48400	10005	83818			809	32304	80020	30611	25501	09604	82625			809	00150	090	+	+				
Guernsey	894	73306	80031	31214	783//	11003	82709	86812		894	10000	78111	31311	18402	10302	81818			894	00151	049	+	+				
Elmdon	534	22003	59040	30214	28500	06106	82827			534	11903	59040	29709	00901	07502	81075			534	00151	089	+	+				
Cardington	559	22706	70034	30514	21500	08004	82825			559	12106	62020	29708	15600	07601	81635			559	00161	085	+	+				
Wittering	462	22606	75034	30213	21500	09105	82820			462	02002	60050	29709	00900	08301			462	97141	083	+	+					
Watnall	354	12206	58050	29814	11400	10103	81815			354	02605	40050	29310	00900	08301			354	00151	062	+	+					
Shawbury	414	12104	80020	30114	18400	09005	81818			414	12506	72020	28909	00902	08702	81075			414	00151	087	+	+				
Finnigley	360	12605	61050	29115	00901	08003	81078			360	02505	59050	28410	00900	08302			360	00161	083	+	+					
Spurn Point	396	12805	62020	29313	10971	08110	81360			396	11805	66020	28511	10940	09001	81360			396			+	+				
Leeming	257	21507	82030	28314	00901	08003	82075			257	12105	70020	27911	00901	07303	81075			257	00171	087	+	+				
Tynemouth	262	22508	69020	27713	00908	07106	82275			262	42004	69020	26512	15630	08603	81630	84359		262	00161	076	+	+				
Carlisle	222	42509	75011	27813	35531	09106	83623			222	32703	70020	26209	15642	08607	81633	83074		222	00141	080	+	+				
Valley	302	22019	75011	29313	25402	09006	82616			302	72122	75021	27613	754//	08606	87614			302	00141	068	+	+				
Ringway	334	22005	59021	30113	21502	09004	82820			334	11506	58020	28811	00901	08806	81075			334	00141	078	+	+				
Squires Gate	318	52508	75031	29513	58501	10107	84820			318	11402	57111	27608	00901	08709	81072			318	00151	075	+	+				
Ronaldsway	204	52311	70011	28413	21432	09005	82816	85075		204	72117	68021	26212	754//	09709	83616	87619		204	00141	063	+	+				
Mull of Galloway	131	62324	66011	27412	25611	09802	82630	84460	86075	131	52327	72021	25212	38501	10806	81825	83630	85075	131	00131							
Eskdalemuir	162	32114	70011	27311	38402	07208	83818			162	71706	58051	26110	764//	08503	87710			162	00131	064	+	+				
Prestwick	135	72310	70031	27012	18472	09004	81818	84365	86070	135	52215	62021	25111	25432	08301	82615	84075		135	00141	026	+	+				
Abbotsinch	140	72214	65042	26212	32432	09006	83818	87072		140	72213	65042	24311	45501	09503	82622	83626	86075	140	00131	010	+	+				
Leuchars	171	72521	64032	24512	11572	08007	81825	84462	85365	171	62412	65022	23310	30972	07503	81362	83365	86070	171	00131	037	+	+				
Dyce	091	61904	82021	22113	30972	07603	83465	86072		091	70000	62042	20511	70972	07603	83362	86365		091	00131	030	+	+				
Lerwick	005	82223	68026	17011	884//	09210	81812	84625	88636	005	82020	70022	15911	855//	08805	82620	88637		005	94111	000	ir.	ir				
Wick	075	72113	75022	19911	15572	08801	81620	85359	87362	075	72213	80022	18412	25678	06102	82640	84359	86362	075	00121	000	+	+				
Sule Skerry	010	72328	74012	18112	755//	10206	87625			010	82330	66022	15412	855//	10809	88625			010	95122							
Cape Wrath	049	82326	80022	16211	864//	08707	88710			049	82330	70022	14411	884//	09705	84810	88620		049	95121	002	+	pr.				
Stornoway	026	72125	75216	17812	7843//	10807	82816	87622		026	72230	63258	15612	7843//	09509	85814	85650	86359	026	02131	002	r.r.r.pr.	pr.r.r.pr.r.				
Benbecula	022	82022	72205	19712	854//	10601	83712	85614	88622	022	82020	70606	17412	6547//	10610	83618	85625	88459	022	03121	000	id.ir.	ir.r.r.r.r				
Tiree	100	71923	60025	22512	754//	09802	81712	86618	87640	100	81921	59052	20413	854//	10709	81612											

OCEAN WEATHER STATION REPORTS at 12h.														OCEAN WEATHER STATION REPORTS at 18h.																
Code FM 21.V	O.W.S.													O.W.S.																
	99 L _a L _a L _a	Q _c L _o L _o L _o L _o	YYGGiw	Nddff	VVwwwVW	PPPTT	N _h Ch _h Ch _h	D _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w		99 L _a L _a L _a	Q _c L _o L _o L _o L _o	YYGGiw	Nddff	VVwwwVW	PPPTT	N _h Ch _h Ch _h	D _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	
C	99527	70355	25121	82012	97258	01706	73402	00816	86918	////	05504	10969	30706	26409		C	99527	70355	25181	72214	98258	94307	73400	00731	86918	////	05505	10996	3////	23408
L	99570	70202	25124	32718	99016	06509	32400	00234	83818	////	0//02	11144	30805	22008		L	99570	70201	25184	22714	98160	10508	29402	00219	81914	////	0//02	11149	30705	21109
M	99661	10013	25124	82228	96602	99708	852//	51114	85705	88612	0//08	10837	30807	22008		M	99658	10014	25184	82037	95616	96608	872//	41825	88704	////	0//09	10857	30809	21109
R	99472	70168	25124	72018	97012	26415	756//	00705	87643	////	0//13	11494	30602	26907		R	99472	70169	25184	72021	97022	24114	756//	00400	87643	////	0//13	11495	30603	28006

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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
by fog or
other data.

WHER
Weather

ne

Wind
gale

and snow

shower

and snow
shower

y shower

shower

waters storm

ND

Wind
speed
(knots)

Calm

1-2

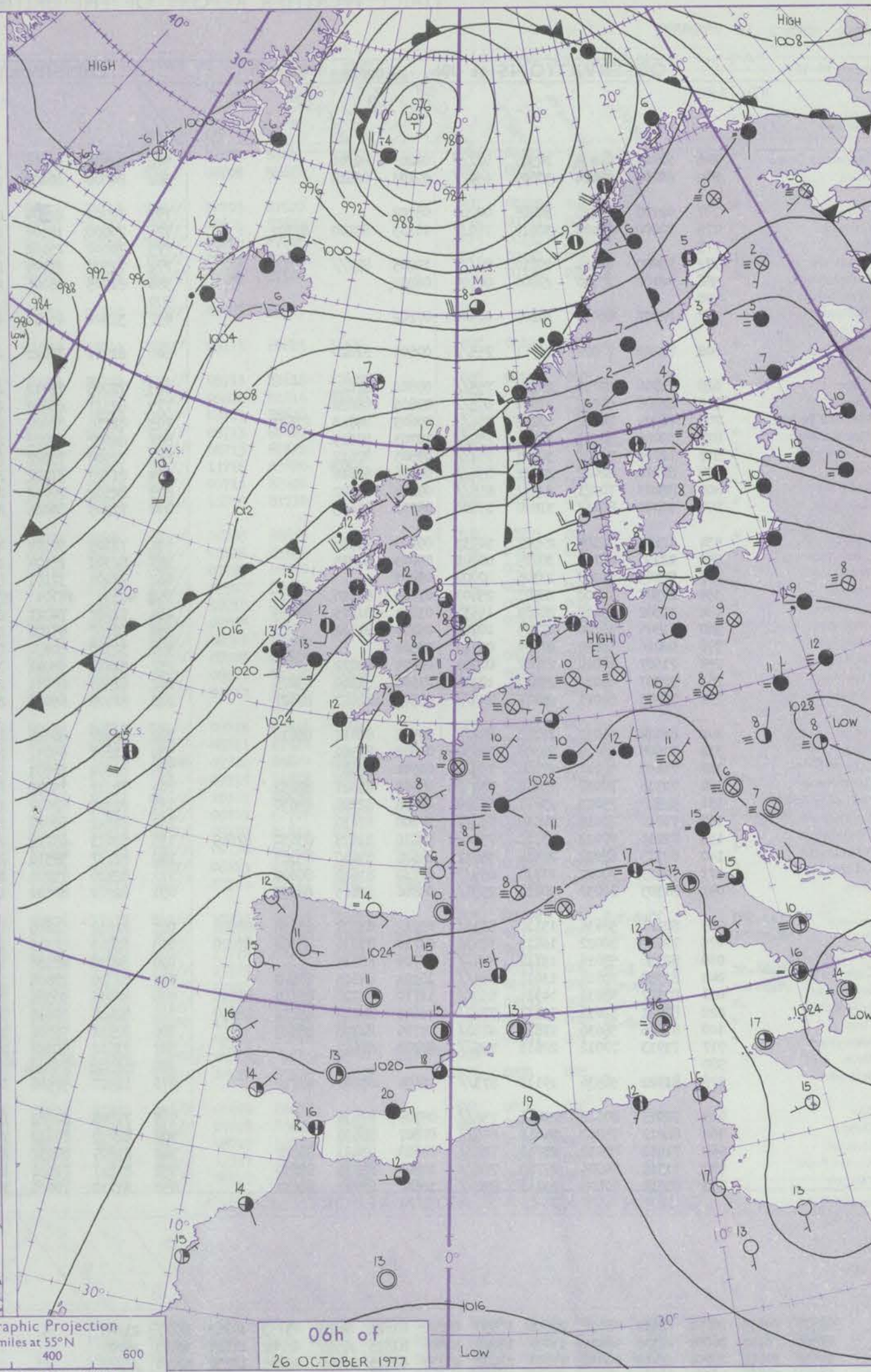
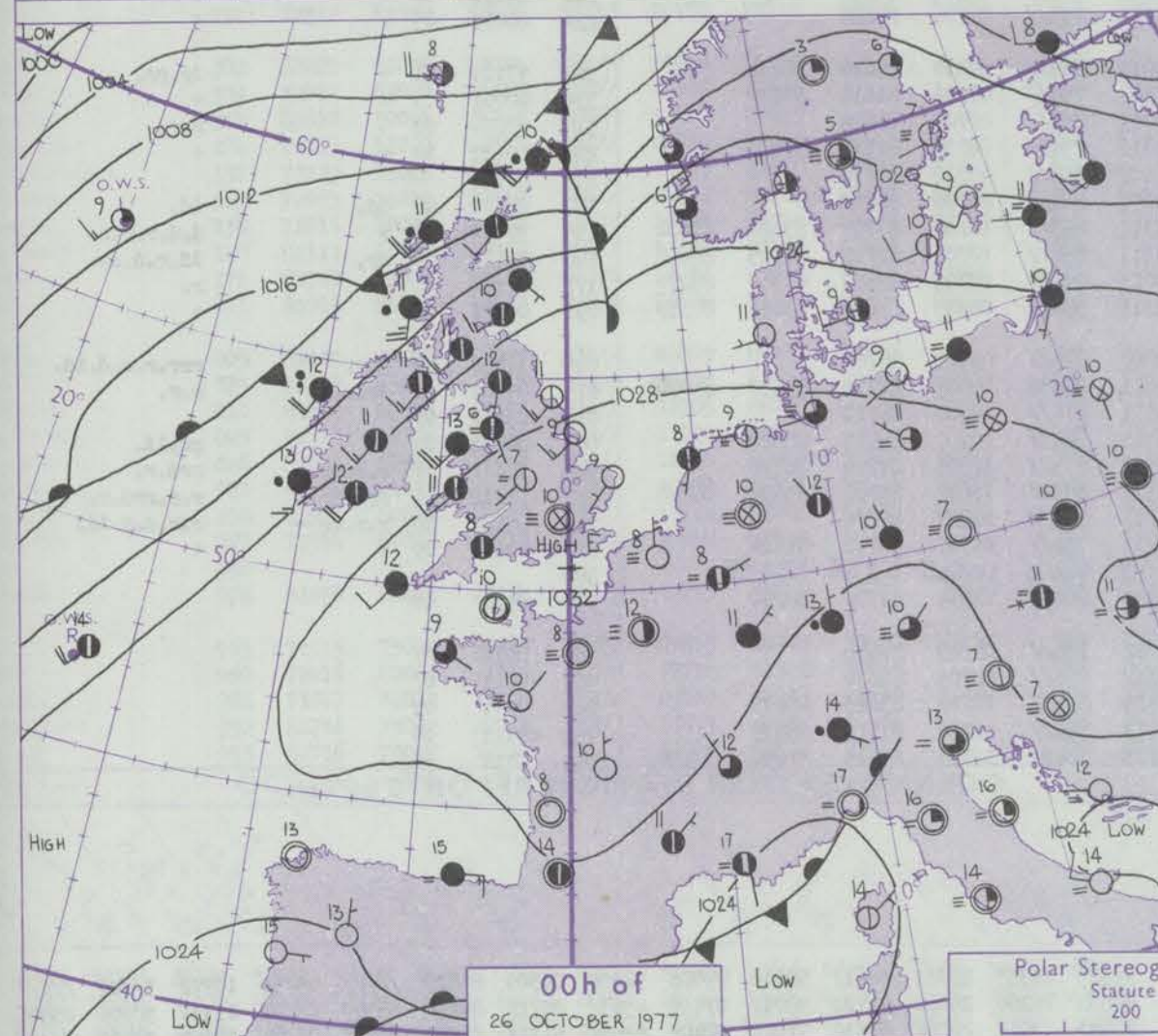
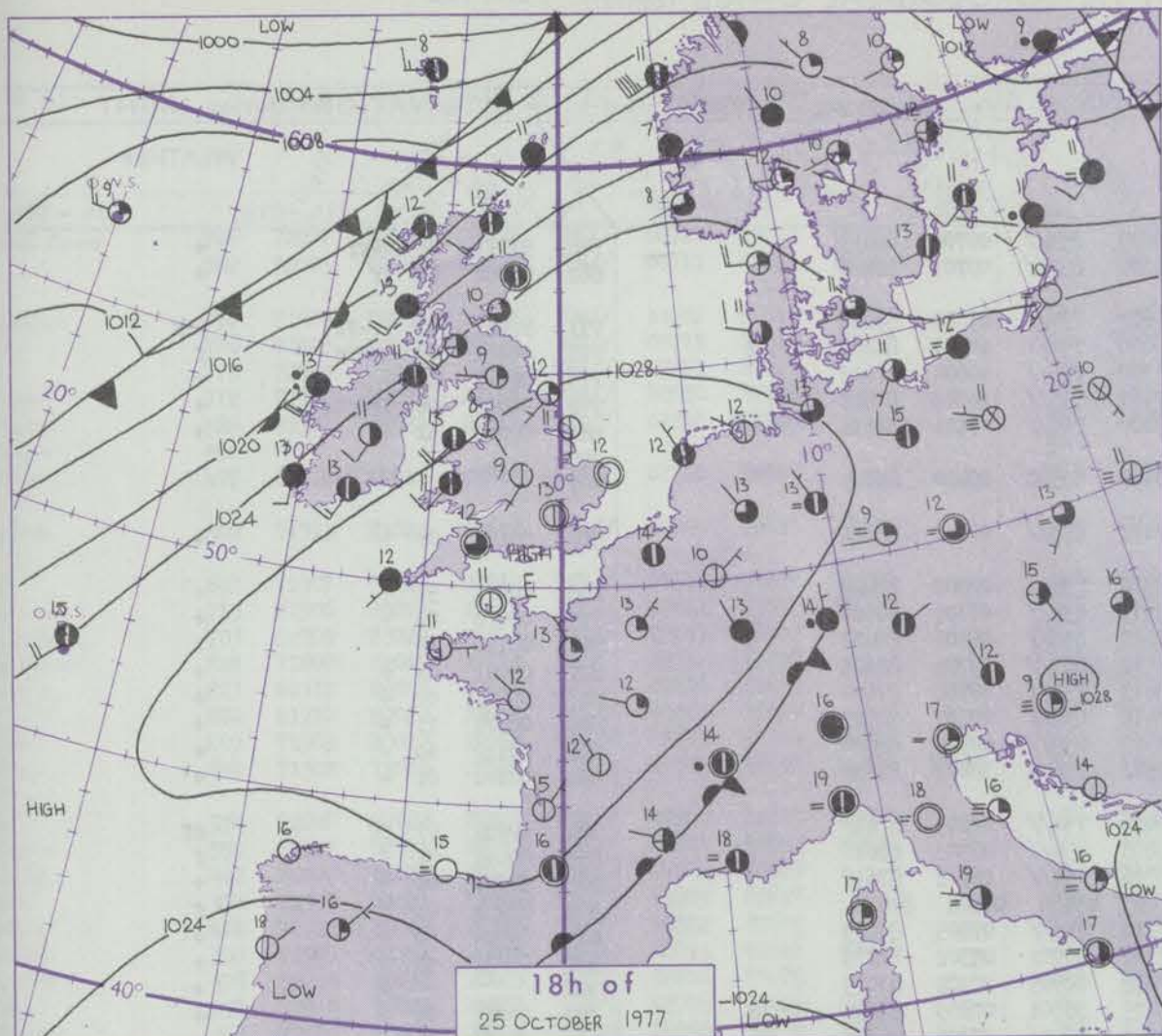
3-7

8-12

13-17

Additional
other 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

During the past 24 hours an anticyclone has moved slowly southeast up the English Channel while a depression to the southwest of Iceland moved northeast into the Norwegian Sea and deepened. A strong southwesterly airstream has consequently been maintained over northern districts of the British Isles. During the next 24 hours the anticyclone is expected to continue to move

east into Germany while a further low to the south of Greenland moves northeast towards Iceland. Troughs of low pressure will edge slowly southeast into northwestern parts of the British Isles.

Issued at midday WEDNESDAY 26 OCTOBER 1977

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

OBSERVATIONS at 00h. 26 OCTOBER 1977										OBSERVATIONS at 06h. 26 OCTOBER 1977										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR	T _n E	T _g	WEATHER		
																							21h.—03h.	03h.—09h.	
Boscombe Down	746	92204	02434	30509	9////	09203	89/01			746	81805	56104	29009	854//	09704	88618			746	91091	05	FFFF		+	
Hurn	862	60000	08424	30609	654//	09103	86618			862	80000	20104	29109	855//	09703	88626			862	00051	05	ff		+	
Manston	797	02106	40110	30408	00900	08102				797	72903	22104	29607	754//	07000	87618			797	91041	03	FF-FF		FFf	
Gatwick	776	70000	06464	30610	760//	10103	85700	87701		776	70000	18104	29410	754//	10601	82615	57622		776	00071	03	1FFFF		f	
Kew	775									775	70000	25102	29310	755//	10604	87622			775	00071	51	+		+	
Heathrow	772	90000	03434	30610	9////	10205	89///			772	72302	22104	29411	755//	10702	87623			772	00091	04	1FFFF		+	
Honington	586	02102	27100	29806	00900	06202				586	81905	18101	29207	854//	07501	88618			586	00040	51	+		+	
Wattisham	590									590									590						
Gorleston	497	02207	66020	30209	00900	07202				497	52302	66031	29409	55500	06400	85625			497						
Aberporth	502	72209	70022	28711	755//	09605	87620			502	81911	70022	27111	855//	09710	88622			502	00101	09	+		+	
Filton	628	71806	50051	29709	755//	08802	87627			628	72005	72012	28810	755//	07802	87624			628	00071	51	+		+	
Rhoose	715	62506	68031	29510	655//	09805	86622			715	82311	68032	28511	855//	07705	88620			715	00070	00	+		+	
Hartland Point	703	71908	74022	29211	784//	09603	84818	87623		703	82716	82022	27612	855//	08709	88622			703	00110	10				
Mount Batten	827	70000	50041	30311	755//	10703	87623			827	82007	62022	28912	855//	09705	88625			827	00091	09	+		+	
St. Mawgan	817	72005	70022	30111	754//	09803	87617			817	71904	75022	28611	755//	08708	87620			817	00101	09	+		+	
Scilly	804	82210	82022	29612	854//	08706	88616			804	81708	82022	27412	855//	09709	88623			804	00121	11	+		+	
Culdrose	809	82403	70021	29912	855//	09804	88622			809	82502	70022	28312	855//	09708	88620			809	00110	10	+		+	
Guernsey	894	10000	80011	31010	15500	08101	81625			894	71305	80021	29512	756//	10603	87630			894	00101	01	+		+	
Elmdon	534	12103	32100	29007	10932	06803	81366			534	72103	50104	28408	754//	07603	87618			534	00031	01	ff		ff	
Cardington	559	22106	40110	30005	00901	05003	82075			559	82302	15104	29208	854//	08703	88619			559	00041	51	f		f	
Wittering	462	02105	50100	29306	00900	05803				462	72004	37101	28806	754//	06702	87618			462	97041	01	+		+	
Watnall	354	22307	24100	28507	25400	07705	82616			354	42310	24104	27706	45430	06802	84618			354	97051	01	f		f	
Shawbury	414	31302	45110	28404	15531	03804	81625	83075		414	72107	74021	27210	755//	07805	87620			414	00021	52	+		+	
Finningley	360	11805	30100	27705	10930	05704	81362			360	12107	45100	27206	00902	05302	81075			360	00031	51	+		+	
Spun Point	396	02016	56020	27909	00900	08501				396	32310	60020	27008	00905	07500	83075			396					+	
Leeming	257	21607	57040	27007	00901	06801	82072			257	51412	58041	25409	35501	07805	83620	85072		257	00061	00	+		+	
Tynemouth	262	32303	66020	25810	10941	07606	81360	83075		262	61908	69031	24311	6093/	07706	86358			262	00091	06	+		+	
Carlisle	222	71905	62021	25412	755//	08605	82622	87627		222	72109	65022	23612	755//	09706	87628			222	00091	05	+		+	
Valley	302	82124	65032	27013	854//	08502	82612	88616		302	82022	68026	25013	854//	09810	84616	88618		302	97121	11	+		ir.pr.	
Ringway	334	11608	58020	28308	10930	07802	81360			334	71807	65031	27308	754//	07706	81618	87620		334	00061	05	+		+	
Squires Gate	318	71603	50101	27506	755//	06501	87623			318	81804	56601	26009	855//	09705	88625			318	97051	02	+		r.r.	
Ronaldsway	204	72318	70022	25212	755//	08803	85621	87632		204	72117	75032	23613	754//	09708	81715	87629		204	00121	10	+		+	
Mull of Galloway	131	52328	75012	23811	55300	09806	82708	85630		131	72328	82012	22412	756//	10712	87630			131	00111					
Eskdalemuir	162	71812	70015	24510	756//	07608	87630			162	81812	60022	23009	864//	09706	88712			162	97091	08	id.		id.	
Prestwick	135	72216	70022	23111	755//	08810	81628	83630	87645	135	82013	65216	21311	853//	10706	81709	83620	85632		135	97091	08	+		d.d.r.r.r.
Abbotsinch	140	62313	68032	22512	35631	08608	83640	85364		140	82117	59516	20311	854//	10706	82712	84715	88618		140	91111	09	ir.		id.r.d.d.
Leuchars	171	72413	70022	21710	655/2	07710	81620	86626		171	82420	75026	20011	25737	08704	82650	87360	88270		171	97101	08	+		r.
Dyce	091	81303	82032	20211	2557/	08806	82625	88359		091	82209	80032	18311	55678	08508	83630	83656	87359		091	00091	07	+		+
Lerwick	005	82121	58636	13110	5532/	09712	83709	83630	88548	005	82810	58616	13809	873//	09313	88707			005	11082	09	irrr		rrr.r.r.d.id.	
Wick	075	72010	80022	16811	35632	08710	83630	86360	87070	075	62013	81216	15611	35432	09805	81712	83630	85070		075	01101	08	ir.r.r.		r.r.
Sule Skerry	010	82336	58616	13712	874//	10709	88715			010	80000	48536	14811	874//	10308	88710			010	05092	09				
Cape Wrath	049	82330	70818	13011	884//	10304	84815	88620		049	82330	70808	13311	884//											

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

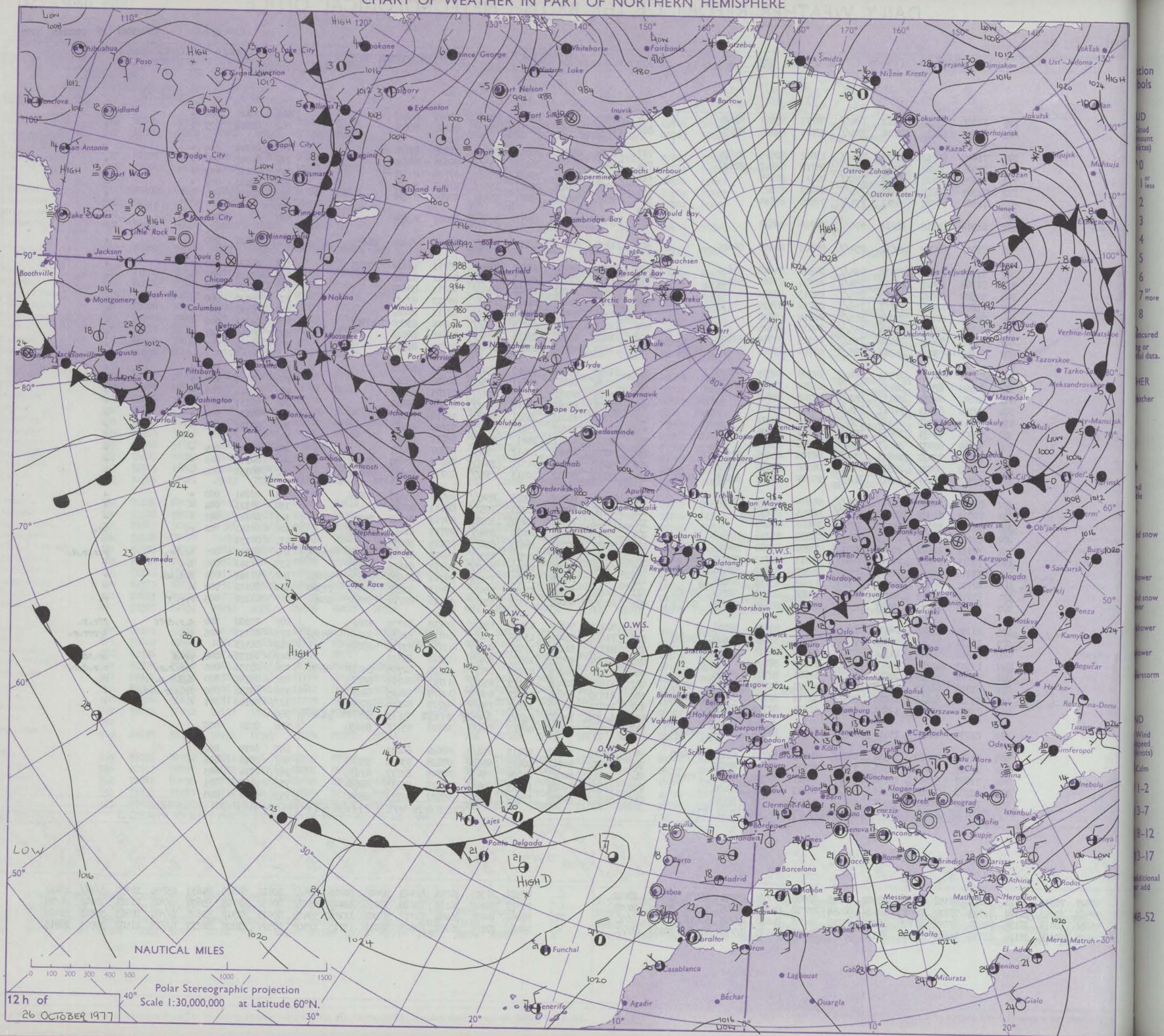
No. 42343

Date of Issue

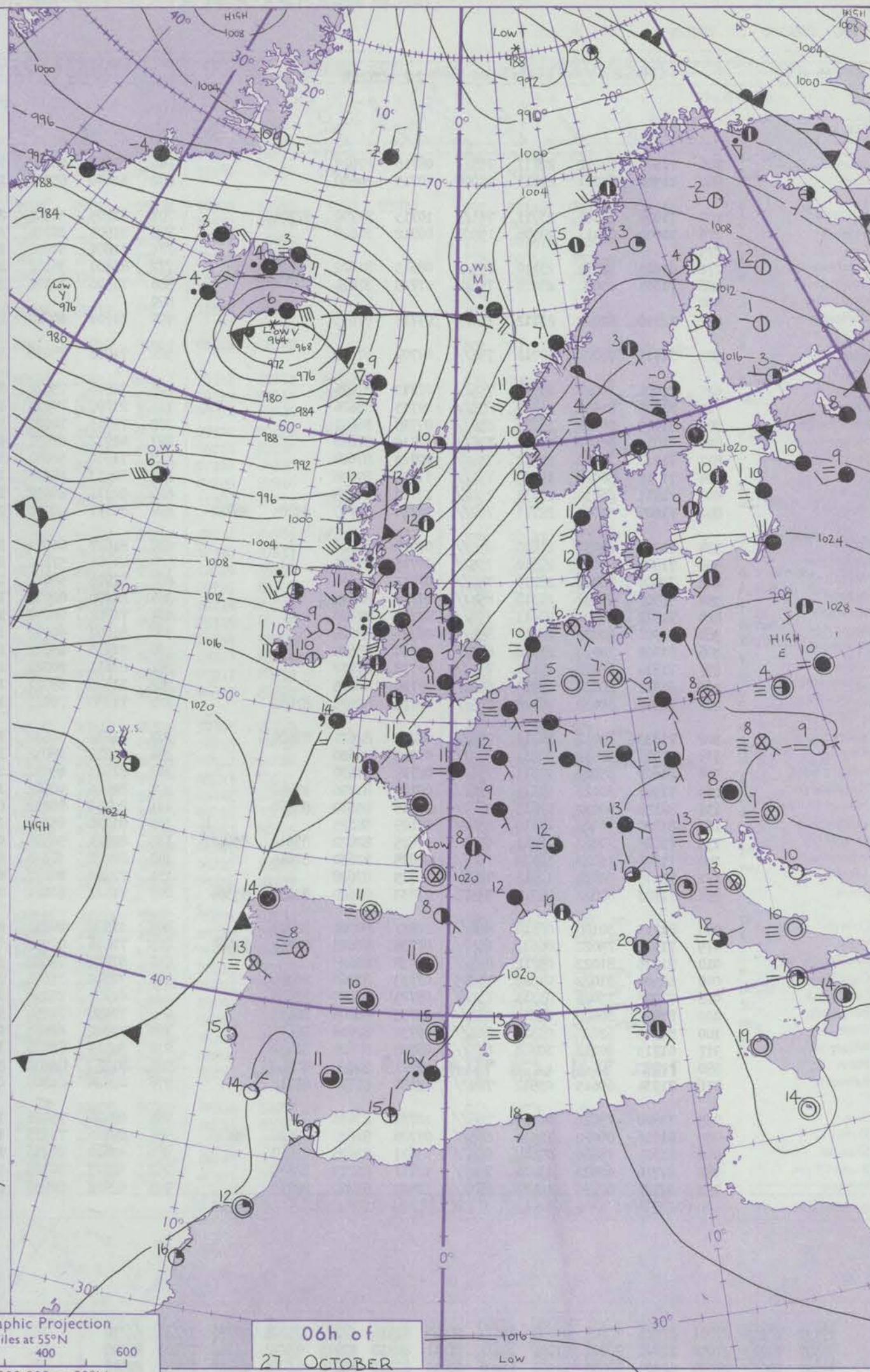
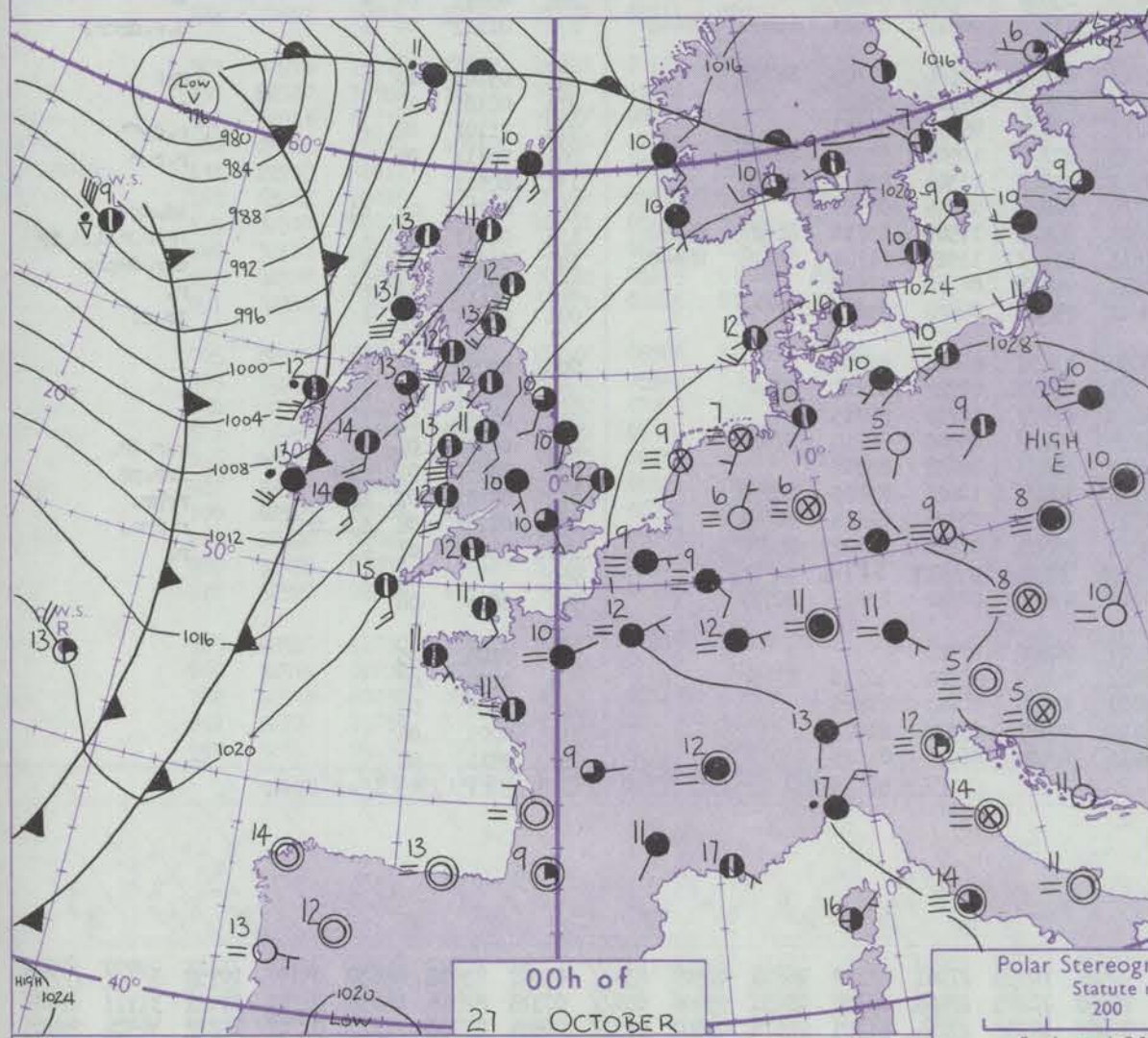
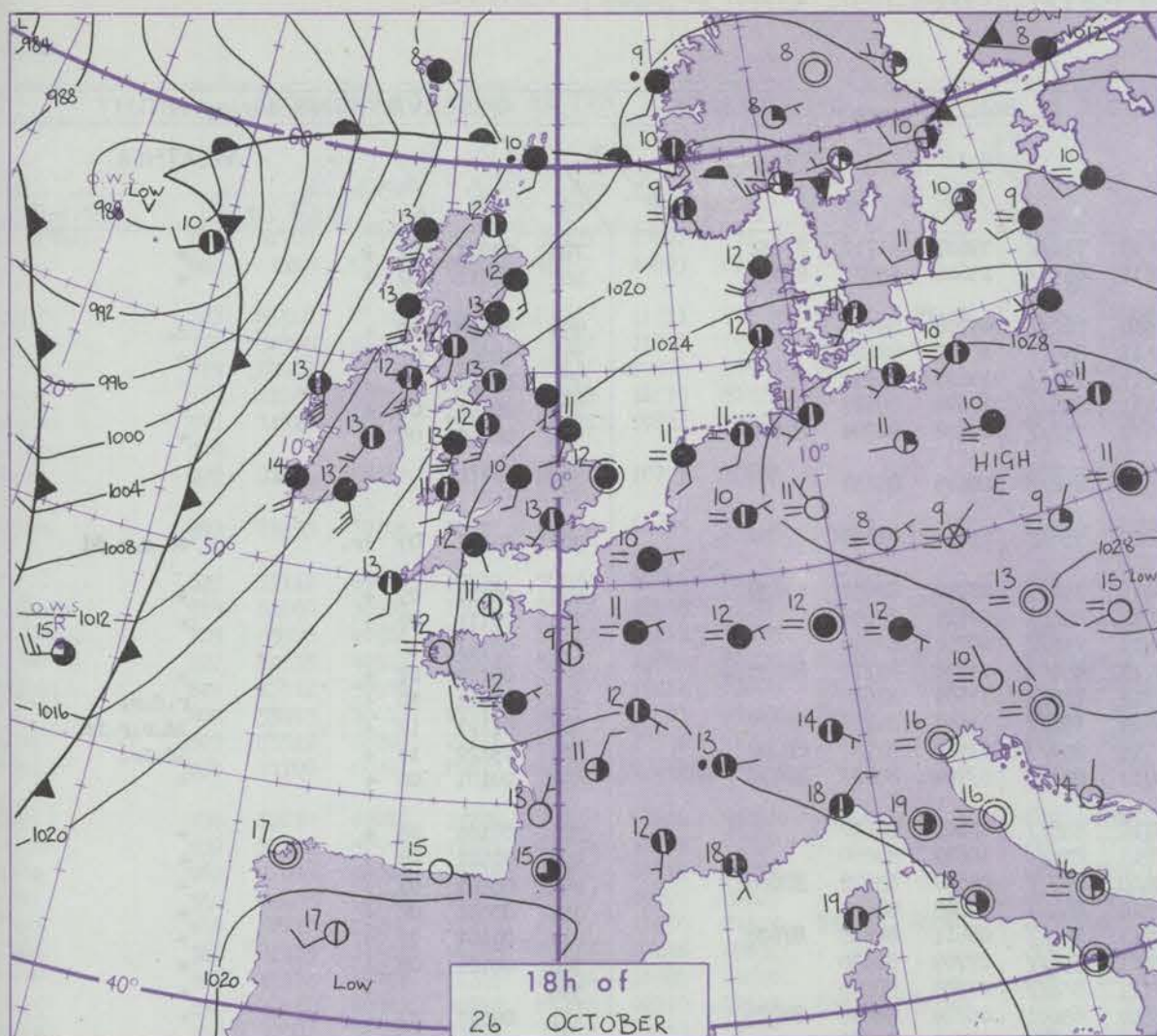
THURSDAY 27 OCTOBER 1977

OBSERVATIONS at 12h. 26 OCTOBER 1977										OBSERVATIONS at 18h. 26 OCTOBER 1977										OBSERVATIONS during DAY									
Code FM II.V	Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _e	SSS	WEATHER					
																								09h.—15h.	15h.—21h.				
	Boscombe Down	746	72007	82022	28212	784//	08711	83818	87625		746	81803	75022	25511	855//	08605	88622		746	00121	000	+			+				
	Hurn	862	72005	62022	28214	785//	07711	82825	87630		862	81705	70032	25213	855//	08708	88627		862	00141	005	+			+				
	Manston	797	71405	58032	28713	784//	11812	82815	87624		797	72104	66022	26412	755//	10705	87620		797	00140	005	+			+				
	Gatwick	776	72008	80022	28513	784//	08713	81818	87627		776	72001	80022	26111	755//	08605	87624		776	00141	004	+			+				
	Kew	775	72405	75022	28413	755//	07811	87625		775	72105	75022	25813	755//	07706	87625		775	00131	003	+			+					
	Heathrow	772	72305	75022	28513	755//	08810	87623		772	72005	68022	25913	755//	07605	87626		772	00131	002	+			+					
	Honington	586	72307	65022	28311	754//	07810	87618		586	71805	50052	26011	755//	07605	87620		586	00120	000	+			+					
	Wattisham	590								590									590										
	Gorleston	497	61914	64012	28812	655//	07710	86625		497	80000	58052	26712	855//	08707	88625		497		008									
	Aberporth	502	81913	81022	25612	854//	09805	82618	88625		502	71910	81022	22411	755//	09713	84625	86631	502	00121	000	+			+				
	Filton	628	72307	75022	27912	754//	07810	81618	87620		628	72004	70012	24712	754//	08711	81618	87623	628	00121	000	+			+				
	Rhoose	715	81806	85022	27612	854//	07811	81616	88621		715	71709	83022	24312	784//	06612	81816	87620	715	00131	000	+			+				
	Hartland Point	703	82309	83022	26513	855//	09713	88622		703	81908	74032	23212	856//	08711	88630		703	00130	000									
	Mount Batten	827	71807	82012	27713	756//	09712	87630		827	72003	81022	24213	755//	08713	87627		827	00131	000	+			+					
	St. Mawgan	817	82112	86022	27013	855//	07814	88620		817	71909	80022	23512	755//	08713	87622		817	00131	000	+			+					
	Scilly	804	81714	80022	25914	855//	09813	88625		804	71812	81022	21913	785//	11716	83820	87625	804	00141	000	+			+					
	Culdrose	809	71909	80012	26914	754//	09715	81714	87630		809	81605	75022	23113	855//	09716	88626		809	00140	003	+			+				
	Guernsey	894	71502	75022	28514	783//	09709	82706	83621	87635	894	11602	58051	25611	16402	10709	81710		894	00151	012	+			+				
	Elmdon	534	82208	64022	27511	884//	07808	82815	88620		534	81908	62022	24910	854//	06708	88618		534	00121	001	+			+				
	Cardington	559	82305	67032	28212	855//	09811	82622	88625		559	82104	60052	25911	855//	08606	88623		559	00121	000	+			+				
	Wittering	462	82207	64032	28111	855//	07708	88620		462	81905	65032	25909	854//	07705	88619		462	00111	001	+			+					
	Watnall	354	72310	64021	27011	754/1	07809	87617		354	81909	57052	24610	854//	07507	88617		354	00111	001	+			+					
	Shawbury	414	72212	80022	26113	755//	08812	87622		414	71707	62042	23511	755//	10710	87620		414	00131	000	+			+					
	Finningley	360	72009	63031	26013	25502	08811	82624	87075		360	81905	59042	23811	855//	07709	88620		360	00131	045	+			+				
	Spurn Point	396	52210	60031	26613	00901	08806	85075		396	82010	65022	24611	855//	08707	88625		396			+			+					
	Leeming	257	72014	70022	24813	755/1	08708	83626	87630		257	71710	65022	22412	755//	08707	87627		257	00131	004	+			+				
	Tynemouth	262	72009	80022	23514	25678	08808	82630	86358		262	72010	66022	21512	3567/	08607	83630	87358	262	00141	009	+			+				
	Carlisle	222	72312	81022	22915	68432	09707	81715	83625	85633	222	72111	80012	20313	755//	09712	84627	86634	222	00151	014	+			+				
	Valley	302	82021	81028	23914	884//	09814	82818	88622		302	81926	80022	20513	854//	09714	83616	88620	302	00141	000	+			+				
	Ringway	334	72012	62022	26212	756//	08708	87635		334	71708	62022	23311	755//	08611	87622		334	00121	004	+			+					
	Squires Gate	318	81810	59046	24712	855//	10809	88625		318	71913	70022	21812	55502	09712	85629	85075	318	00141	001	+			+					
	Ronaldsway	204	72119	82022	22513	754//	09810	81716	87643		204	81919	70212	19213	854//	09715	81817	88636	204	97141	002	r.			ir.				
	Mull of Galloway	131	72123	82022	21613	4851/	11806	81820	84625	87460	131	82132	80032	16613	856//	10725	88630		131	00131									
	Eskdalemuir	162	72013	75025	22012	784//	09811	82715	83820	86630	162	81614	58588	19511	853//	09710	82707	86709	88625	162	97131	000	id.pr.		r.r.r.d.				
	Prestwick	135	71815	70022	20913	6543/	10805	81712	83620	85635	135	71908	80026	17412	6557/	09719	81622	83635		135	97141	000	ir.		+				
	Abbotsinch	140	82111	60156	20313	854//	11808	83715	87620		140	71810	70025	16913	755//	09714	81620	85630	87650	140	97141	001	d.d.id.		+				
	Leuchars	171	82318	68032	20213	66476	10708	82710	86714	87365	171	82220	70012	17013	5547/	08813	83717	84650		171	00131	000	+		+				
	Dyce	091	81905	86032	18513	25678	09802	81635	85364	87272	091	81713	60046	15812	5547/	10716	82712	84622	88462	091	01131	005	r.r.r.		r.				
	Lerwick	005	811																										

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 over Holland has moved east, while a depression east of Greenland moved slowly northeast. A further low west of Rockall moved north to southeast Iceland, deepening rapidly. Associated cold fronts moved east across Ireland.

During the next 24 hours the depression southeast of Iceland will move slowly northeast, and the associated cold fronts will move east across Britain. A further trough of low pressure will move east across the British Isles later.

Issued at midday THURSDAY 27 OCTOBER 1977

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

Code FM II.V		OBSERVATIONS at 00h. 27 OCTOBER 1977										OBSERVATIONS at 06h. 27 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	RRT _n T _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	71505	74012	22111	755//	08716	87625			746	71907	58052	19610	754//	09607	81710	87632		746	00091	07 +	+				
Hurn	862	41506	75011	22213	45600	10715	84630			862	61606	65021	19812	655//	11606	83625	85635		862	00111	09 +	+				
Manston	797	71409	24102	23911	761//	10713	82702	87704		797	81705	30102	21510	862//	09706	88704			797	97090	09 +	d.				
Gatwick	776	10000	08411	23506	15500	06712	81620			776	81609	30104	20511	855//	10607	88624			776	00061	01 1r	+				
Kew	775									775	71604	50052	20411	756//	10608	87630			775	00081	01 +	+				
Heathrow	772	61603	58012	23110	655//	08613	81622	86628		772	81504	35102	20411	855//	10609	88628			772	00101	06 +	+				
Honington	586	71603	45052	23210	755//	07715	87624			586	71506	22102	20610	752//	09608	81704	87628		586	00090	05 +	+				
Wattisham	590									590																
Gorleston	497	72210	62022	23712	756//	09715	87633			497	81914	60022	21512	856//	10606	88631			497							
Aberporth	502	71913	78022	19012	755//	09709	87627			502	71918	75026	15812	756//	11611	81635	87650		502	01111	09 1r.	1d.d.r.dd				
Filton	628	72006	70022	21812	755//	07712	87626			628	71806	75022	18611	756//	10710	82630	87639		628	00111	09 +	+				
Rhoose	715	81605	81032	21512	855//	09713	88626			715	21709	70011	18012	25601	09714	81630			715	00111	09 +	+				
Hartland Point	703	81915	70022	19912	856//	09719	88631			703	72015	74022	16811	756//	10714	87640			703	97111	10					
Mount Batten	827	71911	65022	21413	756//	12712	87636			827	41913	67031	18713	45400	11608	81710	84635		827	00121	07 +	+				
St. Mawgan	817	71911	70022	20712	755//	10713	87628			817	71910	56052	18012	756//	11609	87638			817	97121	10 +	r.d.r.				
Scilly	804	71716	80022	19215	755//	11715	87628			804	82013	60505	16914	854//	13603	84710	88625		804	01121	12 +	1d.r.r.ir.				
Culdrose	809	71911	66032	20713	756//	11713	87635			809	82111	60052	17913	854//	11510	82712	88640		809	93122	11 +	1d.ir.				
Guernsey	894	71609	57051	22711	722//	10714	82703	85705 86812		894	81707	56052	20711	853//	09704	83707	86710 8									

OCEAN WEATHER STATION REPORTS at 00h.															OCEAN WEATHER STATION REPORTS at 06h.														
Code FM 21.V																													
O.W.S.	99L _h L _h L _h	Q ₀ L ₀ L ₀ L ₀	YYGGiw	Nddff	VVwwWW	PPPTT	N _h Ch _h Ch _h	D _s v _s app	8N _h Ch _h s	8N _h Ch _h s	OT _s T _s T _d	IT _w T _w T _w T	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L _h L _h L _h	Q ₀ L ₀ L ₀ L ₀	YYGGiw	Nddff	VVwwWW	PPPTT	N _h Ch _h Ch _h	D _s v _s app	8N _h Ch _h s	8N _h Ch _h s	OT _s T _s T _d	IT _w T _w T _w T	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
C	99527	70355	27001	82515	97808	01008	834//	00709	87916	////	05208	10978	3////	///10	C	99527	70355	27061	82312	96818	02509	834//	00008	83918	85630	05107	10950	3////	///09
L	99569	70202	27004	72940	97808	91708	794//	71241	84710	87915	0//02	11145	30909	99/06	L	99569	70205	27064	62538	98038	95906	684//	00318	82816	84635	0//01	11121	31111	21008
M	99651	10029	27004	62209	97038	11107	11406	00810	81815	86070	0//04	10877	30402	25907	M	99652	10032	27064	81325	96616	01607	873//	00864	88708	////	0//07	10872	30504	25905
R	99469	70169	27004	33121	98030	19813	32500	00235	83820	////	0//08	11494	30606	20910	R	99468	70168	27064	53219	98012	23212	58500	00217	83820	83640	0//09	11497	30604	20908

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

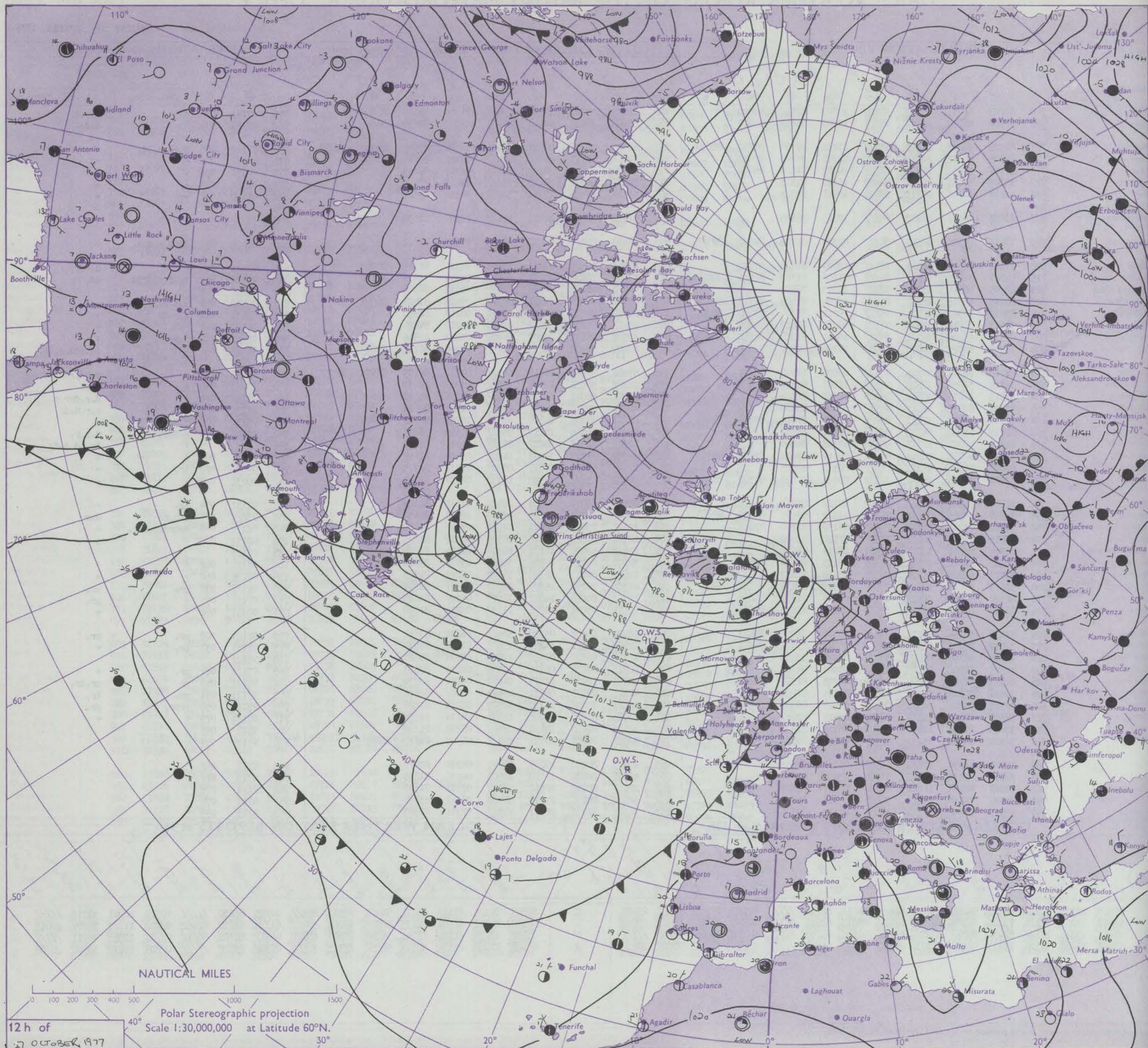
ISSN 0307-2541

No. 42344

Date of Issue FRIDAY 28 OCTOBER 1977

OBSERVATIONS at 12h. 27 OCTOBER 1977										OBSERVATIONS at 18h. 27 OCTOBER 1977										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	RRT T E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	61709	62031	19313	58402	10807	81810	85650		746	82005	59211	19812	854//	11310	84615	88650		746	97141	038	+	d.r.o.d.	
Hurn	862	61810	62032	19814	685/1	10803	83820	85640		862	81906	58051	20114	857//	11309	82650	88656		862	97151	034	+	d.o.d.	
Manston	797	81508	38202	20613	853//	11711	81708	85710	88630	797	61905	35106	20811	35634	10309	83645	83360	85073	797	97140	008	d.-d.r.o.id.	+	
Gatwick	776	72305	45042	20313	753//	11707	85709	87645		776	82006	57041	20312	854//	10312	81614	88630		776	00151	021	+	+	
Kew	775	62107	56051	20015	685//	10809	81820	86650		775	61904	57051	20112	55602	09312	85645			775	00151	036	+	+	
Heathrow	772	21807	56051	19914	28400	11810	81815			772	72007	59031	20113	756//	10213	87640			772	00151	033	+	+	
Honington	586	11810	50051	19813	18401	10811	81813			586	31704	27050	19811	30950	10310	83360			586	00150	037	+	+	
Wattisham	590									590									590					
Gorleston	497	81616	56031	20313	855//	10713	88625			497	61910	50031	20212	656//	11209	86630			497					
Aberporth	502	73213	70206	18511	5837//	09215	81708	84645	87360	502	33109	80011	20810	28502	05213	82822			502	01121	022	ddfd.r.o.d.o.	+	
Filton	628	72111	65022	18514	785//	10604	81825	87632		628	80405	50585	20411	854//	10321	81712	88622		628	93141	004	+	d.-d.r.o.	
Rhoose	715	81809	36585	18612	852//	11500	81705	85614	88622	715	73006	70026	20211	7847//	09319	81815	87630		715	01131	000	id.d.r.o.drid.	id.	
Hartland Point	703	83305	40516	18711	872//	11213	88703			703	23405	85020	20711	21500	05318	82825			703	06120	012			
Mount Batten	827	82115	40515	19013	852//	13804	81705	86710	88630	827	63407	70016	21211	685//	09318	81820	86645		827	02141	000	d.o.r.d.r.o.-r.o.	r.o.d.	
St. Mawgan	817	83412	50586	19511	852//	10211	83704	83710	88645	817	23509	82036	21910	24500	06218	82820			817	03131	016	d.r.o.dr	+	
Scilly	804	53413	70016	19914	48572	09214	81820	84625		804	43413	71031	22612	42500	07219	84820			804	95151	041	rr	+	
Culdrose	809	83512	58206	19711	6522//	10311	81704	84710	88462	809	33506	75031	22109	34400	07220	82816			809	03131	012	r.o.r.id.	+	
Guernsey	894	71709	65021	20613	42432	09704	84810	86075		894	82009	56502	20813	874//	11306	86712	88640		894	96141	051	+	id.idd.r.o.ir.	
Elmdon	534	72010	62041	17914	784//	09804	81818	87645		534	83402	57582	19610	6522//	09212	82705	86624	88557	534	02141	013	+	d.-d.r.o.rdrd	
Cardington	559	32110	57051	19515	22530	11709	82825			559	72105	58051	19513	756//	10310	87633			559	97161	052	+	d.r.o.	
Wittering	462	22015	59011	18614	28400	09713	82818			462	82407	58041	19412	855//	10314	85621	88645		462	01151	042	+	d.r.o.drr.r.o.	
Watnall	354	82008	60032	17613	855//	09804	88628			354	80000	25516	19510	855//	09221	88628			354	01131	001	r.o.d.	r.o.r.d.o.d.	
Shawbury	414	82210	58206	17213	854//	11000	81615	83625	88645	414	62202	38106	19610	653//	10214	81708	86645		414	95131	000	r.o.d.o.	+	
Finningley	360	82115	61602	16713	856//	09806	88632			360	82403	56606	18811	856//	09315	88635			360	91141	000	d.r.o.r.o.	d.r.o.r.o.	
Spurn Point	396	41914	57051	17315	45600	10708	84640			396	82308	50506	18412	863//	11214	88709			396			+	ir.id.d.o.d.	
Leeming	257	72112	60012	16012	45432	09110	82614	83625	86358	257	12507	82011	18308	14602	05319	81645			257	00131	006	+	+	
Tynemouth	262	82007	56026	15311	7557//	09313	87625			262	22505	66021	17511	00908	05217	82275			262	97131	028	ir.	+	
Carlisle	222	72507	80026	14612	28532	08121	82820	84360	86075	222	22102	65021	17308	18532	06319	81823			222	00131	029	+	+	
Valley	302	42914	75016	17613	28402	07122	81818	84072		302	22609	82020	19610	24500	07315	82824			302	97131	054	ir.	+	
Ringway	334	82310	35586	17412	872//	11312	83705	84707	88710	334	42004	30106	19710	45700	10215	84650			334	93121	001	r.o.d.r.o.	d.r.o.	
Squires Gate	318	72811	67216	16712	784//	09122	81710	87635		318	12811	75021	18911	12501	07217	81820			318	02131	030	drRrr.r.o.d.r.o.	+	
Ronaldsway	204	22615	75016	16012	11508	07120	81820			204	12510	80020	18310	18500	05217	81825			204	00131	067	+	+	
Mull of Galloway	131	22718	82011	15011	12501	08219	81825			131	12418	82020	17211	18500	09212	81820			131	00121				
Eskdalemuir	162	62212	70026	13511	28502	05113	81820	86075		162	32107	80031	17206	35600	03317	83640			162	00121	042	+	+	
Prestwick	135	32517	80026	13912	28501	05119	81822			135	12616	80011	16110	18500	05213	81825			135	00131	060	+	+	
Abbotsinch	140	32513	80018	12211	28502	06117	82820			140	42306	70258	15309	48500	05317	82824			140	01121	038	pr.	pr.	
Leuchars	171	62520	84031	10413	18532	05215	81825	86075		171	12312	80018	14608	18500	05219	81825			171	97131	052	+	pr.	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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13-17

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CHARTS OF WEATHER IN WESTERN EUROPE

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or less

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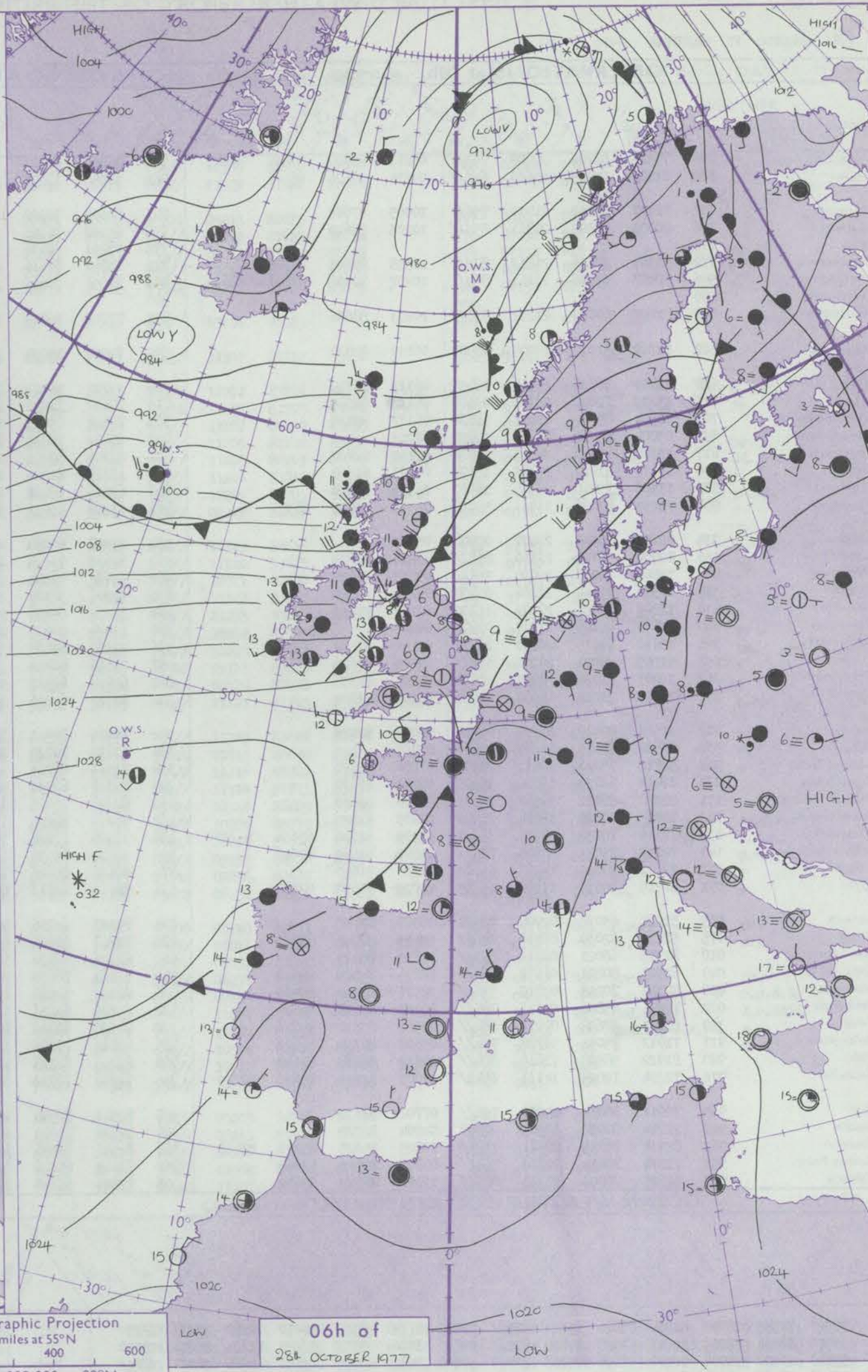
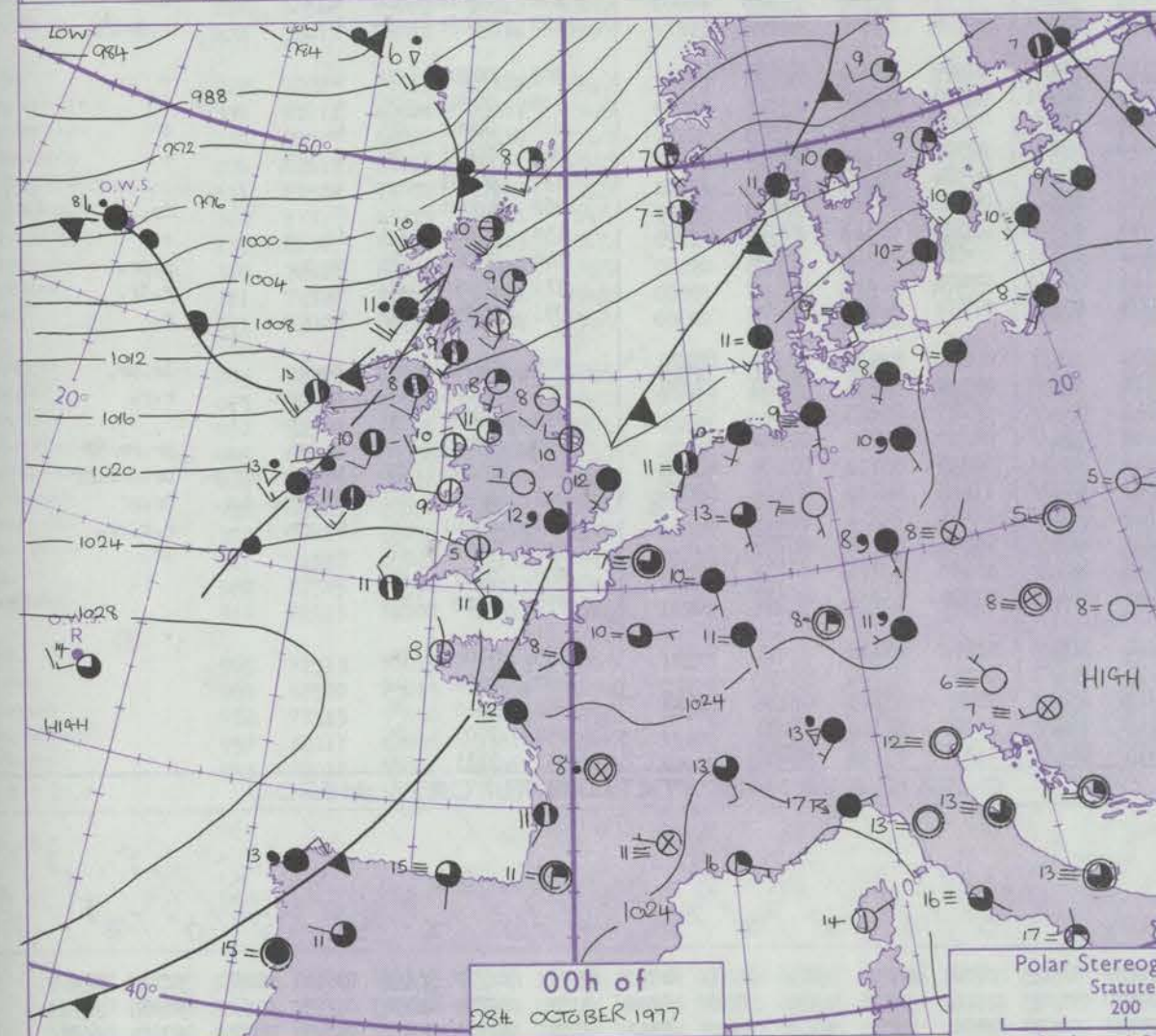
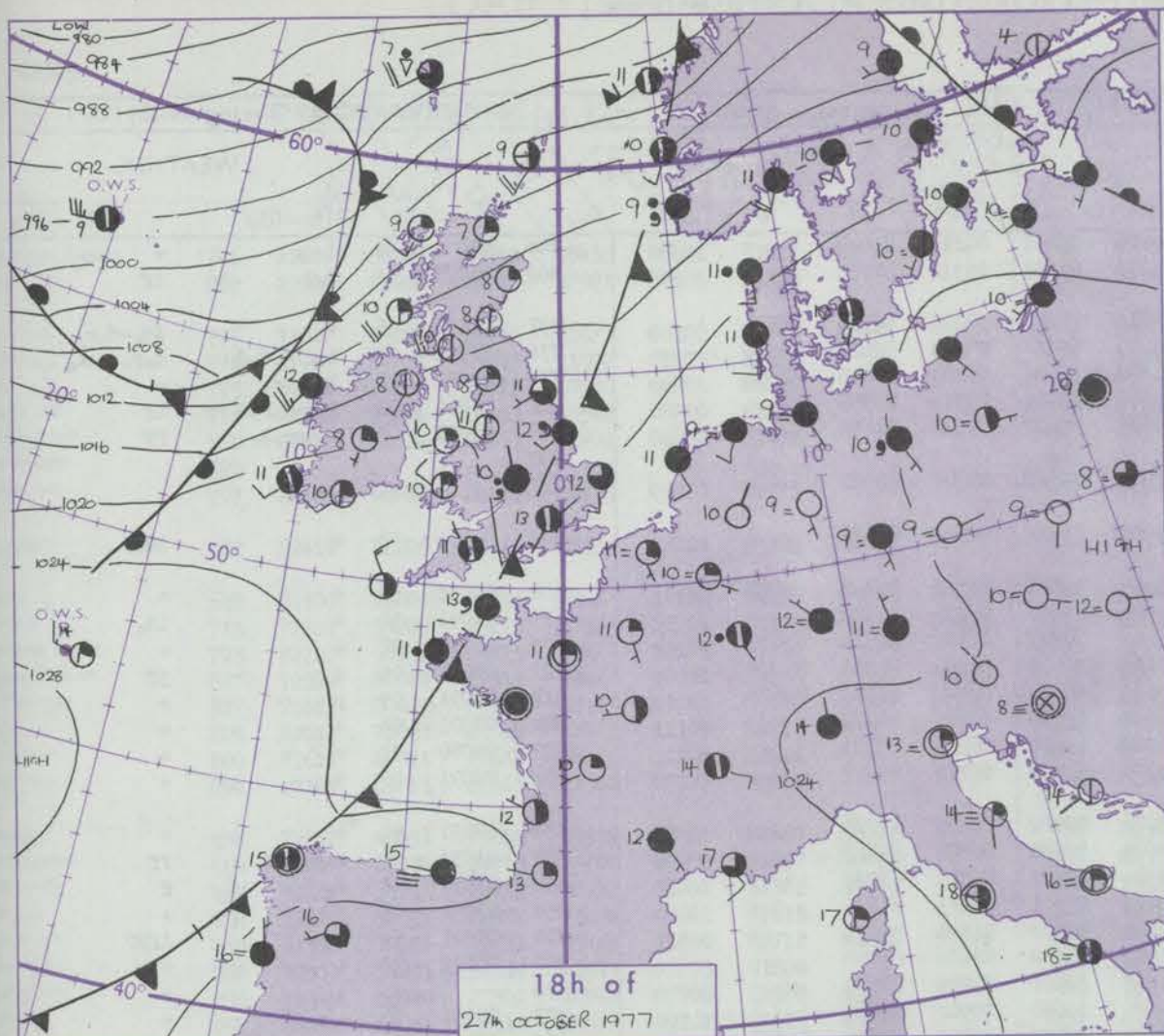
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Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPSIS DEVELOPMENT

During the past 24 hours an anticyclone over Europe has moved slowly southeast and another high west of Spain has moved slowly eastwards. A filling depression over southern Iceland has moved northeastwards and the associated cold front moved across Britain. During the

next 24 hours the Azores anticyclone will build across France and southern Britain. A deep depression will move eastwards into the central Atlantic with its associated cold front approaching the British Isles.

Issued at midday FRIDAY 28 OCTOBER 1977

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

OBSERVATIONS at 00h. 28 OCTOBER 1977											OBSERVATIONS at 06h. 28 OCTOBER 1977											OBSERVATIONS during NIGHT								
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	WEATHER		
																												21h.—03h.	03h.—09h.	
Boscombe Down	746	73305	68206	22709	753//	08213	82709	84619	87645	746	20000	61121	24605	15601	04211	81640			746	97031	51	d.						d.	+	
Hurn	862	63404	65205	22610	655//	09214	82625	86645		862	10000	12281	24703	00901	03312	81075			862	91021	51	d.d.						d.d.	if	
Manston	797	72107	57052	21911	756//	10005	87645			797	82605	30202	22811	872//	10210	86704	88707		797	91091	06	+						+	id.—d.r.	
Gatwick	776	80000	50502	21811	855//	10205	88620			776	63102	24106	23409	655//	09212	82625	85656		776	02081	03	d.r.d.d.d						d.r.d.d.d		
Kew	775									775	33001	50116	23508	15630	07209	81645	83358		775	01051	52	ir.r.r.						+		
Heathrow	772	83305	22516	21812	872//	11308	84704	88706		772	13004	07416	23608	10931	08311	81358		772	94061	02	d.r.d.r.d.—r.						if			
Honington	586	82407	35506	21211	853//	10207	82706	87707	88620	586	22606	02466	22907	25600	07308	82635		586	95051	02	r.d.r.d.						rF			
Wattisham	590									590									590											
Gorleston	497	82207	60022	21212	857//	10103	88656			497	72703	56012	22410	756//	09209	87642		497												
Aberporth	502	12710	81011	23009	18501	05111	81820			502	72010	75021	23008	756//	08400	87638		502	97061	03	+							id.		
Filton	628	12804	70026	23208	16400	06113	81710			628	51902	56101	24705	15301	04310	81708	85072		628	00031	52	+						+		
Rhoose	715	13203	72020	23306	15600	05109	81645			715	20000	72030	24506	25600	04209	82630		715	97041	52	+							id.		
Hartland Point	703	32304	85030	23611	31600	06112	83835			703	72814	85031	24112	785//	09106	82825	87638		703	00110	07	+						+		
Mount Batten	827	03004	65021	24408	00900	06213				827	50802	70031	25905	10936	04209	81360	85275		827	00041	01	+						if		
St. Mawgan	817	23310	80250	24710	21500	07112	82820			817	52910	80021	25711	48438	08307	81818	84625		817	97091	05	pr.					+			
Scilly	804	13112	81020	25811	12500	07107	81820			804	12713	82020	26112	12500	08205	81820		804	00101	07	+						+			
Culdrose	809	13306	75010	25408	18500	06413	81820			809	63006	68030	26208	68500	06208	84822		809	00070	01	+						+			
Guernsey	894	73213	83026	23511	58432	09312	83815	86360		894	53308	83031	25710	52500	06212	85822		894	97091	06	ir.						+			
Elmdon	534	02702	60046	22407	00900	05113				534	22208	65030	23206	00902	04206	82075		534	00031	51	+						+			
Cardington	559	82804	56106	22310	856//	10216	88633			559	32603	03444	23604	30930	04308	83362		559	91031	51	d.r.d.d.						ff			
Wittering	462	73006	56056	22010	756//	09213	87635			462	32407	16284	23104	00901	04306	83075		462	97031	01	r.						f			
Watnall	354	02502	01465	22106	00900	05211				354	12306	30104	22603	00901	03203	81075		354	97031	53	ff						+			
Shawbury	414	12705	75021	22302	15700	02206	81650			414	32202	65284	22601	15602	01304	81635		414	00511	54	+						ifFF			
Finningley	360	02103	45106	21105	00900	04209				360	11604	60020	21102	00902	02102	81080		360	00021	52	+						+			
Spurn Point	396	12810	65015	20610	10970	07210	81360			396	22308	60010	21108	00901	06205	82075		396								+				
Leeming	257	61705	80031	20205	655//	04104	86626			257	21510	80021	19307	15640	05502	81630		257	00051	50	+						+			
Tynemouth	262	12007	61020	19207	10930	04103	81358			262	62008	69021	17609	2563/	05605	82630	86358		262	00061	03	+					+			
Carlisle	222	22004	70010	18608	28501	05206	81824			222	82310	62216	16511	854//	09506	82712	88620		222	91071	07	+						r.d.r.d.r.		
Valley	302	12517	80020	21110	00902	06002	81075			302	72226	80021	19913	755//	10705	82626	87630		302	00101	04	+					+			
Ringway	334	01806	50101	21805	00900	05105				334	11810	70030	21405	00901	04803	81075		334	00041	03	+						+			
Squires Gate	318	32712	75021	20611	22505	07206	82827			318	71911	81011	19808	756//	07603	84630	87650		318	00081	07	+					+			
Ronaldsway	204	12414	82020	19410	15601	06001	81630			204	82316	82031	17912	854//	10500	82712	88617		204	00091	06	+					+			
Mull of Galloway	131	22328	82031	17510	25600	07806	82630			131	82328	75022	15611	5552/	09504	85620	88460		131	00091							+			
Eskdalemuir	162	12008	70020	18504	18500	03103	81820			162	81915	50206	15409	863//	09806	84706	88710		162	93041	52	r.					ir.id.			
Prestwick	135	72115	70030	15909	35631	05509	81640	83656	86360	135	72320	70026	13611	6541/	09505	82711	85618	87462		135	97061	03	ir.				+			
Abbotsinch	140	72113	75031	14509	756//	05809	81635	87640		140	52422	65038	11311	48431	09510	81816	84650		140	97081	05	pr.r.					r.pr.			
Leuchars	171	12212	80020	14507	15700	04708	81650			171	82119	65606	11111	854//	07609	83712	88617		171	97070	00	+					r.ir.			
Dyce	091																													

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

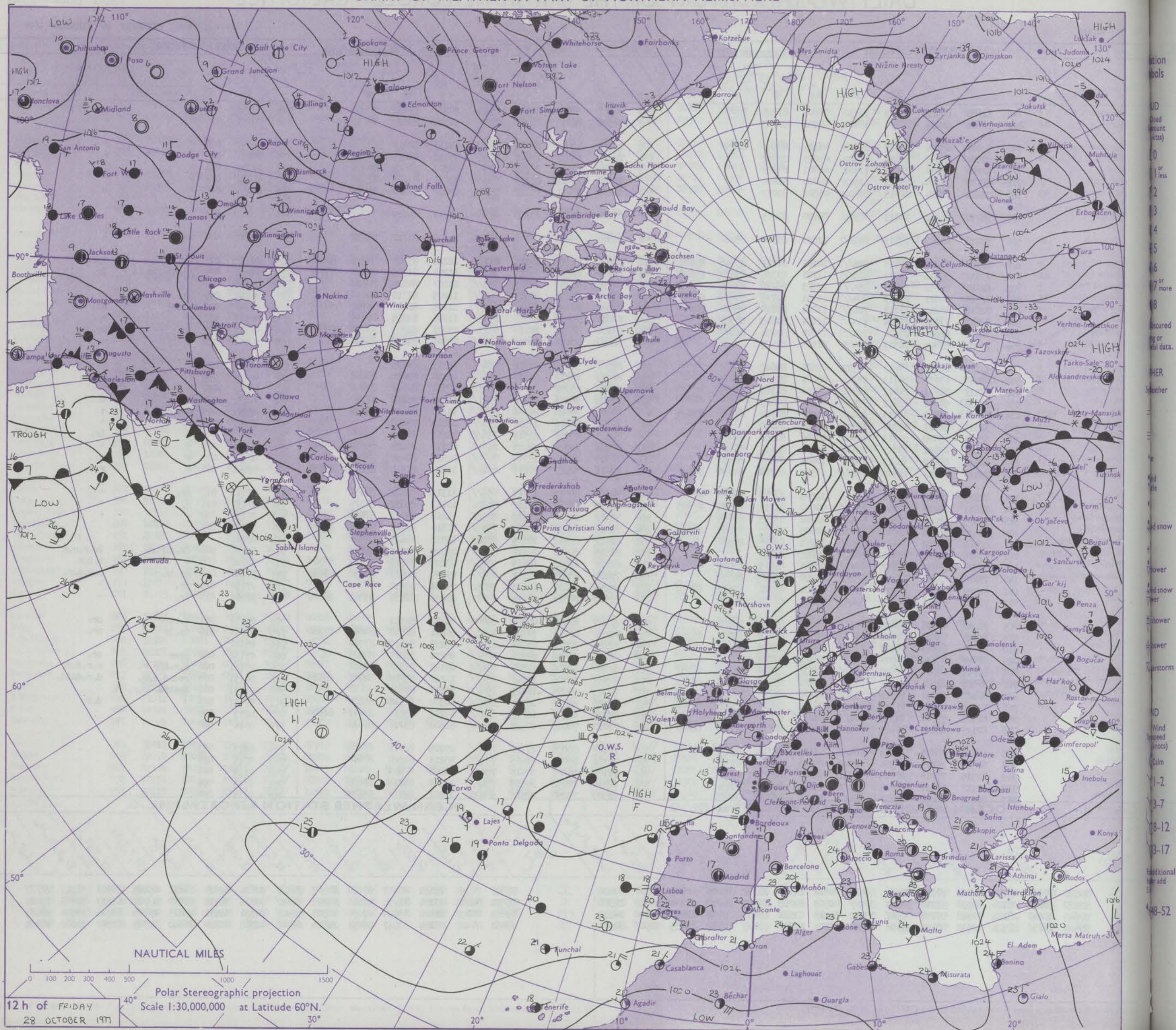
ISSN 0307-2541

No. 42345

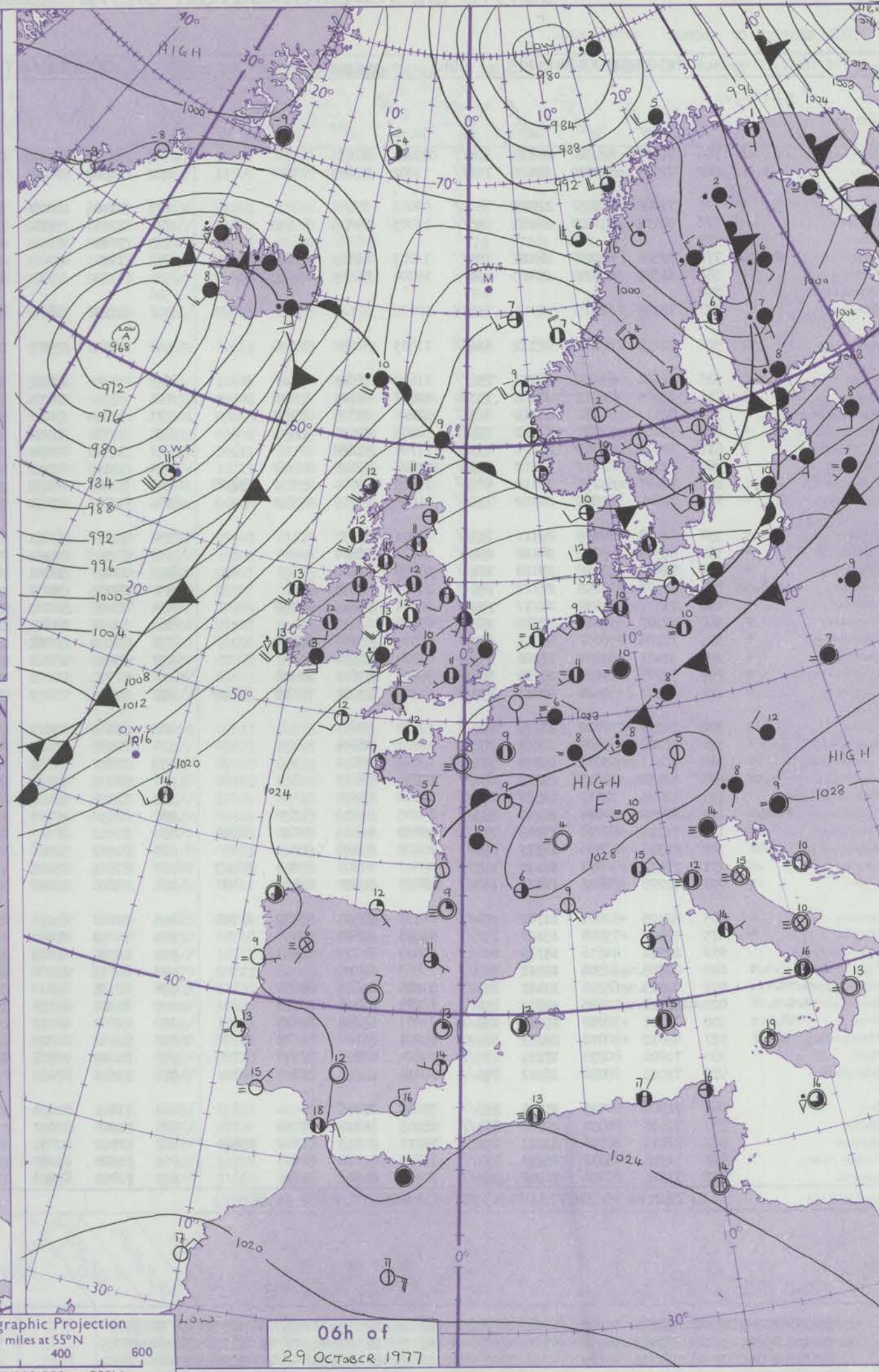
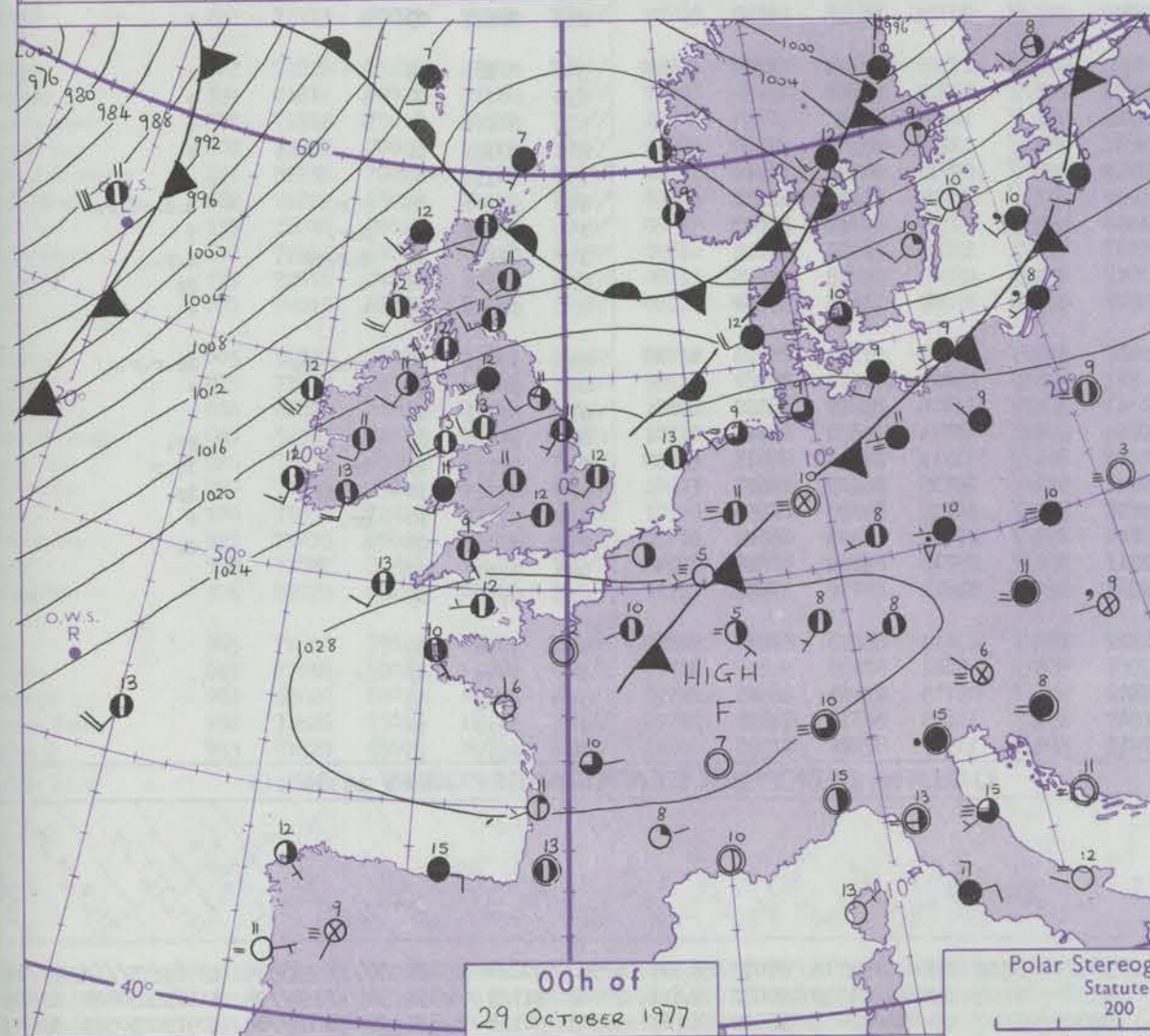
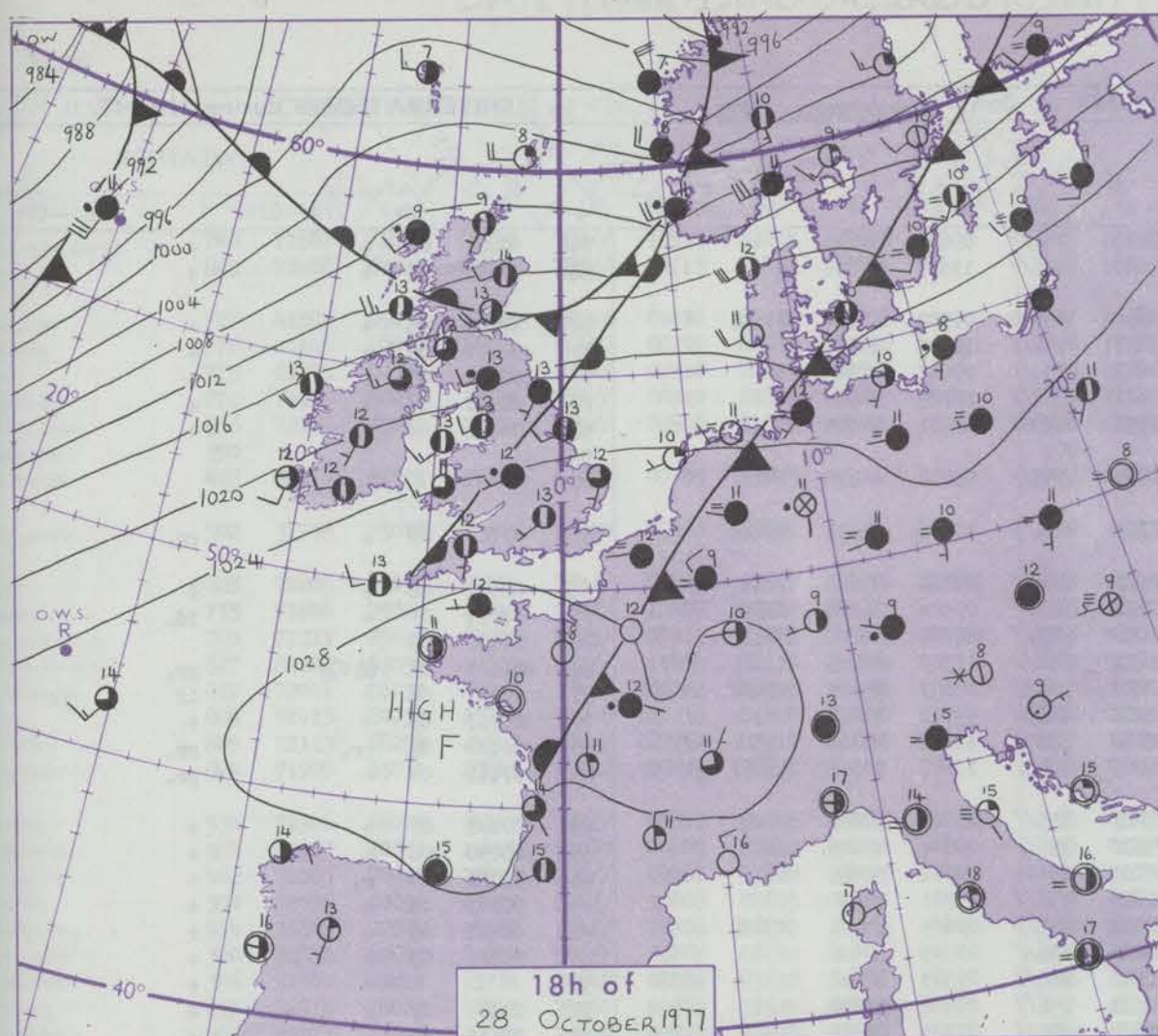
Date of Issue SATURDAY 29 OCTOBER 1977

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
28 OCTOBER 1977										28 OCTOBER 1977																			
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T _h T _h T _h	SS	WEATHER							
																						09h.—15h.	15h.—21h.						
Boscombe Down	746	72609	80021	25813	18432	08801	81815	87072		746	72307	70022	26512	756//	10308	82630	87650		746	00141	057	+	+						
Hurn	862	22606	82024	26214	18501	09801	81823			862	72306	75031	26913	785//	11208	81820	87628		862	00151	071	+	+						
Manston	797	73007	65026	25412	656/2	06108	83640	86650		797	22207	70021	26608	00901	05213	82075			797	00140	036	+	+						
Gatwick	776	22907	82031	25613	11502	07003	81824			776	72105	68031	27012	755//	09212	81625	87634		776	00151	068	+	+						
Kew	775	12806	70030	25413	11502	06801	81822			775	72106	72021	26313	755//	09311	83622	86656		775	97151	076	+	r.						
Heathrow	772	22708	75024	25613	11542	08000	81820			772	72204	70021	26313	755//	10211	81620	87650		772	00151	074	+	+						
Honington	586	22412	72024	24013	00902	06802	81072			586	62107	66011	25112	35502	09212	83620	85075		586	00151	073	+	+						
Wattisham	590									590										590									
Gorleston	497	22410	66012	24113	00905	05400	82275			497	61906	62031	25212	655//	09214	86625			497		078								
Aberporth	502	82416	62205	23713	853//	12001	85708	88620		502	62315	64015	25011	55430	11309	81712	85630		502	91141	000	id.	+						
Filton	628	82306	72201	25711	854//	10102	81712	85616	87628	628	82609	72215	26213	853//	12212	83709	84713	88618	628	97131	017	id.	d.d.r.						
Rhoose	715	72512	59208	25213	783//	11701	81708	83810	85618	715	62710	62016	26013	35201	11209	81705	83620	85075	715	91141	004	pr.d.r.	id.id	ir.					
Hartland Point	703	82720	64032	25413	854//	12103	86710	88625		703	82718	66032	26013	885//	13107	84820	88635		703	97130	001								
Mount Batten	827	72510	66021	27313	784//	10001	81715	83818																					

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 moved eastwards from the Southwest Approaches into France. A low pressure complex persisted north of Scotland. A fast moving wave depression crossed the Northern Isles early in the period but much of the British Isles remained in a

warm moist southwesterly airstream throughout the period. During the next 24 hours pressure will remain high over Europe, whilst a deep depression will move slowly northeast across Iceland. Its associated cold front will move steadily eastwards across Britain.

Issued at midday SATURDAY 29 OCTOBER 1977

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

OBSERVATIONS at 00h. 29 OCTOBER 1977											OBSERVATIONS at 06h. 29 OCTOBER 1977											OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N _h C _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s		iii	Nddff	VVwww	PPPTT	N _h C _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s			iii	RTT _n E	T _g T _g	WEATHER		
																									21h.—03h.	03h.—09h.	
Boscombe Down	746	72407	58102	27310	756//	09201	87635				746	72105	62012	26310	756//	09604	87630				746	00091	06	+	+		
Hurn	862	72703	70012	27412	756//	11802	82633	87647			862	70000	70022	26311	756//	11607	87631				862	00111	10	+	+		
Manston	797	72208	70021	27010	7573/	09003	87650				797	42406	60016	26510	45600	09502	82645	83656				797	97080	05	+	+	
Gatwick	776	82104	61022	27412	856//	11003	84636	88650			776	72401	58102	26511	756//	10605	87636				776	00091	05	+	+		
Kew	775										775	70000	65021	26110	756//	09603	87645				775	00051	00	+	+		
Heathrow	772	72504	65022	26912	754//	11003	81615	87640			772	72303	59021	26211	756//	10705	87640				772	00091	04	+	+		
Honington	586	62306	60012	25812	656//	10204	86645				586	41802	40101	25508	45600	08501	84640				586	00081	05	+	+		
Wattisham	590										590																
Gorleston	497	72108	62011	25912	755//	10105	87625				497	82207	66022	25611	855//	09400	88625										
Aberporth	502	82010	68032	25311	856//	11803	82630	88650			502	81912	75808	23910	884//	10606	82815	88628				502	91101	09	+	pr.	
Filton	628	72504	65021	26612	756//	11604	87645				628	81905	62022	25711	856//	09705	88640				628	00101	06	+	+		
Rhoose	715	32505	70011	26412	35300	10807	81709	83610			715	82207	80201	25511	853//	09504	82708	88618				715	97111	09	+	id.	
Hartland Point	703	82516	74022	26213	825//	12804	83825	88637			703	82210	84022	24712	885//	11708	84820	88637				703	00100	09			
Mount Batten	827	73402	58032	27711	755//	10803	82620	87643			827	71906	62056	26012	784//	11707	82815	87641				827	11101	08	pr.		
St. Mawgan	817	72105	56102	27511	755//	11706	87628				817	71908	15282	25710	3603/	10609	83701	83630	86360				817	00101	08	+	if
Scilly	804	72109	82031	27413	2553/	11708	82620	87360			804	32112	81021	25212	28530	09712	81820				804	00111	08	+	+		
Culdrose	809	72607	65258	27812	5823/	12805	83704	83812	86360		809	72209	65258	25911	5833/	11708	81708	83812	85360				809	92102	08	pr.	pr.
Guernsey	894	72605	82022	28912	753//	11803	83709	87650			894	72301	75032	27312	7843/	11607	81815	83630	87650				894	97111	09	+	pr.
Elmdon	534	72208	64036	25411	756//	09001	87637				534	71907	62021	25010	755//	09802	87629				534	00091	07	+	+		
Cardington	559	82309	59052	26212	856//	11004	88644				559	72305	40102	25910	756//	09604	87645				559	00090	04	+	+		
Wittering	462	72409	59016	25412	756//	10000	87640				462	22407	58041	25210	25601	09602	82645				462	97081	07	r.	+		
Watnall	354	72306	50052	24711	756//	10001	87635				354	72105	50052	24710	756//	09701	87630				354	00101	06	+	+		
Shawbury	414	71807	75032	24712	754//	10001	84615	87630			414	71907	78022	24011	755//	09605	81620	87626				414	00111	08	+	+	
Finningley	360	32107	57041	23611	35700	09202	83650				360	72208	61021	23211	756//	09805	87636				360	00081	05	+	+		
Spurn Point	396	72105	56052	23811	3567/	10305	83640	87360			396	72106	50022	23711	756//	09503	87648				396			+	+		
Leeming	257	32407	80011	22212	35540	09304	83624				257	71411	75021	22211	756//	09806	87640				257	00101	07	+	+		
Tynemouth	262	71905	69021	20912	3563/	08211	83630	87358			262	52011	80022	20811	5093/	07803	85359				262	00111	08	+	+		
Carlisle	222	82307	62026	20812	854//	11105	83714	83618	85629		222	72208	75032	19912	755//	09705	84626	87643				222	00121	09	+	+	
Valley	302	72318	70022	23313	755//	12804	87627				302	72123	75022	21513	754//	11709	81614	84622	87630				302	00121	11	+	+
Ringway	334	72209	65022	24211	756//	10801	87645				334	72008	75022	23611	756//	09804	87630				334	00101	09	+	+		
Squires Gate	318	72411	65022	22913	757//	12002	87650				318	72010	75012	22112	756//	10607	87643				318	00111	10	+	+		
Ronaldsway	204	62417	70012	21213	658//	09811	86657				204	72115	75032	19813	784//	11708	81818	87650				204	00121	11	+	+	
Mull of Galloway	131	72425	78012	20512	756//	10000	87630				131	72330	82022	18712	4563/	09711	84630	84360				131	00111				
Eskdalemuir	162	82010	60036	20210	853//	09208	85708	88630			162	81810	50515	19410	873//	09805	85708	88712				162	92101	08	r.r.o.	d.o.d.-d.o.r.	
Prestwick	135	72316	70036	19412	755//	09000	81625	84630	87640		135	72213	80022	18011	6553/	09709	81625	86642				135	97101	09	d.r.o.	+	
Abbotsinch	140	82316	68036	18312	854//	10802	82616	88642			140	72113	62586	17112	754//	10803	82711	87625				140	01111	10	d.r.o.r	d.r.o.	
Leuchars	171	72417	70021	16311	4557/	09807	82620	83640	86363		171	72015	75022	17011	754//	08003	83618	87635				171	00110	08	+	jp	
Dyce	091	72208	82022	14911	4577/	07005	84650	87462			091	51606	80012	15709	35630	07102	83635	83362				091	00081	05	+	+	
Lerwick	005	82105	82031	11707	3847/	06119	81815	83630	87359		005	81917	65216	10509	852//	09609	82703	86708	88615				005	95051	04	ir.r.o.r.	ir.r.o.r.
Wick	075	72009	75028	13110	756//	09003	87640				075	71913	80022	12711	4563/	09001	84640	87360				075	97091	08	pr.	+	
Sule Skerry	010	81914	44616	11510	4741/	10002	84715	88460			010	82330	66022	10312	3557/	11006	83620	88360				010	01071	08			
Cape Wrath	049	82708	62506	10511	873//	10803	88708				049	82713	82808	09711	885//	10711	85820	88625				049	93081	07	ir.id.	pr.	
Stornoway	026	82213	68216	11412	854//	11205	85616	88630			026	62125	65216	09412	654//	11712	81710	83615	86630				026	01111	10	ir.	ir.r
Benbecula	022	82117	72015	12612	854//	10001	85712	88616			022	81921	65036	10212	854//	10715	85712	88617				022	01111	10	id.ir.	ir.	
Tiree	100	72121	58052	15312	754//	11001	83614	87635			100	71924	62018	13012	755//	10713	84620	87656				100	91111	10	pr.	+	
Aldergrove	917	42012	80016	20311	45400	08201	81618	84635			917	71812	80025	18011	754//	09709	83714	85622	87632				917	97091	08	+	d.
Malin	980	72020	80038	17111	784//	09804	82817	87640			980	81825	70808	14311	884//	09715	83712	86817	88645				980	9111	09		
Belmullet	976	72023	78036	16212	754//	10814	82718	87640			976	71926	77038	12313	764//	10722	85717	87638				976	9712	09			
Birr	965	71909	80025	21511	756//	09808	87636				965	71812	80031	18812	785//	09611	83822	87636				965	9710	08			
Dublin	969	72008	80032	22112	764//	08705	84717	87638			969	71909	82031	19811	756//	08612	87638				969	9711	07				
Shannon	962	71811	80016	21212	754//	10713	82713	83620	85635		962	72009	82031	17912	756//	09715	83633	86645				962	9711	08			
Roches Point	952	71918	65032																								

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

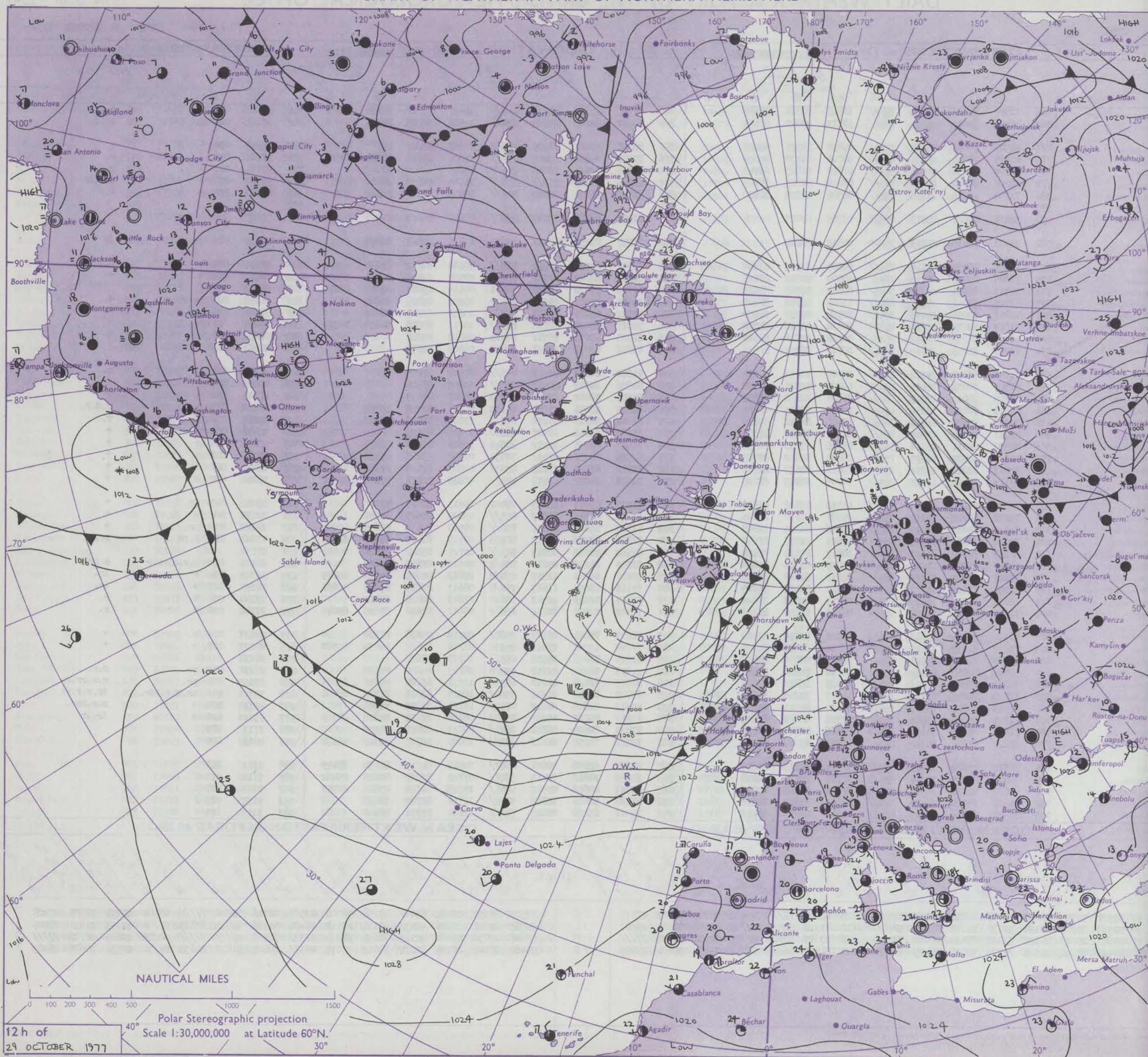
ISSN 0307-2541

No. 42346

Date of Issue SUNDAY 30 OCTOBER 1977

OBSERVATIONS at 12h. 29 OCTOBER 1977										OBSERVATIONS at 18h. 29 OCTOBER 1977										OBSERVATIONS during DAY				
Code FM II.V	Station	iii	Nddff	VVwww	PPPTT	N _h C _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h C _h C _M C _H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT T _E	SSS	WEATHER	
																							09h.—15h.	15h.—21h.
Boscombe Down	Hurn	746	71507	72022	24913	784//	10812	81814	87645		746	71705	62215	22111	754//	10607	81710	85630	87650	746	97141	005	+	d.r.
		862	71406	64032	25114	785//	10713	83822	87645		862	61602	60028	22313	654//	11508	82715	86635		862	97141	000	pr.	pr.d.
Manston	Gatwick	797	41507	65031	26115	18501	09810	81827	83078		797	31807	58021	24109	35630	07605	83640			797	00150	036	+	+
		776	41506	70031	26015	48600	08709	81830	84656		776	71105	61031	23212	754//	11606	84710	87650		776	97161	036	+	r.
		775	61805	80031	25515	5854//	07810	81825	85640		775	71504	62026	23013	756//	10605	81630	87645		775	97161	041	+	r.
		772	72204	80031	25715	785//	08810	81825	87645		772	71604	65026	23013	756//	11505	82630	87640		772	91161	027	+	d.r.dr
		586	72108	75031	25314	785//	08806	81825	87632		586	71506	57051	23213	756//	08603	82630	86648		586	00160	039	+	+
		590									590									590				
		497	32110	60021	25813	00901	09705	83075		497	81906	66021	23913	855//	08603	88623			497		054			
Aberporth		502	31918	75018	22213	38400	09812	83812		502	71817	75031	18411	35632	10615	83640	86072		502	97131	014	pr.	jp	
Filton	Rhoose	628	72205	83032	24714	784//	09809	81818	83640	87645	628	71907	65026	21612	756//	10608	84642	87650		628	97151	008	+	d.r.
		715	71606	75022	24213	784//	10809	81812	87625		715	61807	82012	21312	48431	09508	81814	84625	85075	715	00141	004	+	+
Hartland Point	Mount Batten	703	72311	85031	23212	5843//	09811	82818	85645	87360	703	62012	74022	20010	38501	09615	83820	83640	86075	703	02130	025		
		827	82109	63058	24812	884//	11808	81710	88625		827	71911	80031	21712	68532	09608	83825	83630		827	01151	027	pr.r	+
St. Mawgan	Scilly	817	72011	56031	24013	3842//	10712	82813	86458		817	61911	65026	20511	16372	10611	81707	86075		817	95141	024	r	+
		804	51913	80031	23214	48505	09716	81820	84640		804	72017	80022	19713	5857//	10711	83820	84630	86360	804	00151	041	+	+
Culdrose	Guernsey	809	72113	68258	24312	784//	10710	82710	84816	87628	809	42011	80018	20711	36401	10612	83710		809	92131	006	pr.	+	
		894	71909	83031	25813	68432	09711	86813		894	11607	83011	22811	15602	06608	81630			894	00141	060	+	+	
Elmdon	Cardington	534	71906	66022	24312	784//	09807	81818	87635		534	71807	66034	21312	756//	09508	87635		534	97151	026	+	r.	
		559	52307	70031	25415	58500	09808	82820	84640		559	71806	64032	22512	756//	10605	87644		559	00160	021	+	+	
Wittering	Watnall	462	72105	70011	25013	785//	09807	81820	87633		462	51703	70012	22410	55600	08607	85635		462	00141	001	+	+	
		354	82010	60052	23912	856//	10808	88635		354	41807	56041	21211	15530	09507	81626	83362		354	97131	011	+	r.d.r.	
Shawbury	Finningley	414	71808	72808	23412	784//	10806	81712	83815	85625	414	81808	70218	20212	855//	10705	82620	88645		414	97141	010	pr.	r.
		360	82011	62022	23213	856//	08807	86632		360	11803	56041	20707	15600	07507	81635			360	00131	001	+	+	
Spurn Point	Leeming	396	42309	64011	23714	35640	08806	83630		396	31611	64011	21512	25641	10606	82630	83075		396			+	+	
		257	71914	70022	21813	75501	09808	81620	87645		257	62310	62012	19312	55530	09707	83620	85360		257	00131	001	+	+
Tynemouth	Carlisle	262	52011	61022	20014	15630	09811	81630	84358		262	71917	69022	17813	4563//	09605	84630	87358		262	00151	027	+	+
		222	72113	80022	19513	784//	10705	81715	87645		222	72008	75032	15912	784//	07613	81717	87656		222	00141	002	+	+
Valley	Ringway	302	72026	75212	20414	784//	12811	83812	87635		302	71826	78011	16613	28402	09613	82815	87075		302	97151	023	ir.	+
		334	71812	65022	23112	755//	09807	81620	87645		334	81808	62032	20012	855//	09609	85625	88640		334	00131	002	+	+
Squires Gate	Ronaldsway	318	71812	75012	21613	785//	10806	81825	87645		318	71709	65028	18312	756//	09510	82635	87650		318	97141	010	pr.	+
		204	72022	70602	19113	783//	10809	81707	87650		204	72126	65256	14912	48438	09518	81815	84645	87275	204	01141	020	r.pR	pr.
Mull of Galloway	Eskdalemuir	131	82133	70022	16513	5562//	10813	85630	88459		131	82140	76032	12013	885//	10721	85820	88625		131	97131			
		162	71819	65026	18211	784//	09808	83712	85620	87640	162	71719	68026	15210	754/2	09510	85713	87635		162	02111	000	d.r.d.-r.r	r.pr.r
Prestwick	Abbotsinch	135	72018	80022	16413	6843//	08812	81715	86645		135	72020	66032	12813	654/2	09612	82615	84622	85645	135	92141	014	+	ir.
		140	72213	80016	15713	68432	09810	81818	86645		140	71916	65032	11613	754/8	08613	81715	83626	86637	140	97151	015	+	ir.
Leuchars	Dyce	171	72015	84022	16013	785//	08713	81820	87640		171	71817	82022	12313	35648	07613	83638	87272		171	97140	006	+	r.
		091	72015	82022	14714	28532	08710	81822	83362	86075	091	71812	82022	11412	656/2	08612	81630	83635	85645	091	97141	016	+	r.
Lerwick	Wick	005	51922	70016	09612	25632	08712	82635	84360		005	71819	75022	06210	3567//	09714	83635	87360		005	00121	014	+	+
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Sule Skerry	Cape Wrath	010	81820	81022	09511	885//	10808	85820	88625		010	81924	81032	04512	855//	10717	88620		010	96131				
		049	52313	82018	07812	38571	10710	81820	83625		049	52313	82012	02712	45570	08723	84625	85360		049	91131	031	pr.	r.r.
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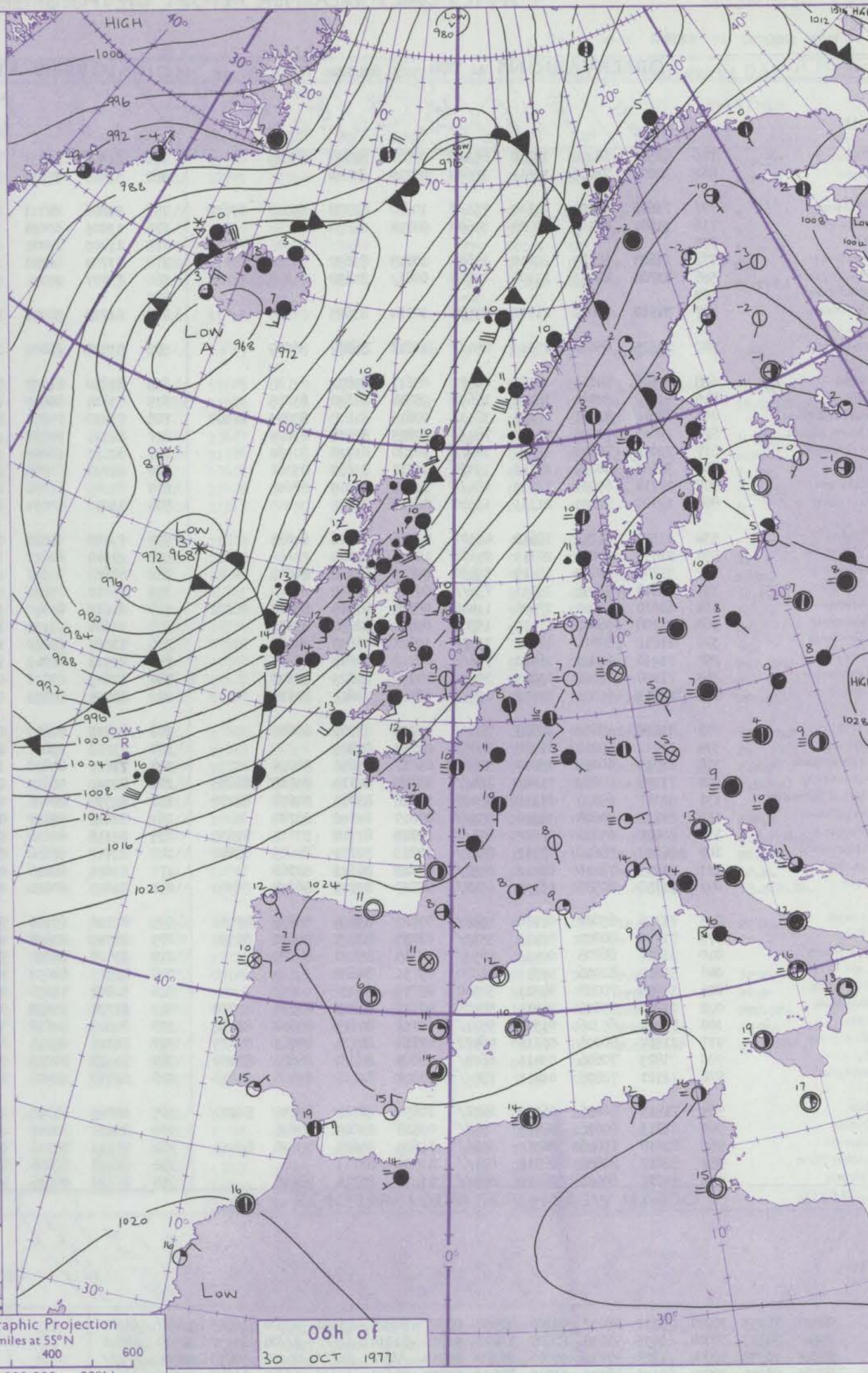
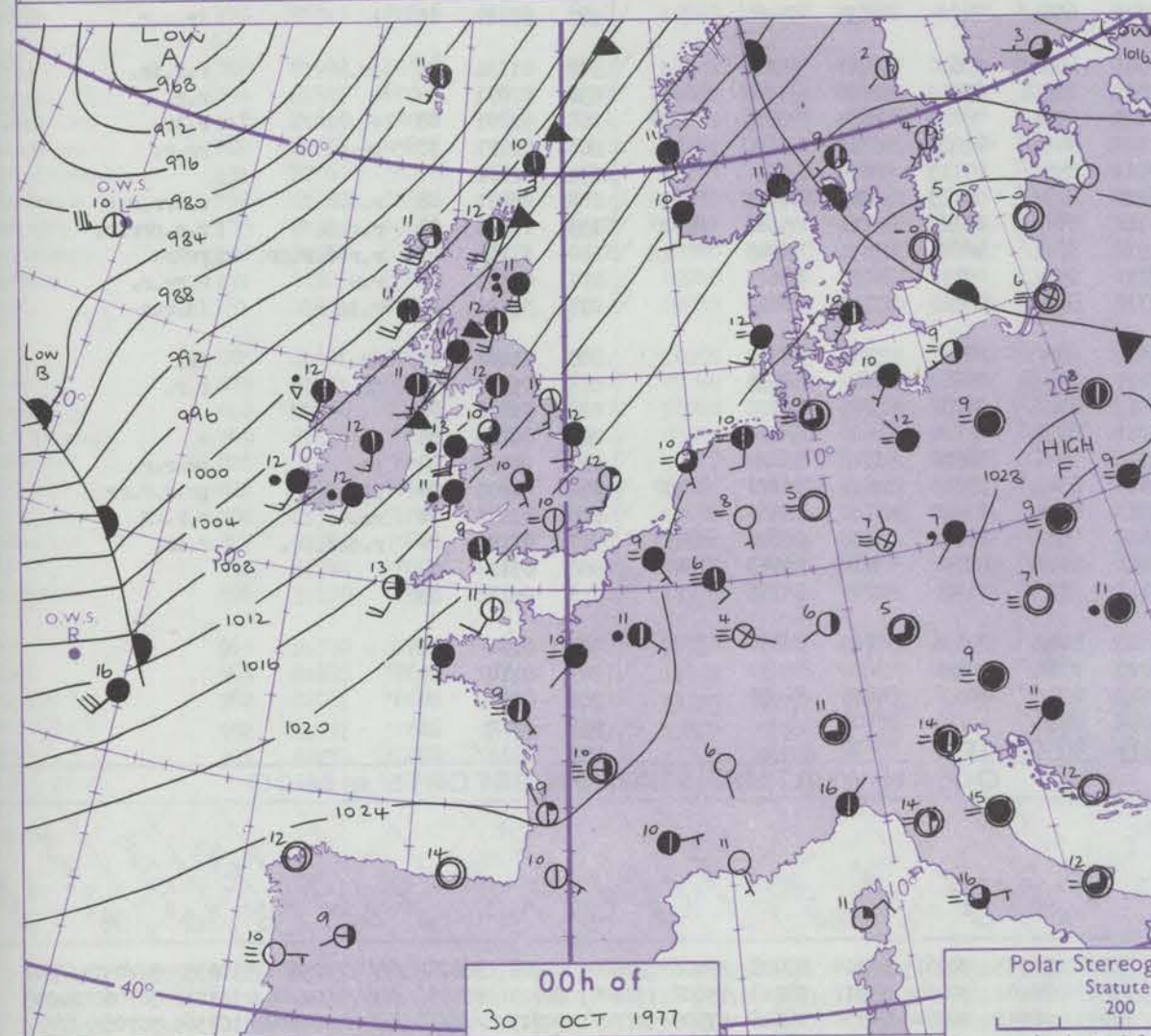
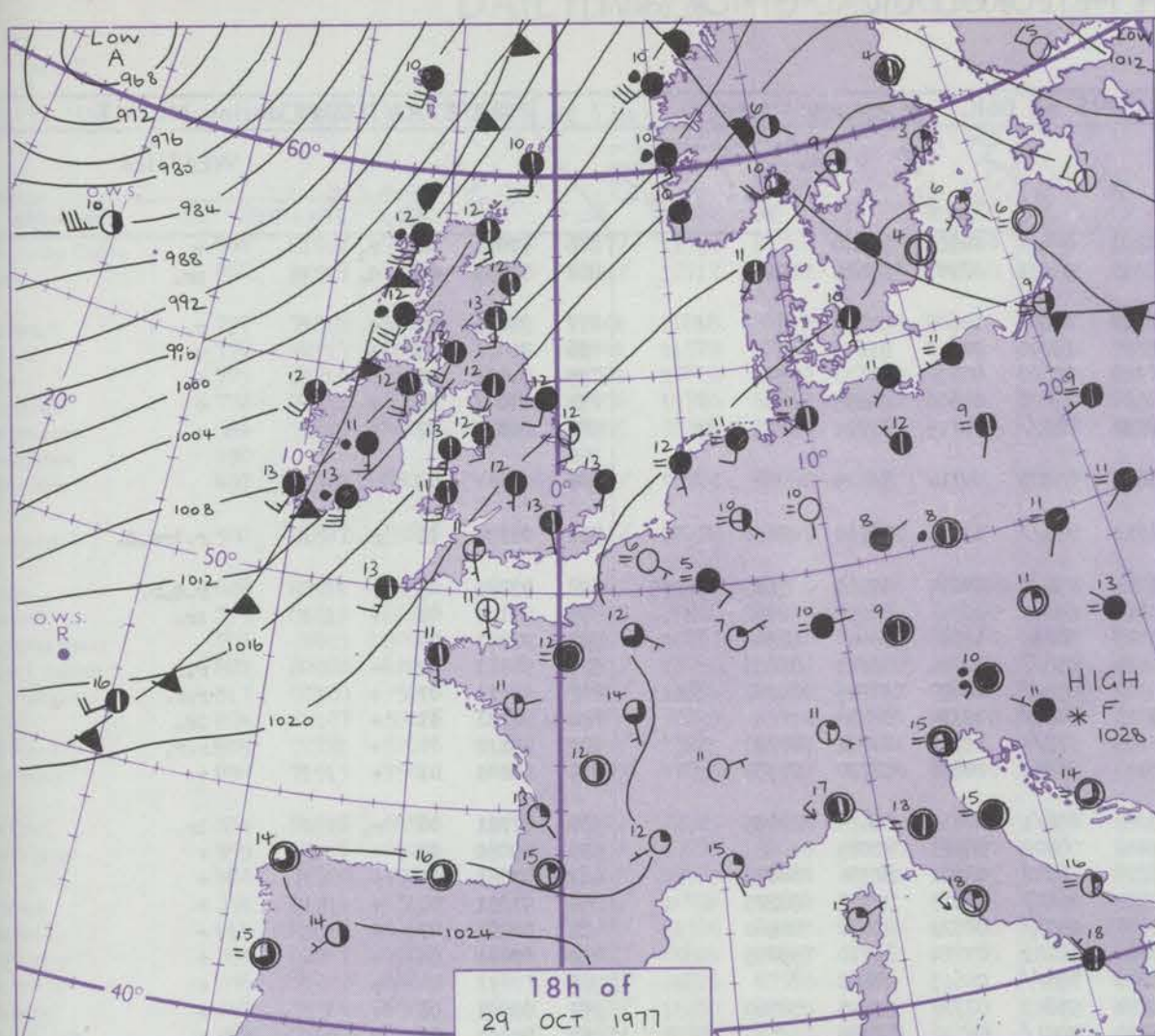


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CHARTS OF WEATHER IN WESTERN EUROPE



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 deep low has moved slowly northeast towards southern Iceland while an anticyclone over France moved steadily east into Poland; troughs of low pressure moved east across northern districts of the British Isles. A rapidly deepening low moved east across the Atlantic towards western Ireland. During the next 24 hours this low is

expected to deepen and turn northeast towards the Faeroes while the high pressure over central Europe continues to move slowly southeast. An occluding frontal system will move east across most parts of the British Isles.

Issued at midday SUNDAY 30 OCTOBER 1977

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

OBSERVATIONS at 00h. 30 OCTOBER 1977										OBSERVATIONS at 06h. 30 OCTOBER 1977										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	61506	64212	19210	653//	09820	82708	85645		746	61505	68031	17607	656//	06709	86640		746	97061	02	r.	+		
Hurn	862	32008	75015	19512	35600	09718	83630			862	51909	75031	18011	35531	08707	83625	84075	862	97091	05	d.	pr.		
Manston	797	71606	45101	21610	753//	10620	82708	84618	87650	797	31806	24111	19210	25401	10609	81710		797	97081	07	+	r.		
Gatwick	776	31601	45106	20909	35600	09714	83635			776	12106	60021	18609	15700	07610	81650		776	00071	03	+	+		
Kew	775									775	11905	75021	18109	15600	08710	81630		775	00061	00	+	+		
Heathrow	772	11603	50101	20810	15600	10713	81630			772	11704	56101	18509	15600	08606	81635		772	00081	02	+	+		
Honington	586	11708	48051	21109	15700	09612	81650			586	71707	25101	18010	762//	09715	87704		586	00090	07	+	+		
Wattisham	590									590														
Gorleston	497	31910	66011	21912	35500	10714	83625			497	61910	58051	18611	65500	09714	86625		497						
Aberporth	502	81815	65602	15311	854//	11717	86712	88630		502	81918	65602	11011	854//	11615	84710	88630	502	01131	10	r.	r. irr. d.		
Filton	628	51606	74011	19109	00901	08617	85072			628	81810	81032	16011	755//	09614	82620	87643	628	97081	05	+	r. d. r.		
Rhoose	715	51912	82031	18411	15632	08814	81630	85075		715	81814	80012	15112	556//	10717	85640	88362	715	97101	08	+	ir.		
Hartland Point	703	72012	82021	17211	3843//	09615	81818	83645	87360	703	72420	74808	13213	5663//	11618	85640	87360	703	97101	09				
Mount Batten	827	72013	70021	19213	784//	10815	82818	87625		827	82117	75212	16413	854//	12710	83713	88625	827	94111	09	+	r. r.		
St. Mawgan	817	72016	70022	17912	1647//	10720	81710	87360		817	82115	56602	15312	852//	11609	81705	84707	817	94111	09	+	r. r.		
Scilly	804	52021	80012	17113	15570	11717	81623	85360		804	82021	60216	13913	8092//	12714	88458		804	92131	11	+	ir.		
Culdrose	809	72214	65021	18013	784//	11817	84815	87640		809	82216	60606	15313	873//	12712	84708	88710	809	95122	11	+	r. r.		
Guernsey	894	12109	82021	21111	11500	06710	81825			894	72012	80031	19412	2643//	10606	82710	87359	894	00101	07	+	+		
Elmdon	534	61505	61216	18610	45301	09816	81706	84635		534	71708	65021	15208	656//	07615	86635	87075	534	97081	06	r.	ir.		
Cardington	559	21910	64011	20311	25600	10815	82645			559	21910	62021	17409	00902	08811	82075		559	00080	04	+	+		
Wittering	462	51708	56052	19810	55500	09715	82628	84650		462	41809	30101	16709	26302	08612	82706	84075	462	97081	07	+	+		
Watnall	354	71810	58056	18511	756//	09715	87630			354	81910	65031	15309	26407	08613	82710	88275	354	97081	06	+	+		
Shawbury	414	61810	62041	17309	11446	08714	81816	83360	86272	414	81613	65021	12609	2552//	08722	82620	88460	414	00091	07	+	+		
Finningley	360	31708	56041	17410	15701	09820	81650	83075		360	31806	50101	14708	16401	07714	81710	83075	360	00081	06	+	+		
Spurn Point	396	81812	60021	18612	7577//	10821	87650	88360		396	71815	58021	15610	756//	09613	87640		396			+	+		
Leeming	257	71410	65022	16010	756//	08719	87645			257	71518	58042	11909	55042	07727	85645	84360	257	00081	06	+	+		
Tynemouth	262	71920	66022	13611	2557//	08726	82625	87358		262	72025	69021	09510	7097//	06726	87358		262	00101	08	+	+		
Carlisle	222	72011	65021	11912	755//	08725	81622	87630		222	81815	65032	07112	6562//	08725	86635	88462	222	97111	10	+	ir. r. r.		
Valley	302	81830	65602	12813	853//	11723	83709	88614		302	81933	60602	07913	853//	12620	84707	88612	302	01131	11	ir.	r. r. r.		
Ringway	334	11812	60011	17010	00902	08714	81075			334	71716	75031	12509	15738	07722	81650	83362	334	97091	08	+	r. r.		
Squires Gate	318	61715	60031	15010	35701	09817	83656	84070		318	71619	65032	10211	6567//	08722	83633	85656	318	92091	08	+	r. r.		
Ronaldsway	204	71926	68252	11013	784//	10724	82713	83818	86638	204	82122	56612	06112	854//	11620	81714	88650	204	02121	10	pr. r.	rr. r.		
Mull of Galloway	131	82147	65022	07113	55407	11726	83710	84630	88270	131	82335	80026	04011	855//	09713	88620		131	02101					
Eskdalemuir	162	81819	40628	11209	873//	09619	84706	88709		162	81618	58636	06109	873//	08723	84708	88713	162	06091	08	r. d. r	r. rrr. r. r		
Prestwick	135	82020	65216	08011	854//	10724	81714	83618	85635	135	82115	60616	03111	854//	10723	81711	85616	135	10101	09	r. r. d.	r. r. rrr. r. r.		
Abbotsinch	140	82018	58616	07312	854//	10715	82711	85623	88640	140	82117	56636	02512	3742//	10623	83711	88545	140	17101	09	r. rrr. r. r. pr.	r. rrr. r.		
Leuchars	171	71919	72216	08412	6557//	08723	86623	87360		171	81624	60616	02711	854//	09731	82618	88622	171	04101	09	r. r	r. rrr. r.		
Dyce	091	81730	80586	06111	6547//	08829	82715	86628	86360	091	81625	60616	02710	854//	09723	83710	88615	091	93101	09	r. d. r.	id. r. r		
Lerwick	005	71726	65022	02010	5547//	09722	83616	85635	87362	005	81726	65106	98310	863//	10717	83709	88711	005	95101	09	ir.	ir.		
Wick	075	71920	80022	02412	5553//	07731	82625	84640	86359	075	81715	80606	98711	855//	09819	84622	88635	075	95111	08	ir.	r. r.		
Sule Skerry	010	81824	66808	00511	885//	10715	85820	88625		010	81826	74038	95912	854//	09732	85715	88625	010	96091	09				
Cape Wrath	049	52319	82016	98311	45570	08731	84620			049	82311	82032	95011	6551//	07720	86620	88460	049	96101	08	r. r.	+		
Stornoway	026	52028	70038	98311	52500	07715	85820			026	52028	75258	93312	39461	08732	81918	83822	026	04102	09	pr	pr. r. r.		
Benbecula	022	71924	75026	98911	58408	09715	83818	84635	87270	022	81724	65628	92610	6542//	09743	84615	86621	022	04101	09	pr.	pr. r. r. rrr		
Tiree	100	72024	65216	01511	5547//	10718	82713	85630	87462	100	81828	62616	95312	6642//	11840	86714	88460	100	02111	10	rr.	r. r. rrr		
Aldergrove	917	71814	80026	06711	46472	09718	84714	85462	87075	917	81816	65216	01611	6532//	09724	83708	85624	917	02101	09	r. d. r. ir.	r. r.		
Malin	980	81823	70606	03411	6647//	09609	83714	86627	87459	980	71828	80026	96411	6647//	08741	83714	86645	980	0311	09				
Belmullet	976	71921	72808	01412	734//	10821	81717	85920	86638	976	81839	58508	92113	873//	11760	82709	88715	976	0511	09				
Birr	965	71813	70026	06512	6647//	10830	84718	83630	86459	965	81715	66216	01312	864//	09836	85715	88630	965	0111	10				
Dublin	969	81813	80022	08513	855//	09828	85620	88656		969	81914	80216	04013	3552//	10824	83622	88459	969	0210	09				
Shannon	962	82010	75026	06312	6557//	11623	83625	85650	85458	962	81819	70216	00513	856//	10838	85635	87650	962	0211	10				
Roches Point	952	82019	20636	08912	874//	11524	88711			952	81729	60606	04614	873//	13726</									

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

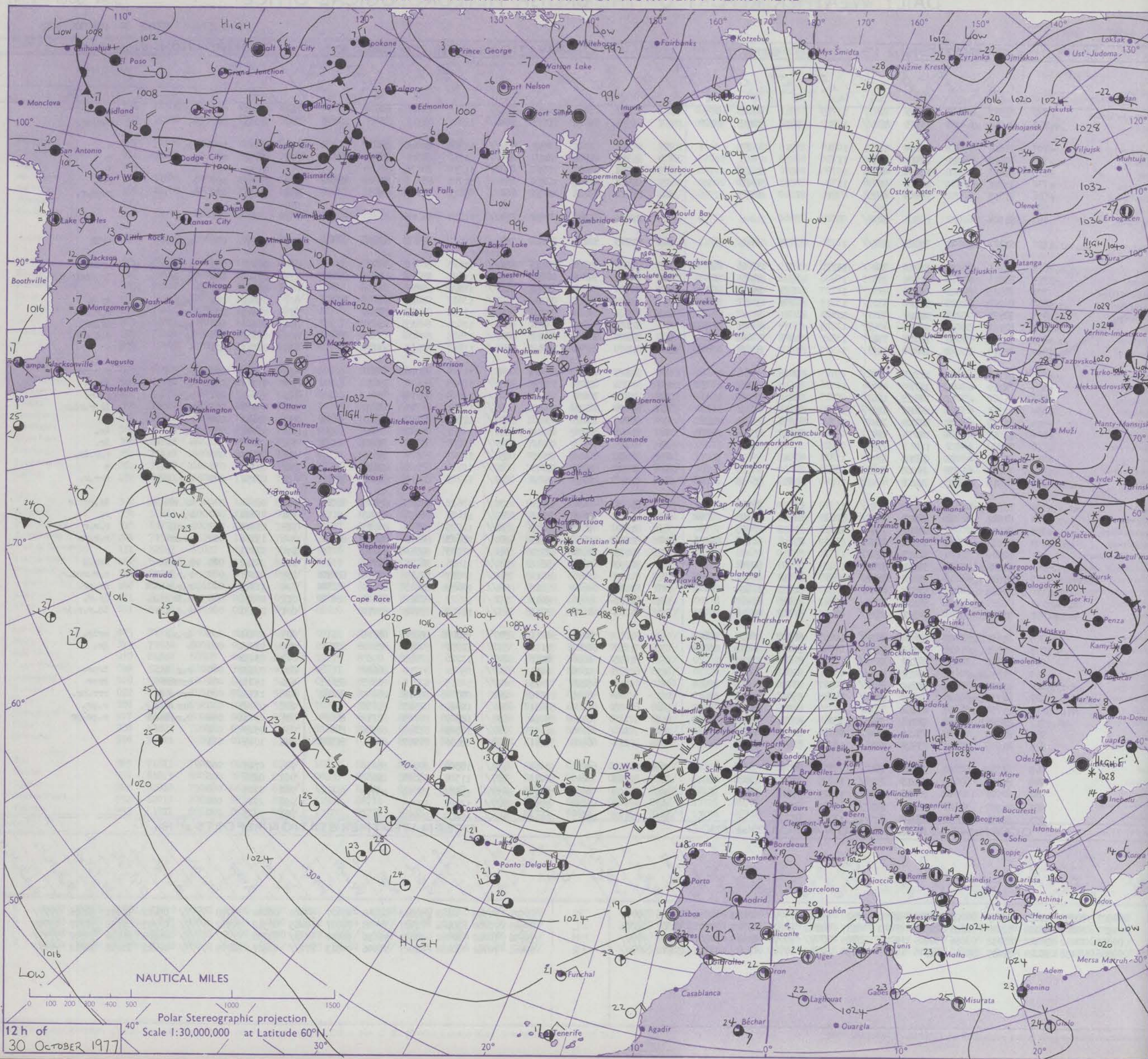
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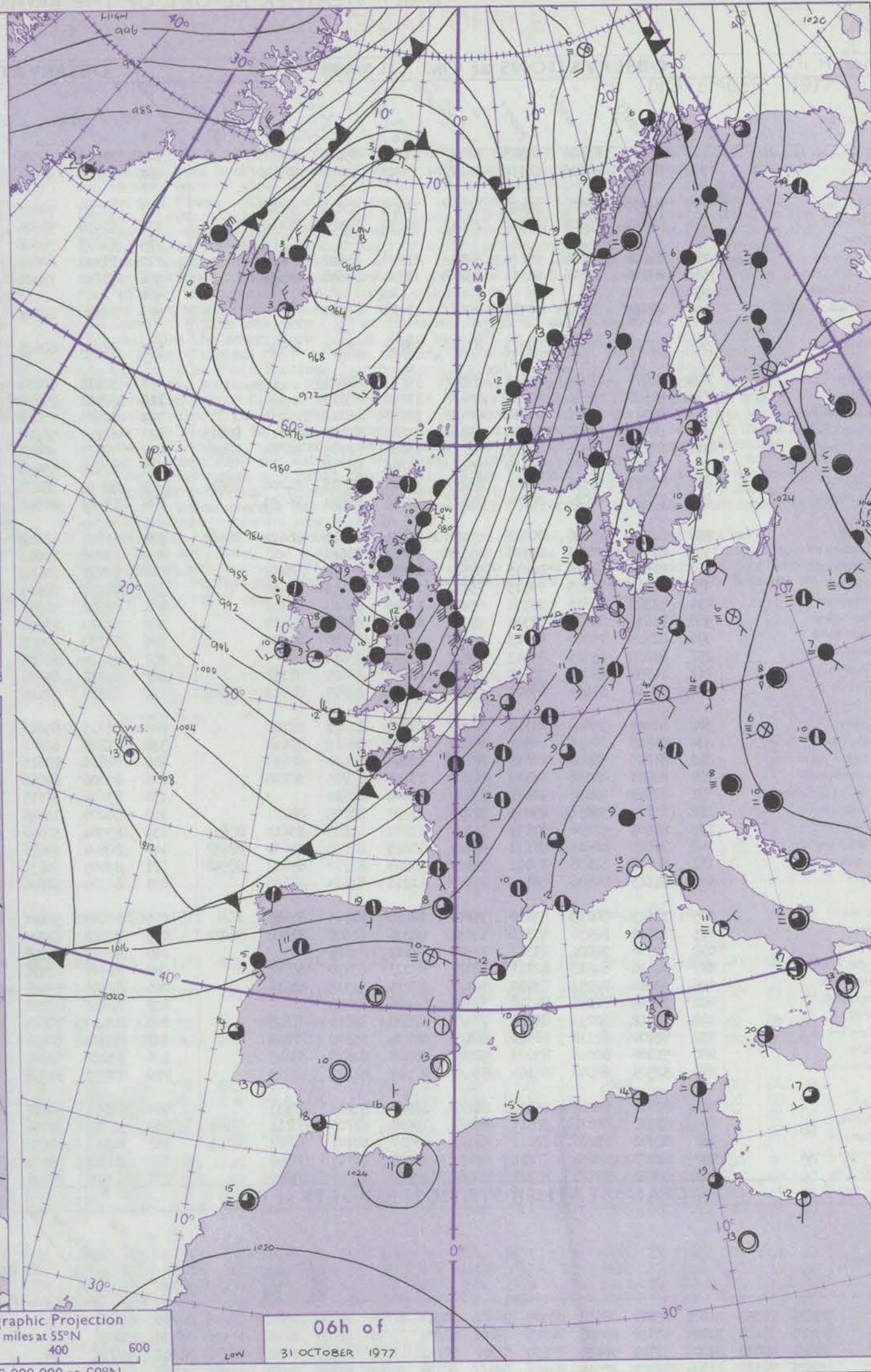
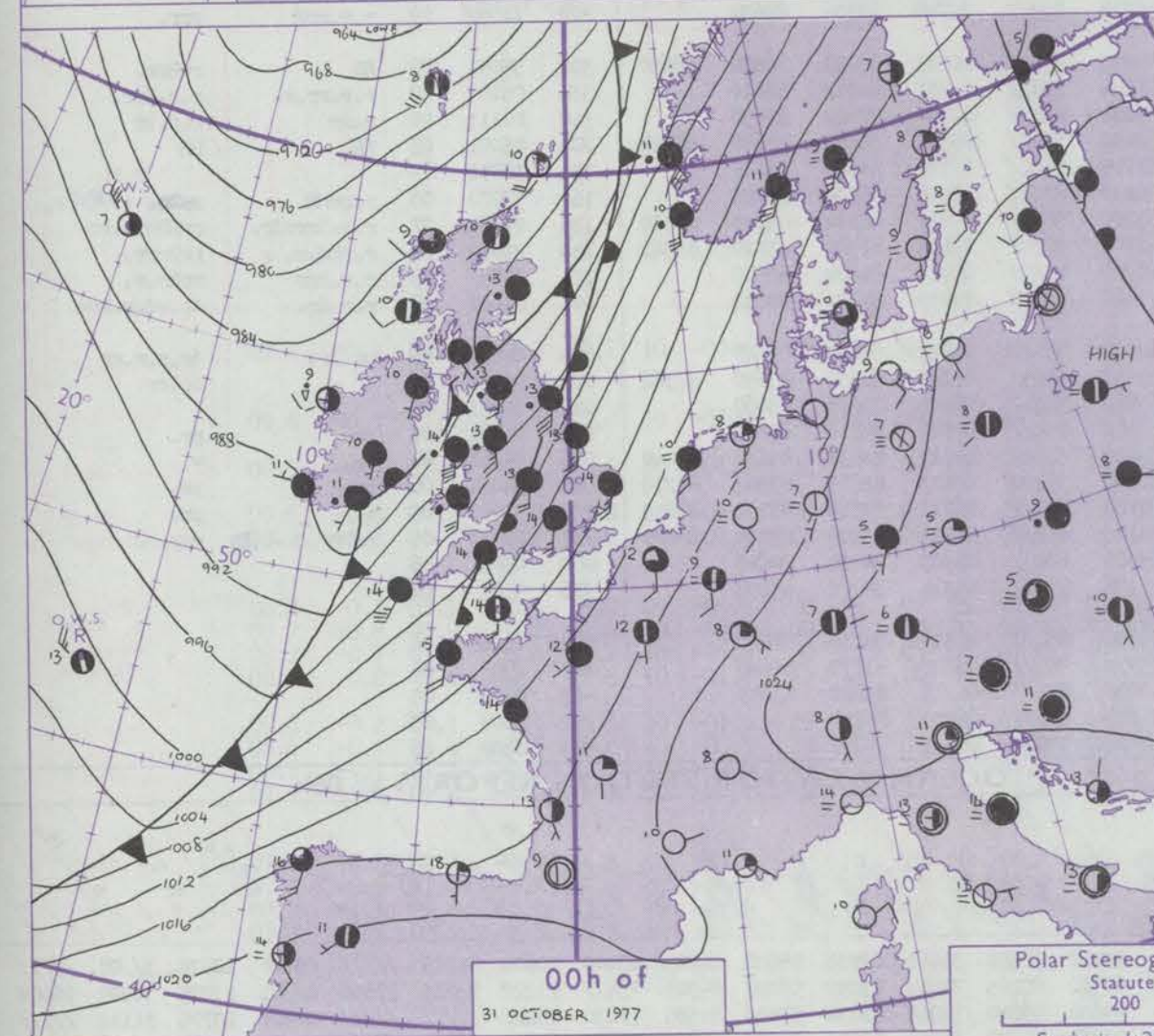
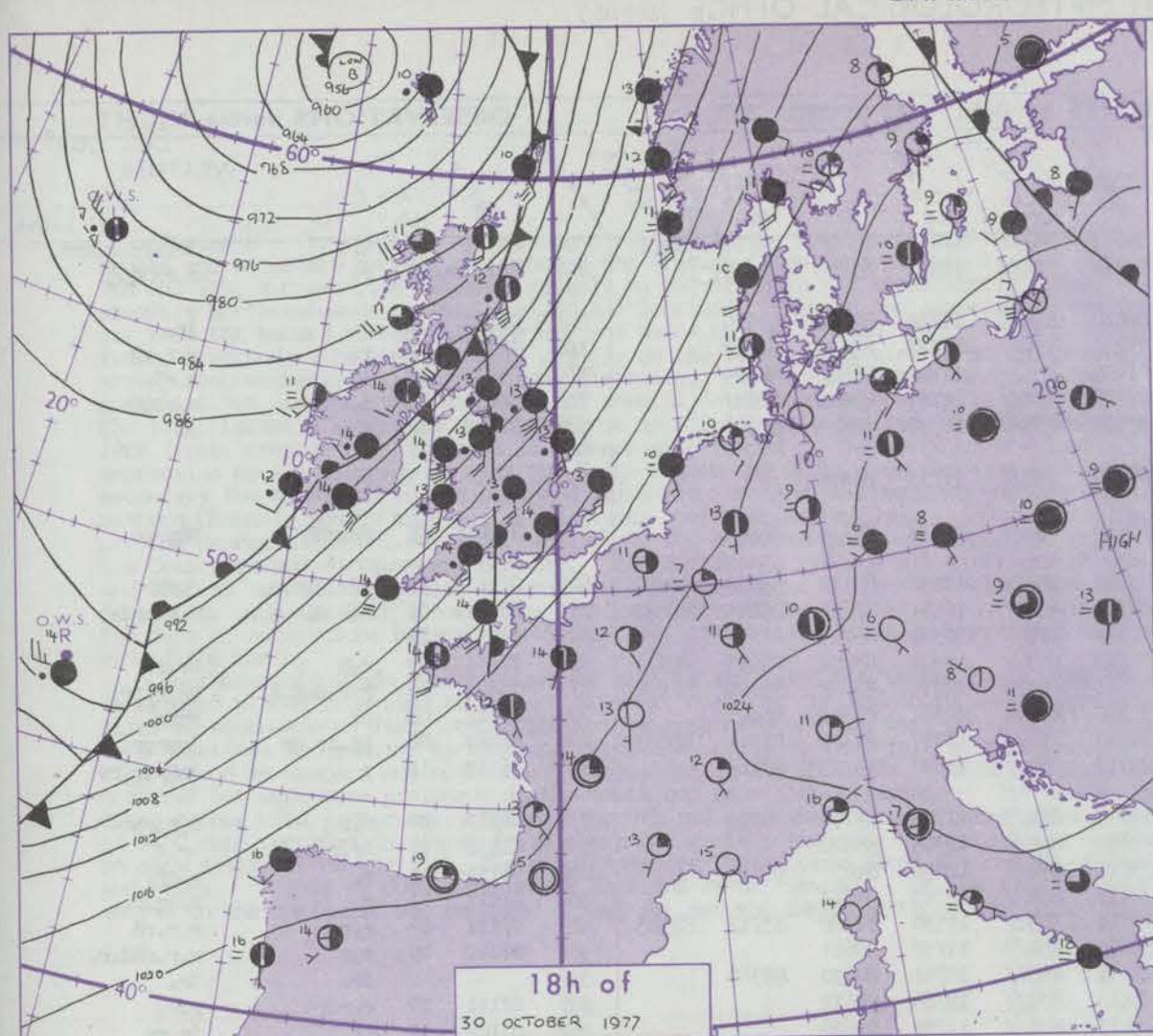
Date of Issue MONDAY 31 OCTOBER 1977

OBSERVATIONS at 12h. 30 OCTOBER 1977										OBSERVATIONS at 18h. 30 OCTOBER 1977										OBSERVATIONS during DAY				
Code FM II.V	Station	iii	Nddff	VVwww	PPPTT	N _h C _h M _h C _h	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h C _h M _h C _h	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT X E	SSS	WEATHER		
																						09h.-15h.	15h.-21h.	
Boscombe Down	Hurn	746	81917	72602	14413	7547/	11719	85712	85625	88460	746	81918	65616	10113	8547/	11816	86712	88625	746	91141	002	r.	r.r.r.r.	
		862	81918	62038	15715	8847/	12717	82712	85818	88640	862	81918	65616	11115	7542/	12721	83712	86621	87629	862	97151	003	+	r.r.r.-r.
Manston	Gatwick	797	71816	59028	17014	11401	10818	81815	87075	797	81916	60022	13914	8547/	11714	86612	88650	797	97140	020	pr.	+		
		776	42015	68011	16414	38441	11720	82816	87359	776	81915	61036	12414	8547/	11716	82711	85617	88628	776	97151	025	r.	+	
Kew	Heathrow	775	71813	70021	15614	41538	10720	84820	87272	775	81913	70022	11614	6552/	11714	86625	88460	775	00151	023	+	+		
		772	71911	68031	15715	21436	11720	82818	86270	772	81912	63606	11714	6542/	11713	83617	85625	88460	772	97151	019	r.	r.	
Honington	Wattisham	586	71815	80032	15114	20958	07816	82360	87275	586	81715	75032	11313	8547/	09611	82617	88657	586	91151	024	+	r.-r.r.		
		590								590									590					
Gorleston	Aberporth	497	81924	62022	15914	8097/	08722	88460	497	81825	64022	12413	8647/	11714	88715			497		010				
		502	81827	58626	05813	8527/	12730	87705	88630	502	81925	56636	01813	7532/	12617	84708	87615	88656	502	14132	000	d.r.r.rrrr	rrRR	
Filton	Rhoose	628	82011	65596	12013	7542/	11720	81710	87616	88459	628	82017	65216	07813	8547/	11625	86710	88616	628	06141	003	d.r.d.r.dr-r	rrdrdr	
		715	81813	83216	12114	78577	10806	86820	85635	87359	715	82019	59626	06513	7542/	11625	81712	83622	86638	715	03141	000	ir.ir	ir.irrrir.r.r.
Hartland Point	Mount Batten	703	72425	80028	09214	6857/	10727	82820	86635	87360	703	82429	32508	03913	8737/	12623	88708		703	02142	000			
		827	82020	62026	13314	7537/	13719	82708	85712	87625	827	82128	58606	08714	7542/	13623	84711	87615	88458	827	03141	000	ir.r	ir.Rr
St. Mawgan	Scilly	817	82120	75216	11314	5647/	11624	82710	84712	88460	817	82124	59606	05914	8737/	11726	84708	88710	817	01141	000	ir.r	r.r.r.r	
		804	82127	58026	09714	6547/	12728	83714	85623	88460	804	82128	56606	04214	4542/	13624	84617	88458	804	07142	000	id.	ir.r	
Culdrose	Guernsey	809	72221	57606	11814	7537/	13821	84708	87640	809	82123	56216	06413	8527/	13628	83703	85708	88615	809	02141	000	ir.	d.d.r.ir.	
		894	71915	75022	16814	5537/	12719	81707	83634	85360	894	81919	75022	13014	2572/	11817	82650	88459	894	00141	001	+	+	
Elmdon	Cardington	534	81918	68026	11113	7542/	09725	87614	87614	87280	534	81818	68606	06313	6542/	11724	86615	88462	534	94141	001	r.	r.r.r.r.	
		559	72116	68021	14314	45636	10726	84645	83360	87280	559	82012	63606	10114	8557/	11615	86623	88632	559	97150	016	ir.	ir.	
Wittering	Watnall	462	71920	75211	12813	11572	09725	81822	84360	86465	462	81820	70606	08213	6542/	10724	86619	88459	462	97141	001	r.	r.ir.	
		354	81914	65212	10612	8547/	10826	88614			354	81916	66216	06013	8547/	10721	84714	88618	354	95131	000	ir.	ir.r.r.d.r.	
Shawbury	Finningley	414	81815	68602	08313	7547/	11726	81712	87614	88360	414	81915	75606	03813	8547/	11618	83712	86618	88645	414	97141	000	r.	r.
		360	82017	70026	10013	4547/	09824	84617	85362	88465	360	81916	80216	04814	6557/	10721	85620	88462	360	97141	000	r.	ir.	
Spurn Point	Leeming	396	71922	64022	11413	7097/	09726	87360			396	81724	68606	06013	8547/	10728	83715	88635	396			+	ir.	
		257	81516	65022	06213	7547/	11833	87619			257	81722	60616	01013	8557/	10727	84622	88650	257	94141	000	+	r.r.r.ir.	
Tynemouth	Carlisle	262	71930	61022	04412	2567/	08728	82630	87358	262	71828	61022	98313	4557/	10725	84625	87358	262	00141	000	+	+		
		222	81918	70216	01113	6547/	10840	81717	83628	85643	222	81812	60616	95413	6542/	11729	82713	85624	88458	222	07152	000	r.r.r.ir.r	rrr.r.
Valley	Ringway	302	81942	40626	02714	8737/	13728	83709	88712	302	81944	40636	97614	6732/	13620	83709	85711	88522	302	08141	000	ir.r.r.r.r.	ir.r.r.r.r	
		334	81821	62026	07513	7547/	10733	83714	86645	88460	334	81820	75606	02813	8547/	11623	86616	88645	334	91141	000	r.	r.	
Squires Gate	Ronaldsway	318	81619	70036	04613	7542/	11734	81618	87625	318	81821	65616	99713	8547/	12725	82615	88625	318	03141	000	r.r.r.r	r.r.r.r		
		204	82033	45636	99513	7742/	13739	83711	86713	88556	204	82036	40636	94013	8537/	13623	82709	86714	88622	204	13141	000	ir.r	r.r.r.r
Mull of Galloway	Eskdalemuir	131	82060	57216	92713	8747/	12770	88710			131	82158	58606	87713	5442/	12723	85710	88460	131	97141				
		162	81828	58636	99411	8737/	10838	86707	88712	162	81735	60636	93512	8737/	11626	86708	88713		162	24122	000	r.r.ir.r	rrr.R	
Prestwick	Abbotsinch	135	81934	40636	95513	6542/	12547	84712	86620	88550	135	82132	65216	89314	7542/	12717	82712	87616	88458	135	09141	000	r.r.r.r	r.r.r.r.d.r.
		140	81925	62616	93214	6542/	12860	81715	84618	86622	140	82027	60626	87815	8547/	12619	82616	86620	88640	140	11154	000	r.r.r.r.r.R	rr.pr.
Leuchars	Dyce	171	81825	80216	96513	2557/	09740	82625	88460	171	81925	75216	89614	7552/	10727	82622	87645	88459	171	01151	000	r.ir.r.r.	ir.r.	
		091	81726	65506	96511	8537/	09839	83707	85710	88625	091	71738	60606	87812	7637/	11737	81708	87710	091	92131	000	r.d.d.r.	id.r.r.r.ir.	
Lerwick	Wick	005	81631	50026	91610	8537/	10855	83707	86713	88620	005	81637	50216	82210	8717/	09748	84702	88710	005	07111	000	ir.r	rrir.	
		075	81821	81036	90312	25577	07749	81625	84359	86364	075	71822	80022	81014	3547/	10737	82715	85362	87070	075	97141	000	+	ir.
Sule Skerry	Cape Wrath	010	81642	74022	86712	3557/	10760	83625	88460	010	81625	58636	78213	8747/	13726	88715		010	03132					
		049	81816	70616	84012	8747/	08781	88710			049	62330	70606	76411	6547/	09724	84710	86620	049	07132	000	r.r.ir.	irpr.	
Stornoway	Benbecula	026	81835	56636	81711	8537/	10767	83706	85710	88615	026	62527	65256	77611	6847/	10315	82710	83815	85625	026	15132	000	rrRRrr	rrpr
		022	81737	66606	80613	8527/	11765	85																

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPSIS DEVELOPMENT

During the past 24 hours a depression has been centred south of Iceland. A wave depression formed west of Rockall, moved north rather quickly to northeast Iceland and deepened considerably. A shallow wave depression formed southwest of Ireland and moved rapidly

northeast to the Lake district. The whole of the British Isles was affected by southerly gales. During the next 24 hours the area of low pressure will move northwards and fill slowly, leaving the British Isles under strong southwesterly airstream.

Issued at midday MONDAY 31 OCTOBER 1977

