

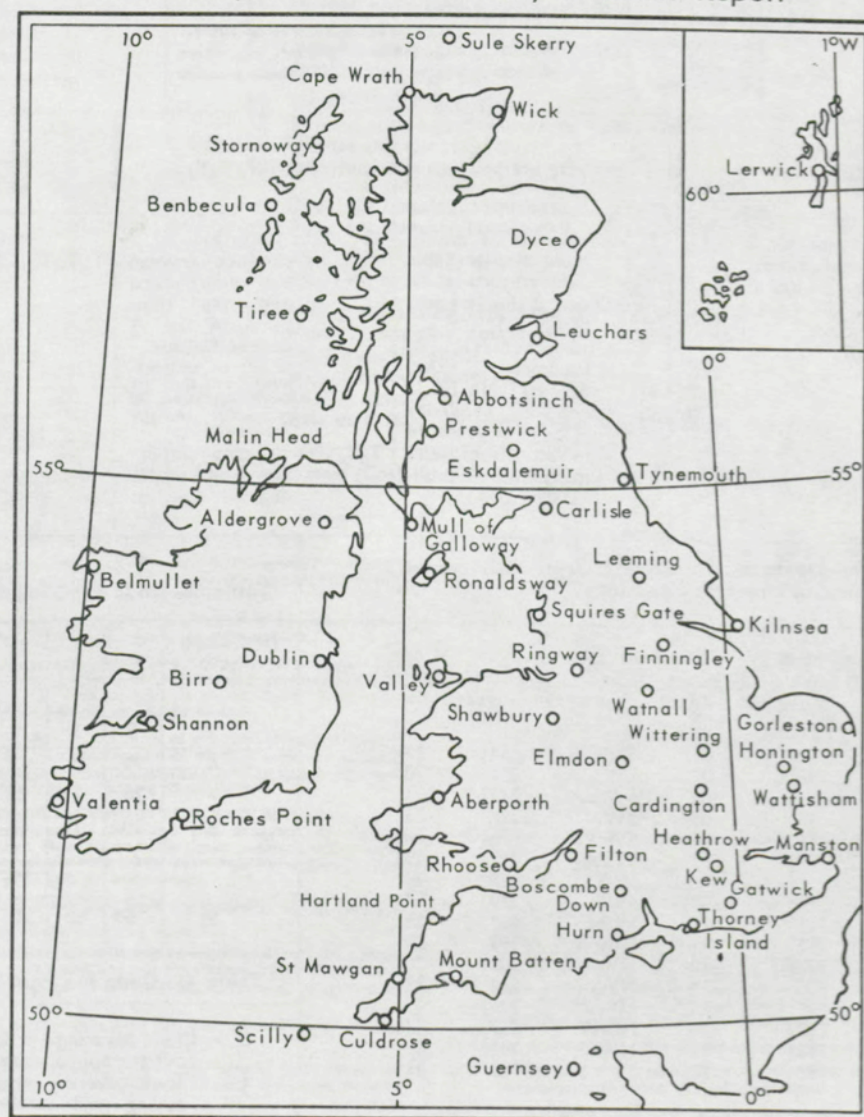
THE DAILY WEATHER REPORT

(INTRODUCTION)



1st October to 31st December, 1976

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE
Bracknell, Berkshire

1. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code (FM 21E) 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. Incorporated in this chart is a line joining the approximate locations of civil twilight (i.e., Sun 6° below horizon) at 1200 h for the mid point of the month indicated. 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 11V—Land Stations							
N dd ff	VV ww W	PPP TT	N _h CL h C _M CH	T _d T _d a pp	8N _s C h _s h _s	RRT _x T _x E RRT _n T _n E	sss T _g T _g
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).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius. <i>Note.</i> —In reports from ocean weather stations (FM 21D) only the tens and units figure of air temperature are reported. The tenths figure is reported by t_T .	N _h = Fraction of celestial dome covered by CL (or C _M if no CL). CL = 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). CH = Form of high cloud (Table 8).	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). Stations situated in tropical latitudes use the form T _d T _d 9 P ₂₄ P ₂₄ , where P ₂₄ P ₂₄ gives the 24-hour pressure changes (Table 21).	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).	RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h). 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 _g T _g = Minimum temperature on grass in whole degrees Celsius (21h–09h). sss = Duration of sunshine (in hours and tenths). E = State of ground (Table 13) (Code 0900) (at 21h and 09h).
CODE FM 21V—Ships							
99L _a L _a L _a	Q _c L _o L _o L _o L _o	YYGGi _w	D _s v _s a pp	O T _s T _s T _d T _d	IT _w T _w T _w t _T	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
99 = Indicator group. L _a L _a L _a = Latitude in tenths of a degree.	Q _c = Quadrant of the globe (Table 17). L _o L _o L _o L _o = Longitude in tenths of a degree.	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).	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 _T = The tenths figure of the air temperature.	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. This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3/00.

Table 1.—Code for Cloud Amount (N, Nh, Ns)

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 figures in degrees)	(Points)	(dd)	(Compass equivalent figures in degrees)	(Points)	(dd)
Calm	—	00	S.W.	191 $\frac{1}{2}$	19
N.E.	11 $\frac{1}{2}$	01	SSW.	202 $\frac{1}{2}$	20
NNE.	22 $\frac{1}{2}$	02	SW.S.	213 $\frac{1}{2}$	21
NE.N.	33 $\frac{1}{2}$	03	SW.	225	23
NE.	45	05	SW.W.	236 $\frac{1}{2}$	24
NE.E.	56 $\frac{1}{2}$	06	WSW.	247 $\frac{1}{2}$	25
ENE.	67 $\frac{1}{2}$	07	W.S.	258 $\frac{1}{2}$	26
E.N.	78 $\frac{1}{2}$	08	W.	270	27
E.	90	09	W.N.	281 $\frac{1}{2}$	28
E.S.	101 $\frac{1}{2}$	10	WNW.	292 $\frac{1}{2}$	29
ESE.	112 $\frac{1}{2}$	11	NW.W.	303 $\frac{1}{2}$	30
SE.E.	123 $\frac{1}{2}$	12	NW.	315	32
SE.	135	14	NW.N.	326 $\frac{1}{2}$	33
SE.S.	146 $\frac{1}{2}$	15	NNW.	337 $\frac{1}{2}$	34
SSE.	157 $\frac{1}{2}$	16	N.W.	348 $\frac{1}{2}$	35
S.E.	168 $\frac{1}{2}$	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. (Price £1.05 net).
- Correction sheets will be issued weekly. These will contain corrected observations, where appropriate, for all stations with the exception of the following:—stations in Eire, Cape Wrath, Sule Skerry, Mull of Galloway, Kilnsea, Guernsey, Scilly, Hartland Point.

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

First Code Figure	0	1	2	Second Code Figure				7	8	9
				3	4	5	6			
				Km						
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
				METRES						
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 $\frac{1}{2}$ or less of the sky throughout the appropriate period.	3 = Sandstorm, duststorm or blowing snow.
1 = Cloud covering more than $\frac{1}{2}$ 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 $\frac{1}{2}$ 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.	Characteristic change of the state of the sky during the past hour.	30-39	30		has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour. has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour.	70-79	70	Intermittent fall of snow flakes.	slight at time of observation. moderate at time of observation. heavy 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.			
		04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.		34	Severe duststorm or sandstorm.	74		Intermittent fall of snow flakes.			
		05	Haze		35		75		Continuous fall of snow flakes.			
		06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation		36	Slight or moderate drifting snow.	76		Ice prisms (with or without fog).			
		07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.		37	Heavy drifting snow.	77		Snow grains (with or without fog).			
		08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.		38	Slight or moderate blowing snow.	78		Isolated starlike snow crystals (with or without fog).			
		09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.		39	Heavy blowing snow.	79		Ice pellets type (a).			
		10	Mist.									
		11	Shallow fog or ice fog, in patches.	Fog not deeper than about 2 metres on land or 10 metres at sea.	40-49	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	80	Rain shower(s), slight.	thunderstorm during the preceding hour, but not at time of observation.	
		12	Shallow fog or ice fog, more or less continuous.		41	Fog or ice fog in patches.	81	Rain shower(s), moderate or heavy.				
		13	Lightning visible, no thunder heard.		42	Fog or ice fog, sky discernible.	82	Rain shower(s), violent.				
		14	Precipitation within sight, not reaching the ground or the surface of the sea.		43	Fog or ice fog, sky not discernible.	83	Shower(s) of rain and snow, slight.				
		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.		44	Fog or ice fog, sky not discernible.	84	Shower(s) of rain and snow, moderate or heavy.				
		16	Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.		45	Fog or ice fog, sky not discernible.	85	Snow shower(s), slight.				
		17	Thunderstorm, but no precipitation at time of observation.		46	Fog or ice fog, sky discernible.	86	Snow shower(s), moderate or heavy.				
		18	Squalls.		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.				
		19	Funnel cloud(s)†		48	Fog, depositing rime, sky discernible.	88	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.				
					49	Fog, depositing rime, sky not discernible.	89					

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 (C_M)
(Code 0515)

- 0 = No Altocumulus, 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 = Altocumulus, 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 altocumulus, 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 altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky : these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.
- 6 = Altocumulus resulting from the spreading out of cumulus.
- 7 = Any one of the following cases :—
 - (a) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky.
 - (b) Opaque layer of altocumulus not progressively invading the sky.
 - (c) Altocumulus together with altostratus or nimbostratus or both.
- 8 = Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.
- 9 = Altocumulus, generally at several levels, in a chaotic sky : dense cirrus is usually also present.
- / = Altocumulus, 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 (C_H)
(Code 0509)

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

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

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

Note 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 C_L reported, h refers to this cloud. If, however, there is no cloud of Form C_L and there is cloud of Form C_M , 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 = Altocumulus (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.			6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).		
1 ... „ moist.			7 ... Snow or melting snow (with or without ice) covering ground completely.		
2 ... „ wet.			8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).		
3 ... „ frozen.			9 ... Loose dry snow, dust or sand covering ground completely.		
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.					
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. 252.

MONTHLY SUMMARY

For DECEMBER 1976

COLD WITH RAIN AND SNOW AT TIMES

A mobile westerly situation prevailed during the first week of the month with low pressure to the north and northeast of the British Isles. On the 8th pressure began to rise as an anticyclone formed to the southwest of the British Isles and moved eastwards to be centred over the English Channel by the 11th. A mainly southeasterly flow then became established as pressure remained high over Scandinavia and low to the west and south of the British Isles. Fronts associated with these low pressure areas crossed the country from time to time, moving in a mainly northerly direction. Pressure began to build in the Greenland/Iceland area by the 19th and a high centre was well established there by the 23rd. From then until the 26th the British Isles weather was influenced by a ridge extending southeastwards from this Greenland/Iceland high. Troughs of low pressure then moved southwards across the country in the mainly northerly flow. During the last few days fronts and depressions approached and crossed the country from the west, and finally late on the 31st southern districts were affected by a depression approaching from northwest France.

A deep depression crossing southern parts of England and Wales on the 1st caused severe gales in the area around the English Channel. Rain fell in many areas, heavy at times in Wales, southwest and central England and with outbreaks of hail, sleet and snow in northern districts. After the depression had moved away winds became light for a time and fog formed. This fog was dense and freezing in places and persisted all day on the 3rd in some areas of central Scotland and central and north England. Snow spread eastwards across Scotland on the 4th and was heavy for a time.

Winds then freshened and gales from westerly points affected many areas until the 8th. After this the rain and wintry weather continued but winds again became lighter and fog formed frequently overnight, was often dense and freezing and persisted all day in places, especially on the 13th and 14th. From then until the 25th it became cold or very cold in many areas although southwestern districts sometimes had near average temperatures and there were sunny periods in the north and northwest. There were frequent outbreaks of rain, sleet and snow. Low cloud and hill fog was often widespread and freezing fog affected Northern Ireland between the 20th and 21st. Gales affected east coastal areas on the 17th, 19th, 20th and 21st. Snow fell in southern parts of England late on the 27th and on the 28th and a temperature of -11°C was recorded in many parts of southern England on the night 28th/29th.

Mean temperatures were below normal in all areas both by night and day. The anomalies ranged from between -1°C and -3°C , making the month one of the coldest Decembers this century.

Rainfall was very variable, mostly above average in southern England, south and east Midlands, northeast England and east Scotland and a few places in Northern Ireland. Elsewhere amounts were below normal.

Sunshine also showed a very variable distribution but amounts were near to or above average in much of England, Wales, Northern Ireland and Scotland except parts of the west and northeast.

PLACE	TEMPERATURE										SUNSHINE										RAINFALL													Days with thunder	Days with snow or rain and snow	Days with fog (Vis. \lt 200 metres at 09 h.)					
	Mean maximum $^{\circ}\text{C}$	Difference from average	Mean minimum $^{\circ}\text{C}$	Difference from average	Highest maximum $^{\circ}\text{C}$	Date	Lowest minimum $^{\circ}\text{C}$	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	Year	Lowest	Year						First year of record	Highest	Year	Lowest	Year											
Kew Thorney Island	05.2	-2.0	00.1	-2.3	09.8	22	-07.7	29	20	14	09	06.8	(a)	062	144	1880	072	1886	0.3	1890	19	14	31	067	129	1866	162	1914	06	1926	02	04	03								
Cardington	04.2	-2.6	-00.6	-2.3	08.4	07	-07.4	29	23	17	13	06.8	11	057	116	1949	091	1962	014	1969	16	19	31	085	189	1947	093	1965	10	1963	01	05	01								
Boscombe Down	04.1	-2.8	-00.5	-2.6	08.8	08	-10.1*	29	23	17	13	07.1	10	057	112	1932	091	1962	020	1956	17	17	18	115	153	1931	204	1934	11	1933	01	04	01								
Rhoose Mount Batten	05.1	-2.9	00.8	-1.9	09.2	22	-05.9	29	19	13	09	05.9	(b)	058	121	1954	065	1961	003	1956	17	21	01	090	093	1954	208	1965	42	1967	01	03	00								
	07.5	-1.7	02.6	-2.3	11.0	22	-05.5	29	15	10	09	05.6	10	057	106	1921	082	1946	027	1927	11	17	17	116	105	1921	246	1934	14	1926	01	01	00								
Elmdon Valley	04.1	-2.4	-01.1	-2.9	08.9	08	-07.1	04	22	22	13	07.1	04	070*	167	1945	061	1974	019	1956	17	17	20	081	133	1940	138	1965	12	1963	00	11	00								
Ringway	06.8	-1.7	02.5	-2.1	09.9	22	-01.8	17	15	03	09	06.0	04	057	114	1946	080	1960	030	1959	15	19	30	057	061	1941	179	1964	17	1963	02	05	00								
Watnall	03.8	-2.6	00.5	-1.7	08.0	08	-03.4	29	20	12	13	06.8	28	045	122	1945	065	1964	016	1947	15	16	06	067	087	1942	180	1965	11	1963	00	18	03								
	03.8	-2.3	-00.3	-2.2	07.9	08	-05.5	04	24	18	13	06.4	09	049	129	1948	062	1961	012	1956	14	13	31	063	102	1941	180	1965	19	1963	00	15	01								
Finningley	04.1	-2.7	-00.3	-2.4	08.3	08	-05.0	05	24	19	14	06.4	09	066	174	1958	075	1972	014	1958	17	17	31	050	116	1958	097	1965	08	1963	00	09	00								
Tynemouth	04.3	-2.3	01.2	-2.0	07.4	23	-03.5	29	18	08	-	-	-	-	174	1936	071	1966	023	1968	13	19	02	076	146	1864	133	1915	04	1905	01	18	00								
Eskdalemuir	02.0	-2.8	-02.3	-2.6	04.5	23	-11.3	04	28	24	14	06.4	28	060	150	1911	074	1967	003	1912	08	20	06	107	069	1911	339	1932	33	1933	00	22	01								
Abbotsinch	03.5	-3.0	-01.5	-3.4	07.5	23	-08.6	05	23	20	15	06.0	25	053	177	1921	068	1967	009	1956	07	14	06	075	071	1921	230	1929	15	1933	00	16	01								
Leuchars	03.6	-2.5	-00.5	-2.1	07.2	23	-07.0	06	23	21	13	06.4	03	066	135	1921	082	1967	016	1934	15	15	19	077	135	1921	127	1959	08	1926	00	12	00								
Dyce	03.2	-2.5	-01.1	-2.1	06.6	23	-08.4	12	24	18	13	06.1	01	055	120	1941	067	1951	017	1968	14	27	16	143	191	1942	147	1955	25	1941	00	18	02								
Stornoway	05.2	-1.8	01.5	-1.4	08.2	13	-03.7	03	18	14	14	04.2	02	032	128	1880	054	1935	006	1884	10	20	29	081	062	1943	214	1949	58	1963	00	11	00								
Aldergrove	04.1	-2.6	00.3	-2.2	09.2	23	-05.2	28	20	15	17	06.1	09	038	109	1927	070	1935	017	1954	14	19	16	069	075	1927	145	1929	15	1963	00	12	03								
* New lowest											(a) 05, 11 (b) 02, 09																														
																																* New highest.									

* New lowest

(a) 05, 11
(b) 02, 09

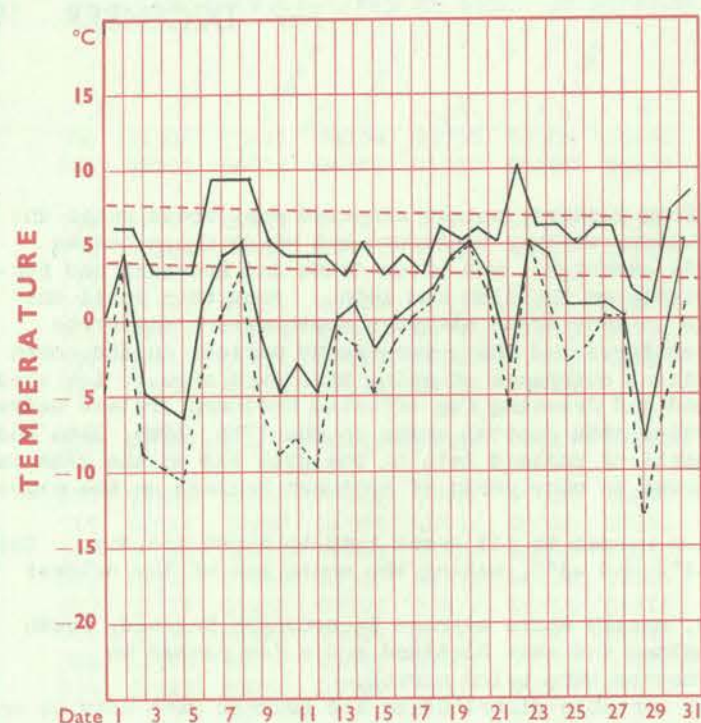
* New highest.

Corrections to MONTHLY SUMMARY No.251 FOR NOVEMBER 1976

RHOOSE: Difference from average Mean Max. -0.3

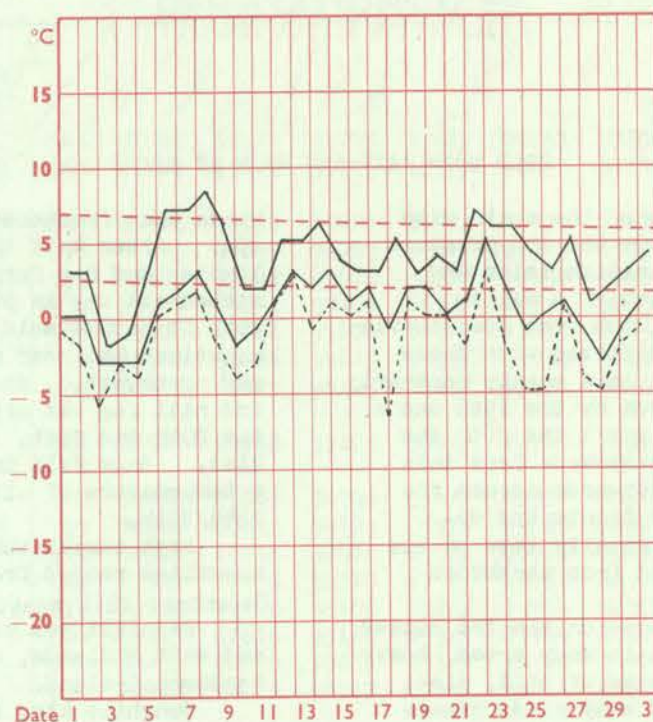
PLYMOUTH: " " " Mean Min. -0.4

LONDON (Kew)



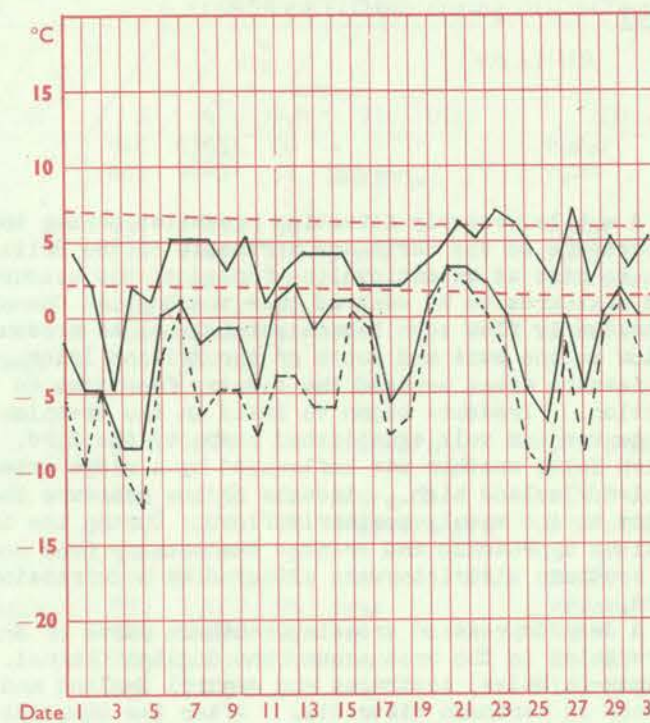
Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

MANCHESTER (Ringway)



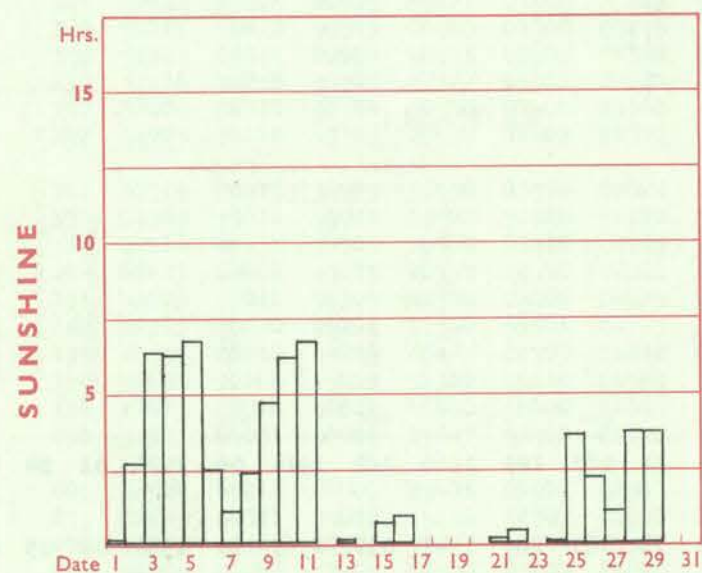
Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

GLASGOW (Abbotsinch)



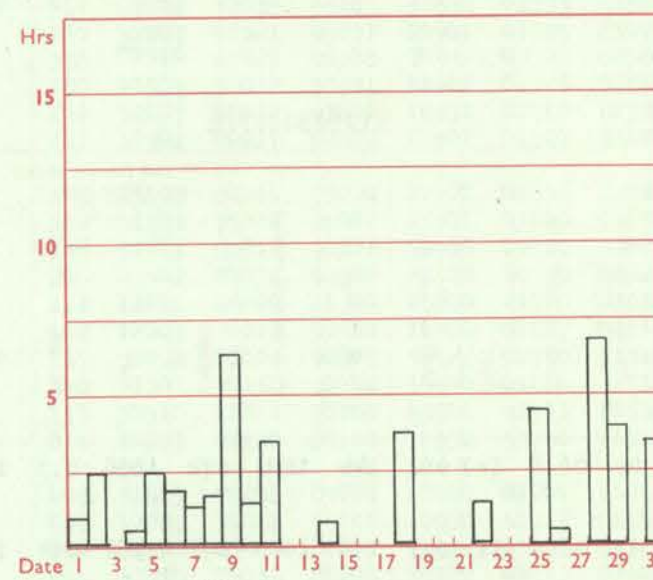
Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

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.



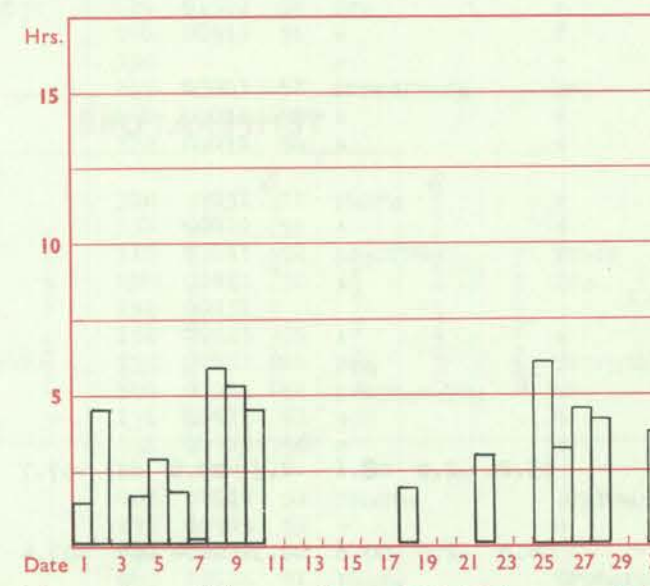
Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

Total for month 62 30-year (1941-1970) average 43 hrs.



Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

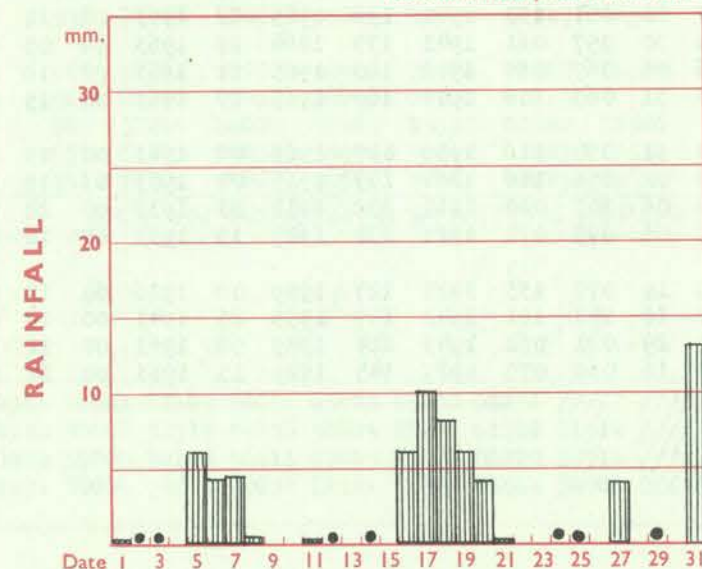
Total for month 45 30-year (1941-1970) average 37 hrs.



Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

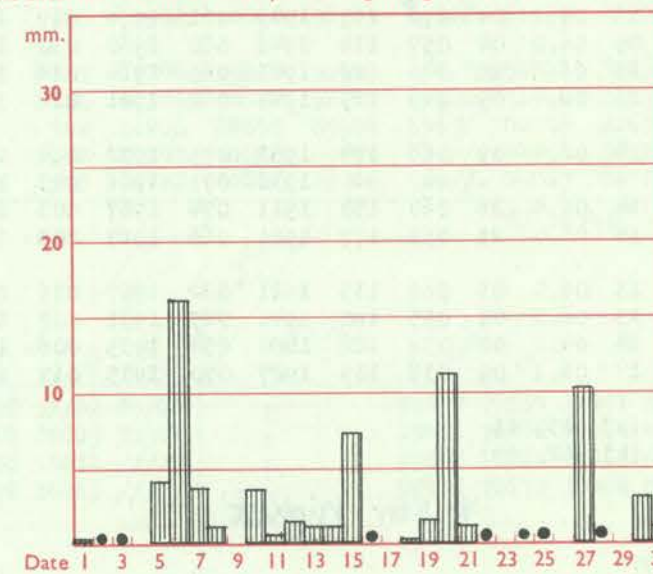
Total for month 53 30-year (1941-1970) average 30 hrs.

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 "•"



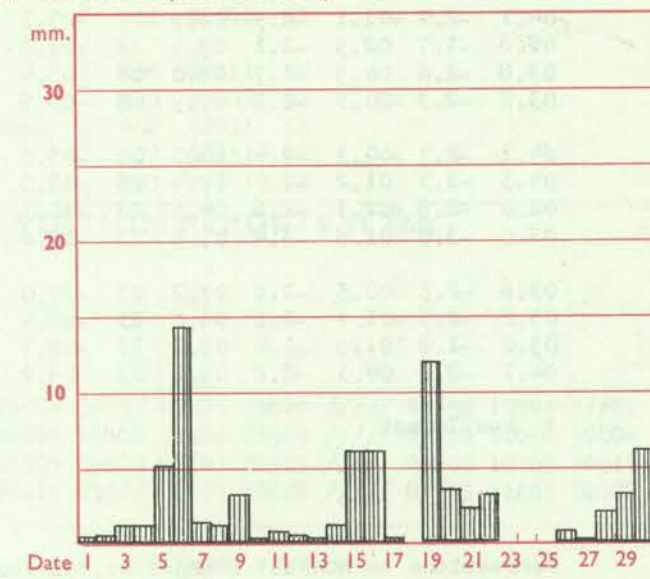
Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

Total for month 66 30-year (1941-1970) average 52 mm.



Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

Total for month 67 30-year (1941-1970) average 77 mm.



Date 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

Total for month 73 30-year (1941-1970) average 106 mm.

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

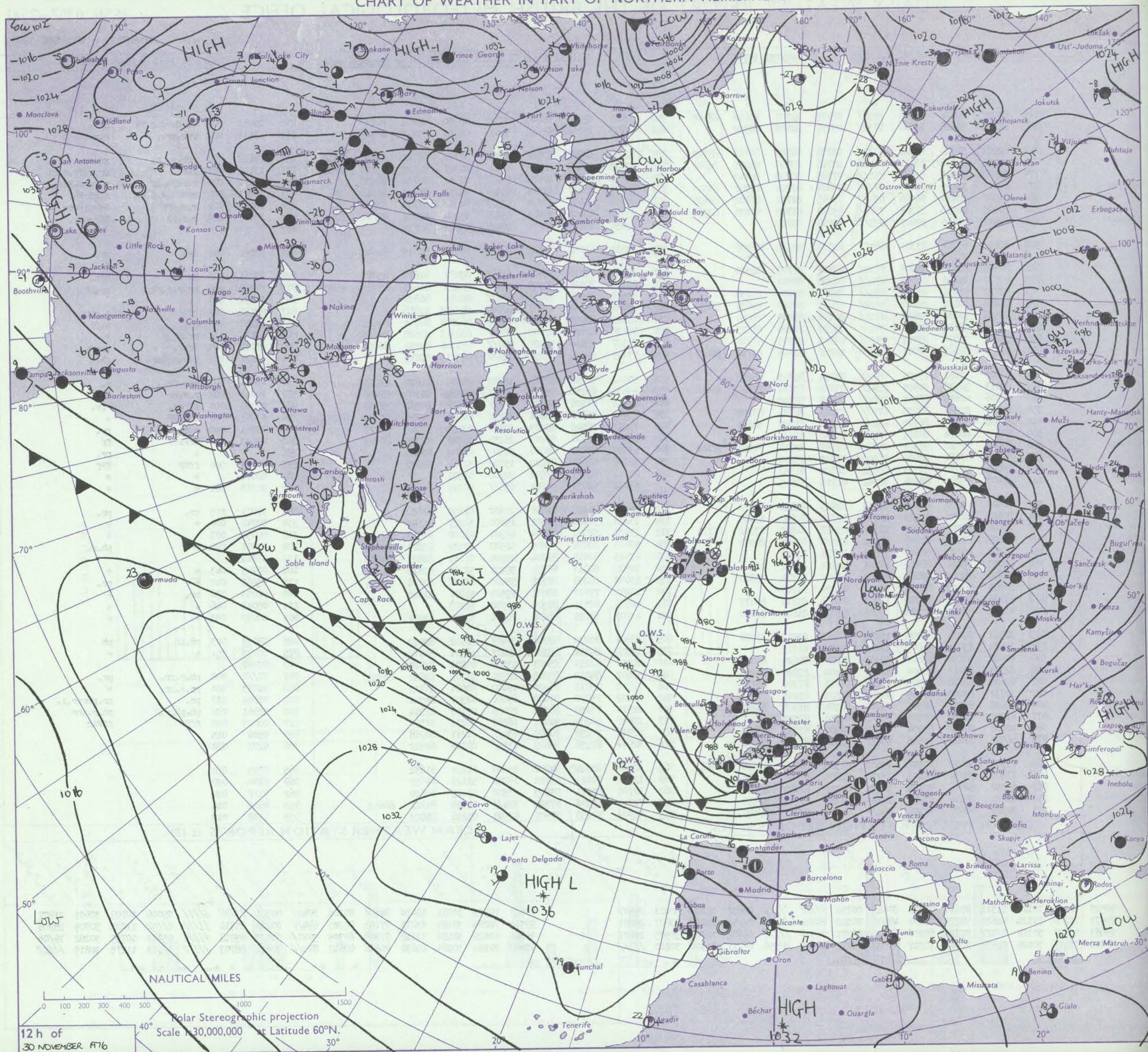
ISSN 0307-2541

No. 42013

Date of Issue WEDNESDAY 1 DECEMBER 1976

Code FM I.I.D.		OBSERVATIONS at 12h. 30 NOVEMBER 1976										OBSERVATIONS at 18h. 30 NOVEMBER 1976										OBSERVATIONS during DAY				
Station	ill	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	ill	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	ill	RRT x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	81907	60586	82208	853//	07775	82707	86612	88645	746	83417	65216	86004	873//	03270	86708	88710		746	22081	000	Rr.d.-d.r.r	Rrr.			
Hurn	862	82214	59626	82610	2732/	09777	82708	88530		862	83419	75218	85605	5641/	03361	85714	88460		862	13111	000	Rr.r.pr.	r.r			
Thorney Island																										
Manston	797	82011	50636	85809	5732/	08778	81708	85712	88545	797	82512	62808	77008	5847/	06727	82710	83640	88359	797	15112	000	rrr.r.pr.	pr.r			
Gatwick	776	82219	50646	83011	7542/	10788	83710	85615	86640	776	83419	56688	81203	6732/	02327	82707	85710	88460	776	13112	002	rrr.r.pr.	pr.r			
Kew	775	80905	18516	83407	853//	07785	82708	88640		775	83514	58637	82604	854//	02352	81710	88620		775	18091	000	r.rRRd.Rf	r.r.r.s.s			
Heathrow	772	80807	35636	83407	7722/	07884	81704	87707	88540	772	83316	58637	82704	854//	03354	86710	88618		772	19091	000	rrRRd.r.d.r.	r.rR-RS			
Honington	586	81007	18636	86506	850//	05865	82701	86702	88624	586	83518	40637	80704	873//	04312	83708	88712		586	20061	000	r.r.Rrr	RR-rs-rrr.			
Wattisham	590	80909	45636	86305	7522/	05870	81703	87616	88550	590	83422	45696	79804	853//	03304	83707	86711	88617	590	23062	000	r.r.rR	RRr-rsr.			
Gorleston	497	81412	58616	87607	875//	07768	88720			497	83636	48636	78806	874//	05710	88715			497		000					
Aberporth	502	80414	65216	83305	6647/	03837	86710	88458		502	63516	82252	91506	684//	02256	84815	86640		502	93061	002	ir.	pr.			
Filton	628	80909	50616	81806	7732/	05767	87709	88520		628	33414	75016	88405	11401	03272	81814	83070		628	09061	000	Rrrr.	rrr.			
Rhoose	715	80712	14606	81006	870//	06766	88701			715	73111	70016	90305	25432	02383	81618	83360	85075	715	16062	000	rrir.r.rRpr	rr.ir.			
Hartland Point	703	82722	56636	80108	853//	08760	85708	88630		703	63518	80026	92108	625//	02291	86820			703	12092	000					
Mount Batten	827	82828	58626	82609	5532/	07647	82709	84630	88550	827	23416	75018	91807	28440	052105	81816			827	03111	001	rr.	r.rpr.			
St. Mawgan	817	82836	50636	82807	4732/	06638	83709	88550		817	73623	56808	94207	6841/	062103	84816	84625		817	12101	000	rR	r.pr.			
Scilly	804	72636	58216	84610	785//	06729	82820	87623		804	73225	61028	97908	785//	032115	83820	86625		804	03111	019	rrir	+			
Culdrose	809	72623	50876	83707	793//	07743	83709	87914		809	73327	45818	94407	794//	051106	84914	86630		809	07112	005	irpr.	prpr.			
Guernsey	894	82337	57606	87811	853//	10762	81706	84710	86617	894	73129	62558	88108	724//	05321	87813			894	05121	001	r.r.rRpr	pRr.			
Elmdon	534	80707	32632	85505	852//	04754	85703	88616		534	53311	58046	87003	15502	00340	81620	85075		534	05051	000	rrr.r.	r.			
Cardington	559	80813	50636	84905	7542/	05772	83712	85620	86650	559	83613	60216	83604	8097/	04334	83360	88462		559	10062	000	r.r.r	rr			
Wittering	462	80906	02636	86504	860//	04756	88700			462	83418	17106	84503	861//	02322	84702	88703		462	06051	000	ffrrr.	r.r.			
Watnall	354	80407	01584	86903	870//	03743	86701	88702		354	73413	30106	86401	35232	00321	81705	83360	87075	354	93043	000	d.r.FF	+			
Shawbury	414	80508	19636	86104	852//	03846	81703	88613		414	73211	27046	89203	20931	02239	82362	87075		414	01041	000	r.r	pr.			
Finningley	360	90103	00474	88201	9//	01832	89//			360	73311	20104	86201	26232	01310	82705	86075		360	00023	000	ffFFFF	ff			
Spurn Point	396	70000	57022	88304	2647/	03747	82710	84360	87462	396	53520	65012	84006	52500	02502	85825			396			+	pr.			
Leeming	257	52002	07464	88801	56000	01729	85701			257	12705	58284	87200	15700	51304	81650			257	00013	000	ffFF	FFf			
Tynemouth	262	12005	56020	89303	10930	02722	81359			262	03211	61020	87602	00900	01501				262	00041		+	+			
Carlisle	222	21403	75031	88804	18542	01718	81825			222	63002	62031	88801	656//	00211	86637			222	00063	061	+	+			
Valley	302	70507	82021	86706	18518	03625	81820	87270		302	23115	81018	91006	21500	01230	82822			302	97071	005	pr.	pr.			
Ringway	334	70608	56041	87203	2577/	51737	82650	87465		334	13208	56041	88501	15600	51227	81645			334	00041	000	+	+			
Squires Gate	318	70906	30048	87303	28558	03827	81822	83362	87270	318	23508	58041	88704	18501	01220	81822			318	00051	003	+	+			
Ronaldsway	204	40108	82028	87906	18542	02720	81822	84072		204	53013	82018	90405	58500	02319	83821	84826		204	91071	046	+	ph.r.			
Mull of Galloway	131	30208	86020	88606	32500	04713	83825			131	43415	86018	89704	22501	01211	82825	84075		131	97061						
Eskdalemuir	162	10000	65011	88401	16401	50818	81712			162	32502	80011	88701	38400	52310	82816			162	00043	043	+	+			
Prestrick	135	51908	74038	88604	58400	02811	81714	83820		135	53602	68258	88702	58400	01207	83816	84625		135	95061	042	+	pr.			
Abbotsinch	140	32403	59258	88504	38301	03709	81708			140	12202	75011	88401	15500	51207	81620			140	92053	036	pr.	+			
Leuchars	171	62408	60021	88202	11401	00708	81712	86075		171	02509	82011	87500	00900	51103				171	00043	046	+	+			
Dyce	091	42605	82031	87203	12501	52711	81820	84070		091	12703	65021	86601	00901	53302	81072			091	00053	055	+	+			
Lerwick	005	32512	82278	84004	19403	01705	81912	83070		005	32809	82030	83902	29403	50502	82912			005	93053	023	ph.ph	ph			
Wick	075	22609	83021	86003	19463	01708	81915			075	12805	84010	85951	19402	52501	81915			075	00033	051	+	+			
Sule Skerry	010	60000	74158	85604	43503	04801	84920	86070		010	20000	82251	854													

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



12 h of
30 NOVEMBER 1976

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

CHARTS OF WEATHER IN WESTERN EUROPE

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

Code FM II.D		OBSERVATIONS at 00h. 1 DECEMBER 1976										OBSERVATIONS at 06h. 1 DECEMBER 1976										OBSERVATIONS during NIGHT				
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 _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	12712	75021	96202	15600	01129	81640			746	42307	75011	93801	35601	00723	83630			746	00003	55 +	+				
Hurn	862	02308	70011	96803	00900	02130				862	00502	80010	93900	00900	00729				862	00523	53 +	+				
Thorney Island																										
Manston	797	52814	70018	92003	16438	01265	81711	84272		797	02310	65021	93501	00900	50807				797	00003	52 +	+				
Gatwick	776	22712	56057	94803	00908	01148	82275			776	22408	62030	93900	00905	50719	82280			776	00523	56 +	+				
Kew	775									775	02107	62021	93401	00900	00814				775	97003	55 +	+				
Heathrow	772	02608	56016	94403	00900	01141				772	02305	62020	93401	00900	01718				772	00513	55 +	+				
Honington	586	02818	60016	90601	00900	51245				586	02308	58020	91801	00900	51805				586	00013	52 +	+				
Wattisham	590	02819	57017	90501	00900	51152				590	02310	65020	92100	00900	51707				590	00513	53 +	+				
Gorleston	497	02918	66016	87903	00900	02246				497	02510	66020	90901	00900	01400				497							
Aberporth	502	32914	82018	95405	32500	00109	83820			502	62203	84038	91003	685//	01730	81820	86635		502	95021	00 +	pr				
Filton	628	02912	70010	95704	00900	02119				628	22006	65030	92702	15530	01726	81625			628	97011	52 +	pr.				
Rhoose	715	12911	80021	96204	11400	02115	81812			715	71507	65808	92703	784//	01725	86814	86622		715	07022	54 pr.	pr. phrpr				
Hartland Point	703	30000	86021	97007	32500	02006	83820			703	52610	83028	92506	32536	04732	83820	84075		703	01051	03					
Mount Batten	827	22810	70038	98306	15501	03001	81620			827	70905	62101	93002	7092/	01735	87465			827	00021	52 +	+				
St. Mawgan	817	43013	80038	98407	42500	04802	84825			817	71804	80021	93104	32508	03729	83828	87275		817	00041	01 +	+				
Scilly	804	42512	80021	99508	48500	04709	84820			804	80000	80028	93907	854//	04729	88619			804	97071	04 +	pr.				
Culdrose	809	42706	68038	99405	15501	02001	81620	83075		809	40000	65016	93304	25601	03635	82635	83070		809	93031	00 1r.	+				
Guernsey	894	52914	75018	00407	58500	00127	84820			894	82010	60616	95306	883//	04736	83709	85621	87638	894	94061	03 pr.	r.e.d.e.r. 1r.				
Elmdon	534	12607	65251	93402	15500	00221	81625			534	02207	70020	91501	00900	50818				534	97513	53 pr.	+				
Cardington	559	52815	58052	92902	25631	01134	82640	84078		559	22413	70021	92201	00901	00815	82080			559	00003	53 +	+				
Wittering	462	12713	45041	91901	00901	52224	81075			462	42311	75030	91401	00904	51715	84075			462	97003	53 +	+				
Watnall	354	12810	58051	91802	15700	00218	81650			354	12406	62011	90600	10940	51714	81360			354	00513	53 +	+				
Shawbury	414	33003	80018	93602	38500	00213	81825	83630		414	02004	80010	91001	00900	00712				414	94523	55 pr.	+				
Finningley	360	12711	60021	90502	15630	51218	81640			360	12507	60020	89001	00902	50718	81075			360	00003	55 +	+				
Spurn Point	396	12923	70018	89403	10970	00227	81360			396	02416	70020	89203	00900	00710				396		+	+				
Leeming	257	12905	80020	89401	15600	51209	81640			257	12408	82020	87302	15600	51719	81640			257	00503	53 +	+				
Tynemouth	262	02712	69020	88601	00900	00306				262	42609	69020	86502	40930	01716	84359			262	00013	52 +	+				
Carlisle	222	42804	81011	89701	48400	01202	81819	83645		222	12802	65018	86701	18400	50822	81819			222	92503	57 prspr.s.	+				
Valley	302	32815	82038	93305	32400	02003	83819			302	32418	80030	89406	31400	03829	83816			302	97051	02 +	ph.r.				
Ringway	334	22204	58258	92401	28400	51114	81818			334	22009	75018	89901	28500	51722	81820			334	04001	51 pr. pr	pr. prpr.s.				
Squires Gate	318	23013	75018	91206	22500	02109	82822			318	22717	70018	87906	28500	03724	81820			318	04041	01 pr. prphrprHR	pr. prphrprHR				
Ronaldsway	204	62812	84031	91405	624//	01002	82817	85821		204	22716	84011	87805	22402	02722	82817			204	00041	51 +	+				
Mull of Galloway	131	22920	84011	90304	24500	01806	81825			131	62915	85031	87104	64500	02721	82825	86630		131	00031						
Eskdalemuir	162	10000	75021	89352	16400	53502	81715			162	72105	58838	85701	793//	51720	85707	87922		162	01537	54 ps.	psps. pr.s.				
Prestwick	135	82613	58838	88804	893//	02602	82708	83910	86812	135	62614	65028	85203	48403	01725	81712	83656		135	06011	51 pr.s. pr. prs	prspr.				
Abbotsinch	140	62704	70031	88250	5843//	52602	81818	85635		140	72308	60268	84801	793//	50721	81706	81915	84820	140	04525	56 pr.s.	pr.s. ps. prs				
Leuchars	171	12408	80030	87151	15600	52701	81635			171	12409	75020	84351	15602	53718	81630			171	00523	55 +	+				
Dyce	091	12903	84020	86152	10930	55703	81360			091	12506	84030	83151	00901	54716	81068			091	00543	59 +	+				
Lerwick	005	51906	58878	82901	59400	00710	85910			005	23009	81018	80103	19403	51618	81912			005	02516	56 ph. ps.	ph.				
Wick	075	32905	82030	85452	19460	53501	81915			075	12710	84020	82153	10960	54718	81359			075	00553	58 +	+				
Sule Skerry	010	62805	74258	84703	635//	03609	86920			010	30000	66258	81603	33500	02723	83920			010	04013	51					
Cape Wrath	049	60000	65838	84902	4256//	02707	84820	86360		049	62705	80838	81903	4256/	01717	84820	86360		049	03525	54 pr.s.	pr.s.				
Stornoway	026	43003	80018	85100	49400	50608	82915			026	22303	80021	81700	29400	51721	82916			026	97513	55 ph.r.	+				
Benbecula	022	22411	82258	86103	29400	01609	82916			022	11606	85020	82400	19400	00725	81916			022	93001	54 ph.r. pr.					

Code FM 21.D														OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.													
O.W.S.		99L _a L _a L _a		Q _c L _o L _o L _o L _o		YYGGiw		Nddff		VVwwwW		PPPTT		N _h C _h C _m C _H		D _s v _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 T _w		3P _w P _w H _w H _w		d _w d _w P _w H _w H _w													
		99L _a L _a L _a		Q _c L _o L _o L _o L _o		YYGGiw		Nddff		VVwwwW		PPPTT		N _h C _h C _m C _H		D _s v _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 T _w		3P _w P _w H _w H _w		d _w d _w P _w H _w H _w													
C L M R	99527	70355	01001	72522	96106	91507	55530	00221	85621	////	00105	10718	3//11	////	C L M R	99527	70355	01061	52727	98031	98605	55500	00239	////	////	05351	10716	3//16	////												
	99571	70202	01004	33411	99011	90604	32401	00814	83818	////	0//51	11039	30905	28905		99570	70202	01064	83605	97271	83302	5333//	00847	82708	85914	0//00	11057	30301	99//09												
	99664	10027	01004	71824	98808	71006	69470	00101	86915	////	05204	10700	30404	19//05		99660	10021	01064	52119	97158	73205	59400	00208	85918	////	05402	10732	30605	////												
	99467	70165	01004	82844	96606	05513	873//	00400	88706	////	0//14	11269	30920	////		99467	70167	01064	82734	96586	09013	873//	00216	88706	////	0//13	11268	30918	////												

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

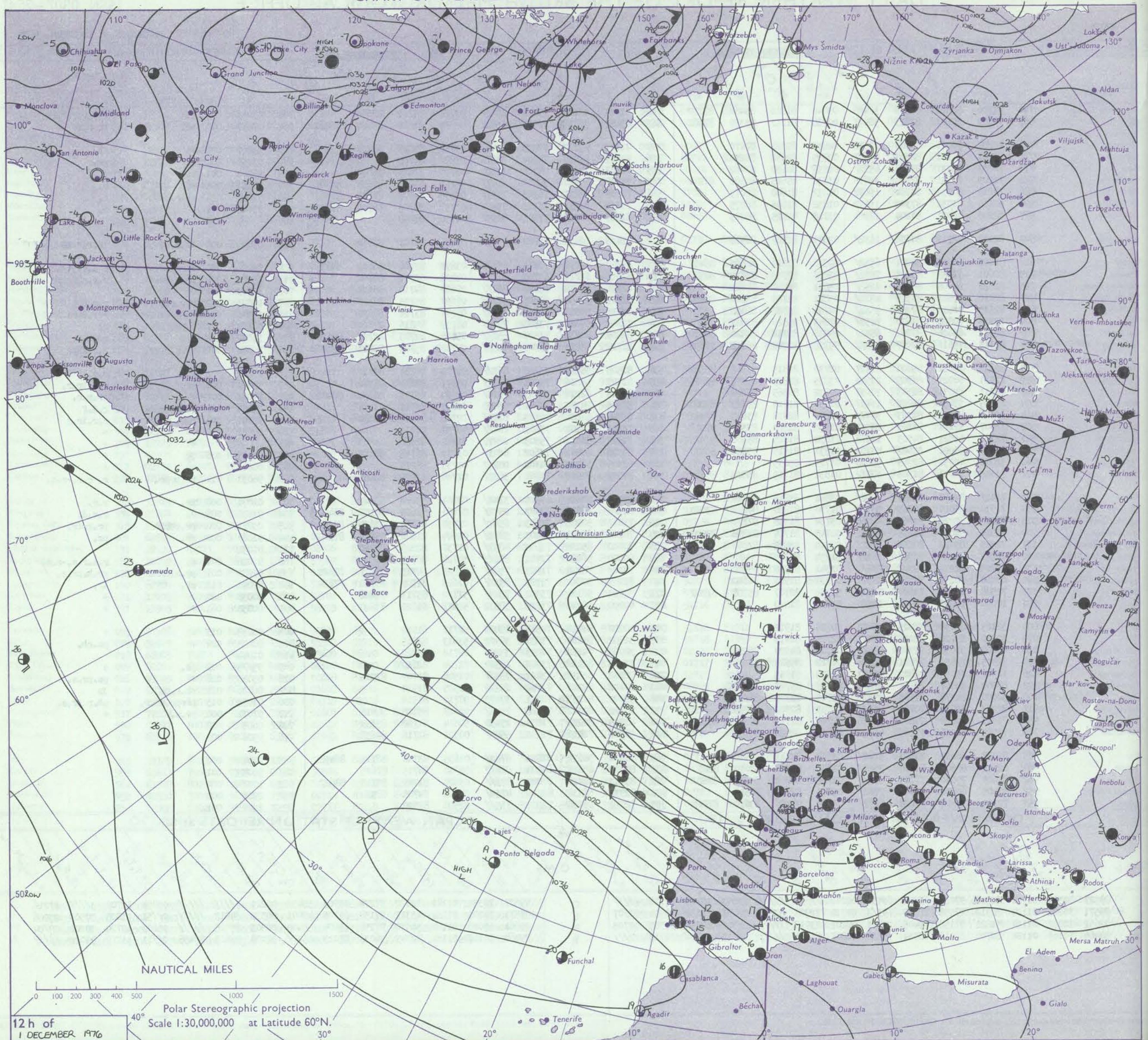
ISSN 0307-2541

No. 42014

Date of Issue THURSDAY 2 DECEMBER 1976

Code FM I.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		1 DECEMBER 1976										1 DECEMBER 1976														
Station	iii	Nddff	VVwww	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	VVwww	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	X	SS	WEATHER		
																								09h.—15h.	15h.—21h.	
Boscombe Down	746	71706	80021	87503	38428	03840	81812	85464	87270	746	81111	60216	73004	854//	03788	84711	88616		746	03051	000	r.			r.d.r.r.r.r.r	
Hurn	862	72802	50101	87803	38471	02738	81712	85359	87462	862	81407	56618	72707	6542/	05894	84614	85624	88459	862	07072	000	pr.			pr.r.r.r	
Thorney Island																										
Manston	797	72207	70021	88305	12538	02837	81822	87270		797	71707	65212	77703	5541/	03858	85616	87460		797	91061	005	+			ir.	
Gatwick	776	80701	56101	88203	25677	03835	82630	88270		776	41409	57216	75804	35371	03871	81709			776	01051	000	r.			rr.	
Kew	775	72003	72031	87605	6572/	02838	86650	87462		775	61509	70216	75304	15532	03770	81625	85070		775	97061	001	r.			r.	
Heathrow	772	72103	70151	87705	55678	03838	85645	84362	87272	772	71408	65216	75304	6557/	04771	81625	86635	87365	772	91061	001	r.			r.	
Honington	586	72210	80031	86904	15632	01832	81640	86075		586	71609	48212	76303	7533/	02859	82708	87633	87362	586	91041	036	r.ir.			r.	
Wattisham	590	62110	61031	87302	15632	01832	81645	86075		590	71612	58212	76503	752//	02757	83705	86706	87630	590	91041	021	+			r.	
Gorleston	497	62208	66031	87204	12504	03718	81825	86075		497	81810	60022	77205	8097/	04756	88458			497		053					
Aberporth	502	82110	82211	84004	1832/	02849	81707	88462		502	81423	60616	66604	853//	03896	84707	88650		502	03051	000	ir.r.r.			ir.r.r.r. r.s.o.r	
Filton	628	82405	60608	86804	6552/	04838	83620	86635	88462	628	81010	59216	71204	853//	03892	85706	86622	88635	628	04051	000	r.r.			r.d.r.r. r.d.r	
Rhoose	715	82607	57638	86805	7532/	03838	82708	87612	88540	715	81215	63616	69705	873//	04898	82706	88708		715	18062	000	pr.r.r.			r.r.r.r.r.r	
Hartland Point	703	82628	64808	86107	4252/	05841	84820	88460		703	82726	60638	68907	854//	07689	84710	88624		703	17082	001					
Mount Batten	827	82716	70602	87309	4822/	05841	82705	83811	88550	827	82919	50658	69807	5722/	07697	85705	88520		827	10091	000	r.r.r.ph			r.r.r.r	
St. Mawgan	817	82513	70616	87307	5552/	04744	85622	88458		817	83136	59806	70308	844//	05574	83714	88630		817	15091	000	r.r.r			r.r.r.r.r	
Scilly	804	72316	70808	88609	7853/	07843	85820	87623		804	72840	56606	73508	784//	06739	84815	87620		804	06112	000	r.pr.			r.	
Culdrose	809	82313	65606	87907	6842/	05838	82712	84820	88460	809	82829	40616	71907	852//	05468	82703	85707	88620	809	11092	000	r.r			r.r.r	
Guernsey	894	82315	75616	89907	853//	05728	82709	86612	87650	894	82728	63216	72809	853//	077109	83708	84711	87640	894	10092	000	ir.r.r.r.r			r.r.r.r.r	
Elmdon	534	82111	62031	85604	28437	02739	81815	84362	88270	534	81508	58216	73203	862//	02770	86704	88710		534	97041	001	r.r.			r.r.	
Cardington	559	72311	66021	86905	28582	03835	81825	83359	87075	559	81509	58216	74504	7537/	04871	87609	88360		559	95051	004	ir.			r.r.r.r.r	
Wittering	462	82111	75031	86303	10937	01832	81365	88270		462	81813	62216	74703	7522/	02864	85705	86630	88460	462	97031	007	+			ir.r.r.	
Watnall	354	82205	35051	85002	11437	01736	81810	83360	88268	354	51505	24107	73701	56400	01863	85712			354	01031	000	r.d.r.r-rs			r.d.f	
Shawbury	414	72106	80021	84703	3847/	02840	82818	83645	87462	414	81406	62606	72103	6727/	02766	86705	88359		414	95041	000	r.r.			r.r.r.r	
Finningley	360	72007	57041	84203	28572	01832	81820	83362	87075	360	71603	56102	73501	764//	00759	87711			360	00031	010	+			+	
Spurn Point	396	72312	60021	84703	12578	01832	81825	85360	87275	396	21812	66011	75303	20970	01749	82360			396						+	
Leeming	257	71509	59021	82602	48402	01831	81815	83620	86070	257	81306	20042	73602	6641/	01743	86713	88467		257	00033	006	jp			f	
Tynemouth	262	52006	40051	82203	55600	01729	85635			262	82305	56022	74102	00907	01735	88275			262	00041		+			+	
Carlisle	222	71703	60031	81303	684/2	01832	81715	83819	85622	222	81003	60028	71601	3637/	01746	82708	88463		222	96031	010	pr.pr.pr.			r.-r.r.-r.s.	
Valley	302	72417	84158	82807	3242/	03841	83818	87468		302	81211	80618	69504	3742/	03761	83710	88545		302	01071	000	pr.			r.r.	
Ringway	334	71910	65021	84203	58502	01736	81820	84635	87070	334	81508	56616	72603	2557/	01761	82625	86358	88460	334	91031	008	r.			r.r.d.	
Squires Gate	318	72208	65278	82204	49466	03734	81918	87270		318	71807	50108	71603	6547/	02750	81710	83630	87360	318	03071	000	pr.phrpr			pr.pr.ir.	
Ronaldsway	204	72514	84031	81605	48432	02740	81714	84816	87070	204	70206	68028	70403	5853/	02644	81820	85650	87360	204	91061	000	pr.			pr.	
Mull of Galloway	131	72515	85022	80704	3257/	02844	83825	87460		131	70000	85028	71204	4857/	01737	82825	87460		131	01051						
Eskdalemuir	162	72207	70228	80301	763//	51834	87709			162	80000	56682	72701	872//	50726	88705			162	92026	004	s.			r.s.o.r.s.-s.o.	
Prestwick	135	70705	62278	79301	794/1	01841	81910	85812		135	70207	58028	71903	754//	01721	84713	86617	87620	135	07032	001	pr.s.ph			pr.h.pr.s.	
Abbotsinch	140	60000	60258	79304	58371	02737	81706	84640		140	81103	50042	72302	853//	01623	81707	83710	87634	140	92041	013	pr.			ir.	
Leuchars	171	72508	62031	79601	763//	51728	82707	85708	87709	171	70000	56102	73351	754//	51722	85711	87626		171	00033						

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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13-17

Additional
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18-52

CHARTS OF WEATHER IN WESTERN EUROPE

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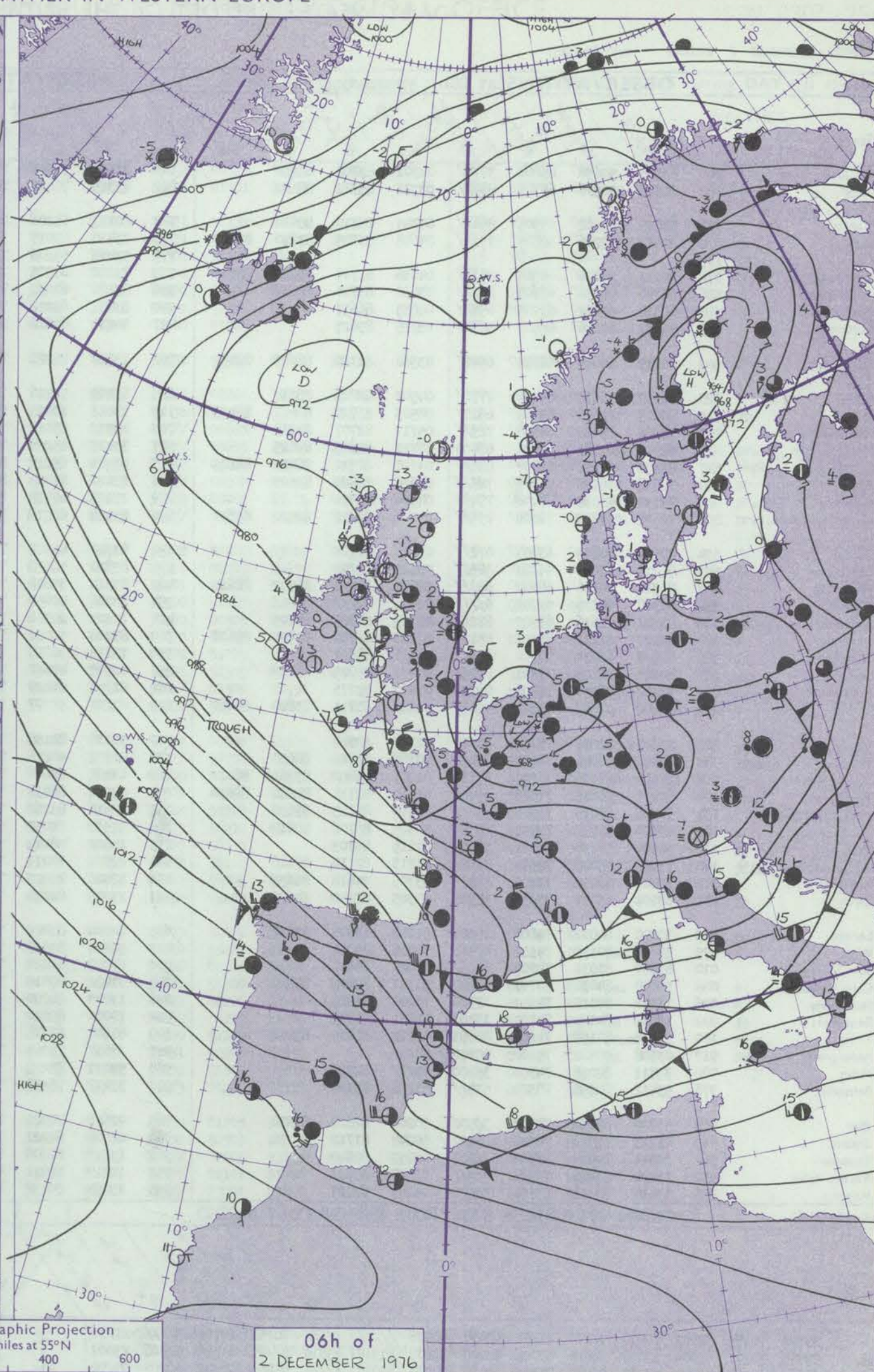
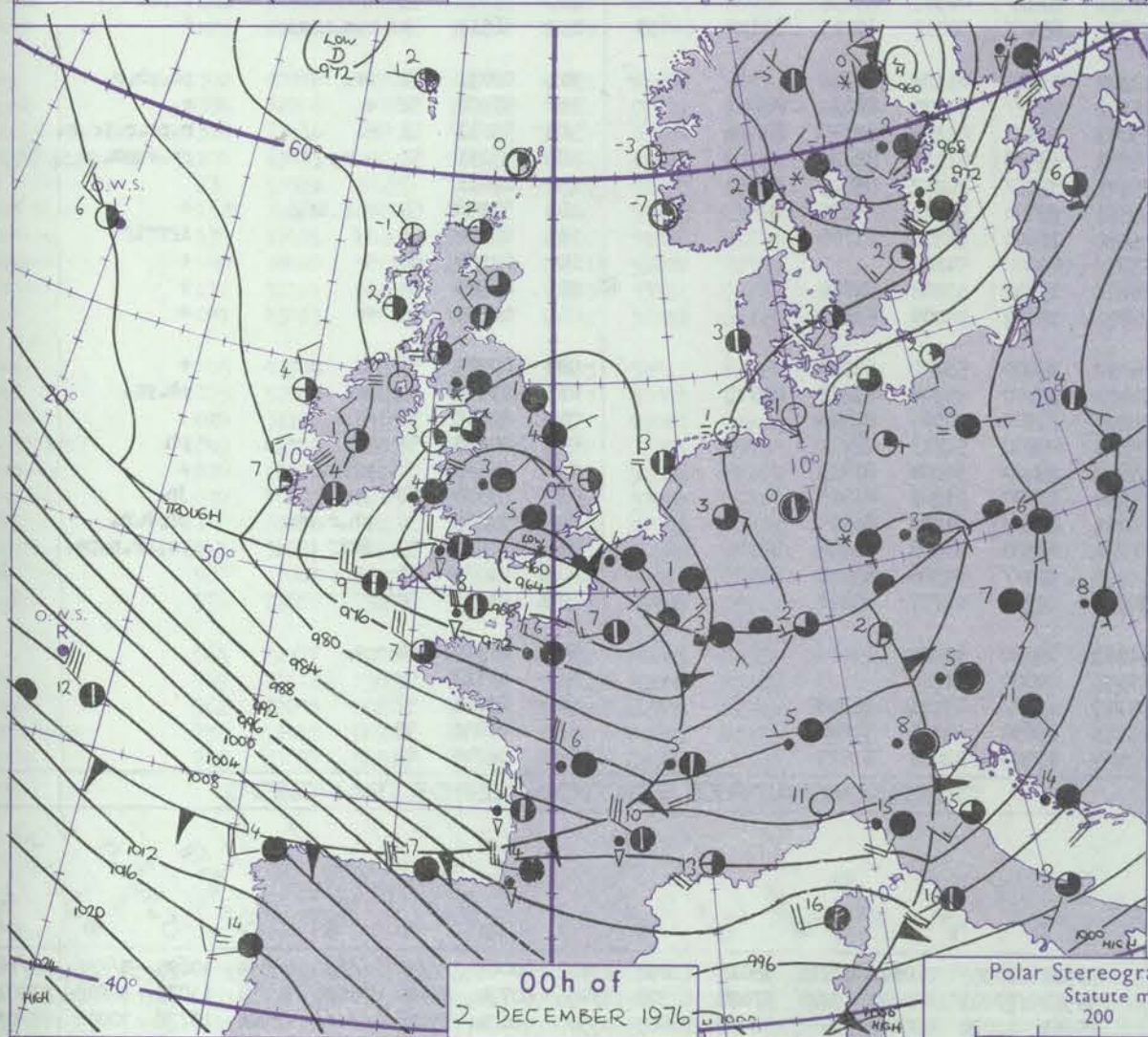
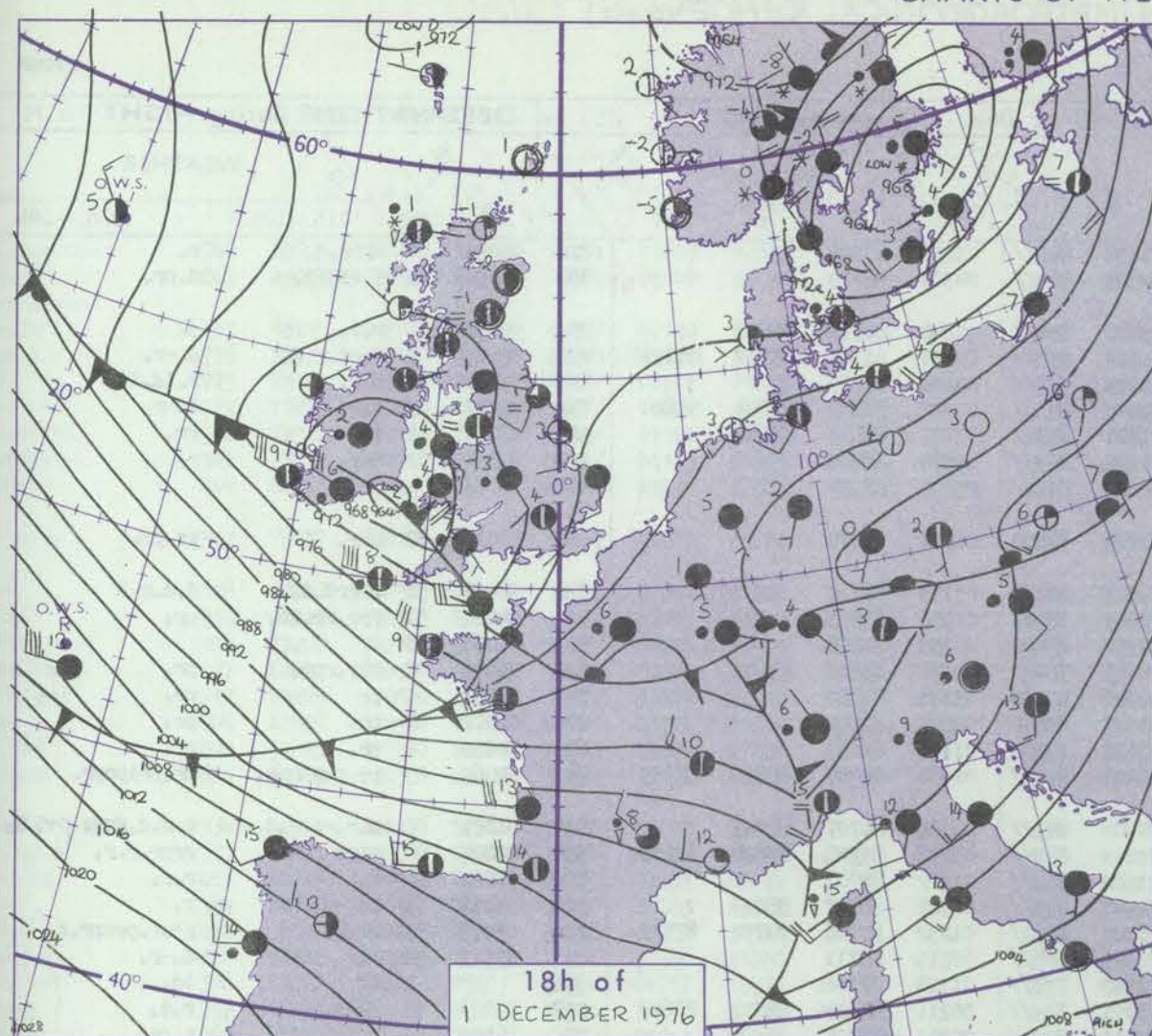
3-7

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Additional
or add

18-52



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression over the Norwegian Sea moved southwestwards to the east of Iceland, a low over the eastern North Sea moved away northeastwards, whilst another low over the Bay of Biscay moved east over France and then northeast into Germany. A further depression to the west of Northern Ireland deepened as it moved rather quickly southeastwards

across southern Ireland and southern England to northeast France by this morning. During the next 24 hours the depression over northeast France will move away eastwards, whilst the low off southeast Iceland is expected to move southwards to the Irish Sea.

Issued at midday THURSDAY 2 DECEMBER 1976

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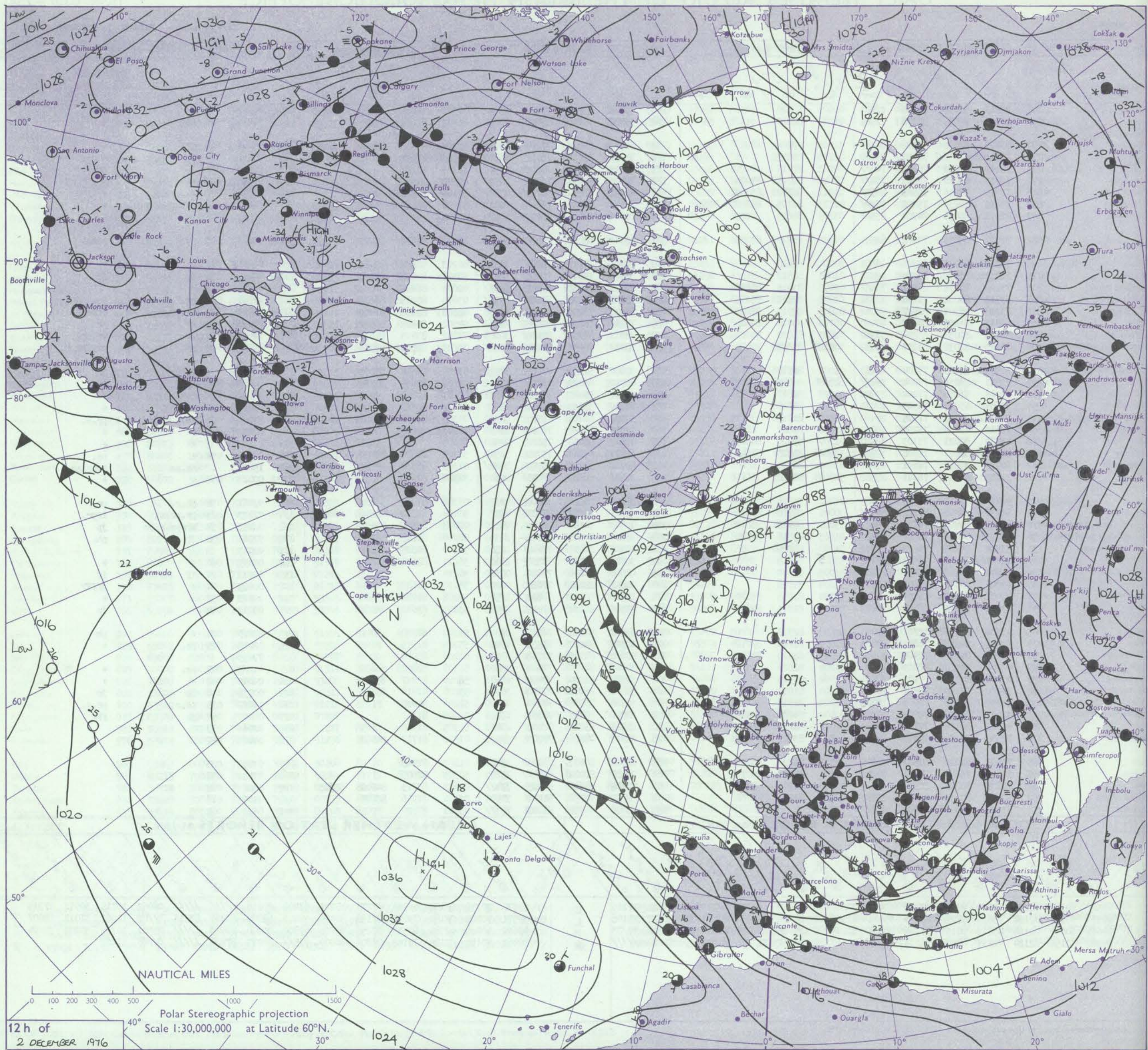
ISSN 0307-2541

Date of Issue FRIDAY 3 DECEMBER 1976

Code FM 21.D	OCEAN WEATHER STATION REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.														
O.W.S.	99L _a L _a L _a	Q _c L _o L _o L _o L _o	YYGG _{iw}	Nddff	VVwwwW	PPPTT	N _h L _L hC _M C _H	D _s vapp	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	YYGG _{iw}	Nddff	VVwwwW	PPPTT	N _h L _L hC _M C _H	D _s vapp	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	02121	63219	97158	13702	63400	00007	////	////	05951	10703	30810	27115	C	99527	70355	02181	62920	97278	15201	63400	00216	////	////	06052	10719	30912	27315	
L	99570	70199	02124	73024	97258	80206	79401	61500	85910	////	0//02	11052	31013	25106	L	99571	70202	02184	73017	97158	80106	59402	61802	82910	83815	0//02	11001	31012	25007	
M	99661	10020	02124	43613	98151	77704	29501	00204	82925	////	05500	10726	30202	99/03	M	99660	10020	02184	60510	97258	78704	69500	00206	86923	////	05501	10725	30202	99/04	
R	99462	70156	02124	72933	97808	06611	6857/	00710	85820	83630	0//10	11265	31020	////	R	99461	70150	02184	73142	97808	06009	725//	00010	87820	////	0//08	11267			

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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Wind
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Calm

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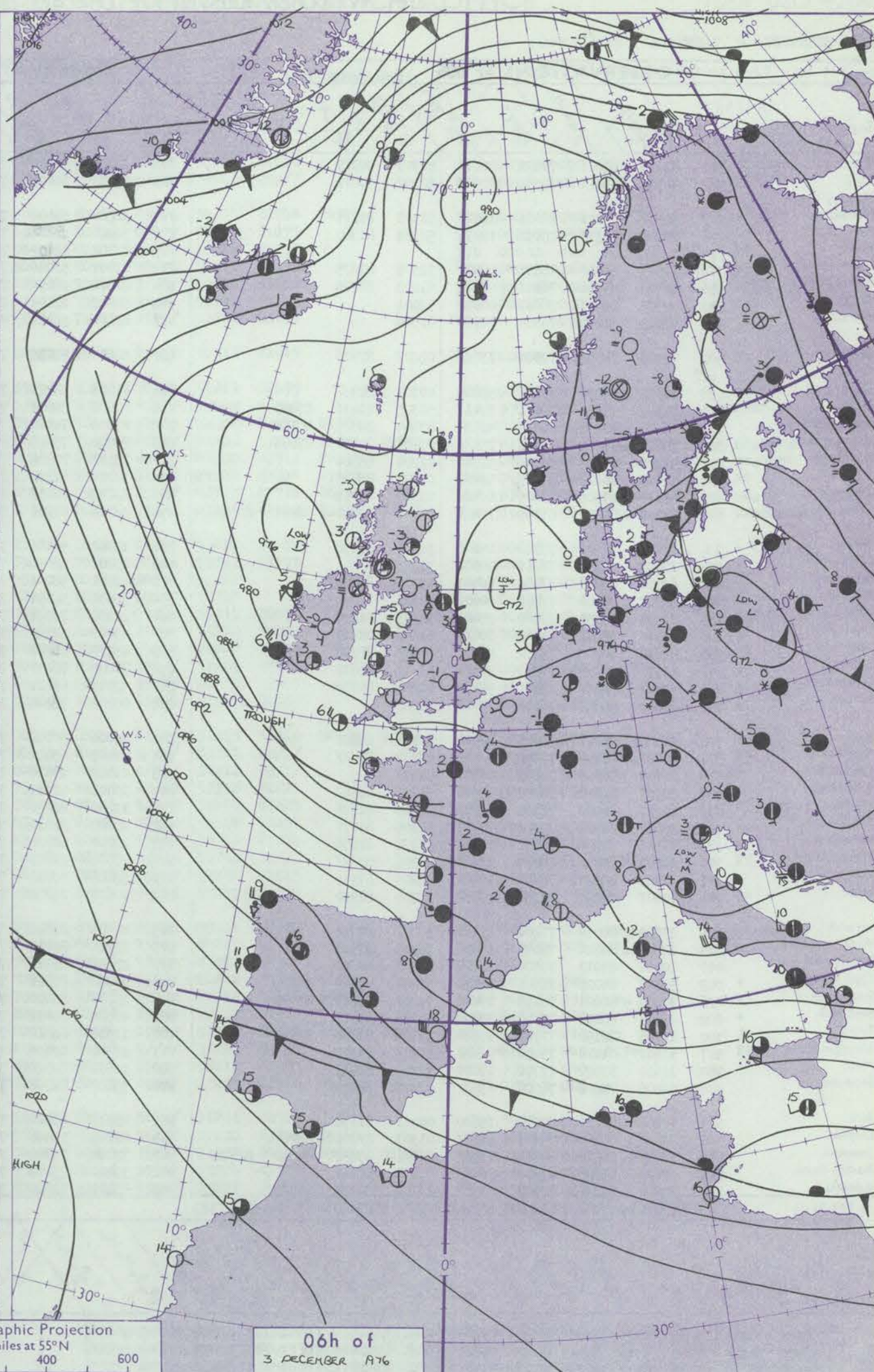
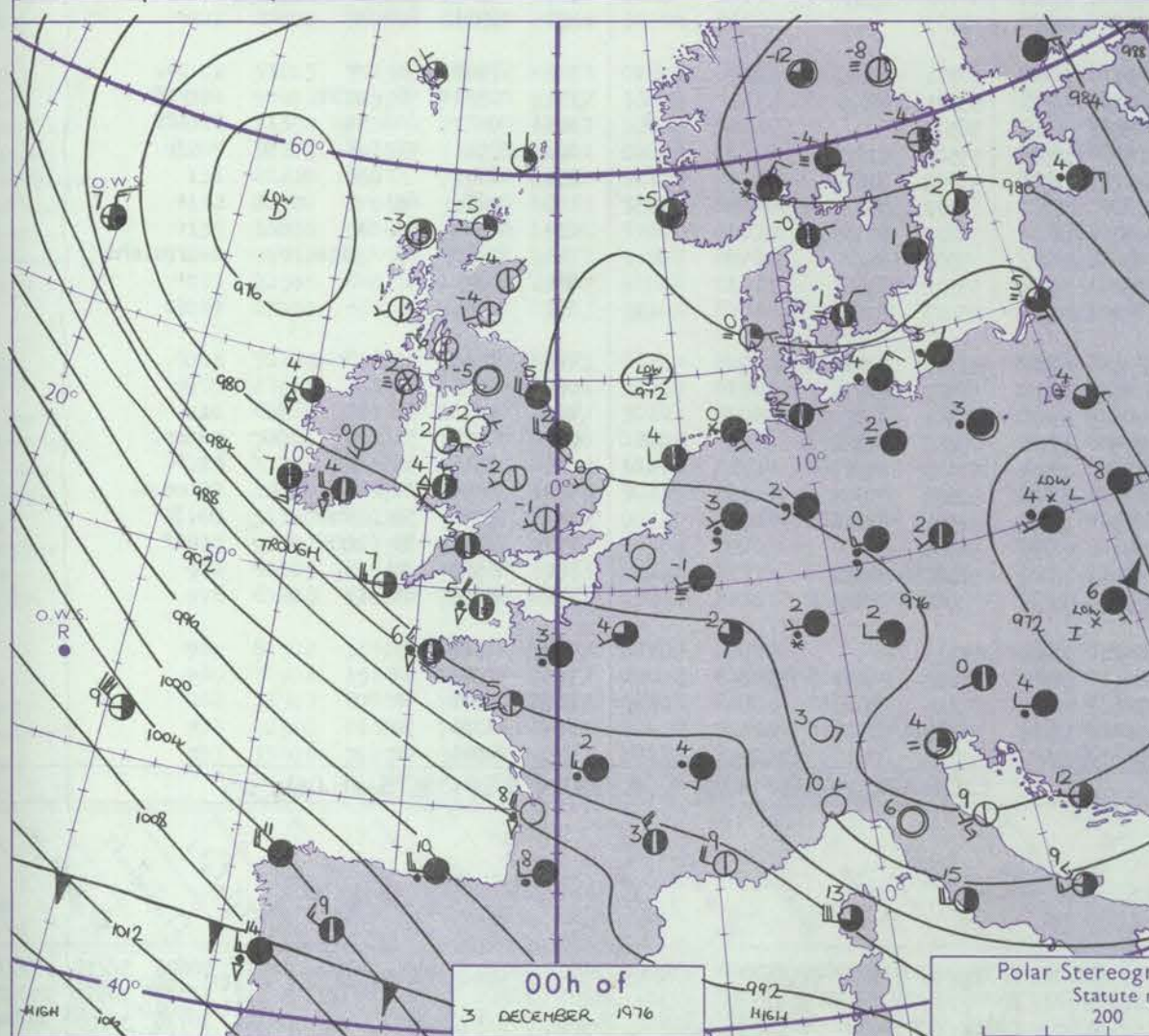
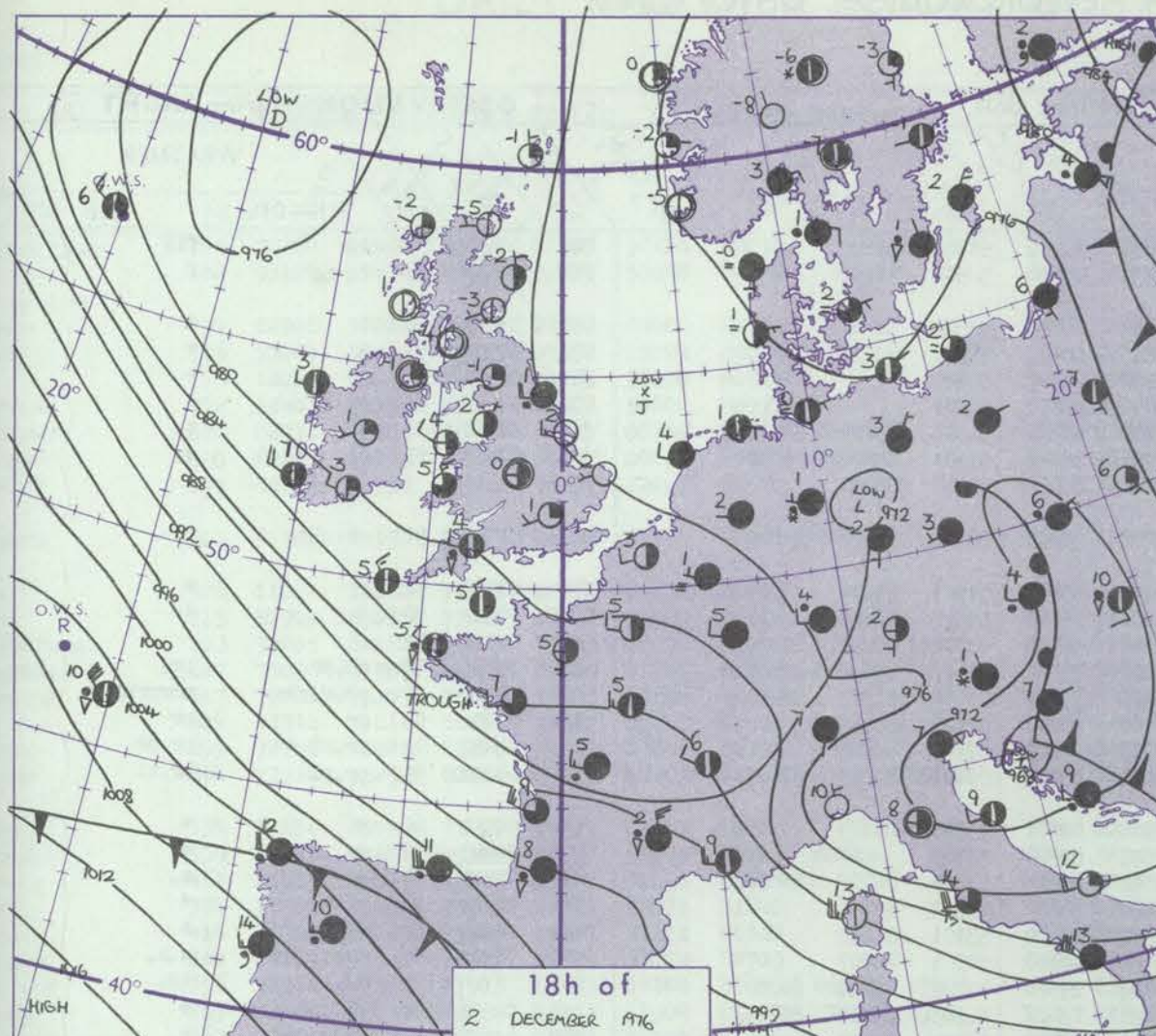
13-17

Additional
wind add

18-52

12 h of
2 DECEMBER 1976

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 over the Low Countries moved east to Germany but an associated trough of low pressure extended westwards to the southern North Sea where a separate low centre has since developed. A shallow depression between Iceland and Scotland has moved slowly south and is now centred off Northern Ireland. A strong to gale northwest airstream has persisted across the eastern North Atlantic to the western Mediterranean. During the next 24 hours the low

near Ireland will transfer to southeast England and pressure will remain generally low over Scandinavia and much of northern Europe. The unstable northwesterlies will continue over the eastern Atlantic and the western Mediterranean, but will also extend slowly east into western parts of the British Isles.

Issued at midday FRIDAY 3 DECEMBER 1976

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

Code FM 11.D OBSERVATIONS at 00h. 3 DECEMBER 1976										OBSERVATIONS at 06h. 3 DECEMBER 1976										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	RRR	T _g T _g	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	42803	65011	79350	00902	51303	84070			746	22702	50100	79451	00902	51502	82070			746	00553	57	+	fff
Hurn	862	42702	65021	79551	00902	52302	84072			862	12702	60020	79552	10930	52502	81362			862	00543	58	+	f
Thorney Island																							
Manston	797	32607	70021	78001	12442	51303	81815			797	32806	62030	77851	36300	52502	83707			797	91523	56	+	+
Gatwick	776	20000	58110	78752	10931	52304	81360			776	32206	50051	78855	00901	50502	83075			776	00553	59	+	+
Kew	775									775	01701	58100	78853	00900	53400				775	00553	59	+	+
Heathrow	772	12505	58010	78551	00901	52305	81075			772	02901	58010	78751	00900	51301				772	00533	58	+	+
Honington	586	42508	35100	76951	46200	51203	84705			586	82612	28051	77100	863//	51301	83707	88710		586	97513	53	+	s.
Wattisham	590	02307	35101	76951	00900	52001				590	82812	22101	77051	863//	51101	84706	88710		590	97523	55	+	s.
Gorleston	497	02603	56020	76300	00900	00304				497	82609	56021	76301	8092//	00400	88460			497				
Aberporth	502	73306	70908	79304	734//	02207	87916			502	51602	82038	78701	58400	00504	82818	84640		502	03011	51	pr.phr	+
Filton	627																						
Rhoose	628	32804	65031	79301	30840	00305	83357			628	41803	58021	79151	45600	51503	84630			628	00523	56	+	+
Hartland Point	715	72902	75031	79701	1843//	50305	81816	87359		715	20602	80011	79000	25600	51907	82648			715	00533	58	+	+
Mount Batten	703	73408	74258	80205	4253//	03304	84825	86360		703	73609	74028	79305	5253//	03507	85820	87360		703	02022	01		
St. Mawgan	827	70602	75808	80904	785//	03307	84820	87635		827	70506	75258	80003	785//	03607	85820	87625		827	05022	51	ph.pr.	pr.
Scilly	817	53220	80038	80906	52500	02204	85820			817	73512	70808	79905	734//	03608	83913	86820		817	08022	50	ph.pr.	ph.pr.
Culdrose	804	52923	80028	83207	52400	03203	85815			804	33018	82258	82006	32400	02606	83815			804	02052	03	pr	pr
Guernsey	809	63113	65808	82005	694//	02303	84915			809	22713	70258	80705	23400	02707	82915			809	05032	01	pr.ph	pr.ph
	894	73118	62808	81705	794//	03308	82710	86815 82918		894	32705	80299	81403	39400	01602	82818	81920		894	05031	51	pr.ph	pr.tl
Elmdon	534	12406	40041	78352	15601	52305	81630			534	12702	56101	78954	00901	55302	81075			534	00553	60	+	+
Cardington	559	02608	60051	77951	00900	51203				559	02806	58050	78653	00900	53305				559	00543	59	+	+
Wittering	462	62914	60021	77600	66300	51305	86706			462	82911	58201	77950	853//	51304	86709	88630		462	97515	54	+	s.
Watnall	354	02702	56100	77551	00900	52302				354	52904	58051	78351	55700	52303	85656			354	97523	57	+	+
Shawbury	414	32704	75031	78500	28401	51303	81817			414	21902	73031	79052	25400	53101	81612			414	00563	60	+	+
Finningley	360	83010	57041	76601	864//	52106	88714			360	43107	57227	77750	46300	50305	84707			360	91513	56	s.s.	s.s.
Spurn Point	396	82820	60205	75302	873//	00302	88708			396	43320	66201	76103	25570	02207	82620	84360		396			id.	id.
Leeming	257	83310	30718	77101	854//	50111	88617			257	70000	70037	78051	784//	52303	85810	87640		257	02526	55	ps.ps.s.	+
Tynemouth	262	53310	56237	77101	556//	01208	85630			262	32913	69021	77751	35600	54102	83630			262	11527	53	ss.isr	+
Carlisle	222	00000	40040	78555	00900	56208				222	00702	38044	78957	00900	58303				222	00583	62	+	+
Valley	302	21106	80011	78602	28500	50103	82826			302	51006	80018	78501	58400	00701	83816	84636		302	97003	54	+	ps.
Ringway	334	90000	01498	78451	9////	52209	89///			334	91802	03454	78952	9////	53301	89///			334	00533	56	fff	fff
Squires Gate	318	00703	58040	78152	00900	54209				318	01102	25400	78455	00900	56302				318	00573	60	+	iff
Ronaldsray	204	20107	82030	78352	28500	54205	82822			204	10106	82011	78053	18501	55502	81828			204	00543	57	+	jp
Mull of Galloway	131	10207	86020	78501	12500	00205	81825			131	11204	86020	78202	12500	51602	81825			131	00003			
Eskdalemuir	162	10000	81020	79358	00901	60108	81070			162	10000	82020	79860	00901	62302	81070			162	00615	63	+	+
Prestwick	135	11502	50040	78856	15700	57205	81656			135	20000	60020	78657	10931	58602	81365			135	00583	63	+	+
Abbotsinch	140	92802	04854	79253	9////	54206	89///			140	90000	12778	79254	9////	55500	89///			140	92557	55	FFps.	ffps.shff
Leuchars	171	12409	82020	78254	19400	55206	81915			171	32606	82011	78453	35500	55302	83625			171	00543	57	+	+
Dyce	091	10502	80020	78354	19402	55206	81910			091	10602	75020	78654	00903	55203	81068			091	00563	59	+	jp
Lerwick	005	23602	80018	77801	29400	50207	81910			005	43505	82021	78551	19401	51305	81914	84072		005	03516	55	ps.ps	+
Wick	075	22706	82020	78655	19401	56205	81915			075	12706	80150	79055	19400	56303	81915			075	00565	59	+	+
Sule Skerry	010	20000	81011	78504	22500	01205	82820			010	23605	81010	78904	23500	01301	82920			010	01031	52		
Cape Wrath	049	51802	84021	78501	38540	51204	83825	85360		049	20000	84021	78803	28500	00202	82820			049	01525	55	+	ps.
Stornoway	026	30000	80021	78353	19401	54204	81915	83070		026	23102	82020	78853	29401	54303	81915			026	00545	58	+	+
Benbecula	022	21206	86021	77853	23400	54205	81915			022	41506	60011	78002	49400	50302	83915			022	95546	61	+	pr.s.
Tiree	100	12506	82150	77701	19300	51103	81708	81915		100	11311	82018	77603	13400	01501	81916			100	03505	58	phph.	jp
Aldergrove	917	91902	01474	79052	9////	52202	89/00			917	91302	02454	78451	9////	51504	89/00			917	97533	53	ffFF	ff
Malin	980	11610	83020	77751	19400	52202	81918			980	11614	80020	77252	13402	52500	81918			980	97523	54		
Belmullet	976	62806	74898	78004	635//	02703	86920			976	53607	74808	75805	535//	03504	85920			976	04021	01		
Birr	965	12208	80011	80000	15600	00201	81636			965	01807	60100	77450	00900	51713				965	97523	54		
Dublin	969	82610	08464	79201	860//	01303	87701	88702		969	82705	75034	78001	862//	01608	83704	88706		969	97001	52		
Shannon	962	72505	80808	80403	735//	02501	85822	84640 82922		962	72009	75808	77204	735//	03719	85920			962	02021	51		
Roches Point	952	72720	75808	81404	764//	02801	87711			952	32410	75018	79103	13401	01715	81917	83070		952	01021	50		
Valentia	953	72615	75258	82607	63502	03801	86920	84070		953	83125	62608	79606	854//	03713	83717	88635		953	04041	02		

Code FM 21.D OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.															
O.W.S.	99L _a L _a L _a	QcL _o L _o L _o L _o	YYGGiw	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h	D _s vsapp	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	QcL _o L _o L _o L _o	YYGGiw	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h	D _s vsapp	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 L M R	99527	70355	03001	62921	97278	18701	63400	00219	////	////	06155	10696	3//15	////	C	99527	70355	03061	72922	95858	20701	73400	00220	////	////	06151	10696	3//16	////
	99570	70201	03004	53316	98258	82006	43402	61208	81910	83816	0//03	11025	30910	25007	L	99570	70206	03064	13228	98018	84506	12400	00211	81817	////	0//02	11018	30911	25007
	99660	10018	03004	50417	98038	80205	58500	00206	83825	82630	05401	10710	30202	99//04	M	99660	10016	03064	40318	97271	81204	49500	00304	84925	////	05551	10726	30203	99//04
	99460	70145	03004	53138	97022	04809	42530	00607	84820	83360	0//06	11252	31222	////	R														

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

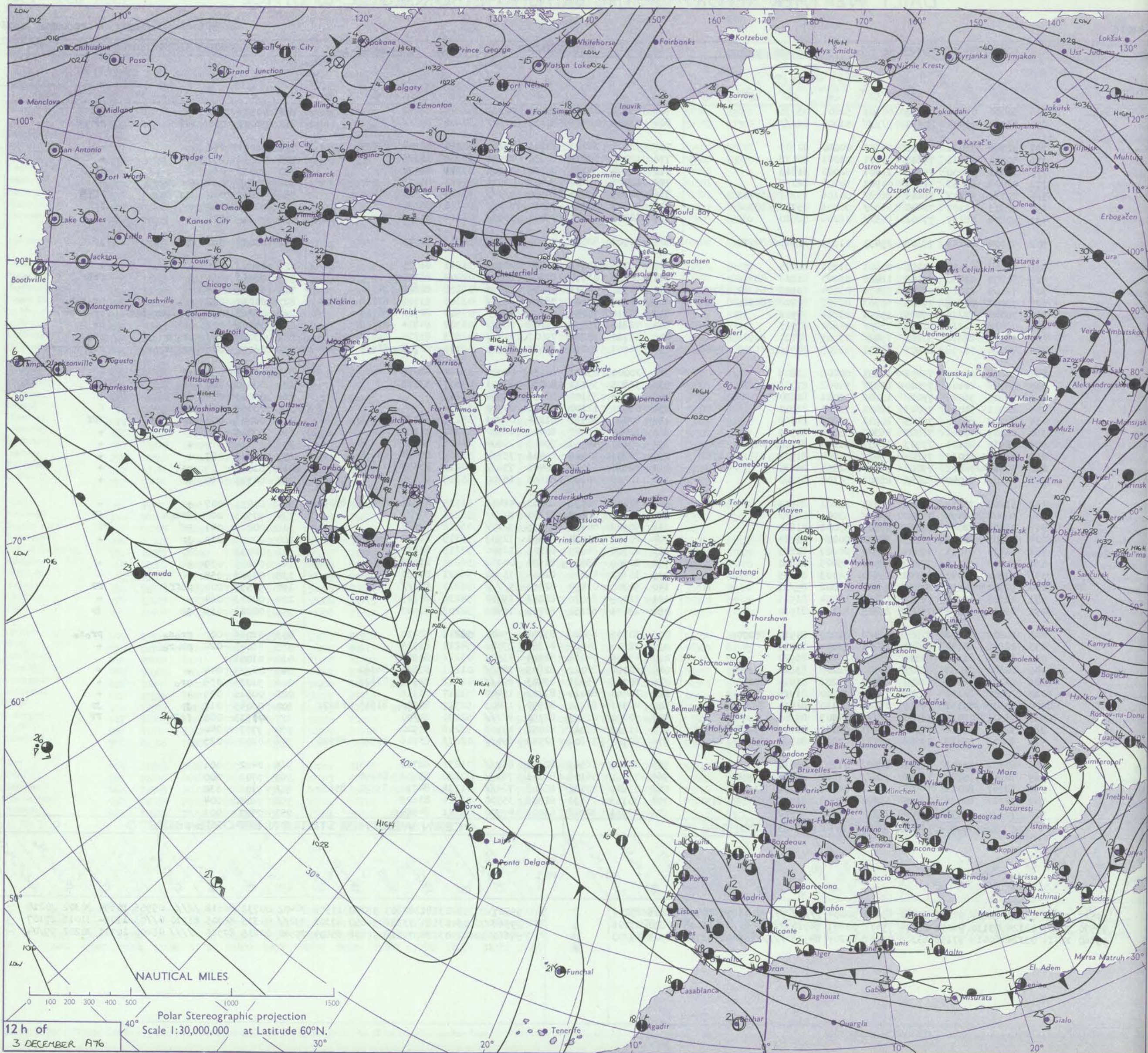
ISSN 0307-2541

No. 42016

Date of Issue SATURDAY 4 DECEMBER 1976

OBSERVATIONS at 12h. 3 DECEMBER 1976										OBSERVATIONS at 18h. 3 DECEMBER 1976										OBSERVATIONS during DAY				
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	746	30000	01464	80152	00901	52801	83070			746	23002	02484	80553	00901	53208	82072			746	00513	000	FF		Fffif
Hurn	862	93104	03434	80051	9/////	51000	89///			862	93602	02434	80150	9/////	50206	89///			862	00013	000	ffF		FFff
Thorney Island																								
Manston	797	22708	58011	78902	26301	00000	82709			797	72903	36051	80101	56201	50210	82704	84707		797	00031	048	+		+
Gatwick	776	50000	59011	79605	00901	01001	85078			776	10000	59011	80351	00901	52209	81075			776	00053	057	+		+
Kew	775	12001	45050	79701	11401	52000	81815			775	20000	50110	80552	00901	53301	82072			775	00033	063	+		1F
Heathrow	772	22403	56051	79603	00901	50002	82075			772	10000	50050	80401	00901	50211	81075			772	00043	064	+		+
Honington	586	82711	40107	78601	860//	00106	83701	88702		586	92708	03474	79950	9/////	50310	89/01			586	97011	000	sof		ff
Wattisham	590	82913	12107	78600	860//	00006	85701	88702		590	92807	03472	79950	9/////	50211	89/00			590	00013	000	+		ffF
Gorleston	497	82808	58157	77402	855//	02206	88620			497	32507	48011	79001	355//	01211	83625			497		006			
Aberporth	502	51706	80151	78305	29431	01807	81915	84075		502	21507	82021	79701	29402	50316	81915			502	00053	060	jp		jp
Filton	628	11004	16040	79402	00901	01801	81075			628	10705	35041	80250	00901	51211	81075			628	00043	038	+		+
Rhoose	715	30702	67030	79404	18401	01000	81818	83075		715	80806	03464	80002	860//	02209	88700			715	97061	031	f		fRff-f
Hartland Point	703	72405	82028	78905	39476	03804	83918	85360	87075	703	41510	74011	78503	22530	02208	82820	84360		703	01062	009			
Mount Batten	827	73006	60808	79405	69303	03807	81708	86915		827	80802	56608	78904	883//	03306	83707	83816	85630	827	01061	002	pro		pro ro ro
St. Mawgan	817	70000	75279	79405	59403	03806	85912			817	63110	70258	78205	694//	03500	82712	86918		817	08062	000	to lo ph ro so r		pro pr pr
Scilly	804	72318	70218	81207	734//	04802	87915			804	72813	75258	79606	784//	04302	84814	87623		804	04071	002	pr		pr
Culdrose	809	72708	62818	80205	794//	03805	82710	86918		809	82710	65258	79005	894//	03303	83710	86918		809	03062	003	pro pr		pr
Guernsey	894	72711	75258	80706	69373	01805	81709	81918	85820	894	72807	80258	80205	793/3	03305	81708	83815	86920	894	06071	008	pro pr pr		pr pr pr pr pro
Elmdon	534	12602	25040	79402	11301	00001	81808			534	20000	25111	80652	00901	53210	82075			534	00033	054	+		+
Cardington	559	82906	40101	79500	853//	51002	87708	88615		559	32805	35111	80452	00901	53307	83078			559	00013	000	+		+
Wittering	462	23109	56047	79102	15602	51001	81630			462	02905	25100	80551	00900	51212			462	00033	056	+		+	
Watnall	354	12901	30051	79003	12401	53001	81810			354	03001	12100	80651	00900	52210			354	00053	054	+		f	
Shawbury	414	22702	66020	79703	10931	50801	81362			414	20000	00480	81254	00901	55215	82075			414	00043	049	+		FFf
Finnigley	360	23109	57041	78702	26300	53002	82709			360	13006	56040	80001	16300	51210	81709			360	00023	057	+		+
Spurn Point	396	72912	40101	77903	12671	01104	81830	86360	87075	396	23210	48101	79003	29600	01208	82930			396			+		+
Leeming	257	73405	68031	79201	794//	51004	81910	83812	87620	257	72806	60022	80401	754//	51209	87614			257	00036	027	+		+
Tynemouth	262	52913	66028	79000	59600	52104	85930			262	72810	66038	80401	756//	00210	87635			262	01017		ps		+
Carlisle	222	20000	56040	80252	28501	54104	81820			222	10000	32100	81654	15600	55313	81635			222	00513	060	+		+
Valley	302	51205	75151	78805	49431	02801	84913			302	60706	70032	80603	48403	51315	81818	84650	85070	302	00071	007	+		+
Ringway	334	90402	01497	79852	9/////	53001	89///			334	90202	00494	81152	9/////	53211	89///			334	97523	000	FFsoh		FF
Squires Gate	318	11302	22044	79300	12502	53001	81820			318	90902	00494	80855	9/////	56212	89///			318	00023	041	FF		FF
Ronaldsway	204	30307	80151	78903	38501	00004	81825			204	20106	75020	81251	12503	53318	81820			204	00043	019	jp		+
Mull of Galloway	131	21210	85011	79504	22500	00207	82825			131	10702	86020	81501	12500	53215	81825			131	00033				
Eskdalemuir	162	20000	88010	79852	18531	55003	81820			162	10000	83010	81954	00902	56214	81072			162	00015	039	+		+
Prestwick	135	10000	56040	80052	15604	54003	81635			135	10602	45040	82655	15600	56321	81630			135	00503	055	+		+
Abbotsinch	140	92702	05497	80755	9/////	56002	89/01			140	90000	00494	82556	9/////	56213	89///			140	97557	000	shffF		FF
Leuchars	171	22505	86010	79700	19402	52004	81915			171	12409	86020	81252	19400	54210	81915			171	00023	064	+		+
Dyce	091	23010	65150	79501	29403	52101	82910			091	13011	62150	80750	19403	52207	81910			091	00023	055	jp		jp
Lerwick	005	70203	80838	80501	694/2	01209	84910	85070		005	30307	89028	83102	39400	00216	82910			005	02046	000	pro so		pro so
Wick	075	22808	80150	80652	19401	53107	81915			075	22505	84028	82353	29400	54211	81915			075	91005	024	pho ro		+
Sule Skerry	010	60000	81158	80805	635//	50211	86920			010	43405	74018	82904	43500	03211	84920			010	01051				
Cape Wrath	049	70000	82038	80803	38570	02208	83820	87360		049	60000	82022	82803	3856/	0121									

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Polar Stereographic projection
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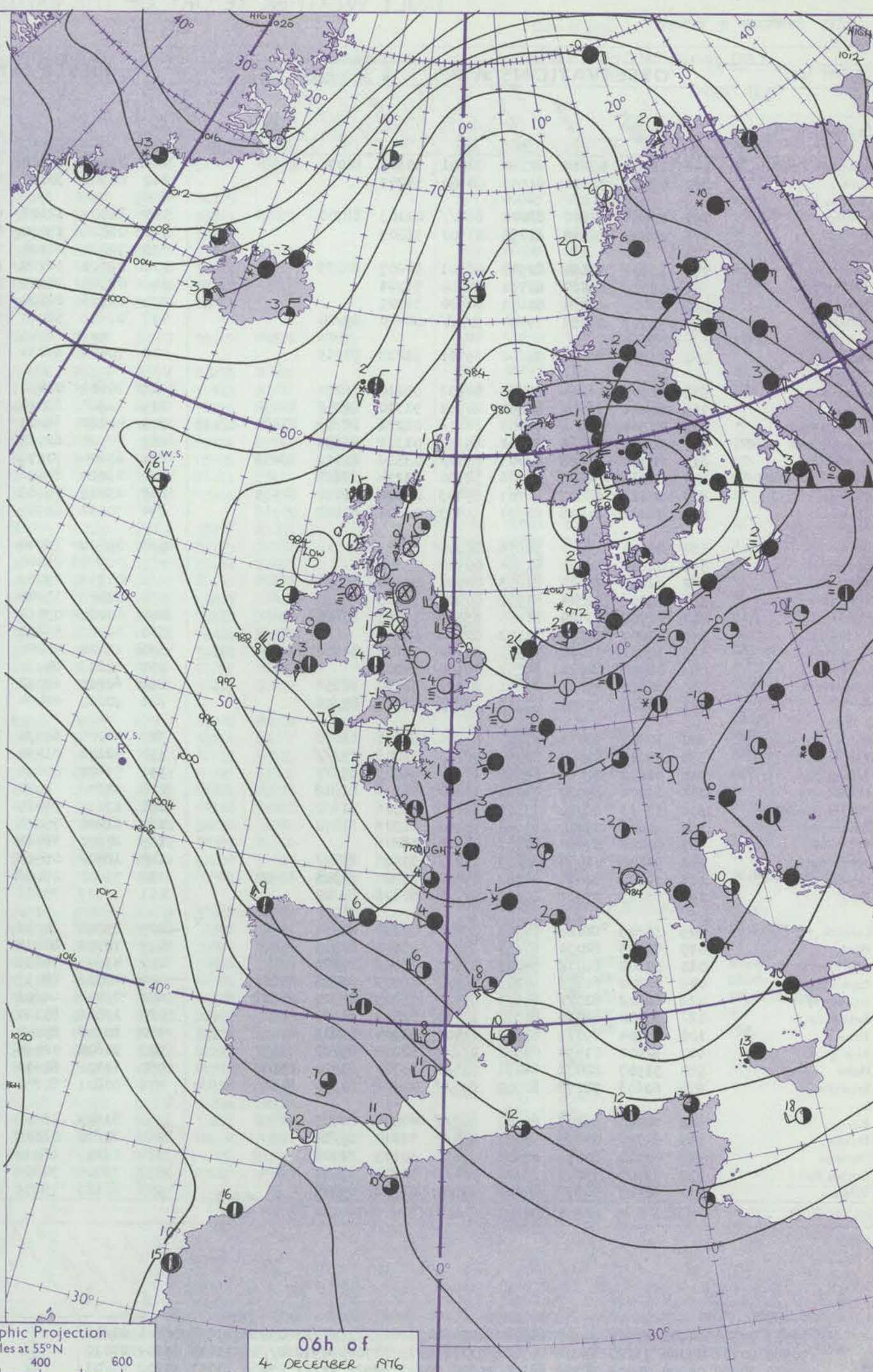
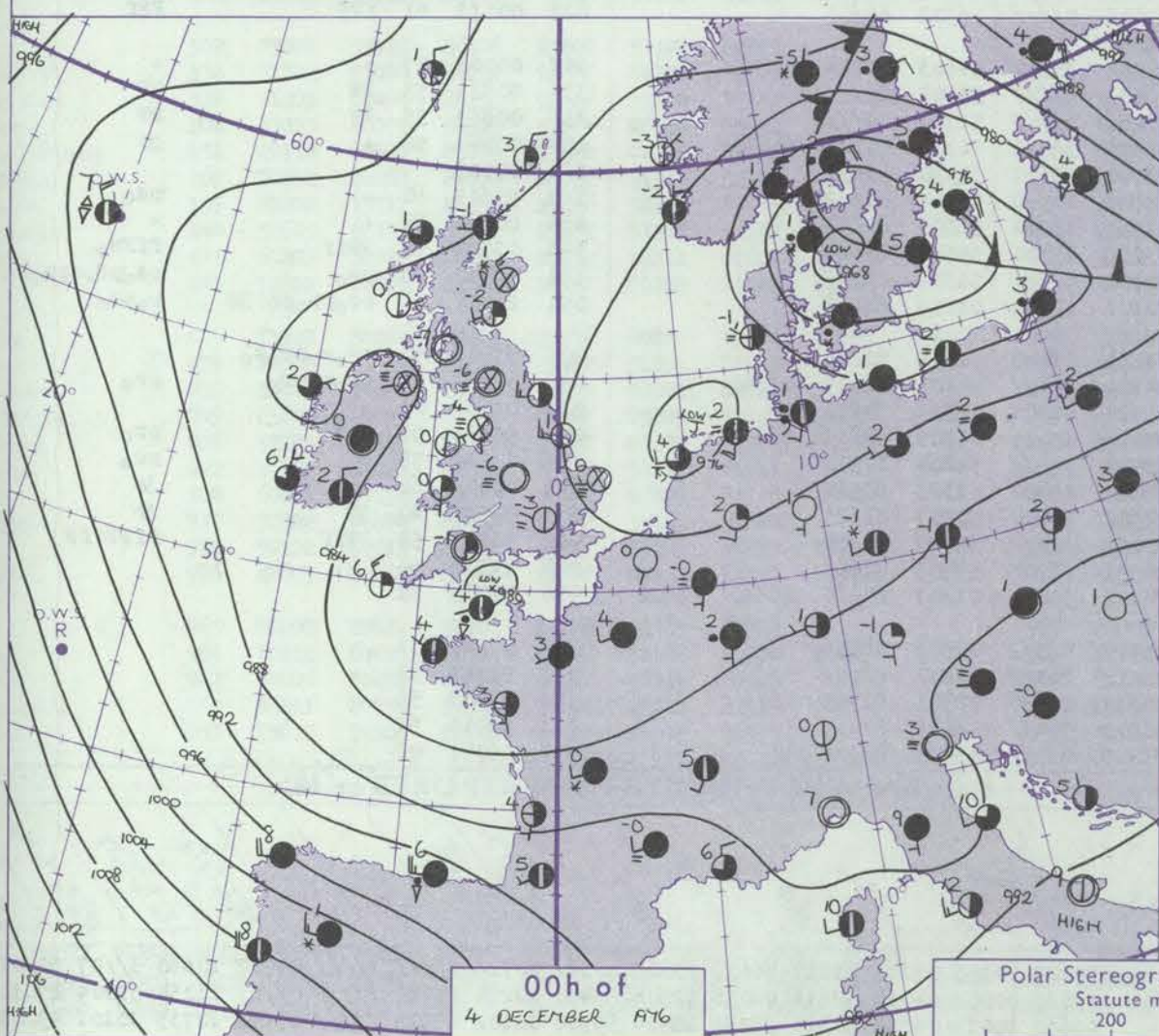
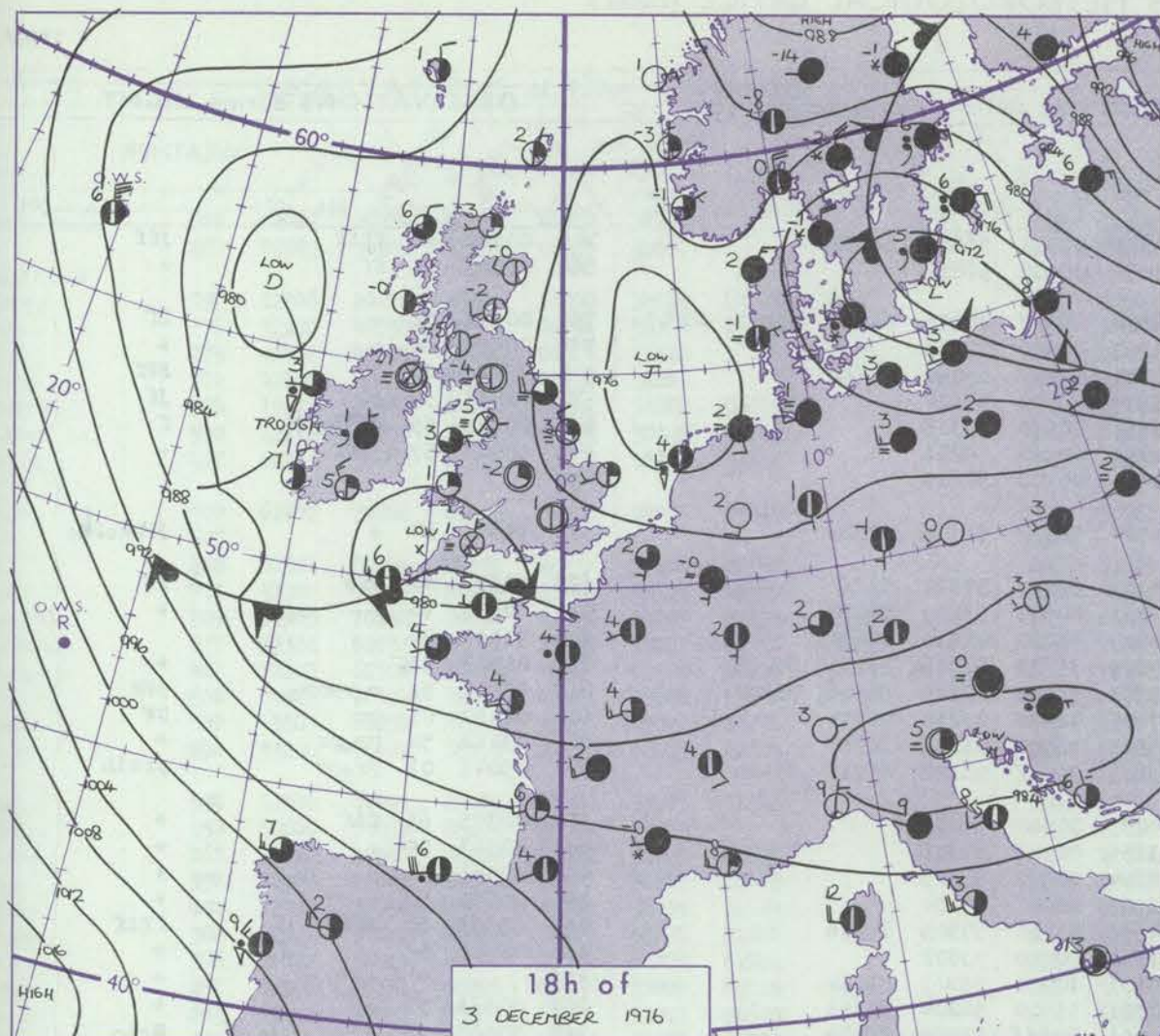
3-7

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13-17

Additional
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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 SYNOPTIC DEVELOPMENT

During the past 24 hours a complex low pressure area has persisted over the British Isles and the Continent. The main centre over Poland has moved northwest to Kattegat and deepened a little, and secondary centres over the southern North Sea and the southern and western parts of the British Isles have moved slowly southeastwards. The strong northwest airstream to the west and southwest of the British Isles

has moderated a little. During the next 24 hours the main depression is expected to move slowly westwards from the Skagerrak to the northern North Sea, maintaining a northerly airstream over the British Isles. A depression will move east from Labrador into mid-Atlantic, and the associated frontal troughs will move towards the Southwestern Approaches.

Issued at midday SATURDAY 4 DECEMBER 1976

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

Code FM 11.D OBSERVATIONS at 00h. 4 DECEMBER 1976										OBSERVATIONS at 06h. 4 DECEMBER 1976										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 E	T _g T _g	WEATHER	
																															21h.—03h.	03h.—09h.
Boscombe Down	746	13102	05414	82154	00901	55307	81070			746	22905	12404	84355	00901	56211	82070			746	00563	62	ffif							ff			
Hurn	862	03002	22104	81553	00900	54207				862	00000	30100	84656	00900	56217				862	00563	61	ff							+			
Thorney Island																																
Manston	797	83006	12102	81000	860//	00103	88700			797	82905	12104	82500	860//	00211	81700	83703	88705	797	00511	52	+							ff			
Gatwick	776	00000	18110	81755	00900	56207				776	02402	15050	83757	00900	57313				776	00573	61	+							+			
Kew	775									775	90000	00494	83754	9////	55210	89///			775	97563	60	FF							FFf			
Heathrow	772	13102	18100	81953	00901	54207	81075			772	02601	12400	83754	00900	54312				772	00553	59	ff							ff			
Honington	586	02706	06424	80751	00900	51001				586	02609	14104	82153	00900	53308				586	00533	55	ff							f			
Wattisham	590	03009	02484	80651	00900	51001				590	02708	22104	82253	00900	54311				590	00543	57	FFff							+			
Gorleston	497	92707	01454	79900	9////	00400	89/00			497	02608	58020	80650	00900	51205				497													
Aberporth	502	31803	80011	82800	39401	51215	83915			502	70404	84031	84504	725//	51306	87820			502	94511	54	+							Jppropho			
Filton	628	60802	16284	82454	00902	55210	86072			628	50801	00494	85156	9////	57214	89///			628	00573	60	FF							FF			
Rhoose	715	40404	57054	82250	10931	51310	81362	84072		715	22902	62010	84751	00901	53209	82072			715	00533	60	+							+			
Hartland Point	703	70504	80031	81903	26216	01121	82705	85460	87275	703	40110	66011	84905	45600	02110	84640			703	91011	00											
Mount Batten	827	60105	65036	81202	656//	01318	86635			827	50904	62031	85301	35632	50216	83630	84075		827	00503	54	+							+			
St. Mawgan	817	80309	64628	82003	2742/	03326	82711	88456		817	63604	70278	85503	69400	02115	82916	85820		817	03012	51	ro spr							phr			
Scilly	804	33215	84258	83006	32400	03214	83814			804	43213	84028	87807	42400	03216	84814			804	02052	01	pr							pr			
Culdrose	809	60113	58818	81703	59403	03322	81710	84915		809	13011	70018	86303	12500	01218	81820			809	03012	51	propr							+			
Guernsey	894	72302	80808	80504	59433	03301	82812	85918		894	70111	62959	83805	794//	03228	83711	87915		894	05041	01	propr							prtlh			
Elmdon	534	00000	06460	82656	00900	57209				534	02902	28044	84055	00900	56207				534	00573	61	fif							+			
Cardington	559	02804	18100	81854	00900	55204				559	02709	25100	83254	00900	54308				559	00563	59	+							+			
Wittering	462	02808	25040	81853	00900	54104				462	02711	25040	82854	00900	55305				462	00553	56	+							+			
Watnall	354	02806	12044	81952	00900	53205				354	02406	35040	82953	00900	55204				354	00553	58	+							+			
Shawbury	414	42702	03424	83455	45500	55109	83625			414	40000	03464	84656	45400	57105	84616			414	00573	61	FFff							ffif			
Finningley	360	02807	15100	81152	00900	53302				360	02910	57020	81651	00900	53302				360	00523	55	+							+			
Spurn Point	396	12817	56020	79901	19600	50103	81930			396	12820	70020	80601	10970	53203	81360			396										+			
Leeming	257	02907	80021	81252	00900	54304				257	12813	84010	81351	15400	54204	81615			257	00536	57	+							+			
Tynemouth	262	62816	69021	80451	6093/	53400	86358			262	62815	62022	80651	636//	53202	86930			262	97527	53	+							so so			
Carlisle	222	90000	02470	82756	9////	57305	89/01			222	90000	00494	83056	9////	56302	89/00			222	00573	61	fff							FFf			
Valley	302	10605	65011	83200	00901	54211	81070			302	31002	68030	84201	35500	54103	81824	83628		302	00003	57	+							+			
Ringway	334	93602	00494	82952	9////	53206	89//			334	92102	01494	83953	9////	53102	89//			334	00533	53	FF							FF			
Squires Gate	318	91602	00494	82654	9////	54205	89//			318	91402	00494	83152	9////	52701	89//			318	00553	55	FF							FF			
Ronaldsway	204	13506	89020	83053	18400	55106	81818			204	33108	89030	83602	38500	51304	81825	83650		204	00543	58	+							jp			
Mull of Galloway	131	13611	86020	83301	15600	52306	81630			131	13610	85020	83501	15600	52400	81630			131	00003												
Eskdalemuir	162	10000	75020	83860	00902	61306	81070			162	11402	75020	83561	10932	63303	81362			162	97615	60	+							ps			
Prestwick	135	00000	57040	83457	00900	58206				135	10802	62030	83757	15700	58303	81656			135	00583	62	+							+			
Abbotsinch	140	90000	01494	83656	9////	57305	89//			140	1																					

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

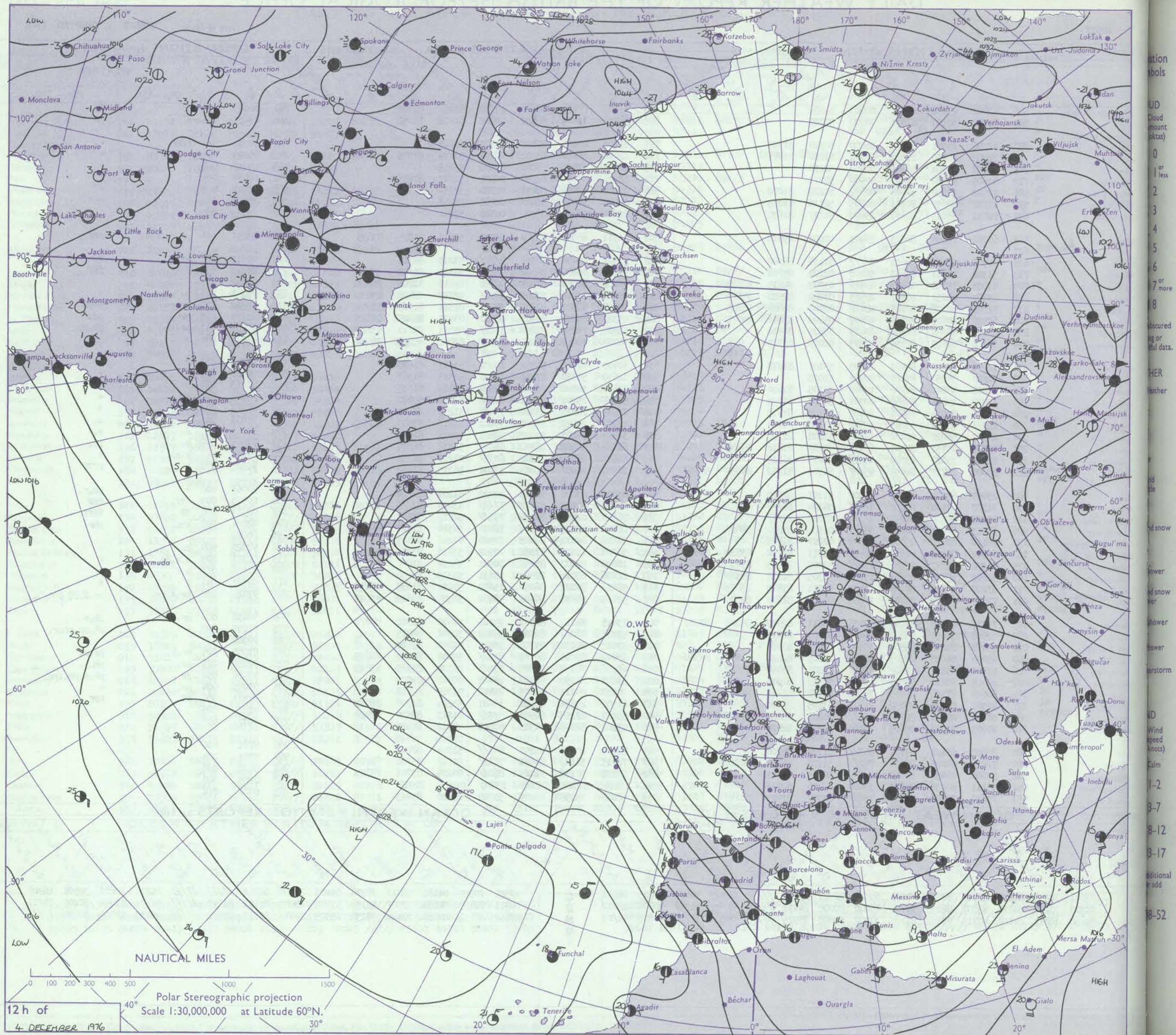
ISSN 0307-2541

No. 42017

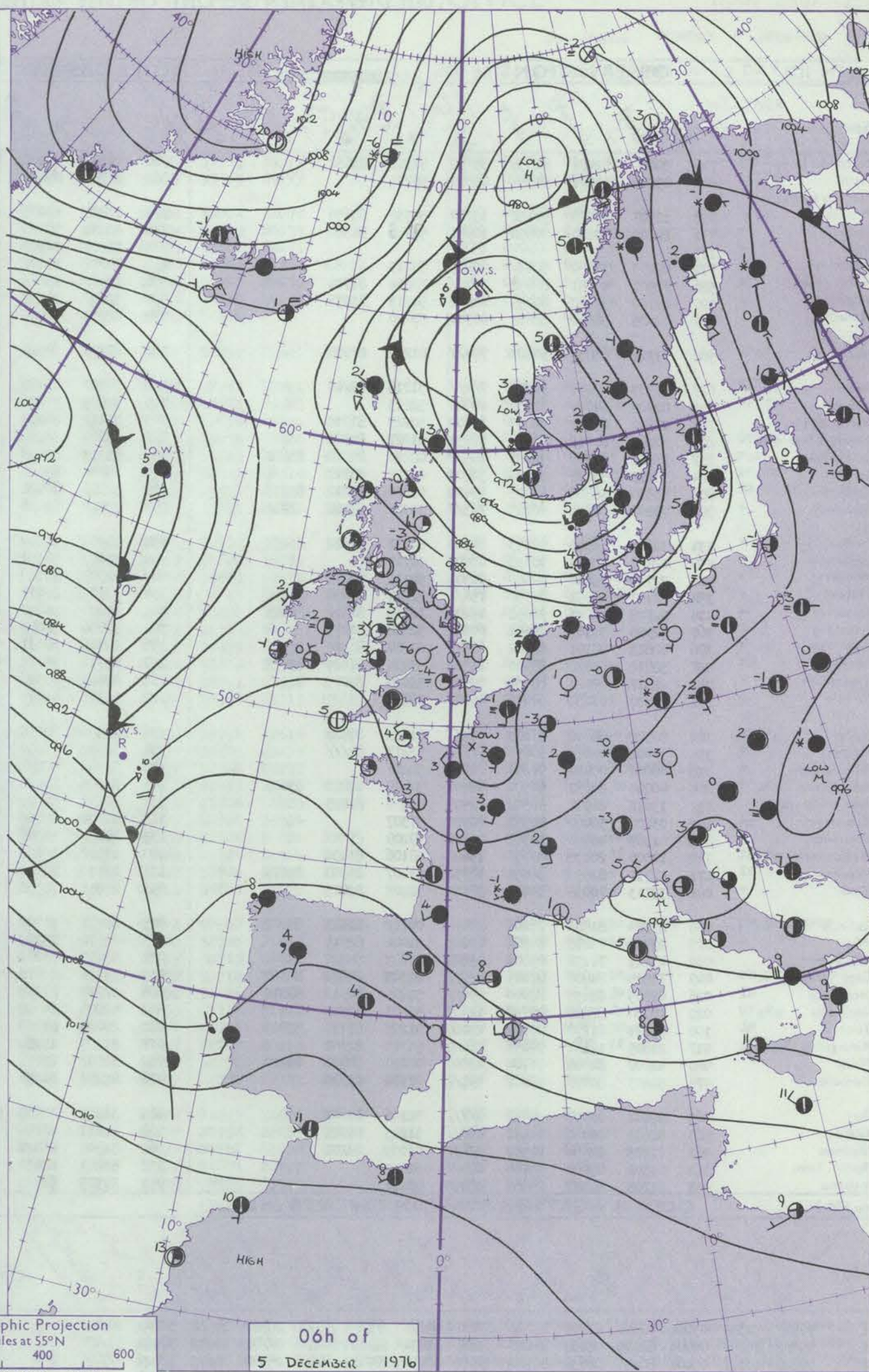
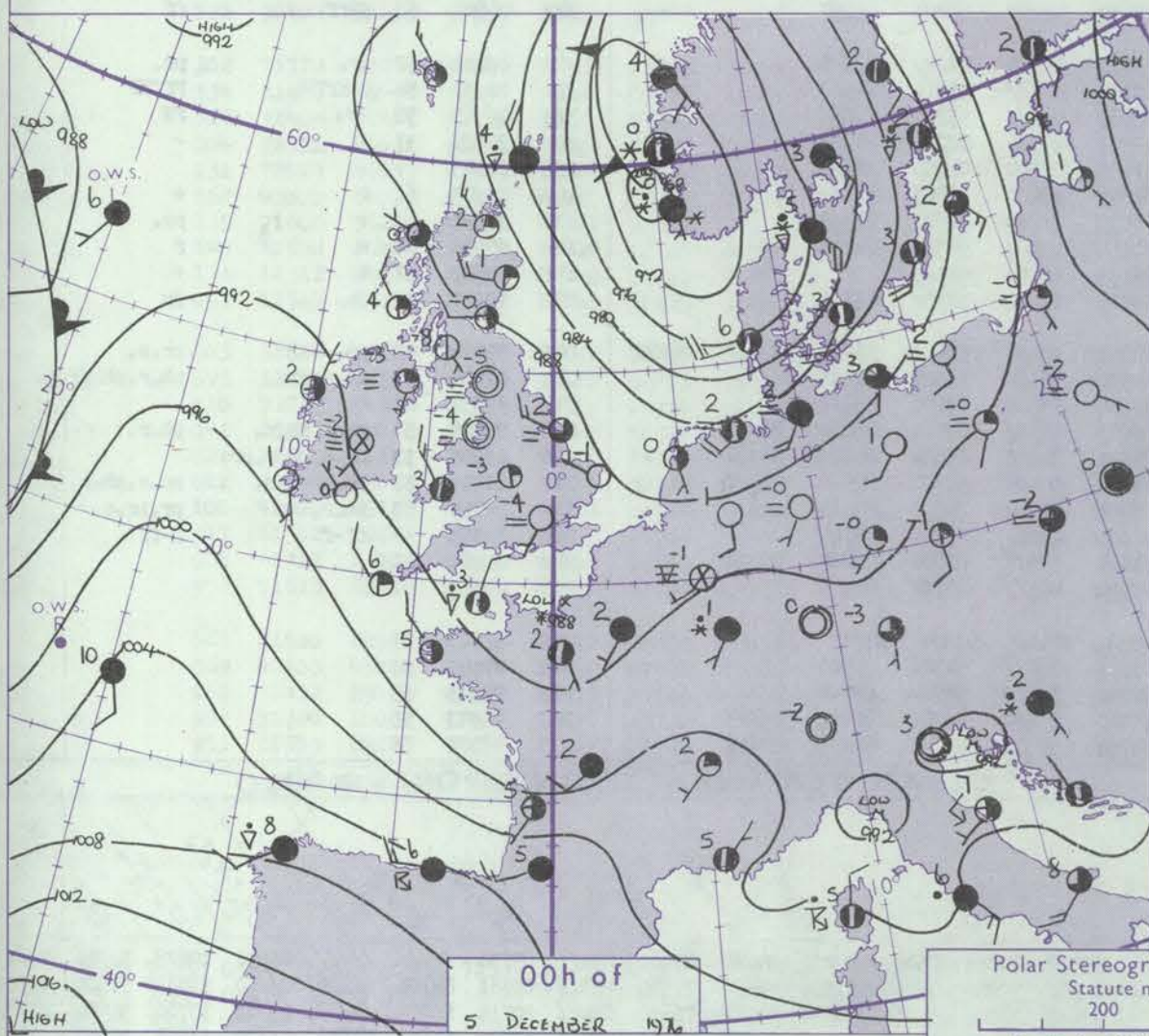
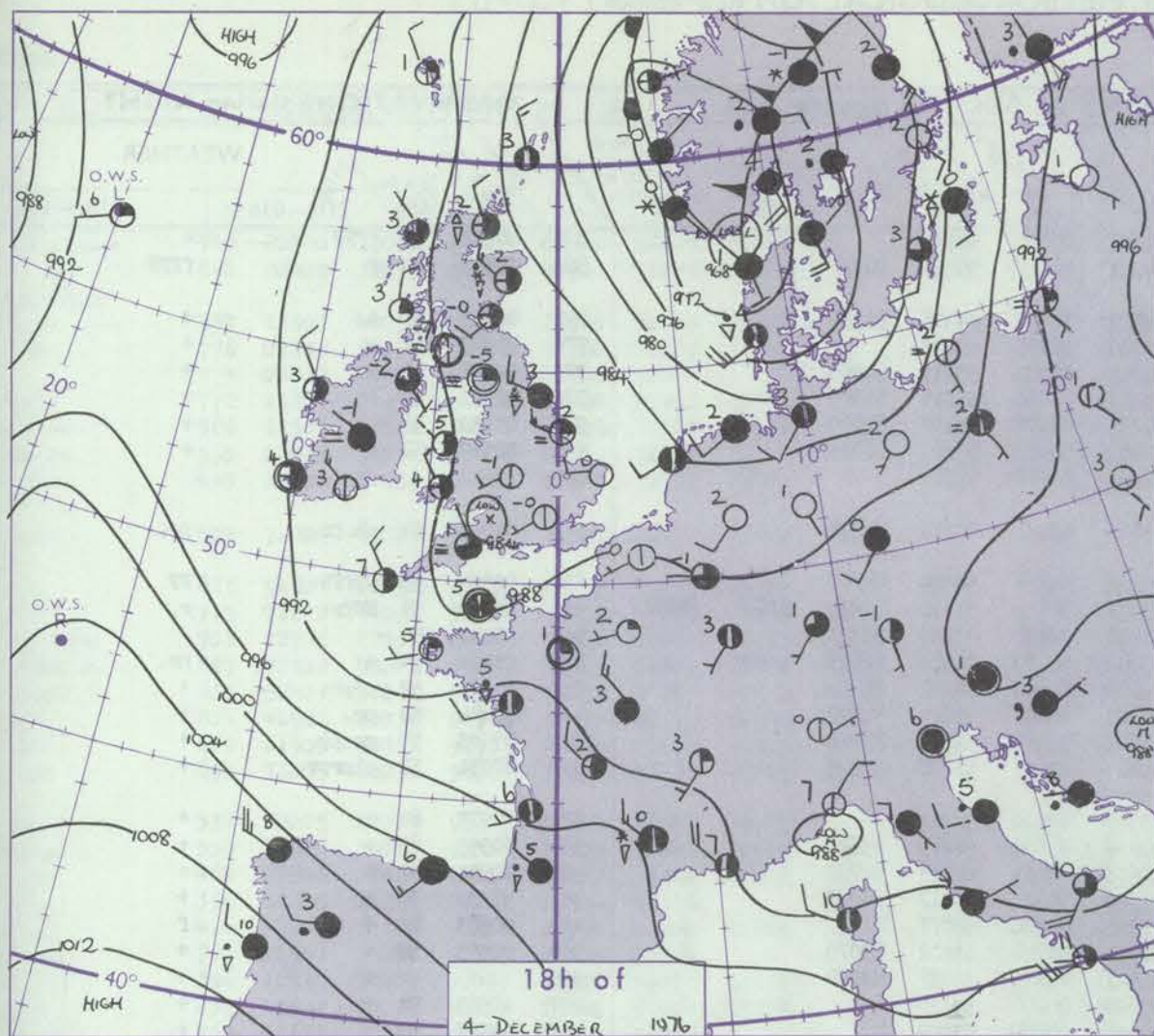
Date of Issue SUNDAY 5 DECEMBER 1976

Code FM II.D	OBSERVATIONS at 12h. 4 DECEMBER 1976										OBSERVATIONS at 18h. 4 DECEMBER 1976										OBSERVATIONS during DAY				
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	RRTTEx	SS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	02002	28284	86951	00900	51109				746	11802	07460	88551	10930	51212	81360			746	00023	055	ff	ff		
Hurn	862	02702	30100	87001	00900	50007				862	50000	12404	88351	00902	52210	85068			862	00033	039	+	ff		
Thorney Island																									
Manston	797	12706	19281	85102	16000	50110	81701			797	02508	40050	87450	00900	51315				797	00043	043	ffFr	+		
Gatwick	776	12202	40050	86301	00901	51214	81075			776	12102	56050	88151	00902	53214	81075			776	00023	065	+	+		
Kew	775	02402	40104	86250	00900	51210				775	02004	57050	88051	00900	53215				775	00033	062	+	+		
Heathrow	772	02605	45050	86201	00900	52211				772	12304	59020	87950	00901	52213	81075			772	00033	069	+	+		
Honington	586	12612	37050	84000	00902	51209	81070			586	02510	48050	86251	00900	52314				586	00023	045	+	+		
Wattisham	590	12712	40050	84101	00903	52110	81075			590	02610	56050	86452	00900	53216				590	00013	065	+	+		
Gorleston	497	22711	58050	82901	25600	51207	82630			497	02608	56050	85300	00900	52212				497		068				
Aberporth	502	61902	70268	86003	59403	02001	85915			502	53511	86018	88304	58500	52215	84825	83635		502	03051	026	ph.r.pr.s.	ph.r.		
	627									627															
Filton	628	92501	00494	86651	9////	51106	89/00			628	91504	00494	88353	9////	53213	89/00			628	00513	000	FF	FF		
Rhoose	715	51302	07461	86603	56000	02104	85700			715	91302	00474	88350	9////	50315	89/01			715	00041	037	ff	fff		
Hartland Point	703	61903	70158	86405	69422	03002	84815	82918		703	60000	66258	87804	62320	02215	81706	86815		703	01062	017				
Mount Batten	827	73302	62031	86907	29503	03002	82920	85075		827	70702	50046	87203	3857/	02212	82820	83635	85359	827	91071	027	r.	+		
St. Mawgan	817	72209	62508	87103	4842/	02000	82818	83635	87550	817	70206	62808	87803	3942/	02314	81912	86459		817	08062	007	prrrs	prph		
Scilly	804	62926	70028	88007	48402	03808	83816	84075		804	43313	65018	89307	48400	03225	82817	83623		804	01091	019	pr	pr.		
Culdrose	809	63105	64258	87604	69403	03000	84916			809	52805	74258	87604	3342/	03311	83710	83915		809	09052	011	pr.ph.	ph.pr.		
Guernsey	894	33208	82029	88106	22503	01009	82825			894	70000	70258	88205	784//	03001	85818	86640		894	01071	046	+	pr		
Elmdon	534	12406	61040	85401	18400	53107	81818			534	12403	60040	87551	15600	53217	81630			534	00043	071	+	+		
Cardington	559	02609	35050	85100	00900	53005				559	12610	59050	87451	10930	52315	81362			559	00023	063	+	+		
Wittering	462	12608	45040	84700	15602	52305	81630			462	12610	50040	86852	15600	53214	81635			462	91013	064	+	+		
Watnall	354	12409	23044	84650	00901	52207	81078			354	52408	25101	86851	00902	52216	85070			354	00023	028	ff	+		
Shawbury	414	22411	80034	85601	29400	51105	81918			414	72707	70031	87700	755//	51215	87620			414	00043	042	+	+		
Finnigley	360	12911	58040	83203	18502	53106	81820			360	42907	25227	85800	35702	51217	83650	83075		360	97033	061	+	s.		
Spurn Point	396	22822	56020	82402	19540	51208	81920			396	32914	35101	85002	00901	02215	81075			396			s.	s.		
Leeming	257	62908	65151	83301	684//	53209	83816	85635		257	62702	56268	86300	655//	51318	86625			257	97015	009	s.	ps.		
Tynemouth	262	72812	39027	83200	6557/	51213	86625			262	62907	66022	85702	6097/	01217	86358			262	01027		s.s.	+		
Carlisle	222	80000	23717	84654	4542/	54308	81712	84635	88459	222	20000	06467	87455	15701	56215	81650			222	95527	000	s.ss.	ffff		
Valley	302	23009	83020	86106	22500	51107	82820			302	43008	83020	87505	42500	51209	84824			302	01061	060	+	ph.r.		
Ringway	334	91702	01494	85252	9////	54104	89///			334	90502	01494	87352	9////	53216	89///			334	00513	003	FFf	fff		
Squires Gate	318	91203	00494	84252	9////	52002	89///			318	70000	02484	87152	755//	52219	87625			318	00513	000	FF	FFff		
Ronaldsway	204	53013	80031	84905	58501	00104	81822	84827		204	60110	82028	87402	18432	50316	81818	86070		204	02064	048	ph.	phr		
Mull of Galloway	131	20110	86020	85004	12502	00207	81825			131	20316	84011	88003	22500	01222	82825			131	00042					
Eskdalemuir	162	70602	80268	84150	68432	51311	82714	83820	86640	162	30000	62011	87351	00902	53116	83072			162	92026	000	ps.	+		
Prestwick	135	81202	15717	85351	852//	52207	81705	83710	88640	135	10000	22107	88257	00901	58214	81070			135	02517	003	s.s.ss	+		
Abbotsinch	140	52603	68157	85101	15682	51305	81630	83360		140	22106	65011	87853	15631	53315	81630			140	01026	016	s.s	+		
Leuchars	171	63207	80028	84103	28432	50211	81815	85075		171	52410	80022	86050	15632	52210	81635	85075		171	00037	041	+	+		
Dyce	091	72812	70028	83702	18532	00002	81820	87070		091	52915	65838	84402	48402	50304	83810	83625		091	97027	022	pr.s.pr.	pr. pr.s.		
Lerwick	005	73413	84268	82202	39436	00811	82910	85268	87072	005	73415	84018	80303	29468	51610	82912	87072		005	96036	000	pr.s.ph.r.	ph.r.		
Wick	075	22908	81151	84800	29402	51801	81915			075	53310	80278	84902	59463	50301	84915			075	01035	028	+	ph.pr.ph.r.		
Sule Skerry	010	33409	74258	85805	33500	03802	83920			010	33413	81020	85706	33500	02801	83920			010	96062					
Cape Wrath	049	63603	84028	86505	4856/	03205	82820	84630	86360	049	63609	82018	86701	685//	55400	82820	86625		049	01055	009	pr.s.	pr.s.		

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPSIS DEVELOPMENT

During the past 24 hours a low over southern Scandinavia moved slowly westwards. A shallow low moved slowly south across Ireland then southeast into North France. Later in the period a weak ridge of high pressure moved across the southern half of the British Isles. During

the next 24 hours a deep low complex over mid-Atlantic will move rather quickly eastwards towards the British Isles and its frontal troughs will probably have reached eastern Britain by the end of the period.

Issued at midday SUNDAY 5 DECEMBER 1976

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

Code FM II.D		OBSERVATIONS at 00h. 5 DECEMBER 1976										OBSERVATIONS at 06h. 5 DECEMBER 1976										OBSERVATIONS during NIGHT				
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	RRRT _n E	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	30000	02484	91856	35700	57317	83650			746	00301	22104	94155	00900	56213				746	00563	59	ffff		+		
Hurn	862	03002	16101	91354	00900	55220				862	92702	03494	94254	91111	55216	89111			862	00563	60	f		ffff		
Thorney Island																										
Manston	797	12307	60020	90152	15700	54316	81656			797	12405	59020	92752	10930	54316	81364			797	00533	57	+		+		
Gatwick	776	20000	50100	90656	10931	54213	81360			776	00000	58020	93258	00900	59213				776	00583	61	+		+		
Kew	775									775	12401	50100	93255	10930	55213	81365			775	00573	61	+		+		
Heathrow	772	02203	30100	90454	00900	54213				772	20602	22100	93254	10931	55215	81360			772	00553	59	+		+		
Honington	586	72507	45051	88952	76211	53214	87704			586	12608	15101	91753	00901	53213	81070			586	00533	56	+		+		
Wattisham	590	12709	35050	89153	00902	54213	81075			590	12609	20100	91855	00901	55213	81075			590	00553	59	+		+		
Gorleston	497	02805	56050	88651	00900	52220				497	02710	16284	91151	00900	51211				497							
Aberporth	502	73314	65838	90603	79411	01209	87918			502	61702	68028	93803	62411	01216	86818			502	02013	54	ph.pr.s.		pr.		
Filton	628	92303	00494	91250	91111	51215	89100			628	90000	01494	93852	91111	52314	89100			628	00533	53	FFFF		FF		
Rhoose	715	02902	64024	91352	00900	52213				715	53605	59036	93951	38402	51316	81814	83645 85075		715	91533	59	FFfr.		r.		
Hartland Point	703	13610	87011	92205	19400	52225	81918			703	32412	86018	94206	32400	03215	83815			703	97041	50					
Mount Batten	827	30204	60011	91902	20931	01227	82360			827	53204	45251	95002	58400	01215	82818	83640		827	01514	54	+		pr.		
St. Mawgan	817	73502	80808	92603	78511	02220	85820	83630		817	43313	82038	95205	42600	00112	84832			817	92011	52	prpr.		+		
Scilly	804	33212	83028	94006	32400	02221	83817			804	10000	83020	96905	11400	00215	81817			804	97041	52	pr.		+		
Culdrose	809	53310	58808	93003	59400	02220	82712	85918		809	32906	70021	96003	31400	51214	83818			809	03003	55	pr.ph		+		
Guernsey	894	70108	80808	90303	79311	03319	84706	87912		894	23212	82018	95404	22500	51226	82825			894	07031	51	phprpr.		+		
Elmdon	534	32601	56040	90553	35500	54218	81622	83634		534	00501	25040	93356	00900	57313			534	00573	61	+		+			
Cardington	559	02707	58050	90153	00900	54215				559	32607	56101	92754	35600	54213	83645			559	00553	60	+		+		
Wittering	462	22710	35040	89853	00901	54112	82070			462	22907	32040	92653	26101	54213	82702			462	00553	57	+		+		
Watnall	354	72703	25051	89950	75611	52217	87630			354	12907	60011	92551	00901	53212	81080			354	97533	56	+		+		
Shawbury	414	42703	56041	90951	45400	52215	81612	84625		414	00000	56100	93955	00900	56217			414	00513	61	+		f			
Finningley	360	12906	35101	89151	00902	52318	81075			360	32806	58040	91451	00902	53212	83075			360	00553	59	+		+		
Spurn Point	396	62813	48101	88302	60971	01214	86360			396	12816	64011	91001	10970	52217	81360			396					+		
Leeming	257	52812	84022	88900	15501	53214	81625	85075		257	02711	86011	90900	00900	52310			257	00565	54	+		+			
Tynemouth	262	22817	69021	88051	00902	53210	82075			262	02612	69020	89950	00900	53109			262	00527	53	+		+			
Carlisle	222	00000	01484	90055	00900	56211				222	51302	45044	91659	45702	60207	84650			222	00607	62	FFFF		ff		
Valley	302	70302	62808	91003	78511	01223	86822			302	23104	80018	93103	22500	02209	82820			302	02013	52	pr.		pr.		
Ringway	334	90902	01494	90852	91111	53217	89111			334	91902	02494	93152	91111	53211	89111			334	00533	54	FFFF		FFFF		
Squires Gate	318	00000	00484	90254	00900	54217				318	91302	00494	92253	91111	53209	89111			318	00563	58	FF		FF		
Ronaldsway	204	40000	80031	90551	48501	52110	82820	83635		204	22606	86030	92003	29500	00208	81922			204	00524	57	+		+		
Mull of Galloway	131	13612	86010	90302	12500	01109	81825			131	20112	86030	91503	22500	02204	82825			131	00013						
Eskdalemuir	162	03402	56400	90357	00900	57307				162	11206	80020	90356	18400	58803	81818			162	00593	61	+		+		
Prestwick	135	01303	40040	90358	00900	59209				135	10000	56048	90555	11400	56501	81818			135	97597	63	+		ps.		
Abbotsinch	140	10000	20110	89757	15600	58106	81630			140	11502	50100	90155	18400	56301	81818			140	00596	63	+		f		
Leuchars	171	52712	82031	87450	30932	53207	83360	85075		171	02510	86011	88153	00900	54500			171	00547	57	+		+			
Dyce	091	32713	70038	85401	28402	52208	82815			091	22813	70018	85801	11442	52302	81815			091	97007	52	ps.		jp		
Lerwick	005	83320	81808	78104	29407	00712	81912	88272		005	83021	81028	76803	23417	50605	81912	83462 88272		005	05016	00	pr.		pr.s.		
Wick	075	23214	75278	84902	29403	51001	82915			075	22612	75278	84500	29400	51502	81915			075	02505	53	ph.r.ph.		ph.r.ph.pr.s.		
Sule Skerry	010	43213	74158	85505	43500	01703	84920			010	53219	74271	84204	53500	03806	85920		</								

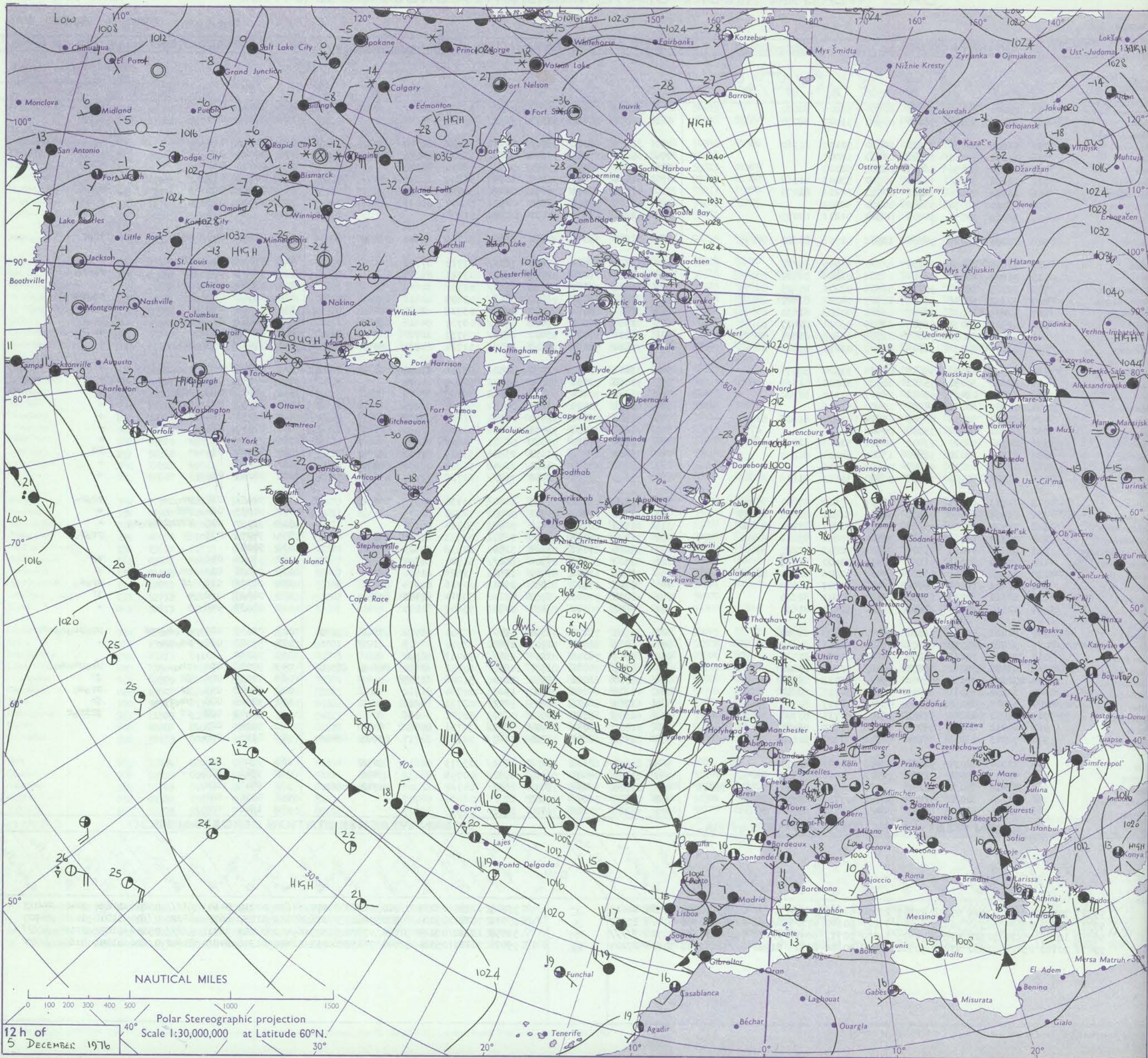
ISSN 0307-2541

Date of Issue MONDAY 6 DECEMBER 1976

Code FM 21.D		OCEAN WEATHER STATION REPORTS at 12h.														OCEAN WEATHER STATION REPORTS at 18h.													
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 C _L hC _M C _H	D _s sapp	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 T _w	3P _w P _w H _w H _w H _w	d _w d _w P _w H _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 C _L hC _M C _H	D _s sapp	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 T _w	3P _w P _w H _w H _w H _w	d _w d _w P _w H _w H _w H _w
C	99527	70355	05121	72914	97158	72302	23452	00228	////	////	05955	10674	30506	24415	C	99527	70355	05181	73310	98278	77402	64630	00217	84641	////	05856	10686	30403	24415
L	99573	70206	05124	81330	96616	68807	7722/	00640	87703	88512	0//05	10992	30709	17707	L	99571	70203	05184	80930	96616	59306	6722/	21852	86704	88512	0//05	11008	31010	16907
M	99659	10005	05124	70727	97808	74405	69470	00713	86918	////	05303	10671	30708	////	M	99659	10002	05184	70624	97808	71305	69400	00713	86918	////	05303	10672	30708	////
R	99472	70163	05124	72530	97256	90512	734//	00832	83715	81920	0//11	11208	30606	27204	R	99472	70167	05184	52640	96258	88411	58400	61308	84810	83640	0//06	11191	30610	////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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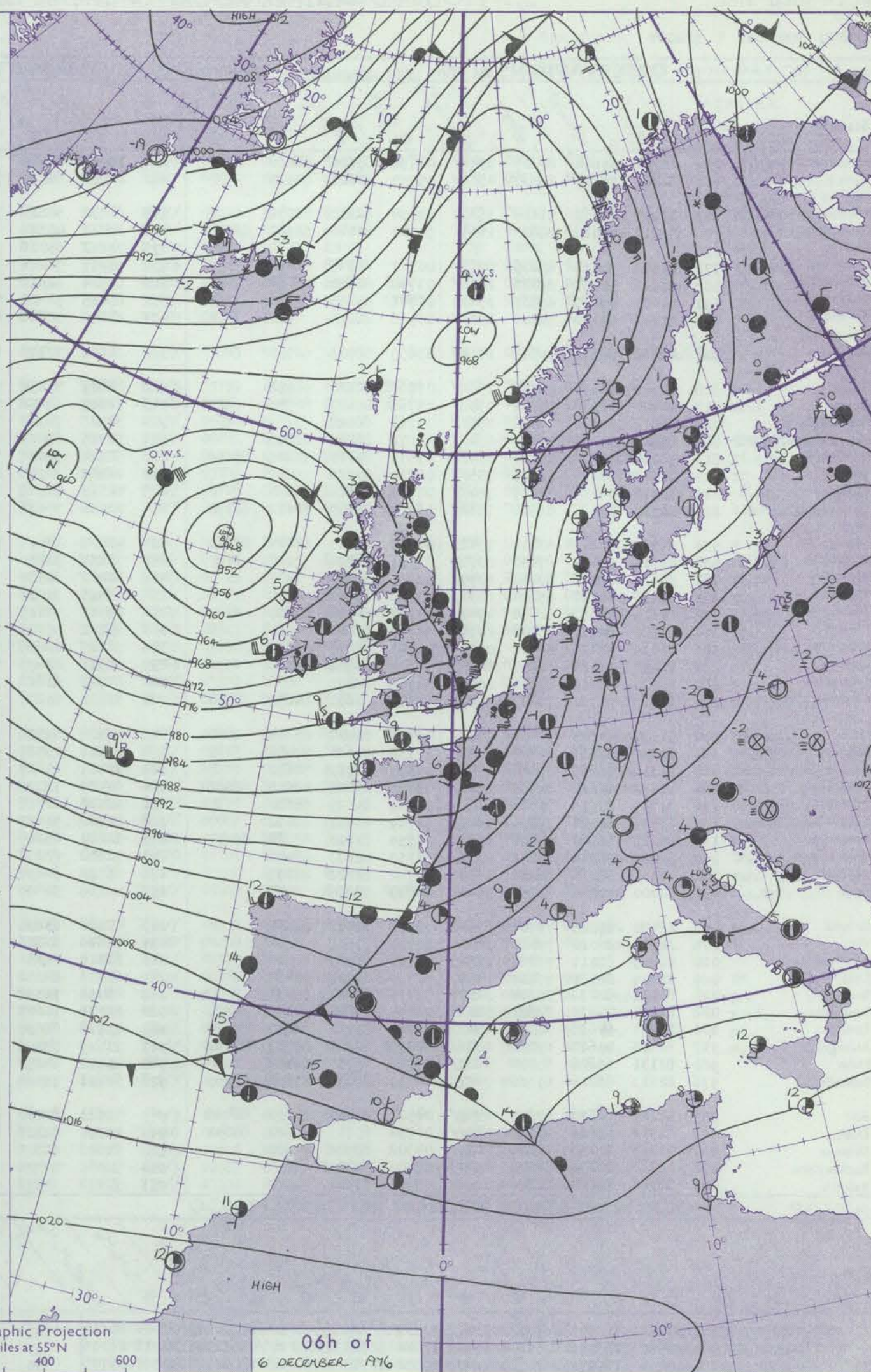
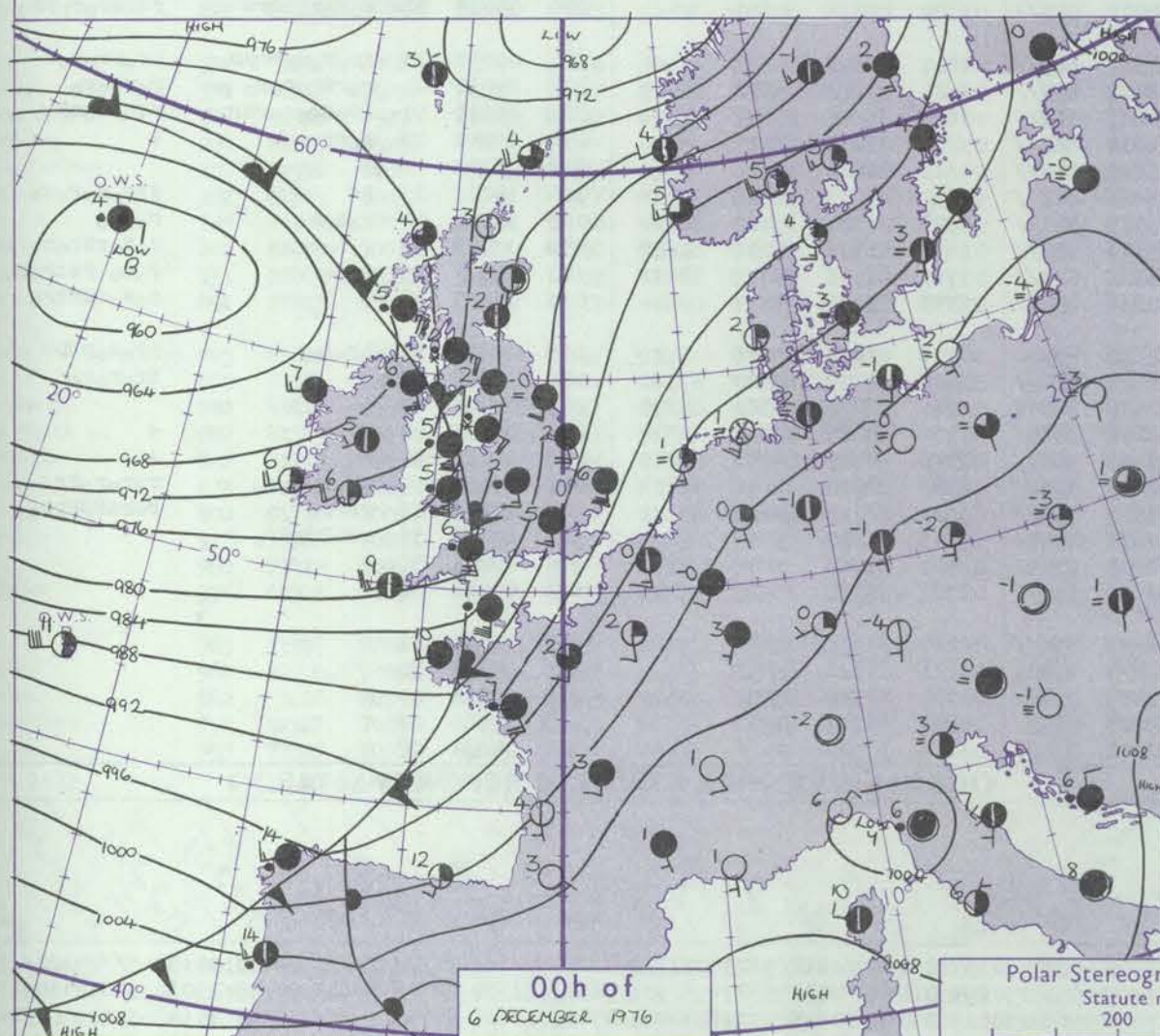
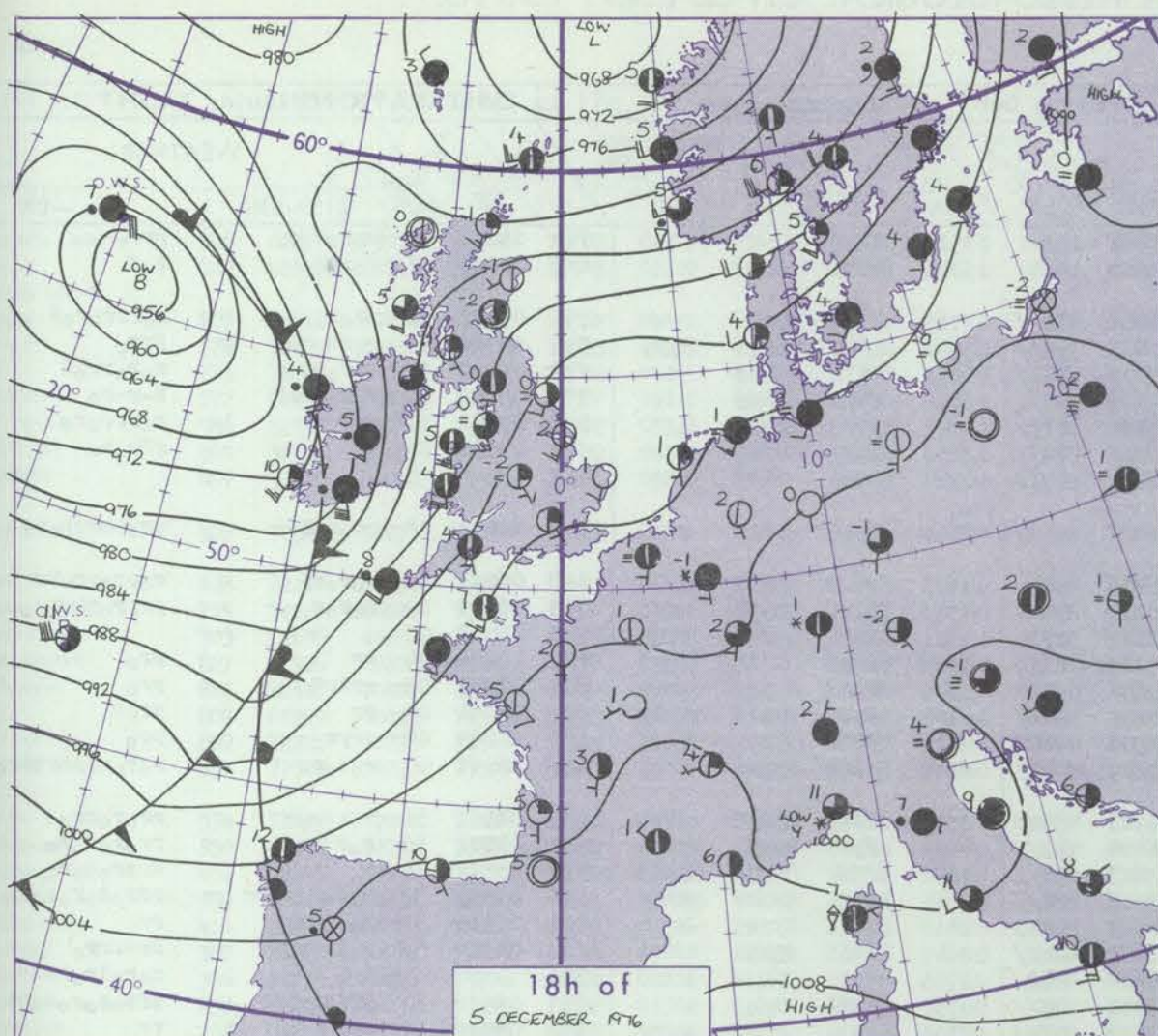
8-12

13-17

Additional
or add

18-52

CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the last 24 hours a depression between the Faeroes and Norway moved slowly northwest. A complex low pressure area in mid-North Atlantic deepened considerably as it moved slowly eastwards. The associated occlusion moved steadily east across Ireland yesterday evening and had reached southern Scotland and eastern districts of

England by this morning. During the next 24 hours the complex low to the west of Scotland will move slowly northeast towards the Faeroes and a strong southwesterly unstable airflow will cover the whole of the British Isles.

Issued at midday MONDAY 6 DECEMBER 1976

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

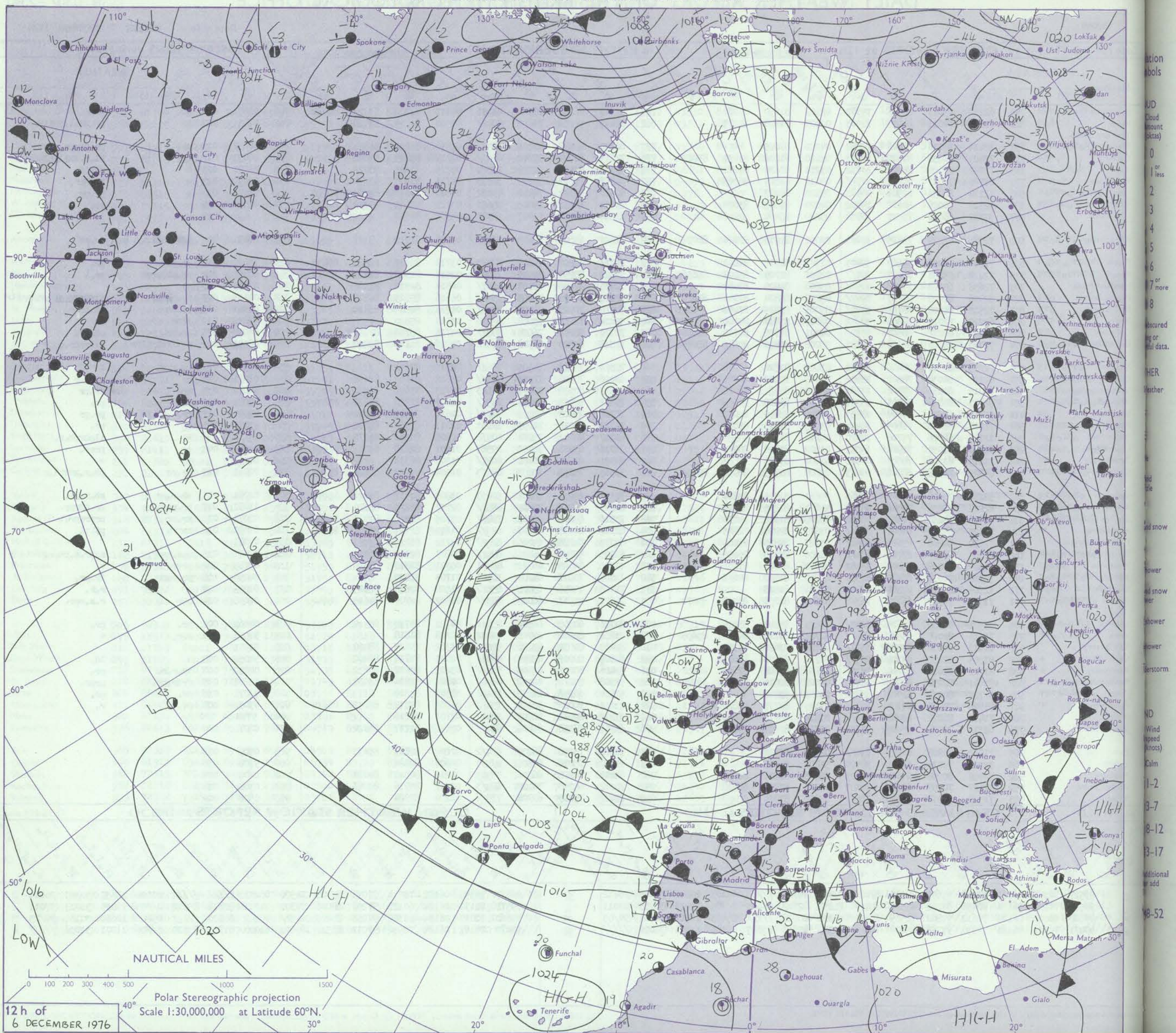
ISSN 0307-2541

No. 42019

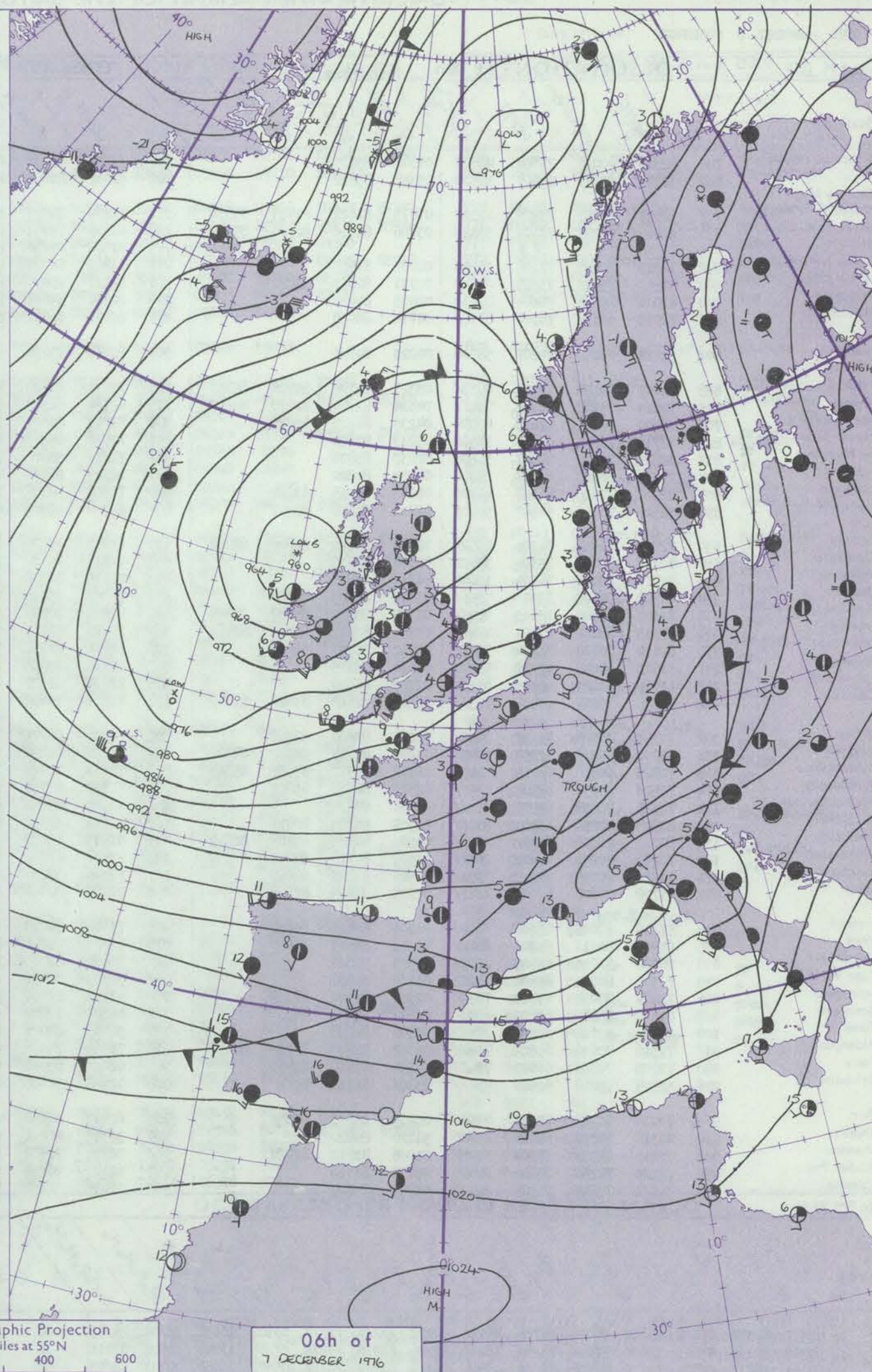
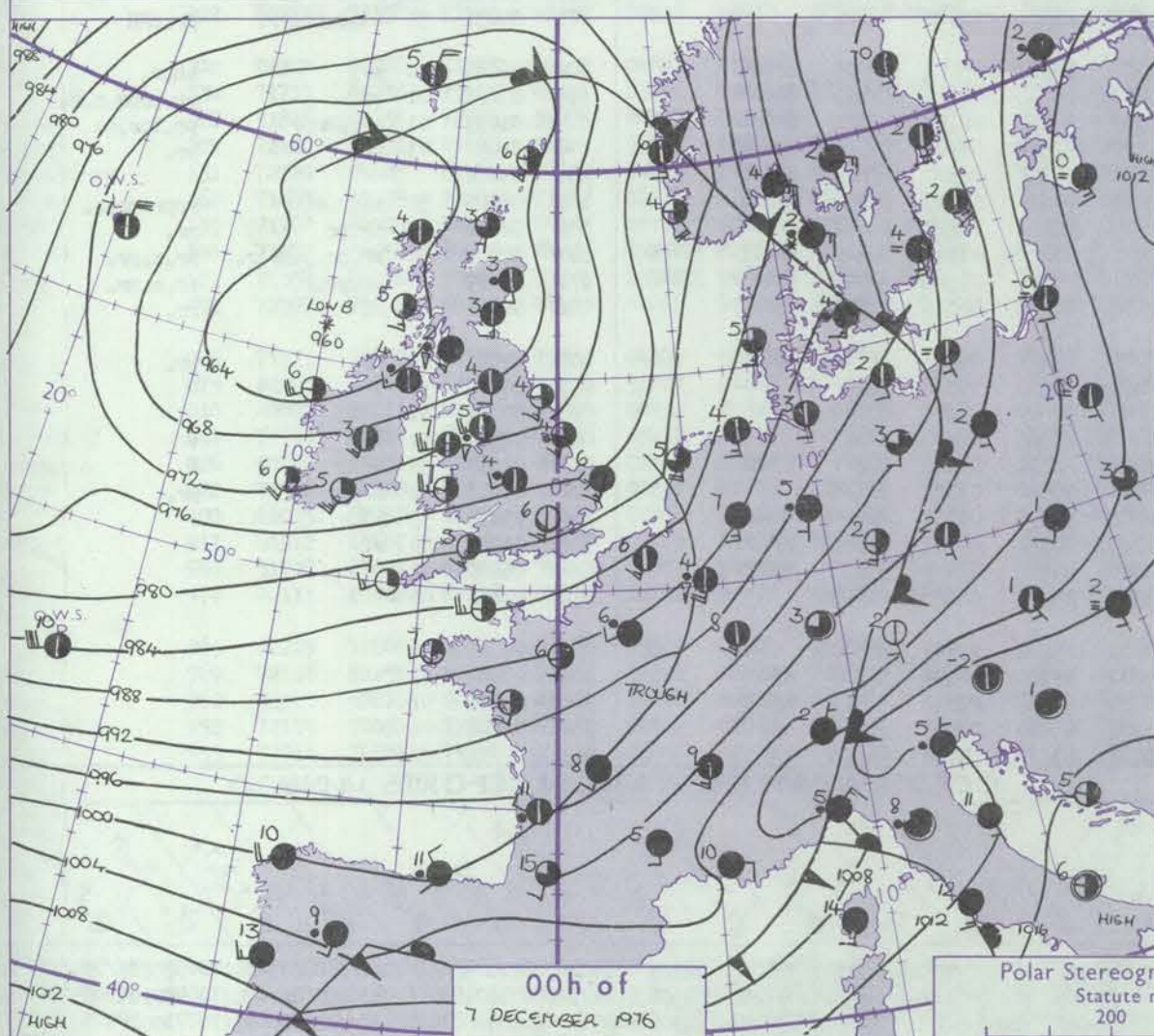
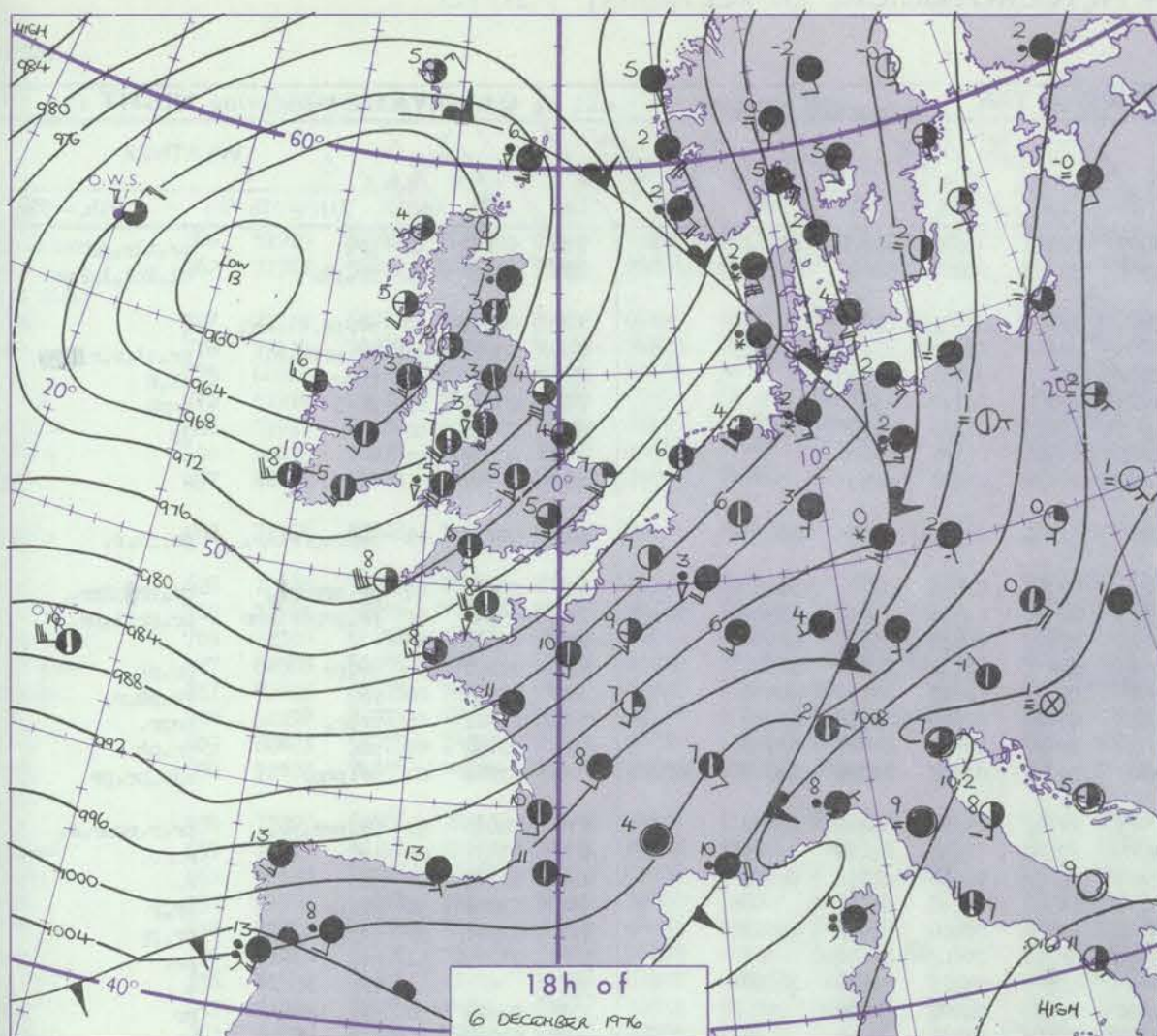
Date of Issue TUESDAY 7 DECEMBER 1976

Code FM II.D	OBSERVATIONS at 12h. 6 DECEMBER 1976										OBSERVATIONS at 18h. 6 DECEMBER 1976										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	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	iii	Nddff	VVwww	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	iii	RRT x E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	62217	75011	80508	15702	02107	81650	85070		746	71913	66808	78004	48331	04817	81708	83815	85072	746	02081	014	pr.	prpr.		
Hurn	862	42219	70011	81909	11503	02109	81820	84075		862	82417	56958	79906	834//	05500	82713	88918		862	07111	022	+	pr.prtl.hRtLH		
Thorney Island																									
Manston	797	32414	74016	82408	18562	04222	81825			797	62220	68018	81108	2857//	05816	81822	85361		797	04082	019	pr.	pr.phrpr.phr		
Gatwick	776	72409	70036	81307	19533	04010	81822	81925	85072	776	72113	60259	79706	6857//	05719	83823	85630		776	06091	017	pr.	tl.r.hRtLH		
Kew	775	72009	75026	80807	25632	03211	82630	85072		775	51913	80258	79306	15572	03715	81625	83072		775	02091	025	+	prtlR		
Heathrow	772	61708	75031	80908	1157//	03112	81820	86365		772	61817	75219	79205	39563	04715	81920	85070		772	02091	023	+	tl.Rpr.		
Honington	586	42114	82036	79507	00902	03120	84072			586	81411	66031	78406	45632	03818	84630	84364	88072	586	01081	034	+	pr.pr		
Wattisham	590	32318	70026	80107	15602	04220	81645	83075		590	71715	70031	79005	35652	03719	83645	85359	87075	590	94071	027	+	pr.		
Gorleston	497	32310	66016	79507	30920	05220	83460			497	21918	66021	80007	20970	04307	82360			497		023				
Aberporth	502	72521	58279	73905	39463	02000	82710	82914	86070	502	72120	65809	70605	794//	03705	87912			502	06071	005	tlh	pr.pr		
Filton	628	72214	80038	78607	59403	01301	84915	84640		628	72313	65808	75606	694/3	03719	81915	83820	86630	628	95081	012	pr.pr	pr.		
Rhoose	715	72224	65278	77707	793//	03801	81709	83918	85656	715	52322	80258	74407	19408	02515	81818	81925	85272	715	96081	012	pr.phrpr	pr.l		
Hartland Point	703	72638	69028	75908	4957//	03806	84920	87460		703	72435	82038	73107	2947//	06814	82912	87360		703	03082	003				
Mount Batten	827	82926	62808	81207	7947//	05207	85814	81916	83625	827	72423	70219	76408	794//	06616	83915	84818		827	01101	007	pr.phr	prprtlr		
St. Mawgan	817	72518	70808	80106	5352//	03005	85925	87458		817	72522	70029	75407	6946//	04716	84915	83824		817	04091	013	pr.phrs	tl.phr.		
Scilly	804	62229	62028	79308	32572	04804	83820	84460		804	52436	72258	75808	52500	03709	85820			804	03092	010	pRpr	pr		
Culdrose	809	72223	60278	80507	5932//	04301	81708	82918	83820	809	72329	58258	76008	793//	04716	83706	87915		809	05092	005	ph.pr.	ph.pr.		
Guernsey	894	72328	75028	85509	58433	05008	83816	83645	85075	894	72328	65809	81908	794//	04716	82710	85820	83920	894	08101	023	prtlrLHtlr	tlhrpr.prpr		
Elmdon	534	72015	62041	76406	18532	03803	81820	87070		534	71813	70028	74505	756//	02715	87638			534	02071	022	pr.r.r	+		
Cardington	559	62215	80031	78807	20932	04005	82362	86075		559	82026	70608	77506	854//	03618	84615	88656		559	01081	026	+	pr.r.r		
Wittering	462	62015	80036	77506	10933	03006	81362	86072		462	71813	80038	76403	54503	02723	85624	86072		462	94071	033	pr.	pr.pr		
Watnall	354	52013	60036	75705	38531	03000	81820	83650		354	71812	58058	74504	785//	01719	81820	84630	85650	354	92071	022	pr.	pr.		
Shawbury	414	52115	68801	74607	48533	04806	83820	83072		414	71707	75808	73005	7842//	04614	86813	87462		414	03071	017	pr.	pr.pr		
Finningley	360	71808	61036	74605	18444	03003	81815	87072		360	71710	65018	74003	10963	02811	81360	87070		360	93071	041	+	pr.		
Spurn Point	396	12115	66026	75706	10970	04216	81360			396	61717	80011	75704	40978	02805	84360	86275		396			+	tlphrph.r.		
Leeming	257	61814	62037	71905	12532	01802	81820	86070		257	71716	65808	71703	29563	01501	82920	85361	86070	257	01065	043	+	prpr.		
Tynemouth	262	31815	61026	70805	00908	02604	83275			262	61921	61021	70404	6097//	01303	86358			262	00055		+	+		
Carlisle	222	61809	70258	68806	694/3	02808	81715	83918	85630	222	71511	75258	67603	694/3	01804	81917	83820	85645	222	02061	023	pr.pr	ph.r.prstl.r		
Valley	302	52236	70028	70007	59463	00611	81915	84824		302	72131	65258	68207	59463	03805	82917	84824	85070	302	02081	019	ph.r.pr	ph.r.pr.		
Ringway	334	62212	75256	74306	48532	51603	82825	83645		334	81812	60218	72504	885//	02717	81825	88640		334	13072	017	pr.pr.s.pr	pr.pRpr.		
Squires Gate	318	51916	75258	71405	29432	03708	81915	84070		318	71816	65808	70203	794//	03705	81712	82917	86649	318	03071	023	pr.pr	prprpr.l		
Ronaldsway	204	72125	65268	67607	795//	03619	82920	86823		204	62124	80138	66007	695//	01610	81925	83828	85645	204	01081	012	prpr	pr.tl		
Mull of Galloway	131	72330	84808	65605	4251//	03727	84825	87460		131	62333	84278	64206	625//	03712	86825			131	01071					
Eskdalemuir	162	61805	68037	67702	684//	01806	83818	86635		162	61705	57898	66501	694//	00807	82711	86920		162	12037	018	r.s.s.s	sspr.s.s.phr.		
Prestwick	135	71309	75038	65804	78432	02812	81817	83632	85640	135	41303	64028	64802	48401	00301	81818	84622		135	03043	002	prpr.	+		
Abbotsinch	140	51208	70038	66505	48530	01802	81820	84645		140	11809	70017	64704	18500	01704	81820			140	04055	018	pr.rsrr	ir.pr.		
Leuchars	171	12805	65017	67304	18402	01106	81818			171	71708	70216	65903	654/2	01500	82618	86645		171	91055	028	+	r.r.		
Dyce	091	71913	75017	66103	16372	01608	81708	85358	86070	091	81603	45617	66003	853//	01802	82709	84615	88640	091	02046	024	r.r	r.s.s.rpr.		
Lerwick	005	81521	62638	71605	7232//	03821	85807	88510		005	81726	60808	66506	834//	04722	83710	88914		005	04062	000	pr.	pr.		
Wick	075	71614	82026	64505	6847//	02723	81710	84814	85635	075	11808	82011	64705	12432	00208	81818			075	91065	000	r.r.	+		
Sule Skerry	010</																								

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 off northwest Ireland has remained almost stationary. An associated occluded trough across southern Scotland and eastern England to western France moved steadily east reaching the Kattegat by midnight. It was followed by a strong to gale unstable southwest airstream into all parts of the British Isles, with minor troughs of low pressure

moving rather quickly northeast along it. During the next 24 hours the depression near Ireland will move slowly northeast to northern Scotland, filling slightly. A small secondary depression about 200 miles southwest of Ireland will move rather quickly east then northeast reaching the southern North Sea as a trough of low pressure by tomorrow morning.

Issued at midday TUESDAY 7 DECEMBER 1976

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

OBSERVATIONS at 00h. 7 DECEMBER 1976										OBSERVATIONS at 06h. 7 DECEMBER 1976										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	RRT _n E	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	42313	80028	77804	48502	01312	83825			746	71507	80038	80903	22522	01802	82828	84462	86070	746	02021	51	pr.	pr.tlr.pr		
Hurn	862	32515	80019	78907	32500	03314	83822			862	52012	80021	81307	39503	03810	83920	84075		862	05052	02	pr.ph.	tl.Rtl.hphpr		
Thorney Island																									
Manston	797	62012	70298	79205	29563	03813	81822	81935	85360	797	12214	84021	83404	12503	02131	81822			797	04021	52	phpr.tl.hrl	1		
Gatwick	776	62412	66299	78105	39426	03706	81816	82924	85268	776	62210	75251	82704	68503	03112	82822	86640		776	05022	51	pr.prtl.r.	pr.tl.r.r		
Kew	775									775	31908	75030	81704	10945	02111	81360			775	02041	50	prpr.	tl.R		
Heathrow	772	12013	75259	77106	19500	02707	81925			772	51811	84031	81704	00902	02110	85070			772	03032	01	pr 1	prpr		
Honington	586	51811	75018	75905	25532	02711	82620	83070		586	32111	75036	80303	15702	01223	81650	83075		586	97031	00	r.	jp		
Wattisham	590	42014	80018	76604	00902	02805	84075			590	22114	84011	81103	00902	01124	82070			590	00021	51	+	+		
Gorleston	497	82015	66136	76706	80977	04714	88458			497	22214	66031	80105	20910	02206	82460			497						
Aberporth	502	52724	75258	74207	58500	00223	84825			502	62014	75259	73803	59403	03715	84915	83070		502	05031	01	prpr.phrtlr.	pr.ph.r.		
Filton	628	72607	70258	77304	49337	03327	82708	84918	85357	628	72112	65808	78806	79377	02806	81708	87919		628	05031	02	pr.pprph	pr.ppr		
Rhoose	715	72614	75278	76706	79477	04324	81814	82920	85650	715	62124	62808	78005	69477	04816	83816	83920		715	06041	02	pr.pprhrlphr	pr.prtl.pr.		
Hartland Point	703	42740	79131	77608	49500	04235	81925	83825		703	72445	62809	74908	59477	06832	85918	87360		703	03062	03				
Mount Batten	827	12716	70258	80607	18500	05233	81820			827	72528	65278	79907	79477	06512	82914	87818		827	06051	04	pr.pr	pr.ph		
St. Mawgan	817	32824	70018	80307	32500	02237	83826			817	72612	58878	78906	59473	04613	84918	85458		817	02051	00	pr.	pr.ph.r.		
Scilly	804	22415	80258	81807	28500	04223	81820			804	62525	66258	79608	63460	07503	83818	83920		804	01062	05	prpr.	prpr.		
Culdrose	809	42520	70038	81207	43400	03233	82918	83822		809	72328	70258	79009	79577	06715	84920	83628		809	02052	04	ph.	pr.ph		
Guernsey	894	52523	70258	84507	59403	03222	83818	83923		894	72124	66919	85009	79377	03508	81708	83818	83922	894	01061	04	pr.phpr	tlr.pr.pr		
Elmdon	534	72311	61618	74304	45527	02305	82620	84626	87460	534	61913	75038	77903	21527	01204	82820	86462		534	04011	51	pr.prr.pr.	pr.r.r.r.r.s.		
Cardington	559	42117	75016	75304	35602	02508	83630			559	42318	75036	79904	25602	02112	82630	83075		559	91031	00	lr.	r.r.r.		
Wittering	462	22015	80018	74304	15640	01712	81638			462	52115	80038	78703	25402	01014	81618	84072		462	91021	50	pr.	r.		
Watnall	354	72308	50808	73503	58267	03301	83705	83630		354	72008	75038	76802	00903	01208	87068			354	03021	50	pr.pr	pr.r		
Shawbury	414	72107	75808	73603	78477	02312	83814	85630	87656	414	62010	80038	75804	12432	02000	81818	86072		414	02021	50	pr.pr	pr.pr		
Finningley	360	81913	68252	72204	48417	03505	82812	83620	88460	360	21810	70011	75303	15701	00109	81650			360	97021	51	pr.	pr.		
Spurn Point	396	62114	70609	73104	30971	03712	83358	86075		396	61914	72032	76904	45677	03327	84630	86360		396			lr.	+		
Leeming	257	51613	35048	70202	52400	01610	85815			257	21914	80018	72604	28502	00007	82820			257	02013	50	pr.	pr		
Tynemouth	262	61716	61021	69303	65577	02705	86620			262	72014	69022	70804	70977	01310	87360			262	00025	51	+	+		
Carlisle	222	71809	75219	67404	79577	02303	81920	83824	87647	222	32311	75038	69303	23502	00012	82920			222	04031	51	tl.r.pr.r.r.	pr.pHR		
Valley	302	72323	70028	71607	32577	03224	83820	87460		302	72130	66271	71507	53467	05709	82914	83818		302	96061	04	pr.	ph.r.		
Ringway	334	72014	65218	72304	55408	01204	82714	84640	87270	334	71914	80258	74903	78472	00306	82815	86640		334	03021	01	rr.	pr.ppr.s.r.		
Squires Gate	318	72423	64808	69905	69477	04107	81917	83820	85643	318	71713	70018	72403	58532	02108	82822	84636	85072	318	01031	01	pr.phpr	pr.lpr.s.		
Ronaldsway	204	72528	80039	68307	78577	02319	86820	85833		204	72323	82258	69507	79577	01705	82922	85828		204	91051	03	pr.	pr.		
Mull of Galloway	131	72435	86038	65506	72577	03210	87825			131	82434	83032	67606	55527	03504	85625	88460		131	94041					
Eskdalemuir	162	81708	40838	66401	89277	01304	86704	88917		162	72113	65038	68002	73477	00006	81714	85918		162	08007	50	pspr.s.pr	prpr.pr.s.		
Prestwick	135	82013	56818	64102	88277	01501	81705	83708	86812	135	81913	65808	66703	88477	02220	83812	88615		135	04011	00	pr.pr	pr.		
Abbotsinch	140	70000	50258	64402	78477	01501	81710	84814	85630	140	73302	65808	66302	78477	01313	81710	84815	87630	140	10012	50	pr.pr.s.prir.	pr.s.pr.		
Leuchars	171	71710	70028	65503	78577	01508	83822	87640		171	72216	57838	65801	78377	01304	82708	86815	87640	171	06015	00	pr.pr.s.	pr.s.pr.		
Dyce	091	71709	70608	65603	12417	01705	81815	87458		091	72005	80036	65601	66432	00303	86710	85068		091	94506	52	r.	rr.		
Lerwick	005	51815																							

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42020

Date of Issue WEDNESDAY 8 DECEMBER 1976

OBSERVATIONS at 12h. 7 DECEMBER 1976										OBSERVATIONS at 18h. 7 DECEMBER 1976										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h L _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 L _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	RR	T _x T _x E	SSS	WEATHER	
																							09h.—15h.	15h.—21h.
Boscombe Down	746	51915	65019	80807	29403	05802	81710	81915	84070	746	82505	58809	78605	883//	04504	82706	83815	88650	746	07071	008	pr.pr	pr.pr	tl.rpr.pr
Hurn	862	71911	59819	82007	794//	05803	87912			862	72514	62629	79807	694/2	05303	84710	86918		862	09101	003	tl.rtl.rh.tlr.	tlr-TLPH-tlr	tlr-TLPH-tlr
Thorney Island																								
Manston	797	72118	65299	84006	5947/	04003	82915	83824	85360	797	71920	70038	82508	32478	04818	83818	84462	87270	797	05091	002	pr.tl.r	pr.r.ppr.r	pr.r.ppr.r
Gatwick	776	72114	70299	83006	39503	04503	81820	81924	86070	776	82120	26928	81205	5942/	05509	82712	85930	88556	776	08092	001	pr.prtl.rtl.R	prtl.rtl.r.R	prtl.rtl.r.R
Kew	775	62012	80159	82207	29543	04400	82920	84070		775	72409	65298	80005	6953/	04512	85920	83360		775	04001	010	pr.	tl.rpr	tl.rpr
Heathrow	772	51914	75018	81907	29563	05505	82920	84070		772	81913	65299	80005	5952/	05711	81920	84645	88458	772	07091	010	prpr.pr	pr.tl.r.r	pr.tl.r.r
Honington	586	71917	81036	80806	11432	03605	81816	87070		586	81718	82032	79907	50937	05607	85360	88270		586	04071	027	rr.	r.r.r.	r.r.r.
Wattisham	590	62015	70038	81406	18403	03502	81815	86070		590	71716	75032	80507	50922	05808	85465	87070		590	05071	024	pr.pr	r.r	r.r
Gorleston	497	42022	66018	81007	40970	03807	84360			497	81920	66031	81407	8092/	05400	88458			497		016			
Aberporth	502	72116	65808	73906	59473	05810	84710	81915	83366	502	72212	70258	75105	6946/	03316	85915			502	03071	008	ph.r.pr.r.r.	ph.r.pr	ph.r.pr
Filton	628	72114	75038	78407	794//	03803	83618	87920		628	72211	65258	77106	3562/	04501	83630	87459		628	03091	011	pr.pr	prpr.pr	prpr.pr
Rhoose	715	72014	67809	77707	5952/	03809	84820	82925	87458	715	72316	70808	77106	5942/	04306	82815	83920	87458	715	02081	008	pr.	pr.prtl.r.	pr.prtl.r.
Hartland Point	703	72330	64258	76006	784//	05711	84815	87640		703	72728	74258	76908	756//	06215	87630			703	06092	000			
Mount Batten	827	82508	80258	79007	69327	05811	81708	86818	82918	827	72716	65808	80008	6843/	06229	81712	83818	86632	827	09101	002	pr.prpR	pr.pr	pr.pr
St. Mawgan	817	72618	60818	78306	6942/	04806	81710	86915		817	72828	70808	79508	794//	05323	87918			817	08091	002	pr	pr	pr
Scilly	804	52218	72019	77508	38542	05717	83820	83360	85075	804	62723	70028	82609	62500	06248	86820			804	02101	014	tl.r.pr	+	+
Culdrose	809	82423	58918	78307	893//	06810	82708	87916		809	62622	60258	80708	694//	06242	85918			809	07092	005	tl.r.phpr.pr	prpr.	prpr.
Guernsey	894	72023	74258	84809	49403	05001	83818	81922		894	72427	68278	83308	794/3	05303	84818	85925		894	05101	022	prpr.ppr	ph.rpr.r.pr.	ph.rpr.r.pr.
Elmdon	534	72307	62802	78105	694/3	04006	81912	85814		534	71809	65218	76005	35312	04804	81707	83630	87075	534	04071	006	pr.prir.r.r.	r.r	r.r
Cardington	559	72014	80026	80307	19403	03304	81918	87075		559	72024	75809	78206	794//	06613	81815	86930	86650	559	06081	027	r	tl.rpr	tl.rpr
Wittering	462	62120	75026	79207	38402	03308	81711	83650	85072	462	81818	62632	77906	854//	05710	83710	88618		462	02071	026	r.	rrr.	rrr.
Watnall	354	52112	65018	77206	38433	03000	82812	83363		354	81911	60618	76205	7832/	05805	83708	85618	88460	354	02071	001	pr.	pr.r.	pr.r.
Shawbury	414	71916	78158	75506	49463	04001	83913	84070		414	72008	68218	74805	3242/	04507	83815	87461		414	03071	008	pr.pr	r.rpr.	r.rpr.
Finningley	360	72011	65018	76306	52463	04103	85814	83362	86070	360	71912	62258	75806	48508	04602	82825	86275		360	97071	011	pr.	pr.	pr.
Spurn Point	396	61922	70016	77205	2567/	03000	82630	86360		396	81720	68602	77206	7567/	05803	87635	88360		396			pr.	ir.r.r.	ir.r.r.
Leeming	257	61914	70258	74305	694//	02212	81914	86650		257	51512	56258	74204	58400	03400	82818	83645		257	95061	010	pr.	pr.	pr.
Tynemouth	262	62020	61268	72804	4363/	02105	84930			262	71916	61028	74205	7097/	03104	87358			262	95052		ps.	pr.	pr.
Carlisle	222	61711	73258	71403	49442	02110	81714	82918	85072	222	71610	65258	72204	794//	03306	81712	82918	84640	222	03051	001	pr.pr	pr.pr	pr.pr
Valley	302	52329	66278	71309	49401	04803	83917			302	52422	80279	72408	59500	05312	85920			302	02091	018	ph.r.ph.l.t.	ph.r.	ph.r.
Ringway	334	71711	65258	75405	49432	03801	81915	83640	85070	334	71909	62216	74905	2567/	03702	82640	86359		334	03071	011	r.pr.r	rr.r.pr.	rr.r.pr.
Squires Gate	318	51816	64258	72906	39403	04004	81915			318	61612	62028	73204	58502	04204	81822	85640		318	03071	018	ph.rpr.pR	pr.pr	pr.pr
Ronaldsway	204	72120	84031	69608	58543	03801	85824	86070		204	72518	80258	70806	784//	04316	82712	83814	85616	204	96091	018	pr.	pr	pr
Mull of Galloway	131	72320	84608	69406	785//	04208	83825	87630		131	72414	86258	69706	785//	05214	83825	87630		131	03081				
Eskdalemuir	162	71403	59258	70802	732//	01114	81705	85711	87918	162	80000	50698	72602	872//	01309	86704	88708		162	15027	000	pr.prpR	pr.s.prsrsRSs	pr.s.prsrsRSs
Prestwick	135	71707	80028	69404	784//	03115	81713	85818	87640	135	70000	59028	71203	755//	02216	83620	87628		135	01051	001	pr.r.r.	r.	r.
Abbotsinch	140	71502	56258	69505	784//	03219	81710	85622		140	80504	22588	72003	854//	02316	81710	83618	85630	140	01052	001	pr.	r.d.r.d.r.	r.d.r.d.r.
Leuchars	171	72308	66158	70003	784/2	02220	82712	83818	86645	171	70000	50111	73001	784//	01220	82818	85620	87640	171	91045	026	pr.s.pr.	pr.	pr.
Dyce	091	72307	75022	68902	48432	00245	81818	83645	86068	091	42205	65041	73001	25632	51322	82640	83068		091	00046	030	+	+	+
Lerwick	005	71513	70809	68706	793//	04209																		

This is a detailed weather map of the Northern Hemisphere, showing pressure systems, fronts, and temperature/dew point data for December 7, 1976. The map uses a polar stereographic projection and includes a scale bar for nautical miles.

Key Features:

- Pressure Systems:** High-pressure areas (H) are located over the Arctic region, the North Atlantic, and the Mediterranean. Low-pressure areas (L) are found over the North Pacific, the North Atlantic, and the North Indian Ocean. A trough (T) is visible over the North Atlantic.
- Fronts:** Cold fronts (indicated by lines with triangles) and warm fronts (indicated by lines with semicircles) are shown across the North Atlantic and the North Pacific.
- Temperature and Dew Point:** Data points for temperature and dew point are plotted at various locations, often with a small circle and a number.
- Geographical Labels:** Major cities and regions are labeled, including North America, Europe, Asia, and Africa.
- Scale and Projection:** The map is a polar stereographic projection with a scale of 1:30,000,000 at Latitude 60°N. A scale bar for nautical miles is provided at the bottom left.

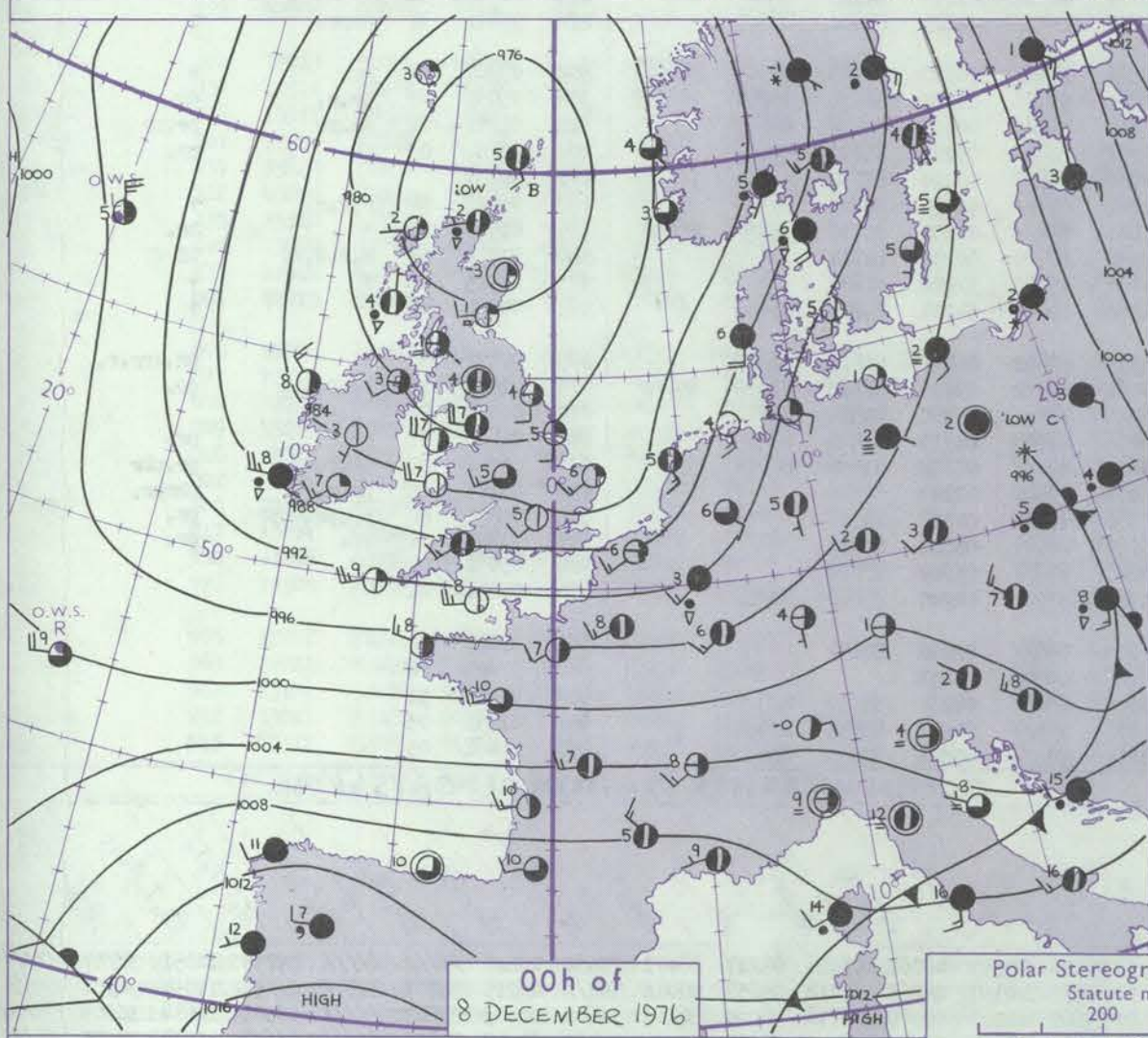
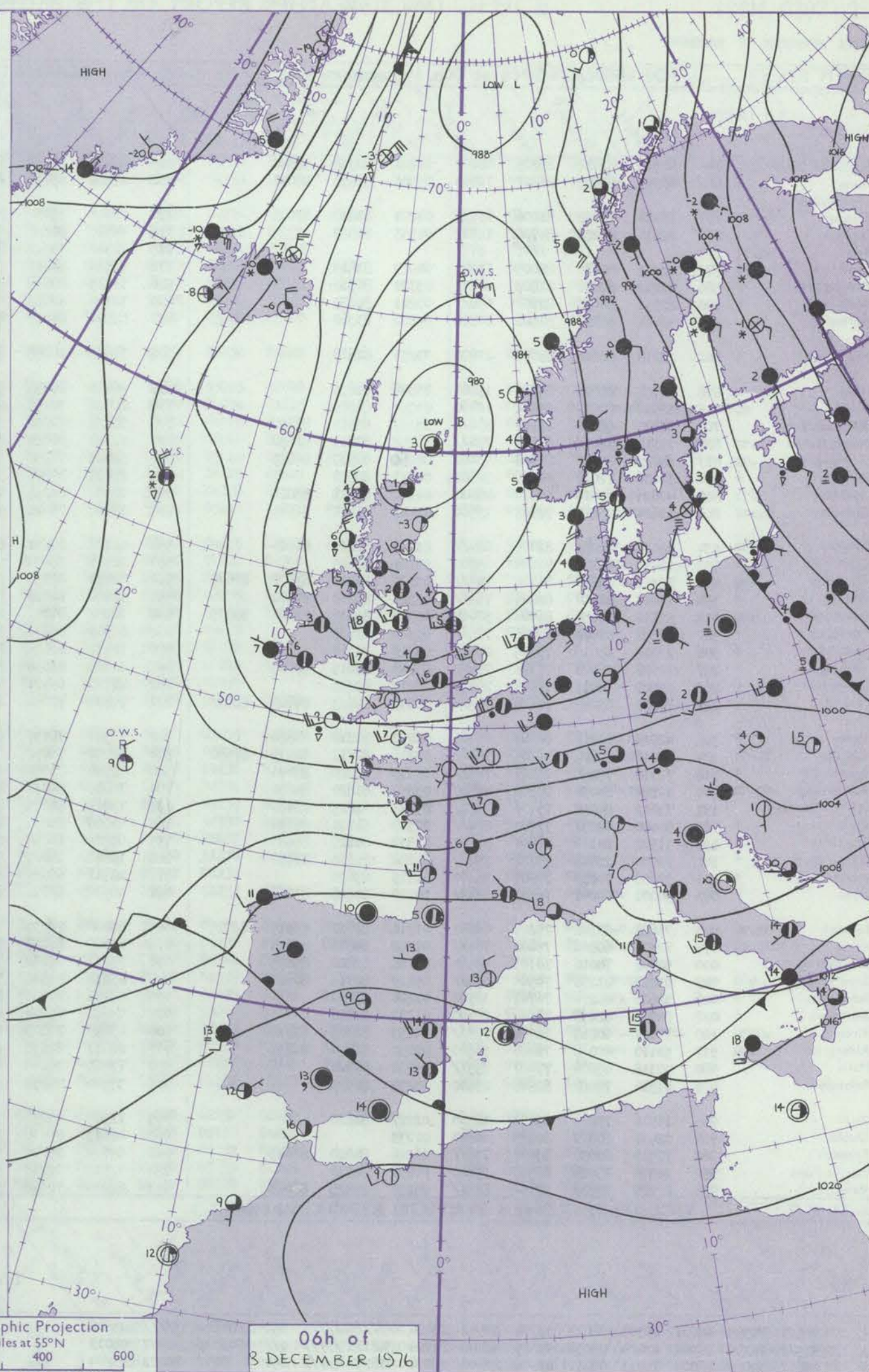
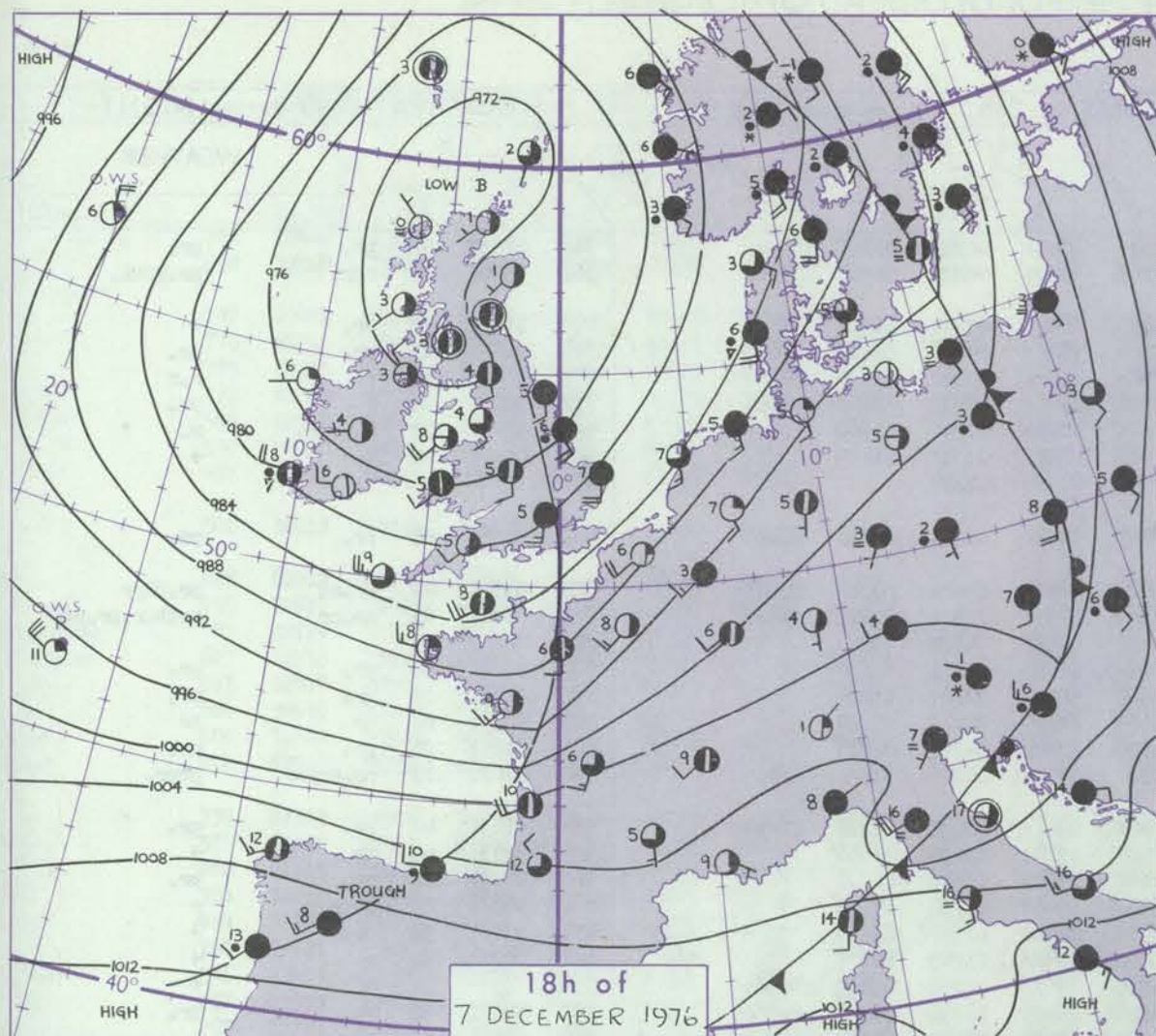
12 h of
7 DECEMBER 1976

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

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

52

CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a deep vigorous depression moved slowly northeastwards across Scotland. All districts of Great Britain remained under the influence of the cold unstable air in its circulation. During the next 24 hours the depression will continue

to move slowly northeastwards and pressure will continue to rise over Great Britain. The cold showery west to northwest airstream will be maintained.

Issued at midday WEDNESDAY 8 DECEMBER 1976

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

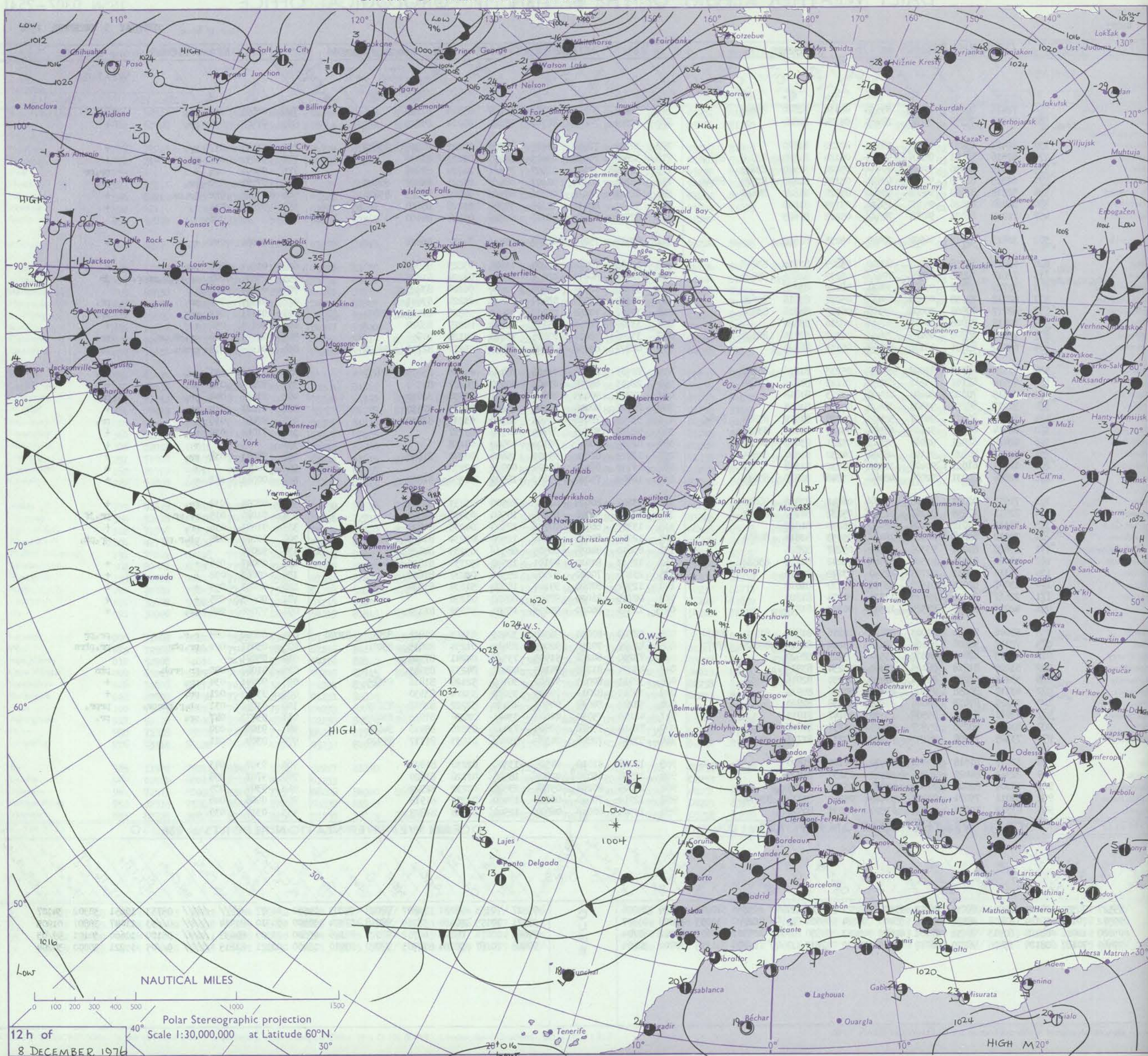
ISSN 0307-2541

No. 42021

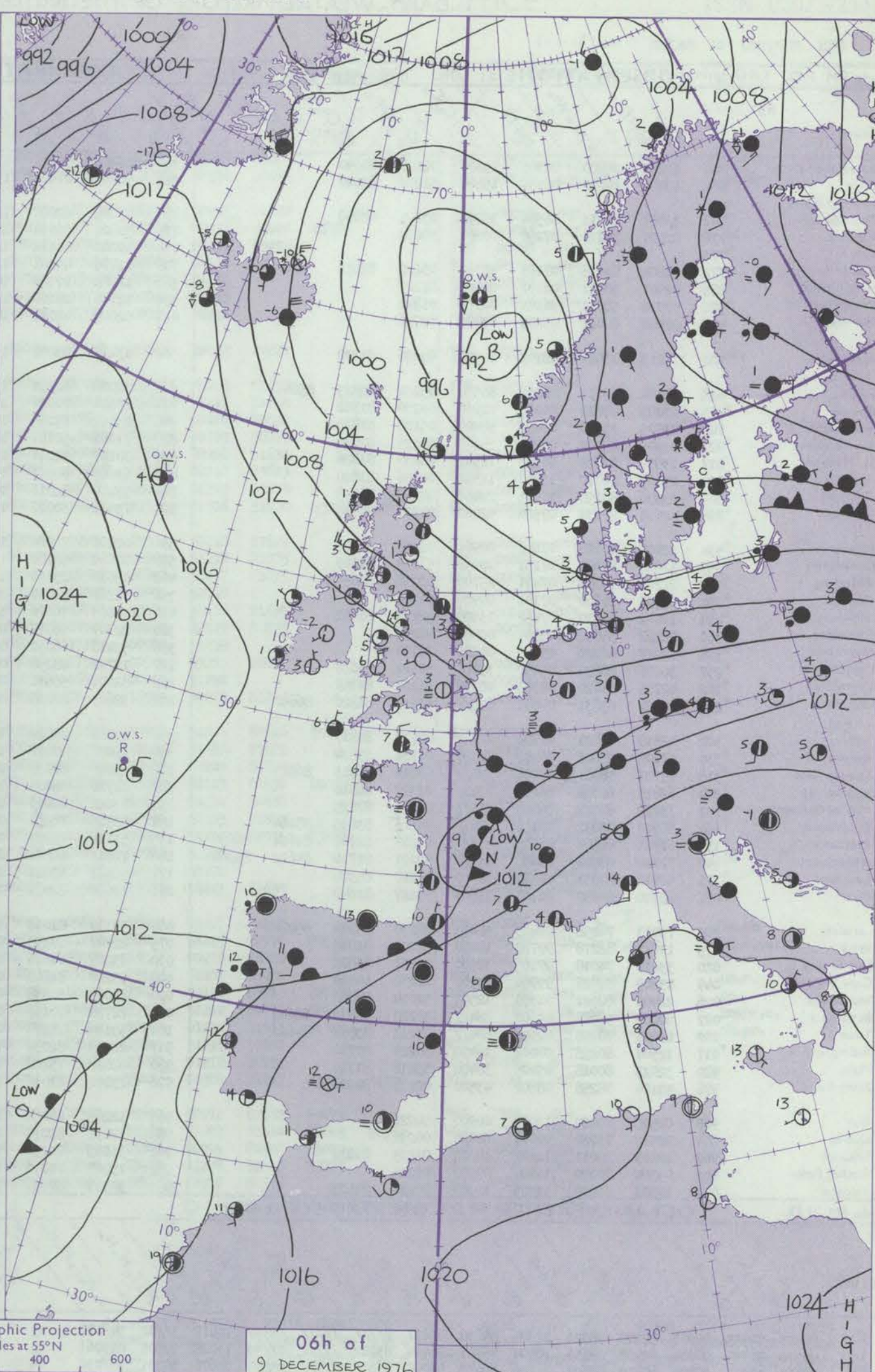
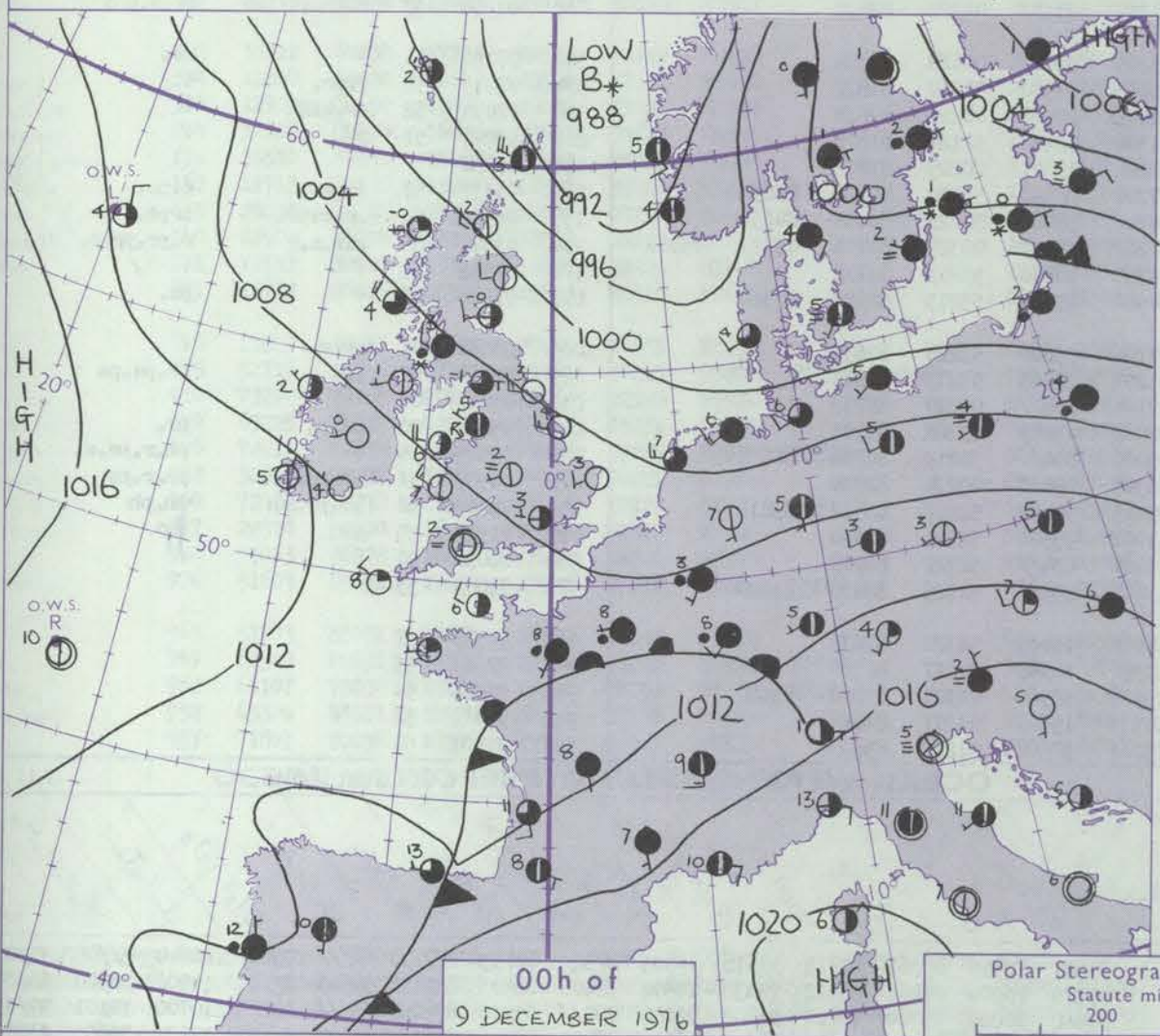
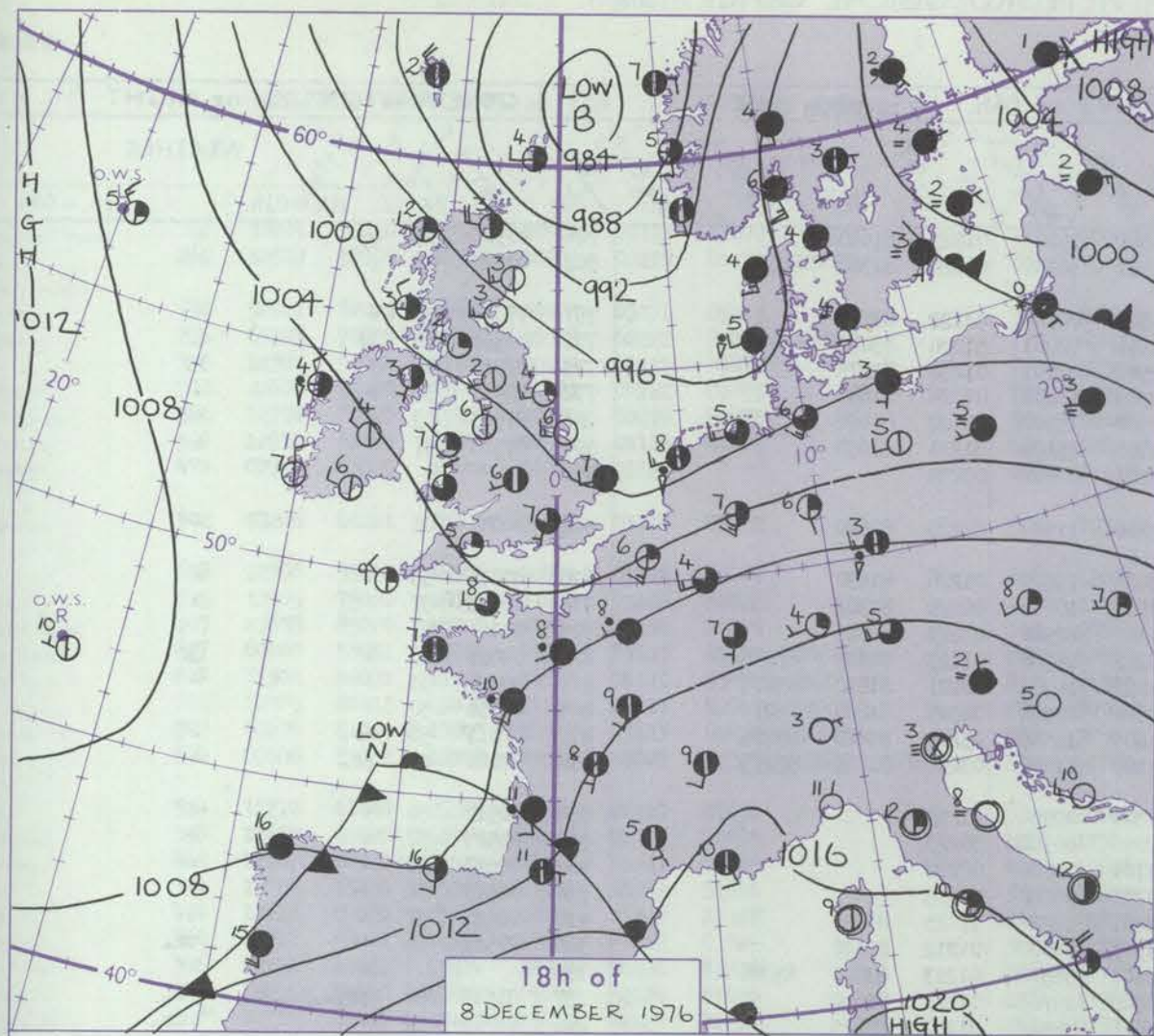
Date of Issue THURSDAY 9 DECEMBER 1976

Code FM II.D		OBSERVATIONS at 12h. 8 DECEMBER 1976										OBSERVATIONS at 18h. 8 DECEMBER 1976										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwwW	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	VVwwwW	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 x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	72416	80251	98408	685/2	04114	82820	85645		746	32407	80258	02705	38500	03316	81820			746	01091	032	pr.	pr.			
Hurn	862	32520	72258	99610	28503	04124	82820			862	22204	70020	02706	28500	04214	81825			862	97101	058	pr.	+			
Thorney Island																										
Manston	797	22419	75031	97909	18533	02122	81820			797	32309	72018	02407	38500	04222	81825	83645		797	91091	037	pr.	+			
Gatwick	776	62516	70801	98607	59503	04124	81824	82928	83656	776	32505	75028	03005	18633	03222	81830			776	91091	035	pr.	+			
Kew	775	62315	80036	97607	4953/	03120	81920	83625		775	72306	80021	02407	756//	04224	87645			775	93091	023	+	pr.pr			
Heathrow	772	62315	81038	97607	69501	03125	81820	81925	85640	772	62206	80038	02207	685//	04221	81828	86640		772	97081	020	pr.	pr.			
Honington	586	52318	82028	94908	58540	03120	81822	84640		586	62312	70018	00706	685//	04229	82823	85630		586	93081	025	1r.pr.	+			
Wattisham	590	22420	81026	95307	15630	03119	81640			590	52411	82031	01105	55700	03228	85650			590	97071	034	r.	+			
Gorleston	497	72212	66031	94807	745//	05222	87625			497	82512	66032	00107	8092/	05228	88460			497		026					
Aberporth	502	32813	80018	96908	28440	05235	81818			502	63414	75021	02607	685//	04232	86822			502	00081	034	+	+			
Filton	628	62612	65258	97907	69400	05229	82915	83818		628	12405	70018	02204	15600	03223	81640			628	01071	001	pr.	+			
Rhoose	715	72617	59808	97807	794//	05232	82816	85920		715	12806	80018	02505	18400	03224	81815			715	05091	003	pr.ph.r.prpr.	jp			
Hartland Point	703	32729	82138	98009	39431	06129	83918			703	33208	76011	03008	32500	06228	83820			703	01102	021					
Mount Batten	827	62718	72258	00209	694//	05021	83916	85628		827	33304	60038	03407	35600	05224	83641			827	92101	027	pr.	pr.			
St. Mawgan	817	62917	70808	00008	63400	06123	84916	83820		817	33507	70258	03707	39460	05226	81914	83820		817	01101	042	pr	pr.			
Scilly	804	32419	72028	00510	32500	05216	83820			804	33109	72011	05109	32500	06229	83820			804	00101	052	+	+			
Culdrose	809	72420	65808	00208	794//	06022	82916	84820		809	33106	70028	03906	39400	04128	81916			809	02101	026	pr.ph.pr.	pr.			
Guernsey	894	62420	65151	03110	62502	05113	86820			894	62709	80258	04908	52402	05211	82710	84820		894	01101	018	prpr.	pr.pr			
Elmdon	534	62312	66018	95008	684//	05233	81818	86640		534	72507	62038	01406	784//	04235	83818	87630		534	97091	035	pr.	pr.			
Cardington	559	62514	67151	95907	68530	04122	81820	83635		559	22413	65028	01405	20930	04229	82360			559	97081	032	pr.	+			
Wittering	462	22515	70028	94607	28400	03223	81818			462	32808	80018	00805	25601	03230	82630			462	91081	044	pr.	pr.			
Watnall	354	32213	60251	93607	38400	05227	83814			354	22507	40048	00804	25600	03235	82630			354	97081	014	pr.	+			
Shawbury	414	52509	80011	94707	53400	05238	81919	83824	85640	414	33009	78018	01405	38500	03233	82820			414	97091	036	+	pr.			
Finningley	360	62414	63031	92108	68500	05126	84825	83635		360	02908	50048	99705	00900	03237				360	97081	039	pr.	+			
Spurn Point	396	42415	62021	92007	35670	05221	83640	84360		396	02915	60010	98706	00900	04238				396			+	+			
Leeming	257	42903	70028	91107	48500	04232	81820	84645		257	12711	82020	99303	15600	00240	81645			257	97071	038	pr.	+			
Tynemouth	262	12711	61021	90405	10930	03232	81358			262	02712	66020	98204	00900	02238				262	00061		+	+			
Carlisle	222	42806	60031	92004	48440	03246	82818	83635		222	12403	75010	99602	18500	00234	81820			222	00061	052	+	+			
Valley	302	72913	80031	95408	784//	06141	82812	86640		302	23107	80028	02407	22500	03233	82823			302	97091	032	pr.	+			
Ringway	334	72511	57258	93207	723//	05232	84709	86813		334	12704	56048	01205	18500	03236	81820			334	01081	015	pr.pr	pr.jf			
Squires Gate	318	13111	70018	93108	18400	06250	81818			318	13307	66021	00706	18500	04238	81822			318	91081	036	pr.	+			
Ronaldsway	204	72912	62808	94307	784//	05253	82814	86820		204	12911	80018	01206	12500	02234	81825			204	01081	028	ph.r.pr	pr.ph.			
Mull of Galloway	131	33620	84031	93307	22502	05247	82825			131	63610	84038	00505	685//	03235	84825			131	92071						
Eskdalemuir	162	40000	81031	91504	32440	01242	81715	83822		162	12913	81010	99101	12500	52330	81825			162	00047	056	+	+			
Prestwick	135	23310	83011	92705	22540	03245	82820			135	23106	70020	99902	25500	00237	81622			135	00063	032	+	+			
Abbotsinch	140	13007	82014	91605	18411	03239	81818			140	12507	80020	99101	18500	51234	81820			140	00053	059	+	+			
Leuchars	171	22612	82020	89603	11530	50234	81820			171	02715	86020	97103	00900	01236				171	00055	055	+	+			
Dyce	091	42913	86038	87504	18542	00233	81820			091	12613	86020	95103	15501	51239	81622			091	97056	048	pr.	+			
Lerwick	005	53006	75158	82003	29423	02216	81814	81920	84070	005	52709	80031	86204	39403	03221	81814	82910	83070	005	02052	008	r.r.	pr.pr			
Wick	075	72717	58808	85104	584/2	03226	81710	84815	87072	075	42922	70258	92003	28432	01234	82815			075	05051	001	pr.phr	pr.phrs			
Sule Skerry	010	83213	62808	84807	835//	05229	88920			010	73230	64258	91905	735//	04241	87920			010	05071						
Cape Wrath	049	53225	81818	86105	53400	05234	83915			049	43224	81278	94105	43400	04239	83915			049	01062	000	pr.prph.	phr			
Stornoway	02																									

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 filling depression to the northeast of the Shetlands has moved slowly northwards, and all districts of the British Isles have remained under the influence of a showery northwesterly airstream. During the next 24 hours the depression to the

northeast of the Shetlands will continue to move northwards and fill, while a ridge of high pressure extending northeastwards from an anticyclone in mid-Atlantic will cover western districts of the British Isles.

Issued at midday THURSDAY 9 DECEMBER 1976

No.

COMMON

Ca

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

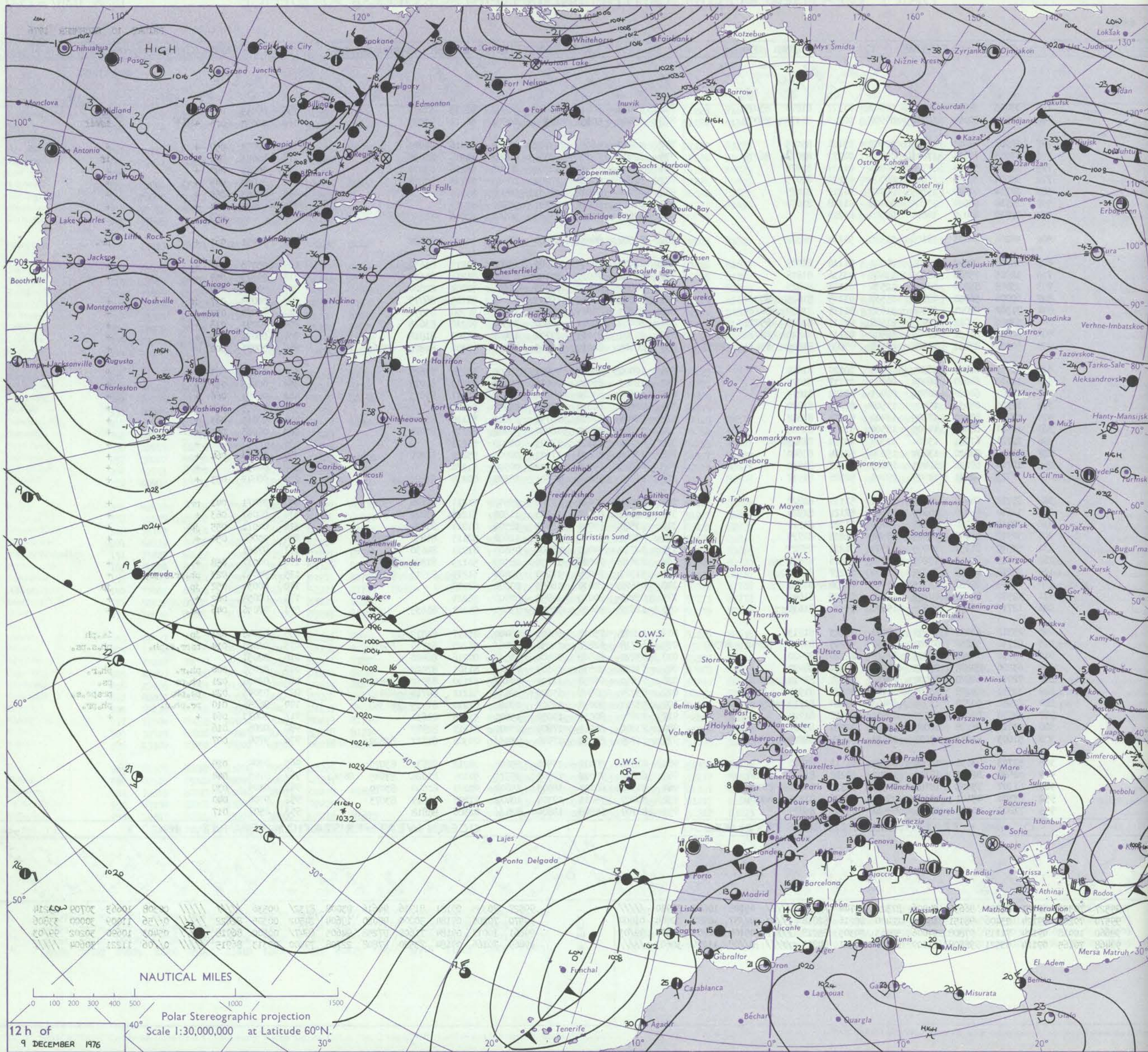
ISSN 0307-2541

No. 42022

Date of Issue FRIDAY 10 DECEMBER 1976

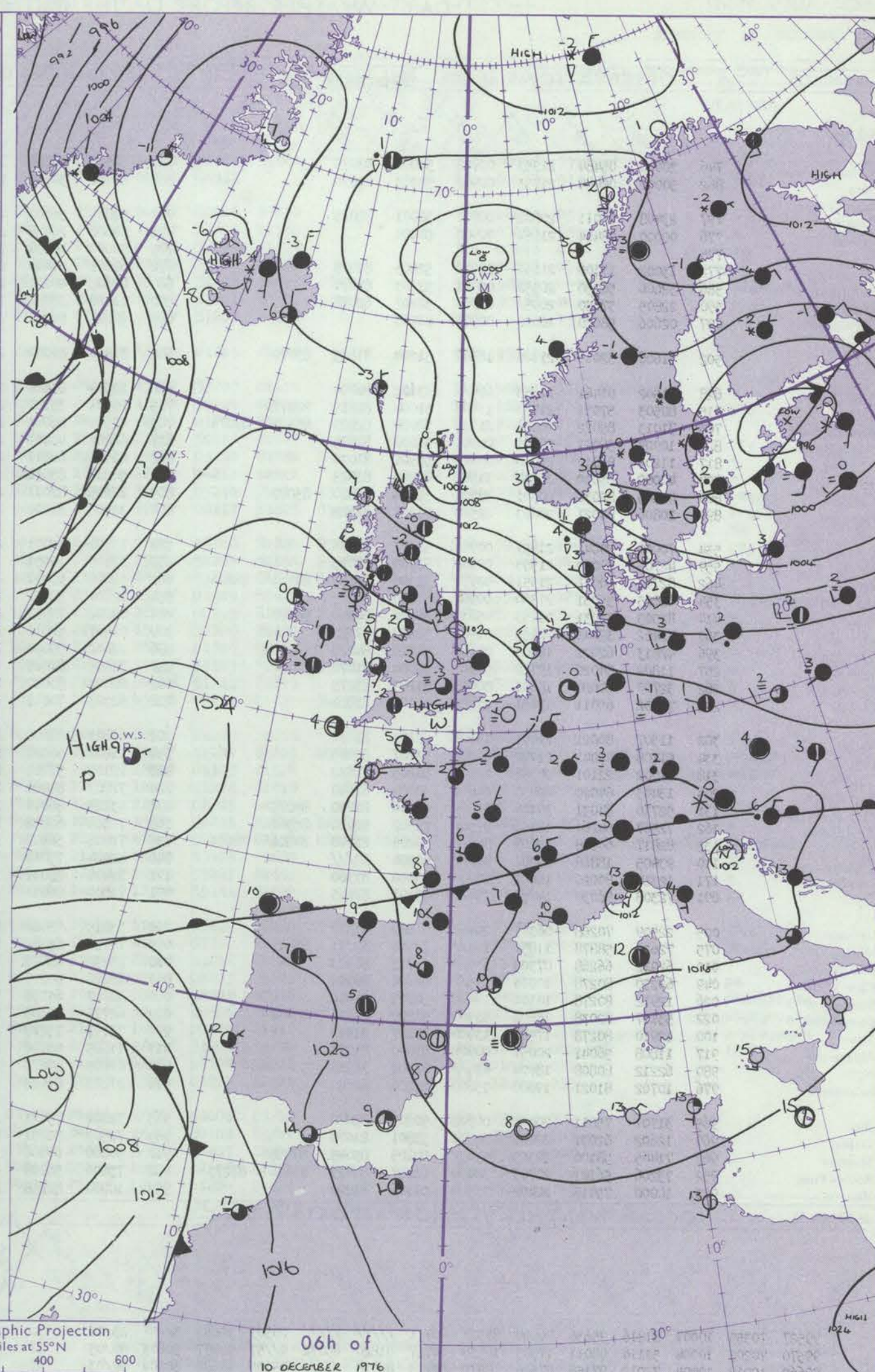
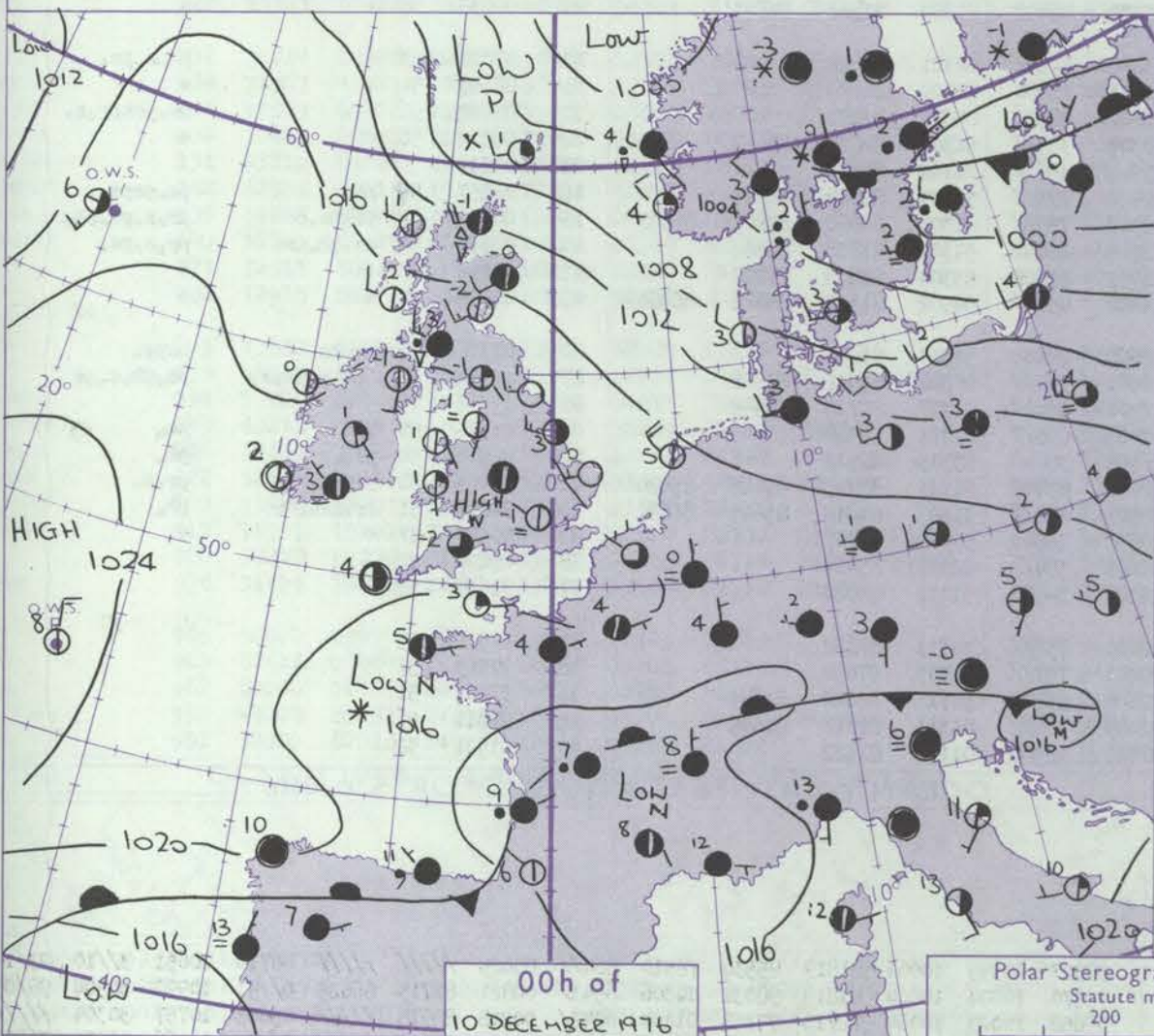
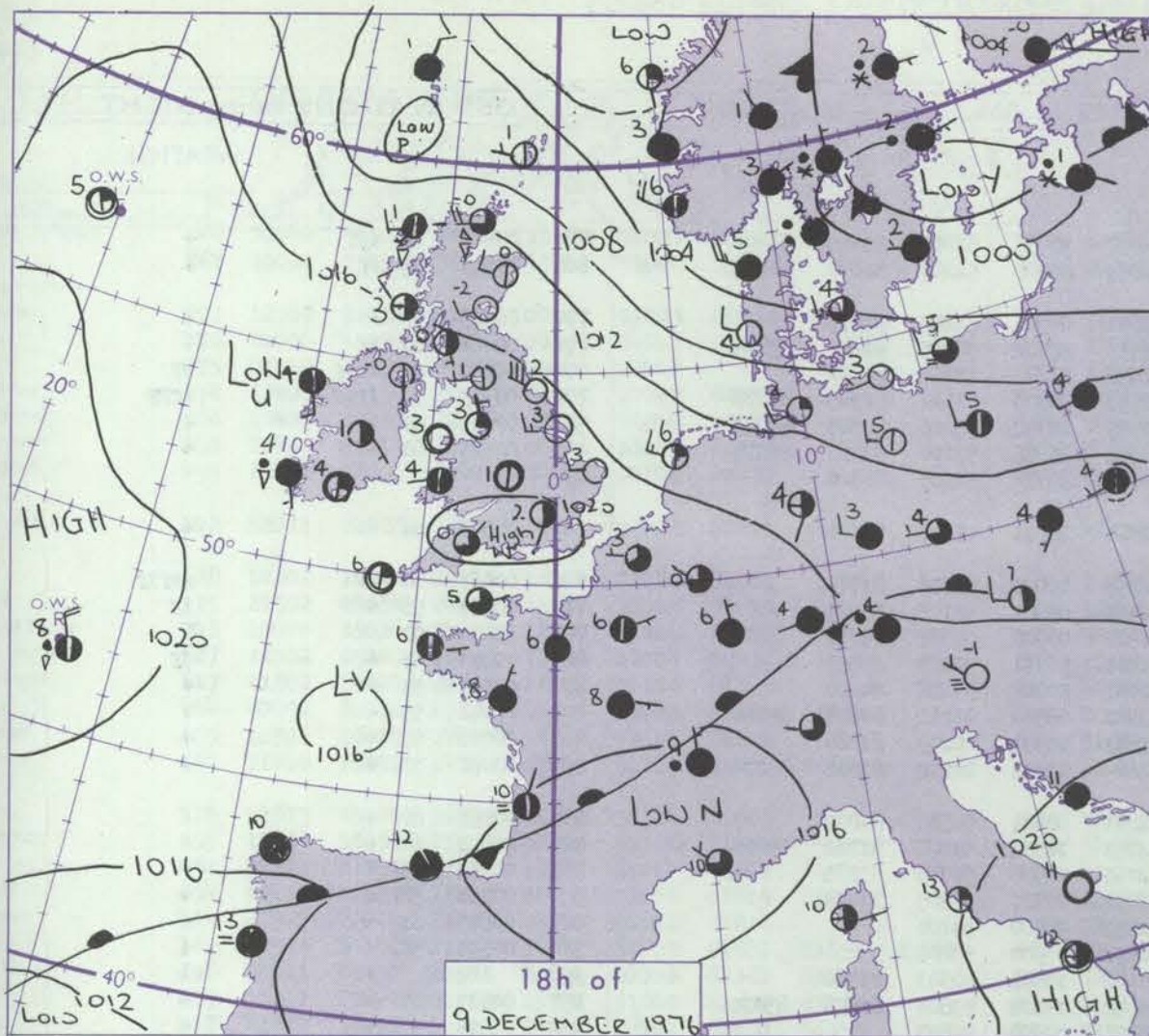
Code FM 11.D		OBSERVATIONS at 12h. 9 DECEMBER 1976										OBSERVATIONS at 18h. 9 DECEMBER 1976										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwWW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT T E	Sss	WEATHER			
																								09h.—15h.	15h.—21h.	
Boscombe Down		746	33405	59050	18502	00902	01117	81070	83077		746	20000	60011	20402	00902	01215	82075			746	00053	029	+	if		
Hurn		862	52502	50104	18702	00902	02219	81170	85075		862	53402	50401	20450	00902	50214	85075			862	00053	026	ff	if		
Thorney Island																										
Manston		797	52907	62021	16605	00908	03121	85275			797	42905	46051	19702	00902	00216	84070			797	00053	050	+	+		
Gatwick		776	63103	70034	17804	00908	02222	82075	86278		776	62401	75031	20351	00902	52315	83070	86075		776	00053	041	+	if		
Kew		775	12302	57054	17704	00901	01119	81075			775	32304	58050	20203	00901	00216	83075			775	00053	047	+	+		
Heathrow		772	22606	58050	17804	00901	02222	82075			772	42202	60030	20202	00902	01116	84078			772	00063	045	+	+		
Honington		586	12714	61020	15305	00902	00219	81075			586	02409	57010	18901	00900	51218				586	00053	065	+	+		
Wattisham		590	12914	68020	15504	00902	01118	81078			590	02811	60010	18701	00900	51219				590	00053	064	+	+		
Gorleston		497	02710	60020	14604	00900	01220				497	02608	60020	17603	00900	00216				497		062				
Aberporth		502	53206	88021	18106	51530	51114	85822			502	72502	86031	19804	785//	50212	86822			502	97071	061	+		pr.	
Filton		628	12906	59040	18306	00901	01116	81075			628	12402	50040	20201	15601	50215	81630			628	00073	057	+	+		
Rhoose		715	12905	75020	18605	11408	03116	81818			715	10502	75011	20102	15601	01211	81635			715	00073	059	+	+		
Hartland Point		703	23608	85020	18706	12530	01114	81825			703	20809	86010	19505	21501	52104	82820			703	00070	049				
Mount Batten		827	60000	56051	18904	15534	03115	81625	84072		827	60805	56042	19403	00902	01105	86075			827	00073	017	if	+		
St. Mawgan		817	71302	82021	19306	31638	01115	83830	86270		817	21305	80011	20002	15601	50208	81630			817	00073	033	+	+		
Scilly		804	52405	80012	19408	21538	02111	82825	85275		804	30000	80021	19806	35500	02210	83623			804	00091	018	+	+		
Culdrose		809	60605	81021	19005	38502	03113	81820	86070		809	20302	81011	19702	18401	01209	81818			809	00071	035	+	+		
Guernsey		894	80106	83032	18908	44517	03008	81825	83630	88273	894	60605	80012	19605	11532	01306	81820	83362	85072	894	00081	000	+	+		
Elmdon		534	12710	61040	16805	15700	00120	81650			534	10000	58040	19901	15500	51218	81625			534	00053	069	+	+		
Cardington		559	12610	64020	16904	00902	01117	81075			559	12509	66020	20051	00902	51219	81075			559	00063	057	+	+		
Wittering		462	12707	60020	16504	00901	01121	81075			462	12608	68020	19500	00901	51217	81075			462	00053	066	+	+		
Watnall		354	12705	65030	15905	11500	00218	81820			354	02603	60010	19301	00900	52118				354	97053	064	+	+		
Shawbury		414	12711	83020	17105	18400	01218	81818			414	22806	82020	19751	15602	53116	81635			414	00063	063	+	+		
Finningley		360	12911	68020	14305	18500	51218	81825			360	11804	58040	18450	00902	52319	81075			360	00063	064	+	+		
Spurn Point		396	12721	61021	13804	12500	00224	81825			396	02713	66010	17203	00900	50218				396		+	+	+		
Leeming		257	12815	84020	13804	15600	52124	81640			257	13502	86020	17501	00901	53222	81070			257	00053	064	+	+		
Tynemouth		262	12714	69026	12403	15600	51227	81630			262	02813	69020	16402	00900	51224				262	00033	+	+	+		
Carlisle		222	22713	82031	14003	29441	50126	81917			222	12707	75020	17501	18502	00218	81823			222	00043	053	+	+		
Valley		302	33012	84038	17706	22501	51119	82828			302	50000	80011	19703	25502	51211	82626	85075		302	97071	041	pr.	+		
Ringway		334	12810	65020	16605	13500	52121	81920			334	12502	60010	19203	11500	51211	81822			334	00061	063	+	+		
Squires Gate		318	12914	70150	15806	19400	01121	81918			318	23507	65021	18603	18501	01214	81822			318	00071	055	jp	+		
Ronaldsway		204	32917	89030	16605	33501	51223	81925			204	43006	81011	18804	12602	52113	81830	84075		204	00064	050	+	+		
Mull of Galloway		131	53510	84151	16003	53500	01228	85925			131	42715	84021	18304	45600	01214	84630			131	97061					
Eskdalemuir		162	12713	81018	13201	11500	53226	81824			162	22810	70020	17251	28500	54123	81822			162	00017	058	+	+		
Prestwick		135	23210	70238	14202	29500	01227	81920			135	51503	70038	17200	59400	51217	82915	83818		135	94043	023	ph,pr,s,pr.	+		
Abbotsinch		140	12404	80028	13303	18500	00230	81820			140	03602	70010	16651	00900	52218				140	00034	052	jp	jp		
Leuchars		171	12512	82010	10702	15600	52225	81640			171	02409	80010	14952	00900	55221				171	00035	062	+	+		
Dyce		091	12712	86018	08503	15600	53316	81630			091	12812	86030	12500	15601	54221	81635			091	97036	046	ps.	+		
Lerwick		005	23312	60151	02603	28430	00223	81813			005	12807	75017	05601	18400	01217	81812			005	01046	021	jp	is,ph		
Wick		075	52716	58858	07101	49360	50215	83708	82912	83360	075	62718	62878	11250	6946/	51225	82710	85912		075	02025	014	ps,pr,s,ph.	ph,s,ps.		
Sule Skerry		010	73210	74268	05803	735//	02120	87920			010	63224	66808	09404	635//	00216	86920			010	02051					
Cape Wrath		049	63226	80878	07103	635//	01234	84920			049	73226	808794													

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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7 or
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Obscure
fog or
drizzle
OTHER
Weather
Wind
and
drizzle
and snow
showers
and snow
showers
showers
Thunderstorms
ND
Wind
speed
(knots)
Calm
1-2
3-7
8-12
13-17
Additional
to be add
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 last 24 hours, a low off the Norwegian coast has moved slowly north. A shallow polar low formed near Iceland and moved steadily southeastwards to the north of Scotland. A ridge of high pressure remained stationary over the southern half of England during the period. A further ridge to the west of Ireland has moved slowly east. During the next 24 hours the

low over the Norwegian Sea is expected to move slowly southeastwards, filling a little and the polar low will continue southeastwards to Denmark. The ridge over southern England will move slowly south, and the Atlantic ridge will move eastwards into Ireland.

Issued at midday
FRIDAY 10 DECEMBER 1976

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

Code FM II.D		OBSERVATIONS at 00h. 10 DECEMBER 1976										OBSERVATIONS at 06h. 10 DECEMBER 1976										OBSERVATIONS during NIGHT						
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _M 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	VVwwwW	PPPTT	N _h Ch _h C _M 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	TgTg	WEATHER						
																						21h.—03h.	03h.—09h.					
Boscombe Down	746	30000	05484	21953	00902	54002	83075			746	60000	40104	22952	30938	52206	83365	85275		746	00543	57	1fr	+					
Hurn	862	30000	06484	21753	00902	54203	83070			862	60000	30104	22853	00908	54208	82070	86275		862	00553	59	fr	+					
Thorney Island																			797	00523	57	+	+					
Manston	797	23408	65011	20802	00901	50001	82075			797	52805	56101	21651	00901	52203	85075			776	00563	60	1r	+					
Gatwick	776	00000	08414	21654	00900	54104				776	60000	26054	22555	25702	56207	82650	85075		775	00553	59	1frff	FF					
Kew	775									775	90000	00494	22452	97777	53207	89777			772	00533	57	1r1F	1rFF					
Heathrow	772	13002	17100	21651	00902	52105	81078			772	62601	09414	22553	20936	53106	82365	85278		586	00533	59	+	+					
Honington	586	32606	56050	20552	00901	53203	83070			586	42605	40101	21553	20932	53206	82363	83075		590	00543	60	+	+					
Wattisham	590	22805	57050	20952	00901	52207	82078			590	72908	38051	21552	30938	53104	83360	86275		497									
Gorleston	497	02606	58020	20000	00900	51208				497	82607	60031	20951	80977	52205	88360												
Aberporth	502	31606	82018	21101	18502	51204	81825	83070		502	31810	81030	21501	20931	51201	82360			502	00503	54	+	+					
Filton	628	71502	01461	21653	660/8	53002	86700			628	10904	04414	22753	16000	55306	81700			628	00563	60	FF	FF1r					
Rhoose	715	80503	57051	21751	11407	51004	81815	88272		715	20505	35101	22451	00901	52105	82075			715	00523	58	+	1r					
Hartland Point	703	71013	85022	20504	21538	52000	82820	85360	87275	703	41509	85011	21802	00908	52307	84275			703	00010	00							
Mount Batten	827	10905	56021	20601	00901	51000	81075			827	60802	40401	21701	50951	50309	85359	83072		827	00513	55	+	1r					
St. Mawgan	817	11208	80010	21000	00901	52501	81070			817	41106	80011	22002	00908	53208	84270			817	00513	55	+	+					
Scilly	804	40000	83030	20704	31501	01205	83823			804	50000	83031	22104	28530	01211	81823	85360		804	00041	55	+	+					
Culdrose	809	40305	82030	20501	38501	51500	81820	83070		809	20205	82011	21802	10932	00209	81364			809	00003	55	+	+					
Guernsey	894	20806	84021	20603	22500	01201	82825			894	31208	81011	21605	11401	02212	81818	83075		894	00031	53	+	+					
Elmdon	534	70000	50041	21851	00902	52207	87075			534	11302	62021	22353	00901	54305	81070			534	00553	60	+	+					
Cardington	559	42705	59050	21553	00902	53105	84075			559	32606	60051	22253	10932	53104	81362	83075		559	00553	60	+	+					
Wittering	462	82707	60031	21551	40977	52106	81362	84465	88275	462	52708	40041	22153	00908	54003	85275			462	00533	55	+	+					
Watnall	354	62805	35051	21300	00902	52206	86075			354	12601	20051	22052	00901	53205	81078			354	00533	58	+	+					
Shawbury	414	82503	75031	21853	45637	54106	84645	88270		414	02202	70021	22253	00900	54104				414	00573	61	+	+					
Finningley	360	72402	35041	20451	00908	52208	87275			360	02507	50011	20552	00900	53001				360	00533	58	+	+					
Spurn Point	396	42813	62021	19803	00906	51208	84275			396	22612	59030	20502	10941	50303	81360			396			+	+					
Leeming	257	11802	84020	19752	00901	55004	81070			257	31302	84011	19552	15702	53803	81656	83070		257	00543	57	+	+					
Tynemouth	262	32709	80020	18801	00908	51205	83275			262	02504	81020	18701	00900	51803				262	00003	54	+	+					
Carlisle	222	31302	65011	19451	18532	52107	81820			222	62103	70011	19150	48442	51603	81818	84645		222	00533	58	+	+					
Valley	302	11307	80021	21001	15600	52103	81630			302	61813	82878	21005	62577	02101	86824			302	97001	53	+	ph.r.pr.					
Ringway	334	51706	45041	21400	00902	53207	85075			334	11808	60021	21551	15600	54000	81630			334	00523	54	+	+					
Squires Gate	318	11902	22101	20351	12502	51205	81822			318	22108	57261	20202	28500	00803	81820			318	01535	56	+	ps.pr.spr.s.					
Ronaldsway	204	13405	84020	20451	14601	53104	81640			204	72807	84021	20303	78577	51301	82824	86657		204	00523	56	+	+					
Mull of Galloway	131	52710	84031	19604	15605	00104	81630	85075		131	43215	86011	19904	45600	01102	84630			131	00011								
Eskdalemuir	162	72507	64261	18851	29567	53302	82920	85362		162	72304	62858	18850	79377	51301	82708	86917		162	02557	59	ps.	ps.psps.					
Prestwick	135	82817	60808	18603	88377	00206	81708	84816	88635	135	72815	56808	18603	79577	01501	82920	83825	87650	135	04501	51	pr.ps.ps	pr.s.pr.ph.					
Abbotsinch	140	93005	18868	18301	97777	00304	89777			140	42904	75018	18200	18432	51301	81818	83362		140	03516	55	ps.ph.prs	pr.s.ps.					
Leuchars	171	12314	80020	16452	10930	53400	81360			171	72410	82031	16952	25608	53304	82630	87272		171	00535	57	+	+					
Dyce	091	72308	86030	14750	75677	55101	87645			091	72309	86031	14450	45657	54502	81630	84645	86360	091	00525	54	+	+					
Lerwick	005	22509	70268	06301	29400	51802	81912			005	33615	65018	06600	29403	51314	81912			005	01526	55	ps.ps	psps.					
Wick	075	72620	58878	11851	79477	52301	82711	86915		075	73124	65268	11001	79477	00302	83912	85818		075	19526	55	ph.s.psps.	ps.ph.s.ps					
Sule Skerry	010	62932	66268	07303	63577	02719	86920			010	83230	48688	12301	57427	01337	85715	88458		010	05012	00							
Cape Wrath	049	63230	80278	10003	63577	02204	86920			049	63224	80278	13403	63577	02221	86920			049	01505	50	ph.r.	ph.					
Stornoway	026	12912	80278	14301	19400	54205	81912			026	32809	65158	16301	39400	53315	82912			026	92516	54	ph.	ph.					
Benbecula	022	53117	82038	16603	58500	51208	81820	85630		022	62715	72268	18002	43402	01111	82915	83625	85070	022	01005	51	pr.s.	pr.s.					
Tiree	100	12910	80278	17502	13400	50107	81917			100	73117	75278	18503	78477	51305	81818	83625	86637	100	94015	51	pr.ph.ptr	ph.					
Aldergrove	917	11808	56041	20051	00901	53000	81075			917	11605	56100	20853	15340	54302	81707			917	00553	57	+	+					
Malin	980	62212	80808	18604	63477	01302	86919			980	62805	80278	19603	59473	02305	85918			980	09021	52							
Belmullet	976	10702	81021	19800	15600	51206	81640			976	31203	81038	21300	39500	51111	83920			976	91533	56							
Birr	965	31707	75011	20401	00902	50203	83070			965	72102	75021	22001	75677	50311	87632			965	97513	55							
Dublin	969	12602	62031	20401	00901	53801	81070			969	72509	80031	20801	75777	51303	87650			969	97503	57							
Shannon	962	71405	58106	20505	55677	00105	85645	84358		962	50000	60106	22100	55500	50311	82620	83635		962	97003	51							
Roches Point	952	73206	56101	20703	38408	02207	81819	83640	87273	952	73106	56108	22003	78477	01311	81817	87645		952	97011	51							
Valentia	953	10000	75018	20402	11500	01106	81822			953	10000	82258	22501	12500	01114	81822			953	01501	52							

OCEAN WEATHER STATION REPORTS at 00h.															OCEAN WEATHER STATION REPORTS at 06h.														
Code FM 21.D																													
O.W.S.	99L _a L _a L _a	Q _c L _o L _o L _o L _o	YYGGiw	Nddff	VVwwwW	PPPTT	N _h L _h C _M C _H	D _s yapp	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	VVwwwW	PPPTT	N _h L _h C _M C _H	D _s yapp	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 M R	99527	70355	10001	81816	95636	86609	8732/	00751	////	////	00509	10652	3//07	23/14	C M R	99527	70355	10061	81819	95536	78510	864//	00625	////	////	00710	10651	3//10	23/14
	99570	70205	10004	52114	98011	17505	18538	00717	81820	85072	0//57	10997	30603	99/05		99570	70204	10064	81818	98032	14306	6543/	00821	82715	86625	0//51	10999	30504	99/05
	99660	10019	10004	72012	97158	97506	69470	00213	86918	////	05204	10680	30202	99/03		99658	10023	10064	72716	97258	01104	6947/	00218	86918	////	05603	10757	30304	////
	99470	70167	10004	13616	98028	25908	18400	00109	81815	////	0//05	11204	30605	////		99473	70169	10064	40306	98030	26308	45400	00103	84615	////	0//03	11166	30000	36804

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

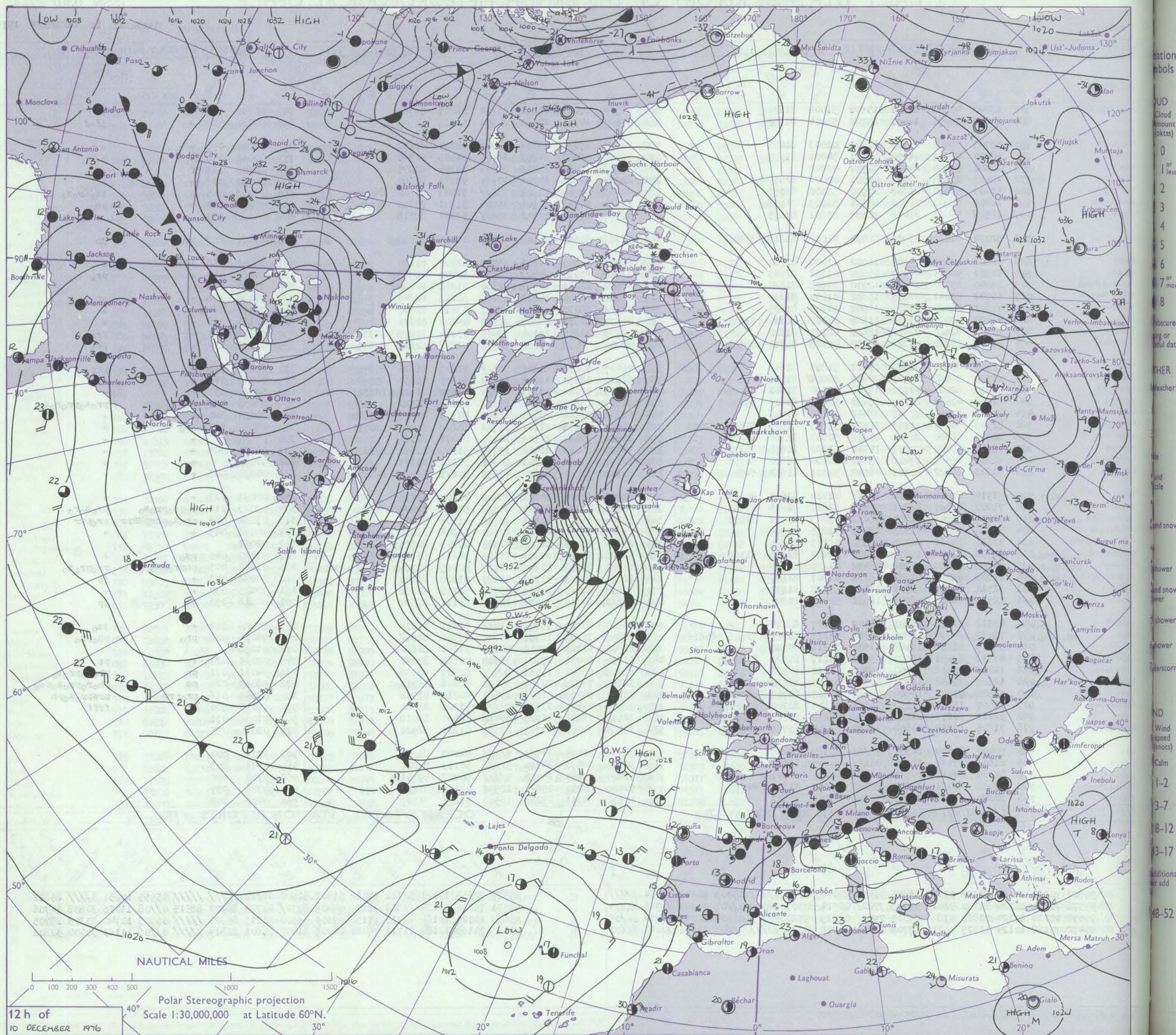
ISSN 0307-2541

No. 42023

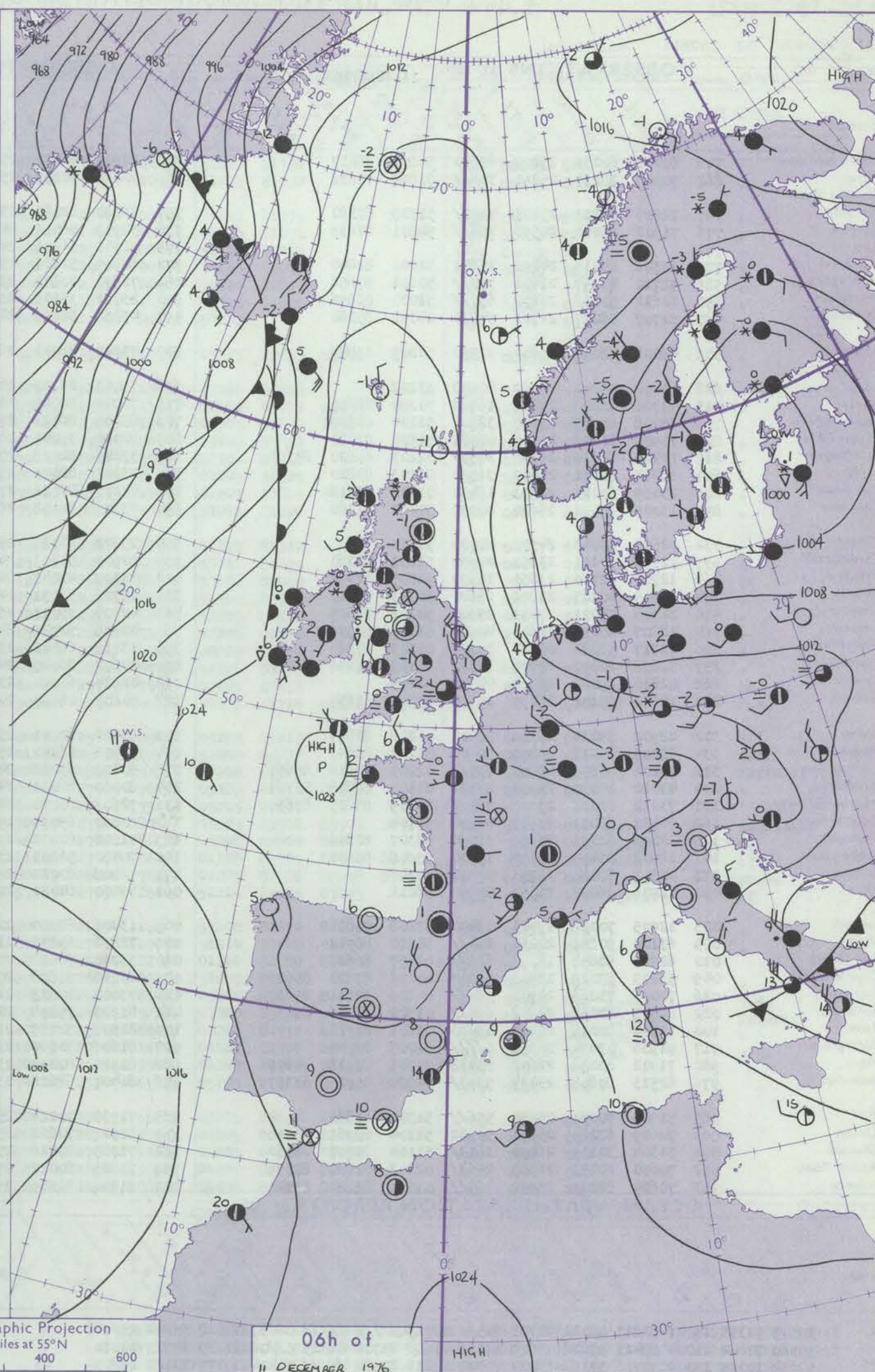
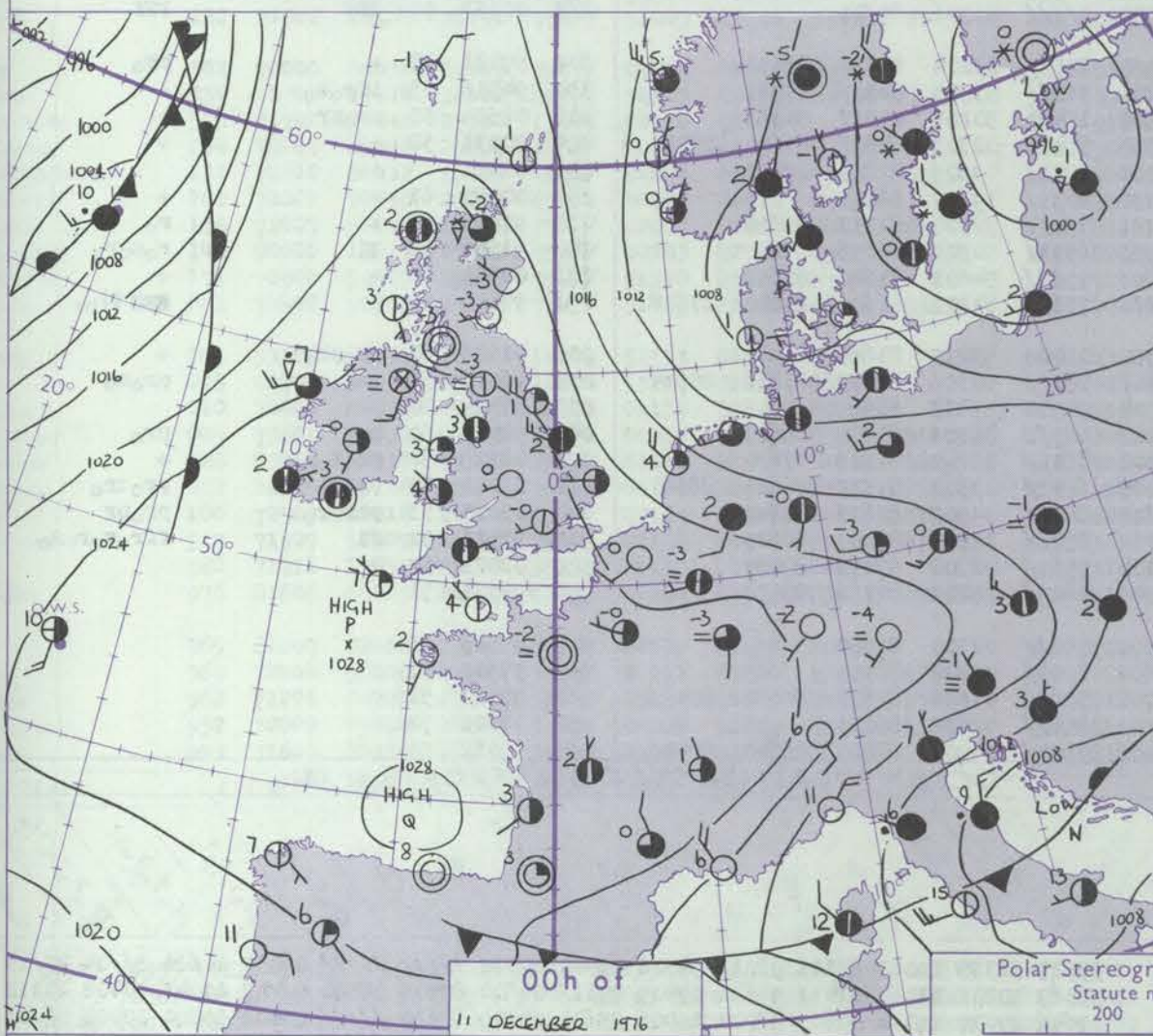
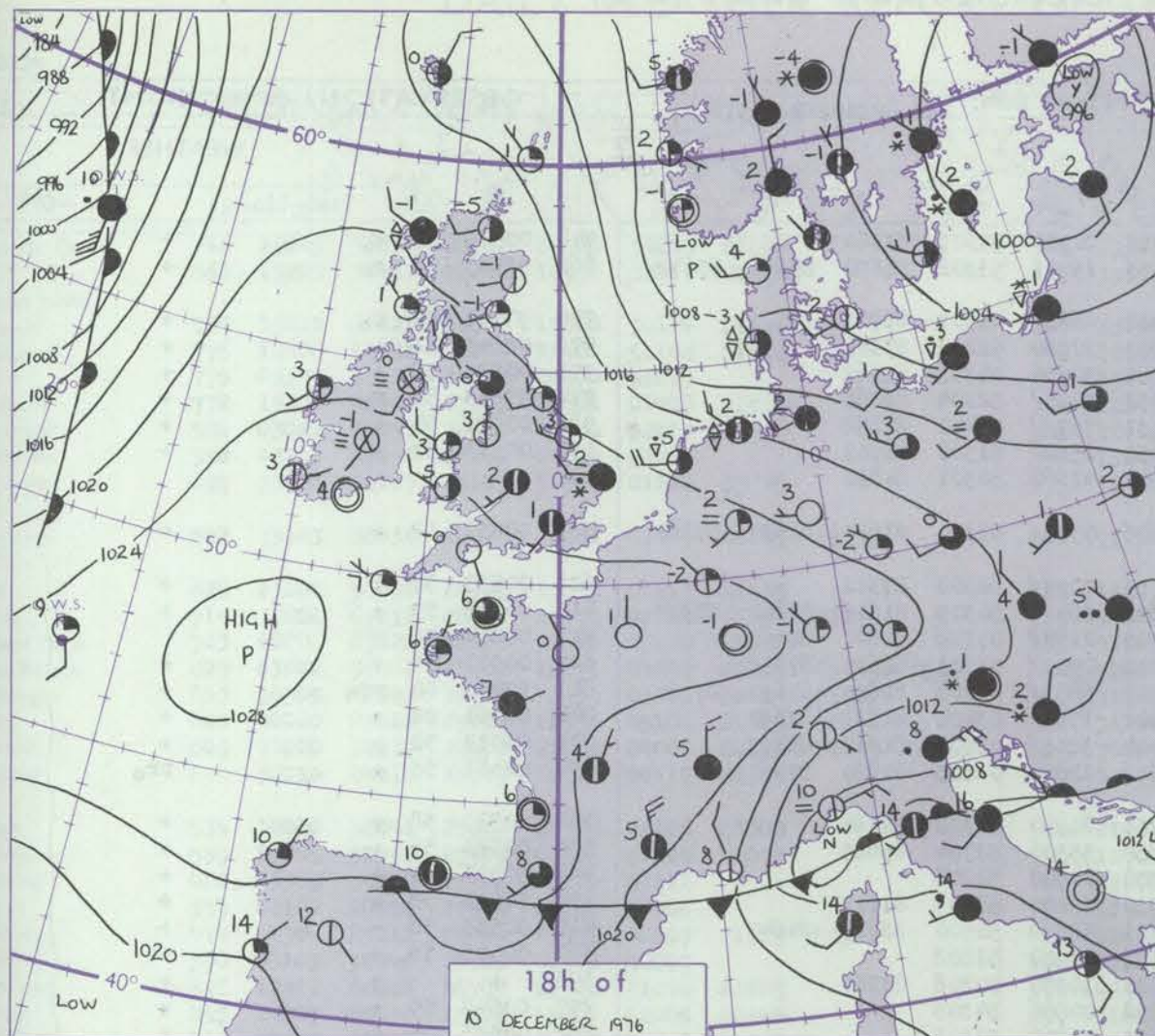
Date of Issue SATURDAY 11 DECEMBER 1976

OBSERVATIONS at 12h. 10 DECEMBER 1976										OBSERVATIONS at 18h. 10 DECEMBER 1976										OBSERVATIONS during DAY									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _s h _s	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 _s h _s	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	10000	40401	24301	15602	51004	81640			746	12702	60020	25351	15600	51207	81640			746	00043	071	ff		+					
Hurn	862	10000	35051	24401	15700	51004	81650			862	00000	14101	25551	00900	51111				862	00033	019	+		ff-f					
Thorney Island																													
Manston	797	12705	37051	23403	00901	01003	81075			797	72409	59031	23801	00902	52104	87072			797	00043	056	+		+					
Gatwick	776	10000	45051	24102	00901	54001	81075			776	12406	56050	24853	10931	54105	81360			776	00053	059	+		+					
Kew	775	00000	18054	24001	00900	00002				775	12205	57050	24201	00901	52104	81075			775	00043	062	f		+					
Heathrow	772	12403	18054	24002	00901	00002	81075			772	22304	60020	24201	10931	52004	81360			772	00053	058	+		+					
Honington	586	12407	56050	22602	00902	52000	81072			586	72611	40701	22502	755//	51103	83620	86630		586	92043	045	+		is _o -ro _s o					
Wattisham	590	12408	48051	22902	00901	51003	81075			590	62512	60031	22701	35702	51201	83650	85070		590	97033	062	+		pho					
Gorleston	497	12508	46051	21402	00901	00802	81075			497	82708	64686	21702	864//	51204	88718			497		057								
Aberporth	502	52010	81028	23403	58400	02002	81818	85645		502	42912	81018	24105	42400	01209	84818			502	97061	028	pro		jp					
Filton	628	12602	10044	24102	16000	01000	81701			628	12203	50040	24801	15700	53207	81650			628	00041	038	FF1f		+					
Rhoose	715	10502	40054	24403	15600	01004	81645			715	12202	83010	24503	18400	50004	81818			715	91063	052	+		pro					
Hartland Point	703	20000	85020	24207	12530	52105	81820			703	40000	82011	24907	42500	01211	84820			703	97070	065								
Mount Batten	827	11002	25041	24105	15600	01004	81630			827	20000	50040	25502	25600	50211	82645			827	97083	056	+		pro					
St. Mawgan	817	11802	84020	24606	18500	00106	81825			817	42602	86020	25804	48500	03210	82820			817	00091	064	+		+					
Silly	804	40000	83031	25110	12569	04008	81820	83360		804	22907	82021	26207	22572	04210	82820			804	00101	046	+		+					
Culdrose	809	10501	82020	24406	18500	02107	81820			809	52606	82808	26104	39430	03210	81915	83362		809	97072	061	+		pro					
Guernsey	894	71408	75022	24306	65532	52108	81720	86645		894	60000	82038	26006	685//	02212	82825	85635		894	97071	011	+		pro					
Elmdon	534	12307	65010	22903	15642	51804	81645			534	72405	50251	23802	785//	50208	81820	87643		534	97041	068	+		pro					
Cardington	559	12510	56050	23503	00902	50000	81075			559	62510	58051	23601	15732	50104	81650	85363		559	00043	046	+		+					
Wittering	462	22610	62031	22902	15602	53000	81640			462	62709	57041	23101	685//	51204	81825	86650		462	00033	050	+		+					
Watnall	354	62404	40051	22202	28432	53806	81815	85070		354	82603	25608	23102	855//	01209	88620			354	95033	021	+		proso _s pro _s ro _s so					
Shawbury	414	22507	80020	22703	28442	00801	81818			414	52606	70011	23801	28442	00109	81818	83362		414	00053	040	+		+					
Finningley	360	72506	60041	21103	38672	51803	81830	83650	87073	360	32805	40048	22101	15702	50208	81650	83075		360	97033	013	pro		+					
Spurn Point	396	32511	62030	20903	20971	50703	82360	83075		396	32814	50021	21303	20971	01206	82360			396			+		+					
Leeming	257	72302	65021	20202	15742	51602	81650	87070		257	72910	80022	21402	1573/	51307	81650	87363		257	00033	007	+		+					
Tynemouth	262	62812	69021	19402	2563/	00400	82630	86359		262	32711	69021	21201	00908	51211	83275			262	00033		+		+					
Carlisle	222	53303	65022	20201	48542	50301	81822	84643		222	62902	60022	21800	45532	50211	81624	84650		222	00023	005	+		+					
Valley	302	72914	82028	22606	784//	02104	83814	85818		302	32908	81021	24003	38400	01209	82816			302	00071	025	+		+					
Ringway	334	71907	45027	22201	58431	52802	82815	85635		334	62102	40028	23202	655//	51207	82625	86640		334	03023	012	sopsoproso		proso _s ro					
Squires Gate	318	72509	65808	21004	794//	03000	83712	85917		318	13604	66018	22203	18502	01108	81824			318	03064	002	proso _s phrprhrpr		prophr					
Ronaldsway	204	32813	86031	21505	28441	01205	82819			204	13009	86010	22803	12440	01008	81818			204	00061	045	+		+					
Mull of Galloway	131	53210	84031	21105	52500	02105	85825			131	23212	83011	22203	22500	02305	82825			131	00051									
Eskdalemuir	162	62506	68018	19801	23571	52202	81920	83362		162	50000	65031	22053	35670	54211	83645	83362		162	91027	040	ps		+					
Prestwick	135	61203	50048	20202	58432	01106	83818	84640		135	61602	35268	21701	682//	50109	81704	83808	85656		135	01043	005	phprophoro		proproso				
Abbotsinch	140	32505	65028	20002	18431	01307	81815			140	12604	60041	21351	15730	53308	81650			140	00036	043	+		jp					
Leuchars	171	32511	86011	18301	18432	53307	81815			171	22612	82010	20651	25700	55213	82650			171	00025	030	+		+					

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

An anticyclone to the southwest of the British Isles has moved slowly east, now centred near Brest. An associated ridge of high pressure from the centre along the English Channel has moved south into central France. A low over the southeast Baltic has moved slowly east, maintaining an unstable northwest airstream over the North Sea and eastern Britain. A shallow depression near Shetland yesterday morning has moved southeast and filled but its residual trough still persists along the

northern coast of Germany and the Low Countries. During the next 24 hours the anticyclone near Brest and an associated ridge of high pressure to Shetland will remain almost stationary. Low pressure over the eastern Baltic will also persist and the unstable northerly airstream between these two systems will continue across the North Sea and eastern districts of the British Isles.

Issued at midday SATURDAY 11 DECEMBER 1976

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

Code FM II.D		OBSERVATIONS at 00h. 11 DECEMBER 1976											OBSERVATIONS at 06h. 11 DECEMBER 1976											OBSERVATIONS during NIGHT				
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 _n T _n E	T _g T _g	WEATHER						
																						21h.—03h.	03h.—09h.					
Boscombe Down	746	60000	60031	25100	65600	52801	86637			746	22901	40101	25951	20930	51301	82360			746	00523	57	+	+					
Hurn	862	70000	28211	25251	756//	51802	87633			862	70000	30102	25853	15731	53302	81650	85362	85070	862	97543	58	ro	+					
Thorney Island																												
Manston	797	72809	68212	23201	7097/	51703	87360			797	73210	62021	23402	6633/	01501	86708			797	97011	52	ro	+					
Gatwick	776	71502	59021	24550	756//	52801	87635			776	32903	58011	24751	30930	52202	83362			776	00543	58	+	+					
Kew	775									775	52505	56101	24751	50930	51303	85362			775	00533	58	+	+					
Heathrow	772	12506	65016	24250	15601	51000	81640			772	62804	50101	25052	6095/	52304	86365			772	97533	57	ro	+					
Honington	586	72710	40057	22401	757//	50801	87656			586	72810	20101	23051	757//	52400	87656			586	00523	54	+	+					
Wattisham	590	62612	50058	22600	657//	51000	86656			590	23012	35101	23150	25100	51500	81702			590	00513	53	+	+					
Gorleston	497	52707	58037	21701	50930	00102	85360			497	43008	58031	22201	41600	50301	84830			497									
Aberporth	502	43001	81031	25604	28530	50205	81823			502	73211	82011	26306	5557/	01304	83620	83630	87360	502	00031	52	+	+					
Filton	628	00000	30040	25352	00900	53202				628	73003	25101	26151	7097/	52303	87361			628	00533	57	+	+					
Rhoose	715	13302	66028	25701	15700	50304	81650			715	73302	80021	26601	18438	50305	81816	83362	87275	715	00503	57	+	+					
Hartland Point	703	33008	86020	25607	32500	51204	83820			703	83305	86021	27005	2157/	03106	82820	88360		703	00050	02							
Mount Batten	827	10902	30048	26100	00901	51500	81070			827	70000	35041	26502	2553/	01301	82625	87358		827	00513	54	+	+					
St. Mawgan	817	63308	84031	26605	3853/	02203	81820	84360		817	73606	82018	27005	5853/	01203	82820	83630	87360	817	97031	00	pro	+					
Silly	804	33004	82011	27407	31500	03103	83820			804	73103	82021	27707	1553/	03400	81623	87360		804	00061	02	+	+					
Culdrose	809	23009	80028	26803	18430	01302	81818			809	73207	80021	27004	3843/	02602	81812	85357		809	00013	52	+	+					
Guernsey	894	13005	84021	26804	10930	50000	81360			894	73308	84258	26206	1253/	02805	81820	87360		894	92031	55	+	pro					
Elmdon	534	02505	40041	24500	00900	51104				534	23003	64010	25251	20930	52302	82360			534	00523	58	+	+					
Cardington	559	32709	50101	23850	20932	51801	82360			559	52909	50101	24850	55500	51304	85625			559	00523	56	+	+					
Wittering	462	12709	32101	23851	10930	51205	81362			462	03109	40041	24900	00900	51208				462	97513	54	+	+					
Watnall	354	12705	40107	23801	15600	50303	81640			354	12702	58051	24950	15400	51207	81615			354	97513	58	+	+					
Shawbury	414	22706	75021	25053	25500	53302	81625			414	42705	75011	25451	48530	52500	82820	84640		414	00533	58	+	+					
Finningley	360	42807	45041	22600	40932	51105	84359			360	02906	50041	24151	00900	51208				360	00523	56	+	+					
Spurn Point	396	72817	58021	21902	7097/	01203	87360			396	13118	66021	23101	10970	00206	81360			396	+	+	+	+					
Leeming	257	32808	84011	22400	15732	53103	81656	83360		257	00602	86020	24352	00900	54306				257	00543	59	+	+					
Tynemouth	262	02810	69020	22300	00900	52105				262	02814	69020	23951	00900	53103				262	00523	54	+	+					
Carlisle	222	12802	35101	23153	15700	53209	81650			222	90802	01454	24753	9//	53306	89/01			222	00533	59	FFF	FFF					
Valley	302	22902	75031	25303	22400	01206	82814			302	83008	82801	25905	885//	03204	84820	88650		302	97021	55	+	pro					
Ringway	334	52205	05416	24200	35600	51202	83645			334	71903	18047	25201	763//	51305	82708	87711		334	94516	53	ifroso	+					
Squires Gate	318	73206	70258	23603	794//	02205	82918	86650		318	50000	65038	24600	18430	50207	81817	84363		318	02524	55	propr	+					
Ronaldsway	204	43010	86030	24104	22431	01105	82818	83364		204	80000	86031	24804	5847/	02303	84817	83650	88361	204	00031	52	+	+					
Mull of Galloway	131	73212	82031	23903	785//	03209	83825	87630		131	72601	83032	24704	1251/	03305	81825	87460		131	00021								
Eskdalemuir	162	00000	65011	23557	00900	58104				162	60000	65031	25257	6093/	59307	86361			162	00587	61	+	+					
Prestwick	135	10000	62021	23353	18430	53307	81818			135	71302	80031	23751	754//	52000	82712	86614		135	97543	56	+	ro					
Abbotsinch	140	12502	25400	23356	15600	55308	81630			140	70000	56101	23953	6														

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42024

Date of Issue SUNDAY 12 DECEMBER 1976

Code FM II.D		OBSERVATIONS at 12h. 11 DECEMBER 1976										OBSERVATIONS at 18h. 11 DECEMBER 1976										OBSERVATIONS during DAY					
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 _h T _h E	SSs	WEATHER				
																							09h.—15h.	15h.—21h.			
Boscombe Down		746	13003	56050	28202	15600	54209	81640			746	23302	58050	30101	10931	51110	81360				746	00043	067	+	+		
Hurn		862	23205	50051	28104	10931	02007	81362			862	13101	40100	30251	10931	51112	81360				862	00053	056	+	+		
Thorney Island																											
Manston		797	13211	60021	25603	15600	50110	81635			797	13209	62020	28402	00901	50217	81075				797	00043	068	+	+		
Gatwick		776	13608	59021	27103	11400	51108	81818			776	12502	60020	29652	00902	53214	81075				776	00043	061	+	+		
Kew		775	03304	57051	27303	00900	51209				775	13203	58050	29551	00901	52112	81075				775	00043	068	+	+		
Heathrow		772	13304	59051	27303	18601	01008	81830			772	12603	56050	29601	00901	51113	81075				772	00040	065	+	jf		
Honington		586	03011	57051	26301	00900	52111				586	12706	50020	28752	00901	53214	81075				586	91023	051	+	+		
Wattisham		590	03213	50050	26401	00900	52214				590	13009	56050	28551	00902	53216	81075				590	00023	067	+	+		
Gorleston		497	33008	56017	25103	32500	01212	83825			497	02908	66010	27602	00900	50213				497		054					
Aberporth		502	73503	88031	28007	28531	03107	82825	86359		502	71706	82032	29104	70977	03207	82359	87362			502	00071	011	+	+		
Filton		628	23102	56051	28306	15631	01111	81635			628	11303	50051	30100	15731	51211	81656				628	00073	050	+	+		
Rhoose		715	71002	67031	28406	11579	02110	81822	87175		715	80000	75022	29904	11537	02110	81825	88359			715	00080	057	+	+		
Hartland Point		703	60206	87022	28608	52641	03209	85830			703	71505	87022	29605	15677	02307	81630	87360			703	00080	037				
Mount Batten		827	63002	58042	28407	18571	03007	81825	83359	85367	827	70000	40042	29605	70977	03107	87360				827	00071	028	+	+		
St. Mawgan		817	50505	86022	28707	21539	03108	82825	83362		817	71706	70022	30105	70977	02109	87362				817	00081	011	+	+		
Scilly		804	40000	83011	29009	11571	05106	81825	83360		804	31204	80020	29807	28571	03105	81825				804	00101	046	+	+		
Culdrose		809	70000	82032	28607	21472	04006	82812	84459	86360	809	70805	75022	30905	11477	04207	81818	85360			809	00080	008	+	+		
Guernsey		894	30210	84018	28507	21532	00110	82825			894	20403	75011	30304	11531	51011	81820				894	00071	028	+	+		
Elmdon		534	10000	58041	27803	18300	02106	81808			534	21602	35041	29850	20931	51210	82362				534	00053	042	+	+		
Cardington		559	13205	50051	27503	00901	50109	81075			559	12706	25100	29652	00901	52112	81075				559	00043	068	+	+		
Wittering		462	03309	59040	27502	00900	52111				462	12606	12280	29553	00901	53108	81080				462	97033	064	+	if		
Watnall		354	02102	20050	27504	00900	50006				354	62704	25041	29301	60937	51108	86360				354	00053	006	+	+		
Shawbury		414	62504	83011	28004	15531	02107	81625	86361		414	12402	20111	29751	15401	52207	81616				414	00053	031	+	+		
Finningley		360	03103	38040	26803	00900	50007				360	72202	15041	28251	25757	52206	82656	86360			360	00043	051	+	+		
Spurn Point		396	12912	60020	26702	12500	51214	81825			396	42709	57020	28002	40950	00009	84360				396			+	+		
Leeming		257	23105	89030	26702	15601	51005	81640			257	81602	60041	28201	85777	51208	88656				257	00033	049	+	+		
Tynemouth		262	62710	60031	26702	60937	53208	86358			262	72808	61028	27703	70977	02105	87358				262	91032		pr _o	ir _o		
Carlisle		222	71502	26204	26751	75477	51003	82710	83622	87656	222	81102	50047	27900	85477	50106	81714	83618	88628		222	92013	000	ff	r _o s _o		
Valley		302	70000	84038	27707	38477	04006	82816	87359		302	81711	80032	29007	85477	05205	88618				302	00071	001	+	+		
Ringway		334	40902	07414	28101	25230	51107	81705	83360		334	90602	01454	29851	97777	52207	89777				334	00025	032	ff1f	ffff		
Squires Gate		318	21502	20041	27304	15631	02110	81630			318	91206	00434	28650	97777	50208	89777				318	97041	015	ff	FFffdrif		
Ronaldsway		204	70000	84022	26806	18537	04106	81820	87359		204	70000	82012	27906	78477	05108	81715	87657			204	00071	000	+	+		
Mull of Galloway		131	72610	84032	26406	48577	04211	81825	83630	87360	131	70000	84022	27406	75677	05206	87630				131	00071					
Eskdalemuir		162	71002	70038	27053	65471	54006	81710	86650		162	80000	30057	27900	87177	51305	83702	86704	88713		162	91017	010	ps _o is _o	is _o r _o s _o off		
Prestwick		135	72007	56606	25703	75477	02007	82614	84620	85645	135	81303	40216	27004	86277	03208	82704	88708			135	94051	000	r _o r _o r _o	r _o		
Abbotsinch		140	80000	15617	25800	85377	50103	82708	85620	88650	140	80000	11286	27001	86277	01108	81703	83704	88705		140	96015	000	r _o r _o	ifir _o		
Leuchars		171	72904																								

NAUTICAL MILES

0 100 200 300 400 500 1000 1500

12 h of
11 DECEMBER 1976

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

12 h of
11 DECEMBER 1976

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

ation
nols

Cloud
Amount
(oktas)

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

Weather

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shower
and snow

shower

derstorn

ND
Wind

(knots)
Calm

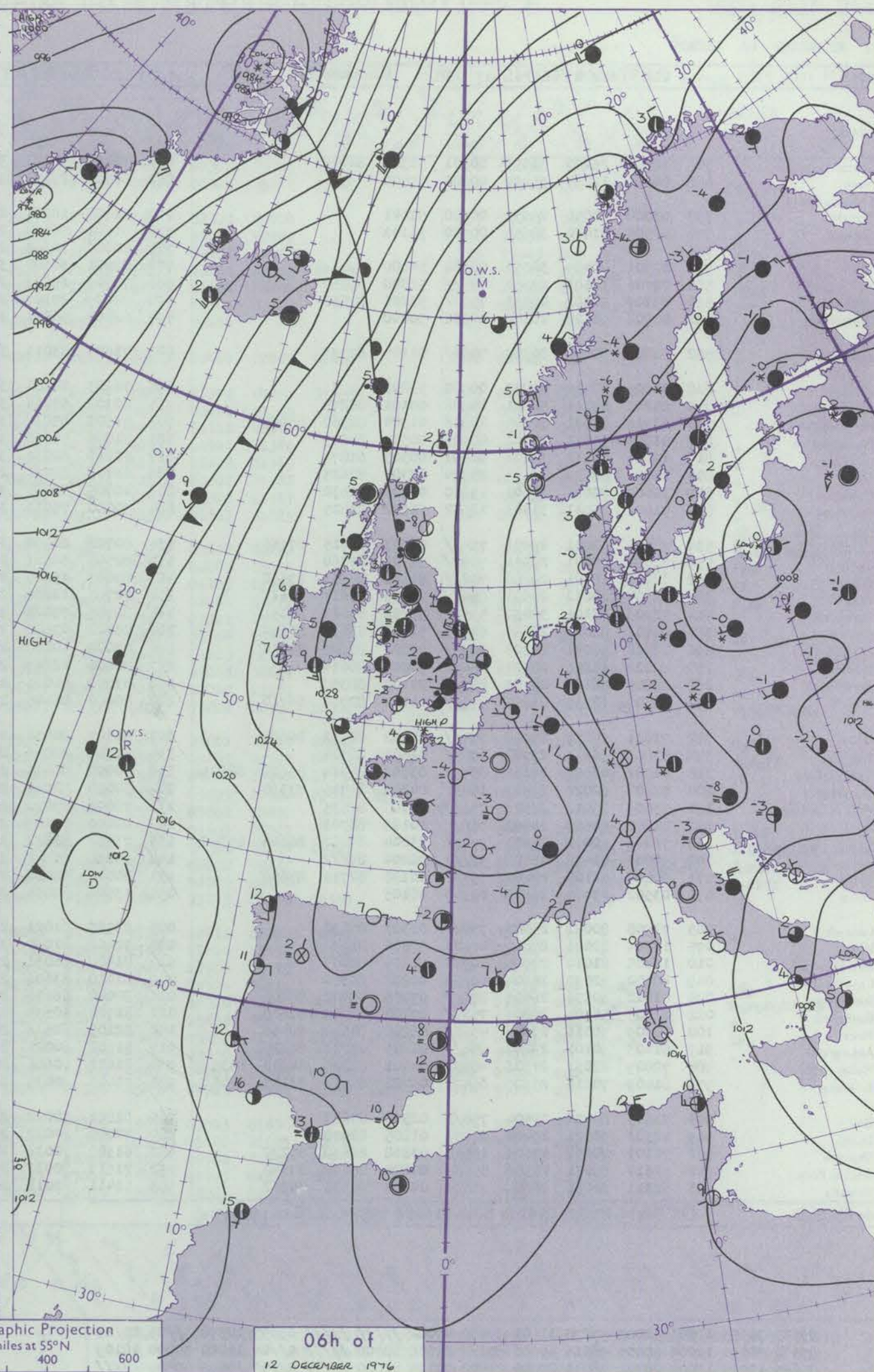
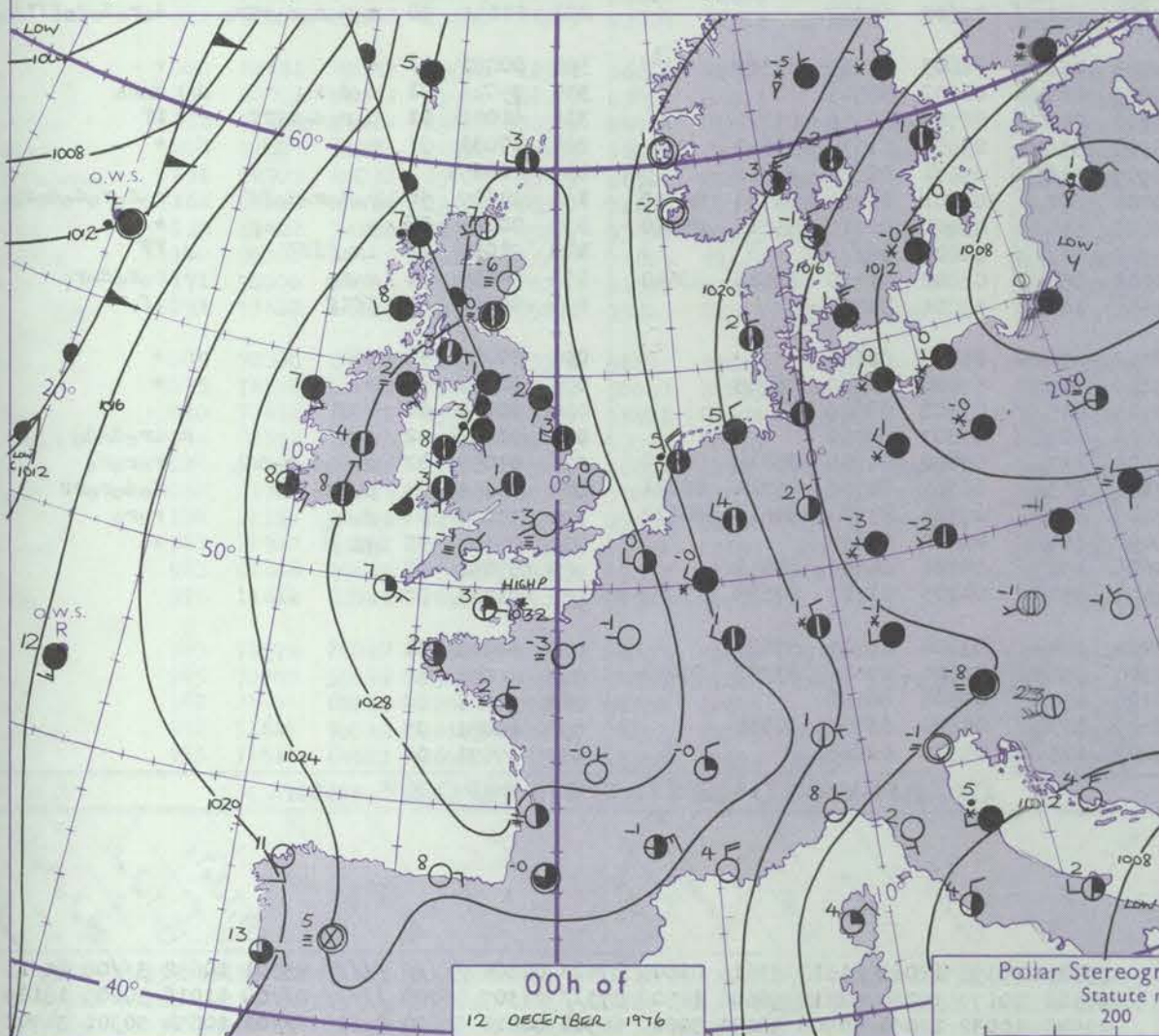
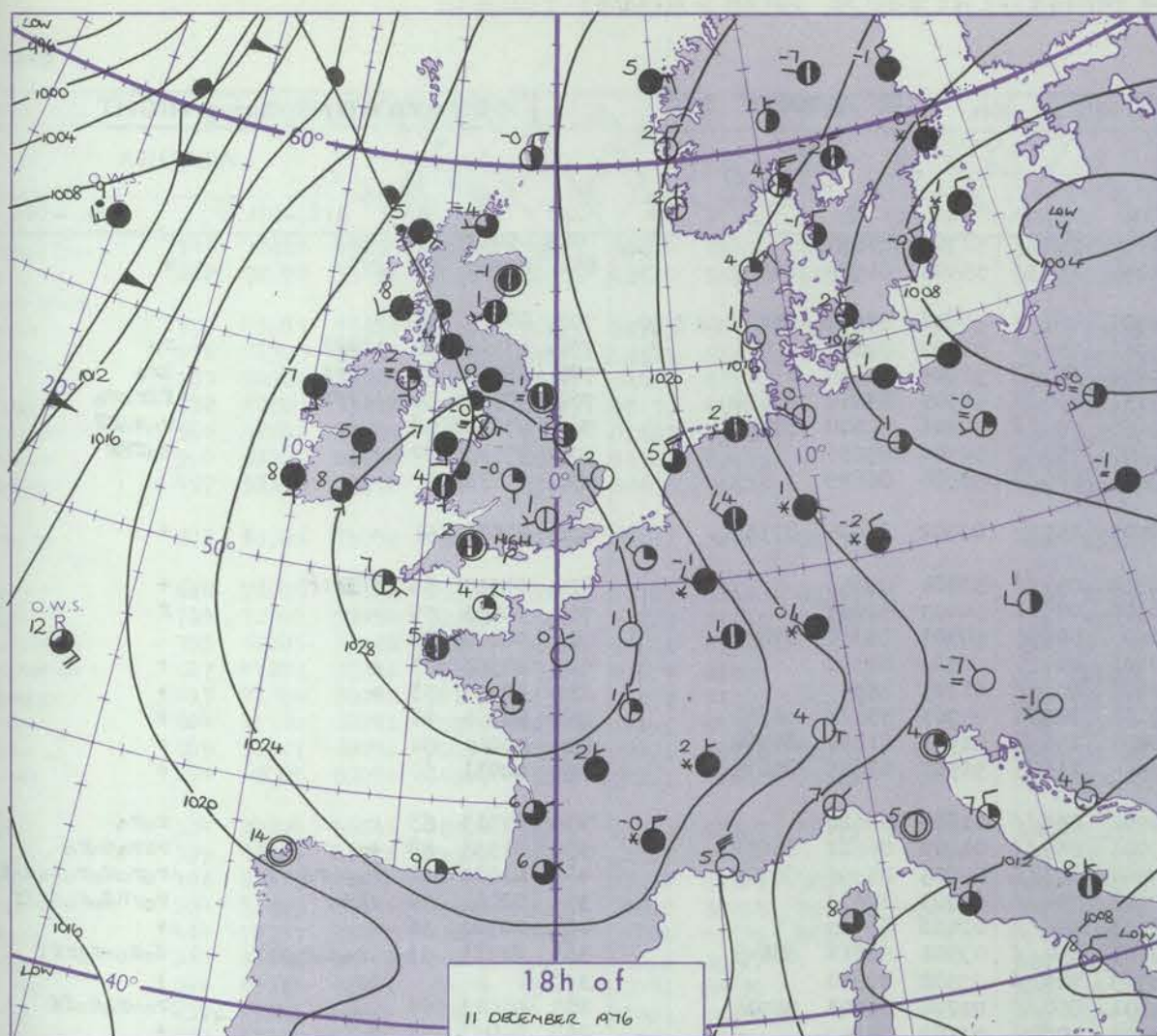
13-7

13-17

49.52

1

CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

During the past 24 hours an anticyclone moved slowly northeast from Hiscay to southern England. A deep depression moved slowly north over southern Greenland and an associated frontal trough moved northeastwards across Northern Ireland, and parts of Scotland and northern England. During the next 24 hours the centre of the

anticyclone will be transferred to northern Norway, but a ridge of high pressure will persist over the British Isles. The frontal trough will become slow-moving over eastern districts.

Issued at midday SUNDAY 12 DECEMBER 1976

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

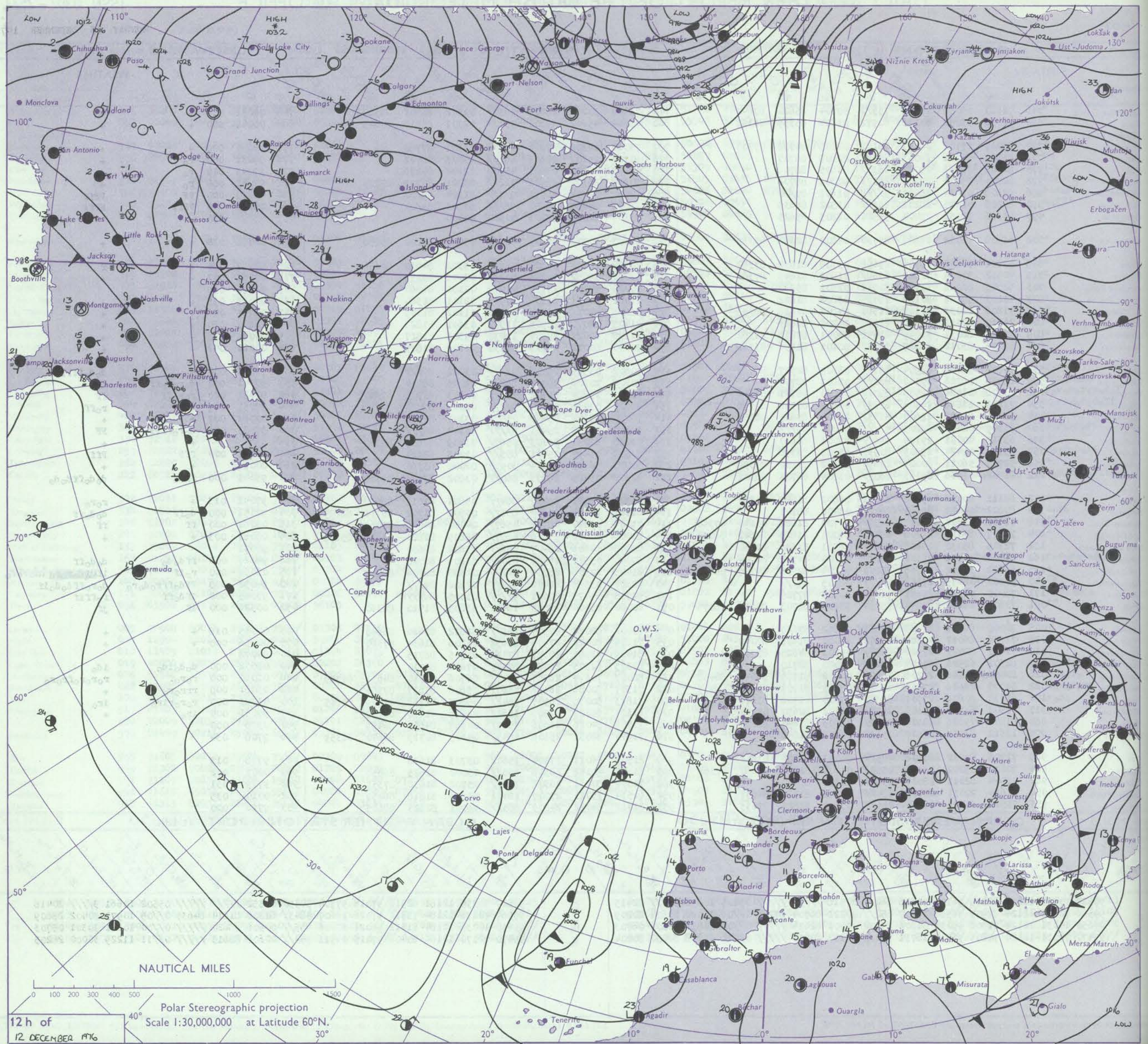
ISSN 0307-2541

No. 42025

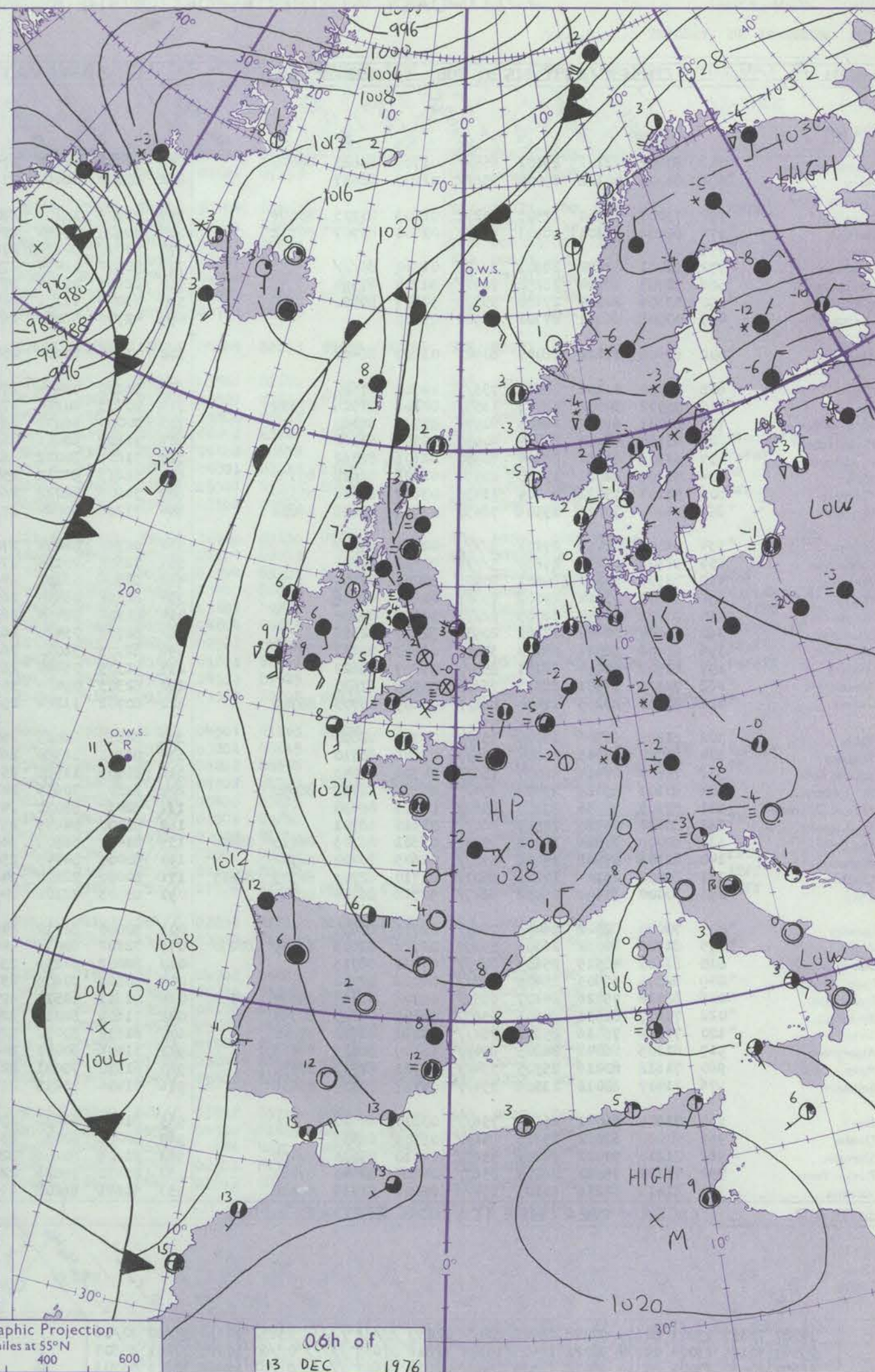
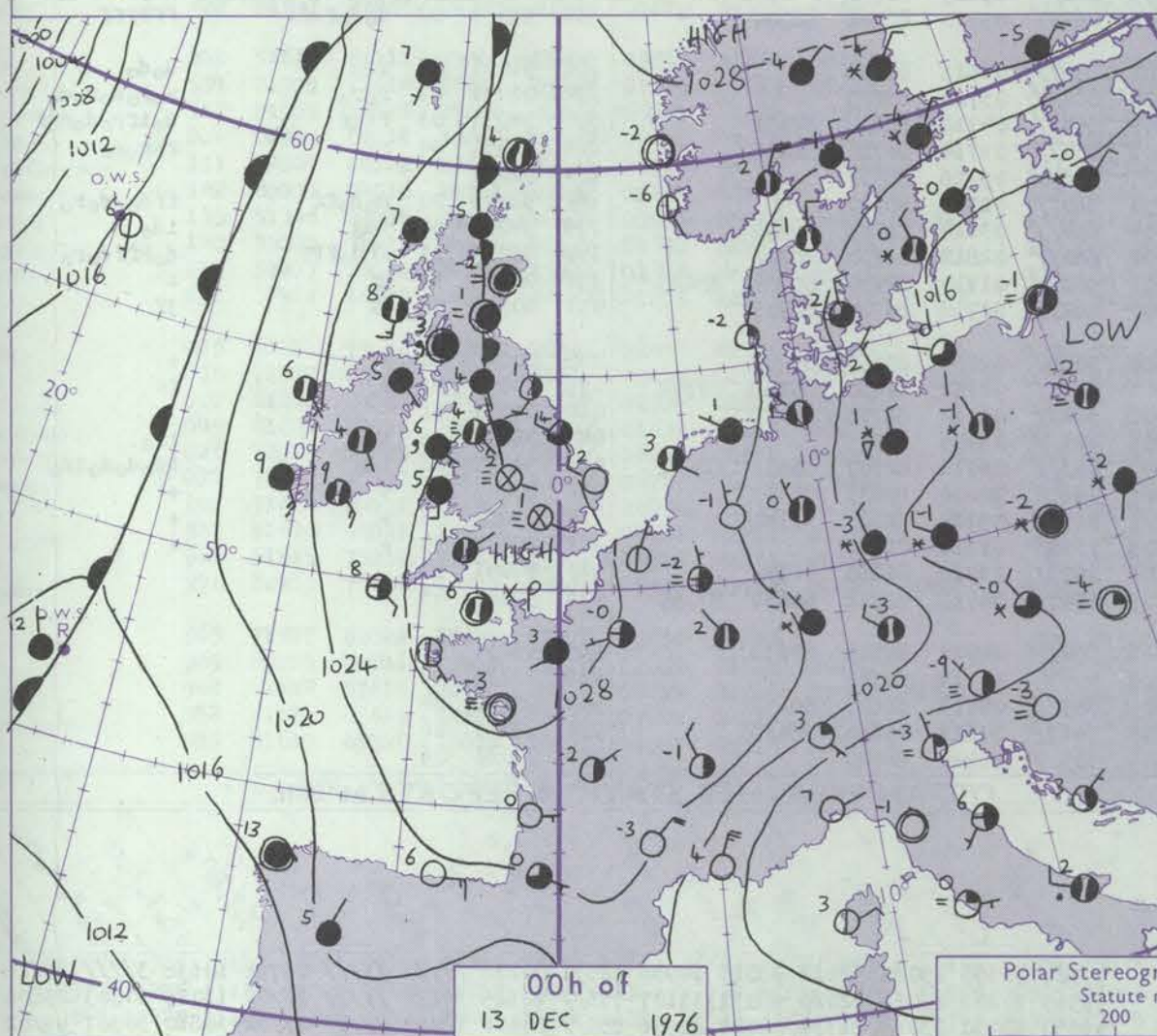
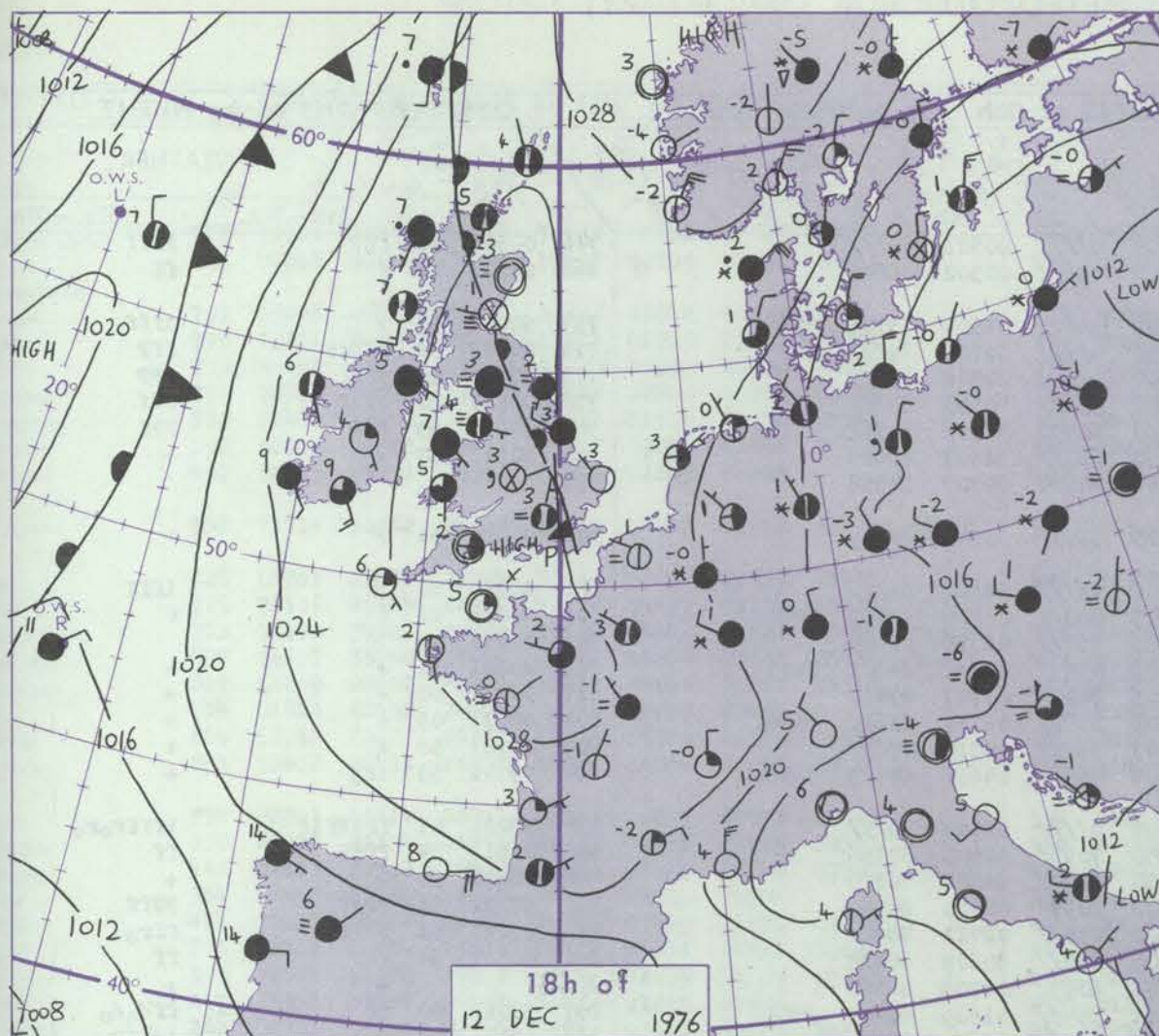
Date of Issue MONDAY 13 DECEMBER 1976

Code FM II.D	OBSERVATIONS at 12h. 12 DECEMBER 1976										OBSERVATIONS at 18h. 12 DECEMBER 1976										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwWW	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	VVwwWW	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 T + E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	72810	45052	29901	755//	50804	85620	87640		746	72901	30052	29402	763//	01302	85707	87712		746	00031	001	+	+		
Hurn	862	72802	35052	30101	60972	01804	85359	86362		862	73004	45102	29302	754//	02301	85618	87645		862	00041	000	+	+		
Thorney Island																									
Manston	797	73007	15102	28003	761//	02805	84702	87703		797	73010	14102	27902	760//	02303	87700			797	97031	000	+	+		
Gatwick	776	83305	56606	29003	873//	02805	88707			776	80103	15102	28603	861//	03003	88702			776	97031	000	r _o	+		
Kew	775	82502	25216	29003	863//	01805	88708			775	40203	40401	28903	45700	02102	84656			775	97043	000	r _o	+		
Heathrow	772	82804	35216	29203	863//	02803	88708			772	70105	25102	28903	762//	03001	82703	87704		772	97041	000	r _o	+		
Honington	586	92608	01434	28401	9////	01602	89/00			586	92810	02454	28551	9////	51104	89/00			586	00023	000	FF	FFff		
Wattisham	590	83208	02444	28201	856//	01502	88635			590	93008	04434	28151	9////	51301	89/00			590	00013	000	FFff	FFff		
Gorleston	497	53106	32052	27404	55500	02805	85625			497	03107	62011	27203	00900	01400				497		030				
Aberporth	502	61906	75032	29607	25730	04803	82650	85359		502	61703	70012	28905	685//	03400	82820	85650		502	00081	026	+	+		
Filton	628	72806	18102	29904	25658	03705	81635	87360		628	72702	18104	29304	756//	03302	84630	87656		628	00051	000	+	f		
Rhoose	715	72902	50054	30303	1568/	01802	81645	87360		715	53002	59052	29505	50930	03001	85359			715	00061	003	+	+		
Hartland Point	703	62005	80022	30108	50931	02801	85360			703	40000	74031	29705	40970	02101	84360			703	00080	039				
Mount Batten	827	41203	57041	30106	18534	03804	81822			827	11002	50041	29104	10931	02101	81360			827	00091	055	+	+		
St. Mawgan	817	71806	80032	30107	11581	04802	81828	86358		817	11206	80021	29303	10930	01102	81359			817	00091	046	+	+		
Scilly	804	21710	82011	29709	11502	04005	81823			804	21405	82020	28506	11502	03601	81823			804	00101	050	+	+		
Culdrose	809	71507	82031	30009	21471	04001	82818	86360		809	21106	80021	29304	11430	02303	81817			809	00091	030	+	+		
Guernsey	894	62005	83012	31007	15732	50101	81656	83362		894	20000	80012	29705	21530	01102	81825			894	00081	042	+	+		
Elmdon	534	70804	56046	28904	763//	03809	82707	86710		534	90602	03514	29203	9////	03002	89///			534	94051	000	+	d _o d _o ffFff d _o		
Cardington	559	82904	08216	29502	862//	02801	88704			559	80302	20106	29302	862//	02005	88704			559	93041	000	d _o r _o r _o ff	ff		
Wittering	462	83308	11286	29503	850//	03000	85701	88640		462	73406	15284	29702	750//	01103	83701	87640		462	97031	000	r _o r _o ff	ff		
Watnall	354	73603	16286	29504	6537/	04802	82708	86656	87360	354	90801	03436	29802	9////	02004	89///			354	97051	001	ff	r _o ff		
Shawbury	414	72705	81022	29605	5553/	03804	85620	86359		414	70000	28102	29403	755//	03301	87620			414	00061	002	+	+		
Finningley	360	93309	02476	29203	9////	03003	89///			360	90000	01454	29451	9////	51104	89///			360	97031	000	d _o r _o ffFF	FF		
Spurn Point	396	63311	40031	29104	656//	02001	86630			396	83010	62031	29103	2567/	01209	82637	88360		396			+	+		
Leeming	257	63102	02424	29603	6093/	03001	86358			257	82502	05464	29401	855//	01003	88624			257	00031	000	ffF	Fff		
Tynemouth	262	52705	56021	30005	12634	03102	81830	83358		262	30000	56021	29504	30930	02000	83360			262	00051		+	+		
Carlisle	222	81002	03446	29103	860//	03804	86701	88702		222	81102	05425	28703	860//	03802	82701	88702		222	95041	000	ff d _o	d _o d _o ff d _o d _o		
Valley	302	62111	80022	29808	12541	06802	81820	83360		302	81306	75022	29007	884//	05801	81818	88628		302	97091	013	+	r _o r _o		
Ringway	334	80802	06462	29904	860//	03400	88701			334	81102	12285	29304	851//	03801	81702	86711	88625	334	92051	000	d _o ff	d _o d _o ff		
Squires Gate	318	71502	06424	29105	3857/	04704	81822	83640	87360	318	71006	05424	28704	4567/	04400	84640	87360		318	00061	000	ff	ff		
Ronaldsway	204	72607	84021	29208	48432	06001	81816	84640	86070	204	80000	80022	27906	6857/	05805	81820	83632	85650	204	00081	003	+	+		
Mull of Galloway	131	72705	85032	29107	3563/	06501	83630	87360		131	80000	84606	28407	856//	05602	88630			131	97071					
Eskdalemuir	162	80000	02466	29101	860//	01804	84700	88704		162	80000	03515	28501	870//	01805	88700			162	94027	000	ff d _o d _o	d _o d _o ff		
Prestwick	135	81402	30102	28705	852//	05804	82705	84707	86614	135	81403	20506	28304	862//	04500	86704	88705		135	01051	000	r _o if	if ff id _o r _o r _o		
Abbotsinch	140	90000	02435	29102	9////	02805	89///			140	92802	03586	28402	9////	02802	89///			140	94032	000	FFd _o ff r _o d _o r _o	d _o r _o ff d _o d _o if		
Leuchars	171	70000	06506	29101	763//	01803	87709			171	92705	04475	28601	9////	01705	89///			171	93025	000	if d _o ff	f-ff if		
Dyce	091	73602	18101	29954	55231	55203	81703	85616	86075	091	60000	25404	28553	1647/	53805	81710	86360		091	00526	000	if	if		
Lerwick	005</																								

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 belt of high pressure has been maintained from north Russia across northern Norway to northwest France, with slow-moving anticyclones over northwest France and north Russia. A weak slow-moving front lay north to south through the British Isles, and another frontal trough was slow-moving over the Western Approaches. During the next 24 hours the anticyclone over north

Russia and northern Scandinavia will be maintained, with a ridge of high pressure persisting from Scandinavia to France. The weak front over the British Isles will decay, and the frontal trough to the west of the British Isles will remain slow-moving, with a small depression forming to the west of Ireland.

Issued at midday MONDAY 13 DECEMBER 1976

No.

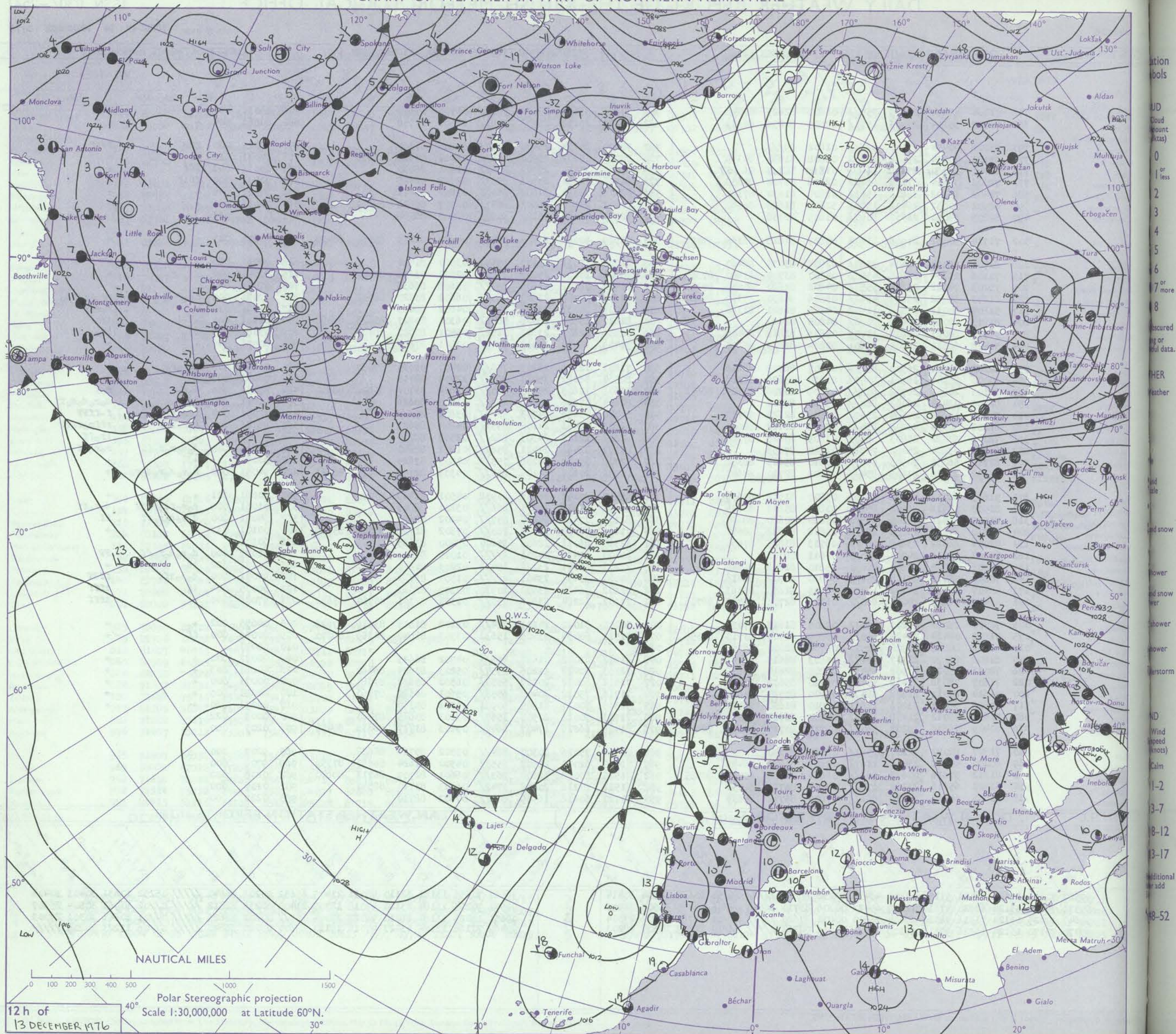
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ISSN 0307-2541

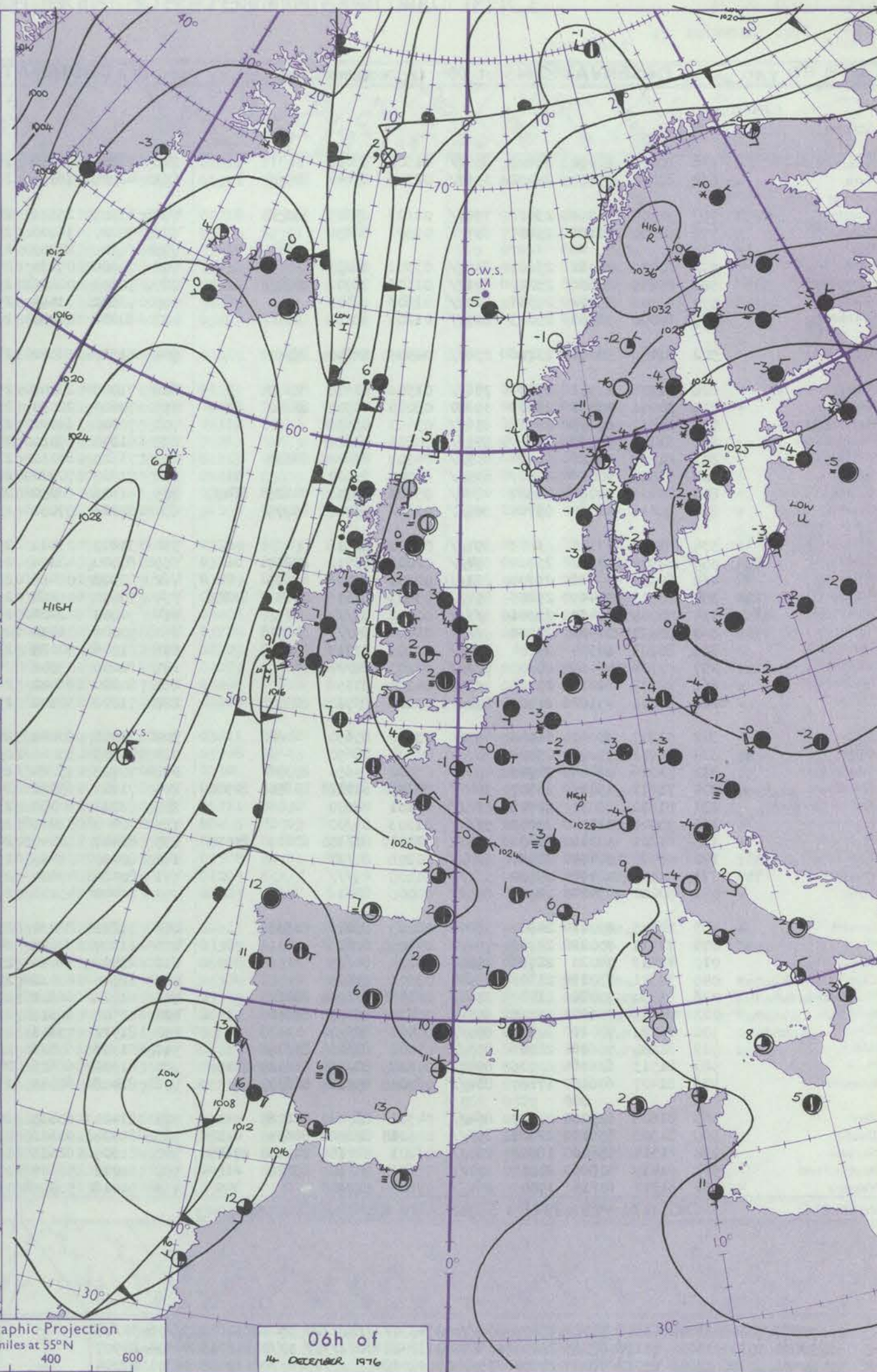
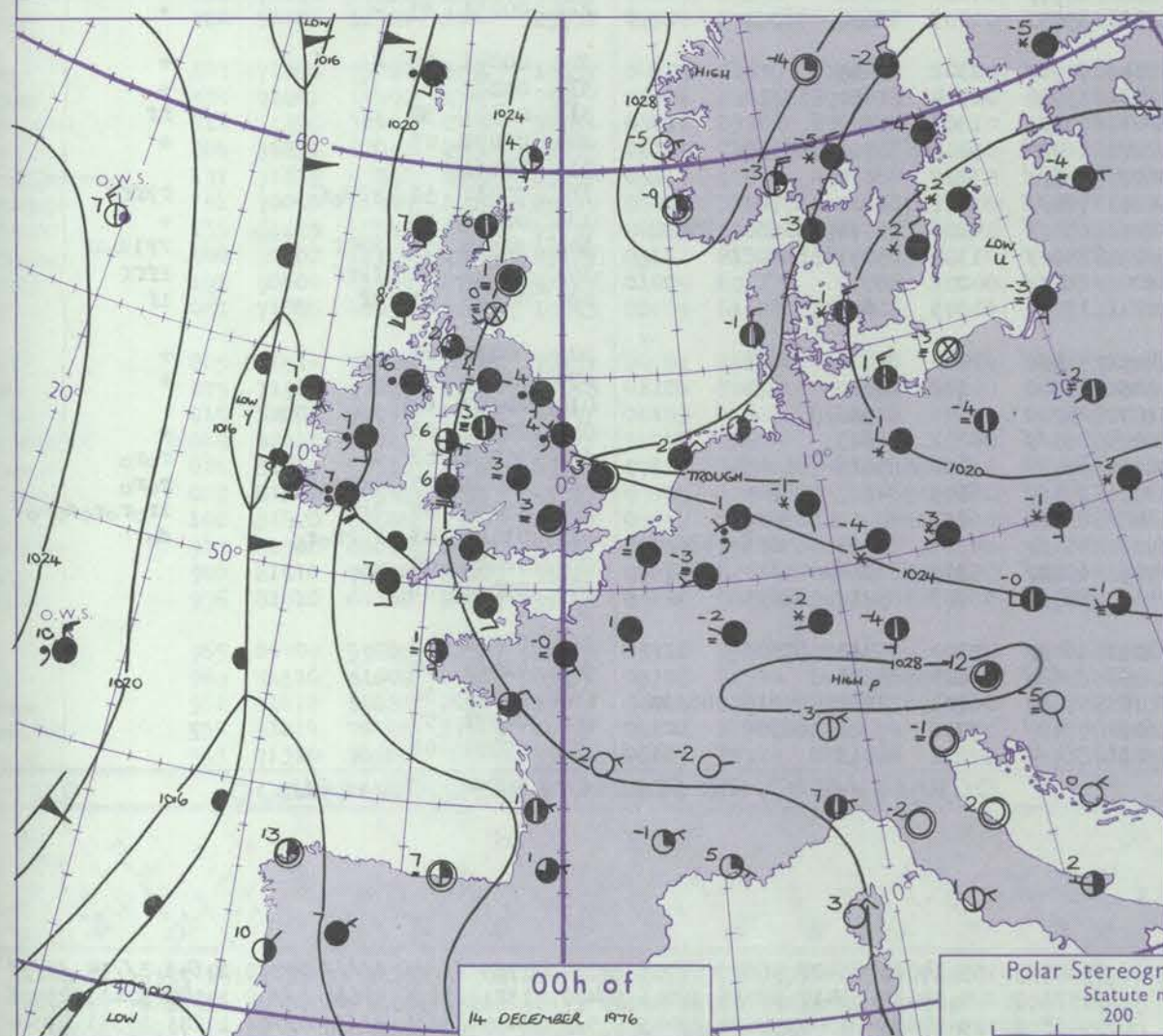
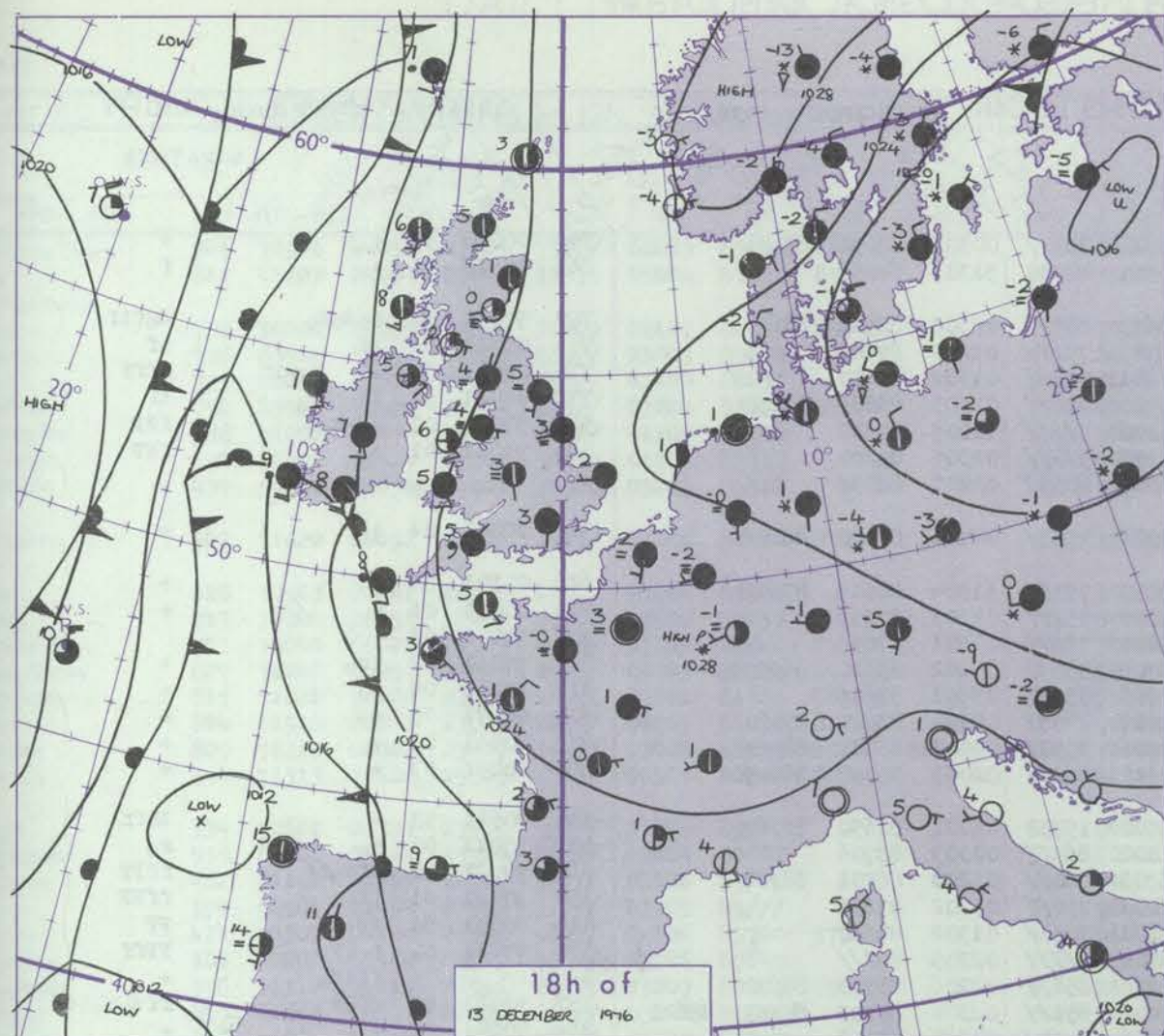
Date of Issue TUESDAY 14 DECEMBER 1976

Code FM 21.D		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	VVwwW	PPPTT	N _h C _h C _M C _H	D _s v _s app	8N _s Ch _s	8N _s Ch _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	VVwwW	PPPTT	N _h C _h C _M C _H	D _s v _s app	8N _s Ch _s	8N _s Ch _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 L M R		99527	70355	13121	82411	97158	21203	43432	00232	////	////	05751	10630	30504	30414		99527	70355	13181	72110	98031	21405	65652	00202	86640	////	05252	10631	30403	30408	
		99571	70205	13124	82820	97616	12807	6542/	00306	83710	86635	0//06	10955	30505	24906		99571	70203	13184	23120	97018	18707	21400	00235	82812	////	0//02	10963	30504	25907	
		99647	10029	13124	71316	98022	27404	75500	00801	87625	////	0//01	10765	30302	27004		99651	10029	13184	81010	98022	27004	855//	00602	88625	////	0//01	10841	30301	27003	
		99470	70170	13124	83326	97635	16109	874//	00211	88710	////	0//09	11209	30504	28203		99469	70166	13184	63423	97016	19110	65600	00220	86640	////	0//06	11223	30805	////	

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 over northern Scandinavia intensified, maintaining a ridge of high pressure southwards over the North Sea. An anticyclone over Northern France moved slowly southeast. A complex belt of low

pressure extending from the west coast of Spain to the east coast of Iceland remained stationary, with a weak centre of low pressure forming to the west of Ireland. During the next 24 hours, the general pattern will remain much the same.

Issued at midday TUESDAY 14 DECEMBER 1976

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

OBSERVATIONS at 00h. 14 DECEMBER 1976										OBSERVATIONS at 06h. 14 DECEMBER 1976										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	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	iii	Nddff	VVwww	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	iii	RRT _n T _n E	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	80000	56052	25603	856//	01503	88630			746	71105	58052	25702	756//	00303	82630	87656		746	00013	51	+		+	
Hurn	862	80000	25102	25402	3567/	02706	83640	88358		862	40000	16101	25651	40930	51303	84358			862	00513	55	+		f	
Thorney Island																									
Manston	797	72804	45102	25402	755//	01603	83625	87656		797	83205	25516	25603	853//	02303	82709	88640		797	97011	51	r _o d _o d _o		d _o fif	
Gatwick	776	80000	12102	25801	857//	01501	88650			776	70000	16104	26001	756//	01202	87640			776	00011	51	1f		1f	
Kew	775									775	70000	20102	25801	757//	01302	87650			775	00011	52	+		1fff	
Heathrow	772	80000	08412	25803	856//	03301	88631			772	70000	07414	25902	756//	02303	83635	87650		772	00021	50	1f		1f	
Honington	586	82605	20606	25002	871//	01601	86702	88709		586	90000	00476	25902	9/////	02205	89/00			586	97021	01	1d _o r _o f		fFF	
Wattisham	590	82506	25102	25001	862//	01603	88703			590	93502	01474	25902	9/////	02307	89/00			590	91011	01	+		fFF	
Gorleston	497	80000	56052	25003	8097/	01201	88358			497	80000	00444	26002	8091/	02207	88458			497						
Aberporth	502	81419	50052	23206	2567/	04609	82640	88359		502	81516	56052	23006	4557/	04701	84620	88358		502	00041	04	+		+	
Filton	628	71106	22101	25401	756//	01502	82630	87650		628	71003	23101	25550	754//	51304	82618	87640		628	00501	54	+		+	
Rhoose	715	30706	09461	25003	35200	03000	81705	83650		715	70804	22054	25103	757//	02303	87656			715	00031	01	f		+	
Hartland Point	703	81510	66205	23506	856//	05803	88638			703	70000	64022	23805	756//	03501	87638			703	97041	02			+	
Mount Batten	827	81106	59056	23306	855//	04806	88627			827	61104	59052	23705	3553/	03102	83622	86359		827	97051	02	1r _o		+	
St. Mawgan	817	81508	64026	22906	855//	04709	83622	88656		817	71615	60012	22706	757//	03602	87656			817	92051	04	r _o		+	
Scilly	804	81510	70026	22207	855//	05707	88620			804	71507	70012	21607	2857/	04704	82820	87460		804	00071	05	+		+	
Culdrose	809	81408	70026	22507	4842/	05806	82817	84625	88459	809	81106	60052	22506	3552/	04400	83622	88460		809	00061	05	+		+	
Guernsey	894	81411	56052	25404	863//	01502	83707	86709		894	81413	57052	25304	863//	02005	83707	86709		894	00031	03	+		+	
Elmdon	534	81701	13102	25503	854//	02500	88618			534	31201	07411	25502	15730	01001	81650	83360		534	00511	53	+		1fff	
Cardington	559	82502	50102	25702	854//	02002	83712	88617		559	80000	40106	26102	863//	02303	88706			559	97011	00	r _o		r _o	
Wittering	462	82902	09426	25703	853//	02301	87708	88625		462	82902	08464	26303	860//	03202	86701	88702		462	97021	02	ffr _o ff		ffFF	
Watnall	354	80501	04445	25403	854//	03203	83616	83636	88656	354	70000	06464	26003	757//	03202	87656			354	97031	01	ff		ffFF	
Shawbury	414	90000	00454	25301	9/////	01302	89///			414	70903	01424	25501	7093/	01302	87360			414	00501	51	FF		FF	
Finningley	360	90000	00436	24702	9/////	02400	89///			360	90000	01434	25902	9/////	02205	89///			360	97011	01	r _o FF		FFff	
Spurn Point	396	83205	12504	24804	854//	03103	87717	88630		396	81006	50025	26104	854//	02206	83715	88630		396			ffid _o		+	
Leeming	257	90302	00454	24901	9/////	01103	89///			257	82802	07506	26002	851//	02304	81702	84707	88622	257	91011	01	ffFF		ff d _o r _o id _o	
Tynemouth	262	72702	61022	25205	7097/	04105	87358			262	80000	66022	26205	8097/	04204	88358			262	00041	02	+		+	
Carlisle	222	81202	35102	24704	854//	03206	83710	88617		222	71002	30102	25402	3577/	01305	83650	86360		222	00011	53	+		+	
Valley	302	51207	60042	24006	55700	03400	85650			302	70906	60041	24204	7093/	02302	87359			302	00041	03	+		+	
Ringway	334	81902	19044	25404	857//	03304	88650			334	30605	35041	25803	15730	02304	81650	83359		334	00021	51	1f		+	
Squires Gate	318	71006	08424	24703	4577/	03302	84650	87358		318	70905	15284	25001	7093/	01303	87359			318	00501	52	ff		ff	
Ronaldsway	204	71612	65012	23707	3547/	05103	81712	83650	87360	204	71212	65022	24007	1647/	05101	81712	87360		204	00071	05	+		+	
Mull of Galloway	131	81810	80031	22608	856//	07101	88630			131	81813	60032	23507	856//	05208	88630			131	00061					
Eskdalemuir	162	90000	01434	25001	9/////	01303	89/00			162	70000	02445	25801	762//	01207	82703	87706		162	97017	51	FFd _o f		f Fff	
Prestwick	135	61209	58041	23702	35532	02305	81620	83625	85075	135	81407	50042	24205	854//	04206	81714	83630	85638	135	00021	50	+		+	
Abbotsinch	140	90000	00474	24550	9/////	05208	89///			140	80000	08415	25001	850//	01304	85701	88622		140	92512	52	FFff		FFid _o 1f	
Leuchars	171	92404	02474	24700	9/////	51105	89///			171	80000	07414	25600	860//	00206	88700			171	00525	53	f Fff		1fff	
Dyce	091	80000	09424	24301	854//	00000	88618			091	10000	45104	25251	15600	51205	81630			091	00536	55	ff		1f	
Lerwick	005	32105	80011	24904	38400	02003	81817	83635		005	71812	80031	25405	784//	02000	84816	85628		005	00031	01	+		+	
Wick	075	71711	70022	23706	754//	04101	87616			075	11807	80021	24105	15500	02302	81620			075	00035	51	+		+	
Sule Skerry	010	41413	74020	22706	45500	06204	84625			010	21412	74010	23107	25500	05301	82625									

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

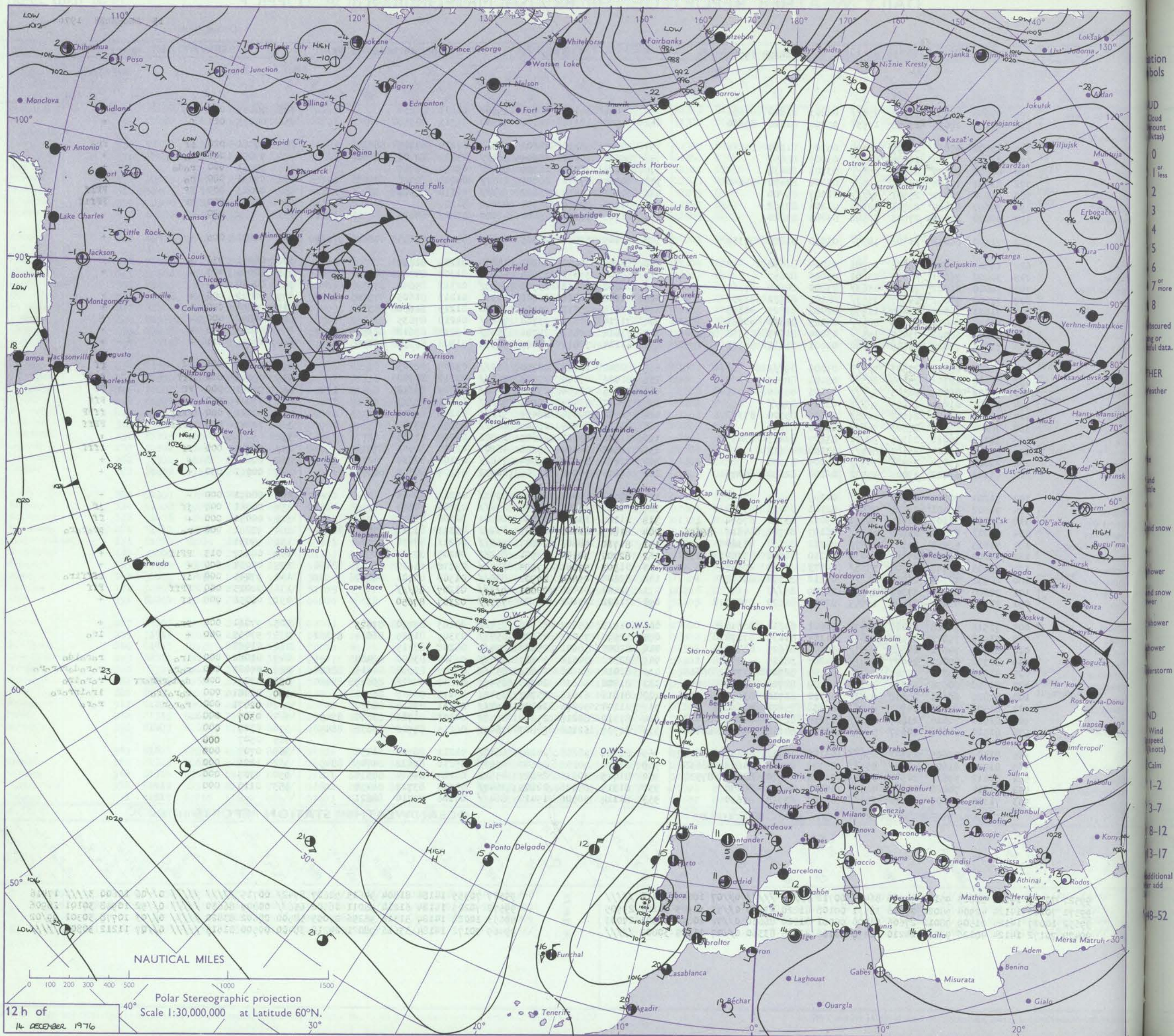
ISSN 0307-2541

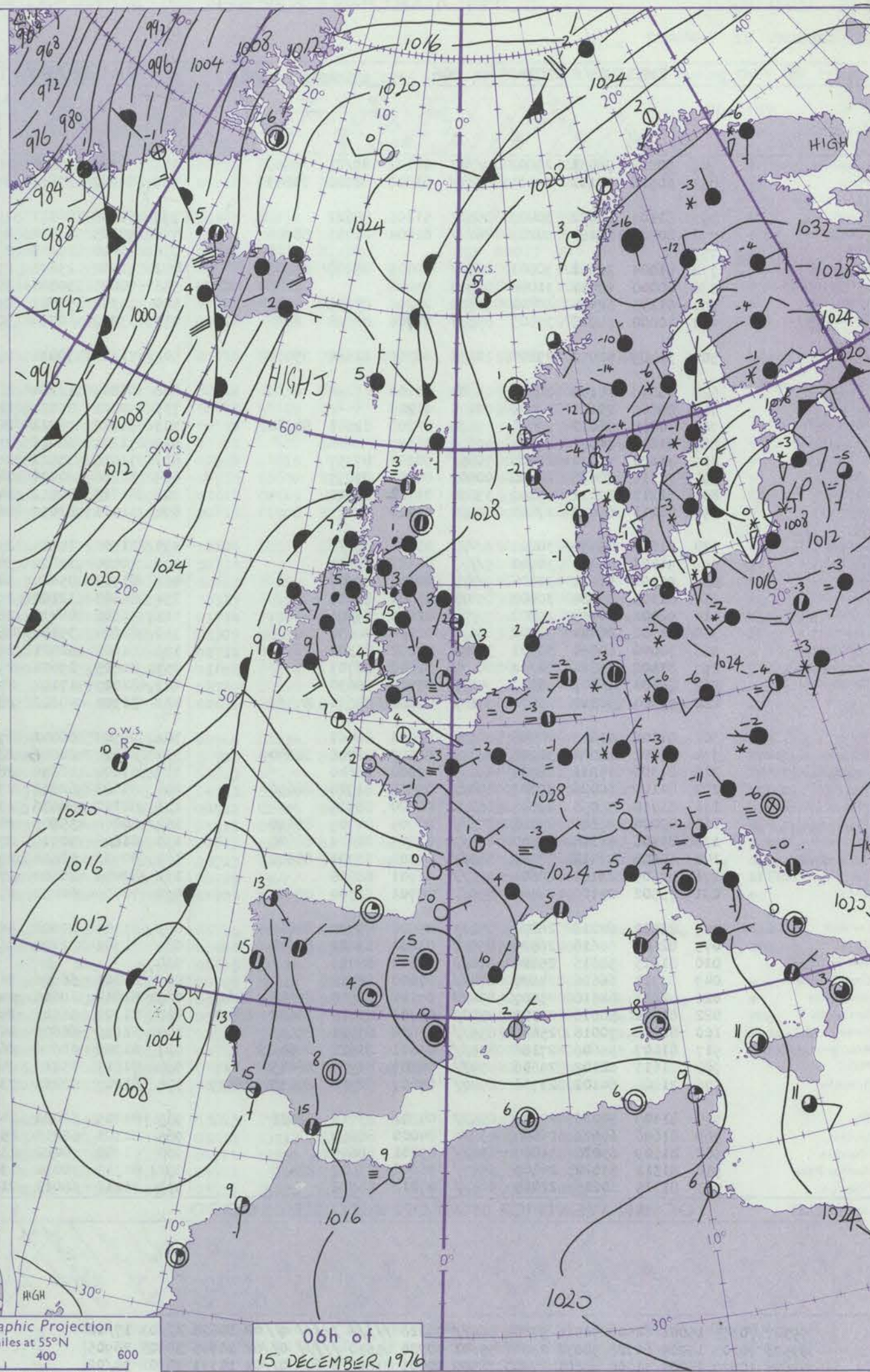
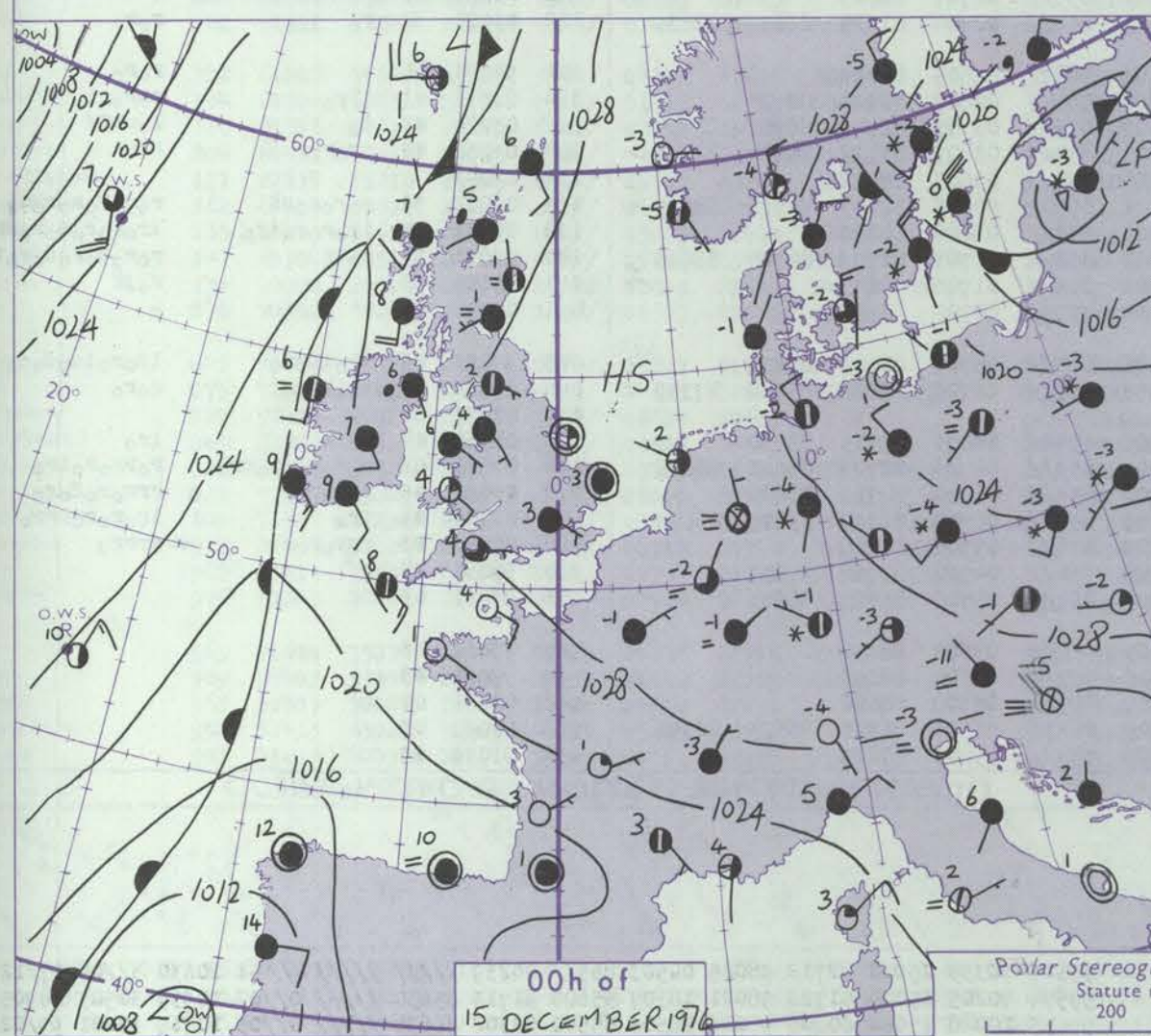
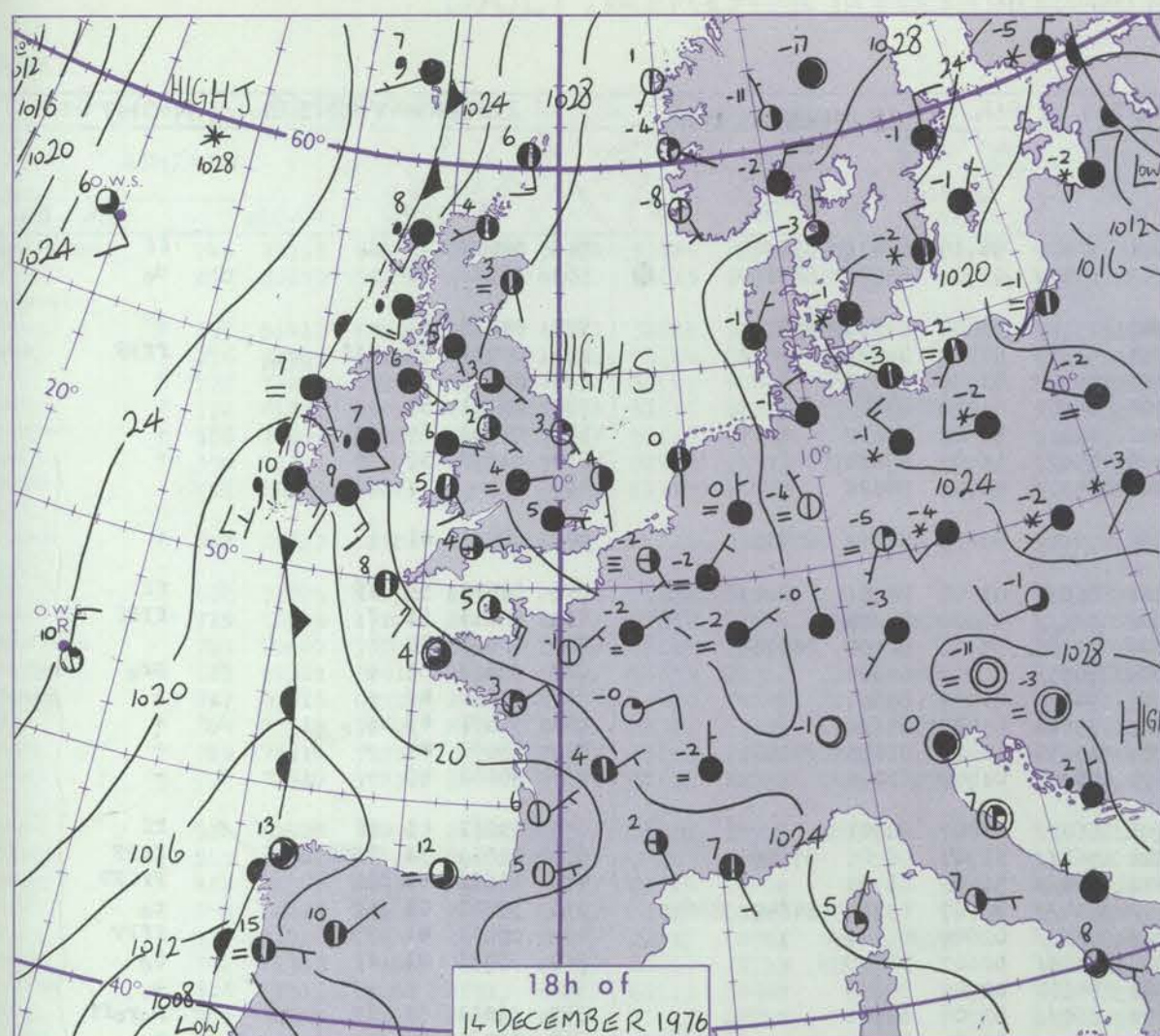
No. 42027

Date of Issue 15 DECEMBER 1976

OBSERVATIONS at 12h. 14 DECEMBER 1976										OBSERVATIONS at 18h. 14 DECEMBER 1976										OBSERVATIONS during DAY												
Station	iii	Nddff	VVwwWW	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	VVwwWW	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	VVwwWW	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 T F	SSS	WEATHER	
																															09h.—15h.	15h.—21h.
Boscombe Down	746	70906	44052	27103	756//	02003	81640	87656		746	20806	34101	28402	15702	01211	81650			746	00041	000											
Hurn	862	41103	28054	27006	11531	05004	81822	83360		862	30303	18111	28101	30930	01311	83359			862	00073	015											
Thorney Island																																
Manston	797	30204	42055	27305	38400	04107	81810	83656		797	70907	58036	28605	784//	02210	81714	86635		797	97061	020	1f										
Gatwick	776	83401	30054	27404	857//	03005	88650		776	80507	10106	28504	860//	03309	82701	88702		776	97051	000	do-ro											
Kew	775	80000	20604	27304	856//	03103	88630		775	80905	20055	28705	864//	03210	88711			775	97051	000	rodo											
Heathrow	772	83501	11604	27404	856//	03004	83630	88640		772	80907	17056	28705	863//	04210	82706	88707		772	97051	000	ro										
Honington	586	91002	00474	27901	9//	01107	89/00		586	90000	00434	29452	9//	05210	89/01			586	00023	000	FF											
Wattisham	590	30602	01424	27801	30930	01204	83362		590	00705	05414	29351	00900	51209				590	91023	000	FF											
Gorleston	497	30000	16054	27903	32500	03205	83820		497	41707	66034	29404	42500	03207	84825			497		020												
Aberporth	502	71620	60052	23906	1857/	03000	81820	87359		502	71409	62052	26505	4567/	01315	81635	84650	87361	502	00071	006	+										
Filton	628	10903	24041	26805	15701	03004	81656		628	10908	20041	28103	15800	01209	81657			628	00061	036	+											
Rhoose	715	30808	36051	26405	25801	03006	82657		715	60708	37051	27504	40932	02308	84360	84075		715	00051	007	+											
Hartland Point	703	70000	66022	24506	4563/	03802	84640	87360		703	70000	70022	25906	5563/	02312	85640	87359		703	00070	000											
Mount Batten	827	71208	57052	24807	2553/	04103	82622	87359		827	51106	70012	26006	15530	01213	81625	84360		827	00081	000	+										
St. Mawgan	817	71621	75022	23407	11578	02002	81825	86359		817	51514	75012	25106	15770	01213	81650	85360		817	00091	000	+										
Silly	804	81510	80032	23009	885//	04205	81820	88623		804	71214	80022	23708	756//	04210	87635		804	00090	000	+											
Culdrose	809	71213	66022	23407	1557/	03004	81625	85358	86460	809	71012	68052	24706	3547/	03213	83618	86358		809	00081	000	+										
Guernsey	894	71313	78022	25605	68432	00001	81812	86650		894	41114	70012	26405	20932	51308	82359	83075		894	00061	011	+										
Elmdon	534	90601	06434	27503	9//	03005	89//		534	80802	14104	28704	862//	03209	88703			534	00041	000	ff											
Cardington	559	80902	12102	27704	863//	03004	88707		559	81006	09444	29203	861//	03210	88702			559	00041	000	fff											
Wittering	462	91102	00454	28303	9//	03106	89/00		462	91005	01454	29703	9//	03209	89/00			462	97041	000	FF											
Watnall	354	90501	01454	27904	9//	03105	89//		354	90901	03434	29203	9//	03209	89//			354	97041	000	FF											
Shawbury	414	70302	04424	27502	5603/	02106	85700	87360		414	91002	00474	28403	9//	03208	89/00		414	00041	000	FFFF											
Finningley	360	70202	05444	27603	756//	03106	87645		360	81502	04424	28903	860//	03208	88700			360	00041	000	ffff											
Spurn Point	396	31112	75011	28306	22501	03207	82825	83075		396	21406	58011	29603	15501	02209	81625		396			+											
Leeming	257	81602	16104	28103	854//	03108	88616		257	72502	08464	29302	46202	02109	84705	87070		257	00041	000	ff											
Tynemouth	262	72004	17052	28306	7093/	04209	87358		262	72405	39052	29004	756//	03104	87630			262	00061		+											
Carlisle	222	51106	61022	27004	25732	02208	82650	85075		222	61104	56042	28103	20932	02209	82362	86072		222	00061	030	+										
Valley	302	71204	70022	25907	1563/	04109	81635	87362		302	80903	60042	27206	8097/	03211	88460		302	00071	000	+											
Ringway	334	72602	18401	27605	754//	02106	83616	87634		334	81402	14042	28605	856//	03208	88645		334	00061	007	jf											
Squires Gate	318	71106	30102	27104	30931	03011	83361	87074		318	41106	13284	28002	00901	02308	84075		318	00051	000	+											
Ronaldsway	204	71211	62032	25608	6543/	06107	81712	84616	86656	204	81805	62618	27007	854//	05312	81712	85616	88620	204	92081	000	ro										
Mull of Galloway	131	71615	58052	25507	2567/	05212	82630	87360		131	81710	58606	26807	856//	06211	88630		131	94071													
Eskdalemuir	162	70000	40404	27702	25039	02210	81700	83364	86175	162	82702	30104	28501	862//	00205	88703		162	00037	013	FFff											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

A ridge of high pressure across the North Sea linking an anticyclone over northern Norway and another over eastern France has persisted, but the two high centres have since declined. Another zone of high pressure from Azores to Iceland has moved slowly east. A complex but weak frontal trough across Faeroes and Ireland to a

depression off west Portugal has moved slowly east in the north but has remained almost stationary in the south. During the next 24 hours the ridge to the west of the British Isles will collapse. The frontal trough will remain slow moving over Ireland but is expected to move southeast across Scotland.

Issued at midday WEDNESDAY 15 DECEMBER 1976

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

OBSERVATIONS at 00h. 15 DECEMBER 1976										OBSERVATIONS at 06h. 15 DECEMBER 1976										OBSERVATIONS during NIGHT										
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d app	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d app	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	iii	RRT _n T _n E	T _g T _g	WEATHER								
																						21h.—03h.	03h.—09h.							
Boscombe Down	746	90812	08431	29602	91111	02102	89/01			746	50910	37104	28601	16406	00710	81712	85278		746	00003	51	ff		ff						
Hurn	862	60506	30101	29101	65311	01202	82706	86643		862	80707	25502	28202	87211	02708	85705	88710		862	91521	55	+		do						
Thorney Island																														
Manston	797	81107	80022	30403	85511	51105	88622			797	31008	80021	29501	15502	53608	81620	83070		797	00013	53	+		+						
Gatwick	776	80806	20284	30203	86211	02204	86703	88704		776	90705	07434	29551	91111	51807	89111		776	00533	54	ff		ff	FF						
Kew	775									775	30000	25102	29451	35700	51705	83650		775	00523	55	+		+							
Heathrow	772	81004	28052	30503	86311	02005	85707	88709		772	31402	23101	29301	35600	01710	83648		772	00001	54	+		+							
Honington	586	00000	08414	31054	00900	55202				586	70000	30104	30052	75611	52604	87632		586	00553	59	ff		+							
Wattisham	590	61105	62034	30801	65600	00202	86635			590	73302	57021	29700	75611	51607	87635		590	00513	57	ff		+							
Gorleston	497	80000	60026	30803	85511	01400	88628			497	83202	60022	30103	85511	01703	88628		497												
Aberporth	502	31409	58051	27804	10931	00306	81362	83070		502	71619	70031	25604	70911	01815	85362	87465		502	00031	01	+		+						
Filton	628	00810	18100	29100	00900	00400				628	81009	12104	28501	86011	01706	88701		628	00001	53	ff		ff							
Rhoose	715	00605	20101	29101	00900	01206				715	90811	01434	28102	91111	02608	89700		715	00011	51	f		ff	FF						
Hartland Point	703	40000	66012	27605	25630	02208	82641	84360		703	61012	58021	26204	20938	03712	82360	86275		703	00030	00									
Mount Batten	827	01006	70021	27104	00900	01307				827	71305	68021	25704	70911	02712	87362		827	97031	51	+		pro							
St. Mawgan	817	71620	75031	26006	70851	50303	87357			817	71616	75022	24807	70811	02709	87357		817	00050	03	+		+							
Scilly	804	71316	80016	24908	00902	04305	87075			804	31216	80021	24007	35600	03805	83630		804	97071	05	1ro		+							
Culdrose	809	31212	82031	25807	35630	01301	83640			809	41213	80011	24507	15630	02810	81635	84360		809	00051	04	+		+						
Guernsey	894	01111	65020	27804	00900	51102				894	11011	62030	26604	00902	01707	81075		894	00031	01	+		+							
Elmdon	534	91603	05474	30003	91111	03002	89111			534	81506	10284	29201	86011	01807	88701		534	00011	01	ff		ff							
Cardington	559	91403	02434	30901	91111	01103	89701			559	70000	18104	30001	76211	01707	86705	87709		559	00511	51	FFff		ff	FF					
Wittering	462	91502	01454	31400	91111	00203	89700			462	81902	05424	30451	86011	51606	88700		462	91511	51	FF		ff	FF						
Watnall	354	81103	18284	30303	85411	03000	88619			354	81503	32102	29302	85411	02707	83715	84640	88657		354	97011	01	ff		ro					
Shawbury	414	92002	03454	29802	91111	02005	89700			414	91602	06434	28802	91111	02609	89700		414	00011	01	FFff		ff	FF						
Finningley	360	81302	06444	30102	85611	02002	88632			360	81604	35104	28902	85611	02607	88635		360	97021	01	ff		ro							
Spurn Point	396	30000	60030	30901	30970	01002	83360			396	51802	62021	29902	55600	01707	85649		396			+		+							
Leeming	257	81502	15284	30202	86211	02000	88703			257	81605	09604	29002	86011	02707	88701		257	91011	52	ff		ro	ro	ff					
Tynemouth	262	82404	16102	30103	85611	03000	88630			262	82007	17102	29502	85511	02704	88625		262	00021	01	+		+							
Carlisle	222	71004	50212	28802	35611	01802	83630	87462		222	81302	50602	28103	85411	02704	81715	86629	88635		222	01021	51	ro		ro	ro				
Valley	302	81106	61042	28206	80911	01801	88462			302	80904	60042	27405	80911	02605	88459		302	94051	04	+		ro	ro						
Ringway	334	81802	12044	30003	85311	02003	82708	88640		334	81902	20606	28804	86211	02808	81703	88705		334	01031	01	1ro		ro	ro	ro				
Squires Gate	318	81306	15211	28904	85611	03000	88640			318	81604	18636	28503	87211	03703	82703	86706	88710		318	07022	01	ro		ro	ro	ro			
Ronaldsway	204	81107	60026	27807	85411	05501	81714	88656		204	80603	62618	27006	85411	03807	81712	85624	88656		204	08051	04	pro		ro	ro				
Mull of Galloway	131	81710	58056	27507	86411	06400	88715			131	82113	64636	27205	87411	03603	88712		131	08041											
Eskdalemuir	162	80000	56686	29201	85311	00705	84709	88630		162	80000	35606	28501	85311	00606	82707	84712	88635		162	01007	51	ro		ro	ro	ro	ro	ro	ro
Prestwick	135	81306	56216	27905	85511	03803	82622	88628		135	81606	50516	27305	85511	03608	88620		135	02031	03	1ro		ro	ro	ro	ro	ro	ro	ro	ro
Abbotsinch	140	60000	07416	28501	65011	01504	83701	85640		140	80902	12616	27602	85211	02709	81703	84714	88620		140	01011	51	ro		ro	ro	ro	ro	ro	ro
Leuchars	171	82505	22104	28601	85711	01701	88656			171	82406	20602	27901	85611	01706	88645		171	97015	50	+		ro	ro	ro	ro	ro	ro	ro	ro
Dyce	091	73502	25102	27501	75011	00701	81700	87645		091	70000	60052	27401	75711	00702	87650		091	00016	51	+		+		+					
Lerwick	005	81512	62216	26806	85311	05500	83707	88618		005	81705	60026	26506	85311	05703	81709	88634		005	97										

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

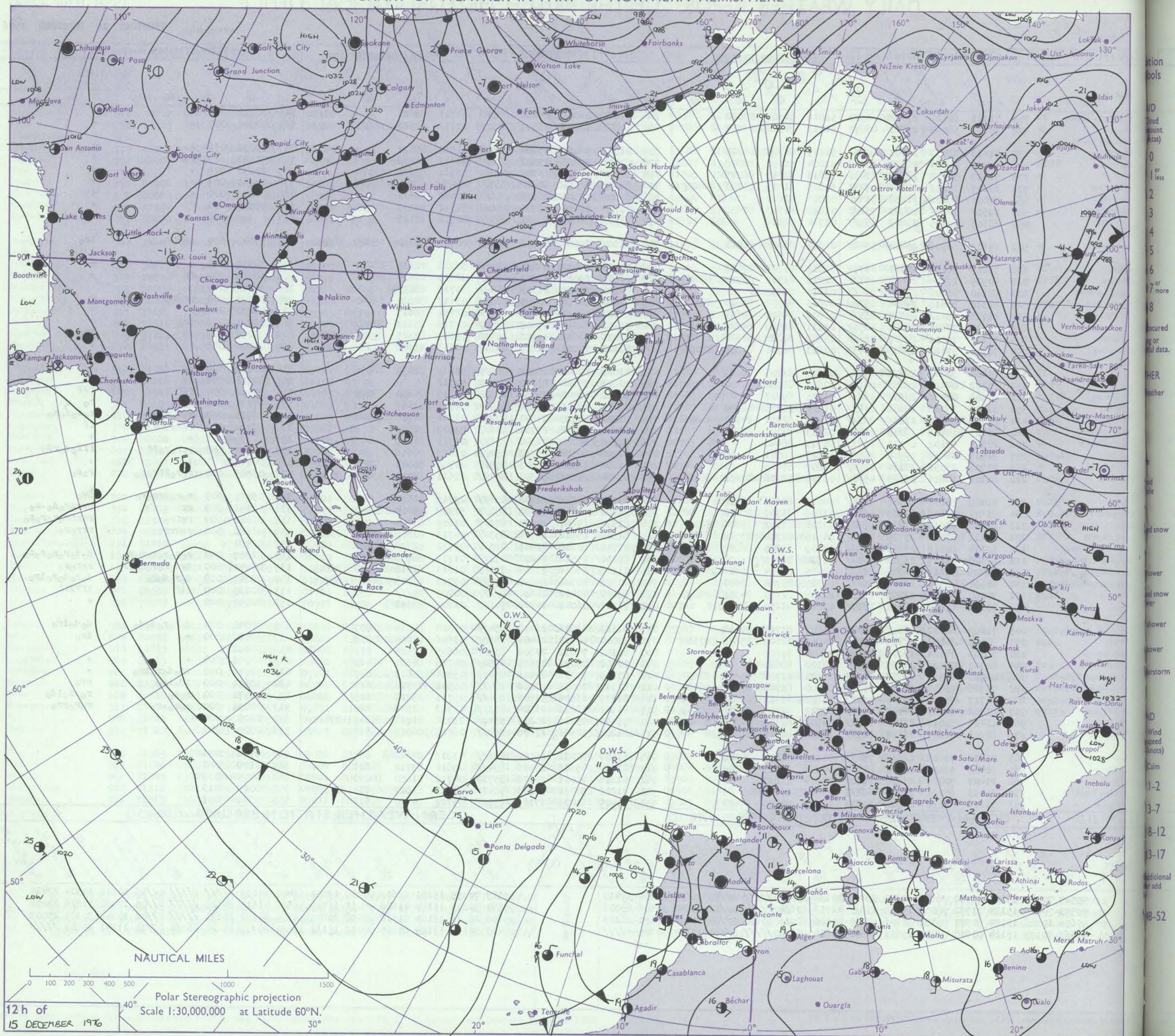
ISSN 0307-2541

No. 42028

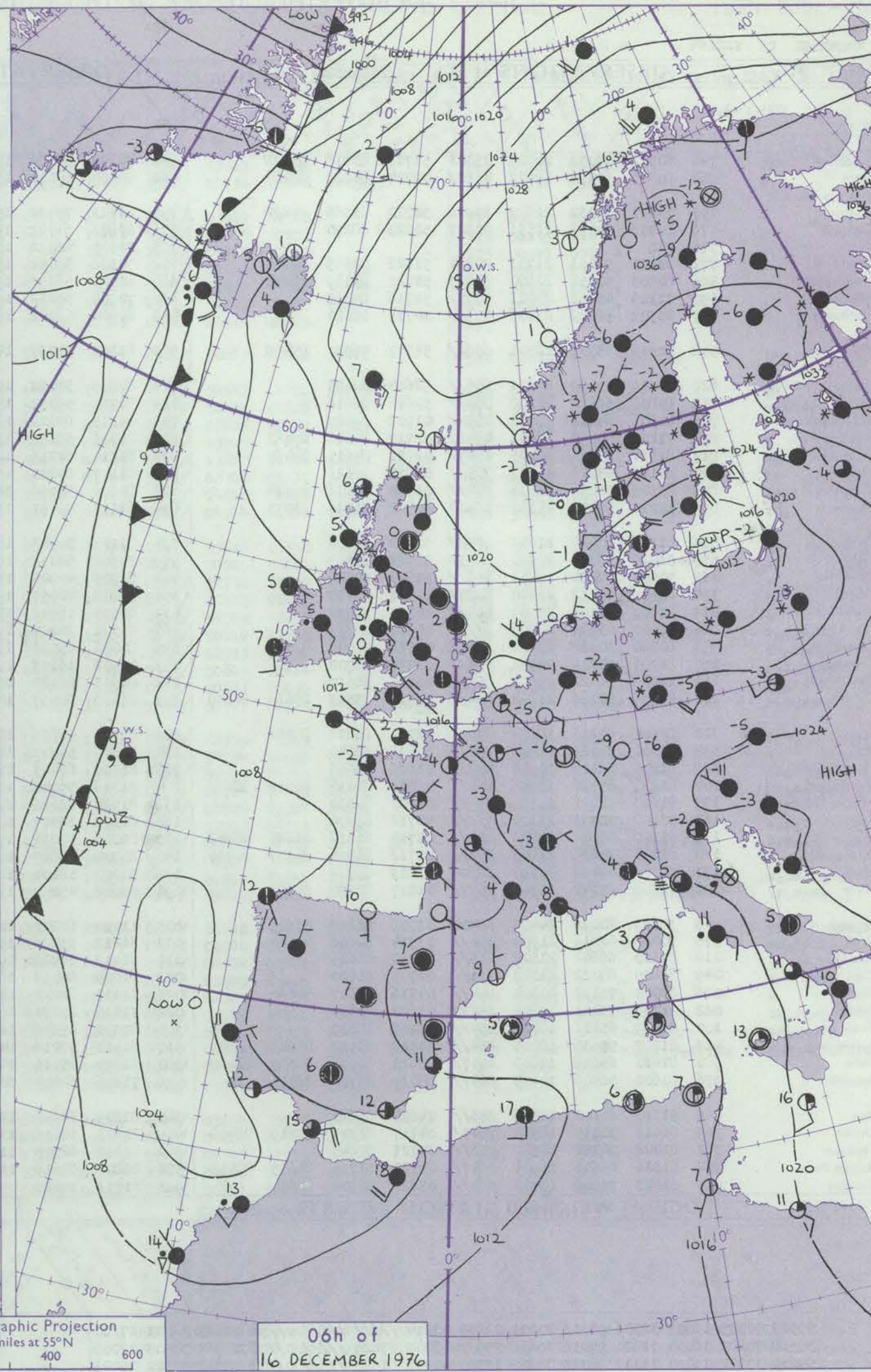
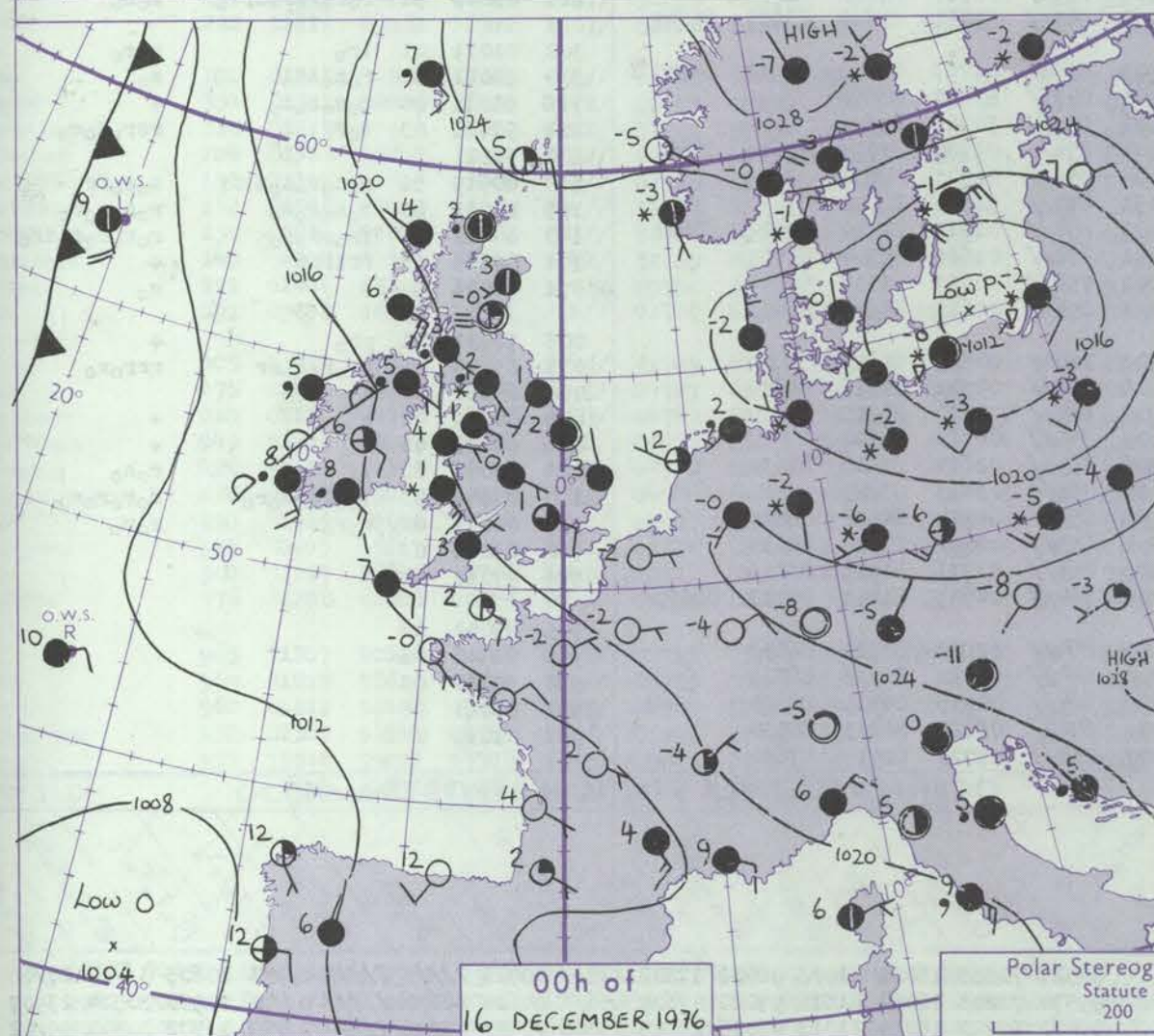
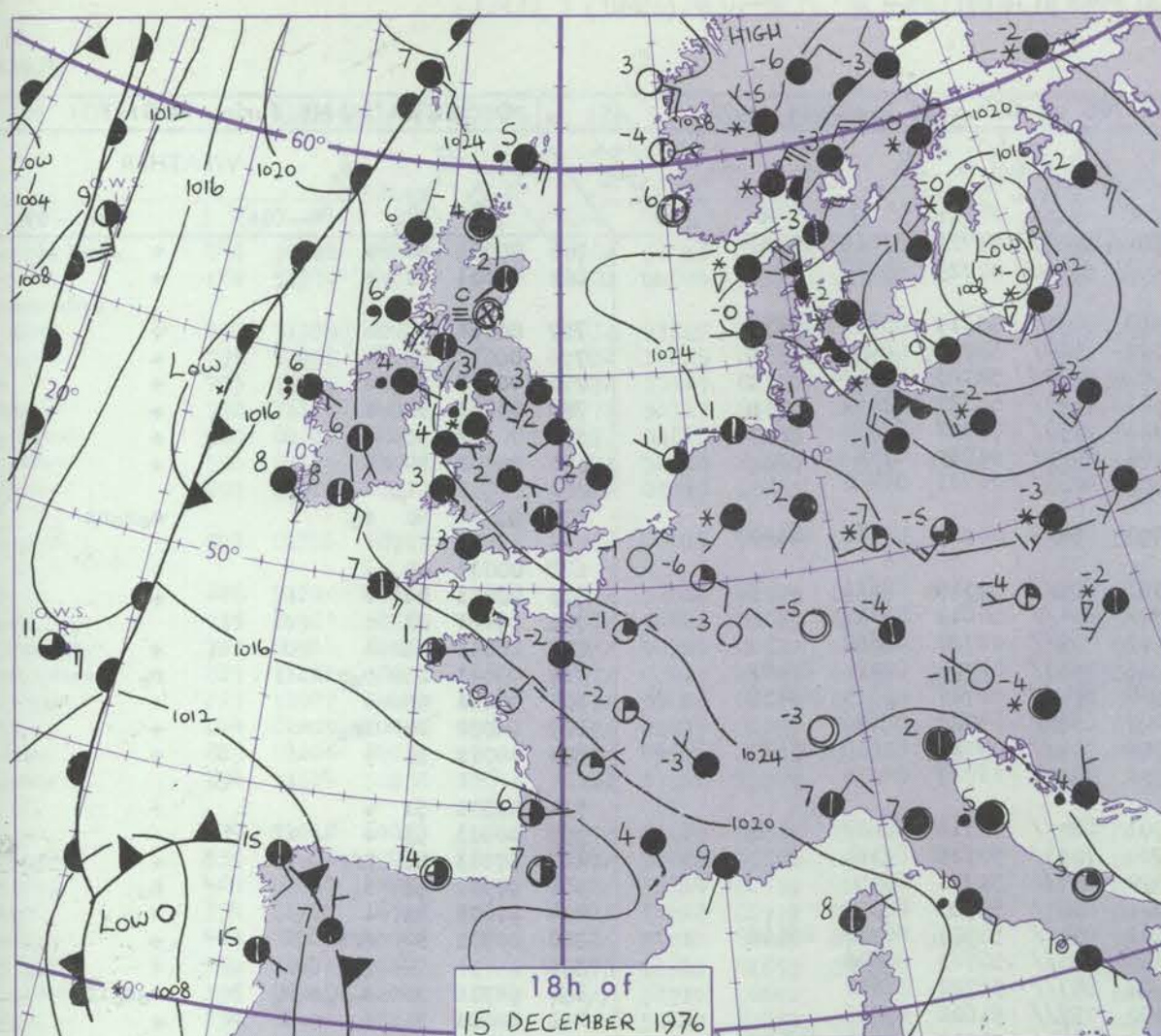
Date of Issue THURSDAY 16 DECEMBER 1976

Code FM II.D		OBSERVATIONS at 12h. 15 DECEMBER 1976										OBSERVATIONS at 18h. 15 DECEMBER 1976										OBSERVATIONS during DAY					
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _M CH	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 app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT T x F	SSS	WEATHER					
																						09h.—15h.	15h.—21h.				
Boscombe Down	746	71011	68022	27402	30932	51816	83365	87070		746	80810	58052	24201	855//	51711	88620			746	00021	002	+		+			
Hurn	862	70809	58055	27203	40972	51813	84360	86075		862	80807	58052	23502	855//	00712	82620	88626		862	00041	000	+		+			
Thorney Island																											
Manston	797	51411	62031	28403	10931	52815	81360	85075		797	51507	56051	25600	00901	51812	85072			797	00033	056	+		+			
Gatwick	776	70707	50054	28202	15838	51814	81657	87078		776	80808	50052	25001	854//	52613	88618			776	00023	007	FF		+			
Kew	775	71003	50052	28303	21431	52815	82815	86075		775	70902	56052	25301	30932	53711	83365	87072		775	00033	006	+		+			
Heathrow	772	61207	37051	28303	11431	51815	81819	83363	86075	772	71105	59032	25101	55532	52713	85622	87075		772	00041	003	+		+			
Honington	586	70000	25102	28951	756//	51816	87630			586	80602	12102	26100	856//	00610	88633			586	00003	000	+		+			
Wattisham	590	70502	32102	28901	752//	01812	81703	87633		590	70706	50054	25701	25602	51712	82635	87075		590	00023	000	f		+			
Gorleston	497	82505	40025	29003	855//	01714	88628			497	83302	32052	26702	855//	00712	88625			497		000			+			
Aberporth	502	81613	60506	25404	5552/	01810	85625	88461		502	81310	50056	22303	855//	00706	81620	85625	88650	502	97041	000	ir o i d o		ir o			
Filton	628	71009	56052	27402	25372	51812	81707	87072		628	80908	56052	24002	2562/	52712	82635	88462		628	00031	000	+		+			
Rhoose	715	80909	17104	27002	851//	02815	81702	85704	88614	715	80811	59052	23502	6547/	52813	86614	88460		715	00031	000	ff		+			
Hartland Point	703	80910	56808	25304	854//	03810	88615			703	80908	64038	21304	855//	50715	88629			703	97050	000						
Mount Batten	827	81310	30618	24506	6532/	04813	82708	85616	88457	827	81010	50056	20705	855//	03617	82620	88640		827	03071	000	pr o r o r		+			
St. Mawgan	817	81716	65022	24507	855//	03809	84625	88638		817	81311	58032	20505	854//	02714	88615			817	00070	000	+		+			
Scilly	804	71313	70601	23707	5853/	05811	81820	84623	87360	804	71213	62026	19407	5557/	04716	85620	87360		804	92081	005	ir o		+			
Culdrose	809	71114	75051	24207	785//	03808	82820	87626		809	71013	50052	19906	25532	03617	82625	85359	86075	809	97081	000	+		ir o			
Guernsey	894	70910	57052	25603	26432	00813	82710	84359	87075	894	81112	57052	21802	16337	00613	81708	83360	88270	894	00031	000	+		+			
Elmdon	534	81404	30042	28402	852//	01810	83705	88635		534	81005	60042	25202	856//	51614	82635	88656		534	00031	000	+		+			
Cardington	559	80902	04424	29200	861//	00812	88702			559	00802	30104	25850	00900	50712				559	00013	000	FF		FF			
Wittering	462	91906	01434	29301	91//	01815	89702			462	70902	03404	26550	45708	50613	84650	87275		462	97013	000	FF		fff			
Watnall	354	82103	25106	28602	852//	01811	85703	88650		354	80000	57215	25602	8092/	50713	88458			354	97031	000	ro do		ro			
Shawbury	414	81706	15614	27803	860//	02813	82701	84704	88706	414	81702	11717	24801	4722/	01714	84704	88540		414	02035	000	ro r o r o s o		ro s o s o s o			
Finnigley	360	81703	18106	28002	2627/	02813	82703	88459		360	81602	45046	25701	856//	01707	88645			360	97031	000	ro r o		ff			
Spurn Point	396	82305	50102	28703	856//	01715	88640			396	82304	50102	26302	856//	01711	88649			396			+		+			
Leeming	257	81507	06614	27902	860//	02813	88701			257	81507	20616	25502	854//	01608	88616			257	04031	000	rrr ro r off		ffr ro r o r d o			
Tynemouth	262	81708	17052	28104	7552/	02809	87625			262	81806	18052	25503	855//	02710	88625			262	00041		+		+			
Carlisle	222	81102	12614	27003	4542/	03813	82716	83632	88459	222	81404	28616	24303	854//	02611	82710	83616	86623	222	03041	000	ro r off r o r o		ro r o			
Valley	302	81008	50636	26305	3542/	04813	83615	88518		302	80907	60046	22804	856//	03715	88634			302	05061	000	ro r o r r r o r o		ir o			
Ringway	334	81602	18636	27903	853//	01806	83707	88640		334	81602	22697	25701	852//	50708	85704	88640		334	07041	000	rr		rrr r r o s o - s o			
Squires Gate	318	81506	28616	27203	6722/	03814	81703	85706	88520	318	81510	14687	24701	872//	01609	88704			318	08041	000	rr r r o		rrr r r o s o r o s o			
Ronaldsway	204	81411	59636	25705	7542/	04815	82710	83712	87616	204	81313	65616	22806	853//	04713	81709	83711	88615	204	08061	000	rr r r r		rrr r o			
Mull of Galloway	131	82114	80216	25505	885//	03709	83825	88630		131	81711	80616	22405	885//	04712	82825	88630		131	02051							
Eskdalemuir	162	80000	35617	26801	872//	01722	88705			162	80000	25516	24201	872//	01711	88703			162	02027	000	ro s o r o s o r o r o		d o d o r o s o r o s o			
Prestwick	135	81405	59616	26503	854//	03809	83714	88616		135	71108	56216	23502	754//	01613	81616	83620	86635	135	04041	000	d r d o r o r o r o r r		rrr r o			
Abbotsinch	140	80904	40586	26804	854//	03807	85714	88620		140	80503	40586	24003	872//	03713	81705	84708	88713	140	02041	000	d o r o d o r o		d o r o d o r o i r o			
Leuchars	171	70000	20106	27202	25732	02809	82650	84365	86075	171	80000	00471	24600	91//	00709	89//			171	00035	000	f i f		i f f f f			
Dyce	091	70102	62042	26703	1577/	01807	81650	87358		091																	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the last 24 hours a large anticyclone has persisted over central Russia with a strong ridge extending westnorthwestwards to northern Scandinavia. The smaller anticyclone over France declined as pressure fell over a large area from Iberia to southern Britain. Frontal troughs moving eastwards in the Atlantic became slow

moving weak to the west of the British Isles. During the next 24 hours pressure will remain high to the north and low to the south of the British Isles and a cold easterly airstream will extend to many parts of the country.

Issued at midday THURSDAY 16 DECEMBER 1976

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

OBSERVATIONS at 00h. 16 DECEMBER 1976										OBSERVATIONS at 06h. 16 DECEMBER 1976										OBSERVATIONS during NIGHT					
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 s _s	8N _s Ch _s s _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 s _s	8N _s Ch _s s _s	iii	RRT _n h _e	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	60912	57052	20000	35401	51727	83618	85075		746	70009	58052	16200	35477	51721	83616	87360		746	00503	51	+	+		
Hurn	862	00305	60052	19602	4552/	00724	04622	80460		862	50404	65011	15601	55600	00725	85635			862	00011	51	+	+		
Thorney Island																									
Manston	797	71411	62032	22602	10938	52720	81365	87272		797	81413	70032	19002	50977	53019	85363	88272		797	00011	51	+	+		
Gatwick	776	00706	30052	21551	00907	51823	88270			776	00808	64022	17701	858//	53724	88657			776	00513	53	+	+		
Kew	775	NIL								775	71005	62022	17802	7093/	52723	87362			775	00003	52	+	+		
Heathrow	772	61008	56051	21701	20931	51822	82365	86075		772	71108	58052	17801	7093/	52727	87360			772	00001	52	+	+		
Honington	586	00003	30052	22800	50977	51720	85359	88272		586	81002	56052	19401	8097/	51722	88360			586	00513	55	+	+		
Wattisham	590	71106	45052	23001	7097/	51716	87365			590	70904	50052	19401	7097/	51719	87360			590	00503	54	+	+		
Gorleston	497	83502	56022	23703	855//	00715	88620			497	80000	66022	19903	8091/	01721	88460									
Aberporth	502	81516	35702	18301	6562/	51717	86630	88458		502	81107	30737	14700	854//	00717	85712	88620		502	00006	50	so	so so so		
Filton	628	00009	57052	20501	855//	52614	88625			628	00808	57052	16501	854//	51515	88611			628	00011	00	+	+		
Rhoose	715	00008	56052	20102	854//	50616	88616			715	00710	56052	15502	854//	50619	88610			715	00011	01	+	+		
Hartland Point	703	00608	64022	18902	855//	01708	88620			703	81315	62026	13603	855//	01720	88622			703	97020	01				
Mount Batten	827	71209	56052	17505	4541/	02717	04618	87460		827	80705	58052	13205	7557/	02720	87624	88460		827	00041	02	+	+		
St. Mawgan	817	81511	65026	17005	4547/	02721	04619	88460		817	81210	60216	12504	3542/	02727	83615	88458		817	93041	03	ror	ro		
Scilly	804	81110	65022	16807	855//	04712	88628			804	81107	60022	11707	856//	04726	88646			804	00061	05	+	+		
Culdrose	809	00909	56056	16505	884//	03720	88216	88624		809	80809	50056	11906	854//	04722	81616	83620 88630		809	91051	04	iror	+		
Guernsey	894	31212	57051	18102	16402	00722	81710	83075		894	61112	58051	13702	00902	51727	86075			894	00011	51	+	+		
Elmdon	534	81206	50042	21600	857//	51722	88650			534	81108	50042	18301	854//	52718	88618			534	00501	51	+	+		
Cardington	559	51006	30101	22450	5093/	50721	85363			559	70904	56052	18700	7093/	50725	87361			559	00513	53	+	+		
Wittering	462	70906	07424	22851	756//	51823	87646			462	81306	40044	19400	857//	51723	88650			462	97513	51	fff	+		
Watnall	354	00006	40052	22400	8087/	51821	88357			354	81206	40057	19201	8087/	51720	88357			354	97501	51	so	so		
Shawbury	414	81202	30107	21001	856//	00723	88634			414	00905	15042	17301	854//	50720	86710	88618		414	97005	51	+	so		
Finningley	360	90000	03434	22800	9////	00717	89////			360	81502	30104	19150	856//	50723	88645			360	00501	50	ffff	+		
Spurn Point	396	80000	30102	23202	856//	01718	88648			396	80000	65022	19802	857//	51722	88650			396				+		
Leeming	257	81306	14206	22701	861//	01715	88702			257	72702	16107	19350	757//	51622	87656			257	92516	53	dororororor	so so if		
Tynemouth	262	82009	56022	22602	856//	01714	88630			262	81905	61022	20101	5561/	00717	85630	88458		262	00011	51	+	+		
Carlisle	222	81507	50686	21502	854//	01715	83713	85619 88630		222	81106	60037	18201	855//	51721	81622	83635 88645		222	03005	51	rororrsrso	so so		
Valley	302	00504	60216	19104	6567/	02721	86632	88458		302	81412	58636	15503	6532/	01717	83708	86612 88645		302	01021	01	iror	riror		
Ringway	334	81002	58027	21502	857//	52728	88650			334	81308	56707	18501	857//	53817	88650			334	91011	50	rorororor	so		
Squires Gate	318	81108	58017	20901	857//	01826	88656			318	81310	60037	17201	855//	50721	88625			318	91011	00	rorororor	+		
Ronaldsway	204	81216	65016	19705	854//	02815	84714	86632 88650		204	81018	59042	15504	854//	01723	83714	87616 88650		204	93031	03	roror	rsrororor		
Mull of Galloway	131	81617	82026	19005	856//	04720	88630			131	81524	82028	15804	856//	01720	88630			131	91021					
Eskdalemuir	162	90000	02737	21300	9////	50716	89/00			162	81102	12717	18451	870//	51716	88701			162	05519	51	rororororor	so so fff		
Prestwick	135	81107	57602	20803	854//	02714	81618	83624 88642		135	81006	59217	17402	854//	01717	81710	84622 88642		135	01011	00	rorororor	rorororor		
Abbotsinch	140	81006	20636	21403	872//	02712	81705	84707 88710		140	80504	25687	18001	872//	01616	85704	88707		140	04011	00	irorroror	rororororiror		
Leuchars	171	30000	02464	21750	36200	50815	83704			171	70000	18104	18600	754//	00717	83712	87618		171	00515	53	ffff	+		
Dyce	091	72206	57042	21703	2577/	01817	82650	87357		091	83602	45042	19501	856//	00613	84640	88650		091	97006	50	+	ro		
Lerwick	005	30813	70026	24405	38400	02708	81818	83625		005	11012	80020	22003	11400	00609	81818			005	97031	51	pro	+		
Wick	075	70000	60616	21902	754//	01714	84616	87630		075	81212	75026	19906	854//	04711	84715	88630		075	05025	01	irorroror	rrroror		
Sule Skerry	010	81105	66602	21507																					

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

ISSN 0307-2541

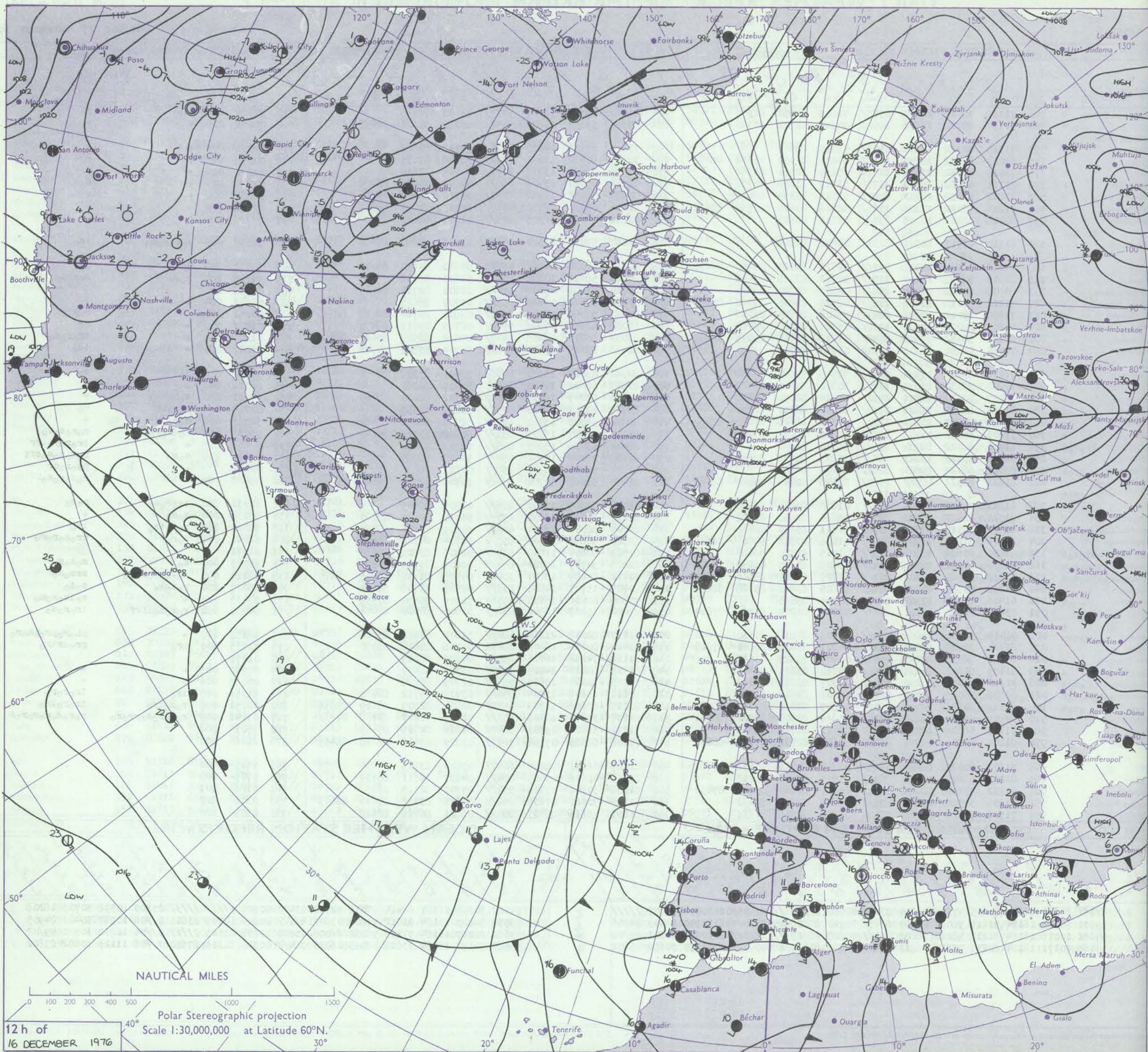
No. 42029

Date of Issue

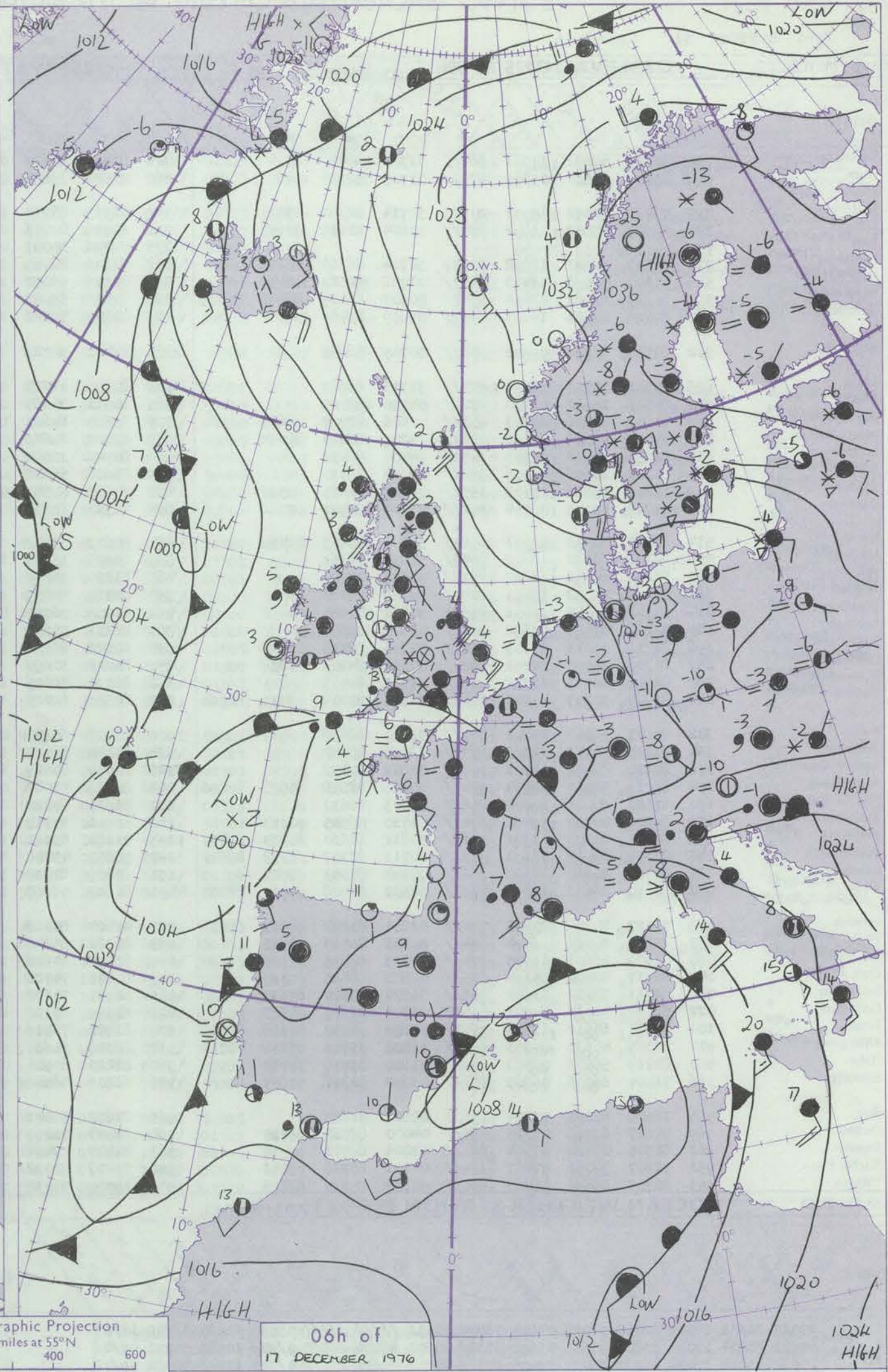
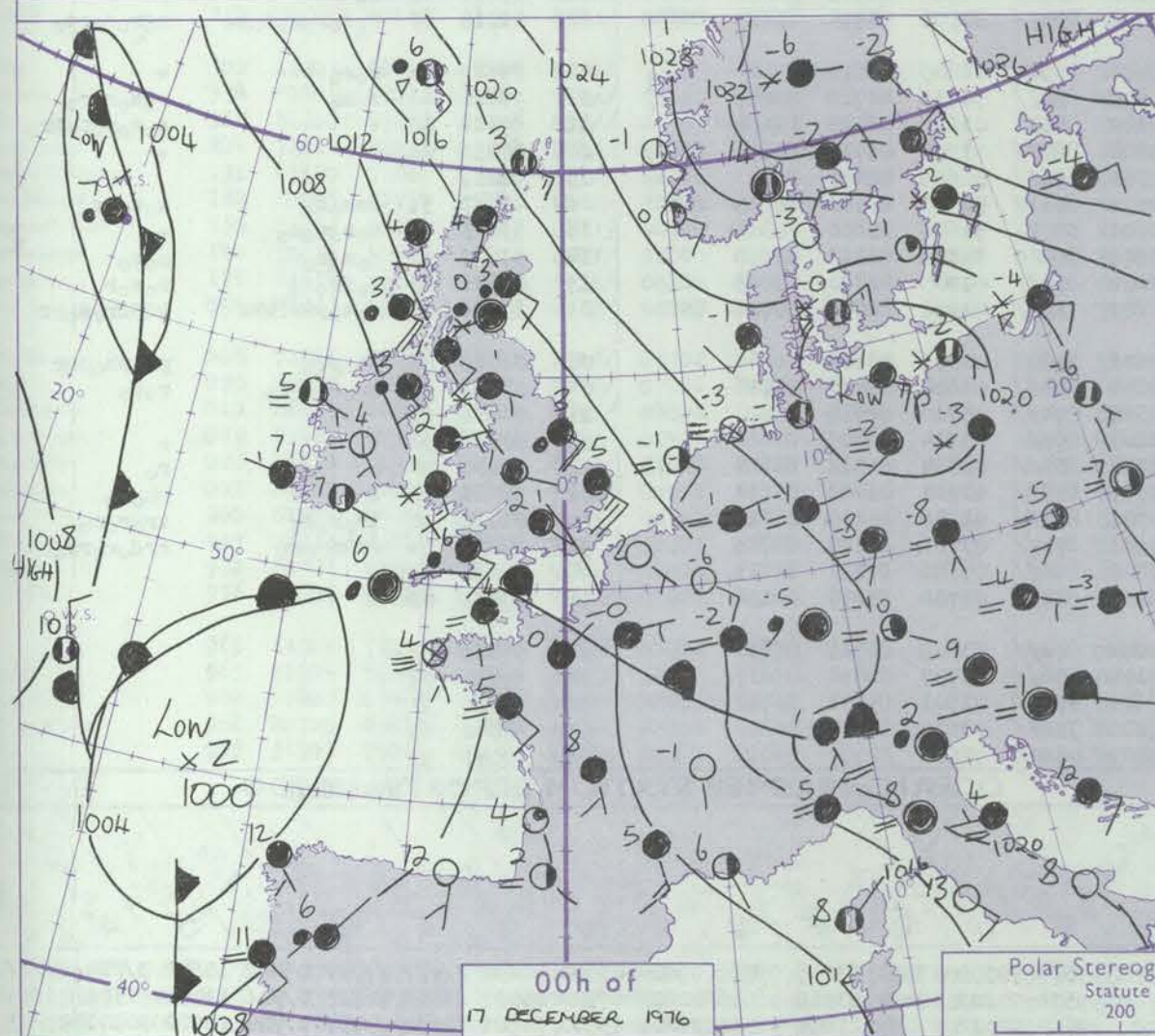
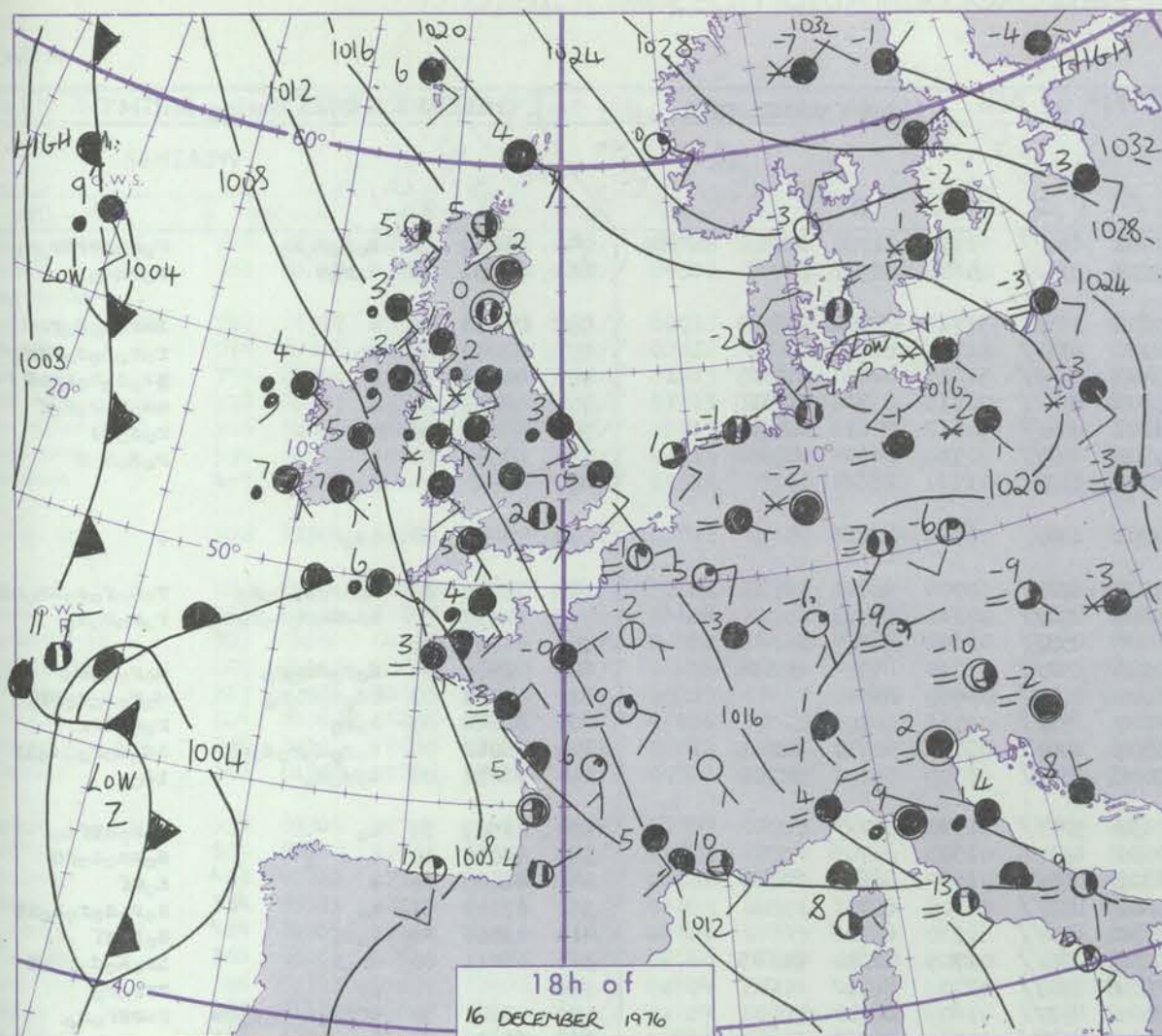
FRIDAY 17 DECEMBER 1976

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		16 DECEMBER 1976										16 DECEMBER 1976										16 DECEMBER 1976									
Station	iii	Nddff	VVwww	PPPTT	NChChCh	Td app	8NChh	8NChh	8NChh	iii	Nddff	VVwww	PPPTT	NChChCh	Td app	8NChh	8NChh	8NChh	iii	RRT + E	SSS	WEATHER									
																						09h.-15h.	15h.-21h.								
Boscombe Down	746	71118	75022	14002	3578/	51815	83650	86359		746	71112	69027	11601	757//	53613	87656			746	97021	000	1s0		JP							
Hurn	862	51114	67012	13606	11580	00814	81822	83360		862	80909	59032	10605	5552/	00710	85626	88458		862	00061	008	+		+							
Thorney Island																															
Manston	797	71315	80022	17303	6563/	53815	86645			797	71218	65022	14503	7097/	53612	87362			797	00031	004	+		+							
Gatwick	776	51013	60011	15703	15032	54815	81657	83362	85072	776	70911	60022	13201	758//	53708	87657			776	00033	026	+		+							
Kew	775	71009	62022	15903	60972	55819	82360	85362		775	70913	70022	13303	7097/	54709	87358			775	00041	008	+		+							
Heathrow	772	71111	64022	16103	35778	53717	83656	84360		772	71112	65022	13402	657/2	54007	86656	83072		772	00031	003	+		+							
Honington	586	80802	56052	18002	8097/	51813	85359	80464		586	80910	56052	15102	8097/	51710	86358	88463		586	00031	000	+		+							
Wattisham	590	81206	65022	17502	3567/	52816	83640	85359	88462	590	81011	65032	14702	4577/	52711	84656	88360		590	00031	000	+		+							
Gorleston	497	81408	62022	18305	855//	01716	88625			497	81212	66022	16305	855//	01710	88625			497		000										
Aberporth	502	81310	18717	12501	8032/	01805	88506			502	81210	57027	10301	2562/	51607	82640	88460		502	02016	000	s0s0r0s0		1s0							
Filton	628	71216	64142	14202	755//	52612	81625	85650	87657	628	61010	64012	11002	45702	54613	84650	86075		628	00031	000	JP		JP							
Rhoose	715	80915	50057	13103	3557/	50612	83625	88358		715	80714	58052	10802	854//	52603	88616			715	97035	000	r0s0		s0shs0							
Hartland Point	703	80908	60026	11704	855//	02503	84620	88650		703	80712	70606	09104	854//	01603	82710	88629		703	01032	000										
Mount Batten	827	71212	58052	10606	1157/	02812	81020	85360	87365	827	80906	50042	08405	855//	03707	88625			827	00071	004	+		+							
St. Mawgan	817	71607	59012	10506	6047/	03808	82814	86620		817	80903	50052	08405	6547/	03802	81714	86610	88359	817	01061	000	+		r0r							
Scilly	804	81205	60022	09507	3257/	05714	83820	80460		804	81002	62638	07706	5542/	06705	85617	88530		804	01072	000	+		rr							
Culdrose	809	81206	57052	09906	5547/	04812	82618	85635	88359	809	81002	50216	08005	5547/	04602	82618	85625	88359	809	01071	000	+		ir0r0r0							
Guernsey	894	71514	50052	11603	76332	01710	87707			894	81513	15515	09004	870//	04704	85701	87702		894	97041	000	+		1d0							
Elmdon	534	71012	61027	15901	7097/	53819	85360	87462		534	80912	65027	13301	8097/	53613	83358	88462		534	97021	000	s0		s0							
Cardington	559	70908	59052	16701	7097/	50820	85360	87462		559	80907	66022	14301	8097/	50709	88360			559	00021	001	+		+							
Wittering	462	81007	20042	18001	2572/	50814	82650	88458		462	80711	57047	15401	2562/	51712	82630	88460		462	97021	000	s0s0		+							
Watnall	354	81210	18702	17601	6742/	51812	86712	88550		354	80709	40107	14400	8092/	51817	88459			354	02026	000	s0s0sf		s0							
Shawbury	414	81006	40047	15601	7552/	51710	82625	87645	88359	414	81006	56042	13001	6572/	52709	86656	88462		414	92025	000	s0s0		+							
Finningley	360	71406	50042	17702	15878	01810	81657	87460		360	80903	57227	15201	853//	50812	81708	88640		360	95031	000	r01r0r0s0		r0r0s0s0							
Spurn Point	396	81208	62022	18704	856//	51710	88640			396	81410	63616	15903	856//	02713	88630			396			+		ir0r0r0-rr							
Leeming	257	82402	35227	18101	856//	51007	82635	88656		257	81407	28702	15702	854//	50609	88614			257	01026	000	s0s0		r0s0s0s0s0sf							
Tynemouth	262	81712	66022	18604	8097/	51806	88358			262	81904	56028	16303	856//	00811	88630			262	92042		+		ps0r0sr							
Carlisle	222	81211	60032	16702	1567/	52806	81648	85360	88464	222	81410	56687	14702	5542/	50706	82713	84640	88459	222	95025	000	+		r0s0r0s0							
Valley	302	81311	70606	13303	855//	01815	83624	88628		302	81007	56687	11302	856//	00709	88645			302	02031	000	ir0r0s0		r0s0							
Ringway	334	81310	62027	16203	2572/	55814	82650	88462		334	81212	65037	13802	6577/	54714	86650	88360		334	97031	000	s0s0		+							
Squires Gate	318	81311	60717	15502	5572/	51811	85650	88460		318	81207	56047	13701	656//	50509	88446	88459		318	97021	000	s0s01s0		1s0							
Ronaldsway	204	81316	50607	13704	804//	01608	83712	85814	88618	204	81320	56686	11703	853//	00704	84708	88618		204	02041	000	r0r0r		rr0s0r0r0							
Mull of Galloway	131	81525	60606	13603	885//	01715	83825	88630		131	81525	60606	11403	885//	02708	83825	88630		131	02031											
Eskdalemuir	162	81108	57057	16750	854//	53808	83710	88630		162	81205	50707	15000	854//	52608	85713	88620		162	95009	000	s0		s0s0s							
Prestwick	135	81211	35687	16101	853//	51705	82708	85615	87630	135	81112	57227	13801	3542/	00605	81712	83615	88460	135	01015	000	r0-r0s0s0s0		sss0s0							
Abbotsinch	140	81208	60707	16402	6542/	51805	83616	85628	88458	140	80707	15717	14601	853//	00705	83706	88614		140	03027	000	r0s0s0		s0s0							
Leuchars	171	61406	65022	17902	5573/	50704	85650			171	70000	62022	16100	6573/	51709	86650	87359		171	97035	005	+		s01s0r0s0							
Dyce	091	83402	06506	18301	852//	01708	81704	83711	87614	091	80000	35237	16702	856//	51606	82630	88640		091	04035	000	r0r0d01r0f		ir0r0s0							
Lerwick	005	71414	82031	21605	704//	01709	84818	87630		005	61117	82018	21104	684//	51802	83816	85														

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours the large anticyclone over central Russia, with a ridge of high pressure towards another anticyclone over north Scandinavia, has persisted. The frontal troughs to the west of the British Isles have remained slow-moving, and the depression off Portugal has deepened a little and moved slowly northwards.

A warm frontal trough has developed from the Southwest Approaches to North France, and has moved slowly north. During the next 24 hours high pressure will persist over Scandinavia, and the depression to the northwest of Portugal will move slowly north, while the warm frontal trough will move slowly northwards over southern England.

Issued at midday FRIDAY 17 DECEMBER 1976

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

OBSERVATIONS at 00h. 17 DECEMBER 1976										OBSERVATIONS at 06h. 17 DECEMBER 1976										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	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	T _g T _e	WEATHER	
																															21h.—03h.	03h.—09h.
Boscombe Down	746	80812	58052	10501	864//	51705	88710			746	80912	30617	07701	870//	00713	81700	86702	88704	746	06001	00	s0s0r0s0								s0s0r0s0	r0s0r0r0r0r0	
Hurn	862	81008	35582	09305	873//	03709	88709			862	80502	35635	07204	873//	04608	88708			862	02031	03	d0r0r								d0r0r	r0rRd0	
Thorney Island																																
Manston	797	71415	70022	12902	20978	53714	82360	87270		797	81315	65772	10601	3732/	51716	83708	88459		797	04011	50	+								shr0s0d0rr		
Gatwick	776	80907	57052	11802	854//	53604	83618	88657		776	80506	24717	08701	873//	51720	88707			776	03012	51	sh								r0s0s0s0r0r0r		
Kew	775									775	80706	35797	09401	2742/	51613	82710	88535		775	06017	50	+								s0s0s0s0r0r0r		
Heathrow	772	81207	58032	12202	60977	52704	86365	88272		772	80808	28717	09501	854//	00715	85713	88638		772	05007	50	+								ss0s0r0s0f		
Honington	586	81109	57052	13403	6557/	00708	86622	88458		586	81113	56052	11003	854//	50617	84612	88618		586	94021	00	+								r0s0rs		
Wattisham	590	71215	62022	13404	5547/	00607	82619	84626	87359	590	81016	57052	10702	854//	00718	86614	88656		590	93011	00	+								r0s0s0s		
Gorleston	497	81226	64026	14805	8092/	01609	88460			497	81125	58022	12304	855//	01720	88624			497													
Aberporth	502	81613	56702	08601	856//	50705	88635			502	81401	58027	07701	854//	00707	88616			502	97005	50	1s0								+		
Filton	628	80911	57717	09701	873//	51713	88707			628	80908	18717	07900	870//	50708	88701			628	13008	50									s0s0r0s0r0s0	r0s0r0s0ss0sh	
Rhoose	715	80612	25687	09400	872//	00710	88705			715	80611	30687	07600	872//	00713	88703			715	11517	50									ssssshr0s0r0s0	r0s0r0s0	
Hartland Point	703	80608	60216	07903	853//	02606	82707	88629		703	80804	64607	06004	855//	03612	88627			703	04032	02											
Mount Batten	827	81507	45616	07106	854//	05709	83614	88635		827	81002	20616	05706	852//	05710	84704	88636		827	02051	04									d0r0rr0r0	d0r0r0r0	
St. Mawgan	817	81804	35056	07505	8092/	04400	88458			817	80902	30586	06004	874//	04709	88710			817	05031	03									rd0r0d0r0	d0r0d0r0rr	
Scilly	804	80000	60616	07106	874//	06804	88710			804	81606	56616	04609	873//	09716	88706			804	25062	05									r0r0	r0r0rrr	
Culdrose	809	81202	50586	07405	1552/	05603	81625	88556		809	80806	20586	05505	854//	05710	84710	88615		809	03042	04									r0r0d0r0d0d0	1d0d0r01d01r	
Guernsey	894	81712	40105	08604	862//	04704	85704	87706		894	81711	18105	07006	860//	05709	85701	88702		894	93031	03									ddd0d0	1d0	
Elmdon	534	81007	60042	12301	6562/	52808	86643	88459		534	90803	09732	10150	9////	51710	89////			534	03517	51	s0									s0s0ssfs0	
Cardington	559	81306	61022	12602	8097/	51804	88363			559	81205	35717	10901	873//	01505	88706			559	04007	50	+									s0ss0s0ss	
Wittering	462	71210	60012	13602	757//	50605	87650			462	81210	56682	11702	854//	01510	86615	88630		462	01005	00	+									s0sf	
Watnall	354	80809	56052	13401	8097/	50708	88360			354	81110	40697	11301	870//	00708	88700			354	03005	51	s0									s0r0s0r0s0rs	
Shawbury	414	81108	56042	11401	45510	50711	83620	84460		414	80904	06737	09600	872//	50710	88705			414	03507	51	s0s0								s0s0sf		
Finningley	360	81207	65027	13602	857//	01810	88650			360	81211	56617	11603	855//	02709	82620	88645		360	02011	00	1r0s0								1r0s0d0r0rr		
Spurn Point	396	81218	65636	15103	874//	02706	88715			396	81128	66636	12804	874//	02709	88712			396			rr								rrr0r0		
Leeming	257	81308	25687	14201	852//	00811	84703	88618		257	81212	30697	12501	872//	01609	88704			257	06001	50	sfrr0s0r0s0rs								rsrsr0r0		
Tynemouth	262	81508	56687	15702	8062/	01701	88535			262	81014	56697	14202	8052/	01709	88525			262	15022	00	rs								rs		
Carlisle	222	81007	30717	13301	853//	00811	81708	84715	88624	222	80908	62027	11702	7547/	50606	81714	83624	86650	222	01015	00	r0s0r0s0s0s0								r0r0s0r0s0		
Valley	302	80807	58047	09802	857//	51710	88650			302	10707	65021	08450	15500	52809	81620			302	97523	54	r0r0								+		
Ringway	334	81215	56042	12203	857//	53816	88650			334	81309	56617	10303	854//	51716	82712	88645		334	97021	01	r0s0								r0s0r0r0		
Squires Gate	318	81210	60022	11701	8092/	00812	88458			318	81210	60227	10102	855//	01609	86625	88650		318	97011	00	+									s0s0r0s01r0	
Ronaldsway	204	81219	58047	10404	884//	50708	81818	83622	88656	204	81218	57042	09004	804//	01706	81715	84818	88625	204	00031	01	+									+	
Mull of Galloway	131	81620	80026	10204	856//	01603	88630			131	81620	80022	08904	856//	00606	88630			131	91031												

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

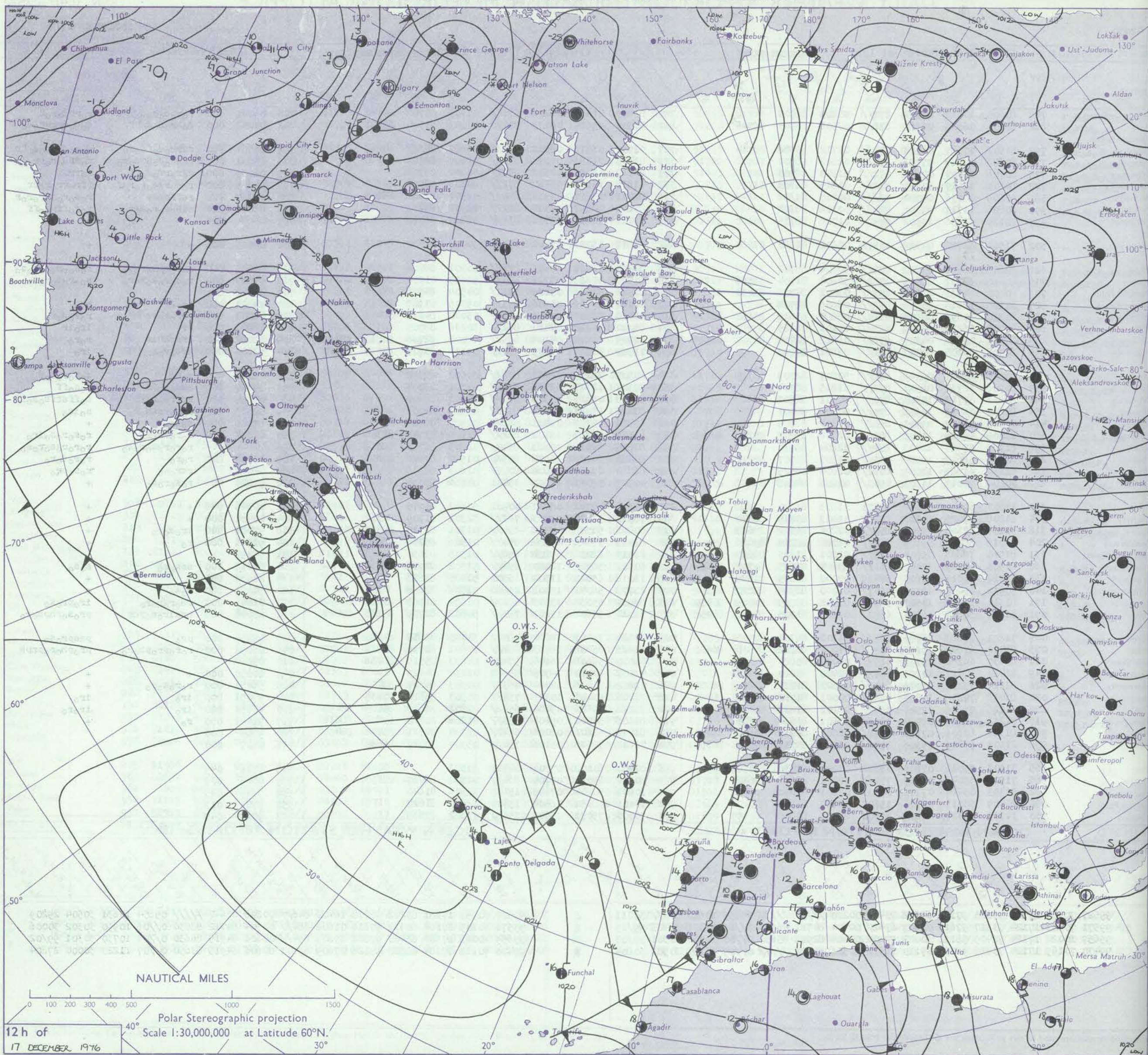
ISSN 0307-2541

No. 42030

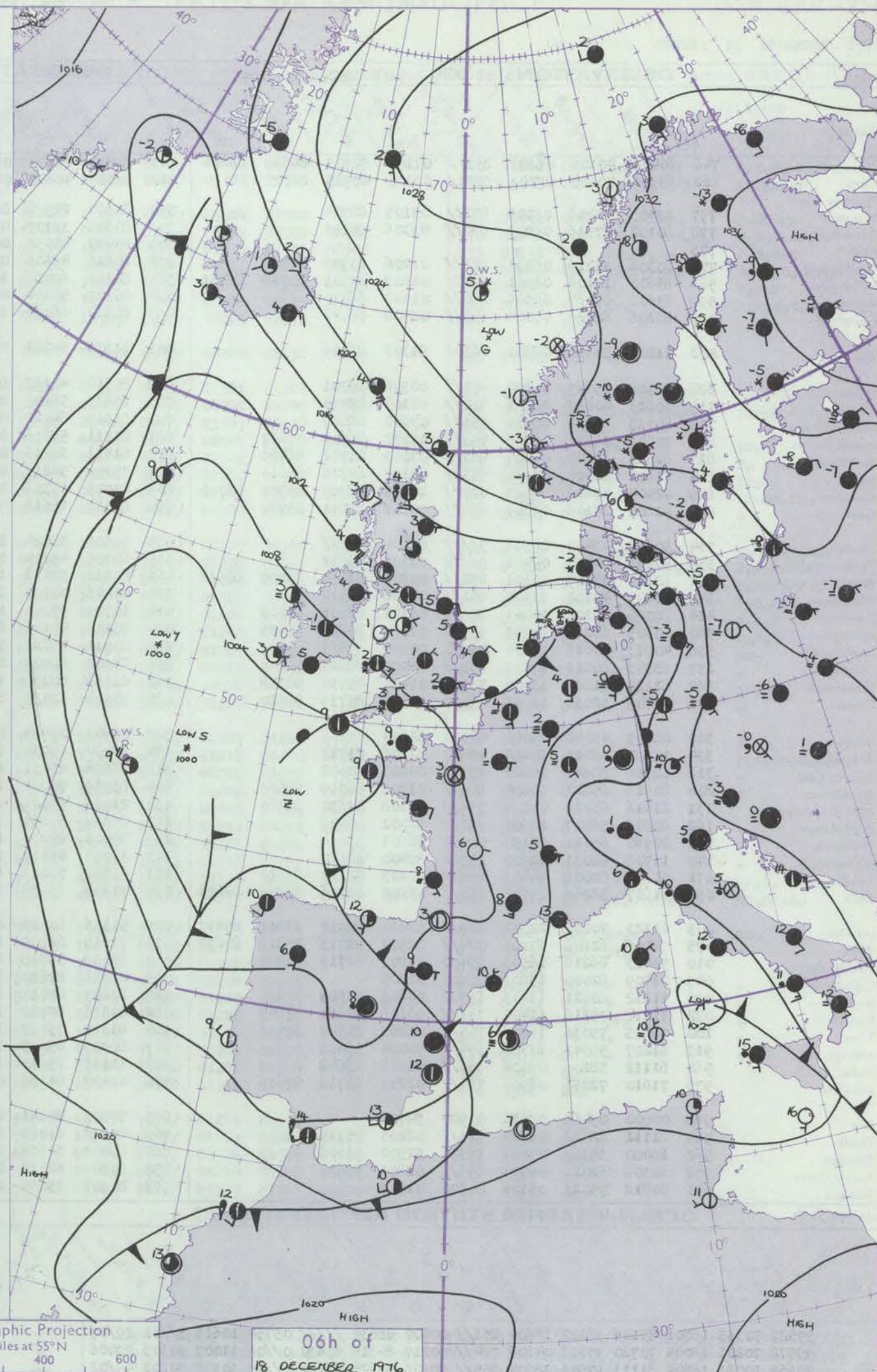
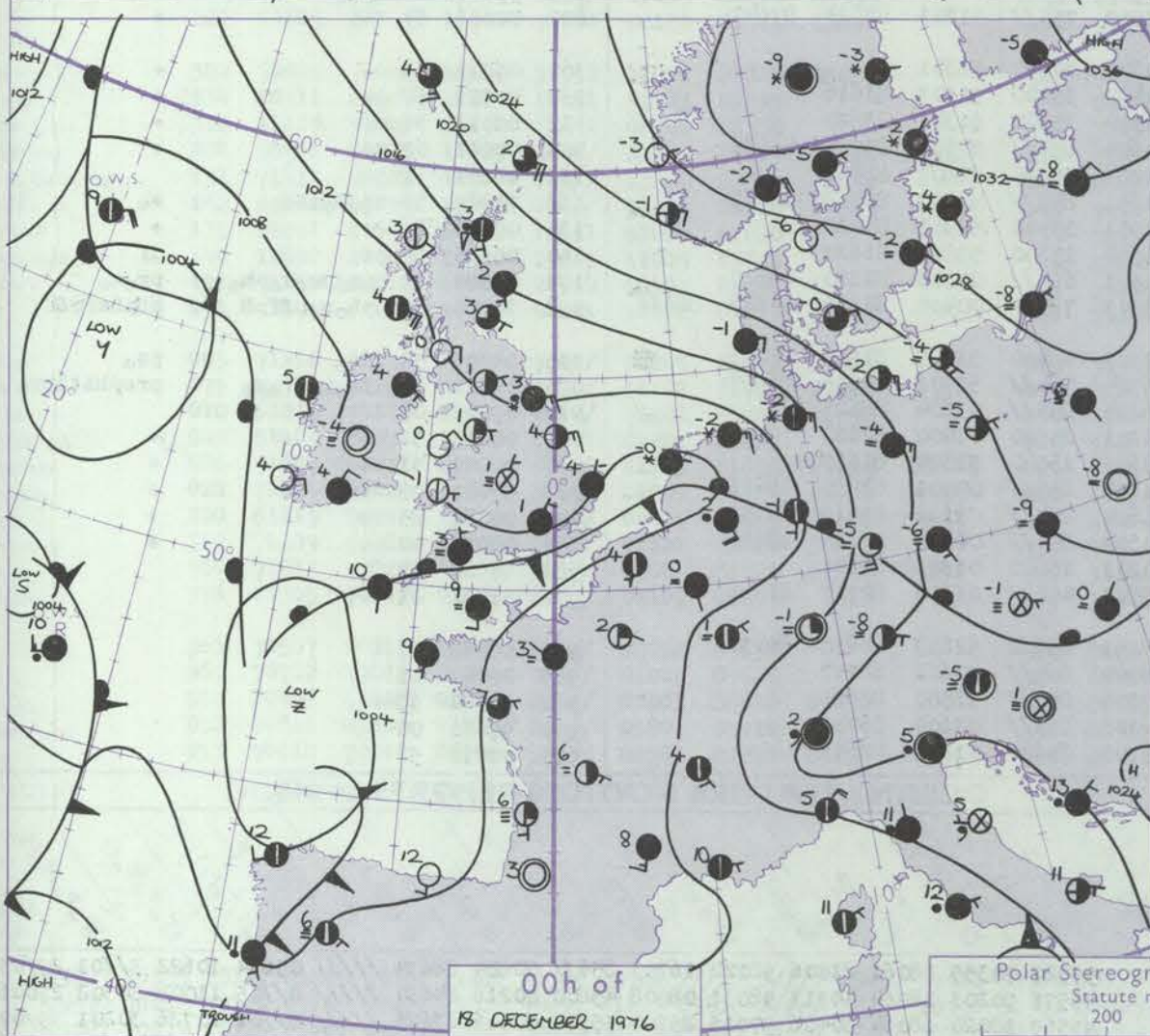
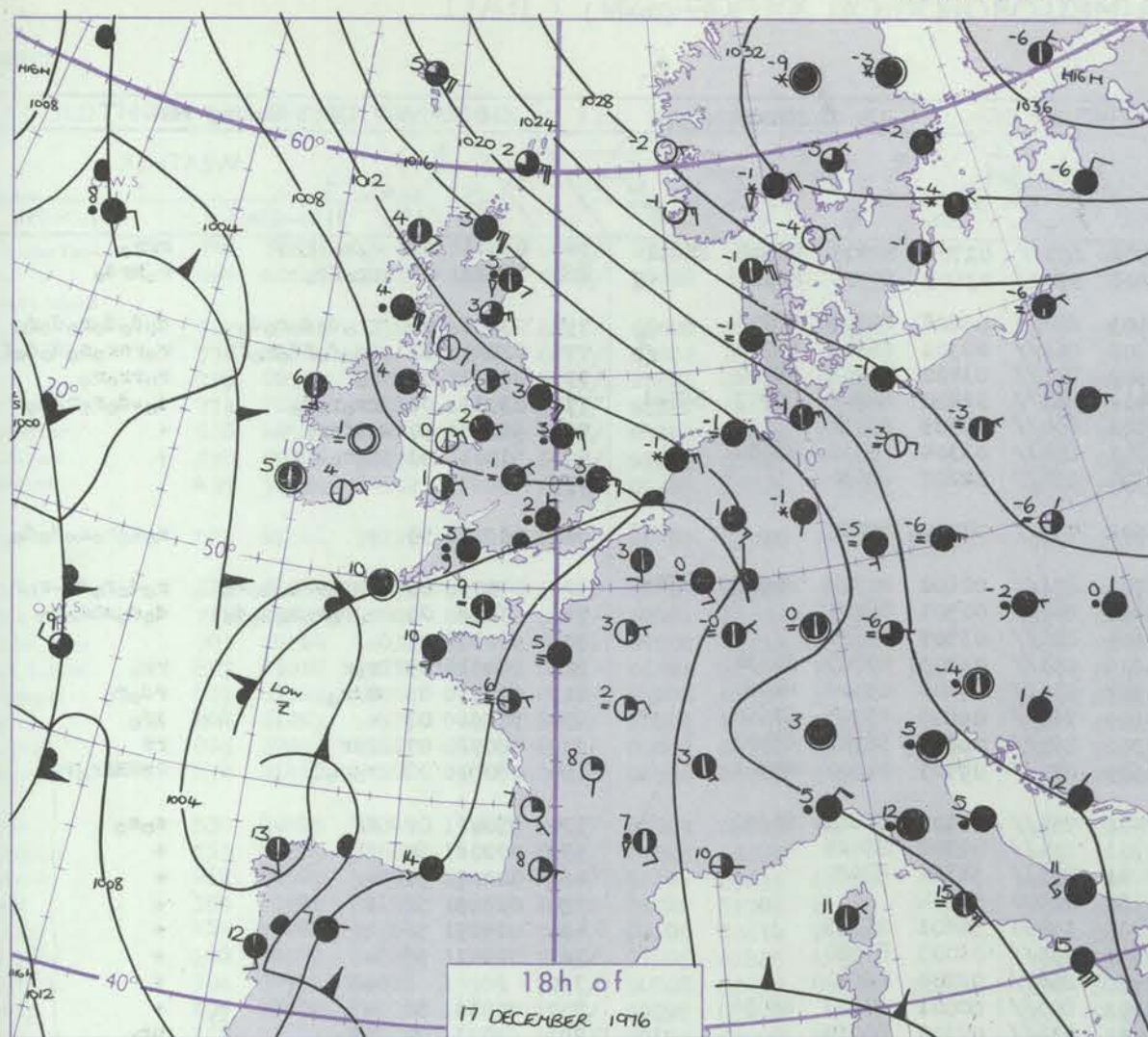
Date of Issue 18 DECEMBER 1976

OBSERVATIONS at 12h. 17 DECEMBER 1976										OBSERVATIONS at 18h. 17 DECEMBER 1976										OBSERVATIONS during DAY									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h 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 _h 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 x E	SSs	WEATHER							
																						09h.—15h.	15h.—21h.						
Boscombe Down	746	00609	10536	07501	870//	01805	88701			746	80403	25586	07201	5712//	01101	85702	88540			746	05021	000	r _o r _o d _o d _o d _o r _o d	r _o r _o d _o d _o d _o r _o d					
Hurn	862	80204	06516	06904	872//	04506	86703	88706		862	80305	23614	06503	852//	03003	83704	88621			862	04042	000	d _o -r _o d _o d _o d _o ff	d _o d _o d _o d _o d _o d _o d _o					
Thorney Island																													
Manston	797	81507	17587	08703	871//	02712	85702	88704		797	91905	03516	06506	9//	06607	89//								797	05061	000	r _o r _o d _o d _o d _o d _o r _o d	d _o r _o d _o d _o d _o d _o d _o r	
Gatwick	776	80606	07517	07602	870//	02812	88700			776	83405	09586	07002	870//	02500	88701								776	05031	000	r _o r _o d _o d _o d _o d _o d _o r _o d	d _o ff d _o r _o r _o r _o r	
Kew	775	80706	13207	07801	872//	01813	88703			775	83503	13636	07502	873//	02302	88706								775	06035	000	r _o r _o d _o d _o d _o d _o ff	r _o r _o r _o r _o r	
Heathrow	772	80806	12617	07901	872//	01815	88703			772	83603	18636	07602	872//	02203	88704								772	07025	000	r _o s _o r _o s _o r _o r _o d	f _o r _o r _o r _o r _o r	
Honington	586	90809	08736	09700	9//	00815	89/01			586	00203	15617	07701	870//	01506	85701	88705							586	05027	000	r _o s _o r _o s _o r _o r _o d	r _o s _o r _o s _o r _o r _o d	
Wattisham	590	80808	10717	09301	872//	01716	88704			590	80102	04697	07502	860//	02502	88700								590	06021	000	s _o s _o s _o r _o s _o r _o d	r _o r _o d _o d _o d _o d _o ff	
Gorleston	497	81124	32636	10902	874//	01716	88715			497	81015	36636	07703	874//	02712	88715								497		000			
Aberporth	502	71504	62022	07602	1557/	00802	81620	87360		502	40808	58051	07401	15532	50002	81620	84075					502	00025	005	+	+			
Filton	628	80606	18687	07800	871//	50804	88702			628	80307	18687	07601	871//	00301	88702								628	11017	000	sh _o r _o s _o s _o r _o r _o s _o	r _o s _o -r _o s _o r _o s _o	
Rhoose	715	80610	38237	07501	1722/	50804	81704	88557		715	80512	40617	07001	852//	50603	81704	84625	88640					715	04017	000	r _o s _o r _o s _o r _o r _o	r _o -r _o s _o r _o r _o		
Hartland Point	703	80000	64636	06504	853//	03002	84708	83630		703	80912	60606	05105	853//	04500	84706	83630								703	05052	000		
Mount Batten	827	81106	12616	05606	872//	06806	88704			827	81110	57616	04906	853//	05305	83707	88616								827	14071	000	ir _o Rr	r _o
St. Mawgan	817	80910	30696	05505	6542/	05807	83612	86650	88459	817	81110	56587	04406	4542/	05000	84613	88458								817	05071	000	r _o r _o r _o r _o s	r _o r _o d _o r _o
Scilly	804	80702	56216	04409	855//	09103	88625			804	80000	50216	04410	862//	10206	88705									804	06102	000	rr	ir _o ir
Culdrose	809	80611	09656	04307	6722/	06812	82704	86707	88525	809	80705	10106	04108	6632/	08000	82706	86710	88459					809	22092	000	ir _o r _o r _o r _o r	r _o r _o		
Guernsey	894	81908	35105	07407	862//	07801	87703			894	71909	40106	06909	752//	09304	83705	84616	87620					894	92101	000	dr _o d _o r _o d	ir _o		
Elmdon	534	80906	20717	09401	872//	50807	82703	88705		534	80505	20107	08701	861//	00602	88702								534	01016	000	s _o s _o	s _o s _o r _o s _o d	
Cardington	559	80908	12737	08901	872//	01815	88704			559	80304	12717	08301	872//	01301	88704								559	07017	000	s _o s _o s _o ff	s _o s _o ff	
Wittering	462	80811	07717	10500	870//	00811	88700			462	80408	05717	09300	870//	00501	88700								462	05017	000	s _o s _o s _o ff	s _o ff s _o s _o ff	
Watnall	354	80811	08716	10601	870//	00808	88701			354	80611	15227	09201	870//	01503	88701								354	02015	000	r _o s _o r _o s _o s _o	s _o i s _o	
Shawbury	414	80905	33107	09401	862//	00804	88705			414	80806	15102	09001	862//	00500	88705								414	97016	000	s _o i s _o	+	
Finningley	360	81209	48616	11402	853//	02706	83707	85710	88645	360	80706	56217	10102	872//	01604	83705	88708					360	01031	000	r _o r _o r _o s _o	r _o s _o r _o s _o ir _o			
Spurn Point	396	81123	57687	12403	874//	02804	88710			396	80816	66616	10303	854//	02805	86712	88619					396			r _o r _o r _o s _o r _o s _o	r _o r _o r _o s _o r _o s _o			
Leeming	257	81110	58617	12302	873//	01807	86707	88712		257	80402	60216	11602	855//	01500	83620	88656					257	02031	000	r _o r _o	r _o r _o d _o r _o			
Tynemouth	262	81230	61687	13604	8052/	02604	88525			262	81020	69027	12804	8097/	01603	88358								262	04042		r _o r _o s _o	r _o s _o r _o	
Carlisle	222	70808	70017	11803	4543/	01806	82618	83622	87360	222	40707	58041	11501	35431	00500	82619								222	97031	003	r _o s _o r _o s _o	+	
Valley	302	11003	60040	08402	15501	53803	81620			302	10608	45040	08200	00901	51302	81075								302	00043	048	+	+	
Ringway	334	81208	58026	10403	854//	51003	85715	88640		334	70911	58022	09803	763//	52301	81709	87712								334	00031	000	+	+
Squires Gate	318	81107	57607	09903	855//	02804	86622	88645		318	80806	56046	09702	854//															

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the last 24 hours an anticyclone over western Russia with a ridge northwestwards to northern Scandinavia has remained slow-moving. A complex area of low pressure to the west and southwest of Britain was almost stationary. A warm front moved slowly northwards into southern Counties of England yesterday morning, but retreated south over the English Channel again last night as a small low

developed over the Dover Straits and moved northeast over North Germany. During the next 24 hours pressure will remain high over northern Scandinavia and low over the Bay of Biscay, with a slow-moving trough eastwards along the English Channel towards Poland. A cold easterly airflow will be maintained over the British Isles.

Issued at midday SATURDAY 18 DECEMBER 1976

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

Code FM II.D		OBSERVATIONS at 00h. 18 DECEMBER 1976										OBSERVATIONS at 06h. 18 DECEMBER 1976										OBSERVATIONS during NIGHT					
Station	iii	Nddrf	VVwwWW	PPPTT	N _h C _h M _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	Nddrf	VVwwWW	PPPTT	N _h C _h M _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	RRT _n T _n E	T _g T _g	WEATHER					
																						21h.—03h.	03h.—09h.				
Boscombe Down	746	80405	40106	08102	852//	01103	82703	86709	88616	746	80813	48636	08501	852//	01702	83703	85708	88612	746	03011	01	r _o r _o r _o	rrr _o				
Hurn	862	83506	40635	07603	5722//	03305	85705	88510		862	80610	40635	07303	5722//	03805	85705	88512		862	11022	02	rr _o Rd _o	r _o Rd _o				
Thorney Island																											
Manston	797	83405	40206	08005	872//	05105	88704			797	80304	22586	08905	872//	05202	85703	88706		797	03041	04	rr _o d _o d _o r _o d _o	d _o d _o d _o r _o d _o r _o				
Gatwick	776	80102	07516	08203	870//	03306	88701			776	80505	38107	08502	862//	02301	86703	88704		776	02021	02	dd _o d _o d _o r _o d _o ff	r _o rsr _o s _o d _o d _o d _o ff				
Kew	775									775	80407	45056	09302	873//	01400	83706	88710		775	02021	01	r _o	r _o rr _o r _o				
Heathrow	772	80306	35216	08701	873//	01206	83706	88712		772	80806	45106	09402	863//	02400	82706	85707	88711	772	03011	01	rr _o r _o r _o d _o	d _o -d _o r _o r _o r _o				
Honington	586	83603	12106	08901	860//	01207	82701	83706	88711	586	80206	60026	10101	864//	00303	88711			586	91006	50	r _o ffir _o	+				
Wattisham	590	83608	05467	08501	860//	01303	88700			590	80109	56104	09801	854//	01304	85613	88650		590	91001	51	r _o r _o -ff	+				
Gorleston	497	80206	62026	07004	855//	02706	88620			497	80312	66026	10304	856//	02207	88630			497								
Aberporth	502	11007	50050	08301	16301	51307	81706			502	71316	50681	07002	755//	00710	87627			502	01505	53	+	r _o s _o r _o s _o d _o d _o				
Filton	628	80508	15687	08800	871//	00302	88701			628	80710	40617	08701	871//	00802	83702	86705	88707	628	04006	00	r _o s _o rsr _o s _o r _o	r _o d _o r _o d _o -r _o r				
Rhoose	715	80613	40617	08101	872//	00104	88704			715	80615	56107	08201	862//	00501	88704			715	03006	00	r _o r _o r _o s _o d _o d _o	d _o d _o shr _o r _o				
Hartland Point	703	80715	64216	05404	855//	03000	88629			703	81317	64022	04604	856//	03707	88634			703	96031	03						
Mount Batten	827	70908	56056	05706	753//	05103	81708	87617		827	81211	58216	05206	853//	05503	82707	88634		827	04051	05	r _o r	rr _o				
St. Mawgan	817	81511	30106	04907	861//	07003	81702	88706		817	81411	30216	04507	851//	07603	85702	88620		817	01071	05	r _o r _o	rd _o r _o				
Scilly	804	81802	62022	04610	853//	10101	83706	88613		804	70000	56216	03609	762//	09808	85703	87650		804	97091	07	+	ir _o				
Culdrose	809	82404	09616	04510	872//	10001	82704	83707	88710	809	81005	15106	04208	860//	08702	86701	88702		809	08072	07	frr	rr				
Guernsey	894	81809	25106	07509	860//	09102	83701	88702		894	81510	18616	06609	870//	09707	84700	87701		894	06081	08	r _o r _o ff	rrRRrfr _o r _o				
Elmdon	534	90305	03432	09901	9//	01104	89//			534	70505	58024	10401	754//	00101	85614	86656		534	97006	00	ff	s _o s _o				
Cardington	559	90302	04457	09401	9//	01105	89/02			559	80706	45104	10301	854//	01302	88616			559	00006	50	ff	+				
Wittering	462	80307	28107	10301	852//	01106	82704	86705	88618	462	80210	57022	11001	855//	51102	88620			462	00007	51	+	+				
Watnall	354	80409	40102	10302	861//	01206	88702			354	00206	30101	11151	00900	51204				354	00515	53	+	+				
Shawbury	414	80000	28102	10001	852//	01102	86705	88613		414	10705	57041	10401	15400	50601	81615			414	00525	56	+	+				
Finningley	360	80305	60016	10702	855//	01204	83625	88635		360	70105	40101	11301	755//	01003	87620			360	00001	53	+	+				
Spurn Point	396	40813	80016	10804	45600	00104	84633			396	80714	75021	11405	856//	01204	88640			396			+	+				
Leeming	257	83503	80012	11801	855//	01400	88627			257	83602	80022	12301	855//	00001	82627	88656		257	00011	51	+	+				
Tynemouth	262	81120	81028	13004	5367//	01400	85930	88358		262	61118	80258	13703	636//	02103	86930			262	95031	01	pr _o	pr _o				
Carlisle	222	40705	62031	12001	45400	51000	81715	84620		222	70909	62031	12502	755//	01203	82625	87640		222	00001	54	+	+				
Valley	302	00509	45040	09000	00900	51204				302	00707	70020	09301	00900	51301				302	00513	55	+	+				
Ringway	334	10902	62011	10802	17400	51206	81712			334	30000	65030	11450	35400	51103	83616			334	00513	57	+	+				
Squires Gate	318	30906	58041	10601	25501	00203	82622			318	30606	63031	11200	35500	51301	83620			318	00513	54	+	+				
Ronaldsway	204	80918	65022	10604	854//	01208	84719	88623		204	80919	70022	10604	854//	00500	84718	88624		204	00041	02	+	+				
Mull of Galloway	131	81416	83022	11004	3562//	51108	83630	88460		131	21018	84011	11203	25600	02601	82630			131	00031							
Eskdalemuir	162	80608	56707	12900	873//	51002	88708			162	80506	59027	13651	853//	52207	83708	88625		162	91529	55	s _o s _o is _o	s _o				
Prestwick	135	00910	65011	12150	00900	52801				135	30000	80030	12951	35500	52303	83620			135	00523	56	+	+				
Abbotsinch	140	10708	62031	12900	15500	52400	81620			140	10000	06410	13554	15500	55003	81620			140	00565	58	+	if				
Leuchars	171	61304	80038	14403	654//	00103	82712	86620		171	63602	70028	14501	684//	00303	81810	86620		171	03005	52	pr _o pr _o s _o ph _o	pr _o s _o				
Dyce	091	81607	58268	15602	883//	01801	81706	83814	88623	091	71106	65028	15503	784//	00400	81815	84822	86632	091	10006	50	ph _o s _o p _o SfPH	pHphsfpSf				
Lerwick	005	61123	70268	22002	634//	52400	82912	83815	85622	005	51116	80018	20603	58400	53707	81815	85635		005	04005	50	ps _o	ps _o				
Wick	075	71706	62808	17103	784//	01500	82713	85818	87630	075	71615	62809	16704	784//	52501	83816	86634		075	05012	50	ph _o r _o pr _o s _o	prsphtlpr _o				
Sule Skerry	010	51413	66216	16505	55400	03803	82715	85625		010	81119	58618	16104	855//	03604	88625			010	09022	00						
Cape Wrath	049	01409	88200	15203	00900	02205				049	21408	82020	15201	25500	01400	82620			049	00011	51	+	+				
Stormoway	026	11212	80021	13203	15500	00601	81625			026	11209	80020	13603	15500	51304	81625			026	00021	51	+	+				
Benbecula	022	71218	75216	11405	755//	00106	84624	87643		022	81316	82012	11804	855//	00001	82620	88635		022	97041	03	ir _o	+				
Tiree	100	71225	75036	11004	755//	01205	82622	87656		100	81323	75032	11604	854//	01102	85619	88656		100	00041	03	+	+				
Aldergrove	917	81207	59041	10304	854//	50004	88618			917	80905	65022	10504	854//	00001	82616	88620		917	00031	02	+	+				
Malin	980	81112	58106	09604	856//	02208	88648			980	11115	75011	10203	15600	01303	81640			980	97031	50						
Belmullet	976	71610	72256	06905	754//	02210	82718	87636		976	41407	64108	07803	464//	01304	82717	83636		976	01021	01						
Birr	965	00000	09464	08554	00900	54701				965	70501	30101	08151	656/2	52603	86638	85070		965	97553	57						
Dublin	969	81111	62022	08704	874//	02205	88717			969	80812	81022	08504	864//	00601	88717			969	00041	03						
Shannon	962	10000	35100	07951	16300	51502	81706			962	80403	50101	07700	855//	51500	88625			962	97521	55						
Roches Point	952	80308	62021	06704	855//	02803	88625			952	80309	62022	06005	863//	03604	88709			952	97031	00						
Valentia	953	00812	75021	06104	00900	01501				953	20907	75020	05703	25600	01801	82645			953	00011	52						

Code FM 21.D		OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.																	
O.W.S.		99L _a L _a L _a	QcLoLoLoLo	YYGGIw	Nddff	VVwwW	PPPTT	N _h ChC _M CH	D _s sapp	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 _{wt} T _{wt}	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 ChC _M CH	D _s sapp	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 _{wt} T _{wt}	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w		
C L M R	C	99527	70355	18001	83106	98022	18602	856//	00400	88634	////	05754	10616	3//01	29/07		C L M R	C	99527	70355	18061	81006	98022	16703	856//	00804	88634	////	05654	10622	3//01	29/05	
	L	99572	70201	18004	70720	97038	04808	784//	00217	84815	85630	0//06	11007	30303	27006			L	99571	70203	18064	40313	98031	08008	45600	00216	84630	////	0//05	11008	30302	27006	
	M	99659	10021	18004	81113	97506	28604	855//	00606	88625	////	0//05	10738	30201	99/02			M	99569	10020	18064	30406	97015	25704	35500	00616	83625	////	0//01	10726	30201	99/02	
	R	99470	70168	18004	82516	97606	05109	857//	00814	88650	////	0//08	11216	30501	28806			R	99470	70165	18064	53020	98036	03509	55400	00807	85615	////	0//07	11203	30603	28806	

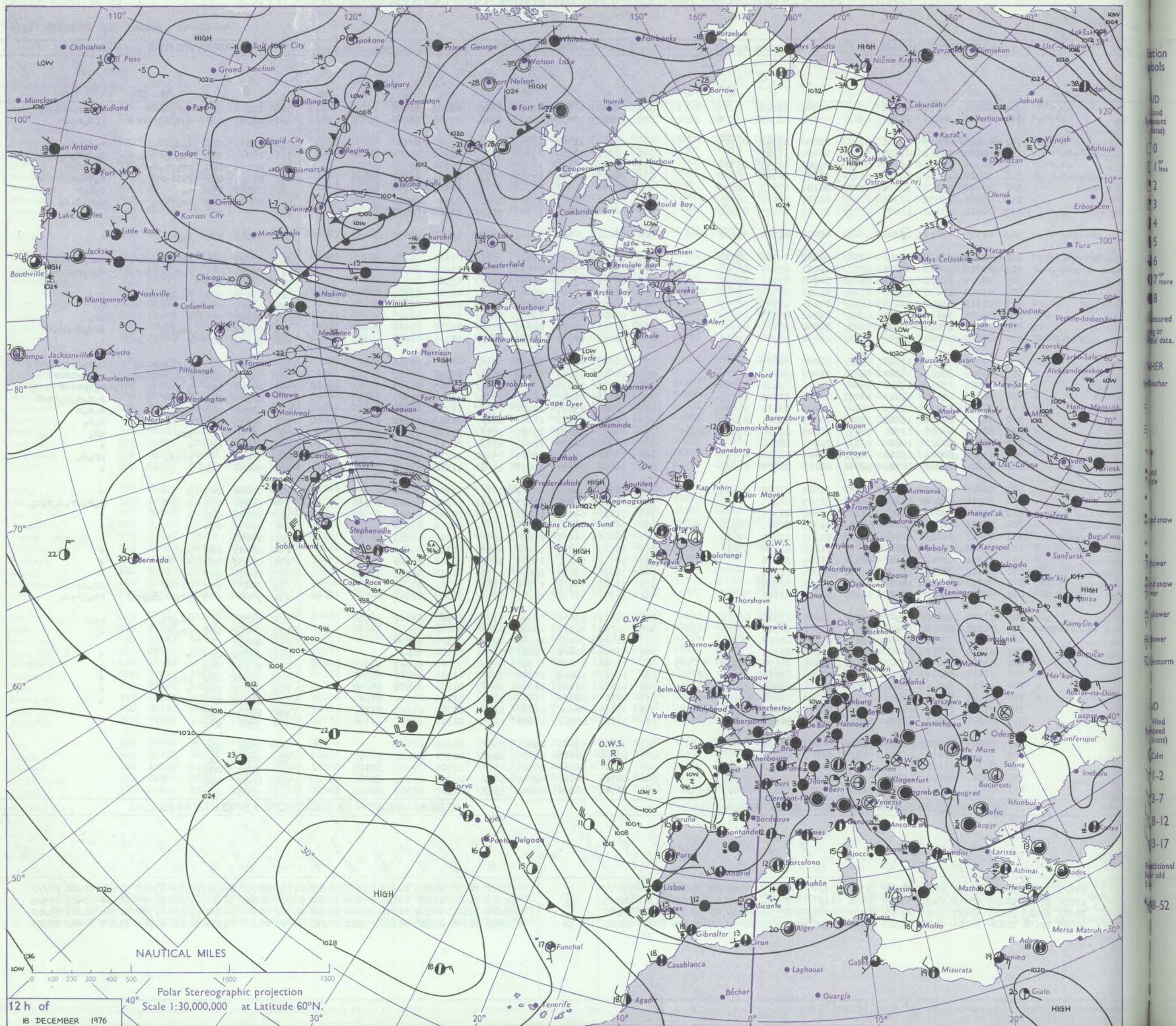
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Date of Issue **SUNDAY 19 DECEMBER 1976**

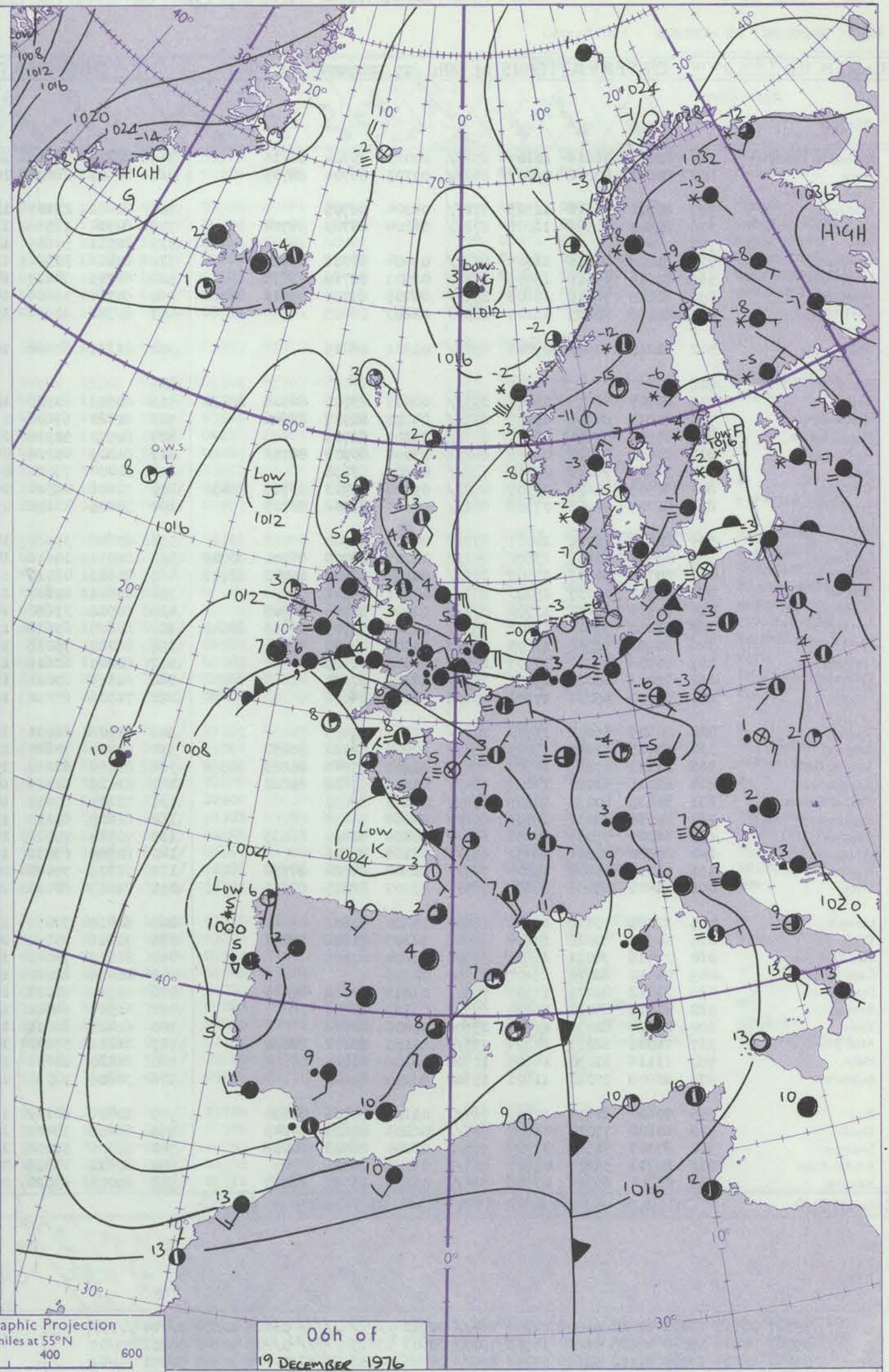
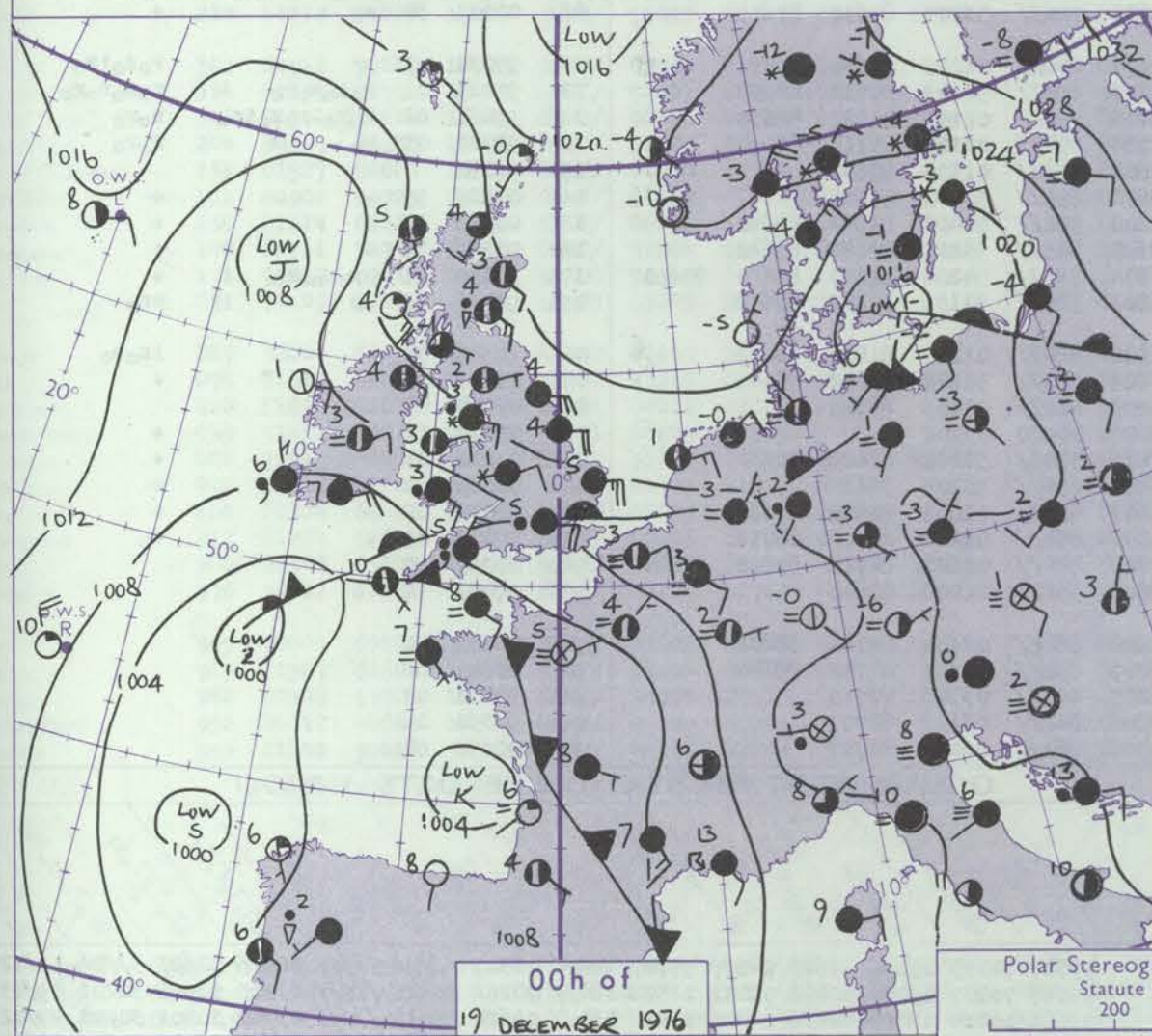
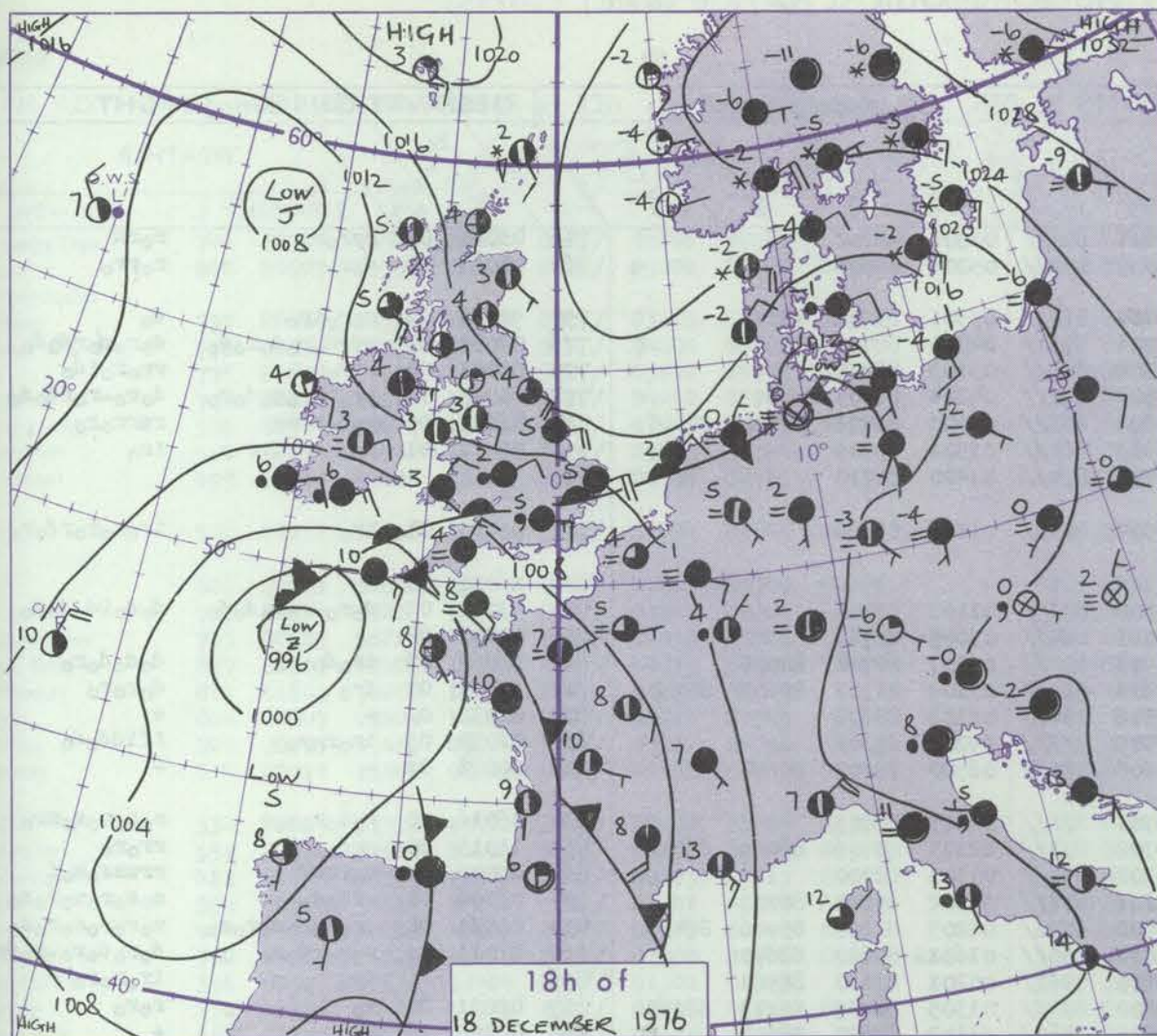
Code FM 21.D	OCEAN WEATHER STATION REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.														
O.W.S.	99L _a L _a L _a	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	N _h C _L hC _M C _H	D _S sapp	8N _S Ch _S h _S	8N _C Ch _S h _S	OT _S T _S T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L _a L _a L _a	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	N _h C _L hC _M C _H	D _S sapp	8N _S Ch _S h _S	8N _C 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	18121	81215	97022	11804	2152/	00724	////	////	05450	10611	30706	////	C	99527	70355	18181	81224	97616	00605	8732/	00751	////	////	05203	10590	30910	////	
L	99570	70205	18124	63413	98031	11608	58431	61117	84818	////	0//05	10950	30301	02005	L	99570	70206	18184	43216	97158	13507	48400	00215	83818	////	0//05	10934	30403	29905	
M	99661	10018	18124	61407	97032	22804	58404	00708	81815	84620	0//02	10726	30101	99/02	M	99660	10018	18184	81009	97582	18803	855//	00821	88620	////	0//02	10712	30201	99/02	
R	99469	70164	18124	30000	98011	04508	39431	00105	81916	83820	0//05	11209	30000	28805	R	99470	70166	18184	40120	98018	06110	43400	00220	81916	82820	0//08	11201	30402	28805	

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 last 24 hours a complex area of low pressure to the west of Britain and France remained stationary. A low over Denmark moved slowly eastwards, with an associated frontal trough almost stationary over southern England. A ridge of high pressure over Scandinavia extended southwards over the North Sea. A low to the west of Sweden remained almost stationary, deepening slowly. During the next

24 hours pressure will remain low over Biscay, and an anticyclone will form over southern Sweden with a ridge extending westwards to Scotland, maintaining an easterly airflow over Britain. The low to the west of Sweden will move slowly north and deepen.

Issued at midday SUNDAY 19 DECEMBER 1976

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

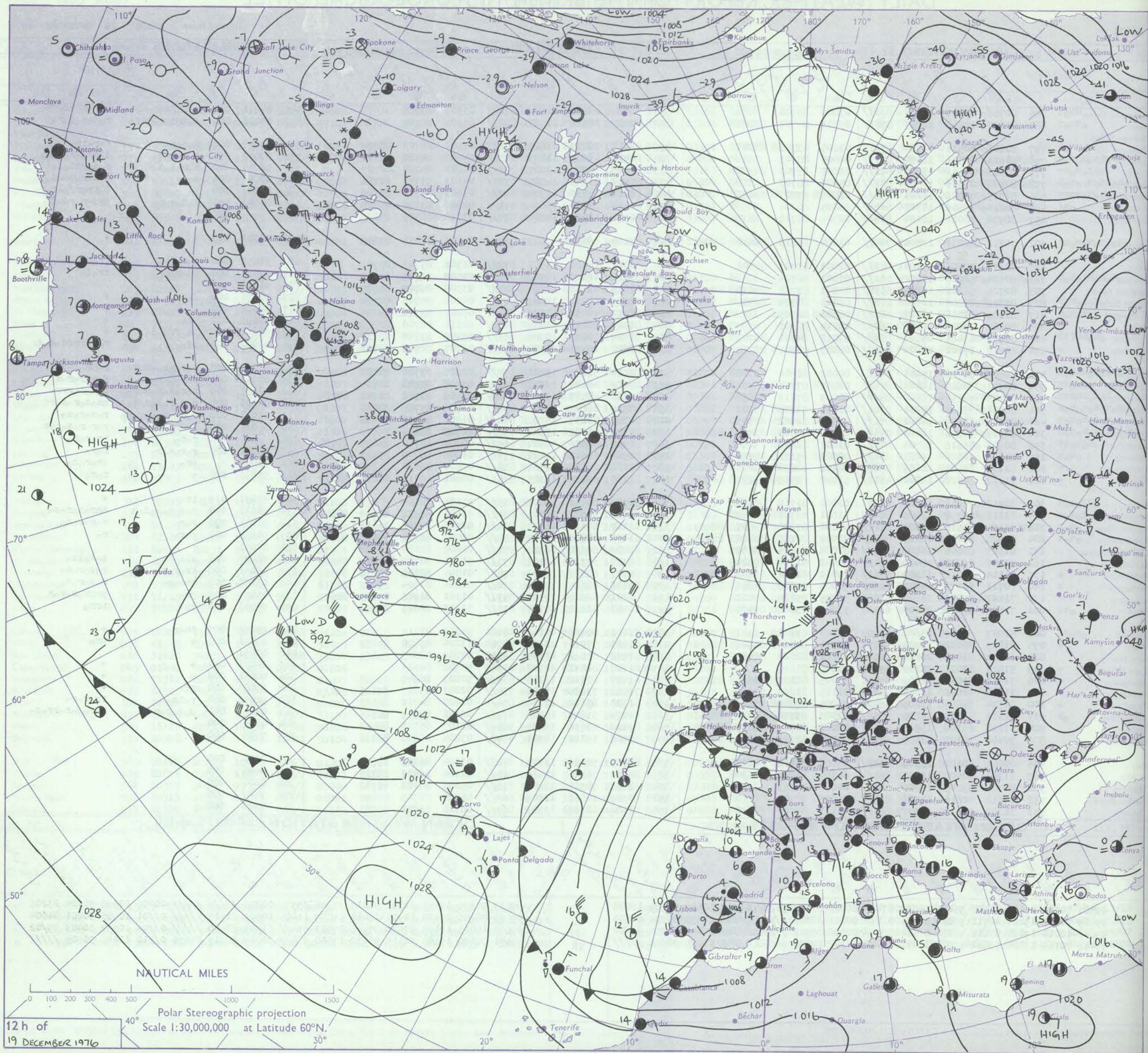
OBSERVATIONS at 00h. 19 DECEMBER 1976										OBSERVATIONS at 06h. 19 DECEMBER 1976										OBSERVATIONS during NIGHT													
Station	iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M 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	RRR _n T _n E	T _g T _g	WEATHER		
																															21h.—03h.	03h.—09h.	
Boscombe Down	746	80813	56616	10105	852//	04003	85704	88616		746	80819	50616	10804	871//	03301	88702				746	06041	03	rrrrro									rrrrro	
Hurn	862	80808	50216	09007	862//	07103	86704	88705		862	80607	28606	10005	872//	05204	88704				862	04051	05	doxor									doxor	
Thorney Island																																	
Manston	797	80916	40616	12305	872//	04004	88705			797	80818	23106	12404	861//	03301	85702	88703		797	92031	03	rooro										do	
Gatwick	776	80812	30586	11005	872//	05204	84703	88704		776	80714	17516	11304	871//	04000	88702			776	02041	03	rdrdoro									do		
Kew	775									775	80511	50616	12304	873//	03103	88707			775	05041	04	rrrrro									rrrrro		
Heathrow	772	81018	40616	11705	873//	05004	84708	88711		772	80816	30586	12504	872//	04204	88705			772	04041	04	rrrrrrro									do		
Honington	586	80814	45616	13903	874//	02501	88712			586	80715	34637	14802	853//	01000	82708	84710	88616	586	06011	00	rooro-rs									do		
Wattisham	590	80815	58616	13803	853//	02205	83709	85612	88620	590	80714	58606	14303	863//	01501	88709			590	03021	01	dooro									rrrrro		
Gorleston	497	80926	60025	15205	855//	02203	88625			497	80922	60656	15704	874//	01400	88710			497												ir		
Aberporth	502	81213	63602	09403	854//	01302	88615			502	81111	67606	10504	855//	01106	88626			502	02031	01	ir									iroro		
Filton	628									628									628	16021	01												
Rhoose	715	80515	58616	09803	853//	02203	83706	86708	88612	715	80515	60506	10902	873//	01105	88706			715	93021	02	doxo-ro									do		
Hartland Point	703	80824	64606	06605	853//	04803	82707	88646		703	80720	67606	08005	864//	05005	88710			703	02041	04												
Mount Batten	827	80907	57606	06907	873//	07207	88709			827	80910	50516	07908	872//	07207	84704	88708		827	96061	06	iroro-ro									do		
St. Mawgan	817	81413	56026	06108	862//	07004	83703	88712		817	81209	40216	07808	861//	07109	81702	83703	88704	817	91071	07	ir									do		
Silly	804	71307	74026	05710	756//	09209	87638			804	30000	75011	07508	35600	08108	83638			804	00071	03	+									+		
Culdrose	809	80905	30106	05909	4622//	09207	82703	83707	88458	809	50608	08524	07409	9//	09207	89/01			809	02072	07	iroro									ffiddo		
Guernsey	894	81309	30102	07308	861//	08101	83702	88703		894	70805	40102	07608	751//	08500	85702	85624		894	00071	07	+									+		
Elmdon	534	80610	16736	14001	872//	00103	88703			534	80608	35687	14701	872//	01203	88703			534	08016	00	rosofo									roso		
Cardington	559	80510	30637	13802	871//	02207	84702	86704	88709	559	80511	35616	14302	873//	02301	83706	86709	88711	559	11015	00	rrro									rrro		
Wittering	462	80715	50637	15502	871//	01204	82702	85703	88705	462	80613	08717	16100	870//	00301	88700			462	09006	00	rotrsr									rrrrro		
Watnall	354	80712	09737	15400	870//	00201	88701			354	80611	20687	16101	871//	01202	85701	88703		354	06006	00	ssso									ssso		
Shawbury	414	80912	32617	13702	872//	01000	82704	88705		414	80912	35686	14502	6722//	01203	83704	85706	88459	414	02011	00	srso-ro									ro		
Finningley	360	81010	59616	16602	853//	01306	85707	86616	88640	360	80808	63616	17003	855//	01601	85620	88640		360	02011	01	rooro									do		
Spurn Point	396	80922	66258	16804	856//	51105	88640			396	81022	75218	17605	7562//	00201	87630	88560		396												iroro		
Leeming	257	80906	82022	17503	855//	51005	88625			257	81005	62616	18802	853//	01305	81707	85713	88633	257	02011	00	ro									ro		
Tynemouth	262	71023	80021	19005	756//	52206	87630			262	81125	80022	19605	2567//	51102	82630	88358		262	00041	03	+									+		
Carlisle	222	70807	65031	17102	656/2	53102	86636			222	71006	65012	17803	756//	51204	84632	87645		222	00011	54	+									+		
Valley	302	70709	66012	11703	7092//	01103	87459			302	80908	66031	12604	856//	01205	88630			302	97031	01	+									roso		
Ringway	334	80913	62687	15003	854//	51204	86712	88650		334	80916	70687	15103	854//	51803	87712	88645		334	91021	01	roso-ro									roso		
Squires Gate	318	81113	57686	14703	6542//	01203	83616	85625	88556	318	81116	60217	15403	855//	01103	83620	88650		318	97021	02	ro-ro-ro-so									ro		
Ronaldsway	204	81026	63022	14005	824//	01103	83818	88822		204	81025	60616	14704	854//	02102	85714	88620		204	94041	03	ro									ro		
Mull of Galloway	131	81425	80031	14605	856//	01103	88630			131	71625	80022	14804	756//	01305	87630			131	97031													
Eskdalemuir	162	60710	70031	18101	656//	50106	86635	</																									

No. 42032

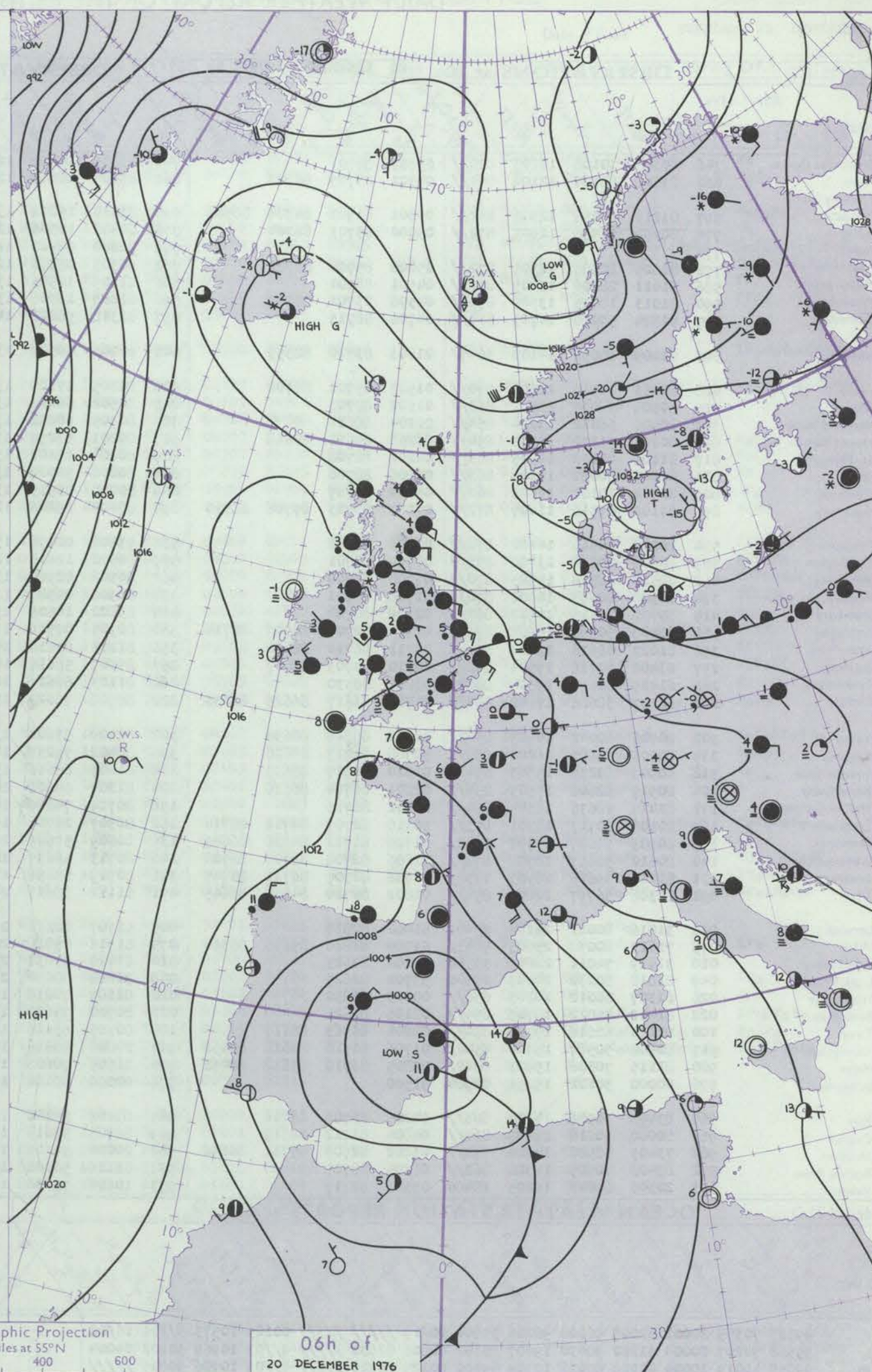
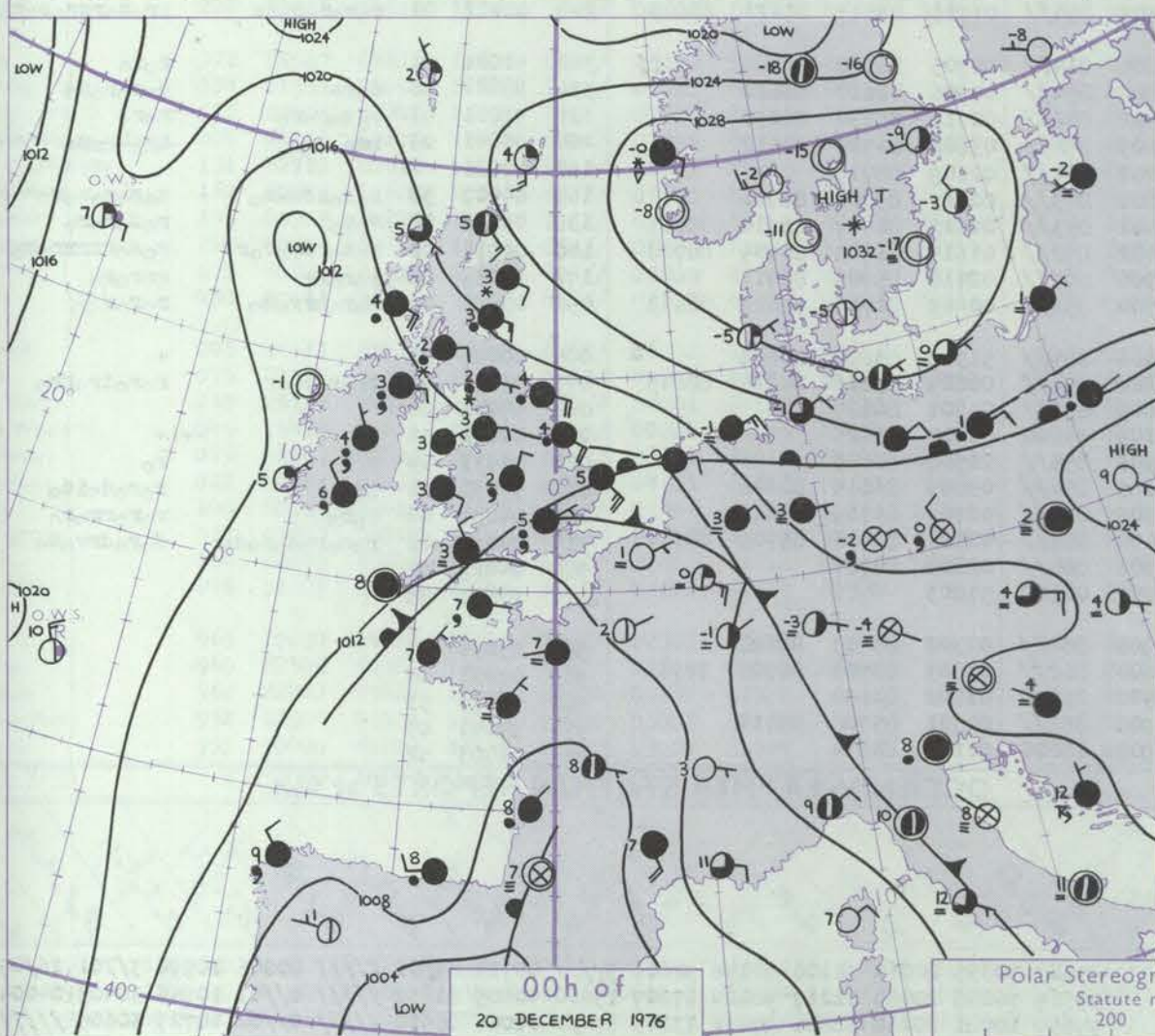
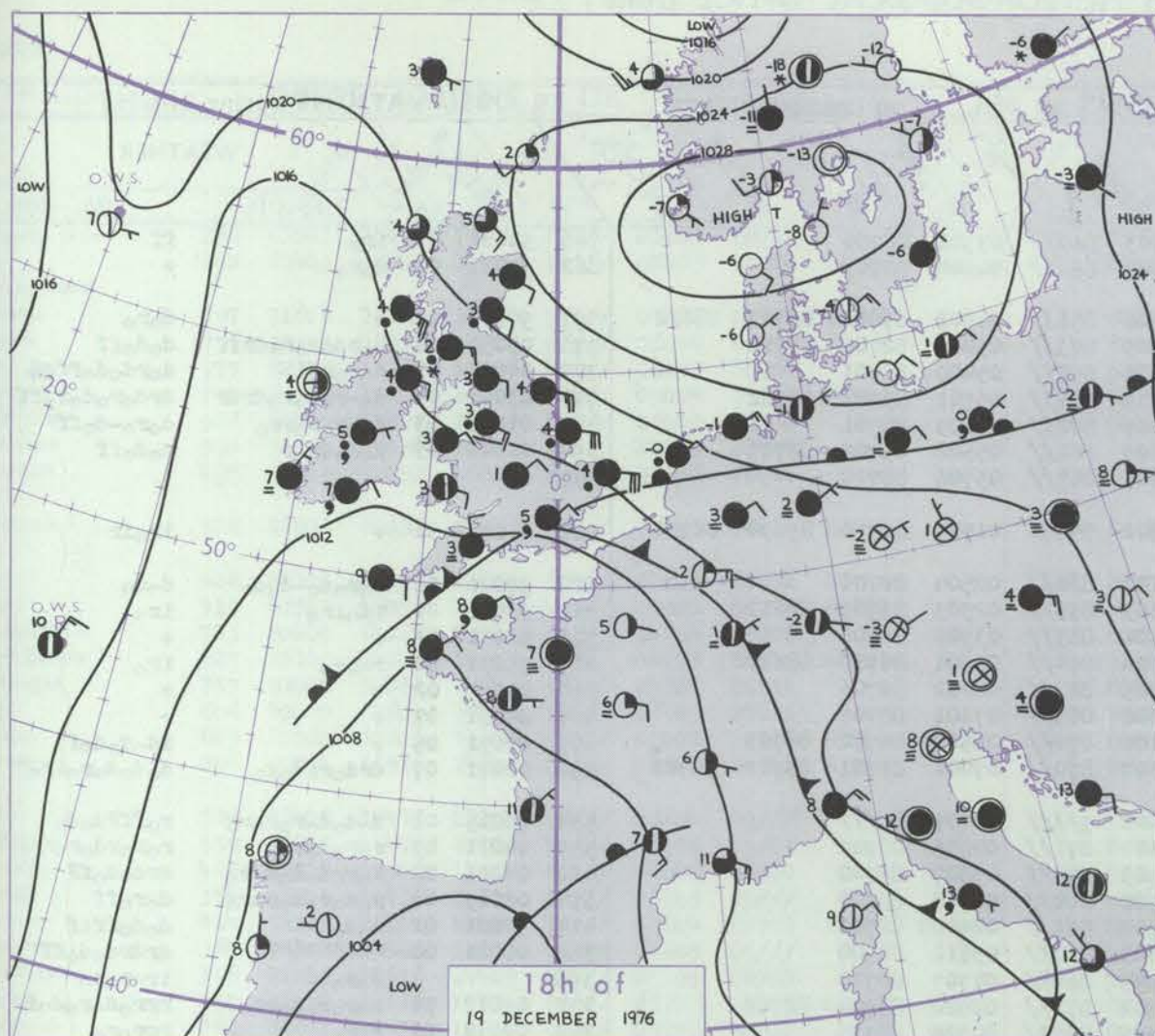
Date of Issue MONDAY 20 DECEMBER 1976

OBSERVATIONS at 12h. 19 DECEMBER 1976										OBSERVATIONS at 18h. 19 DECEMBER 1976										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	T _d T _d app	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	80716	08506	12104	870//	03000	88700			746	80406	28626	12103	872//	03303	88703			746	04041	000	r ₀ d ₀ r ₀ d ₀ r ₀ r	d ₀ r ₀ r ₀ d ₀ r ₀ r		
Hurn	862	80607	17586	11205	871//	05801	84702	88704		862	80409	20516	11505	872//	04304	88704			862	05061	000	d ₀ d ₀ r ₀ d ₀ r ₀ r	r ₀ d ₀ d ₀ d ₀ r ₀ r		
Thorney Island																									
Manston	797	80817	20515	12704	872//	03805	85703	88704		797	81018	20215	11805	872//	04500	85703	88704		797	01051	000	d ₀ d ₀ r ₀ r ₀ r	r ₀ r ₀ r ₀ r		
Gatwick	776	80613	16506	12104	872//	04805	88703			776	80510	45636	11205	6732/	04702	84708	86710	88520	776	03051	000	d ₀ r ₀ d ₀ d ₀ r	d ₀ r ₀ d ₀ d ₀ r		
Kew	775	80613	30516	13204	872//	03802	85703	88705		775	80408	35606	12205	872//	04603	84704	88707		775	02051	000	d ₀ r ₀ d ₀ d ₀ r	r ₀ d ₀ r ₀ d ₀ d ₀ r		
Heathrow	772	80814	21516	13304	872//	04000	88703			772	80610	38515	12305	872//	04603	83703	88705		772	02051	000	d ₀ d ₀ r	d ₀ d ₀ r ₀ d ₀ d ₀ r		
Honington	586	80715	50027	15203	853//	01805	87707	88620		586	80613	45636	13904	872//	03603	87703	88706		586	03041	000	d ₀ r	d ₀ r ₀ r ₀ r ₀ -r ₀ r ₀ r		
Wattisham	590	80614	33506	14703	862//	03805	88704			590	80816	35636	13604	871//	04500	83702	85704	88706	590	04041	000	d ₀ d ₀ d ₀ r	d ₀ d ₀ r ₀ d ₀ d ₀ r		
Gorleston	497	80930	58026	16104	864//	02704	88715			497	80932	40656	14604	874//	03712	88715			497		000				
Aberporth	502	71211	66036	12804	784//	01004	81818	84630	86645	502	71208	66032	13103	784//	01105	81818	87645		502	00041	003	+	+		
Filton	628	80613	30606	13403	872//	02003	83703	88706		628	80411	14586	13302	872//	01301	85703	88707		628	92031	000	r ₀ r ₀ r ₀ r	ir ₀ d ₀ d ₀ -d ₀ r ₀		
Rhoose	715	80514	56216	12702	862//	01002	88704			715	80516	48052	12902	852//	01000	82703	87705	88615	715	97031	000	id ₀ r ₀ r ₀ r	ir ₀ d ₀ r		
Hartland Point	703	80725	56216	10305	6532/	04003	83708	85630	88460	703	80815	48056	12004	843//	03308	86708	88630		703	91052	000				
Mount Batten	827	80812	42206	10306	872//	05010	84704	88708		827	80709	40052	11205	863//	04208	85706	88710		827	97071	000	d ₀ r	+		
St. Mawgan	817	81109	50056	10207	862//	06006	88705			817	81402	40052	11606	862//	05207	82704	88706		817	00081	002	+	+		
Scilly	804	80807	45205	10609	862//	09214	88705			804	80909	60022	11409	863//	08211	88706			804	92091	000	id ₀ r	+		
Culdrose	809	80713	05465	09907	860//	07012	84700	88701		809	80709	10105	10906	863//	06109	83706	88710		809	93091	000	id ₀ ff ₀ d ₀ r	+		
Guernsey	894	80712	15102	08808	860//	08003	86701	87702		894	80610	20516	09508	870//	07207	82701	87702		894	02082	000	id ₀ r	r ₀ r ₀ r ₀ ff ₀ d ₀ r		
Elmdon	534	80609	56716	15901	872//	00002	81704	88706		534	80410	50237	15001	873//	00604	83706	88707		534	02025	000	r ₀ r ₀ h ₀ s ₀ -h ₀ r ₀ r	r ₀ r ₀ r ₀ d ₀ r		
Cardington	559	80711	38606	14803	873//	02805	87706	88708		559	80510	40616	13603	872//	03705	83703	88705		559	02041	000	r ₀ r ₀ d ₀ r	d ₀ r ₀ r ₀ r ₀ r		
Wittering	462	80713	50797	16901	854//	00803	87613	88650		462	80513	40587	15602	871//	01704	82702	86703	88704	462	03031	000	s ₀ r ₀ s ₀ r ₀ s ₀ r	d ₀ d ₀ d ₀ r ₀ r ₀ r		
Watnall	354	80714	35687	17101	872//	01801	83705	88707		354	80515	40687	16101	853//	01706	85708	88612		354	04026	000	r ₀ s ₀ s ₀ r ₀ s ₀ s ₀ r	h ₀ s ₀ s ₀ r ₀ s ₀ r ₀ s		
Shawbury	414	81010	50687	16202	871//	01003	82702	88705		414	80809	48237	15802	872//	01801	82703	88705		414	02021	000	r ₀ r ₀ r ₀ -r ₀ s ₀ r ₀ s ₀ r	r ₀ s ₀ s ₀ r ₀ s ₀ r		
Finnigley	360	80809	58586	18402	853//	01000	82706	85708	88616	360	80707	60687	17502	855//	01703	88622		360	06035	000	d ₀ r ₀ d ₀ r ₀ r ₀ r	r ₀ r ₀ r ₀ s ₀ r ₀ s			
Spurn Point	396	80928	56616	18704	874//	01001	88715			396	81030	68606	17604	6542/	00704	84710	86635	88560	396			r ₀ r ₀ r	ir ₀ r ₀ r ₀ r		
Leeming	257	81106	70606	19903	854//	00003	85618	88630		257	80906	50618	19202	7532/	01802	86709	87613	88545	257	03041	000	r ₀ r ₀ s ₀ s ₀ r	r ₀ r ₀ r		
Tynemouth	262	81130	66022	21105	856//	00102	88630			262	81228	66608	20504	856//	02400	88630			262	94052		pr ₀ r	ir ₀ r ₀ s ₀ r		
Carlisle	222	71212	80022	19204	4847/	51002	81713	83650	86360	222	81210	62022	18303	854//	00801	81713	84622	88650	222	95041	000	+	r ₀ r ₀ r		
Valley	302	60912	75017	13907	2547/	02000	81710	86359		302	80708	60042	14403	855//	01105	88625			302	97071	019	ir ₀ r	+		
Ringway	334	81113	62797	17003	854//	51801	86711	88640		334	80916	62687	16503	854//	51501	81712	86714	88640	334	01031	000	r ₀ s ₀ s ₀ r ₀ r ₀ s ₀ h	h ₀ r ₀ s ₀ r ₀ s ₀ r		
Squires Gate	318	81114	64616	16604	6542/	02801	85618	83635	88459	318	81115	58616	16503	854//	02500	82710	86616	88630	318	91041	000	r ₀ r ₀ r	r ₀ r ₀ r ₀ s ₀ r		
Ronaldsway	204	80925	65606	16205	854//	02002	82715	86616	88624	204	81025	62026	15704	854//	02000	82714	85616	88618	204	91051	000	r ₀ r ₀ r	r ₀		
Mull of Galloway	131	81527	80606	16804	885//	02004	82825	88630		131	81420	80616	16304	856//	02400	88630			131	02051					
Eskdalemuir	162	80908	59727	20002	854//	51002	81714	86627	88635	162	80707	35717	19501	853//	5130										

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure remained low to the south of the British Isles, and high over southern Norway and the northern North Sea. A weak warm front made slow northwards movement over southern England. During the next 24 hours only slow changes are expected. The high pressure to the northeast of Britain will decline, the complex low pressure system to the south will move away eastwards

and a shallow depression will form over southwest England. Scotland will remain under the influence of a fresh easterly airstream but elsewhere an indeterminate pressure field will be established. The warm front will continue its slow northern movement.

Issued at midday MONDAY 20 DECEMBER 1976

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

OBSERVATIONS at 00h. 20 DECEMBER 1976										OBSERVATIONS at 06h. 20 DECEMBER 1976										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h CH	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 CH	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT T _n E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	80305	30106	12203	870//	03703	88701			746	83205	04422	12703	860//	03301	88700			746	91031	03	ir _o	ff	
Hurn	862	83606	58106	12104	862//	04301	83705	88708		862	83403	40102	12704	862//	04400	88703			862	97031	03	do _{ro}	+	
Thorney Island																								
Manston	797	81213	15056	12306	862//	05001	81703	84704	88706	797	81510	15212	13306	851//	06302	83702	86703	88612	797	97051	04	+	do _{ro}	
Gatwick	776	80202	11596	11805	872//	05000	85703	88704		776	80402	10506	12105	873//	05000	82708	88712		776	03051	04	ro _o rd _o do _{ro} drff	do _o off	
Kew	775									775	80000	02506	12305	870//	05400	88701			775	04051	05	do _{ro} ro	do _{ro} do _{ro} ff	
Heathrow	772	80605	20586	12305	872//	05000	85704	88706		772	80303	08586	12305	871//	05501	83701	88702		772	03051	04	do _o -ro _o do _{ro} drdr	drdo _{ro} do _{ro} ff	
Honington	586	81011	28606	13705	871//	04501	88701			586	81109	10586	13105	870//	05605	88701			586	01041	03	do _o -ro _o ro _{ro} rr _o	do _{ro} -do _o ff	
Wattisham	590	81013	18635	13305	870//	04506	83701	88702		590	81209	13506	13105	861//	05502	85702	88703		590	01041	03	do _o do _{ro} dr-r	do _o off	
Gorleston	497	81324	50026	14705	864//	04706	88715			497	81316	56022	14306	865//	05706	88720			497					
Aberporth	502	81009	60052	14103	3647/	01803	83710	88359		502	82001	60602	13902	7547/	01504	82710	87630	88358	502	01021	51	+	ir _o ir	
Filton	628	80211	13516	13202	870//	01502	85701	88702		628	80205	17105	13102	860//	02504	88701			628	97021	02	do _{ro} ro _o do _{ro} -do _o do	do _o do	
Rhoose	715	80509	58056	13502	863//	01502	88708			715	80502	60016	13303	853//	02505	83709	88612		715	97021	01	id _o ir _o	ir _o	
Hartland Point	703	80806	66022	13204	854//	02104	88614			703	80905	60052	13504	863//	03502	88708			703	00031	03	+	+	
Mount Batten	827	80203	56602	12505	854//	03203	85711	88618		827	80203	57056	13004	854//	03301	86710	88620		827	95031	02	ro _o ir _o	ir _o	
St. Mawgan	817	81106	40102	12805	863//	04202	88708			817	80204	25102	13305	863//	04602	88706			817	00031	02	+	+	
Scilly	804	80000	50022	13108	863//	07206	88706			804	80000	50022	13608	863//	07101	88706			804	00081	07	+	+	
Culdrose	809	80912	40102	12506	862//	05104	88705			809	80000	03515	13106	870//	06502	84700	88703		809	97051	05	+	id _o do _{ro} do _{ro} f	
Guernsey	894	81102	29516	11407	872//	07207	83703	87706	88710	894	80000	19206	12307	870//	07001	83701	85702	88703	894	02071	07	drdo _{ro} ro _o do _{ro}	do _{ro} do _{ro} do _{ro} ir _o	
Elmdon	534	80208	14516	14402	870//	02705	88701			534	93402	02476	13502	9//	02705	89//			534	96015	01	do _o do _{ro} do _{ro} ro _{ro} ro	ro _o ffFdo _{ro}	
Cardington	559	80606	20616	13104	871//	04705	88701			559	80502	12616	12604	871//	04605	88702			559	04031	03	ro _o ro _o do _{ro} ro _o R	ro _o ro _o rd _o ro	
Wittering	462	80510	02516	14503	870//	03708	88700			462	80508	02586	13703	870//	03607	88700			462	04021	02	ro _o rrdo _{ro} do _{ro} do _{ro}	drdo _{ro} do _{ro} ff	
Watnall	354	80308	20697	14901	870//	01708	88701			354	80306	04587	13502	870//	02608	88700			354	03015	00	ro _o so _{ro} ro _o so _{ro} ro	do _{ro} ro _o ff	
Shawbury	414	80704	25515	14902	862//	02709	88704			414	83102	10505	13902	861//	02506	88702			414	97021	01	do _o do	do _o do _{ro} ffif	
Finningley	360	80406	50597	15902	873//	02714	82707	86709	88714	360	80905	07516	13603	860//	03612	88700			360	08011	00	ssro _{ro} srdo _{ro} dr	drdrdo _{ro} do _{ro} ff	
Spurn Point	396	81022	66616	16004	854//	03711	86710	88620		396	81215	65616	14505	864//	04707	88710			396			ro _o ro	ir _o ro _o ro _o	
Leeming	257	83408	30716	17901	852//	00710	84703	88607		257	83507	58617	14802	872//	02820	84704	88706		257	09012	50	ro _o ro _o ro _o so _{ro} so	rrro _o do _{ro} ro _o do _{ro} f	
Tynemouth	262	81429	61697	19504	8062/	03810	88530			262	81123	66617	16405	8062/	04720	88535			262	09032	03	ro _o ro	rrro _o ro	
Carlisle	222	81107	58686	17802	854//	01705	83617	86625	88631	222	80908	75027	15303	854//	01715	83617	85621	88645	222	02011	01	ro _o ro _o ro _o so _{ro} rs	ir _o so _{ro} srso _{ro} so _{ro}	
Valley	302	80706	60042	14503	854//	02802	85616	88634		302	82109	57602	13605	864//	04705	88710			302	91021	01	+	ro _o ro	
Ringway	334	80506	62687	16002	854//	50706	87713	88620		334	80402	75237	14302	854//	00506	86617	88622		334	95021	00	do _o rs	do _o so _{ro} ro _o so	
Squires Gate	318	80909	62237	15603	854//	01810	81617	88633		318	81007	68616	13802	856//	02712	83630	88650		318	97021	01	ro _o so _{ro} ro _o ro	ro _o ro	
Ronaldsway	204	80919	62606	15505	854//	02801	86714	88616		204	81109	68606	14105	854//	03608	84710	88612		204	03041	03	ro _o ro	ir _o ro _o ro _o ro _o ro _o ro	
Mull of Galloway	131	81418	68636	16304	864//	03601	88715			131	80714	74636	14702	874//	02609	88715			131	07021				
Eskdalemuir	162	80506	30717	18301	873//	50710	82707	84711	88714	162	80507	25717	15801	873//	00715	83708	88711		162	04007	50	so _o so _o ssso _o so	so _o so _o ro _o so _o ro	
Prestwick	135	80909	57687	17702	7542/	01706	81712	84626	86645	135	80609	57687	15601	853//	01612	82707	83710	85613						

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

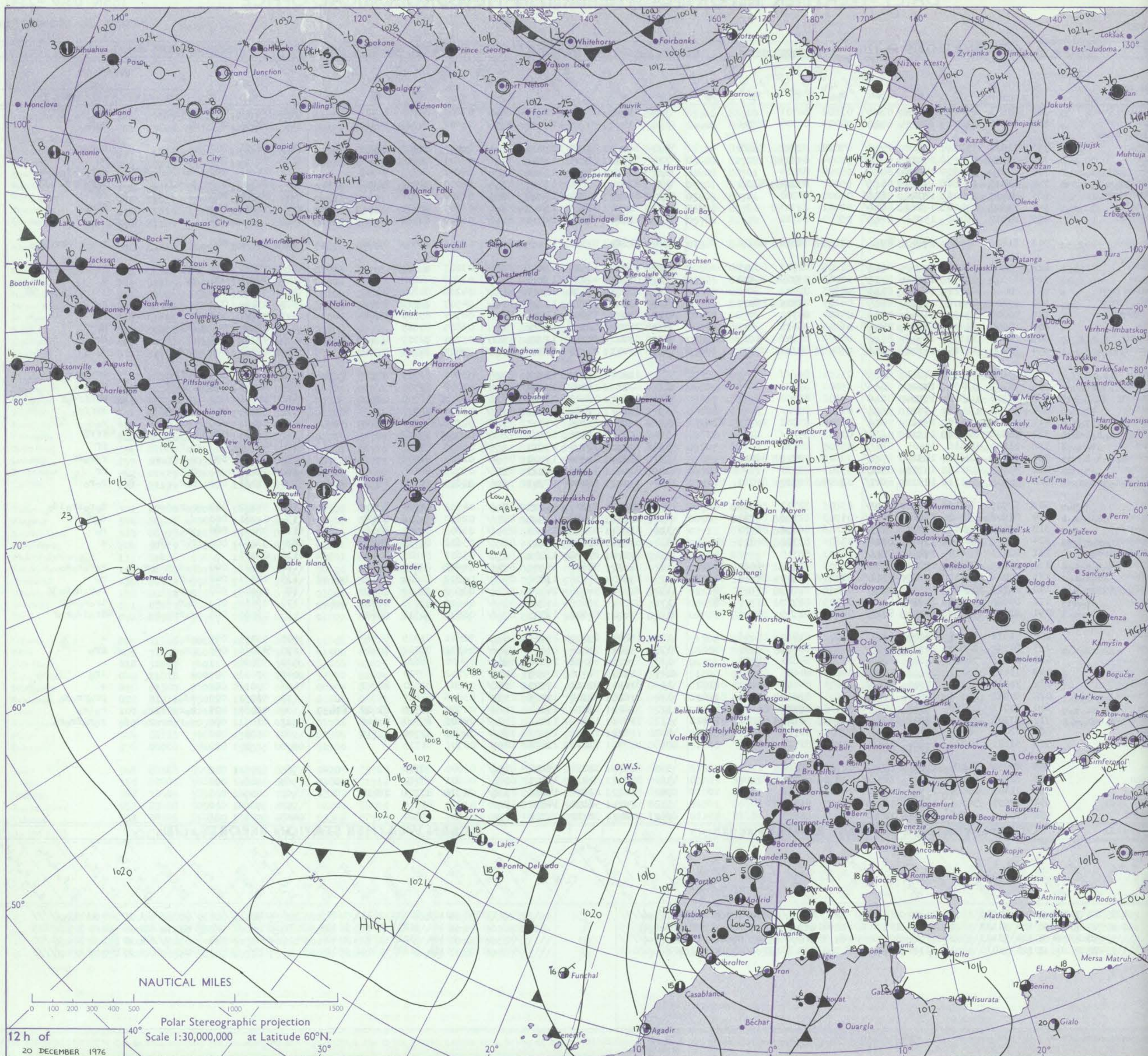
No. 42033

Date of Issue

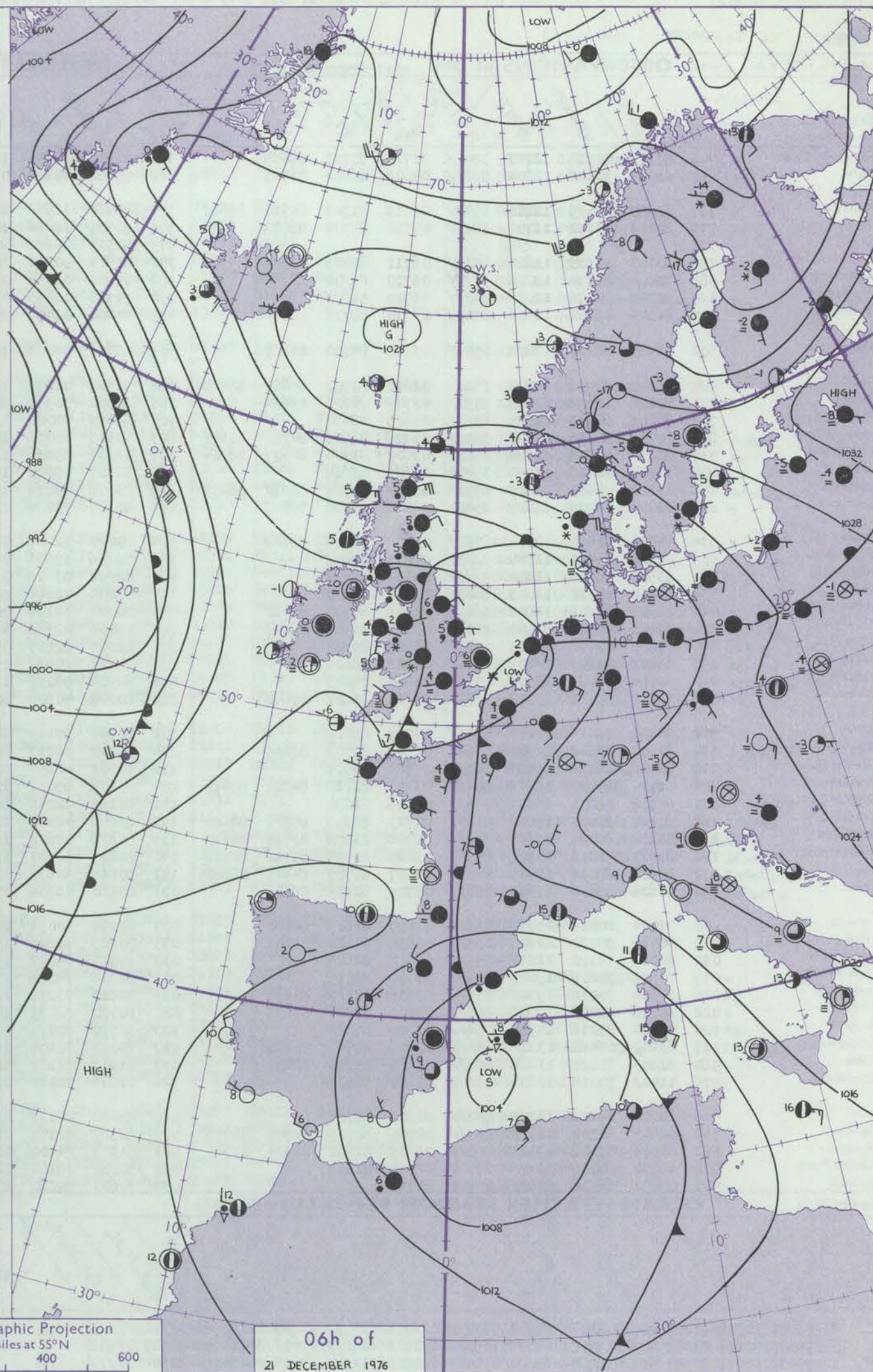
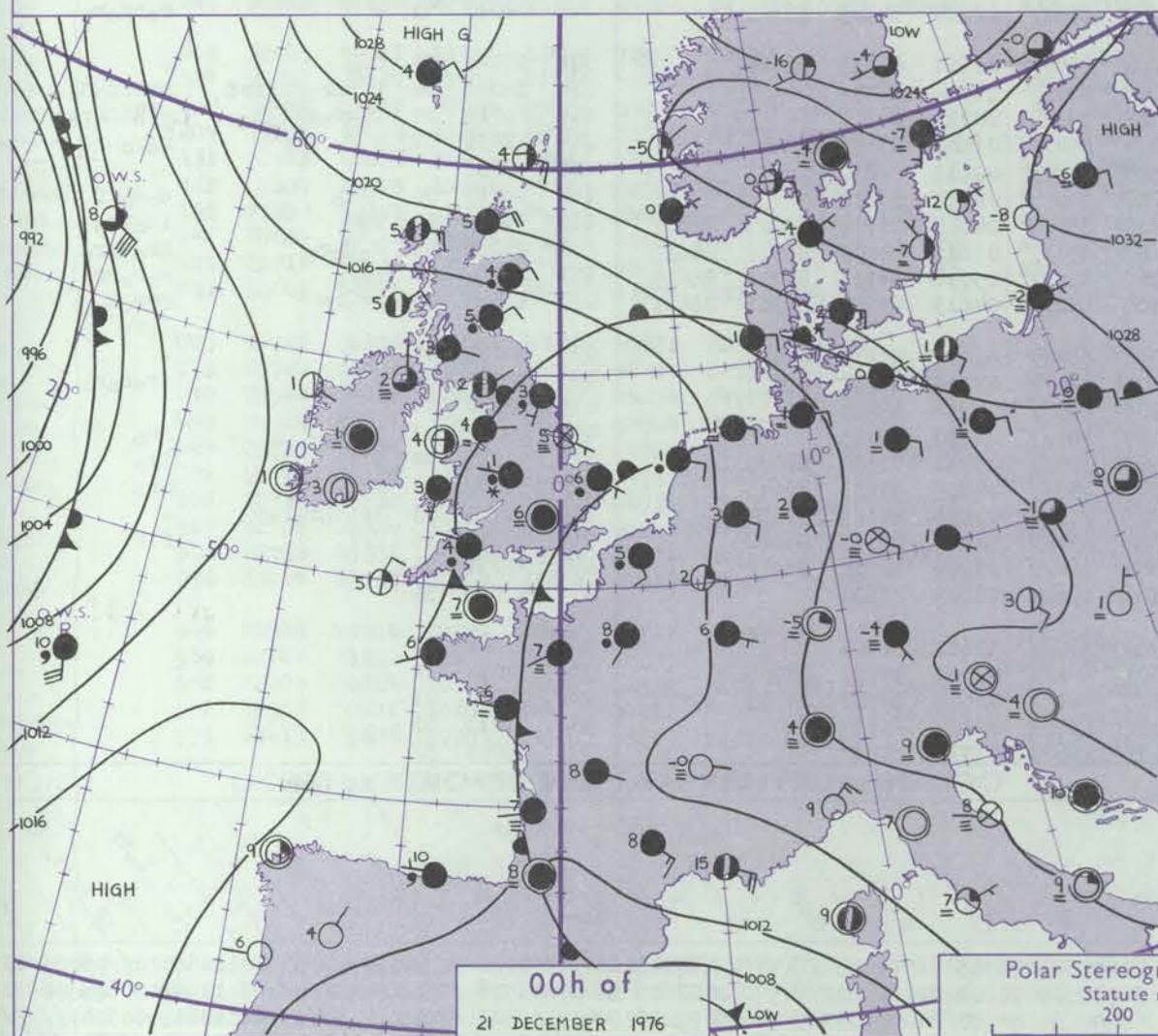
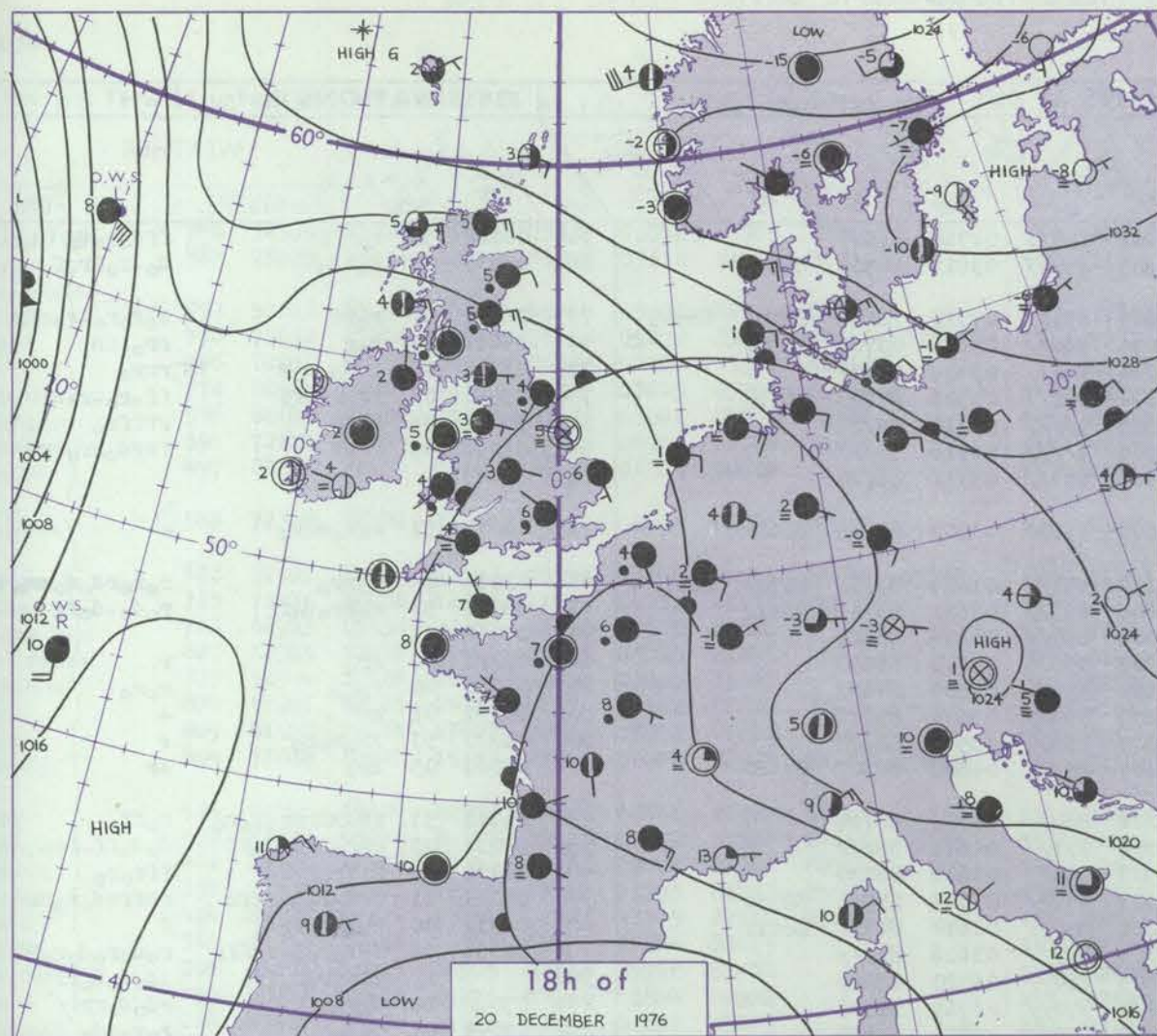
TUESDAY 21 DECEMBER 1976

Code FM II.D		OBSERVATIONS at 12h. 20 DECEMBER 1976										OBSERVATIONS at 18h. 20 DECEMBER 1976										OBSERVATIONS during DAY				
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 x x	SSs	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	83503	25614	14204	870//	03802	88701			746	83404	20606	13303	870//	03803	84700	88701		746	02041	000	ffrro	ro			
Hurn	862	83405	32202	14405	862//	04003	86704	88706		862	83502	40506	13405	853//	05602	85707	88610		862	97051	000	do	rodo			
Thorney Island								87																		
Manston	797	71606	35102	14308	754//	07802	81612	87622		797	82103	22102	13807	861//	06000	83702	88703		797	93081	000	+	dooro			
Gatwick	776	92304	08535	14006	9////	06004	89/05			776	81406	28205	13107	854//	07801	88615		776	01071	000	do	do				
Kew	775	82302	13285	14206	862//	05204	88704			775	80000	01515	13406	872//	06801	84703	88705		775	01061	000	do	dooro			
Heathrow	772	82703	15286	14106	862//	05004	85704	88711		772	83302	08516	13306	870//	06000	83701	86702	88706		772	01061	000	do	dooro		
Honington	586	81409	07426	14006	860//	06000	88700			586	81305	10104	13406	860//	06400	88701		586	00070	000	ff	ff				
Wattisham	590	81307	07425	14107	860//	07001	88700			590	81410	07424	13307	860//	07802	88700		590	97071	000	ff	ffro				
Gorleston	497	81507	16052	15206	864//	05000	88710			497	81605	48022	14406	864//	05400	88715		497		000						
Aberporth	502	81806	60036	14403	854//	02803	84616	88630		502	82107	50516	13104	853//	03705	85709	88616		502	03051	000	iro	irodo			
Filton	628	80303	22106	14203	861//	02805	82702	88703		628	80902	16516	13203	872//	03807	88704		628	04041	000	ffrro	ro				
Rhoose	715	83502	48056	14604	853//	03001	85709	88612		715	80602	40106	13403	863//	03607	88708		715	97041	000	ro	+				
Hartland Point	703	80000	64022	14405	863//	04803	88708			703	80000	66032	13105	4153/	04706	84820	88360		703	93061	000					
Mount Batten	827	83102	40106	14505	862//	04103	82705	88707		827	72002	35052	13105	5543/	04507	83711	85620	87358	827	03062	004	+	ro			
St. Mawgan	817	70000	57052	14506	764//	04804	85712			817	80000	56602	13206	854//	04707	85710	88640		817	97071	005	+	ro			
Silly	804	80000	62606	14808	854//	06805	88615			804	70000	62026	13607	755//	06805	87625		804	06082	000	iro	rr				
Culdrose	809	80000	30105	14806	873//	05002	81708	85709	88710	809	80000	30216	13405	4532/	05704	82709	84612	88550	809	97061	006	+	iro			
Guernsey	894	80204	15515	14308	870//	07003	84700	87701		894	83403	25205	13607	872//	07801	84703	87708		894	02081	000	do	do			
Elmdon	534	93402	02435	14003	9////	03804	89///			534	81201	13216	13403	870//	02804	82701	85707	88712	534	03031	000	FFfrro	ffrro			
Cardington	559	92802	01476	14005	9////	05001	89/01			559	82702	08614	13604	872//	04000	88705		559	94051	000	FFFF	ffrro				
Wittering	462	83302	01506	14104	860//	04802	88700			462	83102	08445	13904	860//	04000	86700	88701		462	93041	000	FFdo	FFfrro			
Watnall	354	93201	01476	13803	9////	03803	89///			354	80000	04424	13203	861//	03804	88702		354	91031	000	do	do				
Shawbury	414	72303	25105	14403	751//	02804	83702	86703	87620	414	80000	23106	13502	852//	02802	81703	85614	88620	414	92031	000	ro	ro			
Finningley	360	92902	02586	13803	9////	03805	89///			360	93502	03476	13404	9////	04703	89///		360	94041	000	ro	ro				
Spurn Point	396	81209	07616	14405	874//	05805	88710			396	90000	02454	13605	9////	05802	89/00		396		000	ro	ro				
Leeming	257	83102	12616	14503	852//	03806	82705	88618		257	82802	25286	13902	862//	02501	88703		257	02031	000	do	do				
Tynemouth	262	81607	17616	15705	8062/	05703	88530			262	80000	30106	14105	855//	05705	88625		262	04062	000	ro	ro				
Carlisle	222	70905	65616	14503	6547/	02807	81717	83638	86650	222	70903	56046	13703	754//	02603	81715	84632	87645	222	01031	000	ro	ro			
Valley	302	82907	64616	13606	854//	05803	82713	88620		302	80000	60606	13205	874//	04502	81710	88712		302	94071	000	ro	ro			
Ringway	334	81502	56042	14603	863//	01703	81706	88710		334	80000	22586	13903	853//	02603	85706	88620		334	01041	000	do	do			
Squires Gate	318	81004	50046	13804	6577/	02806	86656	88360		318	81104	20106	13003	854//	03803	86713	88630		318	92041	000	iro	ro			
Ronaldsway	204	80206	63606	13404	884//	03806	82711	84816	87628	204	80806	62016	13005	884//	03602	84712	88656		204	93051	000	ro	+			
Mull of Galloway	131	82710	80616	14403	874//	02603	88715			131	80908	85022	13503	885//	03601	82825	88630		131	03041	000	ro	ro			
Eskdalemuir	162	80509	60687	15101	852//	01805	81705	86625	88635	162	80202	58687	14101	855//	01802	88625		162	02027	000	ro	ro				
Prestwick	135	80708	61217	14803	7532/	02809	81709	84618	86645	135	80000	57606	13902	854//	01602	82616	85630	88638	135	01031	000	ro	ro			
Abbotsinch	140	80709	62616	15503	852//	02808	81705	83707	86709	140	80708	56586	14304	853//	03502	85707	88618		140	03042	000	ro	ro			
Leuchars	171	80820	62616	17305	873//	03809	81707	83708	88710	171	80714	59616	15805	853//	04601	82708	85710	88616	171	06055	000	ro	ro			
Dyce	091	80913	56636	19703	853//	02812	81706	85708	88611	091	80810	60606	18505	854//	03702	86712	88620		091	05055	000	ro	ro			
Lerwick	005	71511	65031	26604	6843/	00002	83815	85656		005	51210	65038	25303	48401	52801	81815	84640		005	97055	000	pho	+			
Wick	075	81117	70808	22705	5857/	00802	84822	84645	88360	075	80916	70028	21605	854//	01301	82712	88626		075	91061	000	pro	+			
Sule Skerry	010	81113	74028	23206	885//	04001	84820	88625		010	80913	66022	22206	855//	03400	88625		010	97060							
Cape Wrath	049	71419	80031	22203	4557/	00204	84625	87360		049	81818	74606</														

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 belt of high pressure from Scandinavia to Iceland has remained stationary, but has declined a little, while the area of low pressure over southern Britain has deepened a little. The ridge of high pressure to the west of the British Isles has collapsed, allowing an occluded trough to move eastwards. During the next 24 hours the occluded frontal trough will continue to move eastwards

towards southwest England and Spain, with a col persisting over southeast Britain and France. The separate anticyclone centre developing to the north of the Faeroes will move slowly north and intensify, while pressure will continue to fall over Scandinavia.

Issued at midday TUESDAY 21 DECEMBER 1976

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

OBSERVATIONS at 00h. 21 DECEMBER 1976										OBSERVATIONS at 06h. 21 DECEMBER 1976										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	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 _n T _e	T _g T _g	WEATHER	
																															21h.--03h.	03h.--09h.
Boscombe Down	746	83102	40216	12003	3701/	03710	83701	88459		746	81301	05634	10002	855//	02714	88623			746	04021	50	r _o rff								ff d _o r _o d _o f d _o		
Hurn	862	83003	30106	12204	862//	04708	86704	88709		862	80102	40616	09803	850//	03817	84700	88628			862	06031	03	r _o r d _o								d _o -r _o Rrjf	
Thorney Island																																
Manston	797	82305	14615	12206	850//	06712	81701	85710	88617	797	81707	16506	10007	851//	07712	82702	84709	88645		797	06051	04	r _o rff								r _o d _o r _o -r _o Rr	
Gatwick	776	82202	13102	11707	861//	07810	84702	88703		776	82701	18286	10005	860//	05608	83701	88702		776	04051	03	r _o r								rr _o ifR		
Kew	775									775	82505	25106	10004	862//	03709	88704			775	03032	02	if d _o -r _o r								Vat _o rrr _o		
Heathrow	772	80000	14105	11606	853//	06711	85706	88625		772	82503	30106	10204	862//	04506	87703	88714		772	03031	03	ff-r _o -ff								ff-r _o -r-R		
Honington	586	90000	01474	12006	9////	06710	89/00			586	91601	03434	09305	9////	05714	89/02			586	94051	05	ffFF								FFffr _o		
Wattisham	590	91407	01476	12006	9////	06710	89///			590	91706	01455	09505	9////	05716	89///			590	01051	05	ffFF								ffFd _o rr _o		
Gorleston	497	81305	48606	12606	874//	06714	88715			497	80000	02446	09906	864//	05712	88710			497													
Aberporth	502	81905	50216	11803	854//	03710	84710	88620		502	43607	56016	10505	45200	03707	82705	83620		502	01031	51	r _o r _o r _o r _o								+		
Filton	628	80102	22106	12103	851//	02810	82702	85612	88623	628	83503	18516	10102	851//	01609	82702	83703	88616		628	03015	00	r _o rr _o								r _o r _o r _o d _o d _o f s f _o	
Rhoose	715	80202	18602	12603	853//	03707	84707	88614		715	82902	30586	10603	853//	02610	83706	88612		715	03021	51	r _o rr _o d _o f								r _o d _o -d _o r _o		
Hartland Point	703	80708	64616	12505	856//	04605	88630			703	80000	74026	11005	855//	04606	88621			703	07042	01											
Mount Batten	827	80903	35216	11705	853//	05708	81706	84710	88620	827	33306	60016	10504	35700	03503	83650			827	02031	50	rr _o								r		
St. Mawgan	817	83312	57616	12704	852//	03602	83704	84707	88614	817	43307	65036	11804	45500	02504	84622			817	02031	00	r _o r _o								r _o r _o		
Scilly	804	30108	62016	13105	35400	04605	83618			804	52805	75021	13206	55400	03104	85616			804	94051	01	rr								+		
Culdrose	809	83613	50602	12205	6532/	05504	84709	86612	88459	809	23102	65016	12003	25500	03501	82620			809	01023	53	ir _o r _o r _o								+		
Guernsey	894	80000	56105	13107	854//	06806	82710	88635		894	82317	75026	11007	853//	04612	82707	87620		894	02061	05	ir _o								ir		
Elmdon	534	82904	12694	12701	873//	01708	83708	88712		534	80000	12107	10001	864//	01716	88714			534	14511	53	rr-RSrrs _o r _o s _o r _o								r _o ff		
Cardington	559	90902	05476	11904	9////	04811	89/02			559	82606	15506	09704	871//	04611	88702			559	92031	03	r _o r _o ff d _o d _o ff								d _o d _o ff-f _o		
Wittering	462	93502	02615	12504	9////	04812	89/00			462	82902	03616	09903	860//	03616	88700			462	01031	03	ffFr _o r _o d _o f								ffr _o r _o		
Watnall	354	80204	04516	12003	860//	03713	88700			354	83204	12696	09303	5712/	03713	85702	88550		354	07021	01	ff d _o r _o d _o r _o R								rsffr _o d _o r _o Rs		
Shawbury	414	81702	07606	12602	860//	02608	86701	88710		414	80000	12106	10201	850//	01614	84701	88612		414	01011	00	r _o r _o r _o ff								f		
Finningley	360	83402	09426	12103	860//	03814	83701	88713		360	93002	02586	09303	9////	03616	89/00			360	01031	03	FF d _o r _o d _o r _o ff								r _o d _o r _o d _o r _o FF		
Spurn Point	396	91407	03456	12605	9////	05709	89/00			396	81005	12505	09605	854//	05720	88619			396			FFffr _o r _o ff								id _o d _o d _o ff		
Leeming	257	83402	50102	12802	855//	02812	88626			257	83508	10636	09703	870//	03719	88701			257	07022	01	d _o r _o r								rd _o d _o rr		
Tynemouth	262	82706	56022	13504	855//	04804	88625			262	80920	56026	11207	855//	06714	88625			262	01041	03	d _o d _o								r _o r _o id _o		
Carlisle	222	70802	59012	13102	755//	01810	81621	87640		222	80000	40602	10602	853//	02714	84709	88620		222	02011	51	+									r _o rr _o r _o	
Valley	302	50000	58016	12404	555//	04709	85622			302	80902	57102	10604	854//	03611	82617	88620		302	97021	00	id _o								+		
Ringway	334	81902	06606	12903	851//	02808	82702	88635		334	82502	08717	10600	870//	51814	88701			334	10006	50	ffr _o r _o r _o RSs _o								ssffs _o s _o		
Squires Gate	318	80902	22102	12404	863//	03708	88707			318	80802	40697	10302	873//	02711</																	

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

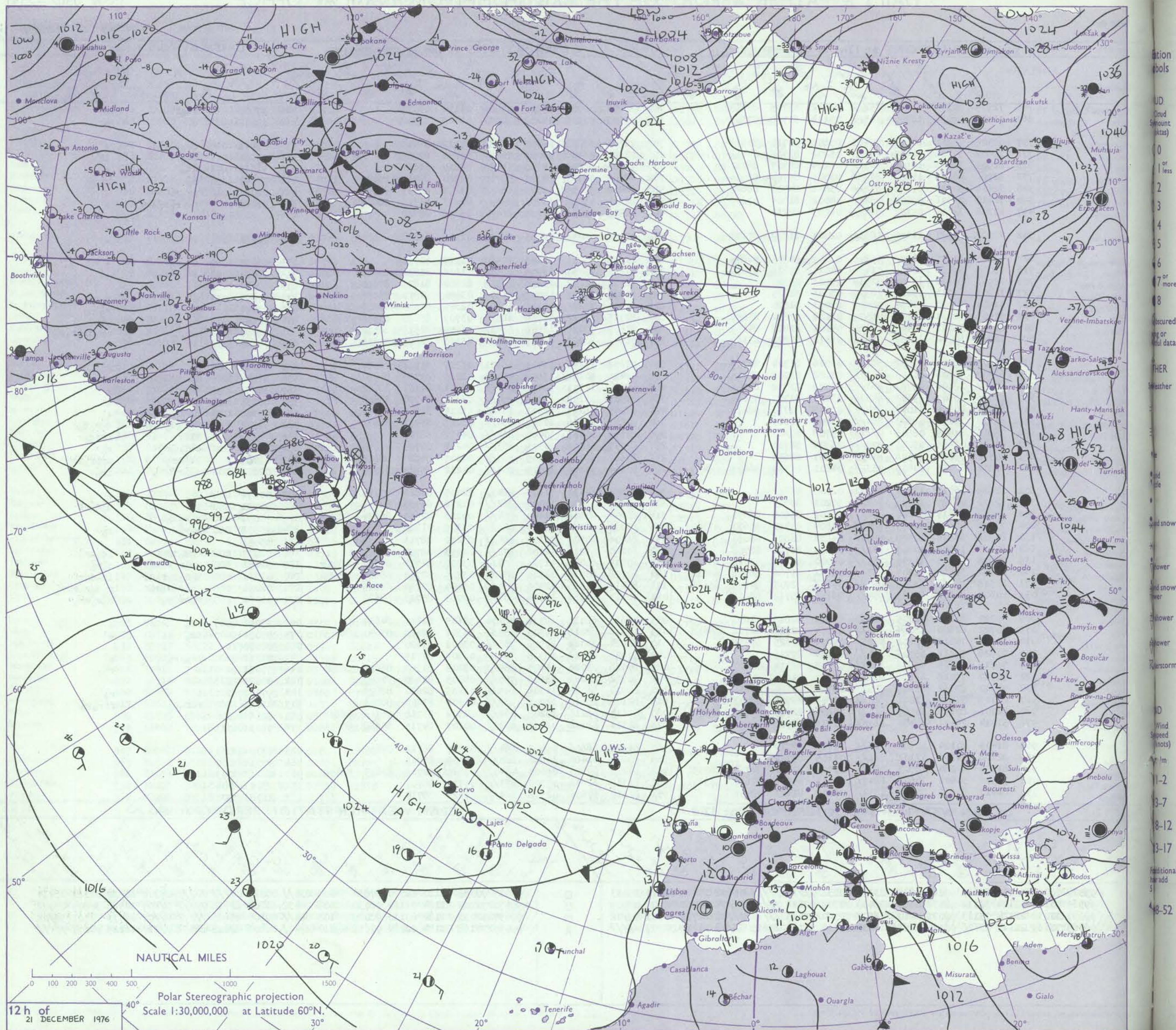
ISSN 0307-2541

No. 42034

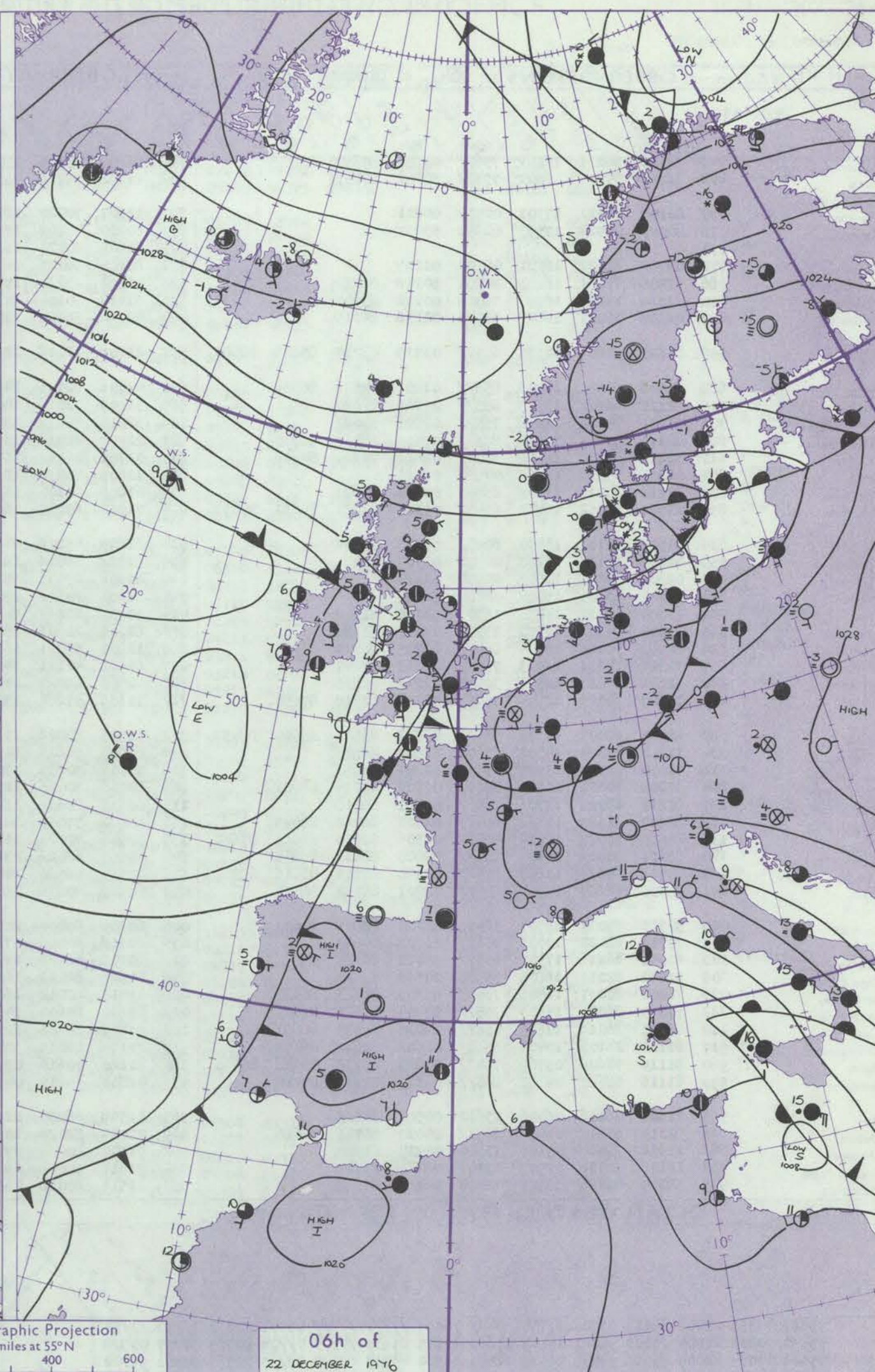
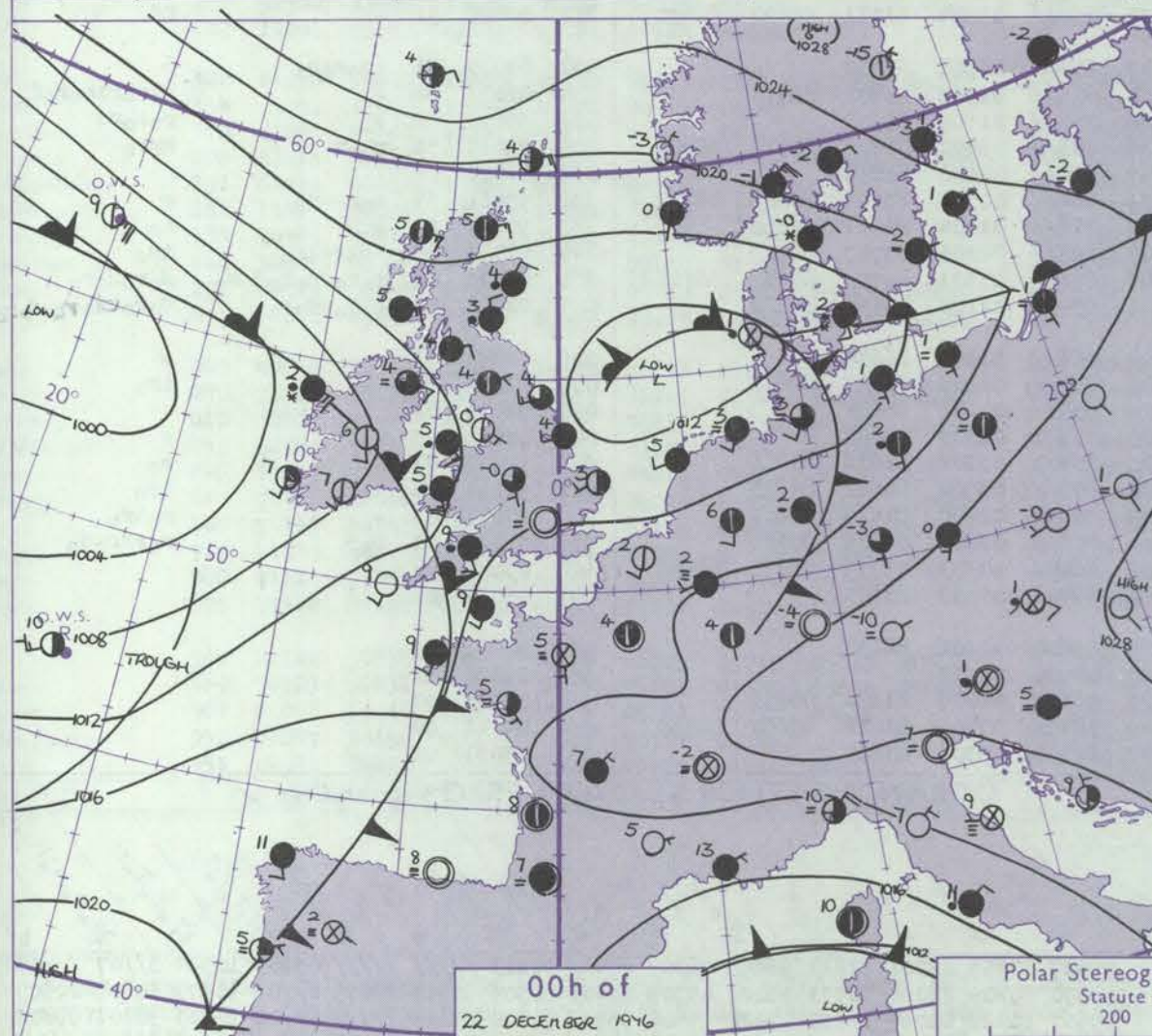
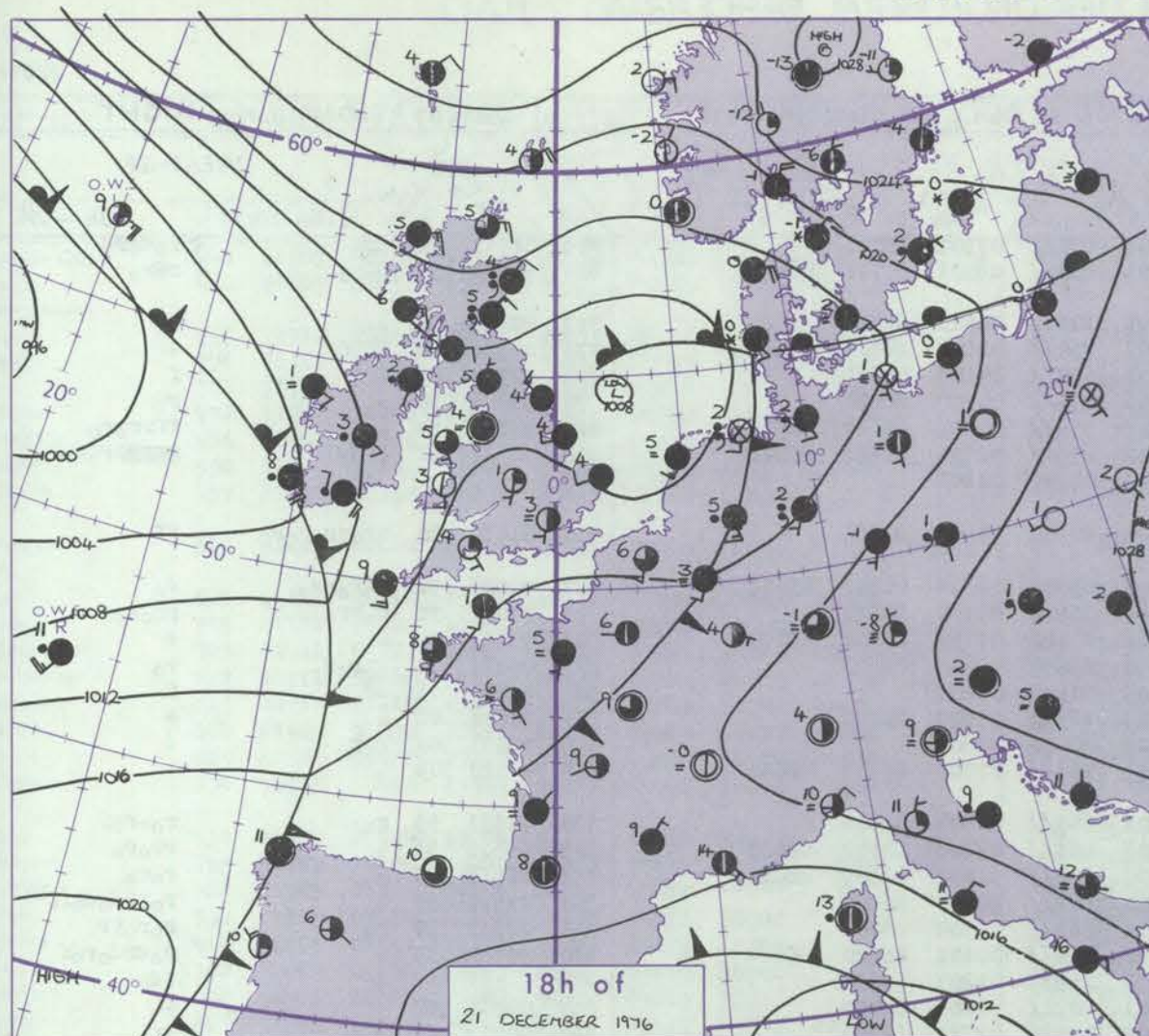
Date of Issue WEDNESDAY 22 DECEMBER 1976

OBSERVATIONS at 12h. 21 DECEMBER 1976										OBSERVATIONS at 18h. 21 DECEMBER 1976										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 T + E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	72909	40106	11903	752//	03012	83705	86615		746	32006	50051	15102	00901	01114	83075			746	97053	021	f d of	+	
Hurn	862	73009	56056	12705	763//	03116	81708	87709		862	11802	40101	15202	10970	02112	81358			862	00073	032	+	+	
Thorney Island																								
Manston	797	52508	65256	10207	49460	05803	81710	83918		797	72611	65028	14305	754//	01229	87618			797	07071	015	rr r Rpr r o	+	
Gatwick	776	72602	57216	10805	752//	05202	83705	84618	87640	776	72308	56106	15003	763//	03222	87709			776	92051	001	ir o	1f	
Kew	775	82903	58056	10904	863//	02104	85707	88710		775	12304	58051	14603	15500	02219	81620			775	91051	001	id o	+	
Heathrow	772	82906	40106	11104	862//	03005	85704	88706		772	42205	50101	14503	45400	02220	82710	83620		772	97041	000	r o	+	
Honington	586	82608	32634	09304	852//	03001	84703	88620		586	82410	30106	12303	862//	03222	85703	88705		586	02061	000	fr o rr	+	
Wattisham	590	72610	48616	09504	752//	04002	81704	87622		590	82514	45056	12703	853//	02223	83706	88622		590	01061	000	ffrr r o r o d o r o	+	
Gorleston	497	82206	32606	09107	864//	06803	88710			497	82410	20056	11704	864//	03226	88710			497		000			
Aberporth	502	72307	81021	11904	18532	02004	81820	87070		502	11712	65051	12503	18530	02102	81820			502	00061	021	+	+	
Filton	628	72603	50217	11903	6527/	03009	81705	86645	87358	628	11903	50011	14103	10930	01213	81360			628	97061	032	r o - r o	+	
Rhoose	715	73006	56056	12705	11434	04011	81816	87070		715	61805	75031	13904	38430	01106	81816	83622	86359	715	00061	043	+	+	
Hartland Point	703	62903	80152	12907	32538	02005	83820			703	71710	83022	13105	785//	02500	81825	87650		703	00071	032			
Mount Batten	827	12905	62011	13407	18509	03005	81825			827	81910	62031	14007	2157/	03000	82820	85358	88460	827	97091	034	+	d o r o	
St. Mawgan	817	31904	82020	13407	38500	03003	81820			817	81910	70211	13106	1567/	02806	81630	86358	88460	817	97071	038	+	r o	
Silly	804	61903	82031	14108	48579	03102	82820	83625		804	81715	80022	11709	6852/	03709	83820	85624	88458	804	02102	012	+	rr	
Culdrose	809	61502	75031	13407	28430	04001	81818	84359		809	81509	70038	12808	6843/	06804	82818	86630		809	91091	033	+	pr o ir o r o r o	
Guernsey	894	72808	84022	15107	21536	01012	82822	83362	86075	894	71908	80022	16507	21532	03210	82820	87359		894	00081	009	+	+	
Elmdon	534	82505	15104	10902	862//	02006	86704	88706		534	32207	15284	13401	16101	01217	81702	83070		534	00043	007	f	f	
Cardington	559	82707	45206	10303	853//	03002	81708	84615	88625	559	42412	50106	13602	45400	02220	81710	84620		559	02041	000	fr o rr d o d o	+	
Wittering	462	82507	12102	09703	861//	03002	83702	88705		462	82614	12101	12403	860//	02221	84701	88702		462	00031	000	+	+	
Watnall	354	72706	40107	09303	653/1	03703	81707	85614		354	82505	25102	12303	854//	03220	84710	88615		354	00031	003	ff	+	
Shawbury	414	82705	40104	11004	854//	03005	82710	88616		414	22205	35041	12501	15631	51214	81640			414	00063	024	ff	+	
Finningley	360	82808	19216	08803	854//	03804	88615			360	82808	50046	10804	854//	03218	83712	88622		360	01041	000	d o r o d o r o dr	d o r o d o	
Spurn Point	396	93006	01435	08505	9//	05708	89/00			396	82609	10205	10404	862//	04217	88703			396			FFff	ffid o	
Leeming	257	83406	07636	09205	870//	05804	88700			257	82907	18106	10505	863//	04214	88709			257	05051	000	rrfr r o r o	r o	
Tynemouth	262	80512	35806	10506	854//	06807	88618			262	83617	69258	10105	885//	04105	84820	88625		262	02062		pr o ir o	prpr o ir o	
Carlisle	222	80202	40616	10405	7532/	04801	81708	86623	88459	222	80104	50046	11305	854//	04212	85713	88625		222	02051	000	ir o rr r o r o	ir o	
Valley	302	12609	66011	11107	18402	02000	81818			302	61506	64031	11805	4143/	02205	84816	85360		302	00071	042	+	+	
Ringway	334	82302	04427	10901	862//	05021	88703			334	81807	08426	12402	862//	01212	86704	88706		334	92031	000	ff	d o d off	
Squires Gate	318	82602	57517	10203	854//	03801	85615	88630		318	80000	20106	11604	854//	03213	82617	86624	88640	318	93051	000	r o r o d o	+	
Ronaldsway	204	73102	61606	10205	6843/	03804	81712	85630	87360	204	80000	56046	11004	884//	03309	81812	88657		204	95051	000	r o r o	r o	
Mull of Galloway	131	80706	66606	10505	885//	04802	82825	88630		131	81406	60506	11105	864//	05212	88715			131	95051				
Eskdalemuir	162	80107	15505	10803	871//	02804	86702	88708		162	80000	45216	12202	872//	01113	88704			162	01037	000	d o d o id o	id o - r o	
Prestwick	135	70808	62215	11205	753//	04000	81708	83618	85624	135	80911	60046	11705	854//	03207	84712	83620	88656	135	92051	000	ir o r o r o d o r o	d o r o	
Abbotsinch	140	80610	58616	11705	853//	05802	81706	86708	88616	140	80708	65036	12505	854//	03309	82712	85617	88650	140	02061	000	d o r o r o r o rr	ir o d o r o	
Leuchars	171	80518	50586	13005	853//	05803	82707	84709	85616	171	80415	65586	12505	854//	03400	83710	88616		171	02061	000	rr r o r o d o r o	r o d o r o r o r o	
Dyce	091	80609	56606	14805	854//	03805	85712	88618		091	80411	56586	13904	854//	02703	85713	88620		091	03051	000	r o rr r o r o	d o r o rr r o	
Lerwick	005	50720	80258	21705	58400	50811	82815	83630		005	406													

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 anticyclone to north of the British Isles has remained almost stationary, but during the past 24 hours the complex low pressure area which covered southern Britain has moved northeastwards to the North Sea. The depression over the eastern Atlantic has moved slowly southeast, and the associated frontal trough has

moved northeastwards across southern Britain. During the next 24 hours the front will continue to move northeast, crossing much of the British Isles. The anticyclone to north of Scotland will persist, and the depression to the southwest of Ireland will also remain slow-moving.

Issued at midday WEDNESDAY 22 DECEMBER 1976

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

OBSERVATIONS at 00h. 22 DECEMBER 1976										OBSERVATIONS at 06h. 22 DECEMBER 1976										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _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 L _h C _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 E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	71106	64031	16201	756//	00801	87632			746	81809	50216	15507	870//	07501	88701			746	01511	55	r _o	r _o d _o r _o	
Hurn	862	71302	57215	16001	756//	50802	87636			862	81808	59216	15709	854//	08501	85712	88639		862	95511	55	d _o r _o	r _h r _o	
Thorney Island																								
Manston	797	01907	62021	17901	00900	00211				797	11907	70020	18302	10931	01503	81360			797	00501	53	+	+	
Gatwick	776	00000	03424	17553	00900	53007				776	80000	45104	17401	854//	01504	84711	88627		776	00531	56	1fRff	+	
Kew	775									775	81605	60024	16706	854//	04603	88619			775	00531	56	ff	f	
Heathrow	772	00000	22100	16801	00900	01105				772	81605	56101	16505	855//	04707	88621			772	97001	55	+	r _o	
Honington	586	32206	57031	16201	00901	50216	83075			586	71202	25284	17400	756//	00302	82630	86640		586	01511	54	+	ffrrr _o r _o	
Wattisham	590	32310	16101	16300	36000	00112	83700			590	61410	50104	17302	655//	02501	81627	86641		590	92511	52	#PFF	ffrrr r _o d _o r _o	
Gorleston	497	42305	58011	16003	46400	01216	84715			497	02308	56100	17001	00900	01206				497					
Aberporth	502	81523	60606	10305	6542/	03715	82710	85625	88557	502	21708	12108	12604	20930	04209	82362			502	01031	00	1r _o p _o r _o r _o r _o	ff	
Filton	628	81308	60581	14203	855//	01808	84626	88656		628	41706	62106	14307	45300	06304	81708	83656		628	01021	52	d _o r _o rr _o	r _o	
Rhoose	715	81110	66606	13705	855//	03712	88620			715	31905	72016	14005	35500	04104	83620			715	01041	51	r _o rr _o	ph _o r _o	
Hartland Point	703	71913	74216	11408	755//	07505	87622			703	32010	80018	13008	25401	07108	81712	83075		703	93051	04	+	+	
Mount Batten	827	82119	50636	12810	873//	09610	85707	88710		827	22407	68016	13610	28530	08400	81823			827	05081	04	r _o r _o R	r _o	
St. Mawgan	817	32212	61216	12109	35300	08501	81709	83638		817	01706	08411	13505	00900	05801				817	01041	01	dr	f	
Scilly	804	02211	65016	12209	00900	08211				804	11805	70030	12609	12500	07707	81820			804	00081	06	+	+	
Culdrose	809	22113	60016	11909	25500	09301	82620			809	01805	60100	13108	00900	08801				809	02071	02	r _o r _o	+	
Guernsey	894	81911	58052	16709	6547/	07301	82711	86630	87359	894	71812	65022	16609	753//	07504	82708	87620		894	00081	06	+	+	
Elmdon	534	61505	50111	15450	6095/	51205	86366			534	81609	45216	14802	863//	01504	88706			534	01521	55	r _o r	r _o -r _o f	
Cardington	559	02106	50100	16200	00900	00107				559	81702	56616	16103	853//	03803	82707	88623		559	96001	56	+	rr _o r _o	
Wittering	462	02308	40041	15600	00900	51312				462	81508	25611	16001	853//	51602	83709	88620		462	01511	53	+	r _o r _o	
Watnall	354	02404	20101	15000	00900	50109				354	81204	20516	15201	872//	50503	88705			354	01511	55	+	r _o rRd _o d _o ff	
Shawbury	414	10000	57110	14253	15501	53104	81620			414	81103	22216	14002	863//	02304	88706			414	02533	57	r _o	r _o r _o f	
Finningley	360	11902	40101	13701	15700	01213	81650			360	81204	22601	15000	855//	00101	86620	88640		360	96521	55	+	r _o drd _o r _o f	
Spurn Point	396	82511	50022	13704	864//	03215	88713			396	11908	57021	16202	15600	01207	81630			396			+	1d _o	
Leeming	257	72606	82031	13003	756//	02113	87647			257	81507	40101	14701	8092/	01204	88459			257	00011	52	+	+	
Tynemouth	262	32812	65028	12503	30940	02211	83358			262	22506	65020	14502	20930	02211	82360			262	00021	51	+	+	
Carlisle	222	70603	70022	12904	754//	02107	82618	87650		222	71106	57284	13902	754//	01204	81711	83622	86650	222	00001	51	+	ff	
Valley	302	81413	60601	11805	5552/	03707	83626	85640	88459	302	11915	80026	11607	17400	06302	81712			302	03031	51	1r _o r _o r _o	+	
Ringway	334	11807	45044	14301	15600	51304	81640			334	81905	56617	14304	873//	01503	83708	88710		334	01011	52	+	r _o s _o rsr _o r _o f	
Squires Gate	318	11304	25111	13100	15700	00204	81650			318	71108	30237	13002	756//	01605	87635			318	96511	53	+	r _o s _o rs	
Ronaldsway	204	31204	70011	11702	35400	01801	81714	83620		204	80916	70036	11706	853//	03400	81708	84716	88620	204	01021	51	r _o -r	Rrr _o	
Mull of Galloway	131	81212	66025	11706	864//	05801	88718			131	81515	80606	11605	864//	04500	88718			131	01051				
Eskdalemuir	162	83507	62582	12902	854//	01002	82712	88645		162	80000	57056	14101	862//	00304	83705	85708	88712	162	93016	51	d _o r _o -r _o	+	
Prestwick	135	80809	70022	12804	7542/	02306	81714	83618	87642	135	70906	70021	13402	756//	01304	84634	87650		135	97011	51	+	r _o	
Abbotsinch	140	80611	70026	13104	854//	02000	82616	88645		140	81106	62026	13604	863//	02301	83707	88709		140	91031	02	1d _o r _o ir _o	ir _o	
Leuchars	171	83408	65616	13603	854//	02000	83712	83616	88625	171	80514	56586	14006	872//	05301	81705	83708	88712	171	03031	02	r _o r _o rd _o r _o d _o r _o	d _o r _o d _o r _o	
Dyce	091	80208	62606	14504	854//																			

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

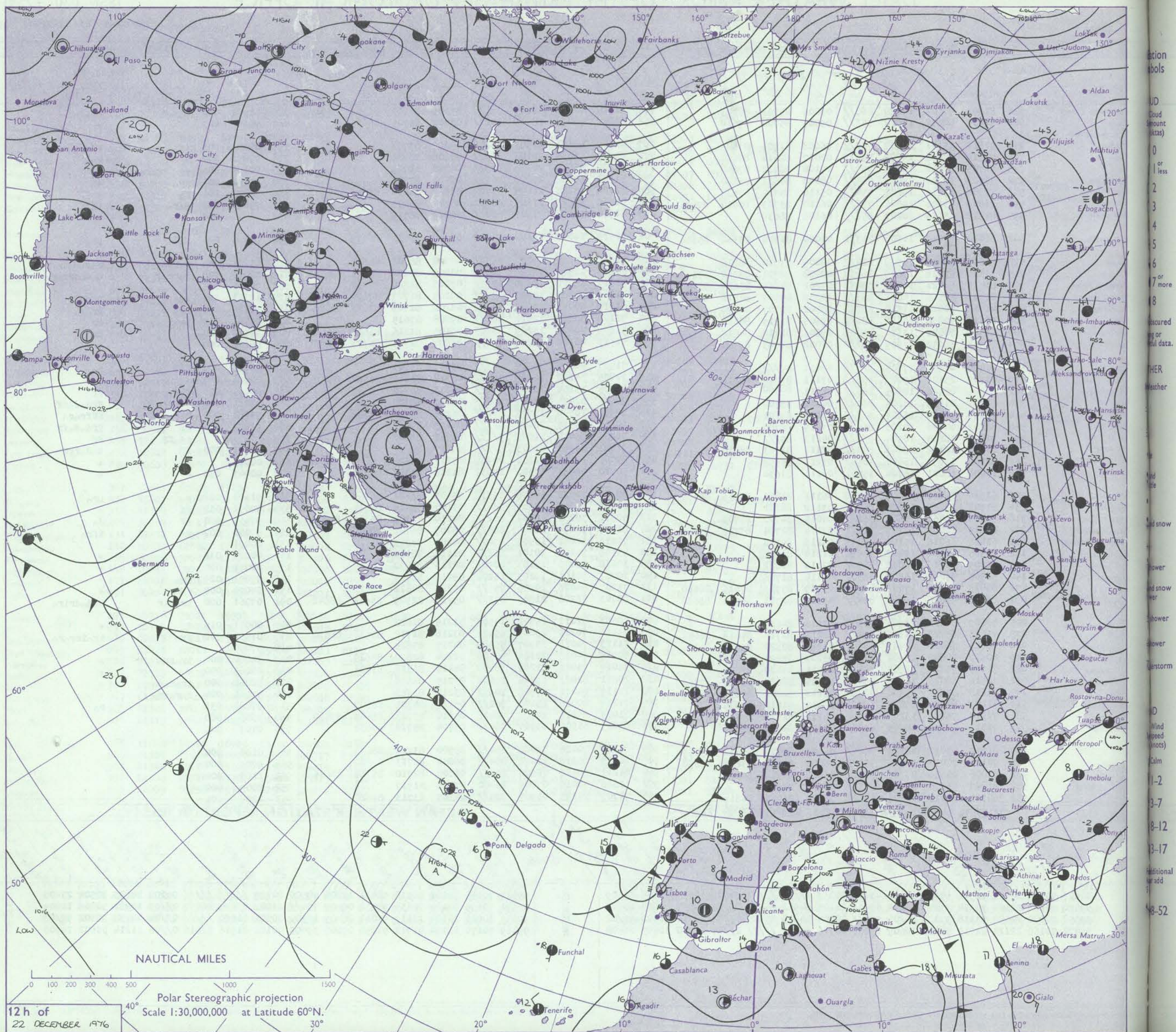
ISSN 0307-2541

No. 42035

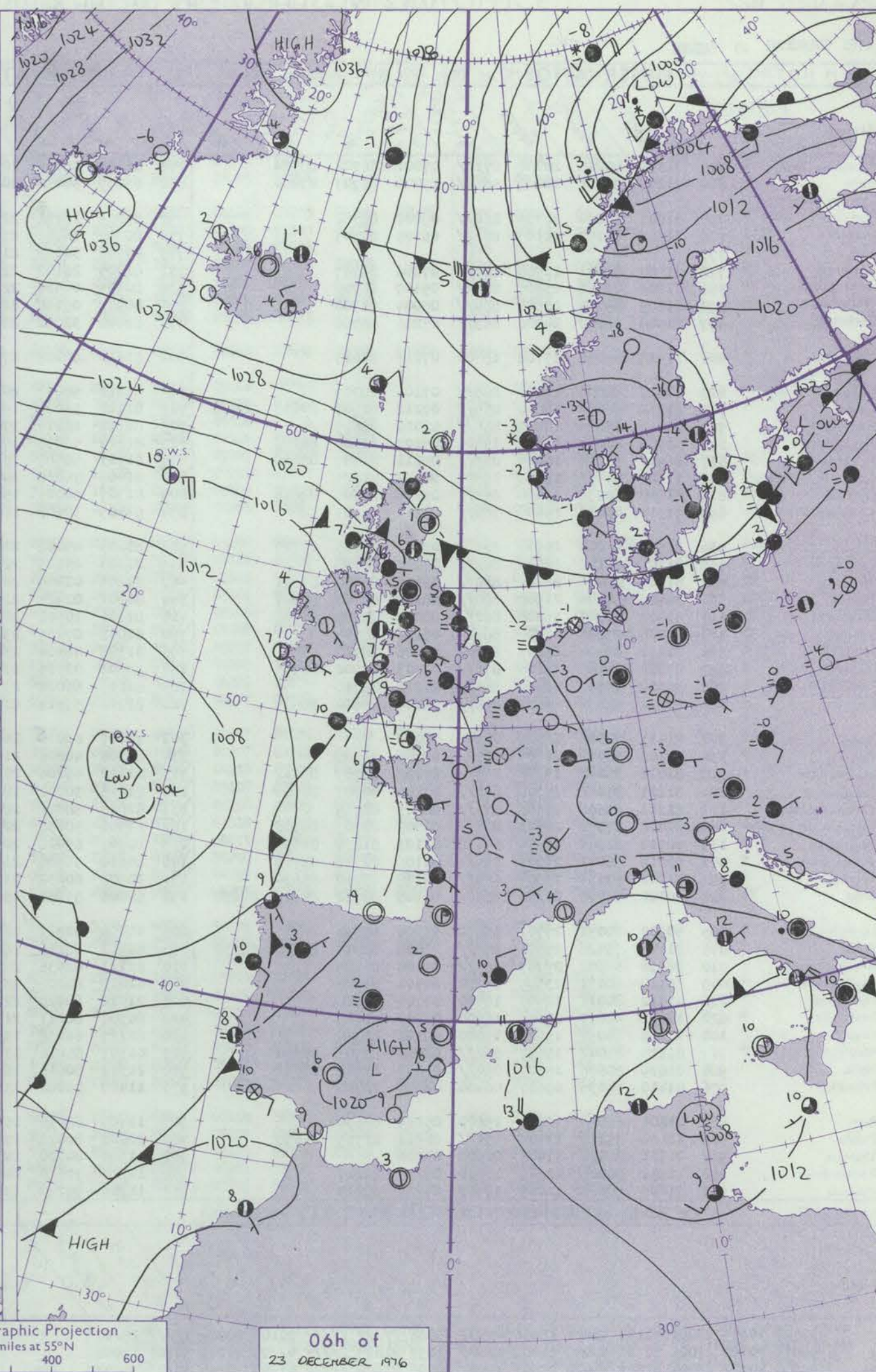
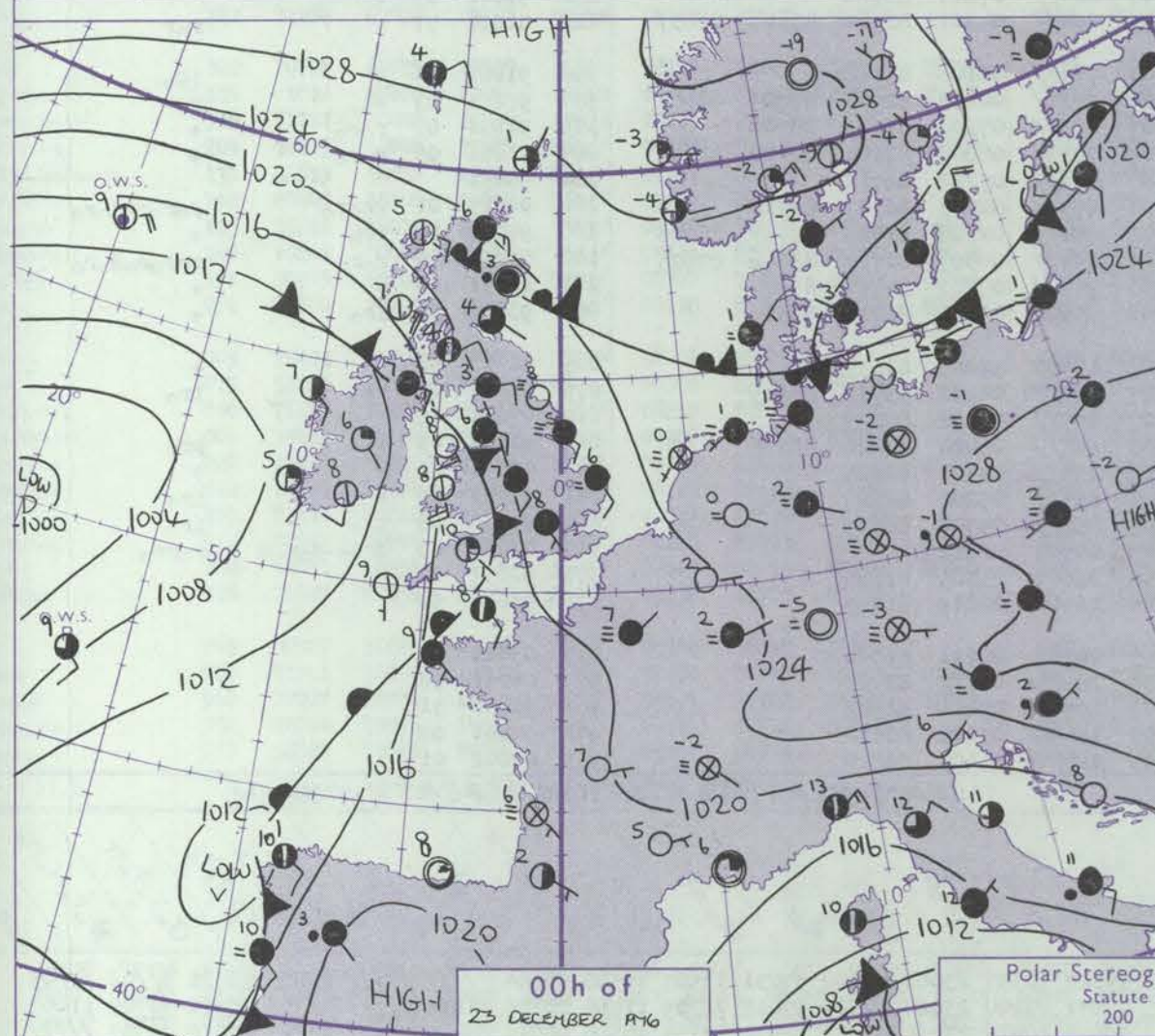
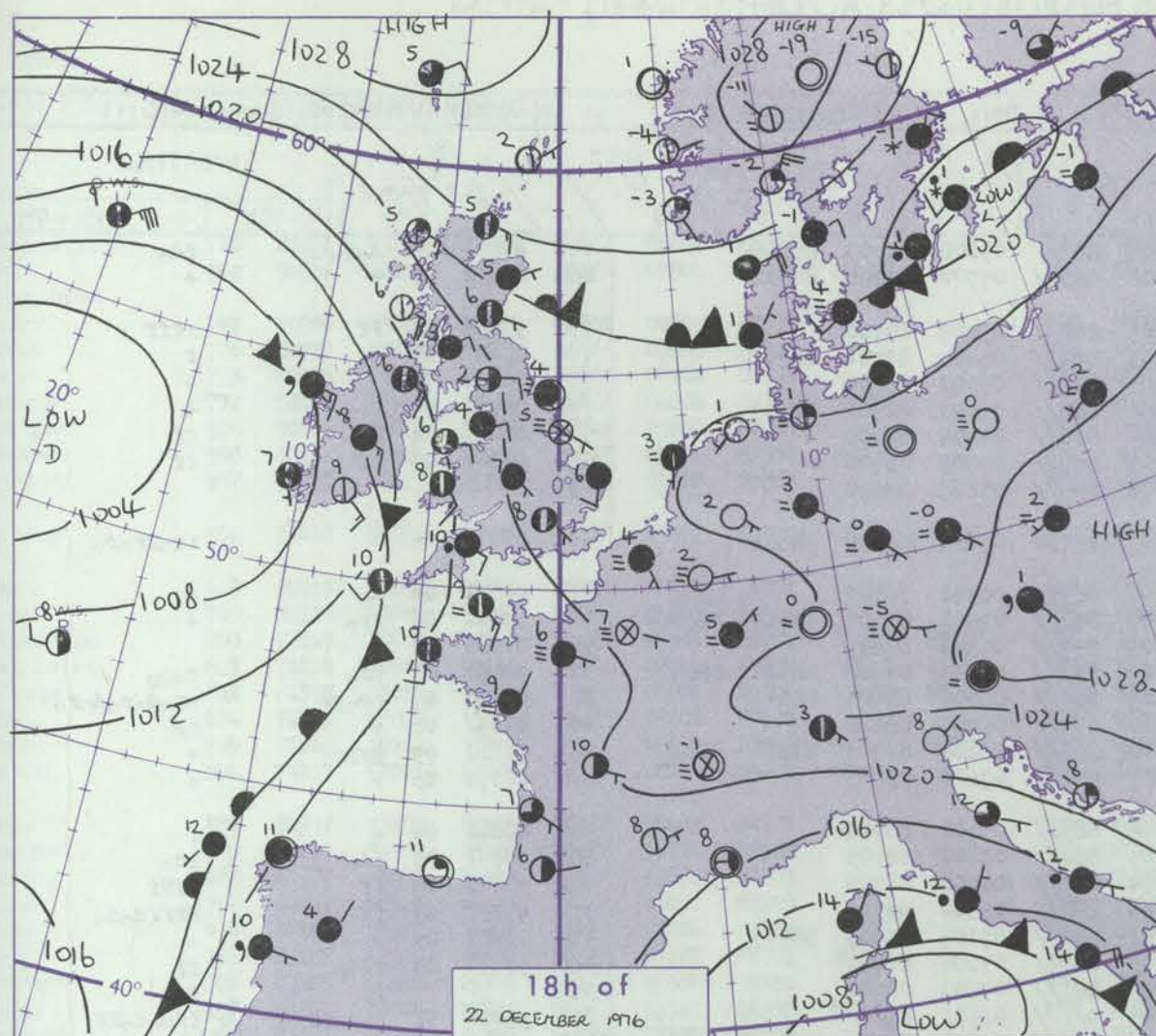
Date of Issue THURSDAY 23 DECEMBER 1976

Code FM II.D	OBSERVATIONS at 12h. 22 DECEMBER 1976										OBSERVATIONS at 18h. 22 DECEMBER 1976										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 x F	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	81607	40102	17708	860//	08006	85701	88703		746	81310	40106	18708	871//	07209	84702	86704	88714	746	91081	000	d _h r _h d _h	d _h -d _h r _h		
Hurn	862	71607	50052	17910	753//	09005	85706	87610		862	81407	56052	18509	852//	08207	86705	88619		862	00101	000	+	+		
Thorney Island																									
Manston	797	71711	23101	20507	750//	06008	81701	87645		797	41409	40101	21505	36201	05207	83704			797	00081	001	+	F		
Gatwick	776	71710	40052	19209	754//	08007	82614	87650		776	81407	56056	20108	863//	07208	88706			776	97091	002	+	r _h		
Kew	775	71705	57052	19109	754//	07108	86712	87640		775	81202	56052	20208	863//	06308	88709			775	00101	004	+	+		
Heathrow	772	71905	34258	19009	784//	08008	84611	85640		772	71303	50052	20208	763//	07209	87708			772	97101	001	pr _h	+		
Honington	586	71706	37216	19606	754//	05110	85714	87635		586	61204	16106	21105	55702	05312	85650	83073		586	97071	000	r _h	+		
Wattisham	590	71809	23106	19806	752//	06110	83703	86617	87625	590	51409	37102	21105	00901	05211	85075			590	97071	000	d _h r _h	iff		
Gorleston	497	81912	58158	20207	856//	06108	88630			497	81910	56052	21906	864//	06212	88715			497		000				
Aberporth	502	61414	62014	14108	21371	07000	81706	83362	85366	502	71515	64038	13608	52531	07500	85821	86073		502	91091	026	ff	pr _h		
Filton	628	61603	50216	16309	624//	08005	83710	86816		628	81408	50586	17109	853//	08208	86706	88620		628	01101	000	r _h r _h r _h	r _h r _h d _h r _h		
Rhoose	715	71310	57028	15809	36039	08002	82701	83360	87175	715	81213	22586	16108	871//	08207	82702	86707	88710	715	02091	008	r _h r _h r _h f	d _h d _h d _h r _h r _h		
Hartland Point	703	61412	69021	14009	38431	07802	81815	83620	86075	703	51614	68012	13809	1253/	07203	81820	84360		703	00101	026				
Mount Batten	827	81711	62806	14611	883//	10802	84707	84816	88624	827	81812	58808	14810	883//	09205	81707	86820	88625	827	11111	006	pr _h	pr _h pr _h		
St. Mawgan	817	41712	60018	13510	28302	08802	81707	84070		817	61811	60021	13509	48332	08208	81709	83813	85075	817	92111	031	pr _h	pr _h pr _h		
Scilly	804	61514	70038	12511	684/2	09803	81815	86620		804	72109	60218	12410	754//	09208	87615			804	04111	019	pr _h	ir		
Culdrose	809	61509	70031	13310	58401	09806	81710	84818		809	51609	60022	13209	38402	09105	81816	83620		809	97111	000	+	pr _h		
Guernsey	894	71513	56052	17909	762//	08002	84703	87704		894	71513	40102	18209	752//	08207	82705	84707	86650	894	00101	000	+	+		
Elmdon	534	91404	01474	17705	9////	05011	89///			534	81507	40604	18807	873//	07209	88707			534	91081	000	ffF	r _h		
Cardington	559	81709	25106	19007	854//	07111	85710	88618		559	71406	35102	20206	35632	06310	83640	86360	85075	559	00081	000	+	+		
Wittering	462	81905	01466	18505	860//	05011	88700			462	81106	13104	20107	864//	06211	88710			462	00071	000	ffF	ff		
Watnall	354	82103	01515	18204	860//	04011	88700			354	80705	02425	19805	860//	05110	88700			354	92061	000	ffF	FFd _h d _h FF		
Shawbury	414	91205	01454	16903	9////	03111	89/01			414	80907	10604	17706	871//	06205	82702	88708		414	93081	000	FFf	FFfr _h r _h		
Finningley	360	81802	04446	18203	860//	03115	88700			360	90802	03515	20404	9////	04113	89///			360	92051	000	ff	ffF		
Spurn Point	396	91906	16105	18904	9////	04213	89///			396	91205	06434	21005	9////	04211	89/00			396			id _h ff	ff		
Leeming	257	81507	12102	18003	872//	02111	83703	88710		257	91503	04505	21003	9////	03219	89///			257	91031	000	f	d _h d _h ffF		
Tynemouth	262	52502	13051	18404	5093/	03216	85358			262	80000	24102	21204	00907	03217	88275			262	00051		+	+		
Carlisle	222	11006	68021	16704	15601	02114	81630			222	50910	60031	19302	10932	01216	81364	85075		222	00043	038	+	+		
Valley	302	61510	80021	15009	18439	06111	81815	83365	85172	302	70911	70022	15206	35532	03303	83622	86364		302	91101	028	+	pr _h		
Ringway	334	81702	13286	17604	860//	03112	88701			334	80709	30042	19005	864//	03107	83710	88714		334	00071	012	ff	+		
Squires Gate	318	81209	05461	16604	861//	04015	84702	88706		318	80811	30204	18004	862//	04110	82705	85709	88712	318	97051	000	ff	d _h		
Ronaldsway	204	61015	50041	15107	622/1	07114	82704	83710	85820	204	81019	09464	16305	860//	05207	86701	88702		204	97081	002	+	ifr _h		
Mull of Galloway	131	61415	66016	15106	5743/	05216	85718			131	71218	62052	16505	774//	04209	87715			131	00061					
Eskdalemuir	162	13505	70021	17402	10930	01214	81362			162	83308	35101	20101	862//	01116	88703			162	00026	036	+	+		
Prestwick	135	20705	75016	16003	28502	02110	81822			135	30610	58040	18103	00901	00113	83070			135	00051	024	+	+		
Abbotsinch	140	30506	56046	16804	38302	03114	81706			140	10707	30101	19203	16200	03116	81704			140	97051	029	ir _h	+		
Leuchars	171	80813	56626	17706	853//	05119	85709	87615	88650	171	71007	64026	20906	755//	05223	84622	86628		171	04071	000	r _h r _h	+		
Dyce	091	80806	45616	19505	854//	03219	82711	86714	88620	091	80703	56206	21805	853//	05219	82709	85616	88642	091	03061	000	ir _h r _h r _h	d _h d _h d _h ir _h		
Lerwick	005	40609	82011	22904	45500	50213	84626			005	10503	82011	25702	15500	51215	81622			005	00051	015	+	+		
Wick	075	71013	65216	21305	6542/	02216	82714	84618	86640	075	71114	70216	23805	6542/	03218	81712	83618	86630	075	01061	000	ir _h	ir _h ir _h r _h		
Sule Skerry	010	70912	74018	2																					

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure has remained high from Scandinavia to eastern Greenland. A small depression over the eastern North Sea moved away eastwards. Another depression in mid-North Atlantic moved steadily southeast whilst the associated fronts became slow-moving over western districts of the British Isles.

During the next 24 hours the low to the southwest of Ireland will continue filling as it moves southeast, whilst the fronts over western Britain remain slow-moving. The high near Iceland will intensify, but a cold front will move southwards across Scandinavia and reach northern Scotland by tomorrow morning.

Issued at midday THURSDAY 23 DECEMBER 1976

No

COMMONC

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

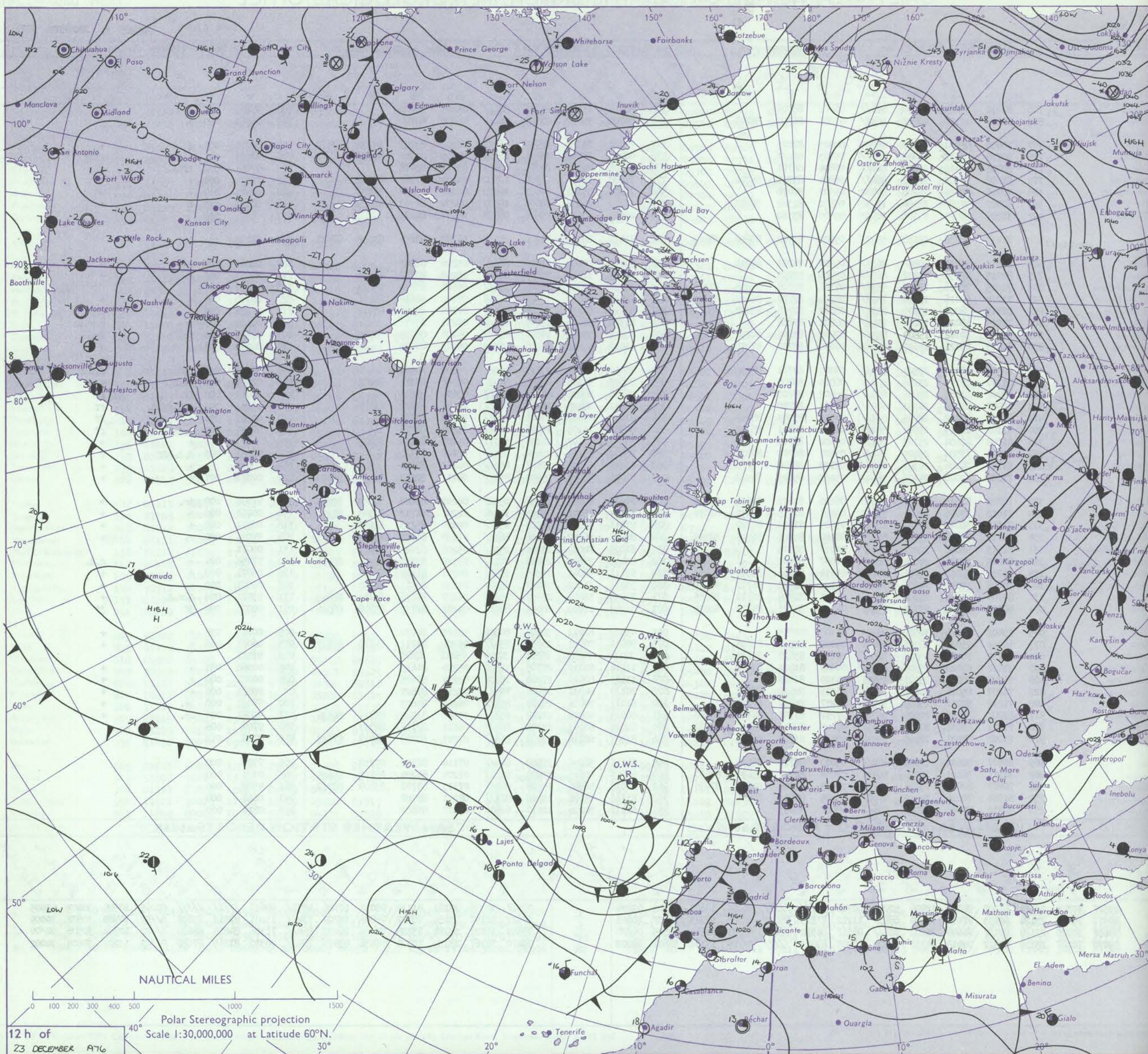
ISSN 0307-2541

No. 42036

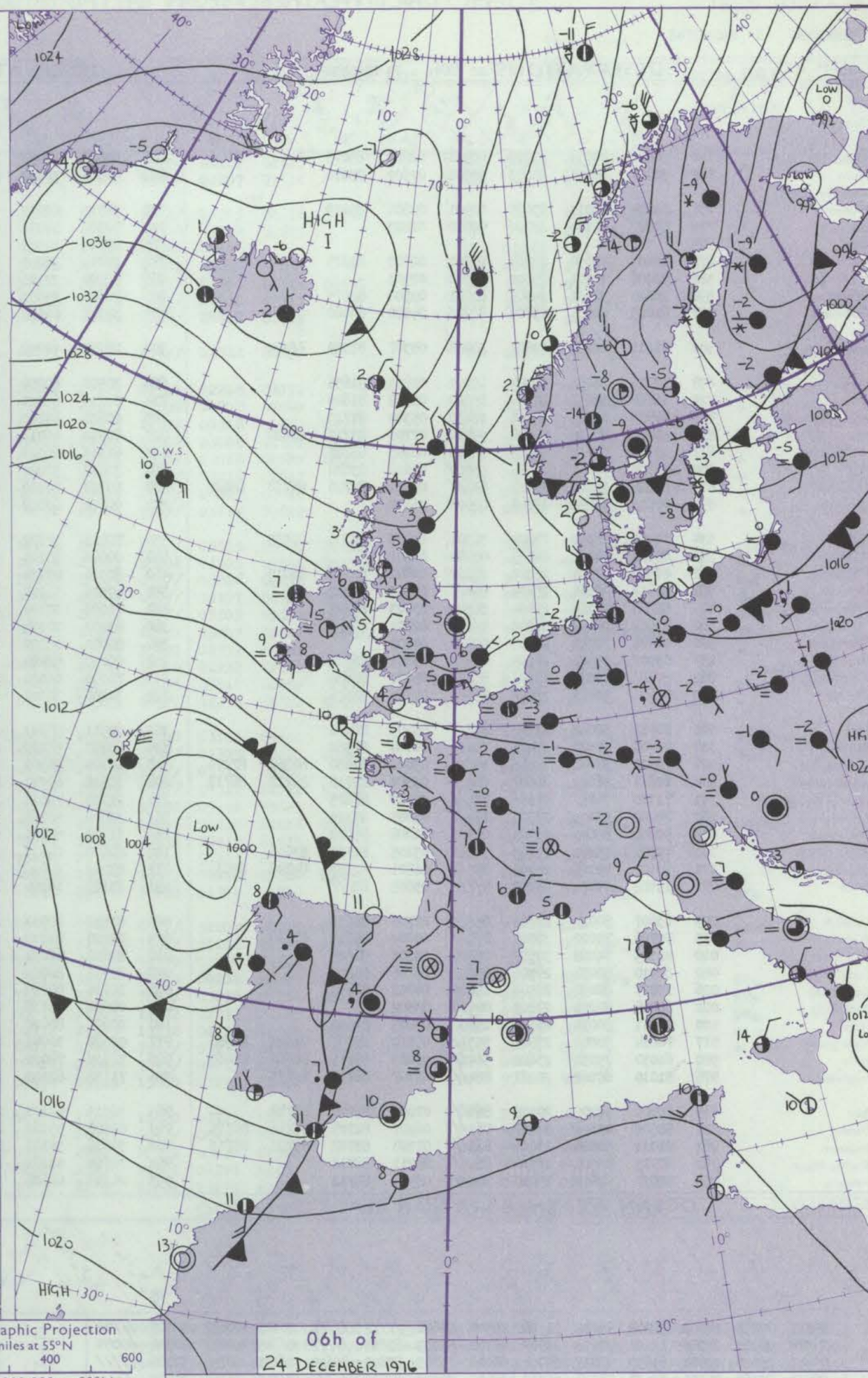
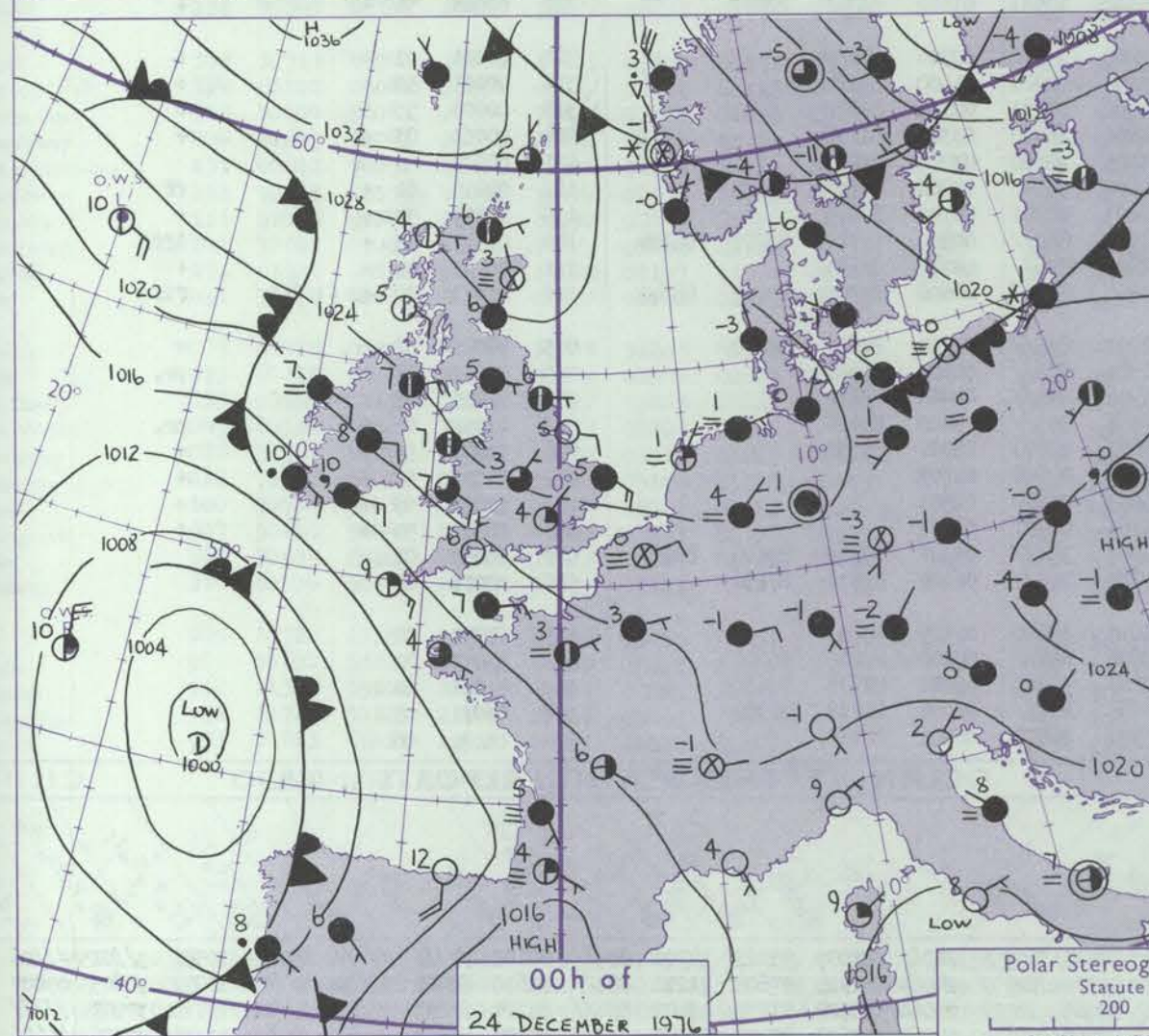
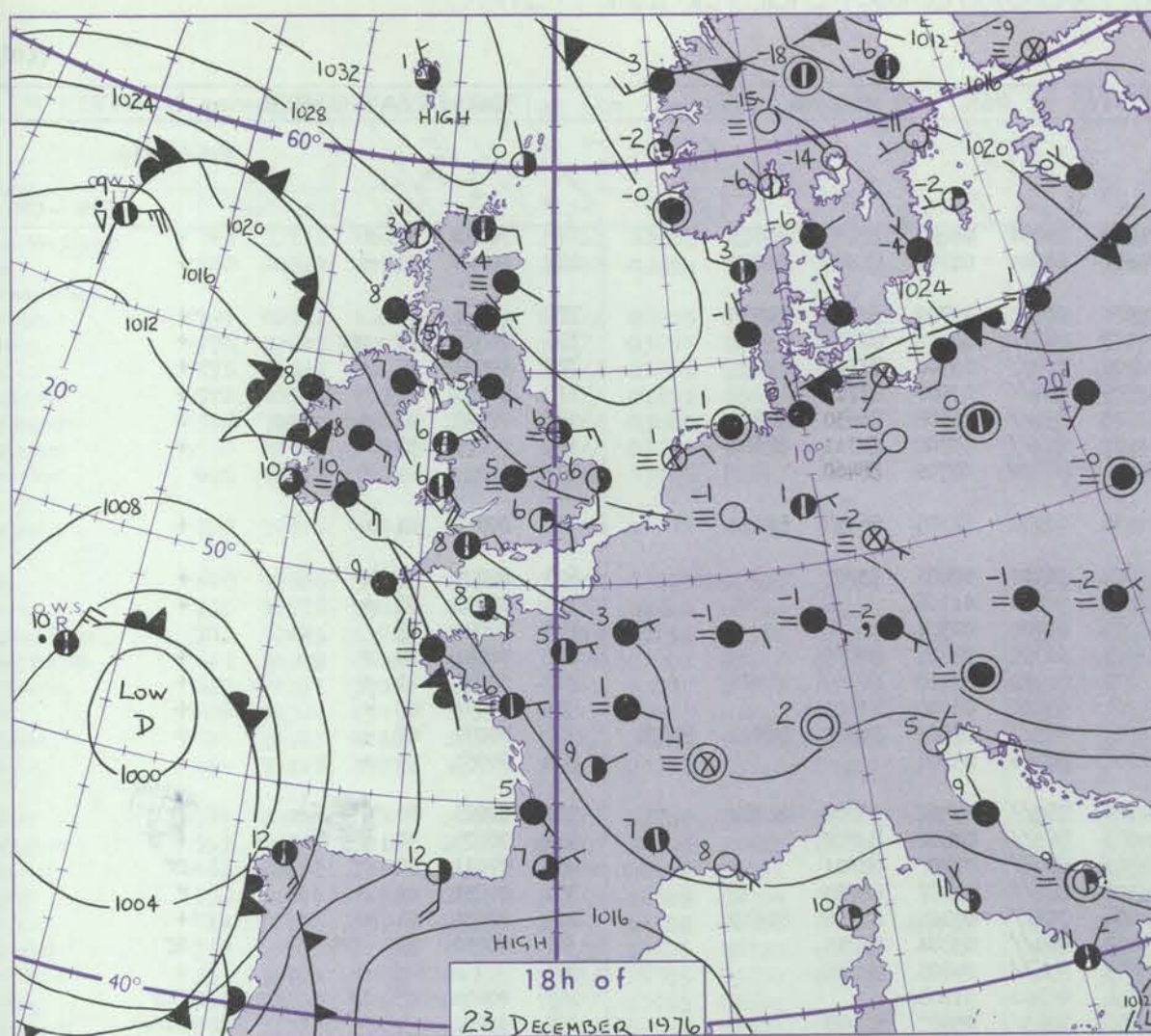
Date of Issue FRIDAY 24 DECEMBER 1976

Code FM II.D		OBSERVATIONS at 12h. 23 DECEMBER 1976										OBSERVATIONS at 18h. 23 DECEMBER 1976										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	RRRT	T _x T _x	SS	WEATHER			
																							09h.—15h.	15h.—21h.		
Boscombe Down	746	81011	15285	21506	870//	06802	88701			746	80814	15104	21505	860//	05105	88700			746	97061	000	d.d.fff	f			
Hurn	862	80807	22102	20807	861//	07801	86702	88703		862	80709	35052	20907	862//	06205	88704			862	00081	000	+	+			
Thorney Island																										
Manston	797	70906	45054	23107	00901	04803	87075			797	70714	23102	22905	662/1	04202	83703	85704	87075	797	00071	030	f	+			
Gatwick	776	90709	03435	22505	9////	05803	89////			776	60504	24105	22404	16102	04103	81702	86075		776	97061	000	ffd.	frif			
Kew	775	80708	05462	22806	860//	06804	88701			775	30708	45055	23005	00901	03204	83078			775	97061	000	ffid.f	f			
Heathrow	772	81008	11102	22806	860//	06804	83701	88702		772	31008	28051	23006	10932	04104	81360	83078		772	00071	000	+	+			
Honington	586	70906	32054	24206	00902	05802	87070			586	70608	35052	24403	20972	02202	82362	87072		586	00071	029	+	+			
Wattisham	590	60907	37284	23906	10932	05802	81362	86075		590	50709	56052	24004	10932	03204	81360	85075		590	00071	023	f	+			
Gorleston	497	31207	58021	25106	30930	05400	83360			497	40911	60011	25506	00908	05204	84275			497		018					
Aberporth	502	81418	60036	18108	5547/	05809	81710	85650	88463	502	71421	62056	18206	25732	04103	82650	83358	87072	502	97081	000	ir.	+			
Filton	628	80913	45052	20807	863//	05802	84707	88710		628	80814	20102	21506	862//	05206	88703			628	00081	000	+	+			
Rhoose	715	80715	42056	19807	862//	05806	88705			715	80715	32102	20606	861//	05210	83702	88703		715	97071	000	r.	+			
Hartland Point	703	71015	70026	17308	5537/	07101	82708	85635	87360	703	70924	62022	16608	754//	06500	82710	85630		703	00092	000					
Mount Batten	827	71214	60016	17110	753//	08704	82709	86612	87645	827	71112	62012	17009	45408	07102	84618	87272		827	00101	000	+	+			
St. Mawgan	817	81315	58056	16209	853//	08802	82706	85707	85709	817	51416	58056	16108	3631/	07204	83707	85460		817	97091	000	+	ir.			
Scilly	804	71413	58028	15010	754//	08801	87618			804	81311	58216	15409	874//	09211	88711			804	02112	000	pr	r.r.r.r			
Culdrose	809	81212	50102	15809	853//	09802	83706	84710	88630	809	80814	35106	16308	872//	08109	84703	88706		809	93101	000	ir.	ir.			
Guernsey	894	71413	60021	18607	663/2	06000	85707	87075		894	61010	58052	18108	00902	06203	86075			894	00081	001	+	+			
Elmdon	534	80907	18104	23504	860//	04003	84701	88702		534	80606	20105	23805	862//	05206	88704			534	97051	000	fid.	d.d.f			
Cardington	559	81110	33105	23706	862//	06804	88703			559	80607	56105	23905	50937	04106	85362	88278		559	97071	000	id.f	+			
Wittering	462	80907	13284	24005	860//	05802	88701			462	70808	28044	24405	756//	03101	87646			462	00061	000	ff	ff			
Watnall	354	80907	03425	24303	860//	03001	88700			354	70611	08425	24705	761//	05106	84702	86704		354	91051	000	d.d.ffd.	ff			
Shawbury	414	81108	23102	22905	862//	04006	83703	88707		414	81107	09462	23405	860//	05106	88700			414	00061	000	+	ff			
Finningley	360	81102	19515	25004	860//	04103	84701	88702		360	80702	11105	25405	862//	05204	88703			360	97051	000	d.d.f	ff			
Spurn Point	396	81408	40104	25705	864//	05004	88710			396	50813	32102	26206	10971	05207	81360	85075		396			+	+			
Leeming	257	81305	13504	25805	861//	05107	86702	88704		257	83602	15105	26604	864//	04108	88711			257	91051	000	d.d.FFf	f			
Tynemouth	262	81707	24106	26307	863//	07108	88708			262	81108	61022	27407	856//	06209	88630			262	00071		+	+			
Carlisle	222	71208	62026	24107	55642	05107	85645	84362		222	81006	50042	25905	854//	04211	82712	84620	88630	222	00071	007	+	+			
Valley	302	70708	61025	20509	35518	06106	81622	83650	87275	302	70615	50046	20706	45518	04207	81620	84650	87275	302	97091	000	ir.	+			
Ringway	334	71012	57026	23906	55432	03107	81715	85635	87070	334	70804	35042	24405	15438	02207	81712	83360	87270	334	00061	000	+	+			
Squires Gate	318	71012	50042	22806	15678	05005	81640	87270		318	81011	40042	24005	854//	04210	85713	88650		318	00071	000	+	+			
Ronaldsway	204	81117	33046	21708	863//	07109	85706	86707	88709	204	80923	56042	23006	863//	05108	81707	88709		204	97091	000	r.	+			
Mull of Galloway	131	81613	58058	22207	864//	07217	88715			131	81029	74032	23206	2551/	05206	82625	88460		131	00071						
Eskdalemuir	162	80405	35106	24904	862//	04007	88703			162	80402	22515	27004	871//	03318	82702	87705	88709	162	97055	000	+	d.d.			
Prestwick	135	61216	58012	23606	3541/	05010	82710	83616	86460	135	61111	58042	25305	10931	04211	81362	86070		135	00071	000	+	+			
Abbotsinch	140	70608	50046	24606	753//	05111	82708	86710	87625	140	70811	50042	26007	6547/	05210	82711	86640		140	00071	000	+	+			
Leuchars	171	80909	60206	26306	853//	06107	82708	86711	88645	171	80805	58022	27907	853//	06209	85706	87710	88645	171	93071	000	d.r.d.	+			
Dyce	091	80000	20401	27704	852//	04110	81703	84714	88635	091	81002	16402	28804	852//	04107	81705	85708	88636	091	00071	000	jr	jr			
Lerwick	005	23402	84020	30502	28400	51108	81815			005	43402	82011	30900	00906	52105	84072			005	00033	038	+	+			
Wick	075	5121																								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

An anticyclone over the Denmark Strait has transferred to eastern Iceland. An associated ridge of high pressure to south Norway has moved to the southern North Sea followed by a cold front just approaching Shetland from the north. A depression about 400 miles southwest of Ireland has moved slowly southeast. An associated front over western parts of England and Wales yesterday has also moved slowly southeast but has frontalised from the north. During

the next 24 hours pressure will remain low over France and Spain and the ridge of high pressure from Iceland to the Low Countries will persist. This will maintain a cold northeast to east airstream over the British Isles in which the cold front near Shetland will move southwest into eastern parts of the British Isles.

Issued at midday FRIDAY 24 DECEMBER 1976

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

OBSERVATIONS at 00h. 24 DECEMBER 1976										OBSERVATIONS at 06h. 24 DECEMBER 1976										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	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	VVwww	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	RRT _n TE	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	50616	40054	21503	00901	02803	85075			746	40819	58051	21303	36201	01602	83705	83075		746	00021	01	+	+	
Hurn	862	30407	56051	21203	00901	02602	83070			862	40306	50050	20601	10941	01701	81364	84075		862	00011	51	+	+	
Thorney Island																								
Manston	797	30914	58011	23005	00901	03801	83075			797	50715	60011	22504	26301	01701	82708	84075		797	00041	02	+	+	
Gatwick	776	00607	22104	22202	00900	02803				776	70507	35101	22003	764//	02301	87711			776	00021	52	fff	+	
Kew	775									775	70714	50051	22705	764//	03500	87712			775	00041	01	+	+	
Heathrow	772	20405	40050	22904	00901	02702	82075			772	70814	56051	22805	764//	03500	87710			772	00031	51	+	+	
Honington	586	00406	18101	25002	00900	02101				586	80304	37101	23903	856//	03808	86630	88650		586	97021	51	+	+	
Wattisham	590	20610	32101	24503	00901	03500	82075			590	70606	35051	23503	754//	03708	82711	87644		590	00021	50	+	+	
Gorleston	497	81015	60031	25705	8092/	04400	88460			497	80507	66022	24306	8092/	04709	88460			497					
Aberporth	502	61211	62052	20807	30938	05307	83359	86272		502	70709	62052	21006	60932	52305	86359	87072		502	00051	01	+	+	
Filton	628	10709	58051	22204	15700	02803	81656			628	30507	60050	21903	36200	02400	83705			628	00021	51	+	+	
Rhoose	715	10720	58051	20605	15600	03808	81645			715	00716	64020	21203	00900	01106				715	00031	01	+	+	
Hartland Point	703	20823	62011	18407	17430	05304	81710			703	00822	64100	18205	00900	00304				703	00041	03			
Mount Batten	827	50918	60012	17308	55400	07706	83715	84620		827	40914	60011	17405	00901	03601	84075			827	00041	04	+	+	
St. Mawgan	817	31113	60011	16808	36300	06103	83707			817	61315	60021	17005	20972	02000	82359	85070		817	00031	01	+	+	
Scilly	804	31114	72011	15509	35500	08606	83620			804	31020	50021	15210	35500	08000	83620			804	00091	07	+	+	
Culdrose	809	80824	50102	16309	853//	09801	83706	84710	88620	809	80720	50102	16308	853//	07803	84709	86710	88620	809	00071	07	+	+	
Guernsey	894	00813	60051	17607	00900	06809				894	00712	62020	17006	00900	05704				894	00051	04	+	+	
Elmdon	534	70405	18102	24803	36301	02003	83706	87075		534	70808	18102	24303	762//	03802	85704	87706		534	00021	00	+	+	
Cardington	559	00404	03464	24601	00900	01801				559	80606	50104	24003	863//	03802	88707			559	00031	51	+	+	
Wittering	462	40510	09464	25202	26302	02802	82706	84075		462	80306	09424	24703	860//	03807	88701			462	97011	00	fff	fff	
Watnall	354	80612	20104	25404	861//	03803	88702			354	80506	56104	24703	862//	03807	88703			354	00031	02	f	f	
Shawbury	414	51005	25104	24604	56300	03003	85707			414	71007	30101	24604	753//	03101	83706	87615		414	00031	01	+	+	
Finningley	360	93502	00474	26202	9//	02801	89//			360	83202	20104	25403	864//	03804	88711			360	00001	51	ffff	fff	
Spurn Point	396	00909	70021	26605	00900	04801				396	80000	65021	25505	856//	04608	88645			396				+	
Leeming	257	63502	35102	27503	654//	03301	86618			257	00000	02484	26151	00900	51708				257	00013	55	1F	fff	
Tynemouth	262	80907	69022	28107	856//	05101	88635			262	70000	61021	26606	7093/	05807	87358			262	93051	04	+	r.r.	
Carlisle	222	80906	50042	26905	855//	04103	88626			222	31006	30101	26101	10931	01602	81362	83072		222	00003	56	+	+	
Valley	302	80713	50042	21907	857//	05205	88650			302	20511	58041	22705	25700	02306	82650			302	00031	01	+	+	
Ringway	334	70706	57022	25405	7093/	00104	87360			334	60707	58022	25204	00901	01500	86070			334	00021	52	+	+	
Squires Gate	318	70912	57042	24805	15738	03002	81650	84362	87270	318	10908	56101	25002	00901	02203	81075			318	00003	53	+	+	
Ronaldsway	204	60817	56042	24507	664//	05304	82710	84712	86717	204	10816	60041	24606	16400	03304	81716			204	00051	03	+	+	
Mull of Galloway	131	71120	74012	24806	755//	04211	87625			131	21020	74021	25105	22500	03305	82825			131	00041				
Eskdalemuir	162	70202	58055	27703	764//	02005	87715			162	33602	50101	26601	35300	01806	81708	83624		162	00015	51	+	fff	
Prestwick	135	50806	58041	26903	00901	01208	85070			135	31703	58041	26401	00901	50702	83070			135	00513	54	+	+	
Abbotsinch	140	40502	35101	27703	35401	03105	81711	83626		140	80000	04414	27000	860//	00804	81700	83701	88704	140	00501	53	+	ffff	
Leuchars	171	80303	42102	28306	852//	06801	82705	84708	88631	171	83202	59022	27005	856//	04710	88631			171	00041	02	+	+	
Dyce	091	93502	01474	28803	9//	03805	89//			091	83303	16284	27503	852//	02606	81705	83715	88640	091	00011	00	+	fff	
Lerwick	005	63607	80028	29702	656//	00708	86632			005	83512	80031	28302	855//	01704	82620	88640		005	97013	52	pr.	+	
Wick	075	70706	75022	30006	754//	05000	84710	87630		075	60210	81012	29304	656//	50503	86640			075	97011	52	+	pr.	
Sule Skerry	010	41105	74028	30507	45500	04205	84625			010	83612	66031	29906	855//	04003	88620			010	92050	03			
Cape Wrath	04																							

ISSN 0307-2541

Date of Issue SATURDAY 25 DECEMBER 1976

Code FM 21.D		OCEAN WEATHER REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.														
O.W.S.	99L _a L _a L _a	QcLoLoLoLo	YYGGiw	Nddff	VVwwWW	PPPTT	N _h C _L hC _M CH	D _s v _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	QcLoLoLoLo	YYGGiw	Nddff	VVwwWW	PPPTT	N _h C _L hC _M CH	D _s v _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 L M R	99527	70355	24121	70903	98022	13106	70970	00217	////	////	00105	10636	3////	05307	C L M R	99527	70355	24181	80103	98032	15506	855//	00220	////	////	00005	10633	3////	05408		
	99570	70201	24124	61026	97036	24409	654//	00221	83711	86630	0//08	10989	30606	09007		99570	70204	24184	81117	97032	26409	854//	00113	84710	88630	0//09	10978	30504	09007		
	99662	10020	24124	83521	97022	30101	855//	00801	88625	////	0//54	10754	30707	////		99660	10021	24184	83122	97022	26002	855//	00829	88620	////	0//52	10724	30504	35805		
	99469	70170	24124	43615	97016	09610	48400	00415	83815	////	0//10	11167	30806	////		99468	70171	24184	20711	98031	12111	28400	00218	81815	////	0//11	11197	30000	36904		

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

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

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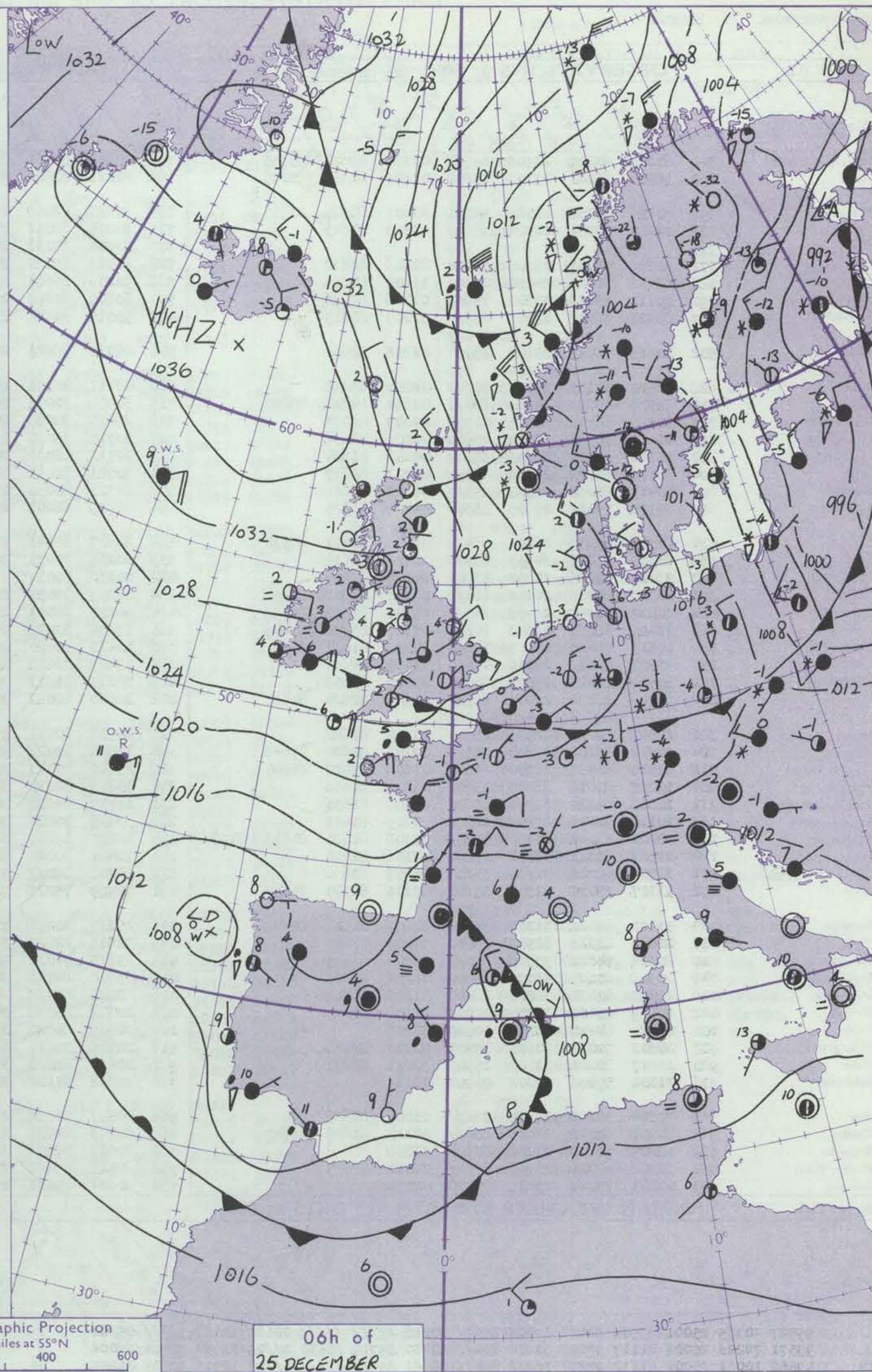
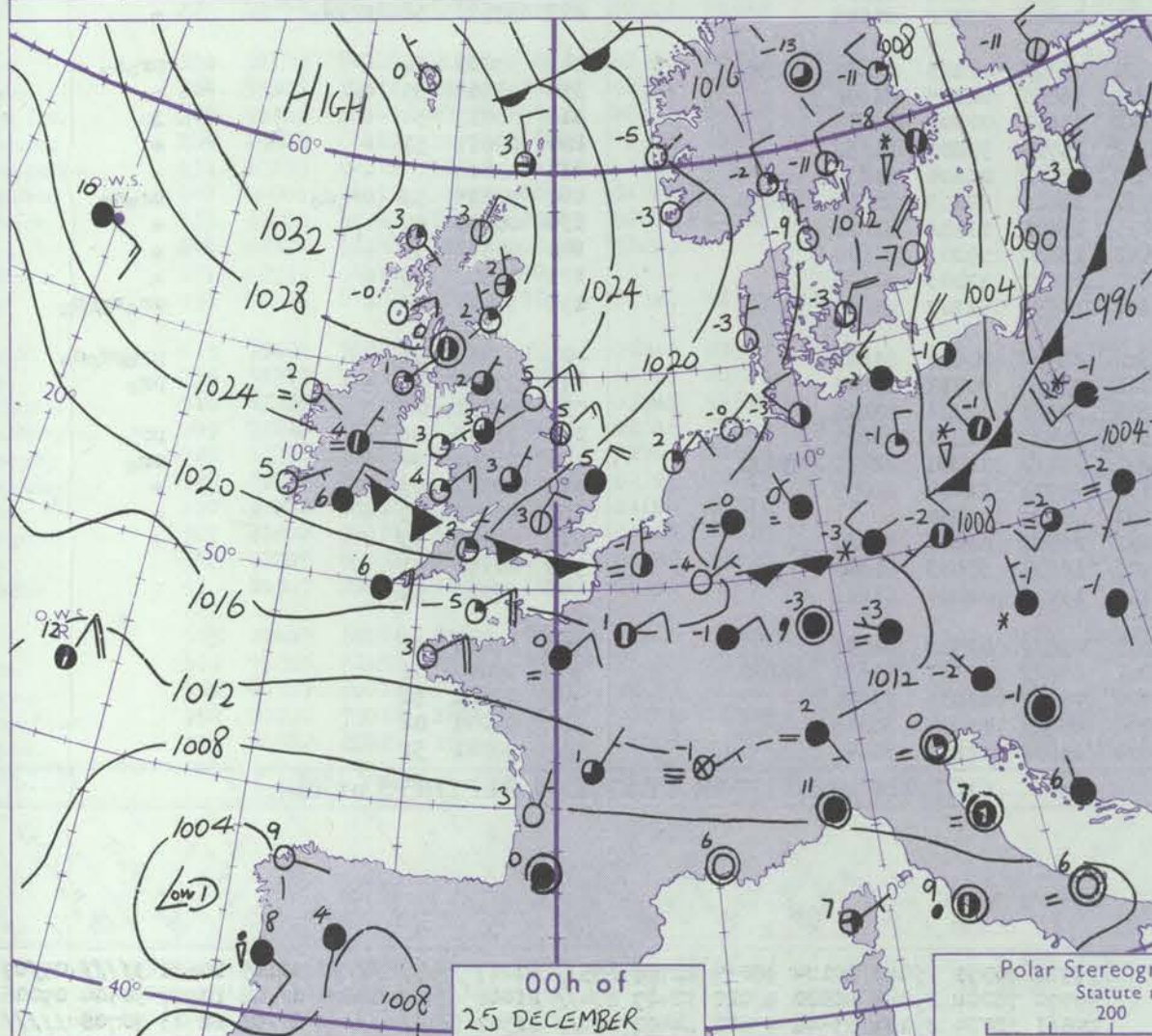
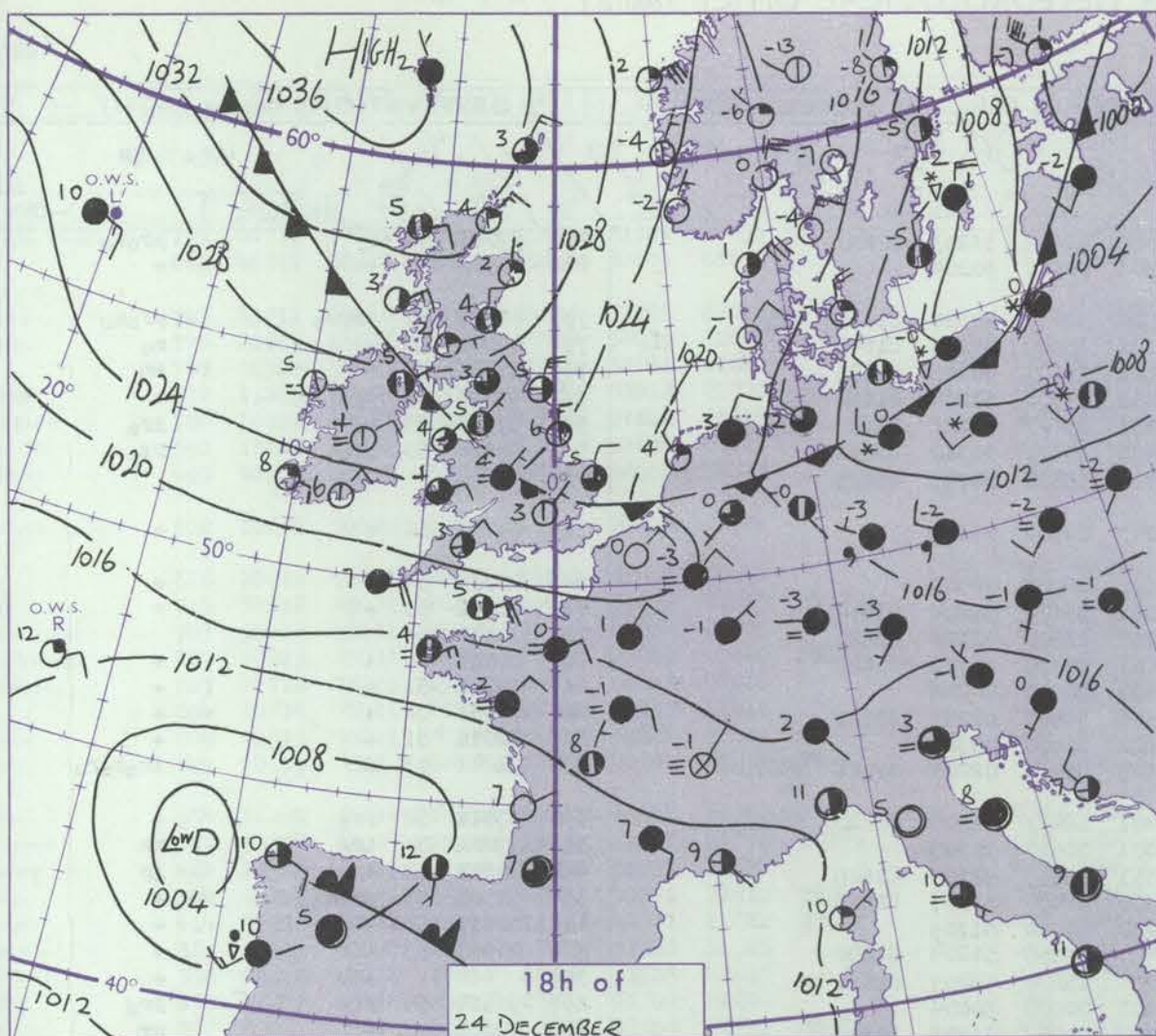
8-12

Condition
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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 SYNOPTIC DEVELOPMENT

The main synoptic feature in the eastern Atlantic was an anticyclone over Iceland, with a ridge of high pressure extending southeast over the British Isles. A cold front moving south from Scotland across England pushed the ridge south into France, but a further ridge developed behind the cold front, moving south over the North Sea during the night. The main cyclonic activity was well removed from the British Isles, a series of small depressions moving east across Iberia into the Mediterranean.

However, a deepening depression in the Norwegian Sea, moving south into Norway, brought a strengthening northerly flow into the northern North Sea by this morning. During today and tonight troughs will move quickly south over the North Sea and eastern England, while the Icelandic anticyclone will drift slowly south. A much colder flow will become established over the North Sea by tomorrow.

Issued at midday SATURDAY 25 DECEMBER 1976

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

OBSERVATIONS at 00h. 25 DECEMBER 1976										OBSERVATIONS at 06h. 25 DECEMBER 1976										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	60208	60021	23503	655//	01106	83624	85645		746	20208	65261	25000	25600	51203	82630			746	97003	53	+	pr _o so
Hurn	862	30206	65021	23302	15602	01106	81635	83075		862	00211	70021	24301	00900	50204				862	00503	53	+	+
Thorney Island																							
Manston	797	50216	80250	22005	48301	03101	81709	83815		797	30818	82261	23304	30400	52310	81815	83656		797	01021	52	prpr _o	pr _o so
Gatwick	776	10207	57051	22903	15600	02303	81645			776	10304	68011	24101	15600	52205	81645			776	97011	53	+	ro
Kew	775									775	20206	75031	24502	15601	52105	81635			775	97013	53	+	sh
Heathrow	772	10308	45105	23703	15600	02306	81632			772	10409	75020	24601	15700	51204	81650			772	97013	53	do	+
Honington	586	13506	80026	24250	11400	51109	81815			586	80206	66601	25501	856//	50208	86638	88648		586	97513	55	+	ir _o
Wattisham	590	70111	65018	23503	756//	02006	87636			590	60309	80261	25401	656//	00311	86636			590	94516	53	pr _o	ps _o
Gorleston	497	80320	66028	23705	855//	00207	88625			497	51015	64022	25705	55500	00213	85625							
Aberporth	502	20615	58011	25604	25700	01206	82650			502	00710	58021	27003	00900	00202				502	00021	52	+	+
Filton	628	50510	22101	24403	55600	02204	85645			628	00411	40101	25801	00900	00305				628	00003	52	+	+
Rhoose	715	80509	45051	24504	854//	02104	84618	88640		715	30509	70031	26001	35600	51204	83640			715	00011	53	+	+
Hartland Point	703	20528	66050	23205	00902	01007	82075			703	20425	70050	24705	21500	02102	82820			703	00040	01		
Mount Batten	827	20812	70011	22004	25600	01206	82630			827	30710	75030	23803	35530	02207	83627			827	00021	00	+	+
St. Mawgan	817	10710	62011	22602	15500	00106	81624			817	00711	62010	24402	00900	50206				817	00011	51	+	+
Silly	804	80716	60022	21506	854//	03213	88617			804	30721	70011	22906	35500	02208	83621			804	00051	02	+	+
Culdrose	809	80413	60052	21305	854//	01207	88618			809	00311	60051	23602	00900	00308				809	00011	51	+	+
Guernsey	894	30721	75011	19805	35500	00104	83625			894	80909	68601	21505	854//	02203	81711	88616		894	91041	03	+	ir _o ro _o
Elmdon	534	60307	45256	26203	684//	01211	81811	86630		534	63607	60041	27401	684//	50206	81810	86628		534	97511	52	pr _o	+
Cardington	559	60109	58211	24903	656//	02109	86638			559	00206	70021	26101	00900	50305				559	97003	54	ir _o	sh
Wittering	462	23610	60026	25502	25600	00107	82635			462	20108	60011	26501	25500	52107	82628			462	00503	52	+	jp
Watnall	354	60308	62268	26402	684//	01111	81818	86650		354	20207	75031	27600	28400	51207	81818			354	92503	53	pr _o so	+
Shawbury	414	70210	50041	26503	755//	02108	82622	87628		414	00109	60041	28250	00900	51105				414	00513	53	+	+
Finningley	360	73405	60031	26603	786//	01107	83830	87645		360	13604	83021	27400	15700	51204	81650			360	00503	55	+	+
Spurn Point	396	10515	75010	26005	15600	52110	81630			396	10412	80020	27304	15600	53207	81630			396				+
Leeming	257	43307	56018	28102	45600	01107	84630			257	03407	70010	29101	00900	50004				257	96514	54	pr _o	pr _o
Tynemouth	262	30518	80028	29005	30930	03209	83358			262	70217	81021	30004	7093//	01206	87358			262	92031	03	+	pr
Carlisle	222	60306	68262	29502	685//	01108	82824	85632		222	10000	80021	30351	15600	52102	81645			222	97523	58	pr _o so	+
Valley	302	20607	62011	28003	25500	01209	82620			302	40507	80011	29004	45500	02105	81620	84640		302	97021	51	+	pr _o so
Ringway	334	70502	62205	27504	755//	01107	82620	87645		334	13504	80021	28801	15700	52305	81650			334	97513	55	do	+
Squires Gate	318	60205	60031	28203	655//	01108	84627	84640		318	23606	70011	29202	15602	00204	81645			318	00013	54	+	jp
Ronaldsway	204	10207	80011	28903	15700	01208	81656			204	10209	82020	30002	15700	50204	81650			204	00011	51	+	+
Mull of Galloway	131	10818	84030	29704	15600	02108	81630			131	10717	84020	30803	15600	01104	81630			131	00020			
Eskdalemuir	162	10112	70028	29702	12400	51009	81818			162	33405	70030	30950	30400	52103	81818	83635		162	92515	55	pr _o so	pr _o so
Prestwick	135	70000	57041	31300	5557//	51108	82620	84635 87360		135	10000	59041	32453	15501	53106	81622			135	00543	59	+	+
Abbotsinch	140	20303	81011	31802	25600	52106	82630			140	12401	60040	32453	15600	55209	81640			140	00553	59	+	+
Leuchars	171	33506	82021	31602	35600	51207	83630			171	23508	82011	31802	25600	51003	82640			171	00503	55	+	+
Dyce	091	53307	75011	31702	55600	00205	82630	84650		091	72909	75028	31302	785//	51707	81820	87645		091	97003	53	+	pr _o sopr _o
Lerwick	005	53410	80021	31203	58400	52807	81815	84638		005	23217	70258	27302	20400	00830	81815			005	97013	51	+	pr _o pr _o so
Wick	075	10309	80021	32903	15600	51000	81640			075	72606	82031	32001	756//	50712	87642			075	97533	55	+	pr _o
Sule Skerry	010	80205	74021	33505	855//	02000	88625			010	33605	74010	32205	35500	02706	83625			010	00031	02		
Cape Wrath	049	30508	81020	33704	35500	01204	83625			049	33607	84011	32605	35500	01811	83625			049	97041	02	+	pr
Stornoway	026	21203	80031	34203	28400	01206	81818			026	63206	80031	34001	684//	01703	81818	85630		026	93511	54	+	pr _o
Benbecula	022	10809	85018	33701	00901	00108	81075			022	10302	85030	34151	00901	51400	81075			022	00523	59	+	+
Tiree	100	00709	84020	32550	00900	52108				100	00609	84020	33151	00900	51400				100	00513	59	+	+
Aldergrove	917	20502	70021	30601	25500	50210	82620			917	20705	70011	31402	25500	01107	82620			917	00003	55	+	+
Malin	980	10917	80021	31006	15600	50211	81640			980	10810	81020	31906	15600	50103	81640			980	00050	01		
Belmullet	976	01102	59100	29302	00900	00111				976	10912	60100	30102	15400	01204	81618			976	97013	51		
Birr	965	70304	56101	27804	756//	03208	87638			965	40507	56102	29203	456//	02308	84636			965	97021	51		
Dublin	969	80509	80022	28007	855//	02111	81625	88645		969	80503	80026	29404	856//	02307	85630	88650		969	97040	01		
Shannon	962	03407	50100	27202	00900	02208				962	70403	50102	28704	757//	03106	87650			962	97021	51		
Roches Point	952	80308	62021	25706	856//	04011	88645			952	80415	65022	27006	856//	03205	88645			952	97041	02		
Valentia	953	00805	75020	25505	00900	02112				953	60804	80031	27404	65600	02210	86645			953	97021	51		

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.															
O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	NhChChCh	Dsapp	8NsChshs	8NsChshs	OTsTdTd	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw	O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	NhChChCh	Dsapp	8NsChshs	8NsChshs	OTsTdTd	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw
C	99527	70355	25001	83504	98022	19806	855//	00218	////	////	00105	10627	3////	05/08	C	99527	70355	25061	80104	98035	22706	855//	00217	////	////	00105	10628	3////	05/07
L	99571	70206	25004	81117	97032	30810	854//	00220	84710	88630	0//09	10930	30504	09006	L	99570	70201	25064	80820	97022	32409	854//	21006	83710	88625	0//08	10977	30504	09006
M	99662	10021	25004	83132	97272	16202	894//	00661	85912	////	0//02	10719	30606	35804	M	99661	10024	25064	83540	97802	14402	894//	81302	86915	////	0//00	10728	30708	////
R	99468	70170	25004	70119	98258	15512	724//	00113	87815	////	0//11	11220	30502	36904	R	99468	70171	25064	80816	98032	16911	884//	00105	83815	88650	0//11	11216	30503	////

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

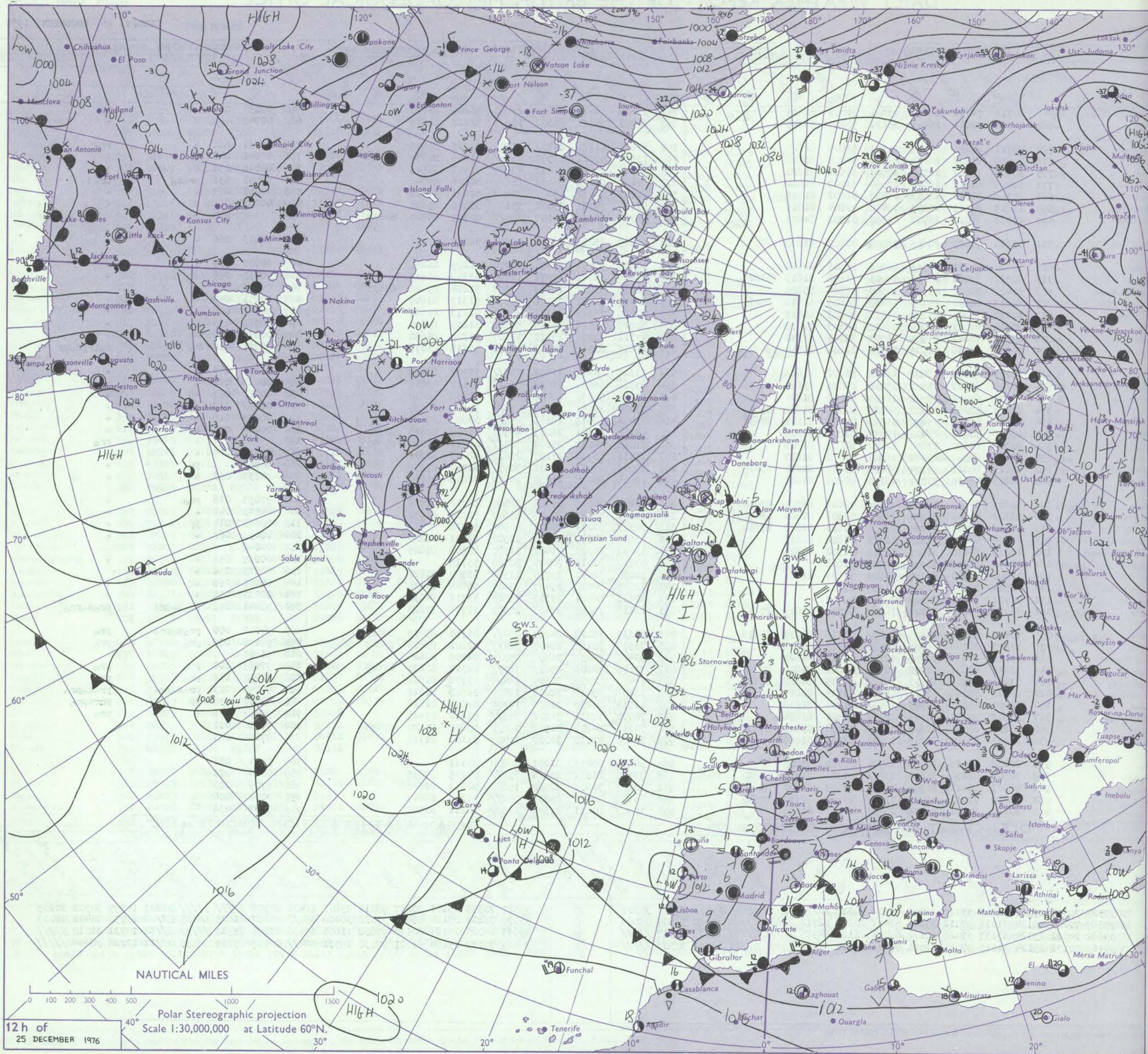
No. 42038

Date of Issue SUNDAY 26 DECEMBER 1976

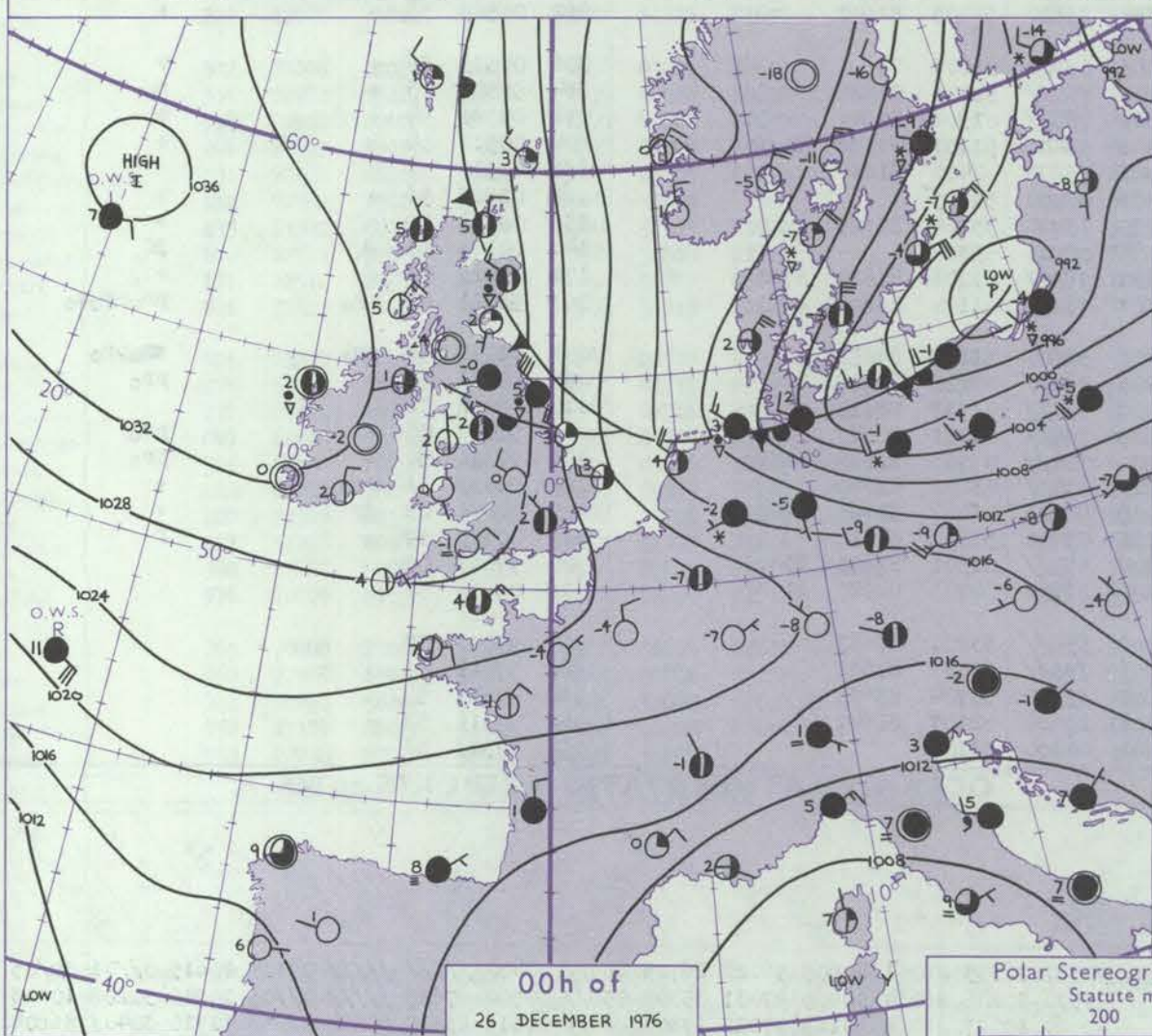
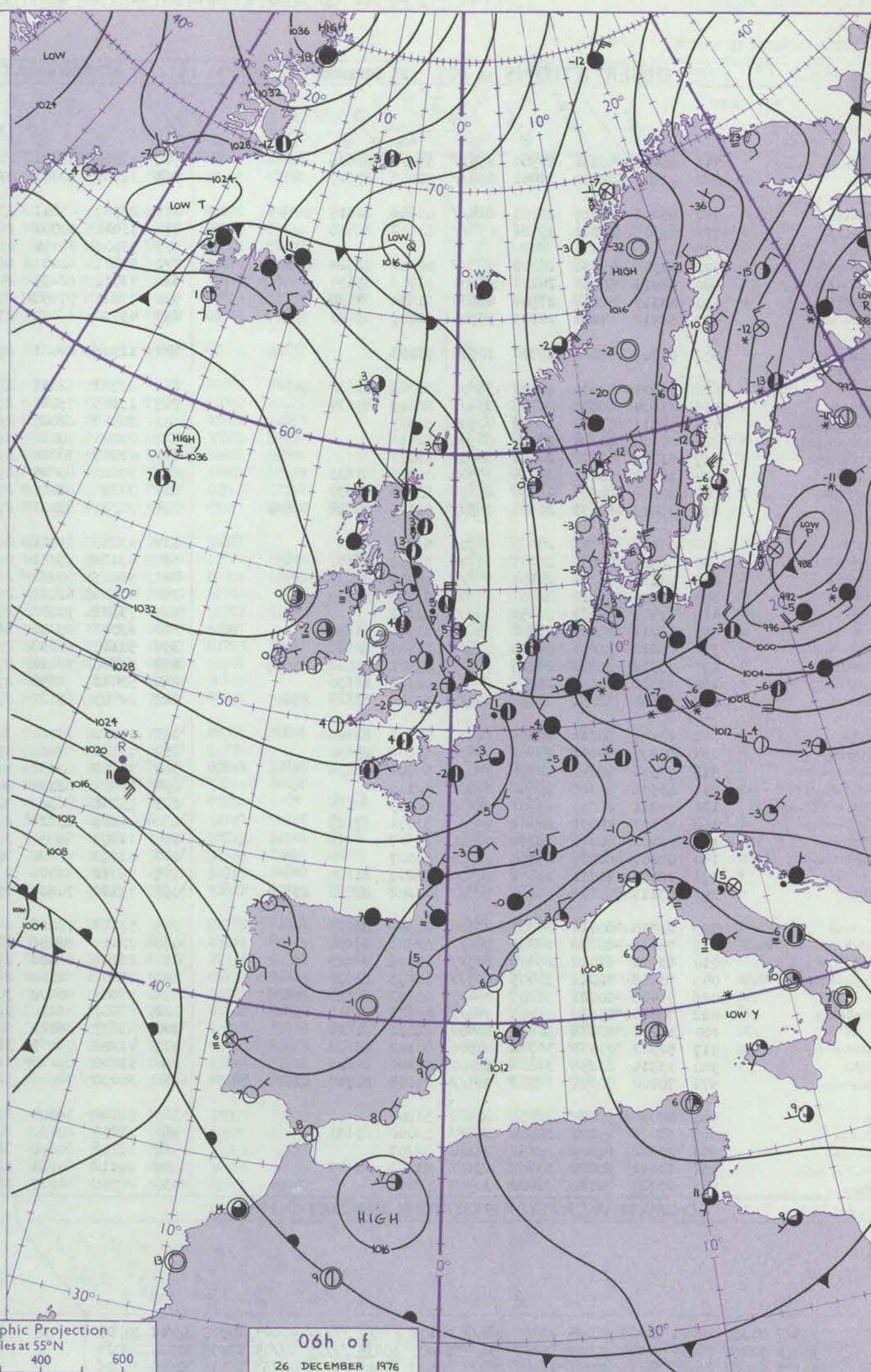
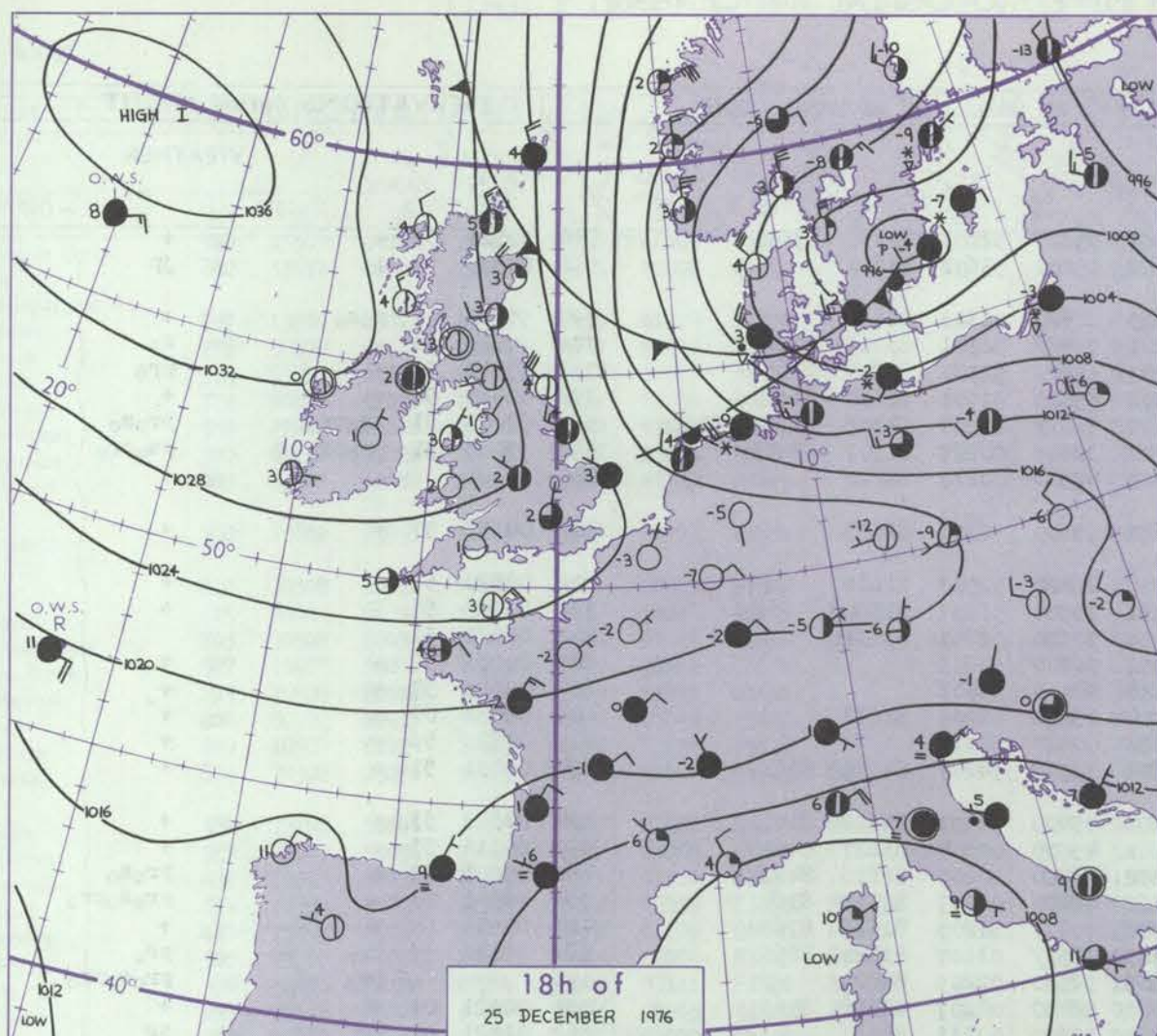
OBSERVATIONS at 12h. 25 DECEMBER 1976										OBSERVATIONS at 18h. 25 DECEMBER 1976										OBSERVATIONS during DAY					
Station	ill	Nddff	VVwwW	PPPTT	N _h Ch _M Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwwW	PPPTT	N _h Ch _M Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT x E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	10711	74011	26202	15601	51001	81635			746	23508	66011	26800	25600	51209	82640			746	00033	047	+	+		
Hurn	862	40511	70011	25403	35631	50000	83645			862	20207	75030	26300	15601	52210	81645			862	00043	053	+	+		
Thorney Island																									
Manston	797	20711	84010	25404	21501	52805	82820			797	53611	81271	24703	52400	50305	85816			797	97051	066	+	pho		
Gatwick	776	20808	81036	26104	28530	54005	81820			776	73504	59021	25702	756//	51206	84634	87645			776	00041	046	+	+	
Kew	775	10904	70027	26304	18500	52801	81820			775	43506	65011	26102	45600	51306	84645			775	00041	036	+	jp		
Heathrow	772	11005	80021	26504	18530	51002	81820			772	60107	65038	26202	656//	50306	86640			772	97041	031	proso	proso		
Honington	586	10106	82016	26803	18400	01802	81815			586	72707	60031	25201	755//	50801	87628			586	91041	063	+	+		
Wattisham	590	13605	80021	26203	18400	00804	81815			590	53210	72031	25101	55600	00000	85630			590	00033	061	+	+		
Gorleston	497	40000	66018	26702	42500	02702	84825			497	83004	62032	24103	885//	00709	85820	86625			497		034			
Aberporth	502	10610	70020	28603	18500	00802	81820			502	00809	65010	28302	00900	52307				502	00043	066	+	+		
Filton	628	10610	70031	26502	18501	50805	81822			628	10405	50051	27300	15700	51209	81650			628	00033	063	+	+		
Rhoose	715	30512	67031	26803	38401	51802	81815	83628		715	10206	65021	27401	11400	52309	81815			715	00033	055	+	+		
Hartland Point	703	50423	78031	25904	52500	01804	85820			703	50815	69021	26803	58500	51214	83820	85635			703	00050	044			
Mount Batten	827	60813	80031	24705	18432	00805	81818	85075		827	10710	68021	25702	15600	51317	81640			827	00051	049	+	+		
St. Mawgan	817	10712	75020	25703	11401	50803	81815			817	20710	75011	26301	25500	51213	82620			817	00043	060	+	+		
Scilly	804	20614	70011	25006	28400	00103	81818			804	50813	80021	25205	55502	01209	85620			804	00061	033	+	+		
Culdrose	809	20513	70021	24904	25600	52001	82640			809	40311	60030	25502	45600	51309	84630			809	00051	035	+	+		
Guernsey	894	70809	68258	22905	784//	02801	85814	84640		894	10617	83018	24103	00901	58215	81075			894	02051	010	ro	roirpropr		
Elmdon	534	20107	61041	28602	18402	51002	81818			534	73307	60041	27502	755//	51003	87626			534	00031	060	+	+		
Cardington	559	50104	62027	27503	35702	01001	83656	84075		559	83306	66031	26602	856//	00102	88644			559	00031	022	+	+		
Wittering	462	13508	60021	27902	18500	50002	81820			462	83209	59031	26402	856//	51702	88630			462	00031	061	+	+		
Watnall	354	60205	50051	28303	685//	00001	81820	85640		354	73004	35051	26502	756//	50805	87630			354	00033	022	+	+		
Shawbury	414	70210	62041	29302	7853//	00001	81822	87632		414	83404	28041	28101	855//	00000	88625			414	00033	018	+	+		
Finningley	360	23106	50040	28401	18530	52802	81828			360	43108	56041	26203	45500	00809	82625	83640			360	00043	023	+	+	
Spurn Point	396	20308	80020	27806	22500	52805	82825			396	73013	64258	25204	785//	01711	81820	87642			396			pro		
Leeming	257	23306	65018	29102	28500	01806	81820			257	23110	65031	27100	25600	52807	82640			257	00041	025	+	+		
Tynemouth	262	53615	80018	29304	58600	03809	85635			262	72915	69021	26802	7097//	51712	87359			262	96051	pr		+		
Carlisle	222	12603	75010	30501	18500	00802	81822			222	12604	65020	28350	15600	52808	81630			222	00033	061	+	+		
Valley	302	60609	84028	30205	685//	00801	83822	83650		302	30105	84018	29503	38500	00000	82826			302	97053	018	pro	+		
Ringway	334	53302	50041	29901	38530	52501	81820	83650		334	13303	58011	28303	15600	52804	81630			334	00043	042	+	+		
Squires Gate	318	70106	58041	29804	785//	00803	81822	87640		318	00302	56041	28201	00900	50806				318	00043	014	jp	+		
Ronaldsway	204	13605	86010	30705	18400	01802	81818			204	13503	84020	29450	12500	52801	81820			204	00053	062	+	+		
Mull of Galloway	131	10210	84010	31503	11500	01502	81825			131	13612	84020	29402	11500	00808	81825			131	00040					
Eskdalemuir	162	00000	81018	30402	00900	51808				162	03203	82010	28400	00900	55715				162	00035	051	+	+		
Prestwick	135	10000	40040	32251	15500	52802	81620			135	10000	62040	29753	11500	53504	81820			135	00023	034	+	+		
Abbotsinch	140	02504	57040	31802	00900	53806				140	12505	84020	29453	15600	55608	81630			140	00043	060	+	+		
Leuchars	171	02711	86011	30303	00900	53812				171	42611	86021	27303	45600	53711	84630			171	00033	055	+	+		
Dyce	091	73015	84031	28703	785//	50717	81825	87645		091	23118	75258	25403	28500	01708	82820			091	96041	012	prosopro	prosopro		
Lerwick	005	73422	70808	23503	793//	01718	83909	85812		005	83519	75028	24004	854//	01310	83715	88625			005	94042	000	prosopro	pro	
Wick	075	33217	75258	28704	38430	01717	82816			075	73517	70158	27405	784//	02101	83815	85622	86635			075	92051	009	pro	pro
Sule Skerry	010	43420	74258	29505	42500	03715	84820			010	83420	74038	28506	855//	04206	88625			010	91061					
Cape Wrath	049	73610	82808	30905	785//	02616	84820	87625		049	73605	82808	29805	785//	02310	82820	87625			049	97061	000	pro	pro	
Stornoway	026	73205	83808	32803	784//	02709	84818	8565																	

Code FM 21.D	OCEAN WEATHER STATION REPORTS at 12h.																OCEAN WEATHER STATION REPORTS at 18h.															
O.W.S.	99L ₃ L ₂ L ₁	Q _C L ₀ L ₀ L ₀ L ₀	YYGGiw	Nddff	VVwwW	PPPTT	N _h L _h C _M C _H	D _S V _S app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT _S T _S T _d T _d	IT _w T _w T _w t _t	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L ₃ L ₂ L ₁	Q _C L ₀ L ₀ L ₀ L ₀	YYGGiw	Nddff	VVwwW	PPPTT	N _h L _h C _M C _H	D _S V _S app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT _S T _S T _d T _d	IT _w T _w T _w t _t	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w			
C L M R	99527	70355	25121	70505	93425	26205	75500	00228	////	////	05005	10598	30201	30307		C	99527	70355	25181	20807	98014	25806	26400	00308	////	////	00205	10599	30302	30205		
	99569	70200	25124	81016	97012	35109	834//	00217	82712	88635	0//06	10982	30504	08006		L	99570	70202	25184	80813	97022	35408	855//	00307	81625	88635	0//06	10978	30402	08005		
	99662	10021	25124	63637	97028	19102	69400	81121	84915	////	0//53	10776	30913	////		M	99665	10023	25184	60130	97802	21601	69400	81805	85915	////	0//51	10731	31010	////		
	99469	70171	25124	81019	97018	19511	884//	00115	81815	88650	0//11	11228	30503	////		R	99469	70172	25184	81021	97032	19511	884//	00107	85815	88650	0//11	12226	30604	////		

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 slowly southwards from Iceland to a position to the west of Scotland. A depression moved steadily southsoutheast from northern Norway to Northern Germany. A cold northerly airstream was established over the North Sea and eastern districts of Britain. During the next 24 hours the

anticyclone will move slowly southwestwards towards the mid-Atlantic whilst further depressions developing near Iceland move southeastwards over the North Sea. A northwesterly airstream will become established over most districts.

Issued at midday SUNDAY 26 DECEMBER 1976

No

1

1

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

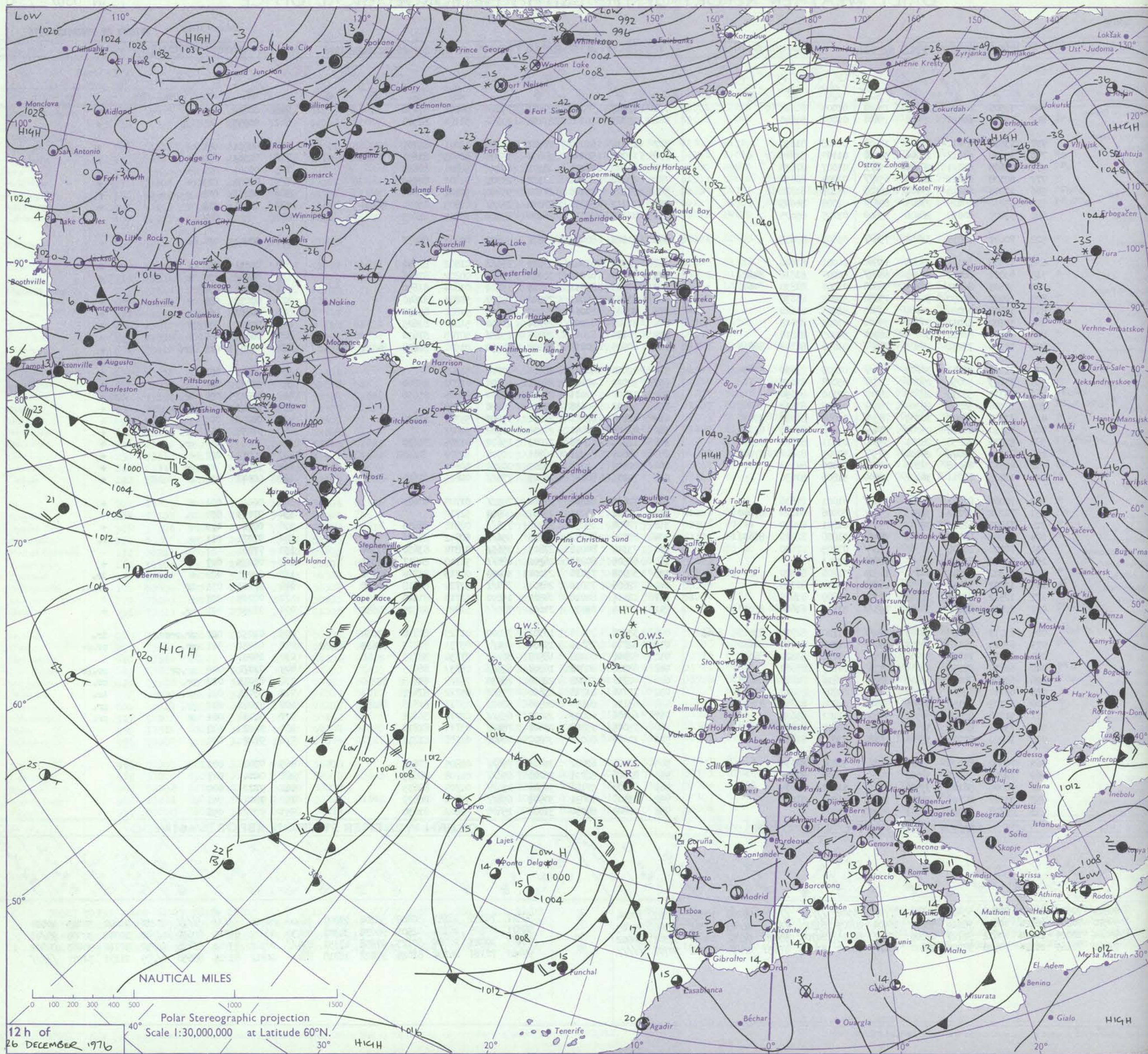
ISSN 0307-2541

No. 42039

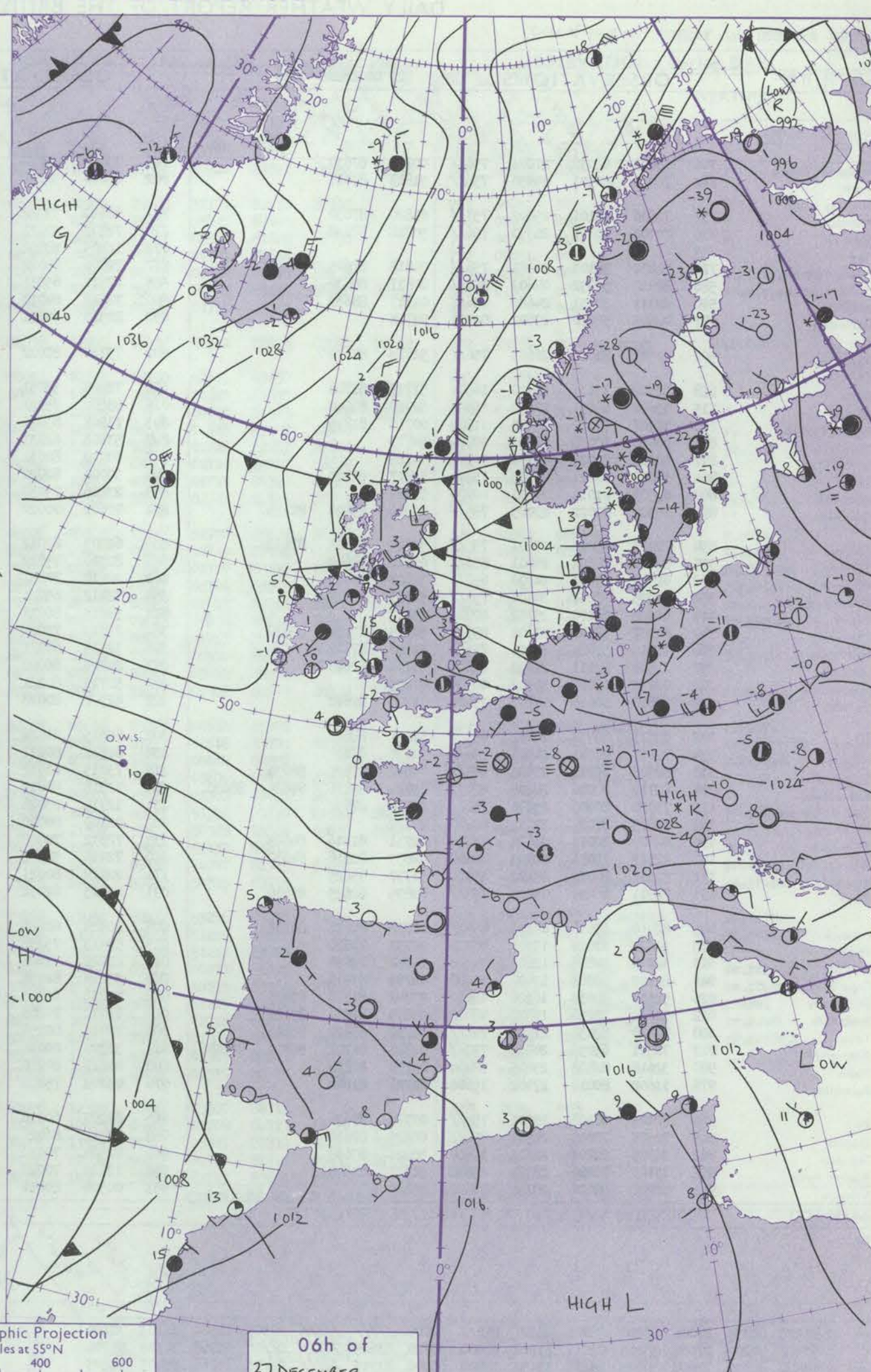
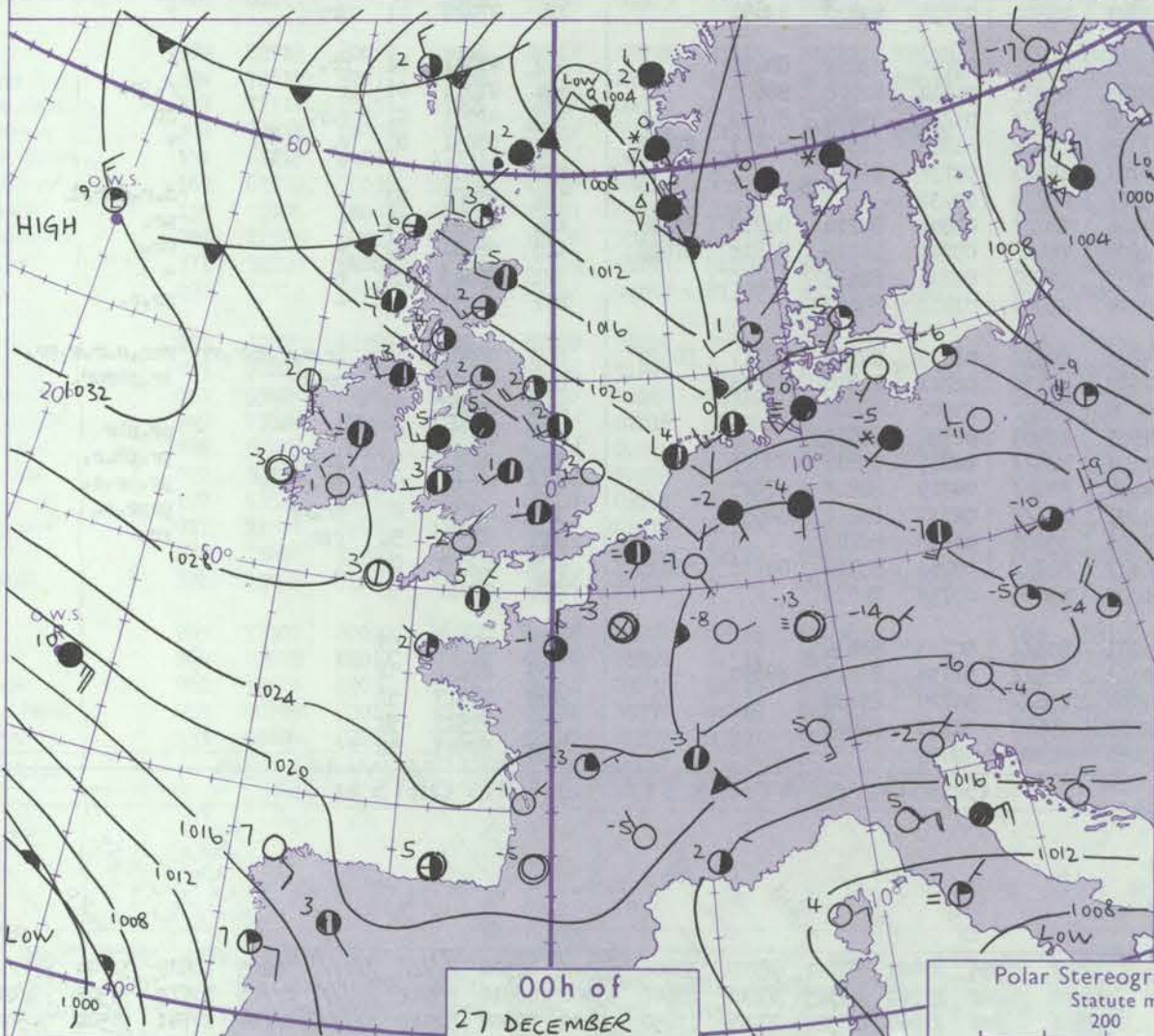
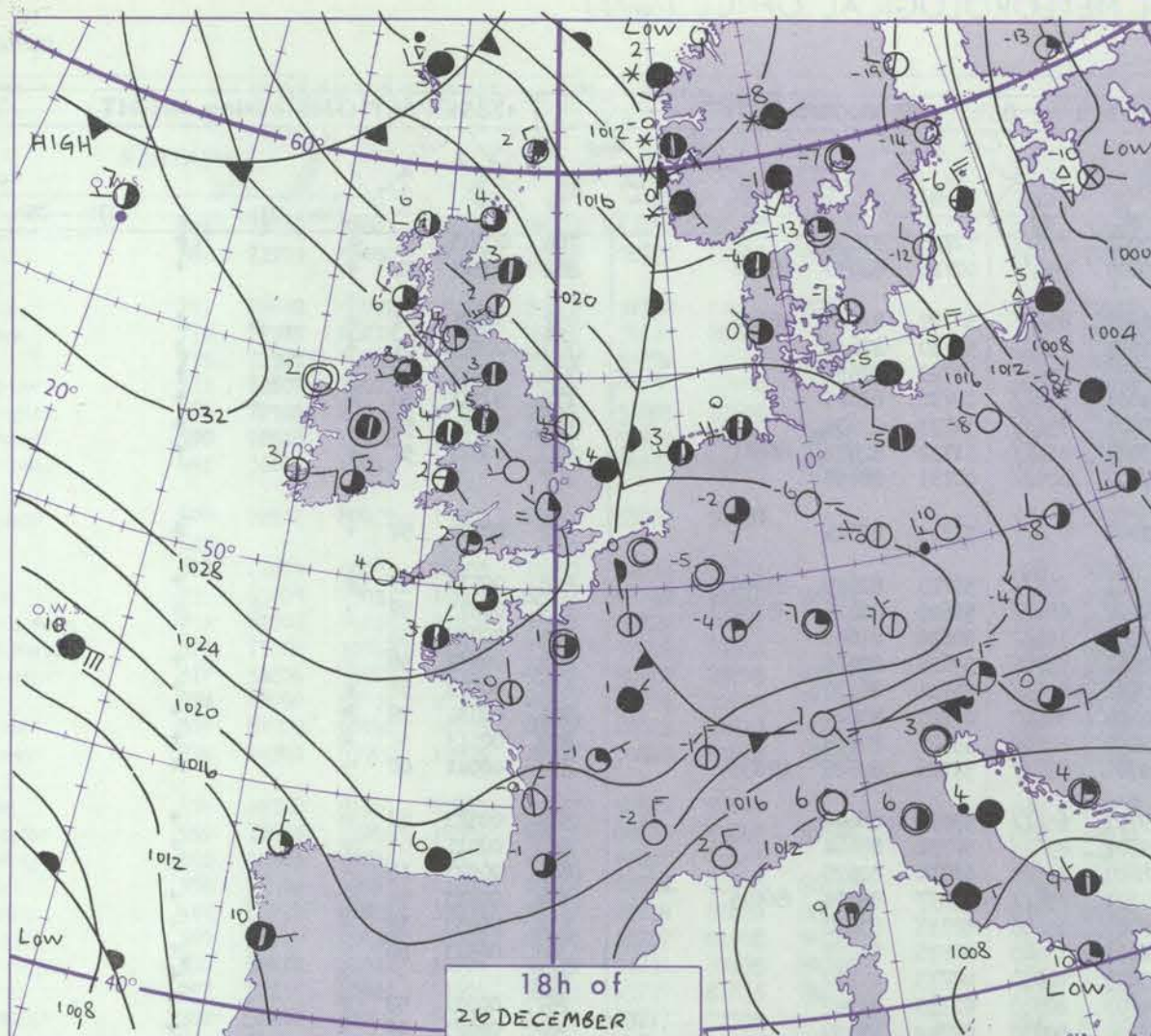
Date of Issue MONDAY 27 DECEMBER 1976

Code FM I.I.D.		OBSERVATIONS at 12h. 26 DECEMBER 1976										OBSERVATIONS at 18h. 26 DECEMBER 1976										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M Ch _H	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 _H	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 x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	13509	64021	29403	18400	01005	81815			746	72802	56051	29401	756//	00001	87636			746	00043	054	+	+			
Hurn	862	13611	66021	29504	15601	01007	81640			862	23307	50100	29750	20930	51104	82360			862	00053	055	jp	+			
Thorney Island	797	13514	65011	26505	15700	01008	81650			797	23510	60010	27403	25300	02001	81707			797	00061	052	+	+			
Manston	776	33609	61017	28204	38400	01109	81815			776	13002	56100	28650	15700	50003	81650			776	00063	059	+	+			
Gatwick	775	73605	62021	28504	756//	01007	87638			775	60000	50101	28301	657//	50801	86650			775	00061	021	+	+			
Kew	772	60108	62021	28704	657//	02009	86650			772	23002	34101	28302	25700	02801	82650			772	00051	013	+	+			
Heathrow	586	22908	63018	27404	28500	03107	81822			586	52305	26106	27300	55600	50802	85645			586	91051	012	pr.r.r	r.			
Honington	590	63211	59028	27003	656//	02008	86645			590	73212	50051	27003	752//	02803	83704	86645		590	00051	014	+	+			
Wattisham	497	53407	60038	26406	55500	03105	85625			497	82905	58021	26404	855//	03805	88625			497		024					
Gorleston																										
Aberporth	502	70602	75031	31403	756//	01007	87635			502	51502	80012	29802	55600	00808	85637			502	00041	004	+	+			
Filton	628	10308	66021	29604	15600	00001	81640			628	72503	62021	29303	756//	01802	87642			628	00051	055	+	+			
Rhoose	715	63002	66031	30703	6843/	50007	81816	84622		715	73402	62021	30003	755//	00802	87626			715	00062	035	+	+			
Hartland Point	703	50508	86031	30905	58640	01009	81830	84640		703	10203	85011	29805	15700	01804	81650			703	00050	024					
Mount Batten	827	10407	60050	30105	15630	51002	81630			827	23602	56041	29502	25600	50801	82640			827	00053	039	+	+			
St. Mawgan	817	10808	80020	30704	15500	52005	81620			817	50903	80011	30002	55600	51802	85630			817	00053	063	+	+			
Scilly	804	30702	82011	30707	35500	01003	83628			804	21104	82021	29904	25500	51804	82625			804	00071	039	+	+			
Culdrose	809	10507	81020	30603	18400	52005	81818			809	70105	81021	29903	756//	50703	87630			809	00050	054	+	+			
Guernsey	894	70308	75251	29305	783//	01006	81709	86818		894	60505	80018	29104	58530	01501	82820	84630		894	97061	009	pr.	+			
Elmdon	534	73108	59041	30203	785//	01008	83820	87634		534	02604	40041	28901	00900	51808				534	00043	001	+	+			
Cardington	559	73103	59056	29004	756//	03008	87635			559	52505	45102	28502	55600	02702	85640			559	97051	000	ir.	+			
Wittering	462	73312	58038	28903	757//	02110	87650			462	13007	59011	27802	15700	00805	81656			462	97043	000	pr.	+			
Watnall	354	73306	56808	29304	784//	02108	83818	86645		354	02802	50058	27801	00900	51708				354	97043	000	pr.	+			
Shawbury	414	73307	64041	30703	785//	01004	81820	87630		414	12808	62041	29151	15600	53708	81630			414	00043	001	+	+			
Finningley	360	73110	60048	29004	784//	02006	83818	87645		360	02605	50041	27100	00900	51807				360	97055	011	pr.	+			
Spurn Point	396	52816	62258	28204	58500	03111	81820	85630		396	12914	66018	27003	15600	01705	81630			396		pr.	+	+			
Leeming	257	73111	82022	29404	785//	50003	81820	87640		257	03005	82021	26701	00900	52709				257	00061	027	+	+			
Tynemouth	262	42910	61018	29103	40930	01000	84358			262	02813	66020	26102	00900	50813				262	94041		pr	+			
Carlisle	222	12405	75011	30102	15600	51806	81630			222	72407	80031	26703	755//	00815	81625	87635		222	00043	031	+	+			
Valley	302	70000	82021	31603	756//	01001	87636			302	72604	81022	29704	755//	01709	87629			302	00061	000	+	+			
Ringway	334	72202	57212	31203	755//	00006	84620	87640		334	02002	35041	28701	00900	52710				334	97033	004	r.	+			
Squires Gate	318	71402	62022	30504	756//	01801	87630			318	72708	65031	27905	756//	02818	87633			318	00061	023	+	+			
Ronaldsway	204	70000	84031	31004	784//	01808	82818	87633		204	82706	80032	28305	856//	50812	88636			204	97071	011	+	r.			
Mull of Galloway	131	70108	86606	31203	756//	03805	87630			131	73310	84022	27805	3563/	02814	83630	87360		131	97061						
Eskdalemuir	162	01402	75020	29501	00900	53813				162	62505	80031	26202	684//	51710	84817	85635		162	00035	049	+	+			
Prestwick	135	11302	58041	30450	11500	51806	81820			135	32908	75016	27004	35400	01715	81714	83632		135	92051	026	+	ir.			
Abbotsinch	140	12702	35044	30353	16300	53808	81709			140	72608	75038	26301	784//	52720	82818	86630		140	97023	031	1f	pr.s.			
Leuchars	171	12512	81031	28503	00901	53809	81075			171	12415	80010	24502	15600	52719	81640			171	00043	058	+	+			
Dyce	091	72610	86028	26604	755//	51815	81625	87640		091	72511	82038	21603	785//	51827	81825	87650		091	97051	001	pr.	+			
Lerwick	005	73213	80258	21003	734//	01720	82914	83818	86632	005	33308	75018	16302	38400	01723	81818	83634		005	01032	002	pr.pr.pr.	ir.			
Wick	075	63013	75158	25304	684//	02718	82815	84632		075	62712	75158	19504	684//	03731	82815	83635	85650	075	01051	017	pr.	pr.pr			
Sule Skerry	010	63214	74818	25406	685//	04716	83820	86625		010	82916	64028	18508	864//	07731	88715			010	05081						
Cape Wrath	049	62714	82258	26404	5353/	04709	85920			049	63226	80818	19207	634//	06732	86915			049	01072	000	pr.pr	pr.pr			
Stornoway	026	62507	70258	28403	6843/	03816	84817	85628		026	42711	75028	22806	28430	0											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours the anticyclone about 400 miles to the west of Scotland has declined, while a new anticyclone has developed near southeast Greenland. The developing depression near Jan Mayen has moved southeastwards towards western Norway, and the strong north to northwesterly airstream has continued over north and northeastern districts. During the next 24 hours high pressure will persist over the Denmark Strait, with a ridge

of high pressure building towards the Faeroes. The deepening depression off the Norwegian coast will move southeast across Denmark to the west Baltic, and the associated fronts will move south into north France and Germany, bringing a cold northerly airstream to all parts of the British Isles.

Issued at midday

MONDAY 27 DECEMBER 1976

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

OBSERVATIONS at 00h. 27 DECEMBER 1976										OBSERVATIONS at 06h. 27 DECEMBER 1976										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M CH	T _d 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 T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	RRT _n T _n E	T _g T _g	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	73003	60032	27001	756//	00719	87630			746	73002	64022	22001	756//	51726	87632			746	00003	51	+	+		
Hurn	862	70000	50101	26950	756//	51819	87647			862	80000	50102	22400	856//	00726	82630	88650		862	00511	52	+	+		
Thorney Island																									
Manston	797	72806	35101	25102	757//	01820	87650			797	82610	59032	20402	855//	51729	82628	88640		797	97021	01	+	+		
Gatwick	776	70000	20101	26350	756//	50818	87638			776	72302	59022	21500	756//	50730	87635			776	00523	57	+	+		
Kew	775									775	72405	58052	20902	756//	51729	87633			775	00011	00	+	+		
Heathrow	772	72602	38101	26201	756//	01818	87645			772	72806	75022	21001	756//	00732	87645			772	00011	50	+	+		
Honington	586	82510	35052	24602	856//	00817	88630			586	72512	65031	18401	756//	51733	87635			586	00011	51	+	+		
Wattisham	590	82811	30051	24602	856//	01717	88632			590	72514	64012	18601	756//	51732	82632	86641		590	00011	51	+	+		
Gorleston	497	02605	58020	23602	00900	01718				497	82510	60021	17402	8092/	00733	88458			497						
Aberporth	502	72507	81022	26603	756//	51625	87632			502	73110	81022	21005	755//	51732	87629			502	00011	54	+	+		
Filton	628	12702	30111	26900	16300	51718	81708			628	72505	58051	21601	755//	51725	82625	87645		628	00513	59	+	+		
Rhoose	715	13602	68031	27250	15600	52719	81640			715	83502	75031	22100	884//	51626	82816	88632		715	00513	59	+	+		
Hartland Point	703	12007	74050	27703	11500	00716	81825			703	71907	83021	22303	756//	50626	87646			703	00020	53				
Mount Batten	827	00000	50050	27551	00900	52713				827	53603	62031	22652	55700	53628	85656			827	00533	56	+	+		
St. Mawgan	817	00000	80021	28152	00900	54715				817	60000	80031	22951	656//	53724	86630			817	00533	57	+	+		
Scilly	804	10000	82021	27703	15500	52717	81623			804	30000	82020	23104	35500	01725	83623			804	00031	55	+	+		
Culdrose	809	03509	81011	27651	00900	53817				809	23606	75030	22950	25600	53727	82638			809	00513	57	+	+		
Guernsey	894	70304	80022	27005	785//	51806	83820	87635		894	70602	70022	22705	785//	51726	82820	87635		894	00041	00	+	+		
Elmdon	534	72407	68021	25601	755//	52819	81625	87632		534	62509	82012	19701	656//	53632	86643			534	00523	57	+	+		
Cardington	559	82404	50102	26001	856//	01816	88644			559	82310	75022	19801	856//	50731	88644			559	00011	01	+	+		
Wittering	462	62510	40051	24700	656//	51823	86635			462	22510	70031	18600	25500	51734	82625			462	00523	55	+	+		
Watnall	354	72305	57051	24400	756//	51723	87647			354	72412	65021	17501	754//	51837	85714	86645		354	00513	55	+	+		
Shawbury	414	02508	68020	25752	00900	53717				414	32615	80011	19001	35600	52733	83630			414	00533	59	+	+		
Finningley	360	82107	58041	23102	855//	50725	83626	88638		360	12713	75021	16003	18440	01736	81818			360	00513	56	+	+		
Spurn Point	396	72415	57021	22302	756//	51730	87640			396	12515	68021	15603	10970	00733	81360			396			+	+		
Leeming	257	22508	82011	21602	25600	51734	82640			257	22709	86020	14703	20930	01735	82362			257	00021	52	+	+		
Tynemouth	262	02715	69021	20502	00900	01835				262	52719	80021	13204	50930	02742	85359			262	00021	00	+	+		
Carlisle	222	22610	80018	21702	25600	01730	82640			222	42307	80018	15103	48500	02738	81822	83650		222	97023	51	pr.	+		
Valley	302	82613	80032	26205	855//	51821	88625			302	82815	81028	19805	884//	03734	83812	88635		302	91041	02	pr.	+		
Ringway	334	72607	40041	24503	756//	51724	87630			334	82511	80212	18403	853//	01834	82708	88640		334	91011	01	+	r.ir.		
Squires Gate	318	82908	65216	23505	855//	03827	82625	88635		318	73013	81012	17406	755//	03732	81620	87650		318	97051	01	r.r.	jp		
Ronaldsway	204	82712	80026	24205	884//	03724	83816	87624	88630	204	72818	80012	17005	784//	01838	81816	83823	87628	204	97051	03	r.	+		
Mull of Galloway	131	73020	80606	23905	756//	04724	87630			131	12714	83026	16704	15600	03737	81630			131	91031					
Eskdalemuir	162	02715	81021	22102	00900	51722				162	02109	80020	13103	00900	00731				162	93005	53	+	d.r.d.r.d.		
Prestwick	135	42609	80011	21804	45400	02731	81616	84625		135	72812	70808	14106	784//	04844	82710	84820	85635	135	01041	01	+	pr.		
Abbotsinch	140	42513	75031	20503	48400	02835	81816	84630		140	72415	58808	12605	784//	03741	81816	85818	87628	140	96501	52	+	pr.		
Leuchars	171	52315	80031	18102	55500	51737	85625			171	22419	80021	10003	25500	01746	82825			171	00503	53	+	+		
Dyce	091	72911	86021	15005	755//	01835	82625	87630		091	42713	82031	08104	45500	01732	84625			091	92031	01	+	pr.r.		
Lerwick	005	82910	65616	09802	4542/	01737	84618	88538		005	80428	60686	05801	853//	01510	82706	86711	88620	005	05001	51	ir.r.r.d.r.r	rrr.s.s.s.pr.		
Wick	075	32810	81018	13103	38530	02733	81820			075	53413	75256	07903	48430	02711	82816	83625		075	03022	00	pr.ir	ir.phrpr.		
Sule Skerry	010	32710	74818	12607	33500	05742	83920			010	83222	57608	09204	855//	04502	88620			010	05022	01				
Cape Wrath	049	52723	80808	13407	53400	06739	83915			049	33219	82258	09605	33400	02709	83915			049	96032	01	pr.	pr.phr		
Stornoway	026	52612	80038	16106	48402	05742	81816	83625		026															

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.																																																																																							
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 C _h C _m C _H	D _s v _s app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	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 C _h C _m C _H	D _s v _s app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	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 M R	99527	70355	27001	80810	98021	28307	855//	00009	////	////	00305	10581	3//03	10/04	C M R	99527	70355	27061	80711	98021	30406	855//	00306	////	////	00205	10609	3//04	////																																																																								
	99572	70202	27004	33215	97011	31208	35500	00720	83625	////	0//06	10968	30302	99/04		99552	10022	27004	30225	98268	13150	39400	00000	81915	////	0//53	10768	30403	04803	99570	70202	27064	43323	97808	28607	43400	00810	83912	////	0//06	10975	30505	99/04	99466	70161	27004	81027	97022	18510	2571/	00606	82650	88458	0//09	11194	30908	////	99661	10021	27064	20328	97278	11450	29400	00808	82915	////	0//54	10741	30504	04802																	99465	70157	27064	80925	97022	16410	856//	31711	88630	////	0//10	11183	30909	////
	99552	10022	27004	30225	98268	13150	39400	00000	81915	////	0//53	10768	30403	04803		99570	70202	27064	43323	97808	28607	43400	00810	83912	////	0//06	10975	30505	99/04																																																																								
	99466	70161	27004	81027	97022	18510	2571/	00606	82650	88458	0//09	11194	30908	////		99661	10021	27064	20328	97278	11450	29400	00808	82915	////	0//54	10741	30504	04802																																																																								
																99465	70157	27064	80925	97022	16410	856//	31711	88630	////	0//10	11183	30909	////																																																																								

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

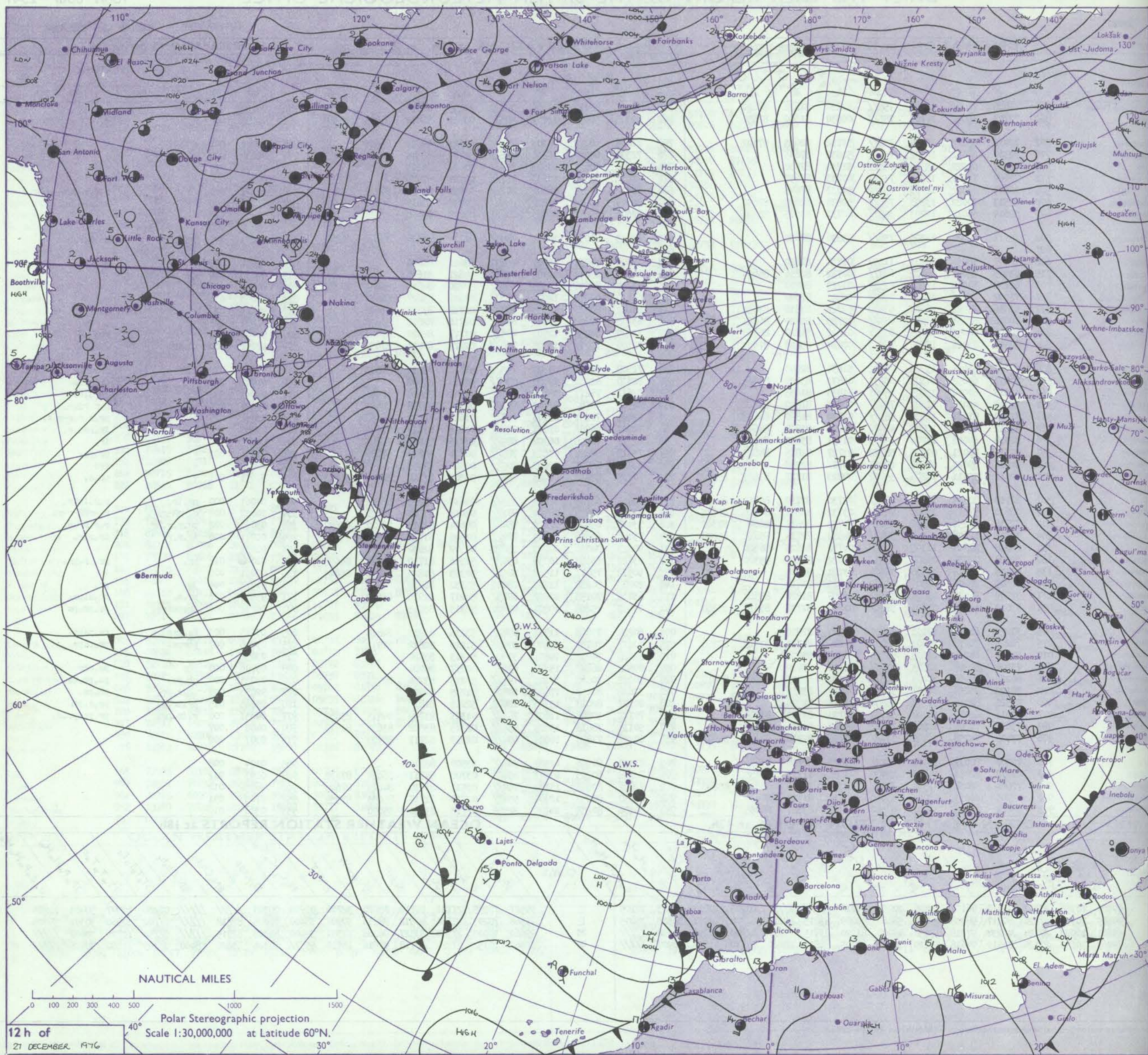
ISSN 0307-2541

No. 42040

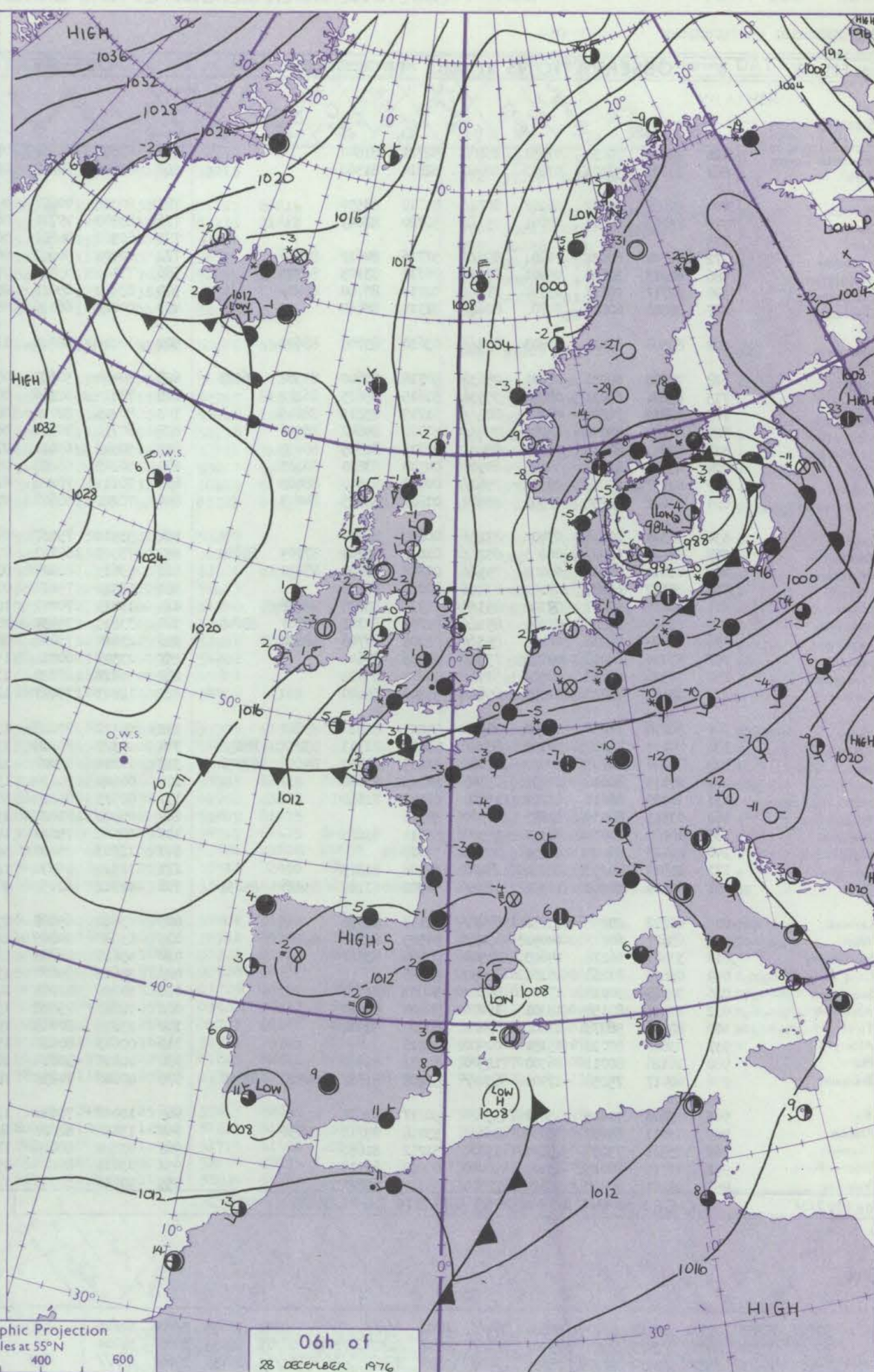
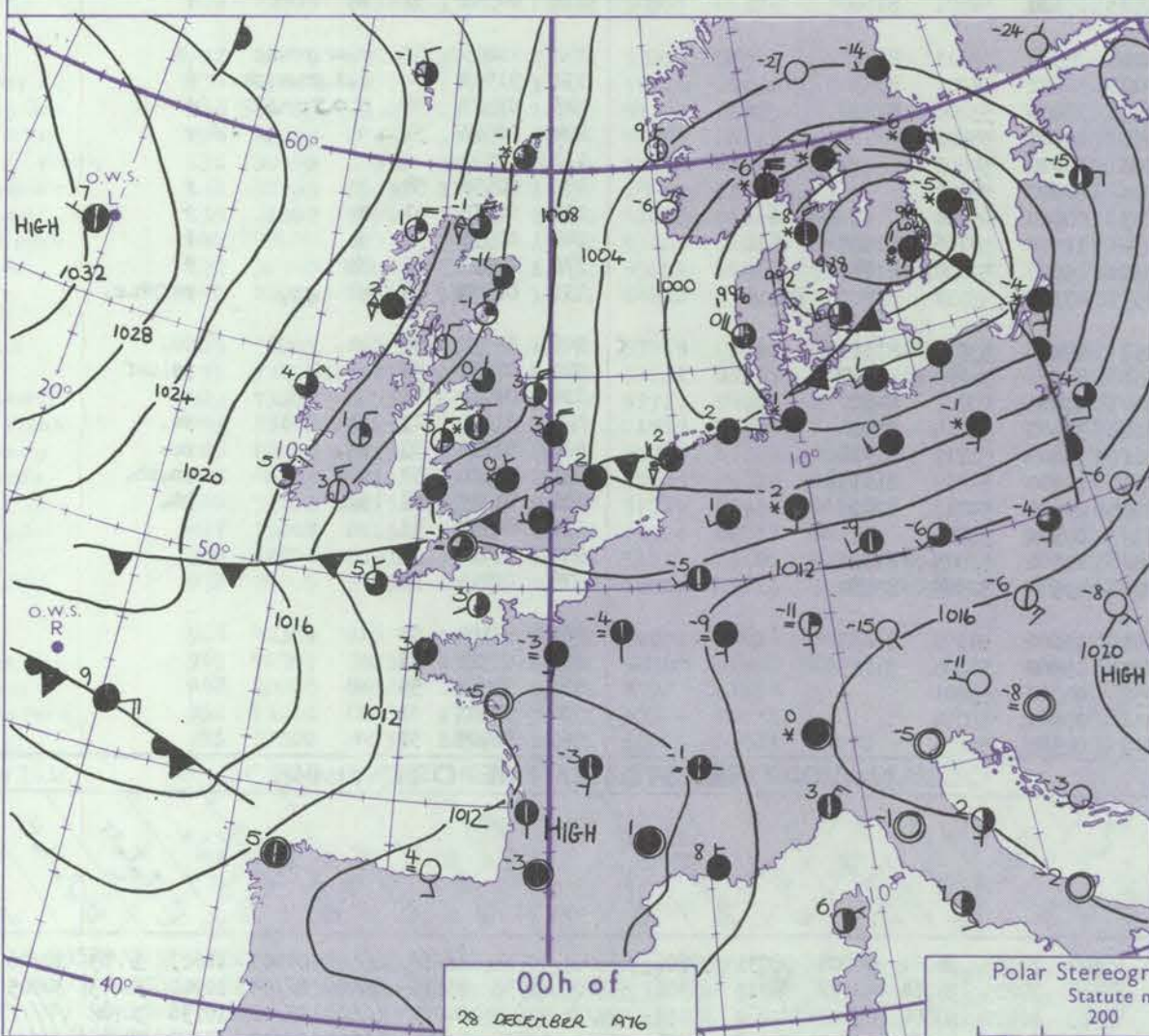
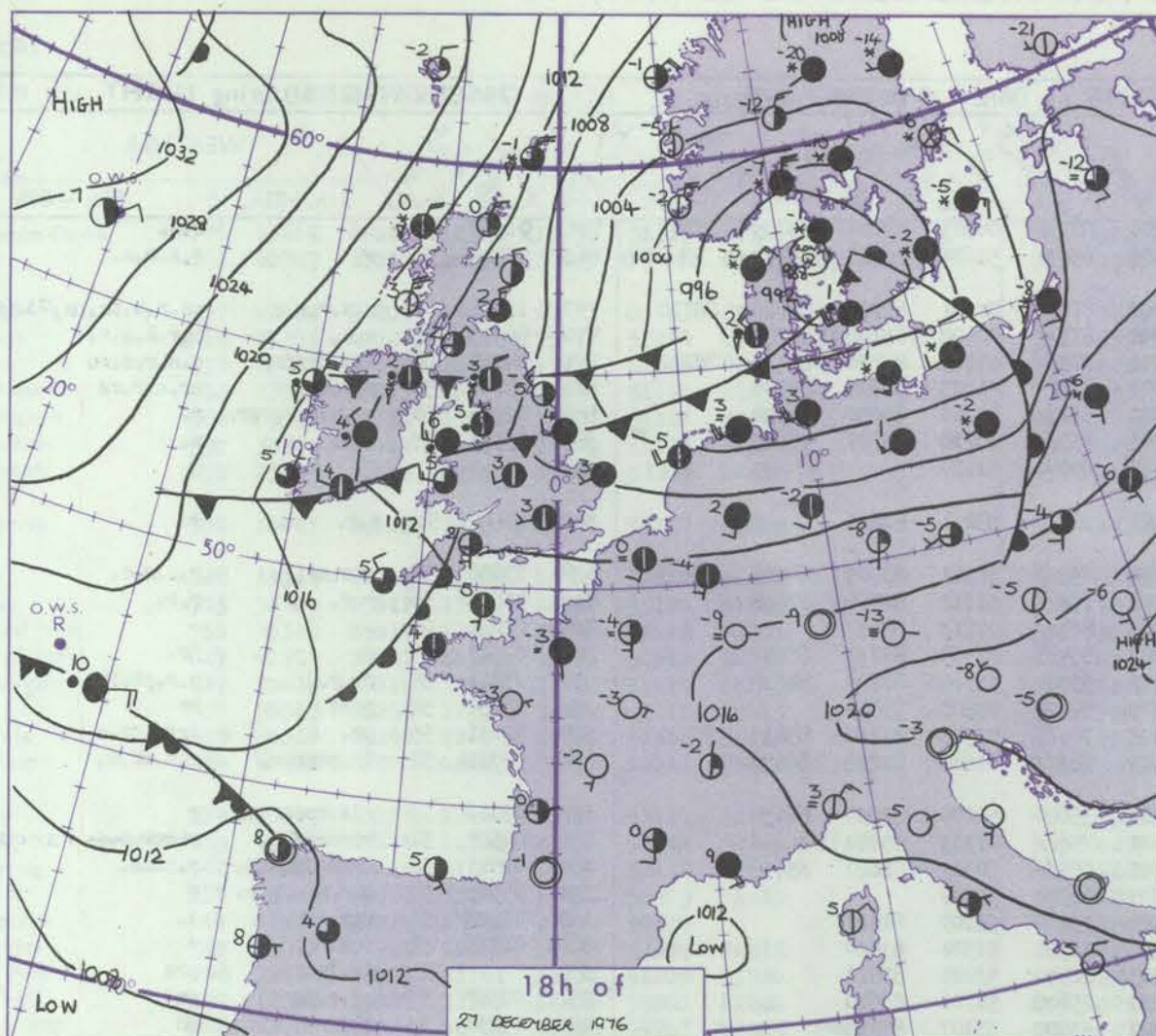
Date of Issue TUESDAY 28 DECEMBER 1976

OBSERVATIONS at 12h. 27 DECEMBER 1976										OBSERVATIONS at 18h. 27 DECEMBER 1976										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M C _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 L _h C _M C _H	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT	T _h F	SS	WEATHER	
																							09h.—15h.	15h.—21h.
Boscombe Down	746	72408	75022	16702	755//	51730	81622	87640		746	32407	80011	11300	35600	51725	83640			746	00033	001	+	+	
Hurn	862	72703	56052	17203	756//	00830	81640	87650		862	72305	58052	12201	5853/	00720	81822	85645	85360	862	00053	000	+	+	
Manston	797	72412	68022	15304	756//	51732	82635	87642		797	72408	68022	10103	756//	51721	82633	87645		797	00041	001	+	+	
Gatwick	776	72310	68012	16302	756//	51832	87645			776	72306	60032	10900	756//	51725	87645			776	00031	000	+	+	
Kew	775	72307	60022	15504	756//	51834	87630			775	72406	60021	10603	755//	51620	81625	87630		775	00061	010	+	+	
Heathrow	772	72609	72022	15804	757//	00733	87650			772	72607	68022	10803	757//	00721	87656			772	00051	009	+	+	
Honington	586	72515	80022	12703	756/2	51833	87645			586	82512	70611	08302	872//	01720	85704	88709		586	02041	000	+	r.o.r.o.s.o.r.s-s	
Wattisham	590	72513	70022	13303	755//	50830	82625	87640		590	82515	70606	08602	854//	00718	83618	86626	88640	590	01031	000	+	ir.o.r.o.s.s.s.	
Gorleston	497	52614	66012	12203	3557/	00731	83625	83360		497	82606	66258	07803	8092/	01718	88460			497		024			
Aberporth	502	72911	89022	15505	756//	53836	87630			502	62913	86038	10905	4843/	01721	82818	83640	85362	502	93051	000	pr.h.pr.	pr.h.r.o.r.	
Filton	627									627														
Rhoose	628	22609	56051	16003	11550	01832	81820			628	12706	50051	10901	15730	52621	81650			628	00041	015	+	+	
Hartland Point	715	63003	78031	16602	684//	00732	82816	86624		715	12805	68011	11401	15600	54621	81635			715	00033	006	+	+	
Mount Batten	703	62708	74018	17206	6253/	01729	86820			703	73004	83258	12305	5843/	50720	84815	85646	87360	703	94061	005			
St. Mawgan	827	71202	10042	18101	756//	52826	87640			827	63310	40041	12603	685//	01618	83827	86640		827	97053	031	+	r.	
Scilly	817	51806	75022	18604	58430	54722	83818	83635		817	83602	80028	12703	7847/	01718	83817	87626		817	97063	039	+	pr.	
Culdrose	804	60000	82031	18906	685//	02825	81820	86623		804	63208	84258	13805	684//	02716	82817	86628		804	01071	001			
Guernsey	809	60000	60041	18703	685//	01822	81820	86640		809	73209	60058	12903	4952/	01717	84920	87462		809	97061	022	+	pr.	
	894	70301	83026	18905	785//	00824	83828	87650		894	72106	77022	13305	784//	02722	81811	87650		894	97051	000	id.ir.	r.o.r.	
Elmdon	534	22309	81031	13903	25602	51834	82640			534	72308	68026	09303	755//	51720	83622	86647		534	92041	028	+	r.o.r.o.s.	
Cardington	559	72513	65052	14303	65631	00833	83640	85645		559	82410	62032	09403	856//	01719	88648			559	01041	002	+	ir.r.r.r.s	
Wittering	462	12513	80010	13003	15601	51833	81635			462	72611	75211	08102	755//	01719	83620	87645		462	01041	032	+	r.o.r.d.r.dr	
Watnall	354	72410	65021	12202	784//	00834	81810	86712		354	82507	58582	07703	853//	02716	83708	88611		354	03041	005	+	r.o.r.d.r.o.r	
Shawbury	414	72512	81031	13604	785//	02734	81820	86630		414	62408	77251	08903	685//	01617	82822	86635		414	03051	019	+	pr.r.o.r.r-r.o.s.	
Finningley	360	42612	68030	10905	48402	01727	81818	84640		360	72707	66586	07004	754//	03816	83615	87642		360	03051	027	ir.	ir.r.Rd.r.	
Spurn Point	396	52414	64022	10704	35679	01731	83635	84360		396	82711	62026	06904	885//	03713	81820	88645		396			+	ir.	
Leeming	257	52715	86021	09505	58442	03727	81815	84645		257	73317	84022	07603	785//	00504	82823	87638		257	93056	003	+	pr.p.s.	
Tynemouth	262	32818	69022	08805	20931	03717	82358			262	83425	66021	07603	8097/	02602	88358			262	02052		+	pr.s.	
Carlisle	222	62611	75011	10205	55432	04823	81717	83625	85360	222	70118	62832	09403	784//	00309	82714	84818	86645	222	97051	001	+	pr.s.	
Valley	302	82718	80028	14705	884//	03730	81710	86812	88626	302	82915	62608	09606	853//	04618	85708	88618		302	04061	000	pr.ir.	r.o.r.ir.ir.	
Ringway	334	72612	57617	13004	753//	03732	82706	84708	86615	334	82711	50636	08404	872//	02618	83703	88706		334	10052	000	r.o.r-r-r.s.	r.o.r-r-r-r.s	
Squires Gate	318	72714	70251	11906	6847/	04733	82817	86640	87360	318	73407	65606	07705	784//	04614	82817	83622	87640	318	03061	002	pr.r.o.r.Rr	r.o.r-r-r.s.	
Ronaldsway	204	72815	62602	12106	754//	04834	81714	85616	85628	204	73104	60616	09105	784//	03606	81711	87648		204	01071	000	ir.r.o.r.	ir.r.o.r.	
Mull of Galloway	131	63218	82818	11305	3257/	04732	83825	86360		131	50223	84016	09603	25670	02302	82630	85360		131	01051				
Eskdalemuir	162	62909	70036	09404	4853/	01622	83822	85360		162	63621	65268	10350	694//	51316	81710	82922	84656	162	01046	012	pr.	pr.ph.p.s.	
Prestwick	135	43405	70018	10306	38449	03721	82814			135	50512	75011	11502	585//	50323	81820	83630	85645	135	00061	006	+	+	
Abbotsinch	140	12505	82028	09805	18440	03715	81818			140	20207	80258	12202	28440	53132	81818			140	91073	044	jp	pr.	
Leuchars	171	32809	84020	09004	18542	51709	81820	83360		171	63416	70158	10902	6943/	54217	81915	86650		171	95053	027	pr.s.	pr.s.p.s.	
Dyce	091	73012	65268	07803	5836/	01802	81707	83815	85360	091	43510	75268	10801	49400	54315	83915			091	06037	000	pr.s.p.s.p.s.	ps.ph.p.s	
Lerwick	005	30222	62278	09101	39400	52109	82910			005	60224	75868	11951	694//										

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours the depression off western Norway deepened further as it moved southeastwards to southern Sweden. Associated cold fronts moved southwards over the British Isles, although their progress over Southern Counties was delayed by a shallow wave running eastwards along them. During the next 24 hours the low over southern Sweden will move away

eastwards and a ridge of high pressure will build over the British Isles. Meanwhile a new low forming over Iceland is expected to move rather quickly southeastwards to be near northwest Ireland by tomorrow morning.

Issued at midday
TUESDAY 28 DECEMBER 1976

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

OBSERVATIONS at 00h. 28 DECEMBER 1976										OBSERVATIONS at 06h. 28 DECEMBER 1976										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	RRT _n T _n E	T _g T _g	WEATHER							
																						21h.—03h.	03h.—09h.						
Boscombe Down	746	22606	70030	07551	15602	52721	81640			746	83609	50717	07200	872//	00303	82704	83705	88707	746	91517	55	s.		S.S.					
Hurn	862	10000	58101	07852	10940	52814	81360			862	83606	50617	06801	6547//	51604	86618	88357		862	92545	58	+		R.S.R.S.					
Manston	797	82608	70682	06202	8072//	51719	88550			797	80318	40687	05401	872//	01501	82703	85706	88710	797	11006	00	R.S.R.S.S		S.S.S.S.S.S.S.S					
Gatwick	776	72205	65011	07001	756//	52720	87643			776	83503	19717	06201	873//	00502	83706	88708		776	96515	55	S.S.		S.S.S.S.S.S.S					
Kew	775									775	80305	40687	06901	873//	01503	82706	85708	88712	775	04007	00	R.S.S.S.S.S.S		S.S.S.S.S.S.S					
Heathrow	772	82704	60032	06901	854//	51716	84619	88656		772	80408	56607	06801	872//	01303	86705	88708		772	03006	50	SSR.S.		S.S.S.S.S.S					
Honington	586	82613	30687	05401	872//	00714	83703	88705		586	73406	65017	07000	5573//	50211	85650	86358		586	02513	54	S.S.S.S.S.S.S.S		R.					
Wattisham	590	82711	20717	05201	870//	00717	85700	88702		590	83510	65027	06201	853//	00210	83707	88625		590	03515	53	S.S.		S.					
Gorleston	497	82808	60026	04702	8092//	01714	88460			497	00220	66016	06405	00900	51210				497										
Aberporth	502	80508	67618	07803	853//	03610	83708	88625		502	10319	88016	11002	18400	53214	81815			502	02013	51	R.R.		+					
Filton	628	72608	60031	07201	25636	50718	82640	83362	86273	628	80414	50687	08601	852//	50311	83705	84708	88611	628	03006	53	R.S.S.S.S		R.S.S.S.S					
Rhoose	715	63104	68031	08050	35536	51615	83625	86272		715	70311	62216	08901	753//	51212	82708	87628		715	01513	56	R.R.		R.R.					
Hartland Point	703	82812	74808	08305	884//	01719	85815	88646		703	80226	82026	08303	854//	01213	88617			703	02031	01								
Mount Batten	827	71102	45046	08701	756//	50720	84642	86656		827	80711	70216	06902	854//	01505	81710	88641		827	02513	55	R.		R.R.					
St. Mawgan	817	82911	80038	08905	884//	02718	82815	88630		817	50519	65016	07902	55300	00305	82708	84618		817	03011	54	RR.R.		R.R.ph.ph.s.					
Scilly	804	63307	82258	10405	68500	04718	83820	86625		804	50318	66258	08805	52400	03503	85819			804	06032	51	pr.r		pr					
Culdrose	809	82707	60058	09502	2562//	00719	82640	88460		809	70111	70256	07403	784//	02503	81710	83815	85620	809	02011	55	pr.		ir.pr.pr.s.					
Guernsey	894	42602	70256	09903	28502	01817	81825	84075		894	70202	68608	07103	783//	01611	81708	86650		894	03012	51	ir.ph.ph.R.		R.S.S.S.S					
Elmdon	534	83304	20716	07400	872//	00602	88704			534	53511	75037	09401	55600	52209	82630	84650		534	05516	53	R.S.S.S.S.S.S		+					
Cardington	559	82706	56697	06601	852//	01611	85704	87709	88615	559	73507	65227	07901	756//	01313	85644	86656		559	04505	51	RRSSSS.S.S		RRSSSS.S.S.S.S.S.S.S					
Wittering	462	73411	70216	06202	753//	01706	86709	87650		462	53613	82027	08401	555//	50311	82620	85638		462	02515	52	RRRR.R.S.S.S		S.ph.s.					
Watnall	354	80112	65687	07101	857//	50002	88656			354	03512	75017	09550	00900	52212				354	95513	53	d.R.R.S.S.S.S		+					
Shawbury	414	80115	57607	08302	853//	01304	83708	88616		414	13513	70017	10750	15500	52109	81620			414	01523	54	R.S.S.S.S.S		S.					
Finningley	360	83510	35706	07901	851//	01209	84702	84707	88645	360	33515	75037	10250	32500	51314	83820			360	01515	56	S.S.		+					
Spurn Point	396	80220	75216	06603	853//	02305	87708	88640		396	23614	75028	08903	22500	53214	82820			396					pr.s					
Leeming	257	73416	60018	09101	756//	52303	87640			257	23307	60018	11253	25600	54106	82640			257	02547	55	pr.S.S.ps		ps.					
Tynemouth	262	70526	69838	09504	5357//	00211	85925			262	53417	69028	11300	53500	53107	85925			262	03537	53	phpr.s		ps					
Carlisle	222	60102	70028	11800	656//	51209	86640			222	12803	75021	12852	15600	54801	81640			222	00533	59	+		+					
Valley	302	30216	75256	10703	38500	51217	81820	83640		302	20112	83028	13101	28500	52211	81823			302	91003	52	R.R.R.pr.s.		jp					
Ringway	334	80111	75268	09103	884//	53209	81713	83818	88656	334	10307	80148	11300	18601	54209	81830			334	91513	54	R.S.S.S.S.S.S		+					
Squires Gate	318	70310	80707	10002	4567//	51215	81630	84656	87359	318	10211	82027	12150	18400	53206	81818			318	97523	56	R.S.S.S		+					
Ronaldsway	204	20113	80016	12201	25700	54215	82656			204	00109	80020	13651	00900	55801				204	00513	54	+		+					
Mull of Galloway	131	10230	86011	13202	15600	00217	81630			131	00323	86020	14000	00900	54803				131	00513									
Eskdalemuir	162	03515	80018	12652	00900	54316				162	00302	81020	13054	00900	58809				162	00556	58	+		+					
Prestwick	135	10109	80031	14351	15500	55111	81625			135	00000	75020	14653	00900	55804				135	00573	61	+		+					
Abbotsinch	140	00107	86020	14251	00900	58007				140	12303	86030	14154	11500	58706	81825			140	00553	59	+		+					
Leuchars	171	23315	80158	12951	28400	53106	81815			171	12510	86030	12451	15600	54809	81630			171	00523	55	jp		+					
Dyce	091	63109	70268	12351	684//	54302	81712	83820	85632	091	42912	62158	10951	48300	53712	81707	83815		091	01539	56	ph.s.ps.		psfph.s.					
Lerwick	005	60220	20858	11751	694//	52107	83910			005	43610	65268	09152	49400	53714	83910			005	03537	56	ps.		ps.					
Wick	075	63627	60878	14051	694//	54503	82710	85912		075	83618	20868	12351	893//	51809	88909			075	02556	55	ps.ph.		ps.ps					
Sule Skerry	010	33627	66278	14603	33500	01808	83920			010	43620	66858	12502	43500	00711	84920			010	01002	51								
Capé Wrath	049	03623	81268	16101	00900	51306				049	33612	84020	13201	33500	51715	83920			049	01016	03	ps.		ps.					
Stornoway	026	30118	70018	17901	39400	50002	83917																						

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

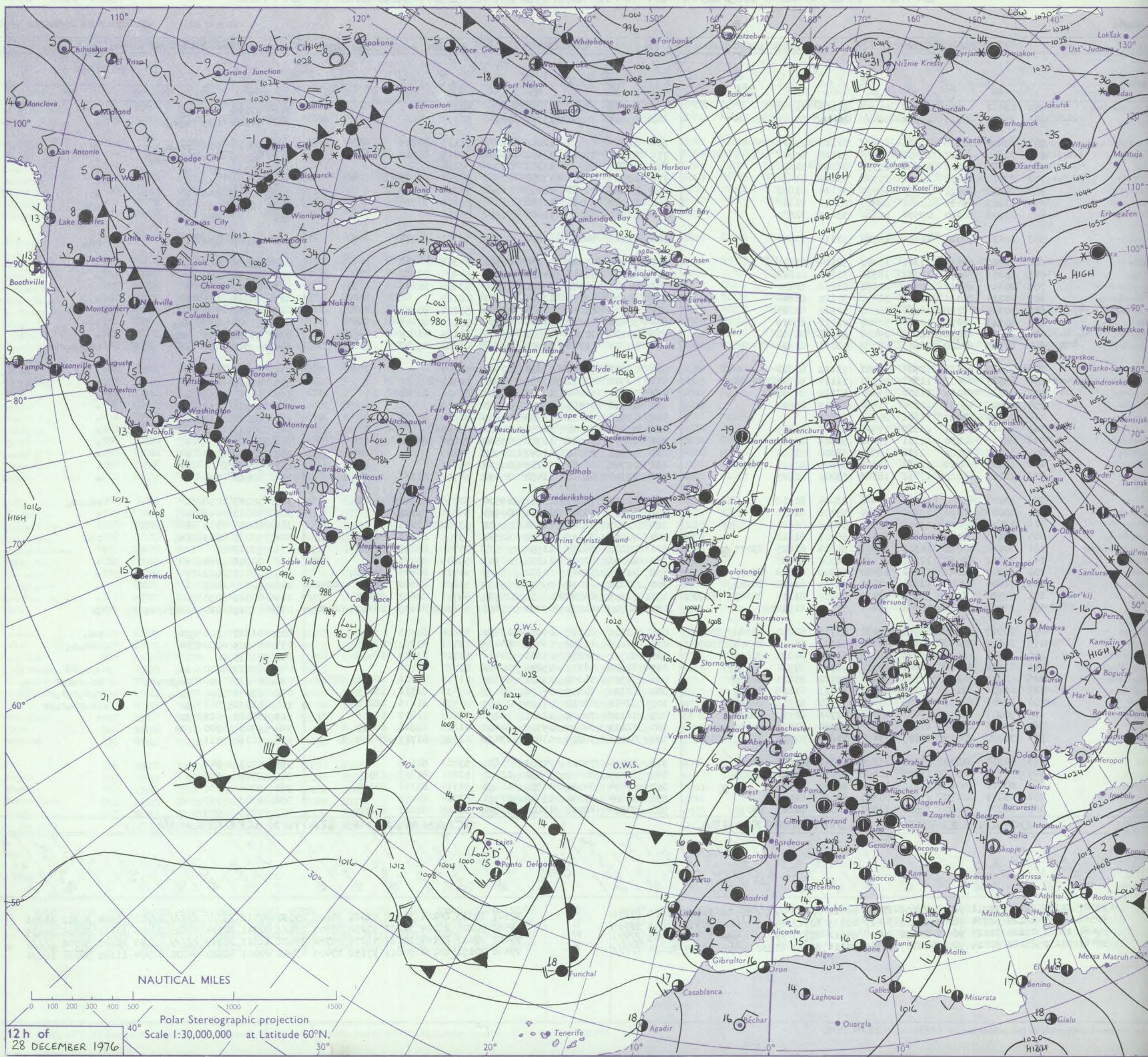
ISSN 0307-2541

No. 42041

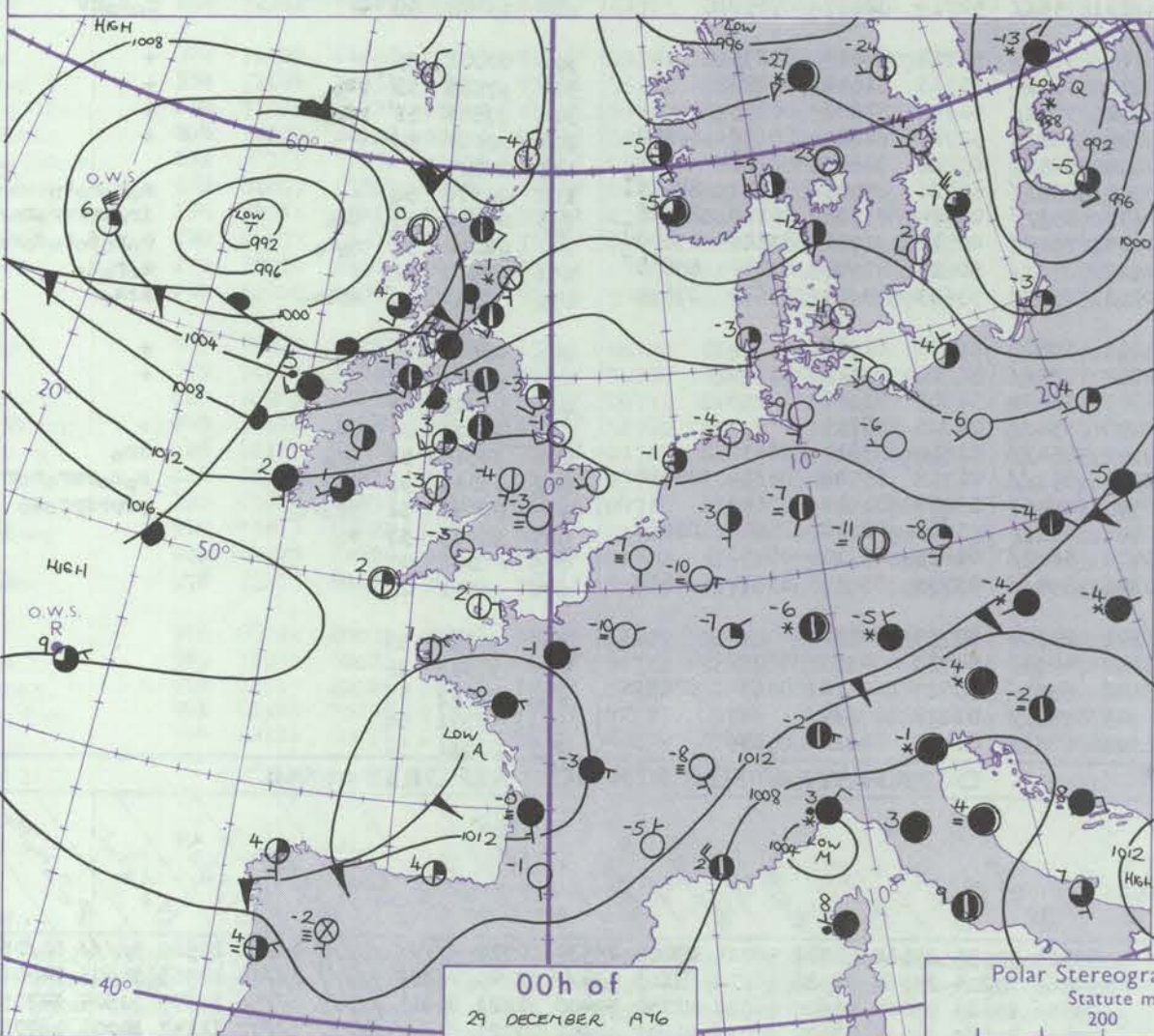
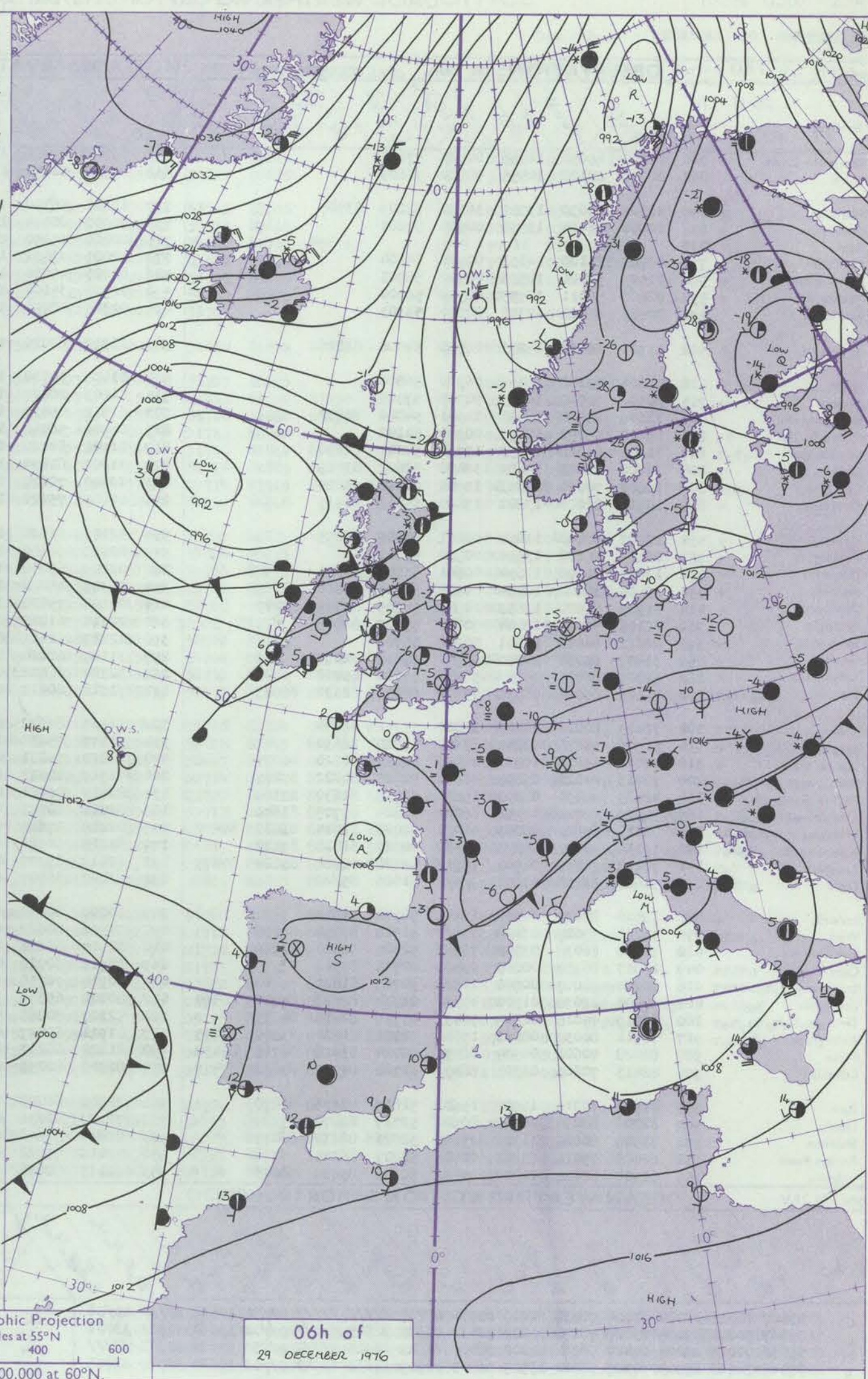
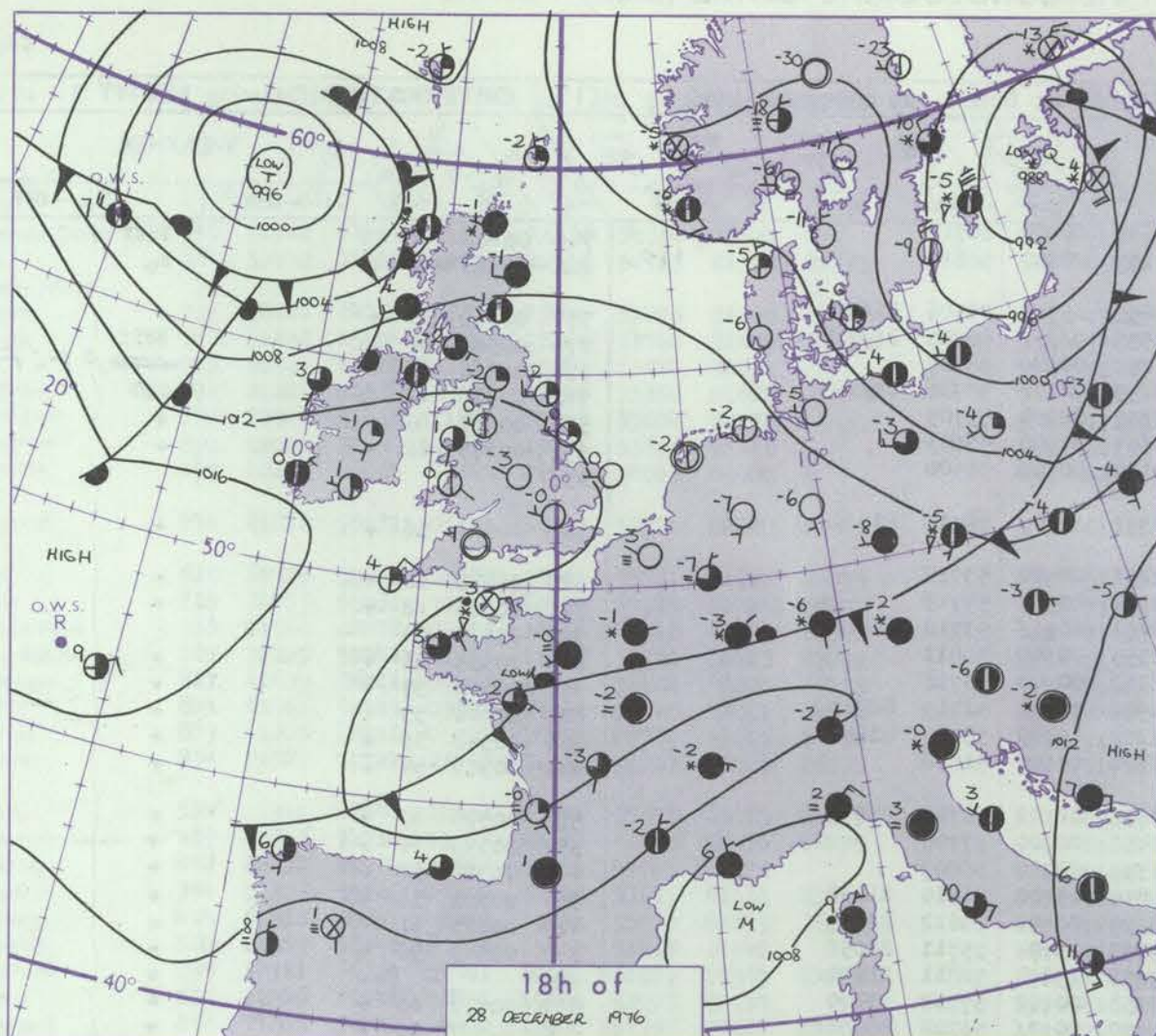
Date of Issue WEDNESDAY 29 DECEMBER 1976

Code FM II.V		OBSERVATIONS at 12h. 28 DECEMBER 1976										OBSERVATIONS at 18h. 28 DECEMBER 1976										OBSERVATIONS during DAY					
Station		iii	Nddff	VVwwwW	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	VVwwwW	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		746	13612	62017	11301	10930	51115	81360			746	00202	58050	13953	00900	54212				746	97016	039	so		+		
Hurn		862	60307	60017	10902	684//	00118	83812	83650		862	03605	59100	13351	00900	52213				862	97023	025	so _{ro} so		+		
Manston		797	62602	70208	09201	684//	00113	83815	86645		797	31810	62018	12250	32400	51117	83815			797	95025	000	pseshops _o	jp			
Gatwick		776	70206	60027	10402	754//	51114	81712	83645	86656	776	13502	57051	12951	15400	52215	81612			776	91023	019	so _{ss} so		+		
Kew		775	23608	68017	10601	15730	52114	81650			775	02801	58050	13352	00900	53214			775	00026	037	+		+			
Heathrow		772	23510	65017	10701	25700	51114	81650			772	03105	56010	13250	00900	51214			772	00035	036	+		+			
Honington		586	23309	80021	10401	18433	51114	81812			586	72808	62031	12250	763//	52209	87707			586	00033	046	+		+		
Wattisham		590	33309	84011	10101	38400	53113	81818			590	32907	57030	12152	36300	53311	83706			590	00025	031	+		+		
Gorleston		497	23106	66020	09504	25600	53209	82630			497	02807	66021	11400	00900	51210			497		046						
Aberporth		502	10411	89020	14402	18500	53112	81820			502	11302	84020	13800	00902	53001	81075			502	97025	069	+		ps _o		
Filton		628	10311	60017	12101	15400	52114	81618			628	00602	59011	13752	00900	54308			628	00025	045	+		+			
Rhoose		715	30209	75011	13002	18532	53120	81825			715	10703	72011	14051	15600	54207	81630			715	00024	040	+		+		
Hartland Point		703	20319	85017	12703	22630	51118	82830			703	20109	85020	13803	22600	53208	82830			703	00040	055					
Mount Batten		827	40214	70011	11703	38431	50120	82818			827	00704	62050	13701	00900	52115			827	00033	051	+		+			
St. Mawgan		817	30614	82028	12503	38500	51114	82825			817	11105	86010	14150	11400	53211	81815			817	00043	071	+		+		
Scilly		804	50513	80258	12906	52400	01218	85819			804	30408	81020	14404	32400	53211	83819			804	97061	054	pr _o		+		
Culdrose		809	20314	65058	12103	29400	51108	81912			809	10106	70100	13800	11400	50109	81815			809	97053	068	pr _o so		+		
Guernsey		894	80510	62808	08803	883//	02011	83806	87810		894	90714	18848	11503	9////	01223	89/00			894	09042	000	pr		pr _o ps _o hr		
Elmdon		534	30107	65031	12700	38400	53111	83812			534	03002	57040	13653	00900	56207			534	00016	054	+		+			
Cardington		559	43507	66031	11701	25530	51114	82620	83360		559	02505	62011	13252	00900	52309			559	00023	043	+		+			
Wittering		462	23311	64018	11600	26300	52112	82707			462	12807	56040	12752	00901	53106	81075			462	00015	056	+		+		
Watnall		354	13407	59051	12200	11430	52009	81810			354	02501	56050	12452	00900	55003			354	00013	062	+		+			
Shawbury		414	03510	74020	13301	00900	50107				414	12505	70020	13553	00901	54206	81075			414	00013	063	+		+		
Finningley		360	13412	75021	12100	19400	53307	81915			360	02805	30040	12052	00900	53303			360	00013	062	+		+			
Spurn Point		396	33118	68030	11101	39501	51209	83920			396	23015	66021	11700	29500	53206	82920			396			+		+		
Leeming		257	12809	89020	12100	18500	55000	81820			257	02910	86010	11652	00900	54802			257	00016	063	+		+			
Tynemouth		262	52709	66028	12051	23536	54205	82925	84075		262	02708	66021	11252	00900	55601			262	91517		ps		+			
Carlisle		222	22703	84020	13451	18542	55000	81825			222	22104	81020	11452	10932	54708	81362			222	00013	064	+		+		
Valley		302	20209	83020	14904	29401	53004	81918			302	42202	75278	13301	49500	51705	81920	83628		302	93045	058	+		ph _o ps _o		
Ringway		334	13206	62020	13700	18600	55006	81830			334	12302	59020	13251	00901	56301	81075			334	00013	068	+		+		
Squires Gate		318	13603	65020	13602	12502	54102	81825			318	13003	58040	12500	00901	53602	81075			318	00023	069	+		+		
Ronaldsway		204	23603	84030	14502	18504	55001	81822			204	72907	70018	12302	685/2	53705	82828	86656	85075	204	93035	043	ps _o		ps _o		
Mull of Galloway		131	30000	86030	14303	12501	52804	81825	83075		131	70205	86037	11901	785//	00708	83825	87630		131	93043						
Eskdalemuir		162	32202	81030	12800	11632	58000	81830			162	10000	82011	11156	00901	59809	81075			162	00006	064	+		+		
Prestwick		135	61302	56041	13852	18432	53808	81818	84070		135	71305	57041	10352	755//	54717	82625	86635		135	00013	022	+		+		
Abbotsinch		140	72804	82031	13201	11472	53809	81818	86365		140	70000	65022	09550	65578	53821	83628	84657	86272	140	00023	041	+		+		
Leuchars		171	72510	86031	11601	12432	55809	81815	85365	86070	171	72305	84022	08951	25772	55711	82650	86462									

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 low over southern Sweden moved away eastwards and a weak ridge of high pressure developed over the British Isles, although a small frontal wave depression remained slow-moving over northwest France. A depression over southern Iceland deepened as it moved steadily southeastwards and the

associated fronts moved eastwards into Scotland overnight. During the next 24 hours the depression to the west of Scotland is expected to continue deepening but to move only slowly southwestwards. The associated fronts will move eastwards across the remainder of Scotland, Wales and England, except the extreme east.

Issued at midday WEDNESDAY 29 DECEMBER 1976

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

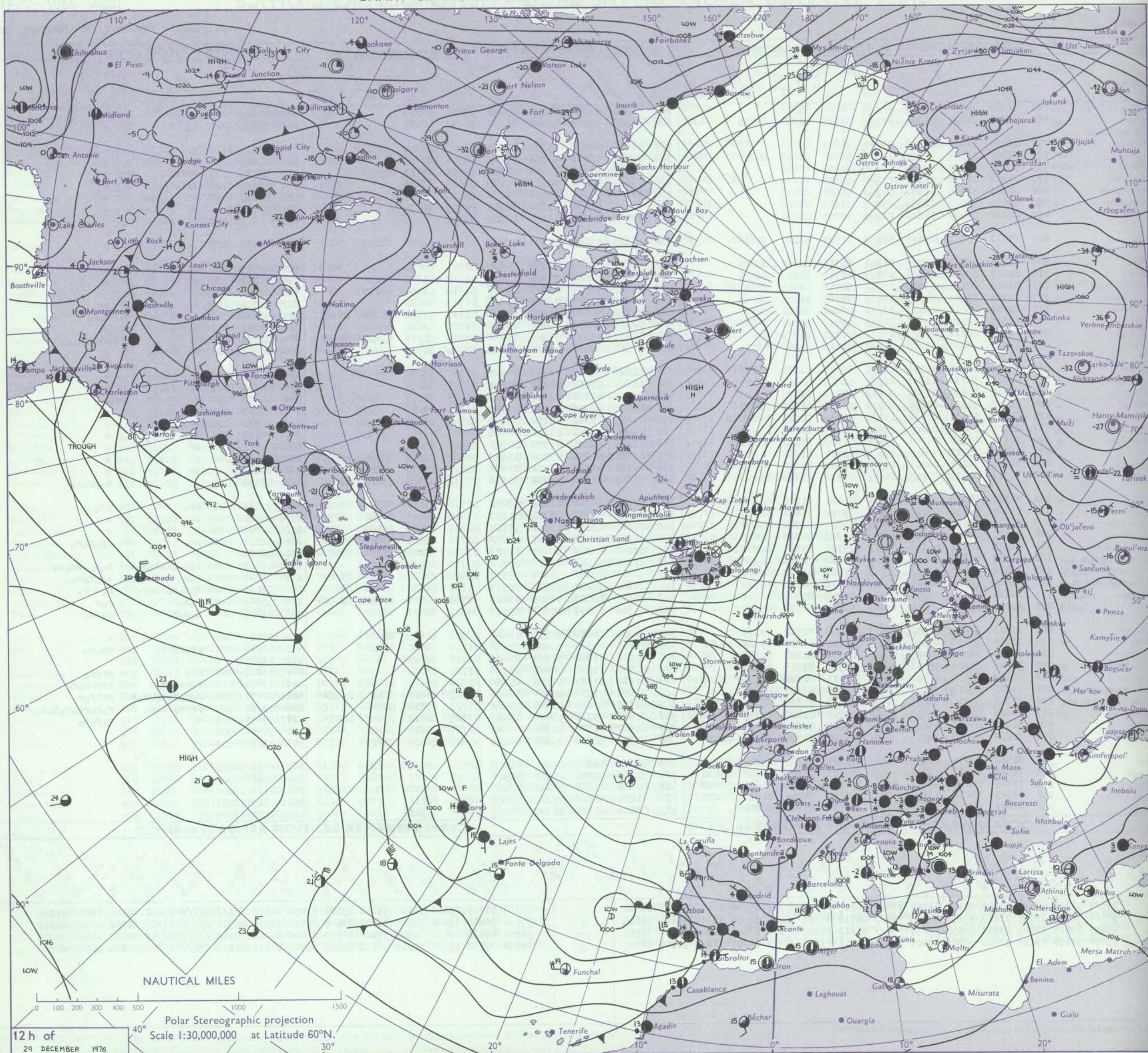
ISSN 0307-2541

No. 42042

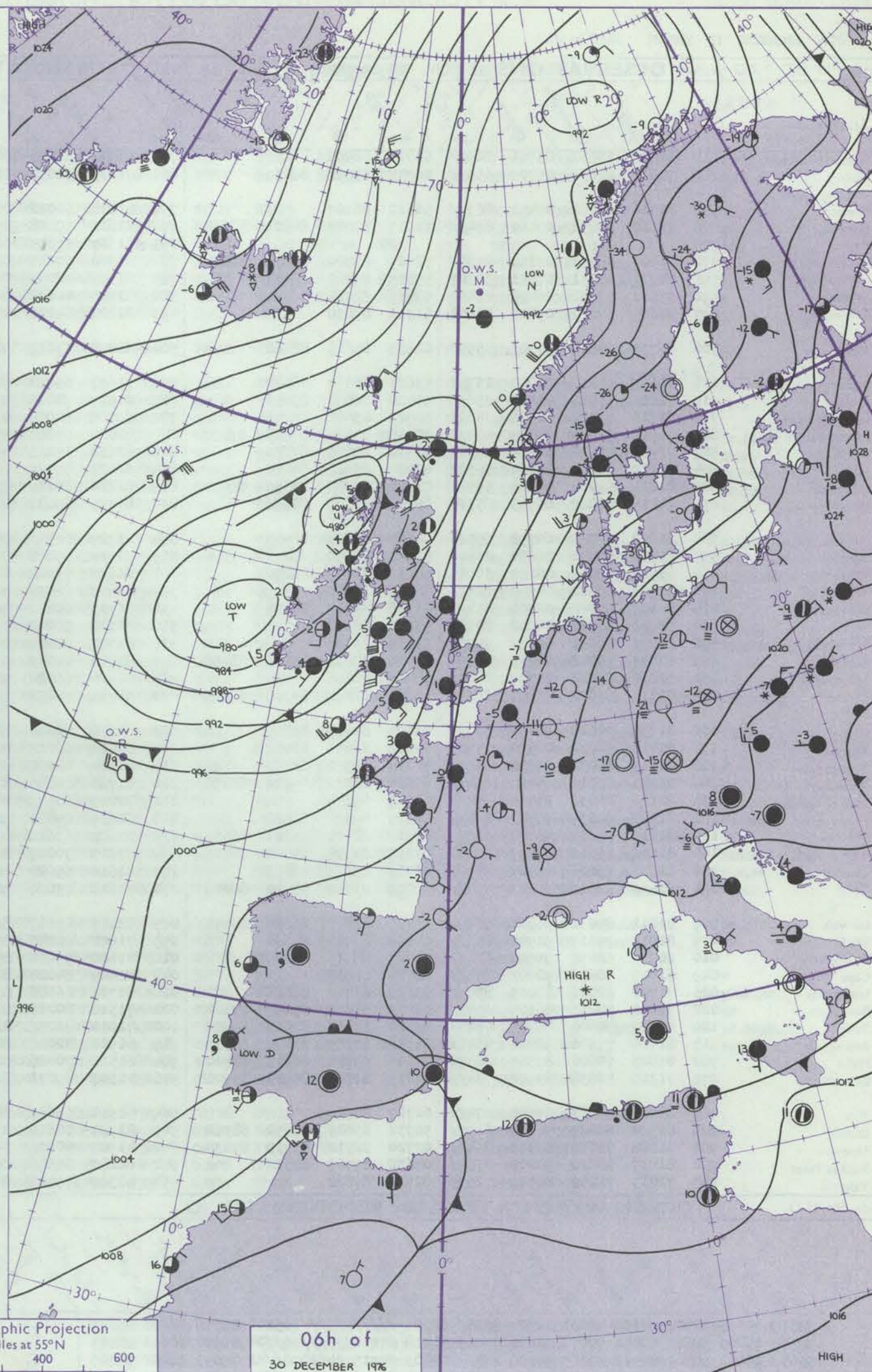
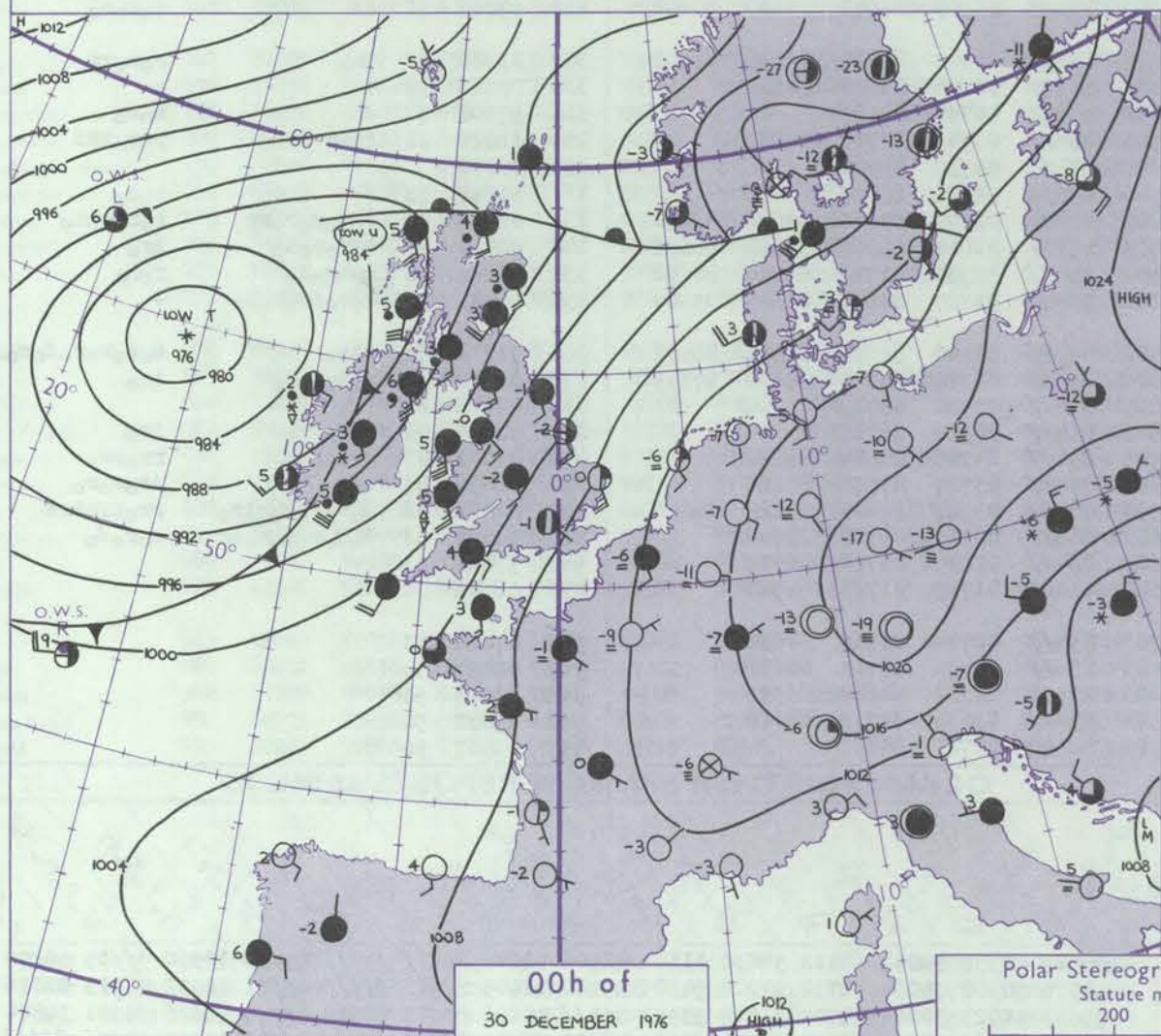
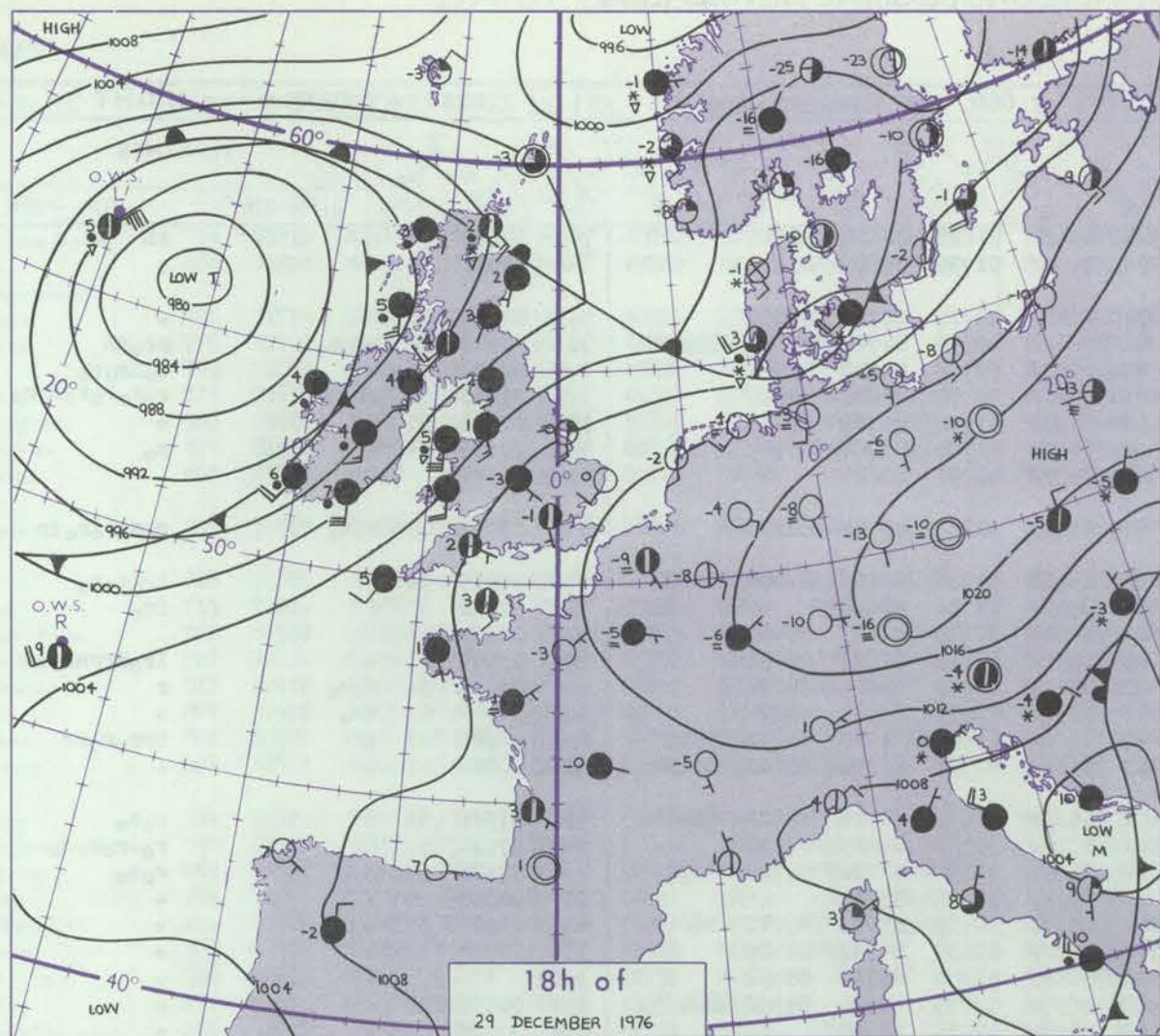
Date of Issue THURSDAY 30 DECEMBER 1976

OBSERVATIONS at 12h. 29 DECEMBER 1976										OBSERVATIONS at 18h. 29 DECEMBER 1976										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	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 _h F	SSS	WEATHER	
																																09h.—15h.	15h.—21h.
Boscombe Down	746	91302	01494	11853	9777	54814	89/00			746	71309	58054	09252	75477	53608	87618			746	00516	001	1fff										+	
Hurn	862	33402	28107	11951	10932	51715	81362	83075		862	61506	59051	08902	65677	51713	86635			862	91033	011	so										+	
Thorney Island																																	
Manston	797	12010	64020	13301	15701	51805	81656			797	41813	62030	11852	36301	53505	83708			797	00015	033	+										+	
Gatwick	776	30302	15104	12952	15601	53710	81635	83075		776	71406	56051	10852	75477	54504	87615			776	00013	038	fF										+	
Kew	775	10901	11287	12553	15601	54810	81630			775	51405	58054	10652	16401	54602	81715	85073		775	97016	037	FFFfsh										+	
Heathrow	772	21201	12288	12652	15601	53810	81630			772	71607	56051	10551	00908	53602	87275			772	97025	032	FFFps										+	
Honington	586	22006	59010	11950	00902	55804	82072			586	41709	45051	10552	00901	53605	84075			586	00013	058	+										+	
Wattisham	590	12010	33050	12352	15401	53806	81618			590	61710	58051	10752	00902	54709	86075			590	00503		+										+	
Gorleston	497	22108	58020	12300	21500	52705	82820			497	02009	58020	11300	00900	51702			497			062												
Aberporth	502	61612	75031	07101	58502	52825	82820	84630		502	81818	75011	03303	28537	51818	81820	88270		502	00031	007	+										+	
Filton	628	61705	59051	10750	25601	55717	82630	86075		628	51610	30051	07950	00901	53707	85070			628	00015	000	+										+	
Rhoose	715	81407	59031	10501	18407	52715	81816	88275		715	71513	58052	07101	15641	51812	81630	87072		715	00023	029	+										+	
Hartland Point	703	71816	82022	09502	38437	50716	82815	87360		703	71610	74052	05702	15718	51716	81650	87275		703	00030	036											+	
Mount Batten	827	71105	57041	10101	11435	54720	81815	87070		827	81912	65802	06504	82677	01713	88830			827	02051	019	+										pr	
St. Mawgan	817	61609	86011	09403	12531	56822	81820	86075		817	71909	70021	05802	54408	01716	81812	85630	87270		817	97051	040	+									ro	
Scilly	804	61805	82021	09506	58502	53718	82821	84635		804	82011	82032	05405	25507	51716	82625	88275		804	00061	033	+										+	
Culdrose	809	41305	82011	09702	18402	00720	81815	83070		809	71707	75258	05903	79477	00714	81916	83822	87640		809	92061	032	+									pr	
Guernsey	894	71507	72021	11403	31402	51813	83818	86075		894	71712	64031	08903	62472	52710	86816			894	00041	022	+										+	
Elmdon	534	31910	62040	10551	15601	55808	81635	83075		534	81507	58041	08553	00907	55707	88270			534	00506	047	+										+	
Cardington	559	41906	70030	11800	22682	51810	82830	84075		559	61604	57051	10052	00901	53504	86075			559	00013	061	+										+	
Wittering	462	22011	59050	10851	00901	54708	82075			462	51711	40051	09352	00901	54603	85075			462	00003	054	+										+	
Watnall	354	32208	59020	09100	10972	53813	81362	83075		354	61908	62011	07952	00900	53804	85075			354	00013	051	+										+	
Shawbury	414	61811	80031	08401	15531	50719	81625	86075		414	71711	61042	06150	15738	52809	81650	87270		414	00013	037	+										+	
Finningley	360	21909	58041	08800	15602	53807	81640			360	71801	57041	07251	00906	52803	87275			360	00013	057	+										+	
Spurn Point	396	32111	66020	09301	10941	00807	81360	83075		396	31815	66010	08550	00901	52000	83075			396			+										+	
Leeming	257	11006	65010	06651	15632	53707	81630			257	81610	60041	05001	15677	54702	81630	83360	88468		257	00027	046	+									+	
Tynemouth	262	71815	56022	04302	15677	51707	81630	87358		262	71918	61022	02701	35577	51710	83625	87358		262	00036		+										+	
Carlisle	222	72312	82027	03005	68477	01716	81714	85650		222	81615	60216	01002	65577	50710	81620	83626	85650		222	01051	000	+									ro	
Valley	302	71827	84258	05005	78477	01721	81818	83827	87650	302	81833	66808	01605	58427	01716	83814	84626	88460		302	97061	000	pro									pro	
Ringway	334	71814	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

Issued at midday THURSDAY 30 DECEMBER 1976

A complex low over the Norwegian Sea to Spitzbergen has remained almost stationary. A depression about 350 miles south of Iceland has moved slowly southeast to about 100 miles west of Ireland. An associated cold frontal trough has moved into western parts of the British Isles. The increasing southerly airstream over the

British Isles has been preceded by a warm front which now extends across Shetland to North Denmark. During the next 24 hours the depression off Ireland will move slowly northeast and the moist southerly airstream will be maintained over all parts of the British Isles.

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

OBSERVATIONS at 00h. 30 DECEMBER 1976											OBSERVATIONS at 06h. 30 DECEMBER 1976											OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _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 L _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				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	81607	65032	05751	8091/	53718	88462			746	81411	62027	00901	854//	51628	82614	88645			746	97545	56	+	sh		
Hurn	862	71611	62032	05703	655//	00715	83622	86639		862	71615	62032	00804	754//	01730	83614	86623			862	00011	53	+	+		
Thorney Island																										
Manston	797	81716	62021	09451	863//	52612	88707			797	81618	60022	05851	854//	52727	82710	88650			797	00535	53	+	+		
Gatwick	776	81510	50852	07401	884//	51817	82712	86824	88635	776	81610	50208	03002	854//	00730	84712	86622	88650		776	97523	55	ps ₀ so	ps ₀ sh		
Kew	775									775	81307	57205	02802	2562/	50728	82630	88462			775	97526	56	+	doir ₀ ro		
Heathrow	772	71304	56051	07151	45508	52719	82621	84635	87275	772	81308	50237	02601	854//	00729	86616	88628			772	91535	55	sh	ro ₀ so ₀ so ₀ do ₀ ro		
Honington	586	81711	40051	07851	36307	55719	83709	88270		586	81515	48052	04000	853//	51724	85709	88637			586	00533	55	+	+		
Wattisham	590	71512	56052	08452	26402	53715	82712	87075		590	81517	40102	04550	862//	51725	83704	88705			590	97523	54	+	so		
Gorleston	497	31625	64030	09000	35600	51712	83630			497	81822	64022	05602	855//	00720	88627			497							
Aberporth	502	81723	70022	97302	5557/	01835	85625	88360		502	81828	57217	90703	854//	02833	83712	88618			502	03021	00	ro ₀ so	ro ₀ so ₀ ro ₀ ir		
Filton	628	61609	58052	04050	15731	53621	81650	86070		628	71617	65032	98002	25511	51736	82625	84460	86070		628	97515	52	+	ir ₀ so ₀ ro		
Rhoose	715	71614	65012	03203	756//	50720	82630	87656		715	81619	70022	97104	855//	01736	88628			715	97011	00	+	ir ₀			
Hartland Point	703	81818	72022	01503	35608	50722	83646	88275		703	82030	84026	93904	2557/	02738	82627	88460			703	00010	01				
Mount Batten	827	71916	75028	03105	485/2	00718	83822	84656	87070	827	82024	65216	97005	2552/	03637	82622	88458			827	03041	01	+	ir ₀ RrpRSPR		
St. Mawgan	817	71915	70026	01804	25508	51720	82625	87270		817	82118	65216	95105	35407	02735	83614	88270			817	01021	51	ro ₀ ro	r		
Scilly	804	81919	83022	00607	5552/	02724	85620	88458		804	62123	72026	93908	35502	01738	83621	85075			804	94061	03	ir ₀	+		
Culdrose	809	81814	62028	01605	5551/	01722	82620	83635	88460	809	82222	60216	95207	3542/	04837	81710	83615	88556		809	02021	03	ir	irr ₀ ro ₀ rr		
Guernsey	894	81814	62022	06903	853//	00712	83709	88616		894	81717	60032	02103	863//	01725	83706	86708	88650		894	00020	01	+	+		
Elmdon	534	81612	50042	04752	6552/	54621	86628	88465		534	81717	56042	99101	5532/	51632	83708	83625	88462		534	97536	55	+	ro ₀ so		
Cardington	559	81306	58052	06652	25607	53721	82630	88272		559	71314	59056	02501	755//	50625	84625	87656			559	97533	57	ro	ro-ro ₀ so ₀ do		
Wittering	462	81612	50052	06153	30917	55817	83465	88270		462	81617	59022	01350	863//	51724	82706	86707	88709		462	97533	54	+	ro ₀ so		
Watnall	354	81708	60022	04752	8091/	53817	88464			354	81612	62032	99450	863//	51731	88707			354	00523	54	+	+			
Shawbury	414	81607	58042	02700	854//	51718	83618	88626		414	81413	60042	96202	853//	50839	83709	86711	88640		414	00513	53	+	+		
Finningley	360	81611	56042	04252	8091/	53820	88468			360	81712	56042	99351	863//	52630	84707	88709		360	00523	53	+	+			
Spurn Point	396	51721	66031	06252	50910	53714	85460			396	81722	60022	01401	5642/	51731	85712	88460		396					+		
Leeming	257	81415	40042	02451	4577/	53720	84656	85362	88468	257	81414	40042	96952	4637/	54735	84706	85362	88465		257	00536	54	+	+		
Tynemouth	262	82016	61022	01200	8091/	53813	88458			262	51920	66022	96100	50930	52735	85358			262	00526	53	+	+			
Carlisle	222	81713	65022	98001	25777	53719	82650	84360	86465	222	81715	62022	91603	2567/	51740	82645	85360	88462		222	97013	51	+	so ₀ ro ₀ so		
Valley	302	81737	70028	96705	854//	01729	81715	88645		302	81740	60026	88905	854//	02743	81714	83618	88645		302	03032	02	ir ₀	ro ₀ ro ₀ rr		
Ringway	334	81716	58022	02550	2571/	54722	82656	88462		334	81618	60022	96301	3577/	52738	83650	88362		334	00513	52	+	+			
Squires Gate	318	81517	60032	99950	8097/	52724	83360	88462		318	81520	62022	93702	858//	50738	88657			318	97501	52	+		ro ₀ so		
Ronaldsway	204	81831	65216	95404	854//	03824	82711	84716	88656	204	81733	60606	87905	854//	03743	83716	88622		204	18021	02	ir ₀ r	ro ₀ ro ₀ RRS			
Mull of Galloway	131	82156	80636	91404	874//	03723	88715			131	82045	60629	84504	874//	04737	88712			131	02031						
Eskdalemuir	162	81512	60037	97551	854//	54615	82710	88620		162	81616	65022	91300	855//	52636	88625			162	91517	53	+		so ₀ so		
Prestwick	135	81817	59617	93703	853//	02717	82708	85711	86616	135	81625	63616	85803	4542/	01847	82616	83640	88460		135	08021	00	ro ₀ so ₀ ro ₀ rr	ro ₀ ro ₀ ro ₀ so		
Abbotsinch	140	81611	65616	93803	873//	02615	81708	85710	88715	140	81415	70027	86903	854//	01841	81715	83618	88656		140	02021	01	ro ₀ ro ₀ ro ₀ so	ir ₀		
Leuchars	171	81921	75026	95303	855//	50717	82624	88656		171	81616	65027	91102	854//	52731	81712	84630	88650		171	91015					

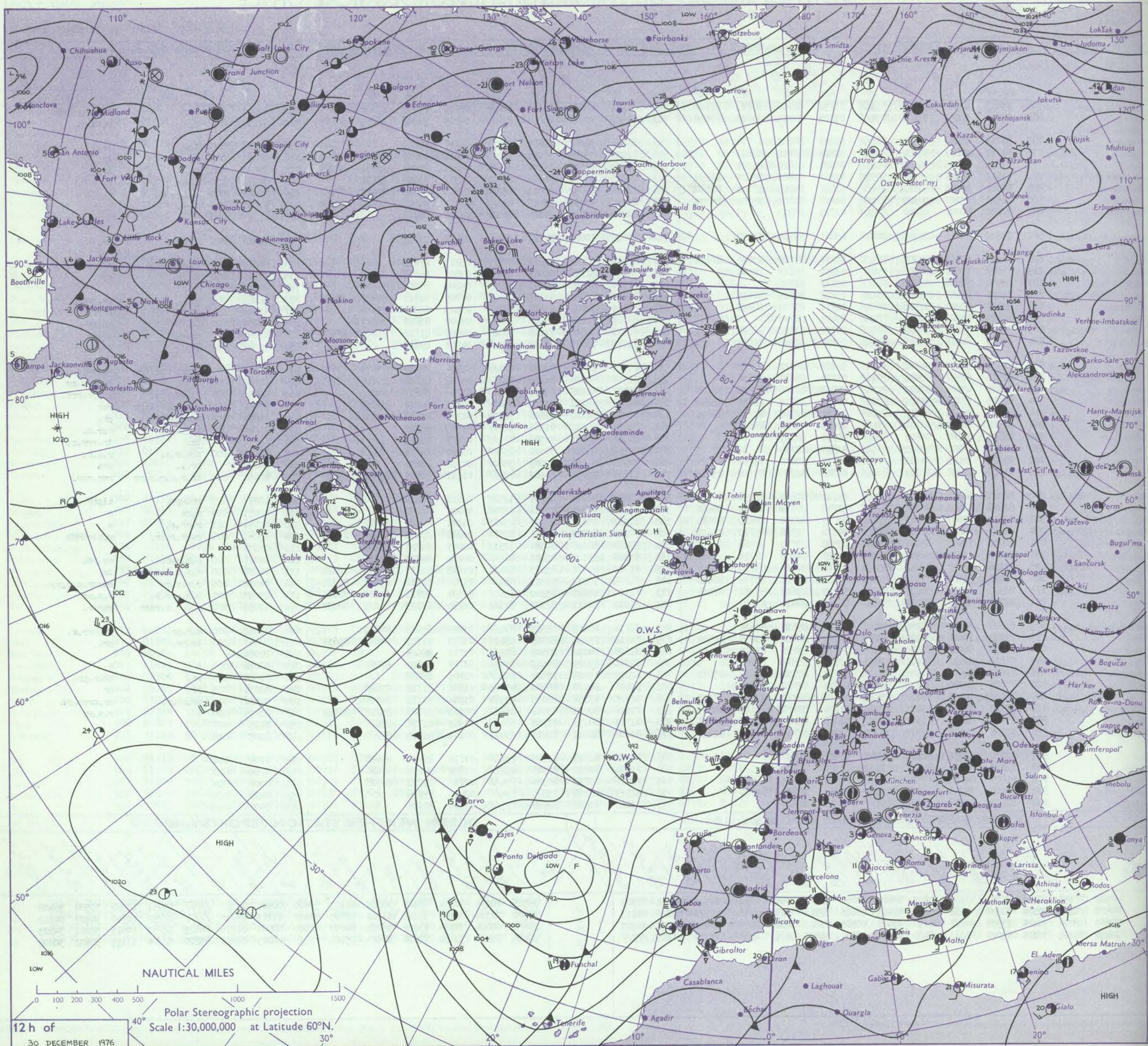
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Date of Issue FRIDAY 31 DECEMBER 1976

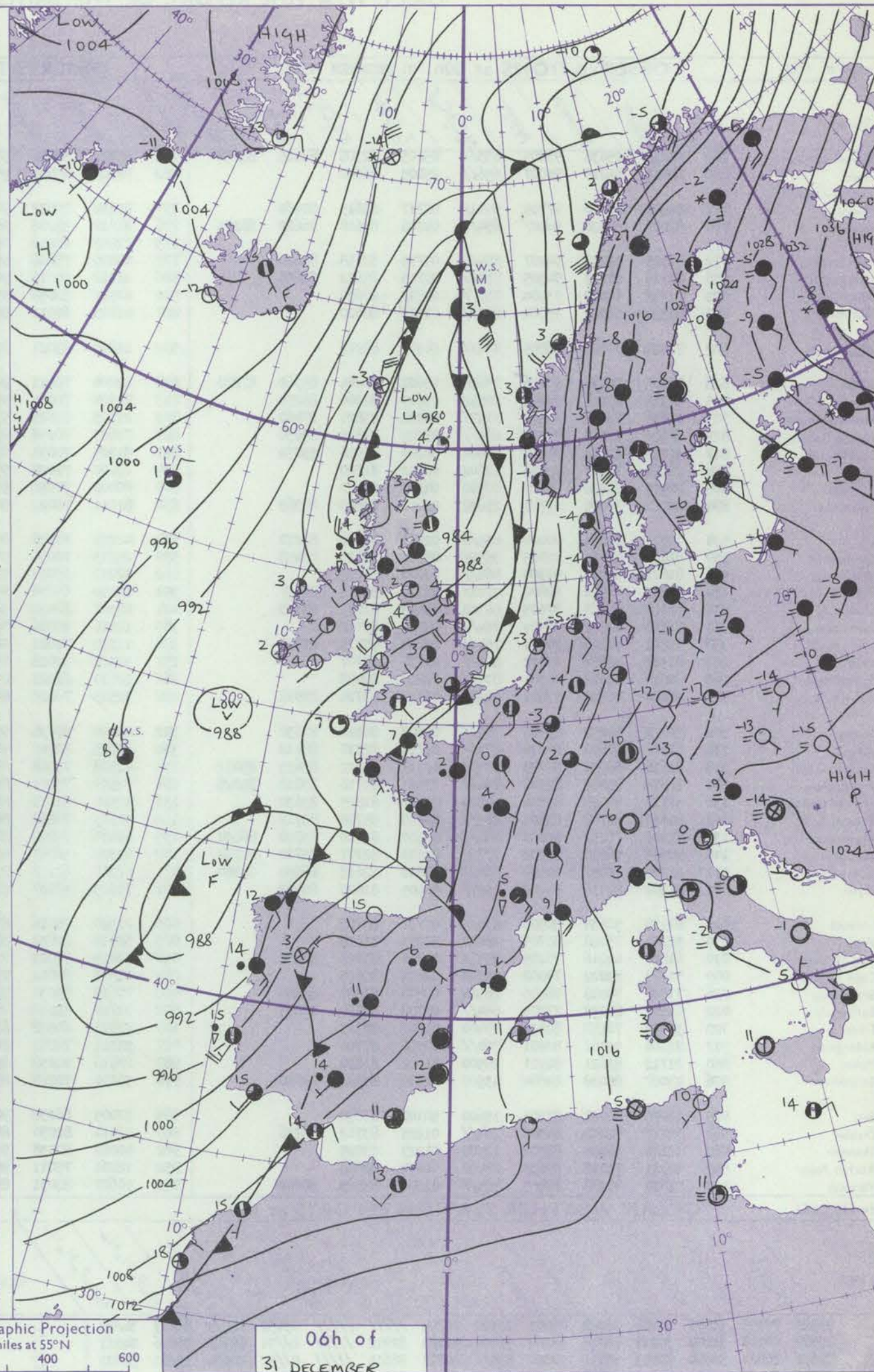
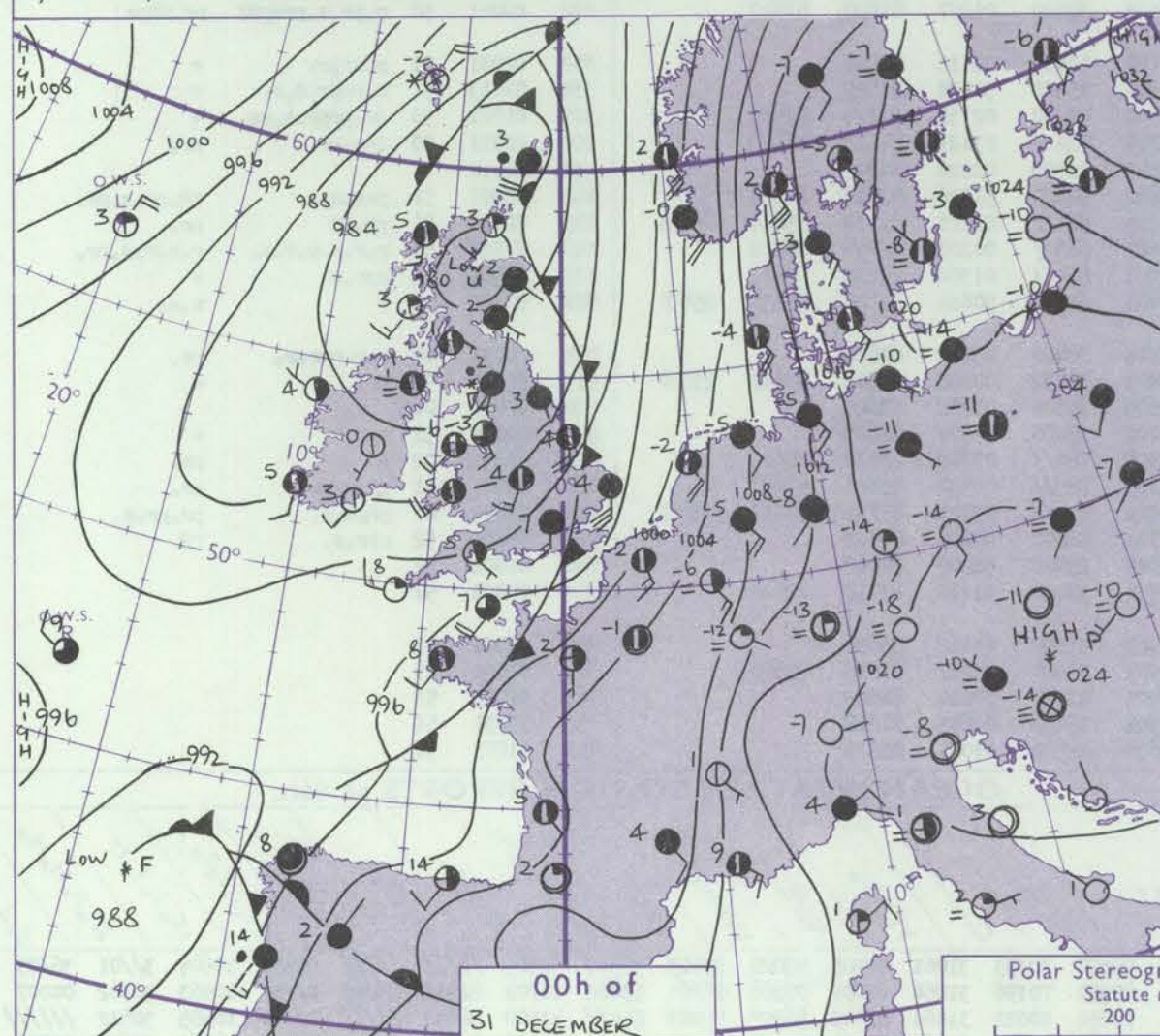
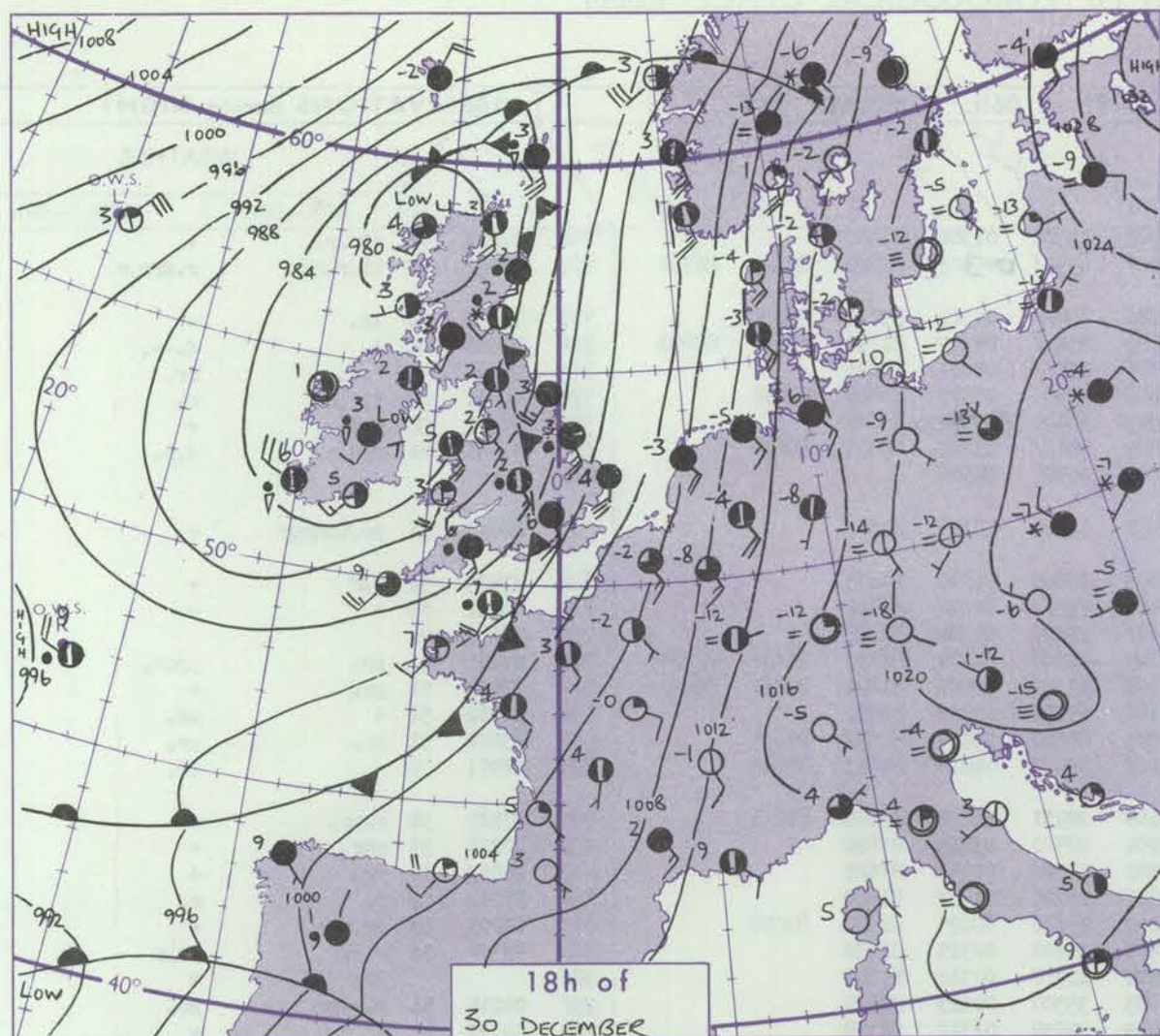
Code FM 21.D		OCEAN WEATHER STATION REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.																
O.W.S.		99L _a L _a L _a	QcLoLoLoLo	YYGG _{iw}	Nddiff	VVwwWW	PPPTT	N _h C _h C _M C _H	D _s V _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w 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	QcLoLoLoLo	YYGG _{iw}	Nddiff	VVwwWW	PPPTT	N _h C _h C _M C _H	D _s V _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 L M R	99527	70355	30121	63307	97158	10603	63400	00204	////	////	05551	10595	30302	05308			C L M R	99527	70355	30181	60109	96858	09103	53460	00608	////	////	05451	10589	30504	36408		
	99570	70198	30124	50330	97268	95804	59463	11006	82912	83815	0//51	10971	31009	04213				99572	70194	30184	30328	97268	96703	39400	11313	83910	////	0//52	10940	30807	04212		
	99650	10023	30124	73314	97227	94150	11478	00605	81815	85460	0//53	10652	30201	34803				99650	10024	30184	73107	98022	94050	78400	00001	81815	86625	0//53	10675	30201	34803		
	99470	70165	30124	43020	98011	96409	48501	00102	84820	////	0//04	11144	30708	////				99469	70168	30184	72920	97601	95108	7358/	00003	82920	85820	0//06	11155	30602	30808		

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

A complex depression to the west of the British Isles has moved slowly north, while the associated cold front has moved east across most districts. During the next 24 hours a weak ridge of high pressure extending from Yugoslavia to northwest France will swing northwards

towards Scotland. Another depression off Portugal will deepen and move northeastwards towards the English Channel, maintaining a southerly airstream over eastern districts and the North Sea.

Issued at midday FRIDAY 31 DECEMBER 1976

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

OBSERVATIONS at 00h. 31 DECEMBER 1976										OBSERVATIONS at 06h. 31 DECEMBER 1976										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	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	VVwww	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 _n E	T _g T _g	WEATHER	
																							21h.--03h.	03h.--09h.
Boscombe Down	746	82013	65638	93805	853//	05605	82708	83615	88650	746	12112	80016	95402	15500	01304	81620			746	03013	53	rRr.r.		+
Hurn	862	62013	65219	94907	656//	05003	86640			862	72108	65606	95607	655//	05303	82620	85625	86360	862	14041	02	tl.r.rRh		r.rRr.r.
Thorney Island																								
Manston	797	81817	62026	97705	554//	02717	85615	88464		797	81914	70032	97306	854//	04301	83710	88614		797	91031	01	lr.		+
Gatwick	776	82017	62026	96007	654//	04708	82618	86622	88275	776	81912	58206	96306	854//	05302	81710	85614	88650	776	91061	04	+		d.-r.
Kew	775									775	72008	62216	95706	751//	04201	87656			775	94051	01	r.r.		rr.
Heathrow	772	81815	62212	94407	854//	04709	82618	88620		772	61806	75216	95606	45531	05305	81620	84657		772	92051	02	r.r.r.		r.
Honington	586	81718	60212	94305	855//	02715	85622	88650		586	31912	60016	94505	36400	35400	83617			586	95031	50	r.d.r.		+
Wattisham	590	71718	60022	95404	751//	01717	87650			590	81911	56056	95305	854//	03302	84612	88616		590	91031	01	r.d.r.		d.r.
Gorleston	497	81830	58022	95904	855//	03715	88620			497	01918	60011	94705	00900	04506				497					
Aberporth	502	72424	75259	86805	734//	04305	87912			502	11810	83021	92502	18400	00209	81815			502	02013	51	pr.tlhrpr		+
Filton	628	72215	70036	91105	15658	03607	81645	85362	87270	628	12004	70021	94403	15600	01310	81635			628	91023	52	r.r		+
Rhoose	715	62319	80016	90906	20948	03603	82360	86270		715	71904	70031	94404	755//	02210	87624			715	00011	53	+		+
Hartland Point	703	72635	78258	90208	5257//	04308	85821	87460		703	21705	82028	93307	22500	04304	82825			703	97031	01			
Mount Batten	827	62520	65038	93109	684//	05202	82818	85630		827	72603	70258	93705	58508	04804	81820	85630	87275	827	01041	51	pr.		prpr.
St. Mawgan	817	32410	82028	93106	11401	04209	81816	83070		817	81905	70031	93204	12577	02807	81825	84361	88275	817	97021	51	pr.		+
Scilly	804	22714	72021	93708	12502	06212	81820			804	20000	72028	93107	25502	05809	82820			804	92062	51	+		pr.
Culdrose	809	42415	70038	93207	00902	04308	84070			809	60000	70258	93304	68500	03804	82822	86635		809	93021	51	pr.		pr.
Guernsey	894	62021	75036	97707	25632	03601	82640	85363		894	81911	78022	96407	884//	04813	81813	88650		894	97071	05	+		lr.
Elmdon	534	71913	81026	90004	655/6	02511	85622	83270		534	42209	83038	93103	20931	50222	82364	83075		534	97523	54	r.pr.		+
Cardington	559	81613	58616	92905	3552//	05810	83625	88458		559	21913	70036	94904	28500	03315	81820			559	09013	53	rRr.		+
Wittering	462	81821	58216	91304	864//	03616	88710			462	12212	65011	93103	15500	01216	81625			462	02013	50	rr.		+
Watnall	354	71813	70016	88804	2747//	03717	82711	87357		354	12210	65016	91603	15700	01233	81650			354	97013	52	r.		r.
Shawbury	414	52109	69268	87603	58300	03613	81709	85628		414	42307	82038	92002	15632	00225	81640	83070		414	01003	53	pr.prs		+
Finningley	360	71810	82012	88504	764//	03720	87712			360	12210	88016	90503	15700	00325	81650			360	93504	53	r.r.		lr.r
Spurn Point	396	71821	60216	90504	754//	03717	84715	87621		396	12320	72021	90604	10970	02312	81360			396			lr.		+
Leeming	257	81511	40682	87002	863//	01717	88707			257	32418	82018	87903	35500	00223	83625			257	01014	51	r.s.pr.		pr.
Tynemouth	262	81818	61022	86304	8092//	02816	88458			262	22610	69021	85703	20930	01312	82358			262	00023	51	+		+
Carlisle	222	81804	40846	83802	894//	01720	83714	88918		222	32515	70028	86502	38500	01227	81820	83643		222	09021	50	r.pr.s.prspr		pr.pRpr
Valley	302	72221	80259	83906	785//	03503	84820	87634		302	42220	80038	90706	41400	03116	84818			302	02031	01	phrspr.		+
Ringway	334	81916	50696	87204	874//	01717	82710	88712		334	11708	82028	91902	15500	51138	81625			334	01013	51	r.rspr.d.r.		+
Squires Gate	318	61616	68251	84703	38532	02717	81822	83635	85072	318	42518	75018	89804	48500	02138	82824	83635		318	01021	50	pr.prs.s.rs		+
Ronaldsway	204	72514	80039	82306	794//	02511	82916	83818	85825	204	72519	75801	88705	724//	03127	84813	86828		204	01031	00	l-r.-r		pr.
Mull of Galloway	131	32712	83019	81804	34500	02508	81825	83630		131	12520	84010	86603	12500	02220	81825			131	04011				
Eskdalemuir	162	81510	30708	83301	873//	50819	85708	88712		162	52113	70267	85601	58400	51326	83818	84630		162	03007	51	pss.s.s		ph.pr.s.ps.
Prestwick	135	71106	75252	81601	784//	01620	81618	83820	86634	135	82415	70258	84304	884//	02221	81710	85814	86625	135	02011	51	pr.pr		pr.
Abbotsinch	140	80505	56616	82302	7732//	01814	82707	85710	86714	140	61302	56047	83501	663//	00203	82706	86712		140	02503	53	r.r.r.s.r.s.		r.s.r.s.pr.
Leuchars	171	81206	75037	84102	6542//	01806	82618	86650	88460	171	82309	62117	82501	854//	01302	82710	88612		171	01503	53	rsr.s.		+
Dyce	091	81202	80036	84402	1557//	50105	81625	88462		091	73503	57107	81401	65372	50614	81708	83635	85650	091	92505	52	+		r.s.
Lerwick	005	81928	50638	80503	873//	03731	88708			005	21920	75016	81704	28400										