

# THE DAILY WEATHER REPORT

(INTRODUCTION)



1st January to 31st March, 1971

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE  
Bracknell, Berkshire



## I. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code (FM 21D) 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 11 D—Land Stations									
N dd ff	VV ww W	PPP TT	Nh CL h CM CH	Td Td a pp	8Ns C hshs	RRT <sub>x</sub> T <sub>x</sub> E RRT <sub>n</sub> T <sub>n</sub> E	sss T <sub>g</sub> T <sub>g</sub>		
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	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 <i>t<sub>r</sub></i> .	Nh = Fraction of celestial dome covered by CL (or CM if no CL). CL = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). CM = Form of Medium Cloud (Table 7). CH = Form of high cloud (Table 8).	Td Td = 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 Td Td 9 P <sub>24</sub> P <sub>24</sub> , where P <sub>24</sub> P <sub>24</sub> gives the 24-hour pressure changes (Table 21).	8 = Indicator figure. Ns = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). hshs = Height of base of cloud (Table 12).	RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h). T <sub>x</sub> T <sub>x</sub> = Maximum temperature in whole degrees Celsius (09h–21h). T <sub>n</sub> T <sub>n</sub> = Minimum temperature in whole degrees Celsius (21h–09h).	T <sub>g</sub> T <sub>g</sub> = 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 21 D—Ships									
99L <sub>a</sub> L <sub>a</sub> L <sub>a</sub>	QcL <sub>o</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub>	YYGGi <sub>w</sub>	D <sub>s</sub> v <sub>s</sub> a pp	O T <sub>s</sub> T <sub>s</sub> T <sub>d</sub> T <sub>d</sub>	I T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> t <sub>r</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>		
99 = Indicator group. L <sub>a</sub> L <sub>a</sub> L <sub>a</sub> = Latitude in tenths of a degree.	Qc = Quadrant of the globe (Table 17). L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> = Longitude in tenths of a degree.	YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i <sub>w</sub> = Wind indicator (Table 18).						D <sub>s</sub> = Direction of movement of ship (Table 14). v <sub>s</sub> = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	O = Indicator figure. T <sub>s</sub> T <sub>s</sub> = Difference between air temperature and sea temperature in ½ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T <sub>d</sub> T <sub>d</sub> = Dew point temperature in whole degrees Celsius.

Table 1.—Code for Cloud Amount (N, Nh, Na) (Code 2700)

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 (Code 0877)

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

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

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

## 2. FORM OF PRESENTATION (continued)

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

## 3. NOTES

- Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.
- Temperature.**—On pages 1 and 4 temperature is specified in whole degrees Celsius, negative temperatures being coded by removing the minus sign and adding 50. Equivalent values in degrees Fahrenheit can be obtained by reference to the table printed between these pages. See also note under PPP TT in para. 4 below.
- Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, the adjusted reading is published in brackets thus (59).
- Rainfall Readings in Eire.**—The rainfall totals for stations in Eire are for the periods 18h–06h, reported at 0900h. 06h–18h, reported at 2100h.
- Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map. An introduction to weather forecasting" (Fourth edition, Second impression 1959), which may be purchased from H.M. Stationery Office, 49 High Holborn, London, W.C.1, price 13s. 6d. post free.

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



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

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

† Tornado cloud or water spout.

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

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

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

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

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

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

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

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

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

Note 1.—If there is no cloud at all code figure 9 is reported.  
Note 2.—If there is fog, and the sky is discernible through the fog, the cloud form, height and amount are reported as if no fog were present. If the sky is not discernible through the fog the height of the base of the cloud is reckoned as 0.  
Note 3.—Height above ground of the base of cloud. If there is cloud of Form CL reported, h refers to this cloud. If, however, there is no cloud of Form CL and there is cloud of Form CM h refers to this cloud.



<b>Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)</b>		<b>Table 11.—Code for Type of Cloud (C) (Code 0500)</b>		<b>Table 12.—Code for Height of Cloud (h<sub>1</sub>h<sub>2</sub>) (Code 1677)</b>	
0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs ago.		0 = Cirrus (Ci).		Code figures 01–50: × 30 = height in metres. Code figures 56–80: — 50 × 3 = height in hundreds of metres.	
1 = Increasing, then steady; or increasing, then increasing more slowly.		1 = Cirrocumulus (Cc).		CODE FIGURES 81–89	
2 = Increasing (steadily or unsteadily).		2 = Cirrostratus (Cs).		Code figures 90–99*	
3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.		3 = Altcumulus (Ac).		Code figures 81 = 10,500	
4 = Steady, atmospheric pressure the same as 3 hrs ago.		4 = Altostratus (As).		82 = 12,000	
5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.		5 = Nimbostratus (Ns).		83 = 13,500	
6 = Decreasing, then steady; or decreasing, then decreasing more slowly.		6 = Stratocumulus (Sc).		84 = 15,000	
7 = Decreasing (steadily or unsteadily).		7 = Stratus (St).		85 = 16,500	
8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.		8 = Cumulus (Cu).		86 = 18,000	
		9 = Cumulonimbus (Cb).		87 = 19,500	
		/ = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.		88 = 21,000	
				89 = >21,000	
				*Only used when cloud height cannot be determined with greater accuracy.	
				<b>Table 13.—Code for State of Ground (E) (Code 0900)</b>	
				0 ... Ground dry.	
				1 ... " moist.	
				2 ... " wet.	
				3 ... " frozen.	
				4 ... Glaze or ice on ground but no snow or melting snow.	
				5 ... Snow or melting snow (with or without ice) covering less than one half of ground.	
				6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).	
				7 ... Snow or melting snow (with or without ice) covering ground completely.	
				8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).	
				9 ... Loose dry snow, dust or sand covering ground completely.	
<b>Table 14.—Code for Direction in which Ship has moved (D<sub>s</sub>) (Code 0700)</b>		<b>Table 15.—Code for Speed of Ship (v<sub>s</sub>) (Code 4451)</b>		<b>Table 16.—Code for Period of Waves (P<sub>w</sub>) (Code 3155)</b>	
0 = Stationary.		kt		sec	
1 = North-east.		0 = 0		0 = 10	
2 = East.		1 = 1–5		1 = 11	
3 = South-east.		2 = 6–10		2 = 12	
4 = South.		3 = 11–15		3 = 13	
5 = South-west.		4 = 16–20		4 = 14 or more	
6 = West.		5 = 21–25		5 = 5 or less	
7 = North-west.		6 = 26–30		6 = 6	
8 = North.		7 = 31–35		7 = 7	
9 = No definite direction or unknown.		8 = 36–40		8 = 8	
		9 = >40		9 = 9	
				</	



COLD AND DRY BECOMING UNSETTLED

A gradual breakdown of the North Atlantic block of late December occurred between 1st and 5th. An anticyclone south of Iceland declined southeastwards towards Ireland on 1st, and from 2nd-4th a slack pressure field was maintained over much of Britain. Pressure fell further on 5th, and frontal troughs associated with a large low complex in mid-Atlantic advanced northeastwards across the country by 6th, establishing a mild, southwesterly flow over all parts. This airstream dominated the country from 7th-10th, with minor troughs embedded in it, between high pressure on the Continent and low pressure extending from the central Atlantic to the Norwegian Sea. The gradient backed southerly on 11th, associated with a northward ridging of the continental anticyclone into Scandinavia, backing further too south-easterly by 14th. A shallow trough drifted northeastwards over southern England on 15th, but a changeable southwesterly type was re-established generally from 16th-20th as another deep low complex in mid-Atlantic drifted eastwards towards the country. From 20th-27th a cyclonic, disturbed type affected Britain, accompanying the displacement south of 50°N of a strong westerly jet-stream in the east Atlantic. On 20th and 21st an intense depression moved slowly up the English Channel, and from 23rd-26th a broad zone of low pressure lay from the central Atlantic to Scandinavia, with vigorous centres tracking quickly northeastwards across Scotland, carrying their associated active frontal systems across all parts of the country. A low complex covered Britain from 26th-28th, later filling in situ as a vigorous development off Portugal on 29th troughed markedly northeast into the North Sea, and established a strong northeasterly flow over most of Britain by 31st.

From the 1st to the 5th, it was cold with frost at night. The temperature fell to -10C(14F) at East Hoathly and Peckham and Doddington the night 2/3, and -11C(12F) at Crawford John night 3/4. Fog formed in Northern Ireland on the 1st and over England on the 2nd. The fog became widespread and was persistent in places, particularly on the 3rd and 4th, and in these foggy areas the maximum was restricted to -3C(27F). The fog cleared on the 5th but temperatures in the east remained below

freezing. Occasional rain, preceded by freezing rain and snow spread slowly east on the 6th and 7th, and temperatures rose to 13C(55F) in the west as milder air followed the rain. From the 8th to the 10th there was some occasional rain, mostly light. Southerly winds were strong to gale force in the west, Mull of Galloway on the afternoon of the 9th reported a mean speed of 55KT with a gust to 70KT. It was very mild and many places equalled previous highest January maxima. New highs were reached on the 10th at Aber and Llandudno 18C(65F), Manchester Weather Centre and Kinloss 15C(59F). Glenmore Lodge (Cairngorms) 1070ft A.S.L., had a maximum of 16C (61F) on the 9th. On the 11th as the wind became east to southeast, temperatures generally returned to near normal. Fog occurred in central and eastern areas from the 11th to the 14th. There was also rain or drizzle at times and slight frost occurred in eastern areas at night. From the 15th to the 28th the weather was unsettled with areas of rain and showers moving across the United Kingdom from the west. Winds were generally south or southwesterly reaching gale force in exposed western areas, a gust to 78KTS was recorded at Hartland Point on the evening of the 25th. Also on the 25th, a waterspout was observed off the Isle of Wight and in southeast London whirlwinds caused structural damage to property. Temperatures during this period were generally above normal, and frost when it occurred was largely confined to eastern Scotland. England and Wales became mostly dry on the 29th, but rain or showers continued in Scotland and Northern Ireland. On the 30th and 31st rain, with sleet and snow in places, mostly in the west and north, affected England and Wales, while Scotland and Northern Ireland had a mixture of sunny periods and showers. Temperatures throughout the country were above normal. Rainfall was above average in the Midlands and southwest England, generally below elsewhere. Northern Ireland and parts of northern England had more sunshine than normal, elsewhere was rather dull and at Aberdeen and Ross on Wye it was the dullest January on record.

PLACE	TEMPERATURE										SUNSHINE								RAINFALL														Days with fog (Vis. $\leq$ 200 metres at 09 h.)
	Mean maximum  °C	Difference from average	Mean minimum  °C	Difference from average	Highest maximum  °C	Date	Lowest minimum  °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration  hrs.	Date Date	Total for month  hrs.	% of average	Highest and lowest totals on record for month					Days of no rainfall (0-1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.)	Date	Total for month  mm.	% of average	Highest and lowest totals on record for month							
																First year of record	Highest  hrs.	Year	Lowest  hrs.	Year						First year of record	Highest  mm.	Year	Lowest  mm.	Year			
Kew	07.5	+1.2	03.0	+1.6	13.7	10	-06.1	02	13	08	12	05.7	299	046	100	1880	082	1952	015	1885	12	08	23	068	124	1866	127	1877	11	(a)	01	01	02
Thorney Island	07.7	+0.6	03.1	+1.0	11.2	23	-06.6	04	11	05	09	05.5	(a) 052	081	1958	103	1959	036	1969	15	11	23	079	104	1941	133	1943	14	1963	00	04	00	
Gorleston	06.3	-0.1	02.5	+0.4	10.4	23	-05.4	05	12	06	13	06.1	244	035	065	1908	093	1959	027	1915	12	19	23	061	109	1915	142	1939	18	1933	00	02	06
Cardington	06.9	+1.0	02.2	+1.5	13.7	10	-05.2	(a)	12	08	11	05.9	244	040	078	1954	079	1965	033	1969	12	13	23	083	185	1953	092	1956	17	1967	00	03	03
Boscombe Down	06.6	+0.6	02.1	+0.9	12.0	10	-07.8	04	11	07	17	06.2	100	032	057	1933	092	1959	027	1955	11	17	20	120	162	1931	158	1943	09	1950	00	05	03
Ross-on-Wye	06.9	+0.5	03.0	+1.0	14.4	10	-04.9	05	13	07	14	06.1	100	026*	048	1915	096	1952	027	1960	09	16	20	125	169	1859	161	1943	07	1898	00	02	01
Rhoose	07.1	+0.4	03.3	+0.7	11.6	(b)	-03.3	01	08	04	13	07.0	100	027	048	1955	085	1959	026	1964	10	14	07	139*	143	1955	126	1969	19	1964	00	03	02
Mount Batten	08.7	+0.5	05.3	+1.2	12.6	10	-03.9	01	07	04	06	06.0	100	048	080	1921	094	1963	025	1966	08	29	21	159	145	1949	209	1969	21	1963	01	02	00
Elmdon	06.5	+0.9	01.9	+1.0	13.0	10	-07.6	03	13	08	17	06.4	100	040	091	1928	094	1952	017	1960	12	15	22	088	138	1933	131	1960	14	1950	00	04	00
Valley	08.2	+0.8	04.4	+0.7	14.8*	11	-01.0	04	12	02	12	06.6	111	045	078	1913	102	1933	029	1914	12	08	21	061	067	1946	195	1948	19	1963	00	01	00
Ringway	06.7	+1.0	02.6	+1.5	13.9	10	-09.1	04	10	06	15	06.0	200	048	141	1946	071	1959	011	1953	15	09	22	055	072	1929	170	1948	11	1963	00	02	00
Watnall	06.2	+0.9	02.2	+1.1	12.7	10	-06.1	05	14	07	18	05.1	244	031	070	1949	074	1952	020	1961	10	15	22	086	126	1946	149	1948	17	1964	00	02	08
Finningley	06.8	+1.1	01.8	+0.9	13.6	09	-08.2	03	12	08	11	06.5	244	046	115	1958	071	1962	023	1969	16	08	26	045	088	1958	116	1960	15	1964	00	02	01
Tynemouth	06.4	+0.5	03.1	+0.9	13.9	10	-03.9	05	12	05	18	05.3	199	031	072	1937	094	1959	006	1942	18	16	28	064	108	1864	170	1948	06	1905	00	01	02
Eskdalemuir	05.0	+1.2	00.7	+1.6	11.0	10	-10.3	01	17	11	19	05.0	331	019	043	1910	096	1959	012	1913	08	22	06	118	061	1910	390	1928	43	1941	00	08	00
Abbotsinch	06.6	+1.2	02.3	+1.5	12.7	10	-06.8	01	15	10	16	05.1	111	023	066	1921	060	1967	009	1940	09	17	09	088	075	1921	241	1928	18	1963	00	03	01
Leuchars	06.5	+1.1	02.0	+1.3	12.5	09	-04.6	04	21	10	15	05.9	033	043	084	1922	101	1959	021	1942	15	07	20	044	070	1922	124	1928	12	1953	00	04	01
Dyce	06.2	+1.3	01.6	+1.8	11.8	(c)	-06.1	04	20	11	20	04.1	146	017*	031	1925	089	1959	019	1942	16	22	21	069	086	1946	157	1969	20	1964	00	06	00
Stornoway	07.5	+1.2	03.3	+0.9	12.1	(d)	-03.5	31	16	04	17	03.7	244	023	066	1881	066	1963	012	1907	08	17	09	107	101	1943	195	1962	26	1963	00	02	00
Aldergrove	07.4	+1.4	02.9	+1.4	13.2	08	-05.1	30	16	06	11	05.9	111	057	127	1927	082	1959	024	1944	10	13	20	052	054	1927	143	1942	31	1935	00	03	00

(a) 03, 05 (b) 08, 09 (c) 09, 10 (d) 09, 11  
\* New highest

(a) 05, 111  
\* New lowest

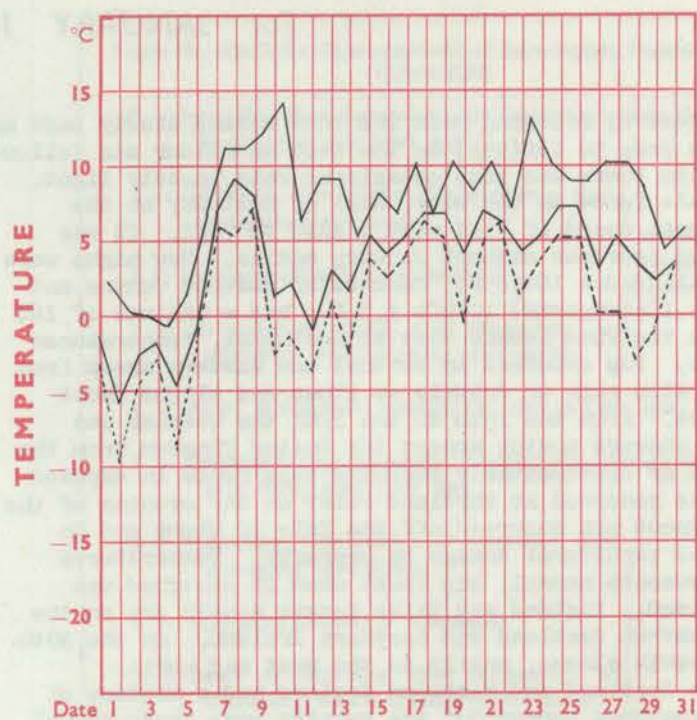
(a)	1880, 1892	* New highest
-----	------------	---------------

Corrections to MONTHLY SUMMARY No.180 December 1970  
DYCE:- Days with snow or rain and snow 08  
Days with fog 00

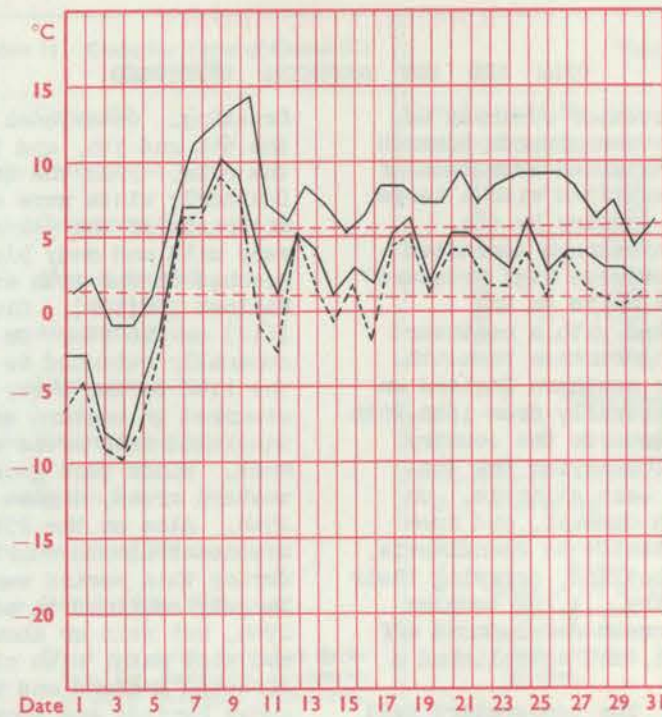
RHOOSE:- Mean maximum 07.0, Difference from average +0.6



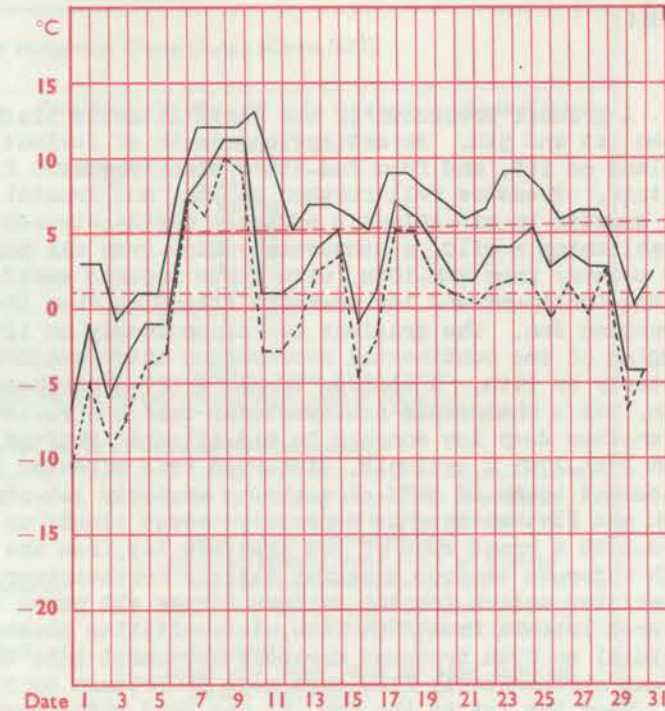
# LONDON (Kew)



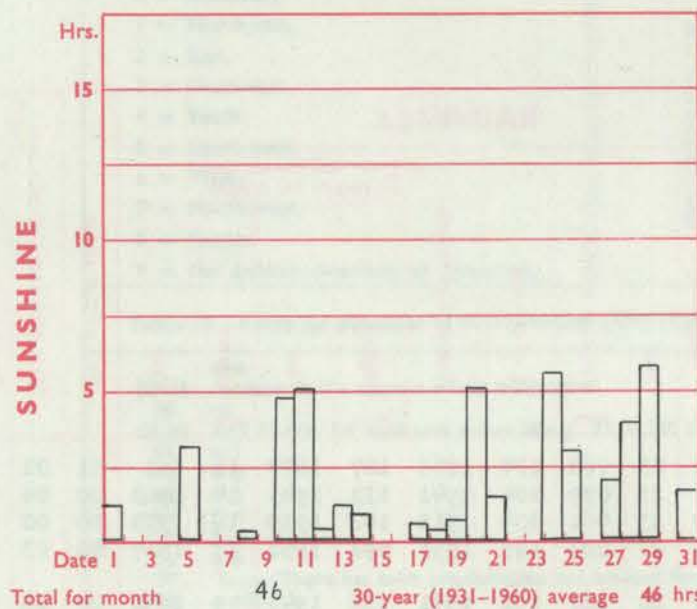
# MANCHESTER (Ringway)



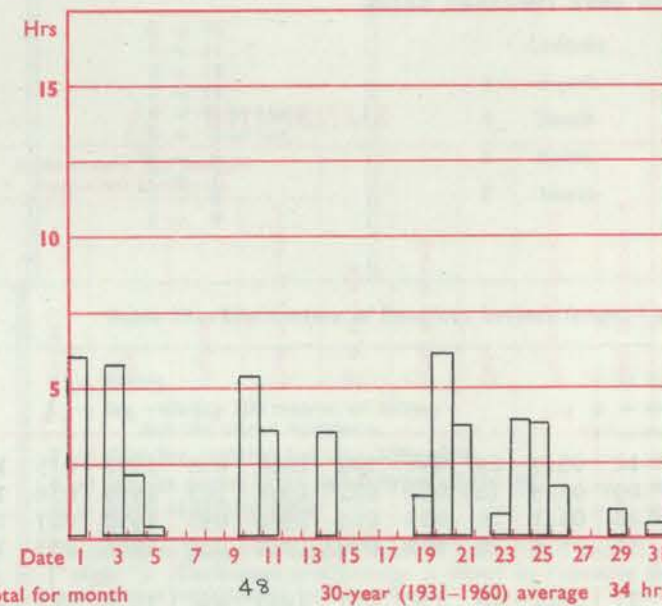
# GLASGOW (Abbotsinch)



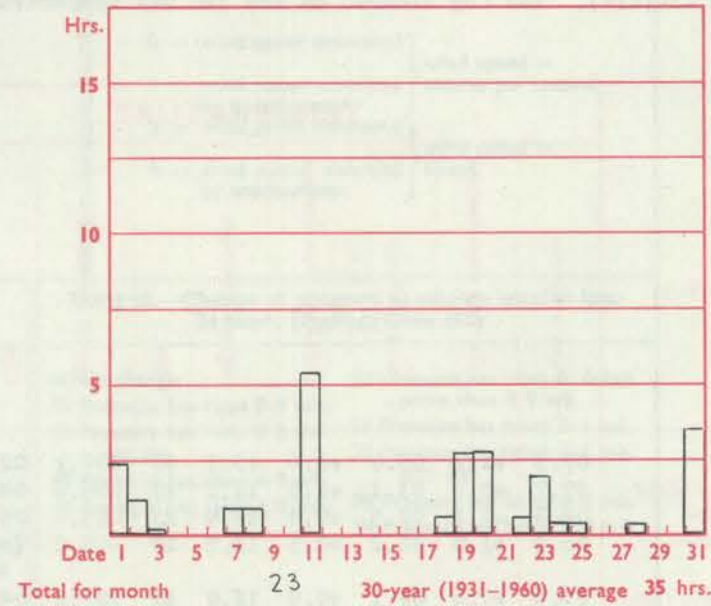
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines. Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1931-1960)



Total for month 46 30-year (1931-1960) average 46 hrs.

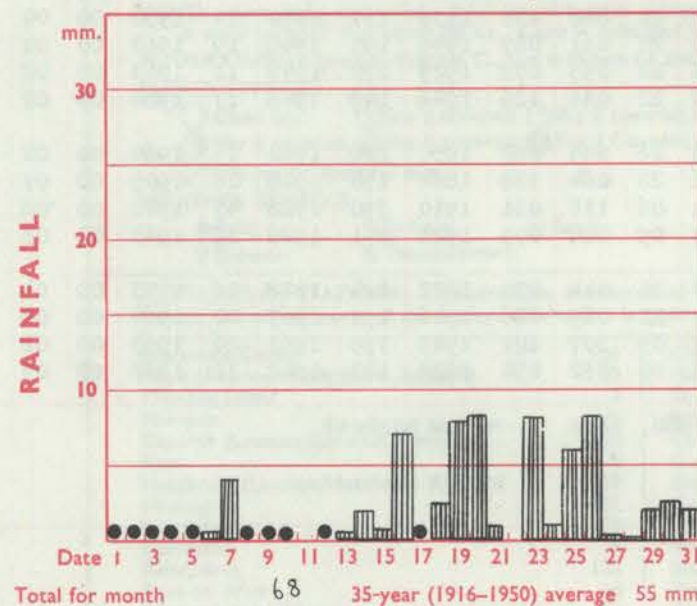


Total for month 48 30-year (1931-1960) average 34 hrs.

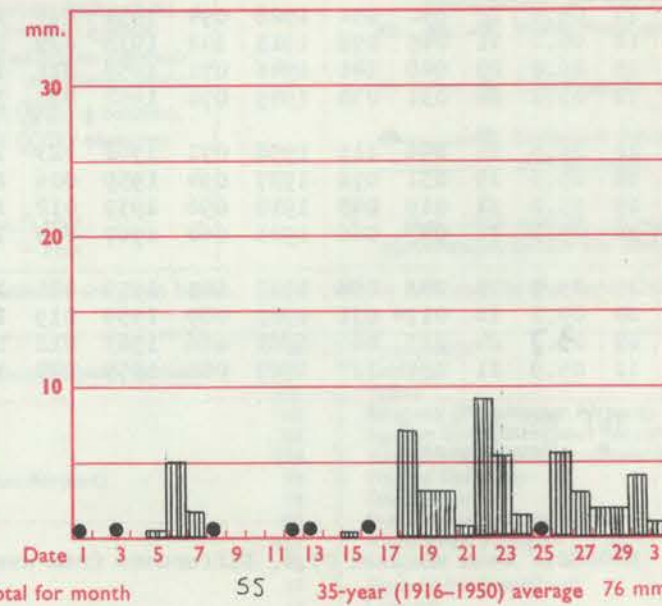


Total for month 23 30-year (1931-1960) average 35 hrs.

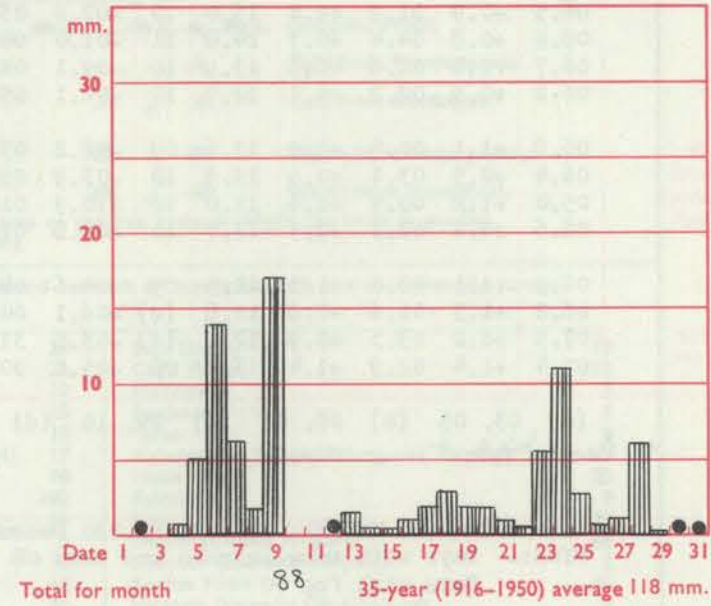
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0.05 mm) is indicated by "●"



Total for month 68 35-year (1916-1950) average 55 mm.



Total for month 55 35-year (1916-1950) average 76 mm.



Total for month 88 35-year (1916-1950) average 118 mm.

RATES OF SUBSCRIPTION: Single copy 5d. or post free 7d.; one year 7/-: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG 12 2 SZ

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



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

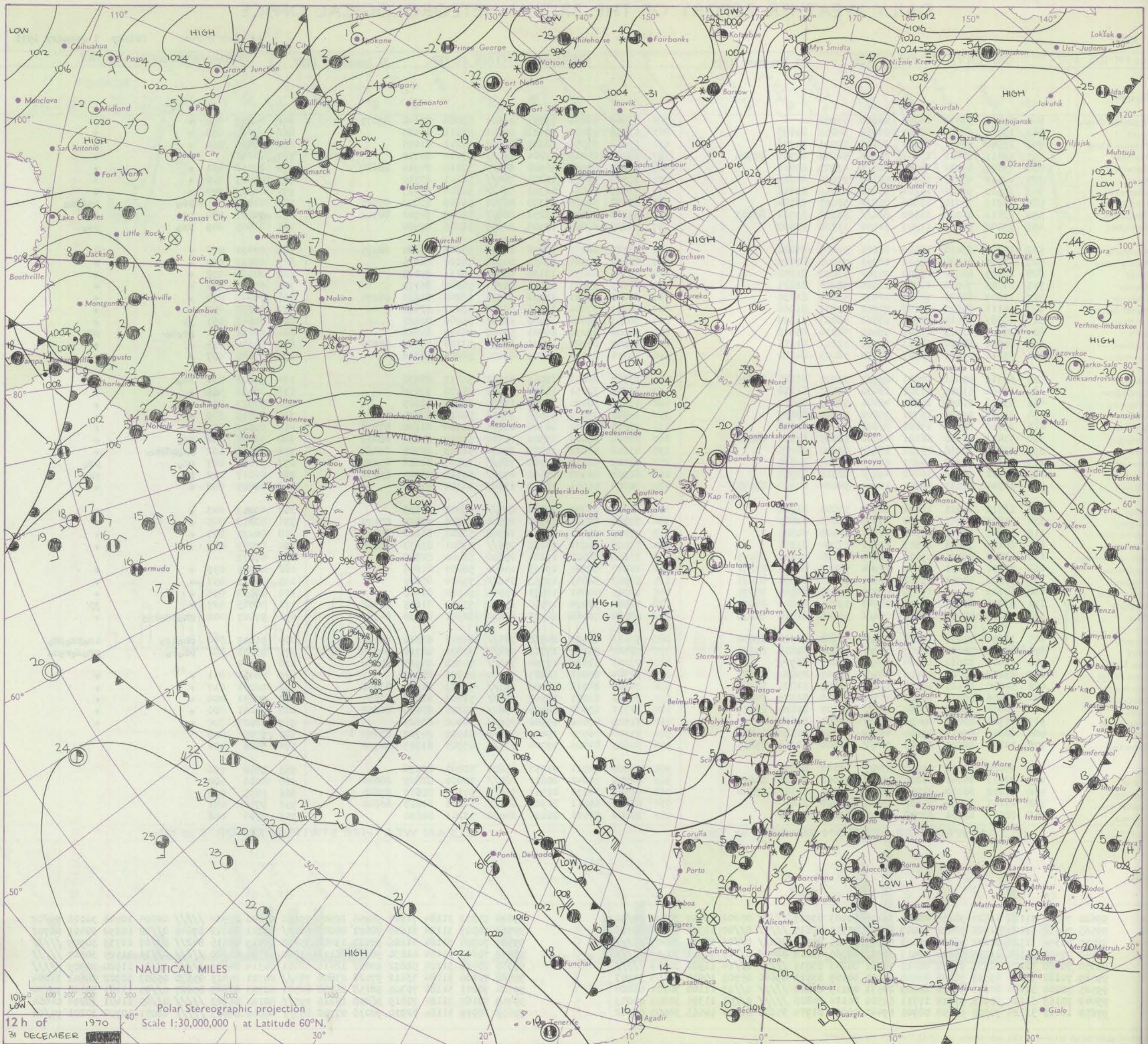
No. 39852

Date of Issue Friday 1 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY			
		31 December 1970										31 December 1970													
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT x x	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	03411	59050	16350	00900	53002				746	33508	56050	17251	15601	53008	81640	83075		746	00017	056	+			
Hurn	862	13514	68030	16101	00901	54801	81075			862	13106	58050	17052	00901	55011	81085			862	00025	068	+	+		
Thorney Island	871	13508	61051	15701	16400	52001	81716			871	13613	57050	16300	00901	52211	81075			871	00025	061	+	+		
Manston	797	73415	62022	13001	762//	51002	82704	87706		797	63417	60012	14201	663//	50110	86706			797	00016		+	+		
Gatwick	776	73306	59022	15050	764//	53003	87711			776	63405	45051	15900	654//	52110	84714	86620		776	00016	001	+	+		
Kew	775	43511	48051	14901	42400	53000	84815			775	73508	56051	16201	764//	52211	87710			775	00023	020	+	+		
Heathrow	772	33510	58021	15101	35400	53001	83616			772	73509	45051	16301	764//	52214	87713			772	00023	050	+	+		
Honington	586	73213	58018	13800	762//	51005	87704			586	63210	56028	15350	66200	51209	83703	85705		586	01017		ps <sub>so</sub>	psf <sub>ps</sub> so		
Wattisham	590	83412	48028	13650	861//	51104	83702	88703		590	83312	37102	15251	860//	51309	84701	88702		590	97017	000	ps <sub>so</sub>	+		
Gorleston	497	53208	60038	11903	52500	51400	85820			497	30325	60028	13503	33500	51216	83920			497	01045	049	ps <sub>so</sub>	ps <sub>so</sub>		
Aberporth	502	10205	83010	18602	18501	52005	81820			502	63310	86021	19002	18502	54302	81820	86075		502	00031	060	+	+		
Ross-on-Wye	627	13506	81020	17502	00901	55400	81075			627	23002	77020	18451	00901	54107	82075			627	00023	069	+	+		
Filton	628	20209	66020	17202	15701	53003	81650			628	73505	62051	18100	00904	54111	87075			628	00033	072	+	+		
Rhoose	715	13305	70020	17703	11501	54204	81825			715	62505	75021	18851	00901	55207	86075			715	00033	072	+	+		
Chivenor	707	13607	82020	18404	12631	53002	81830			707	60000	80021	18902	14636	53208	81630	86275		707	00043	070	+	+		
Mount Batten	827	10111	56040	18103	00902	55001	81068			827	20109	37040	18801	00902	53208	82070			827	00033	057	+	+		
St. Mawgan	817	10507	78010	19003	18601	53003	81830			817	30307	82020	19500	28501	55206	82825			817	00043	065	jp	+		
Scilly	804	30704	81028	19305	39401	52216	83918			804	50306	82038	19904	58400	00107	84818			804	92061	031	pro <sub>so</sub>	pro		
Culdrose	809	10000	80010	18903	19430	51002	81916			809	60000	80021	19401	684//	53108	83816	86626		809	00040	054	+	+		
Guernsey	894	43611	81021	16303	42500	52003	84820			894	60111	81032	16803	62400	52208	86818			894	00035	037	+	+		
Elmdon	534	63311	45041	17001	685/1	53001	81825	86645		534	23309	24047	18051	00902	54111	82072			534	97013	031	1s <sub>so</sub>	+		
Cardington	559	13406	59051	15301	18430	52002	81710			559	33306	32051	16800	00901	51210	83070			559	00023	044	+	+		
Wittering	462	43412	62261	15501	48401	52205	84817			462	13311	58021	16600	15500	52208	81625			462	97023	041	ps <sub>so</sub>	+		
Watnall	354	33513	59030	16701	35600	51205	82635			354	43304	37040	17550	35501	52210	83625			354	00015	049	+	+		
Shawbury	414	23410	58040	17801	25601	53001	82640			414	73308	56041	18300	15601	53104	81640	87075		414	00023	053	+	+		
Finningley	360	43413	65268	16101	43500	51005	82920	84650		360	63408	59011	17301	35702	51210	83650	86075		360	91035	045	ps <sub>so</sub>	+		
Kilnsea	396	83515	10868	15301	864//	01008	88715			396	43212	48018	15400	29570	51203	82925	83360		396	02037	032	ps <sub>so</sub> ps <sub>pho</sub>	+		
Leeming	257	43313	74268	16801	28441	51004	81818			257	73409	58268	17901	784//	52308	82816	87620		257	91026	027	ps <sub>so</sub>	ps <sub>so</sub>		
Tynemouth	262	42912	58028	16800	435//	00310	84925			262	62908	61028	17400	635//	50104	83925	86635		262	01017	012	ps	ps		
Carlisle	222	32504	62031	18851	15604	54004	81635	83075		222	30000	56041	18852	15542	54302	81625			222	00025	048	+	+		
Valley	302	23510	85021	19104	28500	53003	81820			302	60305	83031	19400	655//	53002	86628			302	00053	043	+	+		
Ringway	334	23602	28041	18000	28500	54106	82825			334	73204	20041	18550	25501	54206	82624	87070		334	00013	045	+	+		
Squires Gate	318	13507	56040	18502	18501	54108	81820			318	43205	28041	18601	18508	52203	81822	84273		318	00033	057	+	+		
Ronaldsway	204	20104	70040	19603	11501	57104	81827			204	73505	84021	19201	756//	53801	83633	86646		204	00043	048	+	+		
Mull of Galloway	131	53515	88031	19403	15606	55104	81640	85075		131	23608	86020	19101	25600	58400	82640			131	00033		+	+		
Eskdalemuir	162	73511	83031	18550	10944	54003	81362	87072		162	10000	80021	19455	15600	58207	81645			162	00016	039	+	+		
Prestwick	135	51402	40041	19951	11601	53104	81830	85075		135	50903	50041	19353	556//	55400	85635			135	00023	057	+	+		
Abbotsinch	140	62103	57041	19750	15602	53103	81645	85075		140	12305	40041	19553	15600	56400	81640			140	00033	058	+	+		
Leuchars	171	63008	85031	18301	28542	53205	81820	86075		171	42508	86031	17900	15630	52003	81645	84362		171	00023	027	+	jp		
Dyce	091	73214	50708	17701	754//	51106	81710	86630		091	43010	70018	16901	25630	52501	82634	84360		091	97027	002	pho <sub>ps</sub> 1s <sub>so</sub>	+		
Lerwick	005	73006	74278	16201	783//	52803	81708	87630		005	73411	80027	14700	784//	51706	83812	84630		005	91017	000	pho <sub>so</sub> 1s <sub>so</sub>	1s <sub>so</sub> ps <sub>so</sub> pho		
Wick	075	72906	82022	18203	784//	52802	82818	87630		075	72504	65278													

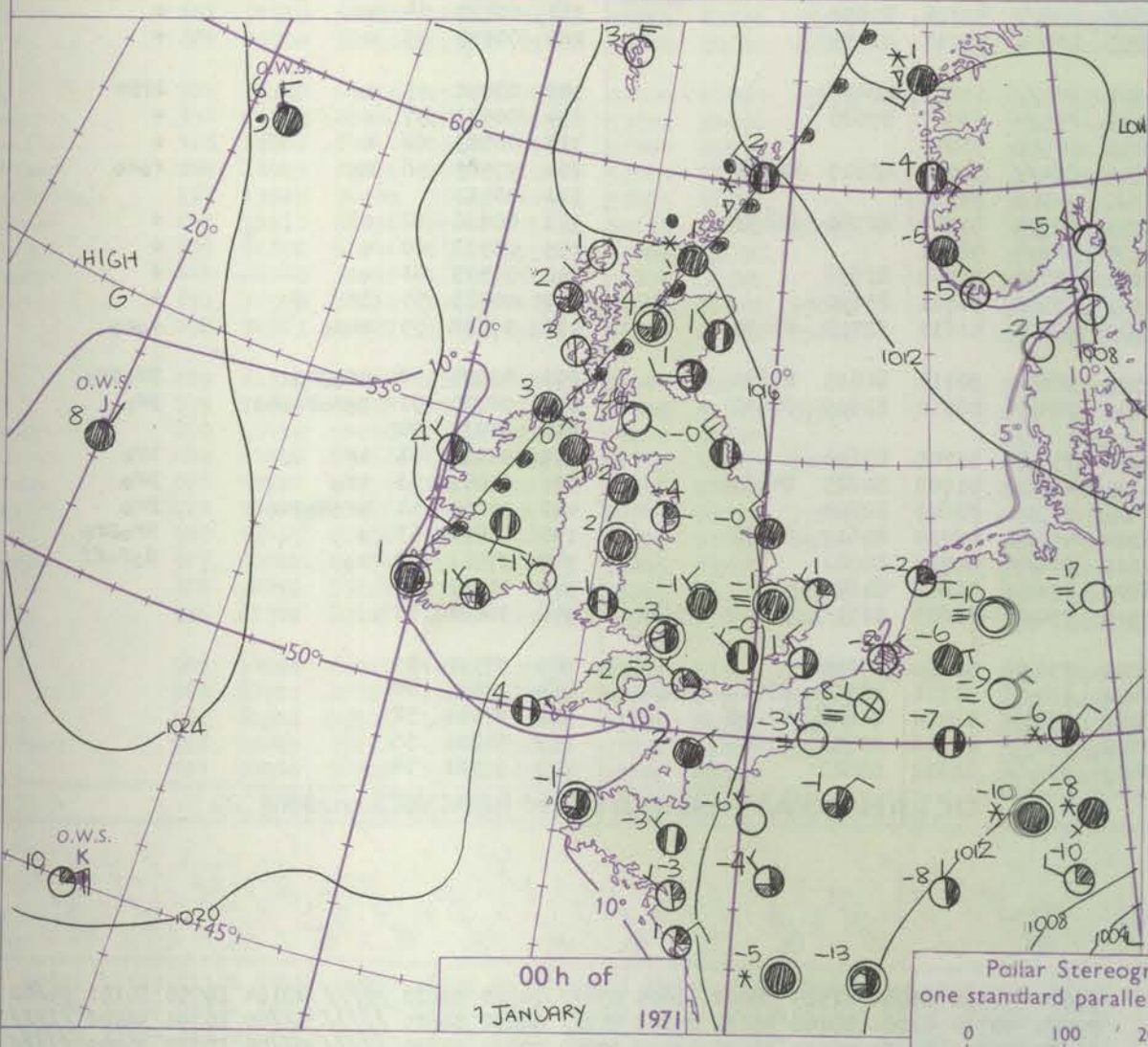
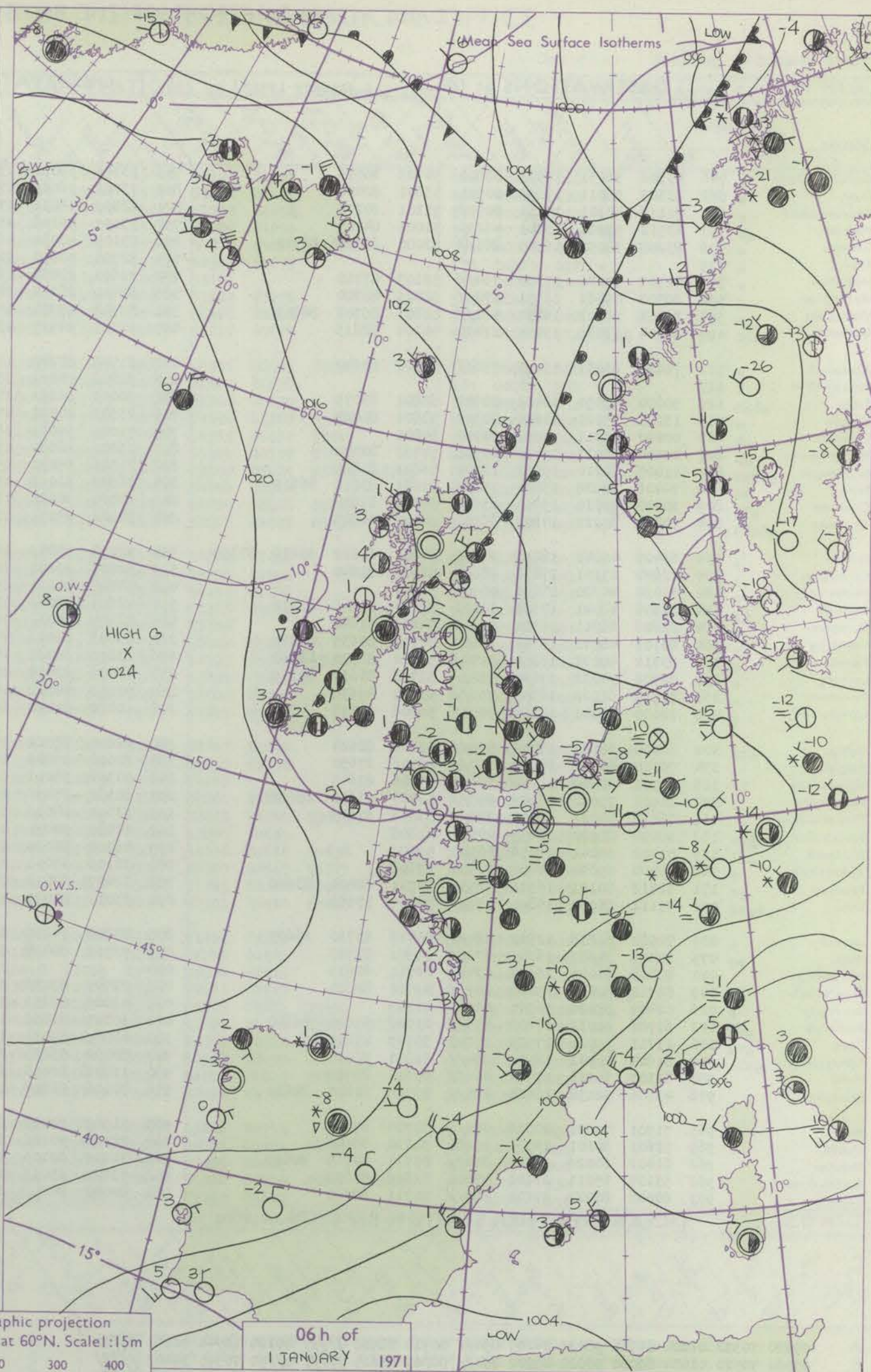
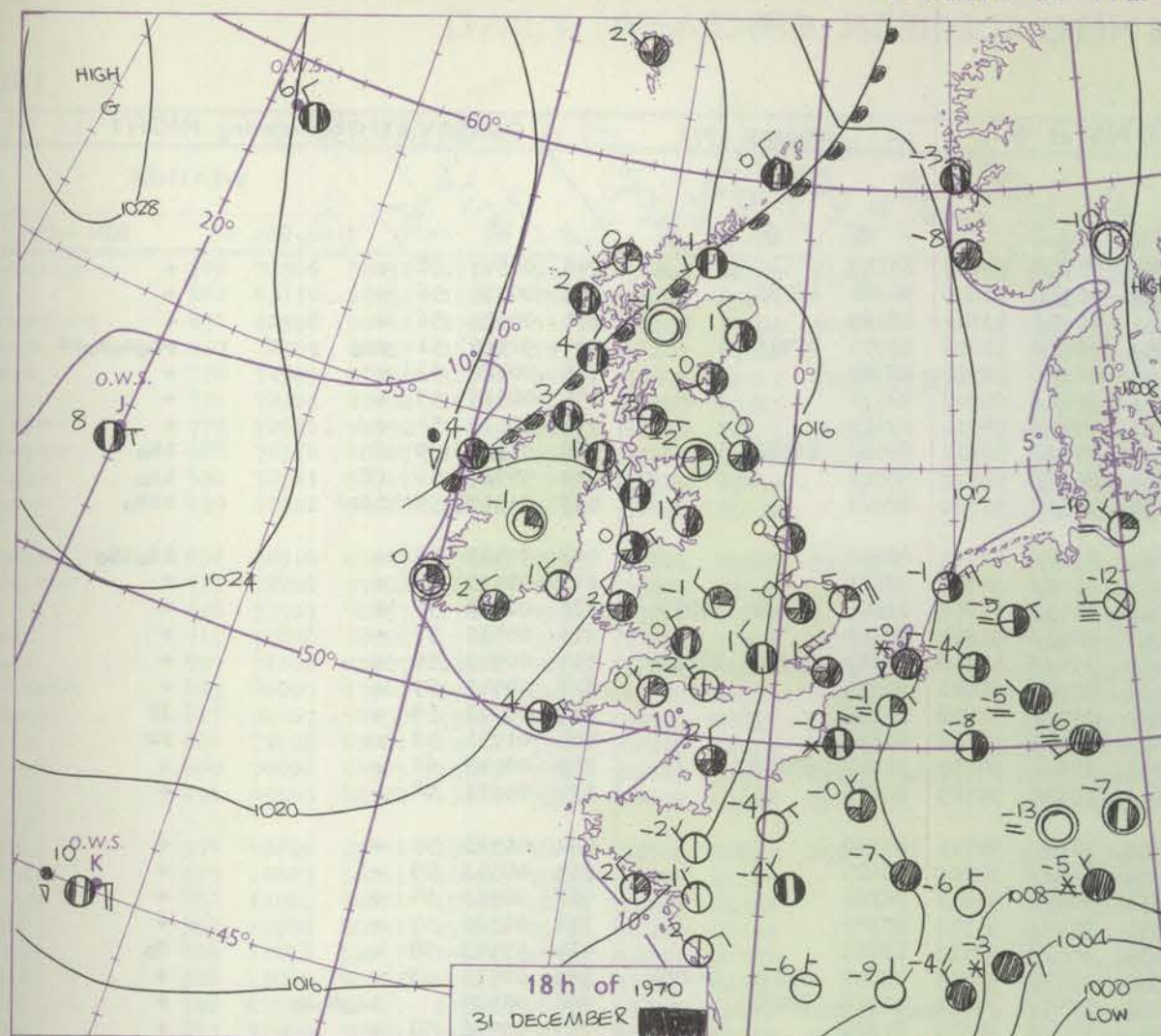


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

## GENERAL SYNOPSIS DEVELOPMENT

The anticyclone to the west of the British Isles has moved slowly southeast and declined a little. The complex low extending from eastern Europe to the western Mediterranean persists. Another small depression between Jan Mayen and Norway has moved slowly southwards. During the next 24 hours the anticyclone is

expected to continue its slow decline and minor troughs are expected to move southwards, along its eastern flank, down the North Sea. Otherwise little change is expected in the situation in the region of the British Isles.

Issued at midday Friday 1

January 1971



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

Code FM II.D		OBSERVATIONS at 00h.										1 January 1971										OBSERVATIONS at 06h.										1 January 1971										OBSERVATIONS during NIGHT									
Station		iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RRT T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER																												
																								21h.—03h.	03h.—09h.																										
Boscombe Down		746	63506	56051	17953	00901	54702	86075			746	83305	59052	17153	80957	54709	88359				746	00547	60	+	+																										
Hurn		862	23305	58011	17653	00901	55801	82070			862	73002	56021	17453	40931	54606	84360	86070			862	00535	56	+	+																										
Thorney Island		871	70112	40101	17151	00908	51101	87270			871	82803	48051	17151	80977	53604	88363			871	00525	56	+	+																											
Manston		797	43511	59261	15501	46200	51001	84705			797	73107	56108	15351	76277	51606	83705	87706			797	92516	51	ps <sub>so</sub>	ps <sub>so</sub> so <sub>so</sub> ss																										
Gatwick		776	83208	38052	16900	86377	52000	82708	88710		776	83105	40052	16451	86377	52708	88707			776	00526	53	+	+																											
Kew		775									775	82704	40052	16351	86477	53707	88714			775	00513	53	+	+																											
Heathrow		772	72903	57021	17350	76477	52103	87710			772	72603	27052	16552	75477	54710	87617			772	00523	54	+	+																											
Honington		586	80000	09481	16351	87077	52305	88700			586	82810	28224	14651	85477	52612	84710	88632			586	94557	59	f	1s <sub>so</sub>																										
Wattisham		590	83404	20102	16151	86177	51803	85702	88703		590	82908	19704	14851	86277	52712	88704			590	95527	54	ff	1s <sub>so</sub>																											
Gorleston		497	22904	62038	15001	21400	54204	82815			497	82307	24717	13000	85577	51721	88620			497	01517	55	1sss	sss <sub>so</sub>																											
Aberporth		502	71203	83031	19151	75677	54000	87640			502	81903	80222	17601	85677	52711	88632			502	97523	55	+	1s <sub>so</sub> 1d <sub>so</sub>																											
Ross-on-Wye		627									627	82102	70021	17353	85577	54710	88625			627	00533	57	+	+																											
Filton		628	50000	56051	18453	00901	55801	85075			628	70000	56051	17652	35631	55608	83645	86360	87075	628	00533	58	+	+																											
Rhoose		715	13203	75021	18651	00901	55801	81080			715	73303	80021	17852	70937	56807	87360			715	00533	57	+	+																											
Chivenor		707	00000	58011	19052	00900	54802				707	71005	59031	18753	75477	55706	81617	83630	87650	707	00543	59	+	+																											
Mount Batten		827	20000	66021	19152	00901	54702	82072			827	23201	66030	19053	00901	54606	82075			827	00543	59	+	+																											
St. Mawgan		817	11005	82010	19953	18502	56801	81825			817	71506	69031	19352	75777	53808	87650			817	00543	59	+	JP																											
Scilly		804	70406	82038	19804	78477	01601	83818	86625		804	33508	81018	19005	38400	02804	82818			804	01031	53	pr	pr																											
Culdrose		809	10000	78010	19951	15600	54303	81630			809	30000	80030	19551	38400	54703	81818	83625			809	00543	62	+	+																										
Guernsey		894	50209	30022	17602	58500	52400	84825			894	20306	75011	17601	28500	53503	82825			894	00011	04	+	+																											
Elmdon		534	83405	45041	18251	45537	54802	81622	83636	87359	534	72703	50042	16551	70937	54711	87359			534	00523	55	+	+																											
Cardington		559	22904	23101	17452	25600	52400	82640			559	82806	23101	16152	85677	53709	88635			559	00553	59	+	+																											
Wittering		462	03010	40020	16851	00900	53804				462	62807	40031	15351	60977	53612	86360			462	00523	54	+	+																											
Watnall		354	52906	48041	17551	15601	53704	81640	85072		354	72601	48042	15951	70977	53713	87362			354	00525	57	+	+																											
Shawbury		414	22806	66011	18351	15601	54803	81640			414	82609	74031	16151	85577	52716	88625			414	97543	58	+	s <sub>so</sub>																											
Finningley		360	83107	48042	16701	35607	52709	83635	88275		360	63005	61012	14950	15738	53713	81650	84361	86271	360	00515	53	+	+																											
Kilnsea		396	83312	48032	16350	29527	51602	82925	88460		396	83215	66027	14151	13477	54715	81916	88460			396	95527		1s <sub>so</sub> so <sub>so</sub>	+																										
Leeming		257	72908	74032	17100	15657	51706	81630	87359		257	13006	82012	15251	15700	54613	81650			257	00536	58	+	+																											
Tynemouth		262	72915	61022	16350	75677	53812	87635			262	72818	74022	14852	75677	53714	87635			262	00527	54	+	+																											
Carlisle		222	10000	40041	18254	00901	56806	81075			222	10000	32040	16857	00901	59710	81075			222	00575	59	+	+																											
Valley		302	80000	82021	18802	85577	52806	88624			302	82810	82012	16604	85577	01815	88626			302	03041	55	+	irpr																											
Ringway		334	70000	20041	18152	75777	53706	87650			334	70000	25042	16152	75577	53715	87620			334	00533	57	+	+																											
Squires Gate		318	30901	30040	18154	35600	55706	83645			318	00306	58011	16053	00900	55811				318	00553	60	+	+																											
Ronaldsway		204	81902	75032	18302	85577	52707	81620	88626		204	80302	75236	16801	85477	51706	83617	88621			204	97523	56	r <sub>so</sub>	r <sub>so</sub> so																										
Mull of Galloway		131	73614	84021	18101	75677	53808	87645			131	03610	84010	16751	00900	54710				131	00513																														
Eskdalemuir		162	00000	80020	18659	00900	61808				162	60000	80031	17259	20934	61609	82360	86073			162	00606	62	+	+																										
Prestwick		135	01302	58041	18456	00900	58607				135	01202	68020	17057	00900	58711				135	00573	60	+	+																											
Abbotsinch		140	00000	25040	18456	00900	57608				140	32106	45041	16955	35730	57609	83656			140	00573	61	+	+																											
Leuchars		171	52712	80151	16501	48530	54711	82820	83645		171	32407	82011	14501	35700	54711	83650			171	00513	55	JP	+																											
Dyce		091	73111	81031	15801	75677	53709	87630			091	63015	81037	13801	68400	51611	82713	86630			091	97537	55	shs <sub>so</sub>	d <sub>so</sub> so																										
Lerwick		005	72910	66838	12502	78477	00717	83710	86635		005	53208	74258	10502	58400	50711	81815	85635			005	03005	52	ps <sub>so</sub> pro	ps <sub>so</sub> pro																										
Wick		075	82405	34687	16601	87277	01501	88703			075	72712	80027	14001	75477	00712	83615	87630			075	02005	51	r <sub>so</sub> soProso	Pro																										
Sule Skerry		010	83405	81026	15604	83477	02711	88915			010										010	91031	00																												
Cape Wrath		049	82712	82032	15005	85577	02710	88620			049	72705	83036	14703	75577	51709	87620			049	93031	01	ir	ir <sub>so</sub>																											
Stornoway		026	02409	84021	16901	00900	01709				026	43006	82251	16001	48500	01708	81825	84630			026	97003	53	ir <sub>so</sub>	pro																										
Benbecula		022	61706	81031	17602	65577	01708	81625	86640		022	30107	81038	16803	38500	02607	82820			022	97011	51	ProsoPro	pro																											
Tiree		100	11711	89021	17903	15600	50709	81640			100	42009	89011	16304	45400	02714	81617	83622			100	97011	53	+	ir <sub>so</sub> Pro																										
Aldergrove		917	81604	28041	18900	85477	51807	88617			917	80000	56206	17101	86177	00710	88702			917	97511	52	r <sub>so</sub>	dof-ff																											
Malin		980	81307	75216	17703	86477	03611	88717			980	11808	80010	16801	15600	01607	81640			980	01011	51																													
Belmullet		976	43006	82038	18604	48577	03708	81820	84632		976	70106	66808	17503	73477	03605	81716	84920	85632			976	96021	51																											
Birr		965	71901	70021	20000	75677	51714	87635			965	71902	70022	18001	75677	50610	87635			965	97511	57																													
Dublin		969	52603	60101	19551	55600	51710	85640			969	72506	70268	17402	78477	51711	82711	83820	86630			969	97523	54																											
Shannon		962	81402	60026	20102	85477	00711	83715	88625		962	71202	60105	18002	75577	01712	84828	87645			962	97011	52																												
Roches Point		952	53107	65011	21101	55600	51806	85630			952	73102	65016	18702	75477	01716	83713	87640			952	94001	55																												
Valentia		953	80000	80021	21101	85777	51711	88650			953	80000	80258	19403	82577	01612	88823			953	97511	54																													
Code FM II.D		OCEAN WEATHER STATION REPORTS at 00h.										OCEAN WEATHER STATION REPORTS at 06h.																																							
O.W.S.		99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	Q <sub>CL</sub> o <sub>Lo</sub> LoLoLo	YYGGiw	Nddff	VVwwWW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>S</sub> v <sub>S</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	OT <sub>S</sub> T <sub>S</sub> T <sub>d</sub> T <sub>d</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T	3P <sub>w</sub> P <sub>w&lt;/</sub>																																					

RATES of SUBSCRIPTION: Single copy 9d (4p) or post free 1/- (5p); one calendar month 22/- (£1.10); one quarter 60/- (£3); one year 215/- (£10.75); by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

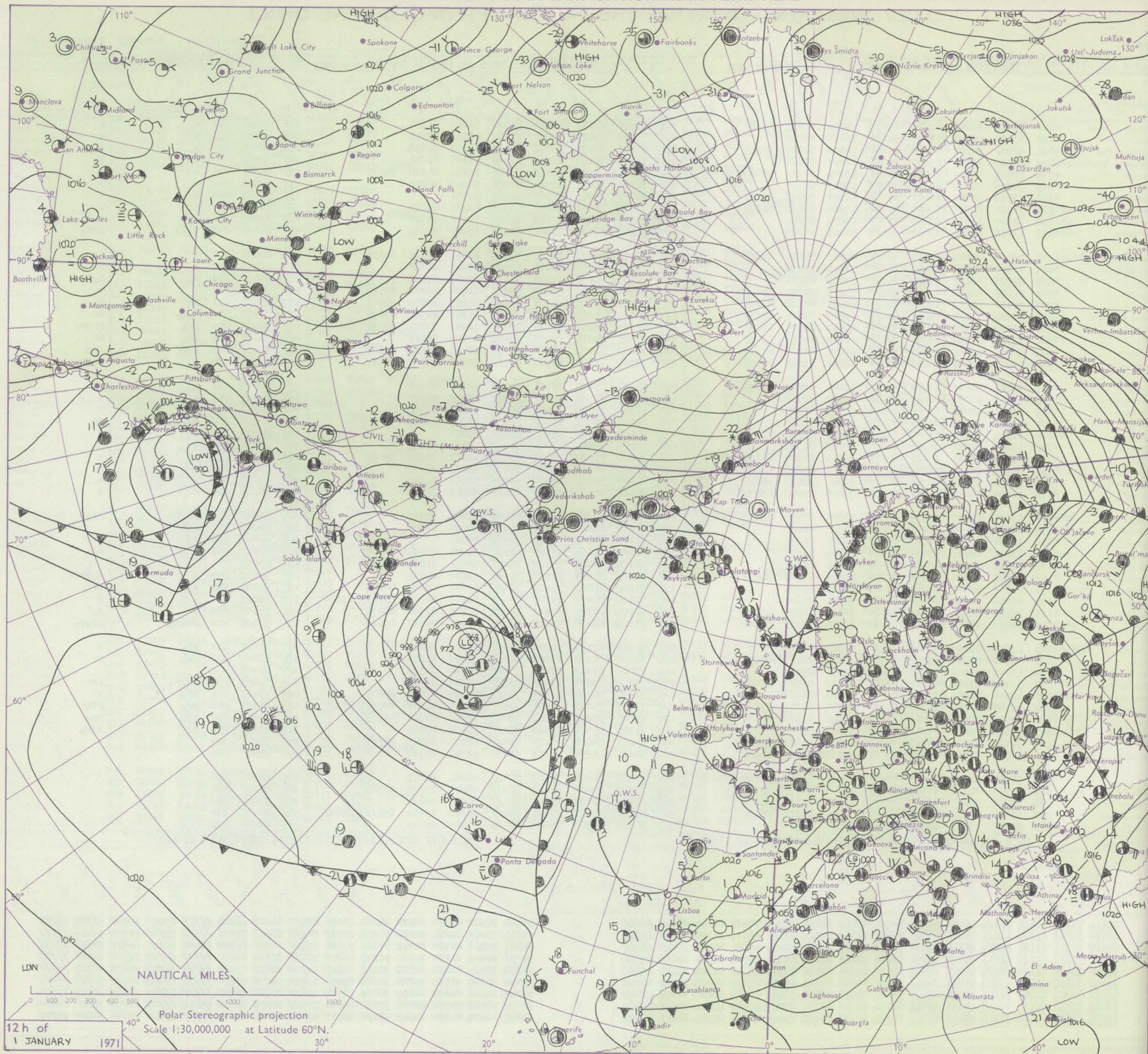
No. 39853

Date of Issue Saturday 2 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
Station		ill	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	RRT x E	SSS	WEATHER								
																								09h.—15h.	15h.—21h.						
104	Boscombe Down	746	72906	58052	17301	25631	54806	82635	85360		746	12905	48051	17351	15600	52103	81630			746	00001	012	+	+							
102	Hurn	862	43110	56051	17402	35631	55810	83645			862	52903	60011	17501	55700	53001	85650			862	00035	022	+	+							
100	Thorney Island	871	62908	50052	17800	15630	52803	81645	84364		871	63004	37051	17602	656//	52203	86636			871	00035	017	+	+							
99	Manston	797	72909	24057	15300	757//	52807	87656			797	13006	30107	15500	15700	51304	81650			797	97016		s <sub>o</sub>	s <sub>o</sub>							
97	Gatwick	776	72505	40052	16700	3543//	53805	81712	83630	87359	776	62505	56051	16852	65500	54202	84620	84630		776	00016	014	+	+							
95	Kew	775	72306	32042	16101	7083//	52807	87357			775	12504	25041	16400	00901	52303	81075			775	00023	012	+	+							
93	Heathrow	772	72610	50052	16401	2563//	52807	82636	87358		772	02705	35051	16500	00900	53101			772	00023	014	+	+								
91	Honington	586	72914	48027	14450	756//	53804	83632	86650		586	32710	32051	14851	00902	53102	83070			586	00017		+	+							
90	Wattisham	590	72911	56017	14350	757//	53809	87650			590	12709	40051	15153	15400	55105	81618			590	00007	020	+	+							
88	Gorleston	497	62912	58018	12401	65500	52400	86625			497	72908	48038	13601	755//	55211	87625			497	01016	012	s <sub>o</sub> pS	pSs <sub>o</sub>							
86	Aberporth	502	72510	80025	17405	785//	01806	85825	87635		502	72710	80022	16805	785//	03301	82825	87638		502	00051	000	+	+							
84	Ross-on-Wye	627	72202	77022	16801	756//	52808	87630			627	12401	48051	16901	15600	00101	81630			627	00023	001	+	f							
82	Filton	628	72507	40057	17202	756//	53808	87640			628	72504	40056	17302	756//	50203	87635			628	97031	002	s <sub>o</sub>	rodo							
81	Rhoose	715	72806	68022	17701	785//	53808	81820	87645		715	72708	65022	17203	785//	01001	81820	87647		715	00031	001	+	+							
79	Chivenor	707	71106	48227	18600	785//	52804	81820	87635		707	70805	62205	18301	756//	50303	81630	87645		707	95026	001	sh	do							
77	Mount Batten	827	80000	13041	19301	855//	53804	81625	88640		827	70000	22057	18902	754//	01301	82710	87630		827	97021	001	roSo	do							
75	St. Mawgan	817	72107	74258	19603	785//	00803	82825	86645		817	72107	66258	19103	785//	02302	83820	83630	86645	817	01051	004	pro	prpro							
73	Silly	804	73102	81021	19906	784//	01002	84818	87623		804	42707	74018	19005	48400	04400	84818			804	92061	006	pro	pr							
72	Culdrose	809	70000	64505	19903	784//	01001	81710	83818	86627	809	70000	82022	18804	5843//	02704	82818	85625		809	92051	013	ido	iro							
70	Guernsey	894	73507	82022	18803	785//	51000	85825	87656		894	62706	82021	18703	685//	52801	84822	85635		894	97051	034	+	proSo							
68	Elmdon	534	43210	35041	16402	48400	52806	82819	83630		534	12904	17040	16751	15700	54203	81656			534	00023	041	+	+							
66	Cardington	559	12807	56051	16001	10930	51707	81360			559	12607	28100	16152	00901	53104	81070			559	00033	031	+	+							
64	Wittering	462	13011	48021	15302	10930	52807	81360			462	12710	37040	15551	15602	54103	81640			462	00023	056	+	+							
63	Watnall	354	12906	28041	15701	15601	51806	81630			354	72906	28051	15901	756//	53103	87639			354	00035	042	+	jp							
61	Shawbury	414	12808	59047	16602	15501	52803	81622			414	00000	37100	16953	00900	53003				414	00033	041	+	+							
59	Finningley	360	13006	24041	15003	10930	56806	81360			360	73007	28041	15202	757//	52001	87656			360	00055	040	+	+							
57	Kilnsea	396	63010	61021	14150	4857//	56803	82820	84630	86360	396	83014	58021	14501	5557//	52303	85620	88460		396	00016	026	+	+							
55	Leeming	257	72909	74031	14802	785//	53807	81820	87645		257	52710	74012	14902	55600	53001	85640			257	00035	020	+	+							
54	Tynemouth	262	72818	58022	14700	785//	54805	83825	87630		262	42814	58022	14201	40930	51803	84358			262	00027	000	+	+							
52	Carlisle	222	40000	32050	16552	25632	55806	82640	83075		222	70000	23041	15651	756//	54803	87643			222	00015	029	+	+							
50	Valley	302	70000	69258	17203	783//	03000	81707	85816	86635	302	51206	62011	16801	55500	50203	85620			302	01041	000	propr	iro							
48	Ringway	334	11902	08044	16451	00901	53803	81070			334	31603	16044	16451	10931	54000	81358			334	00013	057	fff								
46	Squires Gate	318	11001																												

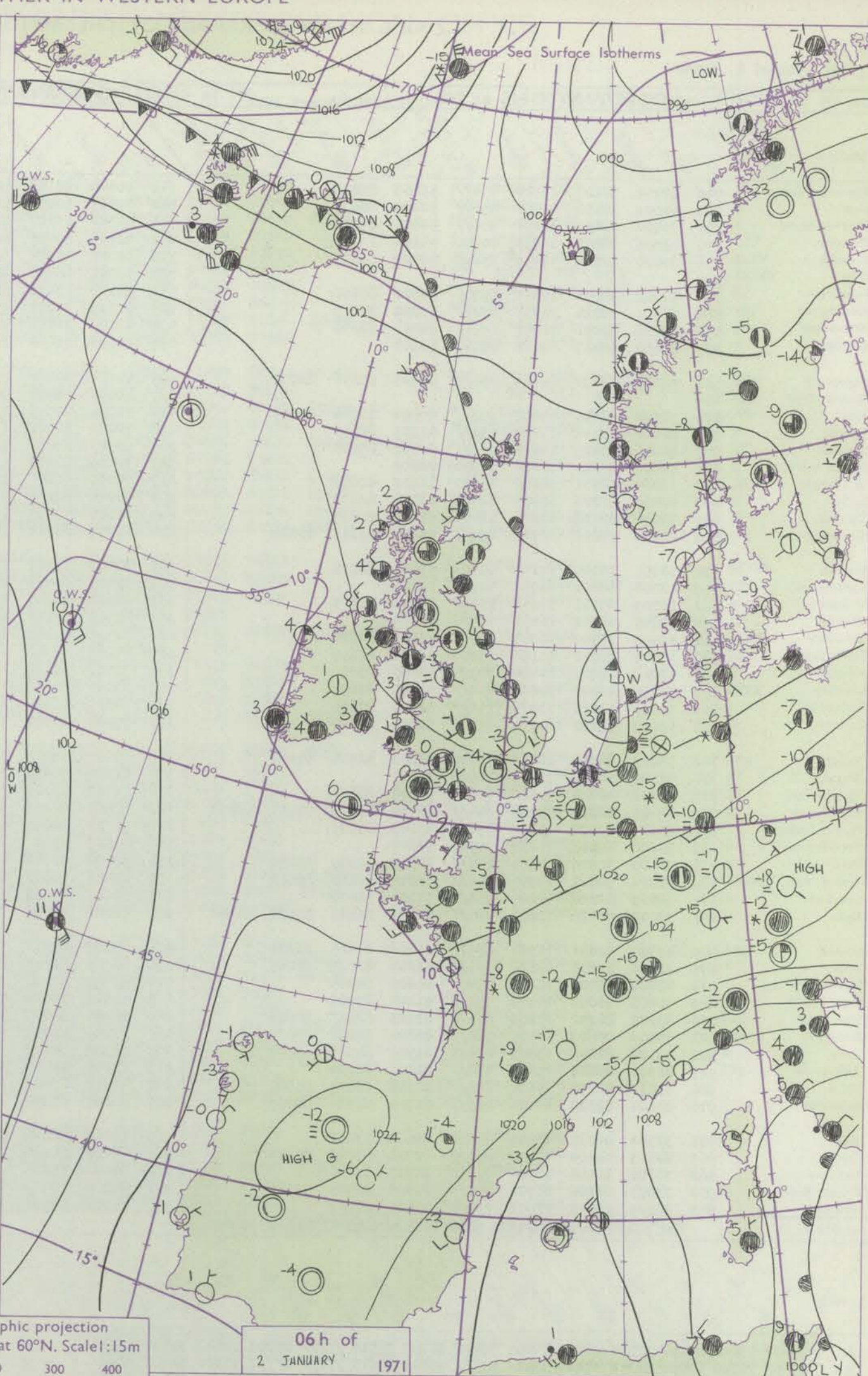
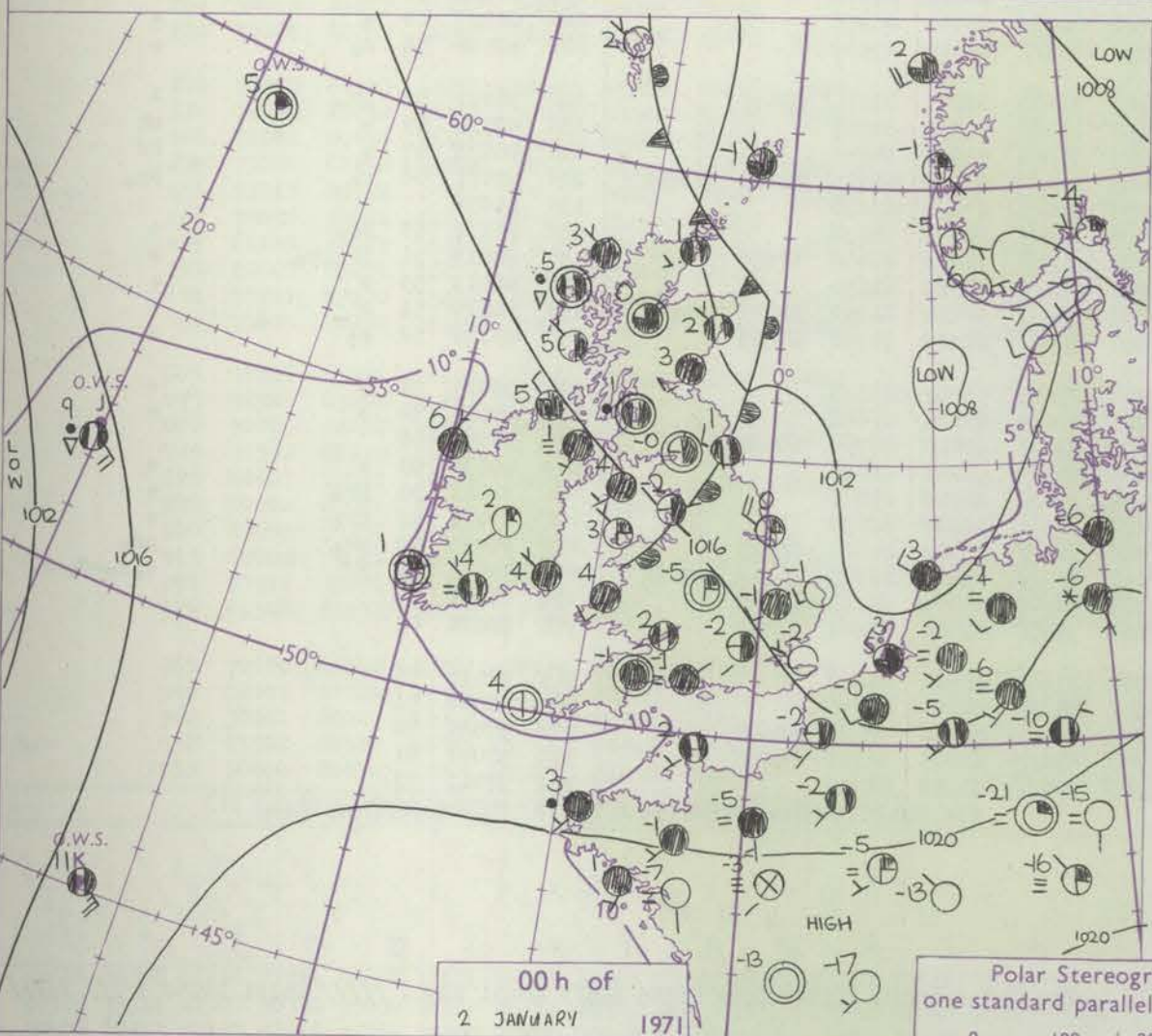
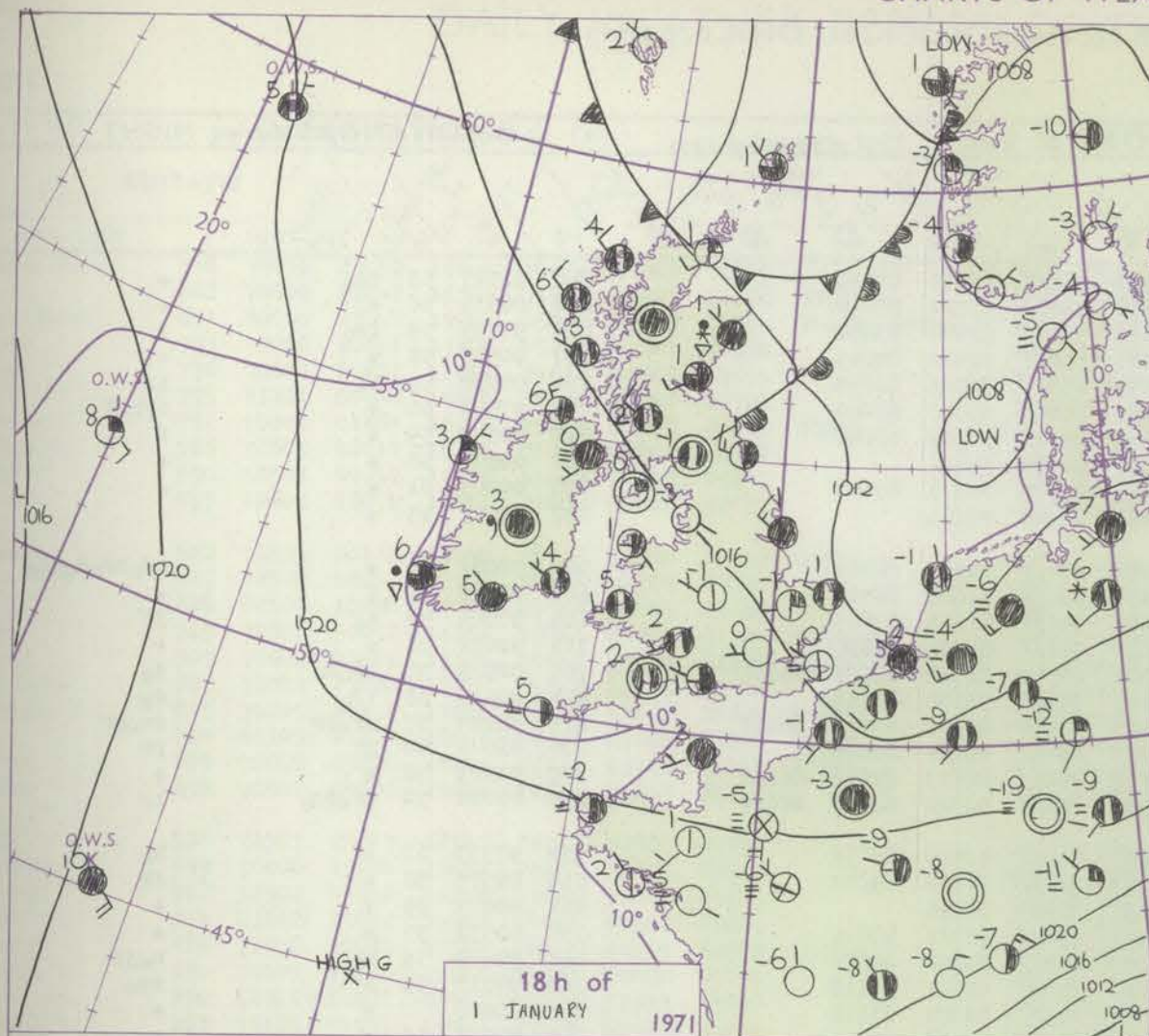


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone to the west of the British Isles has continued to move slowly southeast and to decline. Weak troughs of low pressure have moved southeast from Iceland to affect northern districts of the British Isles. Pressure has remained low and complex over the Mediterranean with the principal centres moving steadily northeast. The Atlantic low has become slow-moving but its

frontal troughs have moved steadily east. During the next 24 hours, the ridge of high pressure to the west of the British Isles will continue to decline. A small depression at present over northeast Iceland is expected to move steadily southeast to the southern Norwegian Sea with associated frontal troughs crossing Scotland later.

Issued at midday Saturday 2 January 1971



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

Code FM 11.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		2 January 1971										2 January 1971										2 January 1971									
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	82702	32107	17500	854//	51803	88616			746	70000	28102	16751	756//	51605	87638			746	91527	53	1s		+							
Hurn	862	80601	30101	18051	856//	52400	88635			862	73605	50052	16852	756//	53501	87640			862	00535	56	+		+							
Thorney Island	871	70000	28051	18151	756//	52804	87646			871	70302	23107	17153	757//	53604	87650			871	97535	59	1s		+							
Manston	797	02906	28050	16752	00900	54104				797	72905	30051	16600	756//	51400	87645			797	00536	55	+		+							
Gatwick	776	30000	20111	17755	35800	56400	83657			776	60000	28104	16855	657//	56706	86650			776	00576	59	1f		1f							
Kew	775									775	31701	08414	16455	35600	55705	83640			775	97563	60	+		1F1ff							
Heathrow	772	52202	30051	17252	55700	54801	85650			772	20000	17051	16454	25600	54707	82640			772	00543	59	+		f							
Honington	586	82511	48021	15851	856//	53202	88645			586	02309	37051	15553	00900	54602			586	00547	58	+		+								
Wattisham	590	82706	32051	16051	856//	54001	88636			590	12706	22051	15854	15600	55503	81640			590	00567	61	+		+							
Gorleston	497	02610	60017	14051	00900	53804				497	02508	60020	14452	00900	55203			497	00555	55	+		+								
Aberporth	502	82208	83032	16704	854//	00703	85618	88630		502	82806	80502	16305	874//	50701	88712			502	92031	01	+		1d01r0d0pro							
Ross-on-Wye	627									627	80000	48052	16350	864//	51605	88710			627	00513	55	f		+							
Filton	628	72502	28045	17002	753//	00804	81706	87649		628	70000	40042	16400	756//	51603	87645			628	97504	52	d		jf							
Rhoose	715	60000	66012	17102	656//	01703	86645			715	70000	62022	16602	756//	01503	87635			715	00011	51	+		+							
Chivenor	707	70906	59515	17602	756//	01707	87635			707	60905	59035	16801	65500	01706	83625	86650			707	02015	50	dd		d						
Mount Batten	827	00802	33105	18201	00900	00809				827	30000	40101	17151	35700	51608	83656			827	97513	56	1d		d							
St. Mawgan	817	12004	78101	18650	15700	51607	81650			817	60000	66808	17203	68400	03709	83814	86639			817	02514	57	pro		pro						
Scilly	804	10000	82028	18404	11400	03705	81818			804	40000	82258	17806	48400	05804	83818			804	01041	00	pr		pr							
Culdrose	809	10000	82118	18502	12400	02705	81818			809	70000	70031	17502	784//	01604	82818	86626			809	00503	58	+		+						
Guernsey	894	60000	74268	18703	684//	01804	83819	85630		894	80705	66216	16904	854//	02712	83710	88617			894	05032	50	pro		ir						
Elmdon	534	30000	16040	17155	00901	55801	83075			534	72603	35041	15951	756//	52608	87631			534	97573	61	+		h							
Cardington	559	02408	16101	16752	00900	52000				559	92405	01474	16353	9//	54504	89/02			559	00553	58	+		FF							
Wittering	462	22709	24041	16051	25600	54801	82635			462	02708	15040	15453	00900	54605			462	00543	55	+		+								
Watnall	354	02805	48041	16451	00900	52000				354	62406	37041	14951	656//	52711	86647			354	00531	57	+		+							
Shawbury	414	12403	30100	16753	15700	53805	81650			414	82403	40047	15650	855//	51608	88624			414	97543	59	h		h,jf							
Finningley	360	12907	32041	15150	15700	53804	81656			360	70000	37041	14650	757//	51501	87656			360	97515	53	+		ps							
Kilnsea	396	32918	48021	14600	30970	52400	83360			396	72910	58021	14000	7097//	51801	87360			396	00006		+		+							
Leeming	257	72910	74022	14602	756//	53705	87637			257	70000	62012	14401	756//	52400	87640			257	00515	56	+		+							
Tynemouth	262	72811	61022	13901	756//	52606	87635			262	62815	66022	13701	6093//	51400	86358			262	00007	01	+		+							
Carlisle	222	50000	56222	14750	55500	52809	85622			222	70000	56041	15052	756//	53500	87647			222	92546	58	s		+							
Valley	302	33007	66016	16603	38500	01802	81820	83640		302	40000	66018	15803	48400	02601	81815	84635			302	96021	52	pro		+						
Ringway	334	01506	18040	16453	00900	54804				334	81706	30221	15250	863//	51506	88707			334	97536	55	+		sh							
Squires Gate	318	50702	16044	15652	55600	53708	85630			318	41402	11101	14953	45600	53502	84645			318	00543	57	+		ff							
Ronaldsway	204	82405	80211	15704	854//	02709	83711	85714	88623	204	72804	80252	15405	784//	01500	81715	83630	87650			204	97021	56	ro		pro					
Mull of Galloway	131	83213	80028	15204	856//	03603	85635			131	72715	84025	14605	756//	04801	87640			131	01031											
Eskdalemuir	162	03606	69017	14252	00900	53809				162	81503	59021	14100	856//	52804	88638			162	91536	53	ss		+							
Prestwick	135	70000	70606	14301	784//	00809	81815	85650		135	70000	72028	14101	756//	01702	81635	87650			135	92013	51	1ro		+						
Abbotsinch	140	72304	70021	14302	756//	00810	83640	86650		140	12506	70021	14550	15700	52302	81650			140												



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

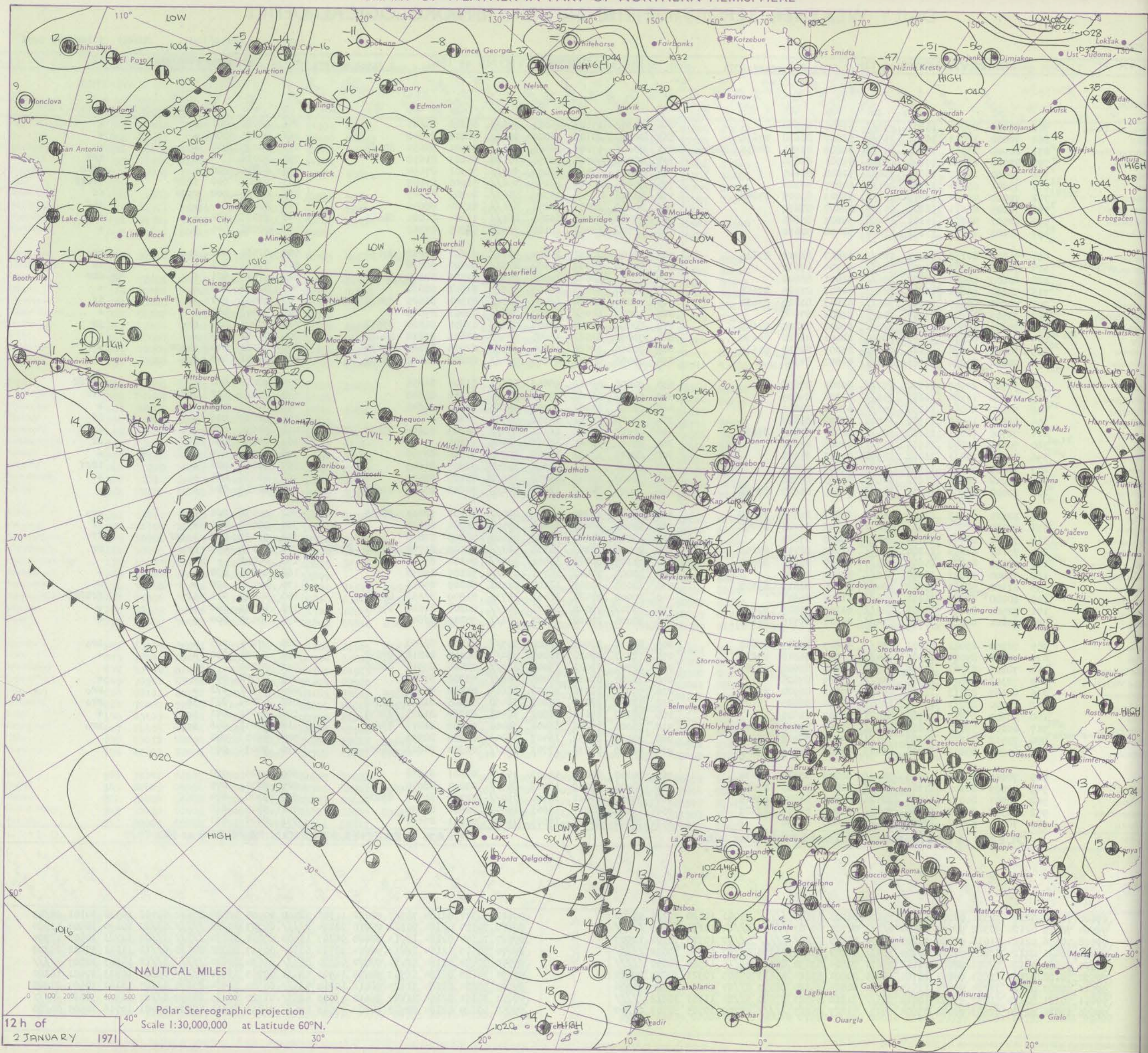
No. 39854

Date of Issue Sunday 3 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		2 January 1971										2 January 1971																			
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>h</sub> M <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>h</sub> M <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT	T <sub>e</sub>	SSS	WEATHER								
																							09h.—15h.	15h.—21h.							
Boscombe Down	746	70000	23052	16601	756//	51806	87640			746	73302	17102	16001	756//	00202	87645			746	00026	001	+			+						
Hurn	862	70000	18042	16701	755//	52807	81628	87635		862	70000	20102	16050	756//	51802	87640			862	00025	000	+			+						
Thorney Island	871	80000	23052	17001	852//	00808	81704	84638	88645	871	73601	17102	16401	756//	01501	83630	87656		871	00035	000	+			+						
Manston	797	40000	28051	17100	45700	52801	84650			797	10000	40050	16454	15700	55601	81650			797	00016		+			iff						
Gatwick	776	70000	14102	16851	756//	51808	87645			776	70000	07462	16250	757//	50301	87650			776	00016	000	+			ffff						
Kew	775	73201	05444	16500	761//	50807	87701			775	70000	04424	16150	756//	51500	87642			775	97003	000	ffff			ffff						
Heathrow	772	70000	01464	16950	752//	51803	83705	87640		772	73602	07424	16300	756//	00301	87645			772	00003	000	ffff			ff						
Honington	586	72605	48011	16200	757//	52802	87650			586	80000	28057	16251	856//	52304	88645			586	97016		+			shf						
Wattisham	590	52503	44051	16101	55600	53807	85645			590	83402	32268	16250	885//	51204	81825	88640		590	97027	021	+			ps0						
Gorleston	497	22603	18051	15601	25600	52400	82630			497	72702	12051	16100	7093//	54305	87360			497	00025	045	+			+						
Aberporth	502	71803	80168	16905	784//	02803	81712	87635		502	72105	74252	16004	785//	03602	82822	87638		502	01061	005	pro			pro						
Ross-on-Wye	627	72502	48052	16702	756//	01704	87630			627	80000	17102	16102	856//	00400	88630			627	97031	011	+			ro						
Filton	628	82603	18044	16803	856//	01001	88640			628	73401	32042	15902	755//	01501	82625	86639		628	97041	001	f			phr						
Rhoose	715	72802	50052	16803	785//	01803	81825	87645		715	73502	57052	16103	757//	01501	87650			715	00051	007	+			+						
Chivenor	707	70903	40025	17304	785//	02803	81820	87645		707	70000	28284	16403	3853//	01501	81825	83638	87360	707	00051	011	jf			if						
Mount Batten	827	73503	17285	17304	756//	03804	87640			827	70000	14052	16403	756//	02601	87640			827	00053	000	f			+						
St. Mawgan	817	70205	80158	17805	785//	02002	83820	87645		817	70000	80152	16803	785//	01801	81820	87650		817	97051	000	pro			jp						
Scilly	804	60105	81018	18107	68500	02001	81820	86630		804	70000	81021	18606	784//	02603	83818	87622		804	00081	040	+			+						
Culdrose	809	70000	69626	18105	784//	03003	82710	85630		809	70000	78026	16704	785//	02803	82820	87630		809	02061	010	ir0ir			+						
Guernsey	894	70602	84056	16606	783//	02803	81708			894	70406	80022	15704	784//	02603	82819	86637		894	94071	008	id0			+						
Elmdon	534	72505	24047	16102	757//	00805	87656			534	60000	09411	16653	657//	53205	86656			534	00033	008	+			ffff						
Cardington	559	70000	17284	16652	756//	52806	87635			559	52902	06462	16451	55600	51302	85640			559	00013	002	FFff			fff						
Wittering	462	52502	44041	16250	556//	52801	85645			462	52804	11101	16351	55600	52303	85645			462	00023	007	+			+						
Watnall	354	63102	14042	15902	65600	00802	86645			354	00000	05461	16751	00900	51204			354	00033	016	+			ff							
Shawbury	414	72706	78031	16302	785//	00801	82822	87632		414	80202	40106	16301	854//	01303	82614	83620	88630	414	97034	000	jf			roff						
Finningley	360	70000	13048	15903	757//	00000	87656			360	00000	06461	16251	00900	51205			360	00045	024	+			ff							
Kilnsea	396	52912	12031	16402	50970	52313	85360			396	62910	12101	15850	6097//	51302	86360			396	00026	049	+			+						
Leeming	257	71103	44041	15902	756//	52003	87640			257	10000	20101	16651	15600	52207	81645			257	00035	006	+			ffff						
Tynemouth	262	72812	24052	15602	7097//	00105	87358			262	32907	32041	16502	25630	50109	82635			262	00036	015	+			+						
Carlisle	222	70000	48042	16301	785//	51106	81823	87638		222	70000	40042	16501	756//	51103	83640	87650		222	00016	000	+			+						
Valley	302	72910	80018	16207	785//	05802	81825	87640		302	81605	66258	16004	884//	03101	82815	88634		302	95071	000	pro			pro						
Ringway	334	70000	12042	16501	752//	01400	81705	87650		334	20000	08461	16600	25500	51304	82620			334	00023	000	+			ff						
Squires Gate	318	71102	05446	16101	756//	00000	87640			318	40806	04444	16050	45600	50203	84640			318	97023	000	ir0ff			ff						
Ronaldsway	204	73107	62258	16206	784//	01103	81711	87650		204	70000	70258	16104	783//	02105	81708	84820	87650	204	01071	000	pro			pr						
Mull of Galloway	131	73213	80022	15605	735//	04202	83925	87640		131	71107	80028	15505	736//	04101	87935			131	04051											
Eskdalemuir</																															

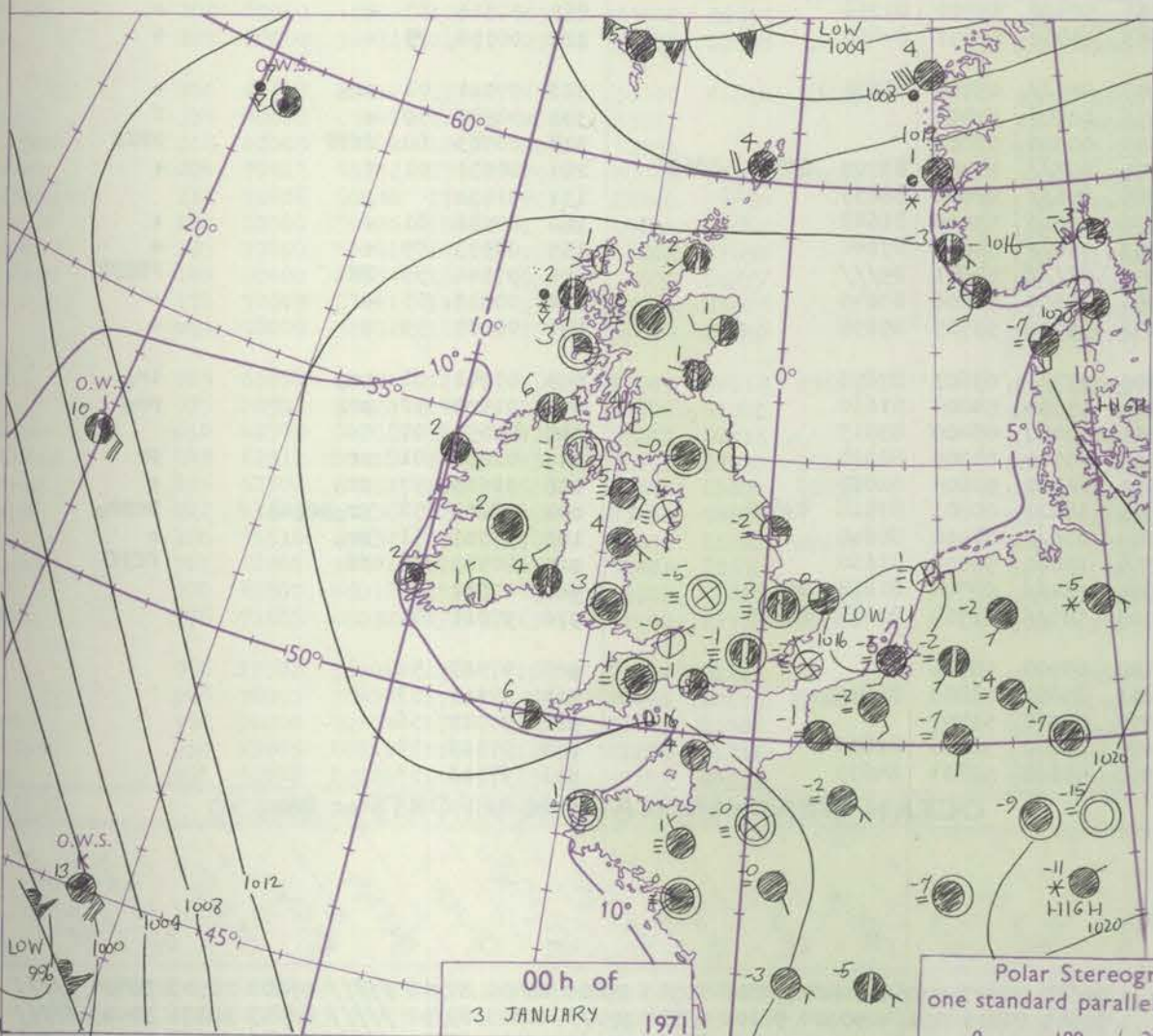
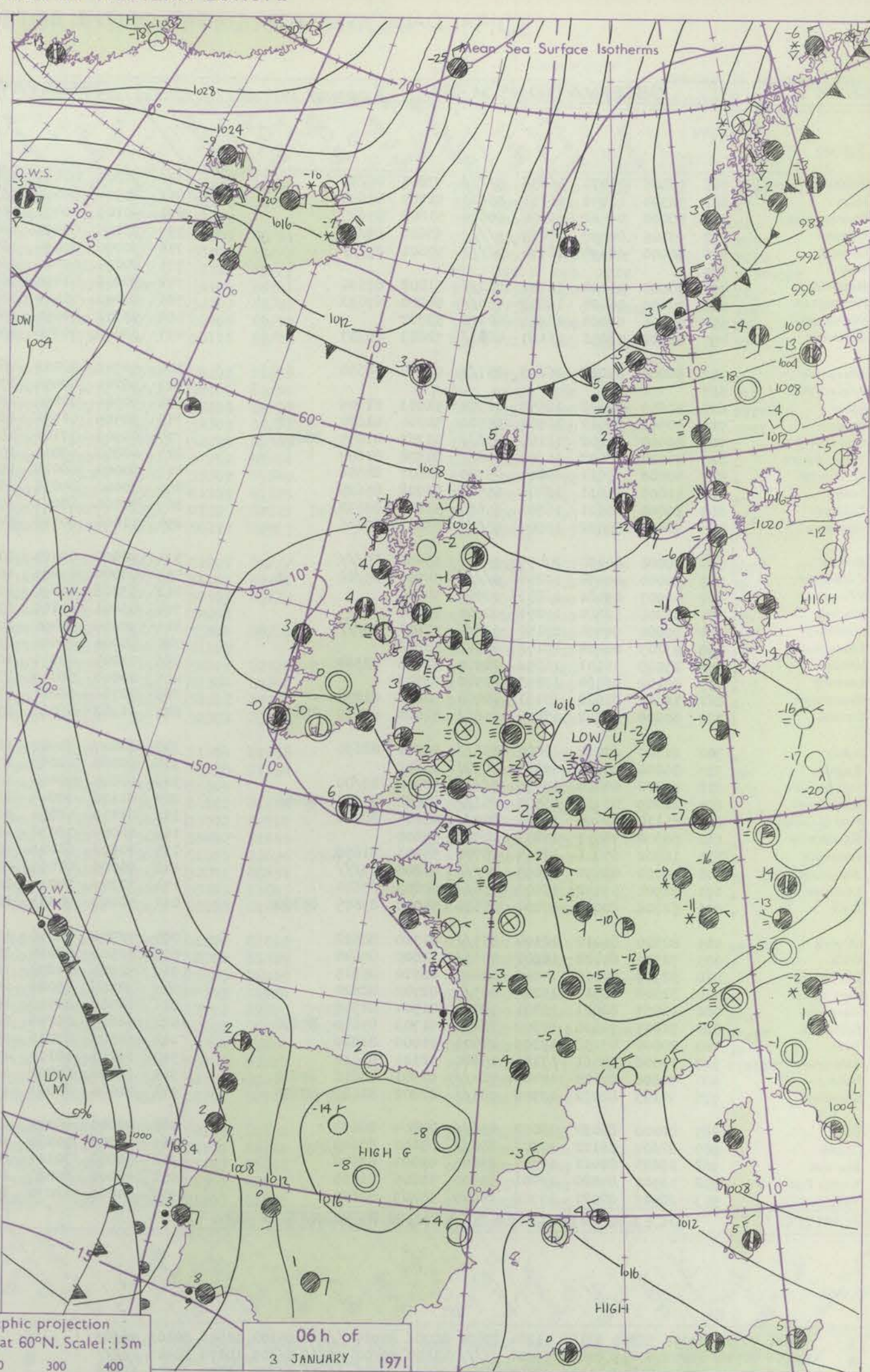
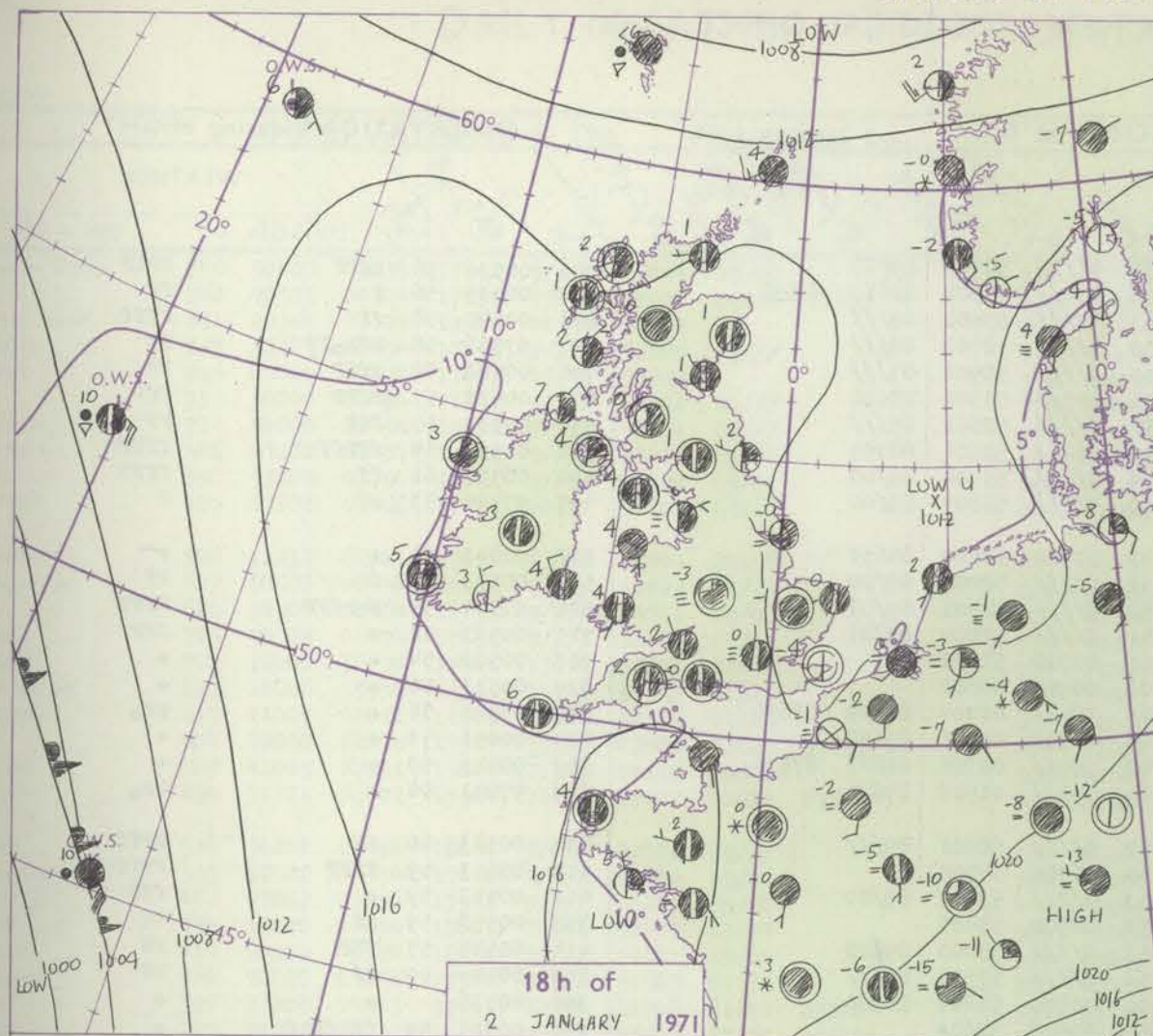


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPSIS DEVELOPMENT

Pressure is now fairly uniform but relatively high over the British Isles, with a shallow low remaining over the North Sea. During the next 24 hours the highest pressure is likely to become centred over Belgium or northeast France, with the depression west of Portugal moving to southeast Spain and a slow increase of

southwest winds over southwest Britain. The cold front to the north of Scotland will move south over Shetland and Orkney and northeast Scotland but will later return northwards as a small wave depression moves east along it.

Issued at midday Sunday 3

January 1971



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

Code FM I.L.D.		OBSERVATIONS at 00h. 3 January 1971										OBSERVATIONS at 06h. 3 January 1971										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRR <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER					
																						21h.—03h.	03h.—09h.				
Boscombe Down	746	93405	00474	16653	9////	53803	89/00			746	90205	02434	16451	9////	52705	89/00			746	00536	58	1fFF	FFff				
Hurn	862	50304	12042	16151	55600	51705	85640			862	80304	04461	16352	854//	53502	82610	88630		862	00535	56	f	ff				
Thorney Island	871	50000	07462	16650	55600	51802	85645			871	90107	00491	16553	9////	53502	89///			871	00545	58	ff	ffff				
Manston	797	93105	00497	17053	9////	53601	89///			797	93105	00494	16652	9////	52703	89///			797	97566	58	Ffs <sub>0</sub> FF	FF				
Gatwick	776	90000	00494	16956	9////	57801	89///			776	90000	00494	16755	9////	56501	89///			776	00586	59	FFFF	FF				
Kew	775									775	80000	09424	16751	857//	51301	88650			775	00533	55	ffFF	ffF				
Heathrow	772	70000	06444	16751	757//	51802	87650			772	90202	01494	16752	9////	52602	89///			772	00533	55	ffF	FF				
Honington	586	70000	06424	16853	756//	54000	87633			586	80000	05424	16352	862//	52604	88704			586	00556	59	ffFff	ffff				
Wattisham	590	03506	07484	16953	00900	53702			590	93302	00494	16454	9////	55704	89/00			590	00547	61	ff	ffff					
Gorleston	497	62502	18051	16100	6093/	52603	86357			497	93008	00454	15650	9////	51807	89/00			497	97525	53	+	F				
Aberporth	502	80000	83028	16203	857//	02804	88650			502	50911	80012	16101	55700	52400	85650			502	00001	51	+	+				
Ross-on-Wye	627									627	93201	00454	17452	9////	52400	89/00			627	00533	57	f	FF				
Filton	628	10603	32048	16550	16300	51803	81709			628	90501	02494	17052	9////	52501	89/01			628	97534	55	phrffFF	ffff				
Rhoose	715	50502	60012	16502	55500	50804	81620	85647		715	90509	01494	16551	9////	52000	89/01			715	00523	52	+	ffF				
Chivenor	707	80000	50102	16102	856//	01707	81635	88650		707	00903	57101	16151	00900	51101			707	00523	54	+	+					
Mount Batten	827	70000	28102	16302	758//	01706	87657			827	00802	69011	15601	00900	00602			827	00513	56	+	+					
St. Mawgan	817	40000	74011	16601	45700	00807	84656			817	70000	66028	15602	785//	01704	81820	87650		817	93504	56	+	pro				
Scilly	804	51005	81031	16406	55500	02708	85625			804	70000	84031	15206	75700	00706	87650			804	00051	53	+	+				
Culdrose	809	30000	80021	16701	35600	51803	83632			809	70000	80021	15702	785//	00706	81825	87635		809	00513	59	+	+				
Guernsey	894	70406	80022	15504	756//	53807	87645			894	71006	80022	14504	756//	01506	87645			894	97041	00	+	iro				
Elmdon	534	90000	00494	17455	9////	55804	89///			534	90000	00494	17657	9////	58801	89///			534	00583	60	FF	FFff				
Cardington	559	90000	00494	17254	9////	54500	89/00			559	00000	03484	16854	00900	54705			559	00553	59	ffFF	FFff					
Wittering	462	02907	09481	16853	00900	54804			462	93208	01494	17053	9////	53602	89/00			462	00553	59	+	ffF					
Watnall	354	03304	12284	17251	00900	53704			354	03401	14100	17552	00900	53400				354	00553	59	ff	ff					
Shawbury	414	90000	00494	17152	9////	52801	89///			414	90000	00494	17853	9////	53000	89/00			414	00544	55	ffF	FF				
Finningley	360	03203	04444	17152	00900	53802			360	90000	00494	17456	9////	57500	89///			360	00585	59	ff	FF					
Kilnsea	396	23009	16101	16652	20970	52703	82360			396	43205	48011	16400	40970	51809	84360			396	00536		+	+				
Leeming	257	00102	06464	17653	00900	53703			257	00000	58044	17655	00900	57603				257	00565	59	ffFffif	+					
Tynemouth	262	12812	61020	17101	00908	51802	81275			262	52716	66021	17551	50930	53400	85358			262	00516	53	+	+				
Carlisle	222	80000	48042	17450	856//	51000	82630	88650		222	41302	56041	17653	45700	54801	84650			222	00556	59	+	+				
Valley	302	81207	62018	16404	856//	03001	88635			302	80807	74022	16203	856//	03704	88634			302	97021	01	pro	+				
Ringway	334	00000	25044	17553	00900	55802			334	00000	18044	17656	00900	57802				334	00583	59	+	f					
Squires Gate	318	91802	00494	17455	9////	55400	89/00			318	00804	05484	17557	00900	57801			318	00583	60	ffFF	FFff					
Ronaldsway	204	81009	07462	16505	853//	04802	87708	88656		204	81110	30044	16705	853//	04400	83707	83712	88650	204	00031	01	f	+				
Mull of Galloway	131	81110	32406	16005	855//	03205	88620			131	81410	48054	16405	856//	02606	88635			131	91031							
Eskdalemuir	162	00000	78011	17853	00900	55000			162	10000	78030	18357	15600	59000	81642			162	00586	61	+	+					
Prestwick	135	10802	65041	17254	15700	55801	81656			135	70902	68021	17353	756//	54604	87644			135	00553	59	+	+				
Abbotsinch	140	90000	00494	18053	9////	53206	89///			140	90000	01495	18352	9////	52801	89///			140	97564	59	FF	FFdFF				
Leuchars	171	72901	59042	17001	756//	00803	87640			171	32307	74011	16951	35600	54806	83645			171	00513	55	+	+				
Dyce	091	52708	80022	17001	35630	54000	83645	85360		091	50000	70031	16452	55700	53705	85656			091	00545	59	+	+				
Lerwick	005	82320	80212	12104	855//	01710	88622			005	72709	80016	11805	757//	03603	87650			005	03041	01	iro	iro				
Wick	075	72306	84022	16002	756//	51605	87640			075	12508	82018	15401	15600	50804	81630			075	91505	52	pro	pro				
Sule Skerry	010	52709	74018	14006	53400	06710	85915			010	32905	81808	14306	33400	06400	83915			010	01052	01						
Cape Wrath	049	82308	81818	15204	835//	02702	88920			049	22708	83028	14405	23500	01705</												



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

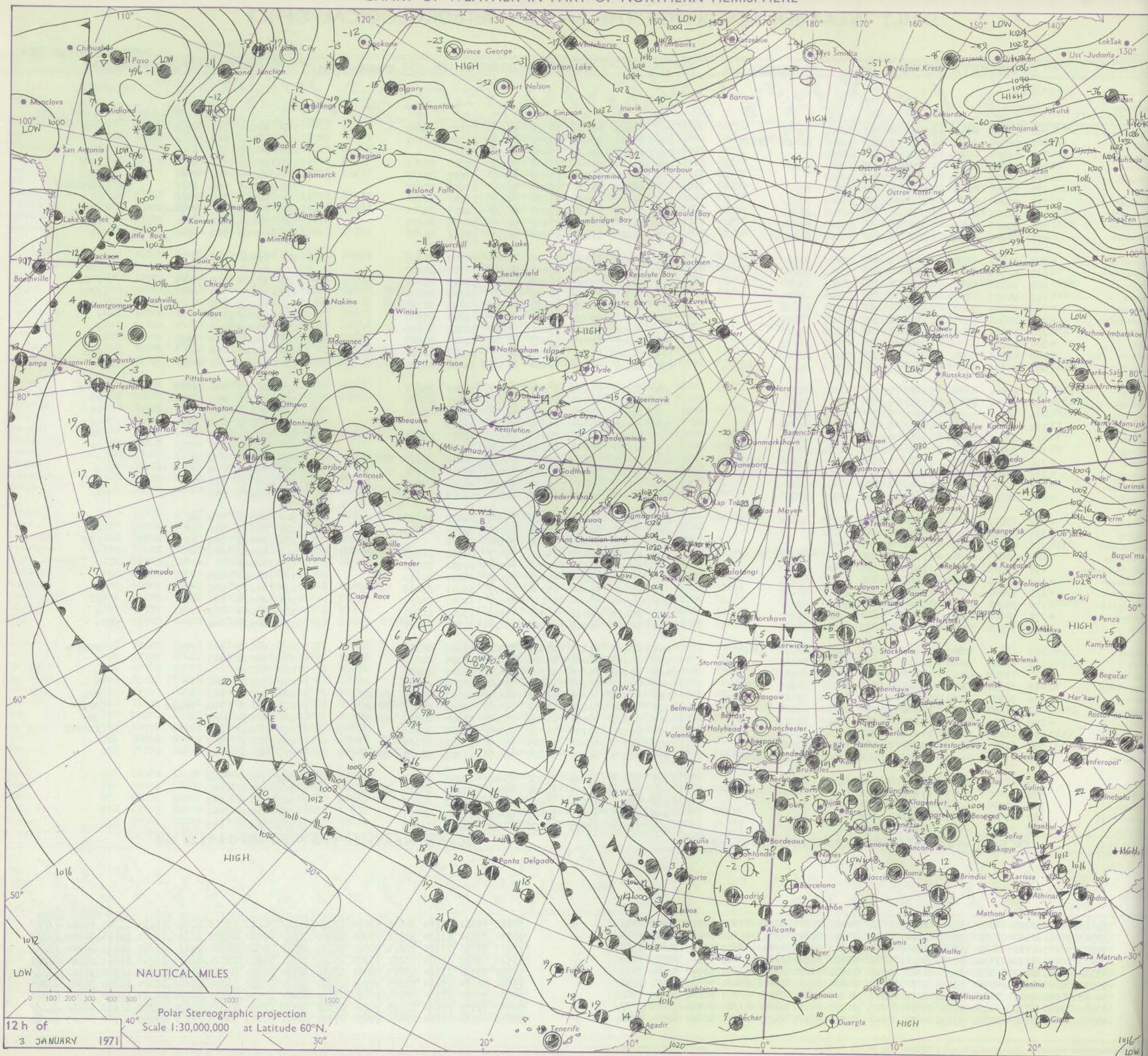
No. 39855

Date of Issue Monday 4 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		3 January 1971										3 January 1971										3 January 1971									
Station		ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	RRT x F	SSS	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down		746	90403	02434	17752	9////	52001	89/00			746	90504	01494	18553	9////	53107	89/00				746	00516	000	FFff	ffFF						
Hurn		862	70508	20104	17251	754//	52000	82615	87625		862	80506	08444	17851	863//	52107	88706				862	00005	000	+	ff						
Thorney Island		871	00308	28104	17600	00900	50002				871	03606	02464	18452	00900	52209				871	00015	048	+	ff							
Manston		797	93107	00494	17253	9////	53806	89///			797	93004	01494	17850	9////	50305	89/01				797	92016		FF	FFff						
Gatwick		776	00000	08424	17853	00900	53802				776	90000	01494	18653	9////	53107	89///				776	00516	000	FFff	ffFF						
Kew		775	90000	00494	17752	9////	53802	89///			775	92005	01774	18251	9////	51206	89///				775	97503	000	FFff	ffFFshff						
Heathrow		772	90000	00494	18153	9////	53001	89///			772	82602	09424	18350	860//	51105	88701				772	00503	000	FFff	ff						
Honington		586	93102	01434	17652	9////	52001	89/02			586	92806	01437	17952	9////	52207	89/01				586	97516		FFshoff	FFff						
Wattisham		590	93406	00494	17351	9////	51000	89/00			590	93306	00494	18152	9////	52209	89/00				590	00517	000	FF	FF						
Gorleston		497	63105	03488	17251	6093/	51207	86360			497	92905	00474	17300	9////	00111	89/02				497	97015	003	fpsh	FF						
Aberporth		502	11212	82021	17003	15700	55003	81656			502	10000	83020	17602	15700	54103	81656				502	00053	073	+	+						
Ross-on-Wye		627	90603	00454	18653	9////	53102	89///			627	90000	00474	19252	9////	52107	89/00				627	00524	000	FF	FFf						
Filton		628	90306	01494	18153	9////	54001	89/00			628	90704	04494	18952	9////	53209	89/02				628	97524	000	FFff	FFff						
Rhoose		715	90509	01494	17452	9////	52804	89/01			715	90509	07474	18352	9////	52309	89/02				715	00513	000	FFffff	FFff						
Chivenor		707	10000	56030	17004	15600	51801	81645			707	21007	56020	17751	26300	52210	82709				707	00053	068	+	+						
Mount Batten		827	10806	59030	16303	15500	52802	81625			827	70807	40051	17101	757//	51212	87650				827	00043	054	+	+						
St. Mawgan		817	11007	62021	16903	18400	52105	81818			817	51008	58051	18201	55600	53309	85649				817	00043	072	+	+						
Scilly		804	70000	62258	15907	785//	03400	83825	87650		804	11002	58011	16003	15500	01209	81625				804	97071	009	pro	+						
Culdrose		809	41005	62051	16404	31520	01103	83820			809	60609	58051	16203	685//	01306	82820	86628			809	97055	058	+	pro						
Guernsey		894	71111	66022	15504	784//	01102	81812	87640		894	81010	60032	17101	863//	50216	88707				894	97051	001	iro	+						
Elmdon		534	91201	01494	18251	9////	52802	89///			534	90000	01494	18851	9////	51207	89///				534	00513	000	ffFF	FFff						
Cardington		559	92702	01494	18252	9////	52000	89/01			559	93104	01494	18651	9////	51107	89/01				559	00503	000	ffFF	FF						
Wittering		462	93002	01494	17951	9////	51000	89/00			462	92906	00494	18352	9////	52107	89///				462	00533	000	FF	FF						
Watnall		354	10000	06444	18001	00901	52803	81075			354	00000	04444	18852	00900	53208				354	00033	022	ff	ff							
Shawbury		414	90000	00494	18653	9////	53801	89/00			414	90000	00494	18954	9////	55204	89/00				414	00534	000	FF	FF						
Finningley		360	70000	05044	17900	757//	51803	87656			360	00000	07424	18050	00900	51102				360	00035	022	ff	ff							
Kilnsea		396	33205	25101	17651	12570	51006	81820	83360		396	81410	63031	17702	7357/	50203	82920	87630			396	00036	026	+	+						
Leeming		257	70602	80021	18254	756//	53801	82635	87650		257	72804	56042	18301	756//	51304	87640				257	00015	000	+	+						
Tynemouth		262	60000	16042	18001	656//	53400	86635			262	22809	32041	17801	20930	54302	82359				262	00056	005	+	+						
Carlisle		222	20000	58031	18451	25701	55802	82650			222	40000	40041	18352	35731	52303	83650				222	00015	043	+	+						
Valley		302	61813	80012	17505	684//	50002	81814	86650		302	11108	66011	17701	15700	51104	81656				302	00061	023	+	+						
Ringway		334	00000	07044	18553	00900	55801				334	10000	00484	18957	15700	59104	81650				334	00513	056	if	FF						
Squires Gate		318	01005	08484	18252	00900	52001				318	01102	05484	18254	00900	55104				318	00013	048	ff	ff							
Ronaldsway		204	70905	40042	17704	753//	03002	82708	87650		204	71305	61042	17504	754//	02102	81618	83628	87650			204	00061	001	+	+					
Mull of Galloway		131	71408	60024	17205	757//	02400	87650			131	71408	64024	16805	2643/	05702	82710				131	00051									
Eskdalemuir		162	10000	70020	18452	15600	54802	81641			162	10000	66011	18353	15600	54202	81633				162	00506	020	+	+						
Prestwick		135	70000	40041	17800	757//	52802	87650			135	71302	40042	17350	756//	51801	83636	86645			135	00013	002	+	+						
Abbotsinch		140	90000	00474	18652	9////	52803	89///			140	80000	10044	17851	856//	52801	88634				140	00514	001	FFf	ff						
Leuchars		171	52609	03021	17202	55600	53804	85645			171	22410	66021	16951	15602	53203	81645				171	00043	059	+	+						
Dyce		091	70000	58042	16600	757//	52804	87650			091	72707	68022	16502	756//	52103	87642				091	00035	000	+	+						
Lerwick		005	62410	82021	12605	5843/	02001	82818	83625		005	22415	80258	10804	28400	01806	81818				005	02062	006	pro	propho						
Wick		075	22508	89020	16002	28500	01000	81820			075	32310	86020	14801	35600	50504	83635				075	00033	027	+	+						
Sule Skerry		010	42709	82808	14706	43400	05203	84915			010	62509	81808	12505	634//	05705	86915				010	02072									
Cape Wrath																															

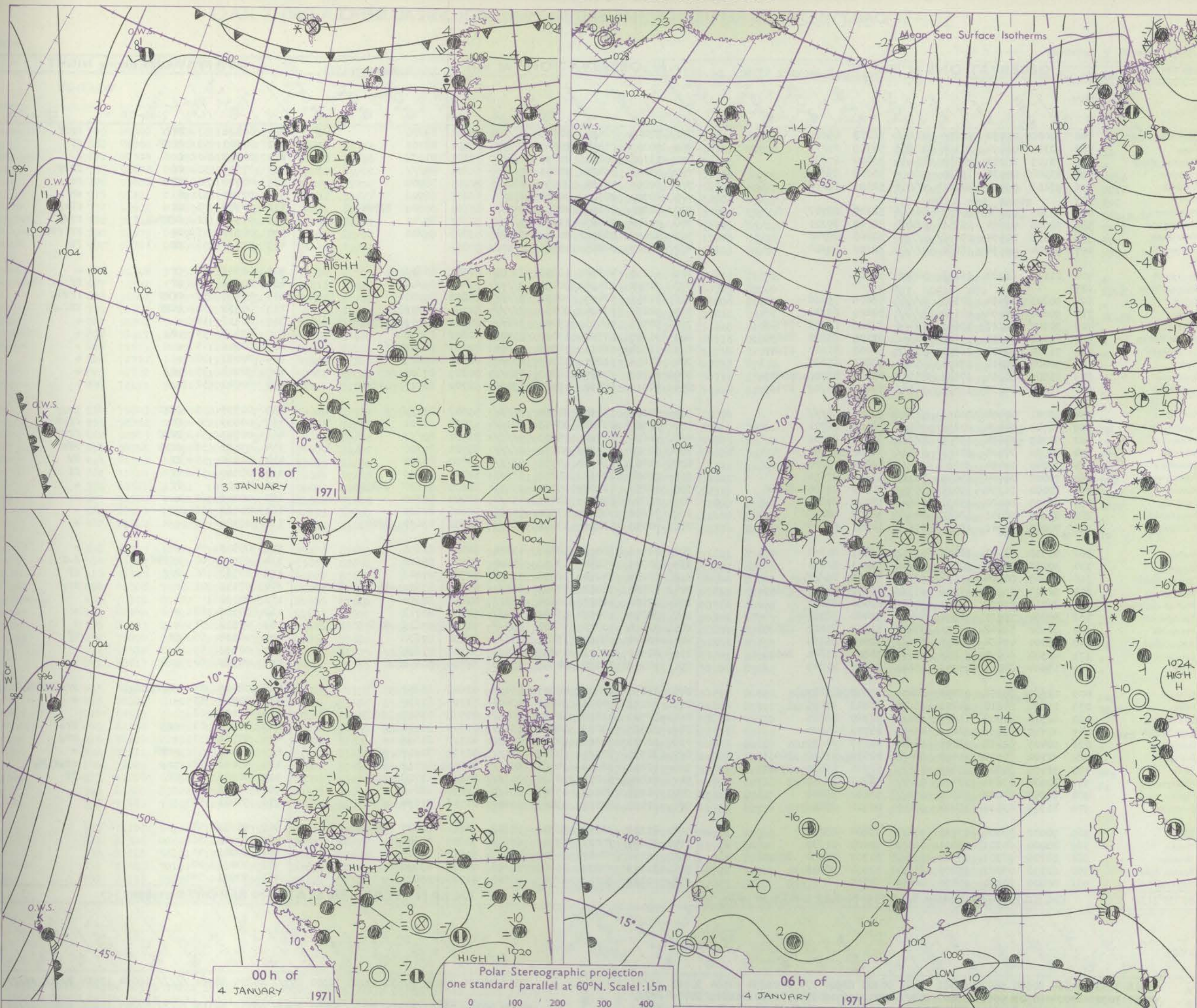


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPSIS DEVELOPMENT

A flat ridge of high pressure over the British Isles has maintained a light, very cold, southeasterly airstream over much of England and Wales but a rather less cold westerly over Scotland. A secondary depression off west Portugal has moved east into the western Mediterranean and pressure is now falling in the west of the British Isles as a depression in the central North Atlantic moves very slowly east.

bringing a freshening southerly gradient into the British Isles by tomorrow morning. A cold front between Scotland and the Faeroes is expected to move south to extend across north Scotland to Denmark by tomorrow morning but to weaken to the west of Scotland.

Issued at midday Monday 4

January 1971



## No. 57

Cod

H.M.S.O. Press, Mat.O. Brog. All rights



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

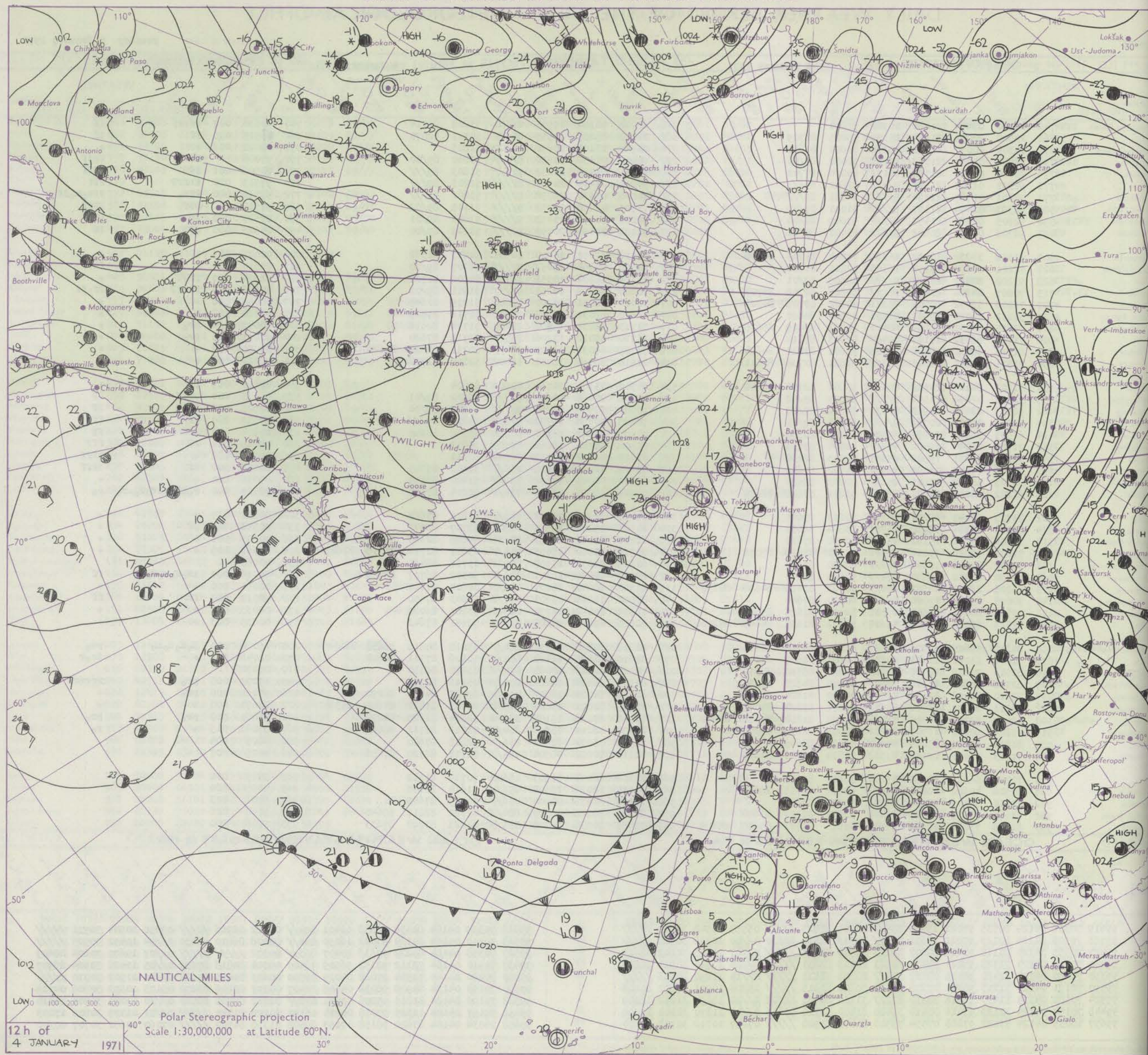
No. 39856

Date of Issue Tuesday 5 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		4 January 1971										4 January 1971																			
Station		ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	BN <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	RRT T E	S <sub>s</sub>	WEATHER								
																						09h.—15h.		15h.—21h.							
Boscombe Down	746	00000	07484	21256	00900	57804					746	61008	16104	19955	66401	55808	86714				746	00536	007	fffff	ff						
Hurn	862	20000	28054	21154	25300	55805	81709				862	21001	15105	19553	00901	54711	82070				862	97515	030	ff	ff						
Thorney Island	871	10304	40050	21700	15600	53802	81635				871	00905	13101	20650	00900	51805					871	00023	018	+	+						
Manston	797	92402	00494	21752	97777	52000	89700				797	90000	01454	21650	97777	50000	89700				797	97006		FF	FFff						
Gatwick	776	70000	07462	21751	76177	51000	87702				776	90901	01494	21051	97777	51803	89777				776	00506	001	ffF	FFff						
Kew	775	92301	01497	21553	97777	53802	89777				775	90000	01494	20952	97777	52803	89777				775	97513	000	shfFF	FFF						
Heathrow	772	92601	01787	21754	97777	54801	89777				772	90000	00437	21052	97777	53801	89777				772	97513	000	FFs <sub>0</sub>	FFs <sub>0</sub> hoff						
Honington	586	92303	01494	21151	97777	51001	89701				586	91903	02494	21253	97777	53105	89702				586	97516		FFf	FFff						
Wattisham	590	92605	00494	21452	97777	53000	89700				590	92005	01494	21453	97777	53003	89701				590	97527	000	FF	FF						
Gorleston	497	92706	00494	20653	97777	53400	89701				497	92102	00494	20953	97777	53103	89700				497	00525	000	fFF	FF						
Aberporth	502	51318	37052	18500	16231	51804	81705	84075			502	21112	37051	15900	10931	52817	81362				502	00003	009	+	+						
Ross-on-Wye	627	12101	17104	19951	16300	52811	81708				627	90000	00454	19253	97777	53707	89700				627	00514	004	f	fF-f						
Filton	628	91202	00497	20753	97777	53805	89701				628	11104	18104	19353	16101	54506	81702				628	92504	000	ffFF	+						
Rhoose	715	70807	24104	20451	76177	52805	82702	86703			715	90807	06494	18251	97777	51811	89701				715	00503	000	ff-fF	ff-fF						
Chivenor	707	71208	56032	19702	76301	00802	83706	84709			707	11007	57051	16701	15600	51815	81645				707	00043	038	+	+						
Mount Batten	827	51612	66031	19505	41501	00804	84820				827	21612	62031	16803	28500	00716	81825				827	00060	058	+	+						
St. Mawgan	817	71615	80251	18804	68471	50803	83819	85635			817	31713	62031	15802	25405	51714	82616				817	97043	054	pro	+						
Scilly	804	71712	66032	17105	72477	02803	87818				804	71720	59028	13206	75577	03713	87620				804	97061	015	pro	+						
Culdrose	809	61710	68031	18604	68500	52601	83822	84624			809	71709	69031	15803	78477	50711	83816	84620				809	00050	057	+	+					
Guernsey	894	71511	72031	21001	75377	51801	82709	87611			894	11515	66021	18701	16402	52814	81710				894	00021	028	+	+						
Elmdon	534	71803	24104	20953	75177	53802	82702	87640			534	01702	13101	20054	00900	55804					534	00513	009	ff	+						
Cardington	559	92202	02494	21554	97777	54803	89702				559	91701	00494	20654	97777	55802	89701				559	00533	000	FFff	FF						
Wittering	462	92305	02494	20953	97777	54802	89702				462	92003	00494	20254	97777	54705	89700				462	00523	000	ffFF	FF						
Watnall	354	92505	01497	20753	97777	54804	89701				354	92403	00494	19753	97777	54804	89777				354	97533	000	ff	ff						
Shawbury	414	61503	32284	19853	65600	53809	86640				414	41502	09461	18154	45800	55502	84640				414	00514	000	FF	FF						
Finningley	360	71904	09044	19500	75777	52804	87656				360	01906	08424	18854	00900	54803					360	00015	021	ff	ffF						
Kilnsea	396	32311	32051	19502	25671	52803	82630				396	02410	08424	19952	00900	52311					396	00036	032	+	ffff						
Leeming	257	71506	17042	18850	75677	51802	87645				257	71405	11042	18101	75677	51802	87645				257	00015	000	1f	ffff						
Tynemouth	262	82503	16042	17801	85677	52203	88630				262	82302	48042	17302	85677	51400	88630				262	00036	000	+	+						
Carlisle	222	81202	28232	17802	85477	53001	83618	88635			222	71406	58026	16901	75677	52804	87647				222	92025	000	r <sub>0</sub> s <sub>0</sub> d <sub>0</sub> -d <sub>0</sub> r <sub>0</sub> -r <sub>0</sub>	r <sub>0</sub>						
Valley	302	71715	62041	18204	75677	50803	87645				302	71415	61042	16402	75577	51811	87628				302	00041	027	+	+						
Ringway	334	31903	15284	19852	25701	53804	82650				334	21500	25041	18551	00901	53707	82075				334	00513	020	ff	+						
Squires Gate	318	71306	15042	19151	75677	52400	87635				318	61208	15041	17953	25631	54606	82640	83362				318	00003	001	+	+					
Ronaldsway	204	71808	75026	17806	18501	02102	81825	87075			204	71714	61042	15405	75477	03811	81712	83715	87645				204	00061	005	+	+				
Mull of Galloway																															



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



NAUTICAL MILES

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

12h of  
4 JANUARY 1971





Issued at midday Tuesday 5 January 1971

creased southerly gradient over western districts of the British Isles. During the next 24 hours the eastward movement of these fronts is expected to decrease and the encroachment of a milder southwesterly airstream over the British Isles is expected to be very slow.



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

No. 39

Code FM I.I.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code
		5 January 1971										5 January 1971																				



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

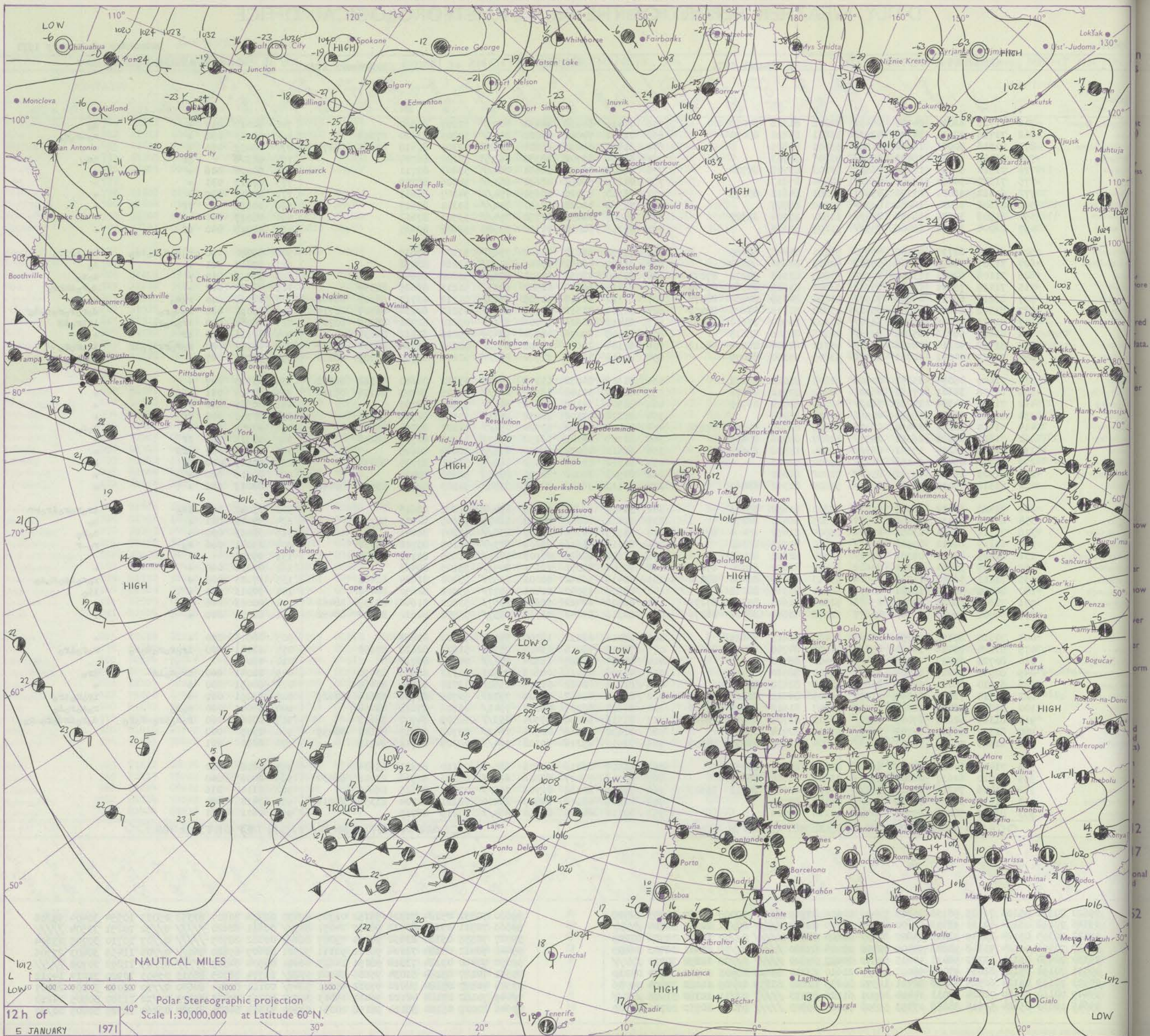
No. 39857

Date of Issue Wednesday 6 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY																			
		5 January 1971										5 January 1971																													
Station		N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>										N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>										RTT x E																			
		T <sub>d</sub> app										T <sub>d</sub> app										WEATHER																			
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										09h.—15h.										15h.—21h.									
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													
		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>										8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>																													

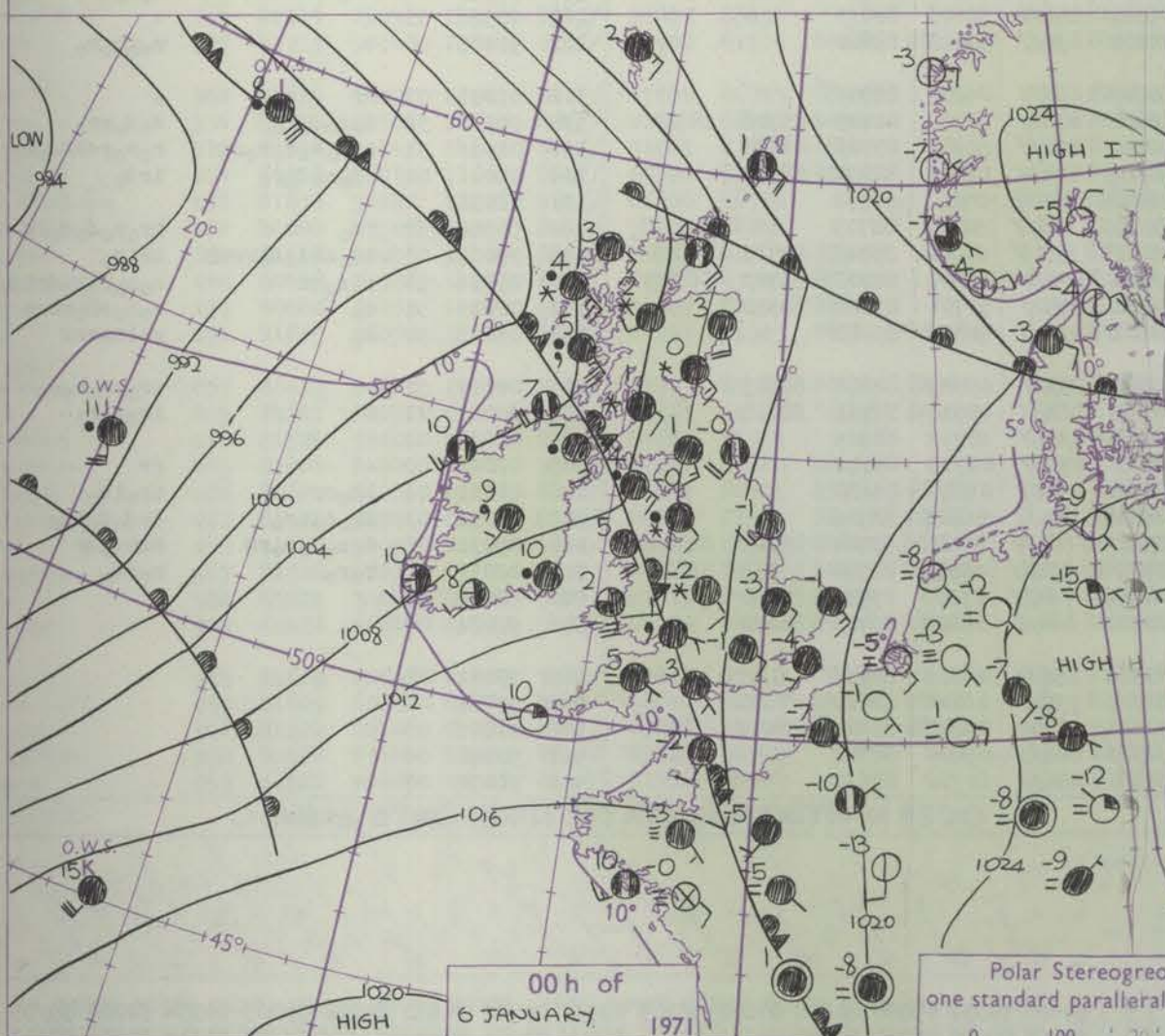
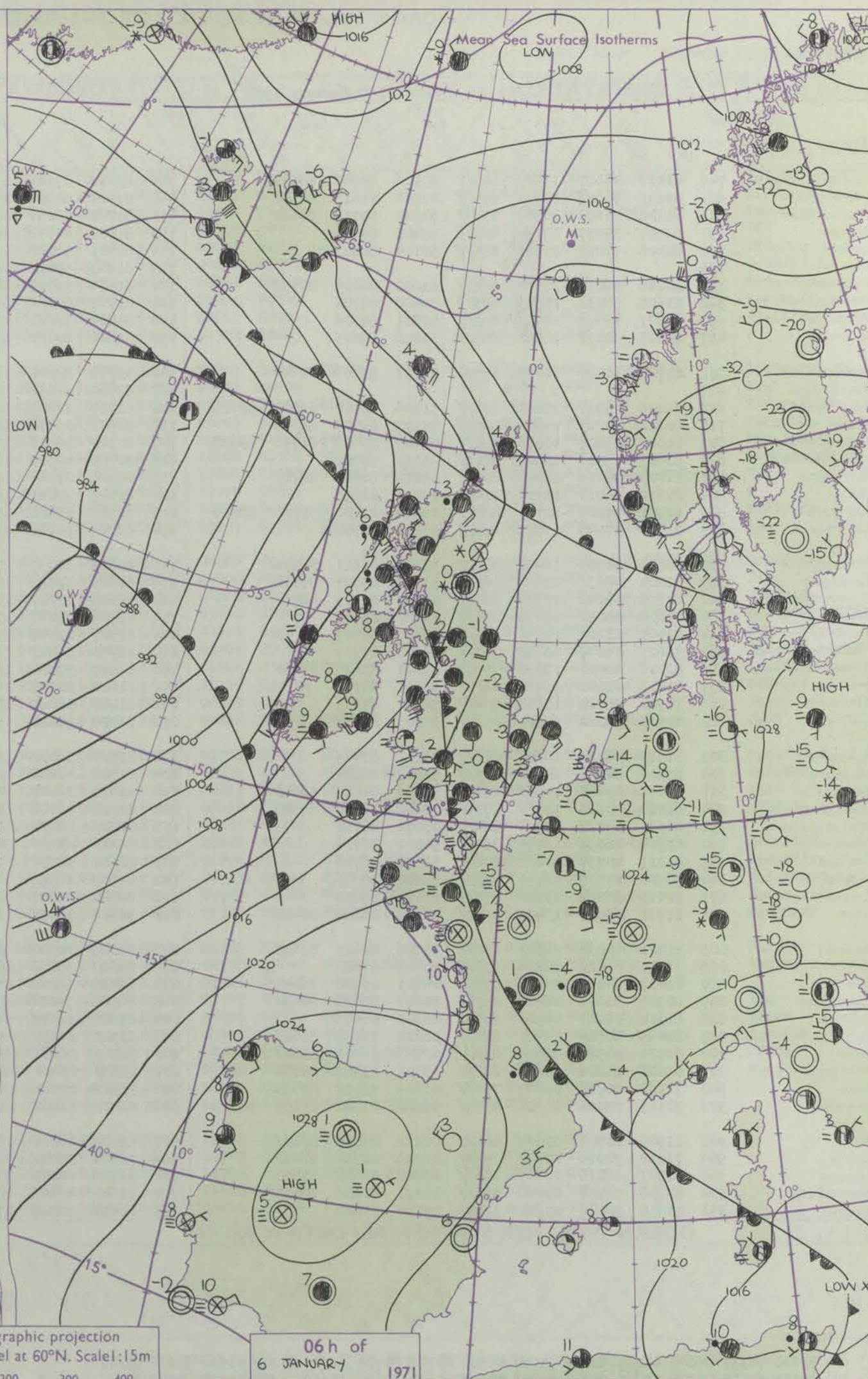
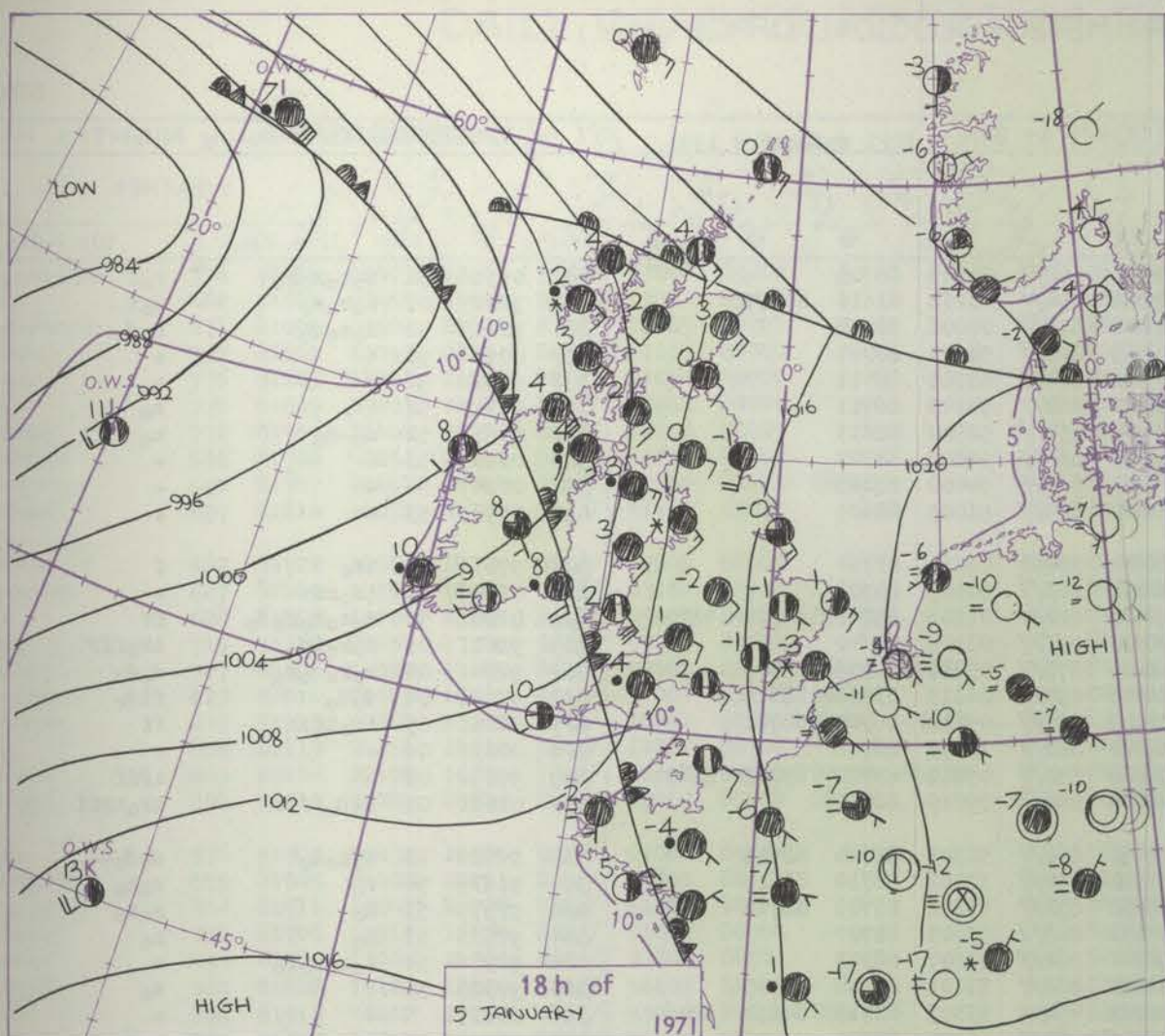


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

0 100 200 300 400

## GENERAL SYNOPSIS DEVELOPMENT

The complex area of low pressure in mid-Atlantic will persist. The anticyclone which was east of Iceland yesterday morning has moved southeast into Scandinavia and will continue moving away southeast. The frontal trough from the Hebrides to

central southern England continues moving slowly northeast spreading milder air to all parts of the British Isles; whilst further frontal troughs moving in from the southwest will maintain this milder airflow.

Issued at midday Wednesday 6

January 1971



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

No. 398

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code FM II.D	
		6 January 1971										6 January 1971																					
Station		iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RRT <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station								
																								21h.—03h.	03h.—09h.								
Boscombe Down		746	81410	48687	15900	853//	50106	84706	88623		746	81410	37107	17701	862//	01308	88703				746	01516	50	S <sub>0</sub> S <sub>0</sub> R <sub>0</sub> R <sub>0</sub>	r <sub>0</sub> f	Boscombe Down							
Hurn		862	81606	70027	15603	854//	01104	81615	88631		862	81604	60022	17704	854//	03212	83616	88647			862	92025	01	R <sub>0</sub> S <sub>0</sub> R <sub>0</sub>	d <sub>0</sub> f	Hurn							
Thorney Island		871	81208	30682	16902	7747//	51004	87712	88460		871	81003	48057	18402	873//	01006	88708			871	91013	52	R <sub>0</sub> S <sub>0</sub> D <sub>0</sub>	d <sub>0</sub> d <sub>0</sub>	Thorney Island								
Manston		797	82007	50057	19154	863//	55400	88706			797	81902	42052	20353	863//	54203	88707			797	00546	55	+	+	Manston								
Gatwick		776	81406	57052	17651	854//	53104	88613			776	80701	50057	19451	864//	53305	88711			776	97526	52	+	h <sub>0</sub>	Gatwick								
Kew		775									775	81204	59022	18950	864//	52205	88711			775	97513	52	+	S <sub>0</sub>	Kew								
Heathrow		772	81208	56032	17351	6547//	53002	86618	88359		772	81306	56027	18950	854//	52500	88613			772	91513	52	S <sub>0</sub> -h <sub>0</sub>	h <sub>0</sub>	Heathrow								
Honington		586	81508	58032	18553	863//	55400	88708			586	81708	50022	19653	863//	54002	88707			586	00535	53	+	+	Honington								
Wattisham		590	81607	40022	18753	863//	55801	88706			590	81804	37022	19653	862//	54000	88705			590	00547	54	+	+	Wattisham								
Gorleston		497	81615	60032	18551	855//	53106	88625			497	81616	60022	19301	855//	51005	88625			497	00525	53	+	+	Gorleston								
Aberporth		502	61723	61036	11202	65300	01217	83708	84640		502	31720	32100	13804	36400	03211	83710			502	97011	53	ir <sub>0</sub>	f	Aberporth								
Ross-on-Wye		627									627	81902	24052	16401	863//	00105	88708			627	01505	51	is <sub>0</sub> rs	+	Ross-on-Wye								
Filton		628	81105	48567	15201	853//	51206	82707	86710	88626	628	81307	28105	16702	862//	01108	83703	86704	88705		628	01001	50	S <sub>0</sub> S <sub>0</sub> h <sub>0</sub> R <sub>0</sub> D <sub>0</sub>	ff	Filton							
Rhoose		715	80912	60217	14302	862//	01107	82705	88709		715	90910	03476	16003	9//	03108	89/00			715	93011	01	R <sub>0</sub> R <sub>0</sub> ir <sub>0</sub>	ir <sub>0</sub> ff	Rhoose								
Chivenor		707	81008	59606	13005	853//	03209	83708	86710	88628	707	80907	56516	15606	873//	05211	82706	88709		707	92041	04	R <sub>0</sub> R <sub>0</sub> D <sub>0</sub> R <sub>0</sub>	d <sub>0</sub> d <sub>0</sub>	Chivenor								
Mount Batten		827	81007	19516	13405	871//	05210	88702			827	82002	40505	16306	853//	06113	83706	88615		827	94041	04	d <sub>0</sub> d <sub>0</sub>	f <sub>1</sub> d <sub>0</sub>	Mount Batten								
St. Mawgan		817	81005	58216	13008	862//	08213	86703	88705		817	81906	07464	15809	860//	09110	86700	88701		817	02051	05	ir <sub>0</sub> ir <sub>1</sub> f	ff	St. Mawgan								
Scilly		804	22610	66011	13210	21400	09220	82818			804	82307	57021	15610	863//	10215	88706			804	00091	06	+	+	Scilly								
Culdrose		809	82502	37026	12709	850//	09216	83700	85704	88616	809	82506	35022	15709	850//	09211	83700	85705	88611		809	97052	05	+	ifff	Culdrose							
Guernsey		894	81704	07445	15005	860//	05212	88700			894	82310	10106	17409	860//	09210	88700			894	01021	01	d <sub>0</sub> d <sub>0</sub> ffdr	ir <sub>0</sub> irff	Guernsey								
Elmdon		534	81608	30702	16452	3542//	53104	83611	88556		534	81810	30057	17451	862//	52305	83704	88705		534	97526	53	S <sub>0</sub> S <sub>0</sub> D <sub>0</sub>	d <sub>0</sub> d <sub>0</sub> f	Elmdon								
Cardington		559	71204	48052	17652	763//	53400	85707	87712		559	81505	56037	18851	854//	52302	86710	88615		559	91535	54	S <sub>0</sub>	S <sub>0</sub> S <sub>0</sub>	Cardington								
Wittering		462	81506	40042	17753	862//	54002	85705	88707		462	81508	23707	18552	872//	53302	83705	88710		462	97535	53	S <sub>0</sub>	S <sub>0</sub> S <sub>0</sub>	Wittering								
Watnall		354	81608	40042	17153	863//	54202	88706			354	81706	28047	17752	863//	53303	88707			354	97533	53	S <sub>0</sub>	S <sub>0</sub>	Watnall								
Shawbury		414	81409	23227	14751	863//	52106	88707			414	81507	21047	15901	862//	51307	88703			414	92516	51	S <sub>0</sub> S <sub>0</sub> R <sub>0</sub> S <sub>0</sub>	+	Shawbury								
Finningley		360	71609	56042	16852	763//	54000	87709			360	81709	56047	17252	863//	53101	85708	88715		360	97525	53	+	S <sub>0</sub>	Finningley								
Kilnsea		396	82016	60021	17751	3551//	53001	83625	88460		396	81917	57031	18452	4541//	53303	82715	84630	88460		396	00535		+	+	Kilnsea							
Leeming		257	81613	23042	15951	862//	53801	88705			257	81614	20047	16052	862//	53704	88704			257	97525	52	is <sub>0</sub>	S <sub>0</sub> S <sub>0</sub>	Leeming								
Tynemouth		262	71920	58022	15650	756//	52400	87635			262	81920	58022	15051	856//	52803	88635			262	00526	53	+	+	Tynemouth								
Carlisle		222	81615	59022	12901	856//	54203	88635			222	81310	61022	13202	855//	53103	88620			222	91005	00	+	R <sub>0</sub> R <sub>0</sub> R <sub>0</sub>	Carlisle								
Valley		302	81619	66036	10405	863//	03211	88709			302	81724	56032	11907	863//	06209	88706			302	01031	03	rr	+	Valley								
Ringway		334	81410	50047	14850	855//	53202	88624			334	81510	40246	15500	872//	52003	81705	85706	88710		334	94513	52	S <sub>0</sub> S <sub>0</sub> D <sub>0</sub> R <sub>0</sub>	d <sub>0</sub> d <sub>0</sub> rr <sub>0</sub>	Ringway							
Squires Gate		318	81412	45687	13350	854//	51204	84615	88643		318	81411	36107	14000	853//	52023	85708	88624		318	01515	51	S <sub>0</sub> S <sub>0</sub> R <sub>0</sub> S <sub>0</sub> R <sub>0</sub> R <sub>0</sub>	R <sub>0</sub> R <sub>0</sub> RS <sub>0</sub> D <sub>0</sub> R <sub>0</sub>	Squires Gate								
Ronaldsway		204	81113	40616	10904	873//	03109	83706	88708		204	81510	40216	11607	872//	06001	81704	88705		204	02041	02	R <sub>0</sub> D <sub>0</sub> R <sub>0</sub> D <sub>0</sub> R <sub>0</sub>	ir <sub>0</sub> d <sub>0</sub>	Ronaldsway								
Mull of Galloway		131	81625	64022	08903	864//	03206	88710			131	81818	16054	08305	863//	05803	88708			131	01031				Mull of Galloway								
Eskdalemuir		162	81507	48052	12951	864//	54002	88714			162	82003	48057																				



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39858

Date of Issue      Thursday 7 January 1971

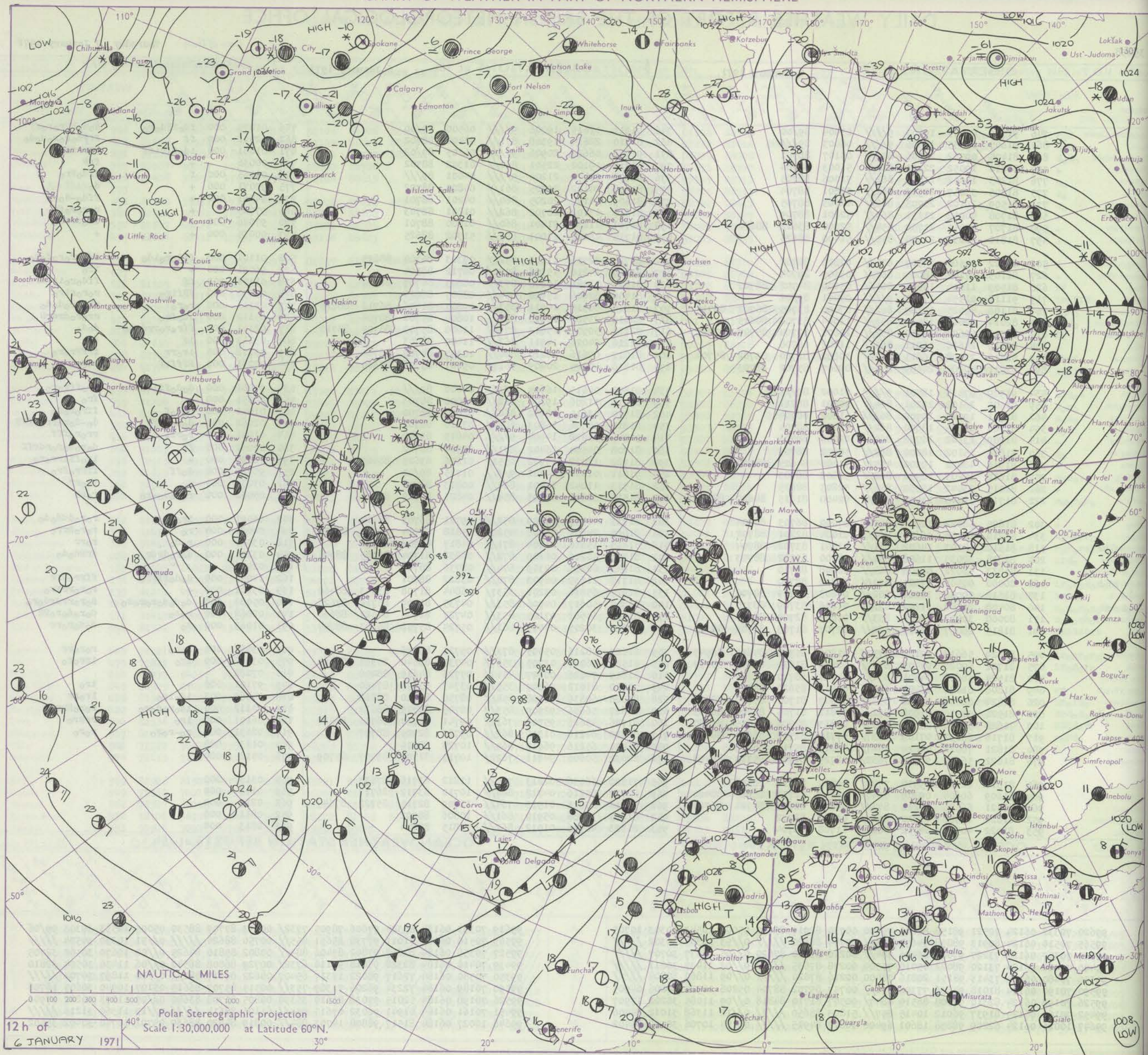
OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
6 January 1971										6 January 1971															
Station	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> C <sub>h</sub> M <sub>h</sub>	T d app	B <sub>N</sub> S <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	B <sub>N</sub> S <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	B <sub>N</sub> S <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> C <sub>h</sub> M <sub>h</sub>	T d app	B <sub>N</sub> S <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	B <sub>N</sub> S <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	B <sub>N</sub> S <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT T x F	SSS	WEATHER			
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	91709	00475	19603	9////	03004	89/00			746	91911	02615	19006	9////	06500	89/00				746	01075	000	fdoFFdoro	dodoFFrroRoff	
Hurn	862	91607	03455	19506	9////	06003	89///			862	81810	22614	19308	871//	08400	88702				862	02091	000	ff	fffdororododo	
Thorney Island	871	81405	09502	21006	870//	05107	88701			871	91709	06624	20906	9////	06205	89/02				871	01061	000	idoFFfriff	FFrrfff	
Manston	797	81810	19052	22101	862//	51003	88704			797	81714	19102	22501	861//	01302	88702				797	00036	+	+	fff	
Gatwick	776	81203	18052	21601	862//	51006	88705			776	91608	03472	21204	9////	04001	89///				776	00065	000	f	ffdofro	
Kew	775	81805	37057	20503	862//	02801	88704			775	81608	24102	19205	861//	04006	88702				775	92071	000	+	dodaRfddo	
Heathrow	772	81509	26102	20703	862//	02003	88705			772	81609	10104	20205	860//	04201	88701				772	94061	000	+	ffdof-doro	
Honington	586	81708	40052	21151	863//	52801	88709			586	81610	17102	20702	862//	01801	88703				586	97025	+	+	roroRoff	
Wattisham	590	81707	20051	21750	854//	52000	83612	88640		590	81711	11284	21401	860//	01000	88701				590	97026	000	+	froffTF	
Gorleston	497	81810	48032	21200	855//	51400	88625			497	81715	48022	21001	855//	51302	88625				497	00035	000	+	+	
Aberporth	502	81722	14504	14307	871//	07806	88702			502	81724	32516	11309	852//	09303	86704	88625			502	01101	000	ffdoroIdo	idorrrorododo	
Ross-on-Wye	627	82105	17102	18004	862//	03104	88704			627	81810	24216	15308	8022/	08712	88505				627	96091	000	+	iro	
Filton	628	81509	11104	18405	861//	05008	84702	88703		628	81605	13584	16608	873//	08803	86709	88712			628	01101	000	ff	ffdoroIrdodr	
Rhoose	715	91116	01454	17705	9////	05001	89/02			715	81408	62606	15708	854//	08807	88611				715	03091	000	FFfirro	roroRiro	
Chivenor	707	81106	50025	17109	862//	07000	83705	86707	88710	707	81816	60516	14911	853//	09807	81706	86712	88618		707	02111	000	roro	rRdorododo	
Mount Batten	827	82014	24025	18411	853//	11004	83706	88615		827	82018	23586	16910	871//	10804	85702	88704		827	05112	000	idofro	rrrorrdodrR		
St. Mawgan	817	81913	50604	17210	852//	10801	82704	85707	87612	817	82116	50506	15611	871//	11000	85702	86705	88710		817	02111	000	ffrroRrdodo	dodo	
Scilly	804	82119	24616	16011	863//	11802	88708			804	82216	24026	14511	862//	11400	88703				804	03112	000	ir	+	
Culdrose	809	82116	22104	16811	5602/	10802	82700	83702	85704	809	82117	07616	16210	860//	10307	84700	88701		809	03112	000	irorr	irFFrroRo		
Guernsey	894	82211	40284	20609	871//	09007	85702	88703		894	81816	45205	20409	5617/	09001	85702	87360		894	97091	000	FFffif	ido		
Elmdon	534	91909	07435	18501	9////	01002	89///			534	91811	04615	16604	9////	04808	89///				534	94061	000	dodoFFfidoff	iroffrro	
Cardington	559	81505	26102	20201	864//	00801	88711			559	81710	11286	19204	862//	04000	88703				559	94051	000	+	fro	
Wittering	462	81711	19047	19700	862//	51802	88704			462	81710	03615	18602	860//	02804	88700				462	01041	000	rodof	ffrroRodo	
Watnall	354	81706	02515	18800	862//	51001	88704			354	81810	04506	16803	861//	03810	88702				354	02062	000	dodoFFff	do-dorrorroffFF	
Shawbury	414	81709	13102	16702	860//	02000	88701			414	91507	05626	14004	9////	04815	89/00				414	01081	000	rorff	rrroRoff	
Finningley	360	81808	15102	18200	862//	50802	88703			360	81708	04584	16402	871//	02709	88702				360	02041	000	ff	doroRordrff	
Kilnsea	396	81916	48022	19200	4552/	51400	84625	88460		396	81922	12022	17902	4551/	01806	83625	88460		396	96025	000	+	iroffirrrro		
Leeming	257	81612	12205	16951	862//	51802	88703			257	91611	01456	14401	9////	01715	89/00				257	95025	000	doff	ffTrroFro	
Tynemouth	262	82015	23042	15550	856//	52803	88635			262	81913	11042	13001	862//	00813	88704				262	03035	000	+	irorr	
Carlisle	222	81711	58046	13404	854//	02400	81715	84620	88630	222	81515	32616	09405	854//	04821	84712	88630		222	05081	000	rorodo-ro	rorR		
Valley	302	81625	58022	12907	862//	07000	86703	88704		302	81737	33405	08609	852//	09721	86703	88614		302	03091	000	irorr	rorodddodo		
Ringway	334	81510	20106	16603	860//	01004	82701	88702		334	81615	24656	13406	4522/	05818	82704	84625	88550		334	04071	000	ro	roroRrrro	
Squires Gate	318	81512	14107	14602	861//	01801	83702	88704		318	81415	15616	11504	871//	04817	83702	88704		318	03061	000	rodo	rorR		
Ronaldsway	204	81818	32035	11608	861//	08000	83702	88703		204	81737	30502	06209	872//	08838	81704	86705	88706		204	03101	000	doroRdr	drRdodo	
Mull of Galloway	131	81833	58022	08708	864//	06808	88710			131	81843	62256	02309	874//	08736	88710				131	02091				
Eskdalemuir	162	80000	07507	13301	870//	50802	88700			162	81717	11635	08903	870//	03822	88701				162	14055	000	dodoFFrro	ffrroRrr	
Prestwick	135	81512	50046	10004	862//	04803	81705	88706		135	81929	25616	03208	3537/	06844	81708	83643	88460		135	03101	000	+	rororrro	
Abbotsinch	140	80408	24586	11202	873//	01806	83709	88710		140	81307	50617	04906	853//	04735	81709	85712	87626		140	05082	000	dododoroRoso	dorrrdrdoro	
Leuchars	171	80000	30237	12001	853//	01805	82708	88617		171	81811	60582	07105	853//	04727	81708	84622	88630		171	02062	000	roSo	doroRoroDR	
Dyce	091	81815	28057	11603	862//	02707	81703	86704	88705	091	81626	21302	07005	861//	05724	85702	86703	88704		091	01065	000	ro	doroRrr	
Lerwick	005	81629	56618	10104	6732/	01826	85708	84615	88545	005	81626	27482	05005	873//	05725	88706				005	03062	000	roro	rororr	
Wick	075	81721	60026	07405	6567/	02715	81635	86645	88459	075	81525	23560	02705	3567/	04733	83640	85360	88464		075	03062	000	iro	irrroro	
Sule Skerry	010	81524	58608	04505	874//	04717	88710			010	81619	74026	00107	4547/	07726	84615	88458		010	07082					
Cape Wrath	049	81806	81026	03407	5551/	02712	85620	88460		049	71810	81012	96307	3551/	03747	83620	87460		049	97101	000	+	iro		
Stornoway	026	81824	60606	03108	853//	07807	81706	85710	88615	026	81626	28606	06336	94508	854//	08750	85710	88616		026	04062	003	idoiro	irorr	
Benbecula	022	81521	58216	01908	852//	08812	81705	86707	88615	022	81626	27566	09209	853//	08745	83706	88612		022	10112	000	idoroRoro	roroRrr		
Tiree	100	71628	58056	03709	5637/	08813	84706	84615	86360	100	81737	36456	09509	7632/	09741	84707	86711	88522		100	06101	000	iro	rrrrro	
Aldergrove	917	81716	63032	07109	6537/	07715	82708	86623	88459	917	81828	20642	01310	862//	09722	82705	88707		917	02131	000	ro-roRo	roRo		
Malin	980	81821	70022	03610	5647/	07819	85715	88459		980	81929	21652	09612	864//	10724	88714				980	0113	000			
Belmullet	976	81622	56616	09509	7632/	08729	84708	85715	88458	976	82030	32506	09481	7622/	10715	81705	83707	85709		976	0512	000			
Birr	965	81616	62606	05910	7742/	09825	87712	88459		965	71821	82066	02213	754//	11812	83716	87633		965	0313	000				
Dublin	969	81609	60604	09309	5547/	08812	82713	85635	88460	969	82017	10652	04712	864//	10710	83712	86717		969	0113	000				
Shannon	962	81621	66586	04211	873//	09828	82708	84714	86720	962	71717	16800	01913	764//	11709	82715	85721	87645		962	0213	000			
Roches Point	952	81824	15584	07910	861//	09820	88702			952	81929	23328	05910	861//	10806	88702				952	0811	000			
Valentia	953	81922	40586	04012	862//	11708	88704			953	81828	23405	01012	862//	12815	88704				953	0813	000			

Code FM 21.D	OCEAN WEATHER STATION REPORTS at 12h.															Code FM 21.D	OCEAN WEATHER STATION REPORTS at 18h.														
	O.W.S.	99L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGI <sub>w</sub>	Ndfff	VVwwwV	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> sapp	8N <sub>0</sub> Ch <sub>0</sub> h <sub>0</sub>	8N <sub>0</sub> Ch <sub>0</sub> h <sub>0</sub>	OT <sub>0</sub> T <sub>0</sub> T <sub>0</sub> T <sub>0</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>		O.W.S.	99L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGI <sub>w</sub>	Ndfff	VVwwwV	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> sapp	8N <sub>0</sub> Ch <sub>0</sub> h <sub>0</sub>	8N <sub>0</sub> Ch <sub>0</sub> h <sub>0</sub>	OT <sub>0</sub> T <sub>0</sub> T <sub>0</sub> T <sub>0</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>
A	99620	70332	06124	70521	98158	86205	79400	00730	82917	85625	05004	10543	30303	1070705		A	99619	70333	06184	80324	97606	78905	7732/	00733	87709	88530	05005	10553	30303	99/06	
B	99565	70510	06124	80913	98858	94651	855//	00744	88620	////	0//53	10305	30302	////		B	99565	70510	06184	81011	97738	85651	855//	00750	88620	////	0//51	10330	30504	////	
C	99527	70357	06124	73227	97025	86406	784//	00210	83810	87620	0//05	10677	30707	////		C	99527	70358	06184	82817	97802	85406	834//	00802	85810	84625	0//04	10670	30502	32705	
D	99440	70410	06124	73120	98022	05010	75500	00278	87635	////	0//02	11435	30811	////		D	99439	70410	06184	82328	97618	99110	6732/	00729	86808	88540	0//06	11430	30504	32810	
E	99350	70480	06124	73413	98151	20816	78400	00216	87820	////	0//09	11860	30804	////		E	99350	70580	06184	72617	98022	17317	65407	00622	86617	882//	0//10	11897	30704	////	
I	99590	70190	06124	81018	94636	77308	871//	00757	85702	88704	05208	10924	30806	0490505		I	99590	70189	06184	72234	96206	71309	753//	00515	85707	86615	05107	10940	30605	18706	
J	99526	70198	06124	82310	97808	86510	4847/	00507	81710	84818	0//09	11085	30202	17907907		J	99526	70198	06184	52015	97038	83110	35330	00805	81708	83640	0//09	11073	30202	17906	
K	99452	70160	06124	81937	96012	10415	857//	51803	88650	////	0//12	11368	31012	2440606		K	99451	70161	06184	81941	96032	07615	854//	51106	88614	////	0//13	11360	31216	////	
M	99647	10026	06124	62209	98858	18601	69400	00817	84915	////	06154	10706	30502	35402402		M	99648	10027	06184	81517	98808	14703	884//	00819	84820	88630	05701	10740	30402	35402	

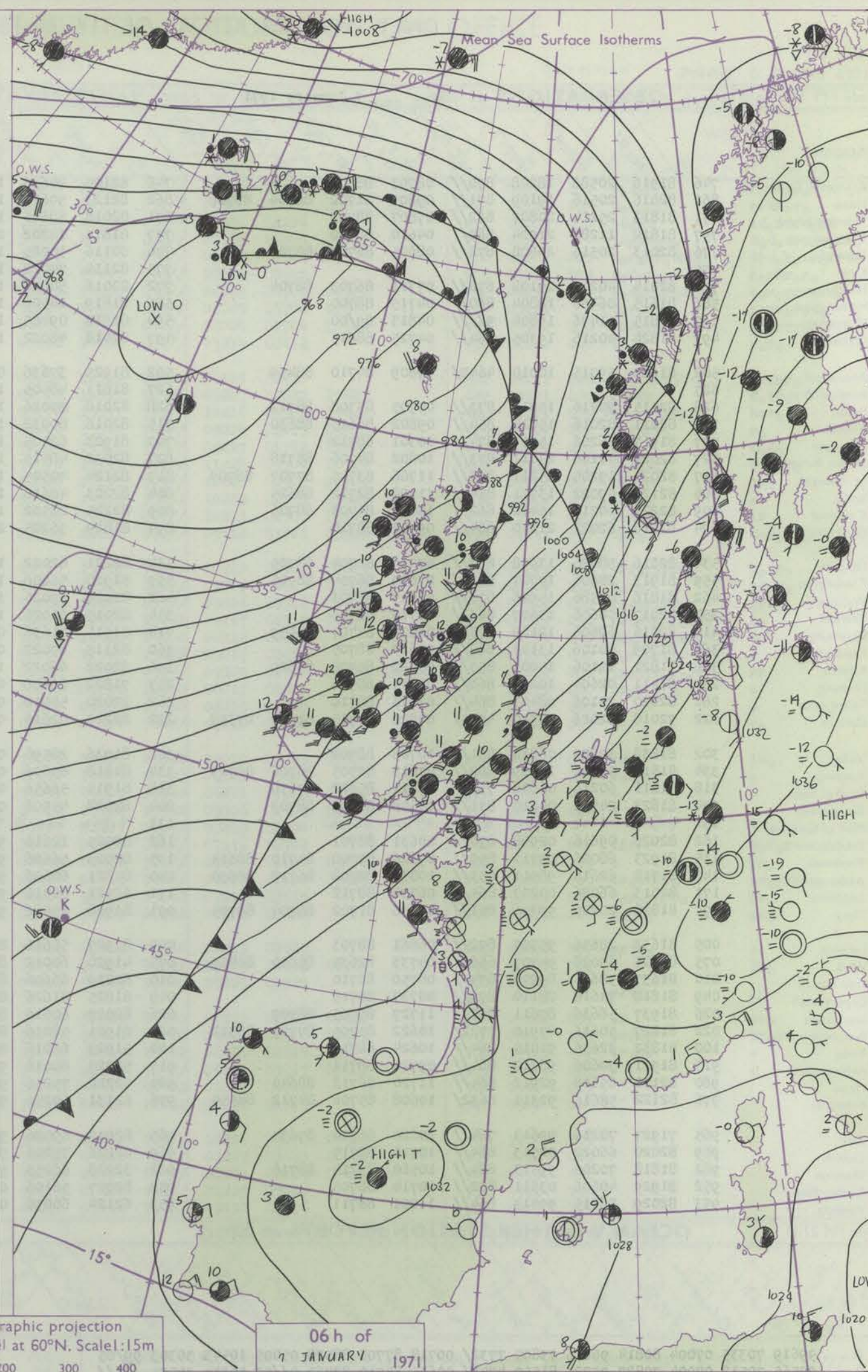
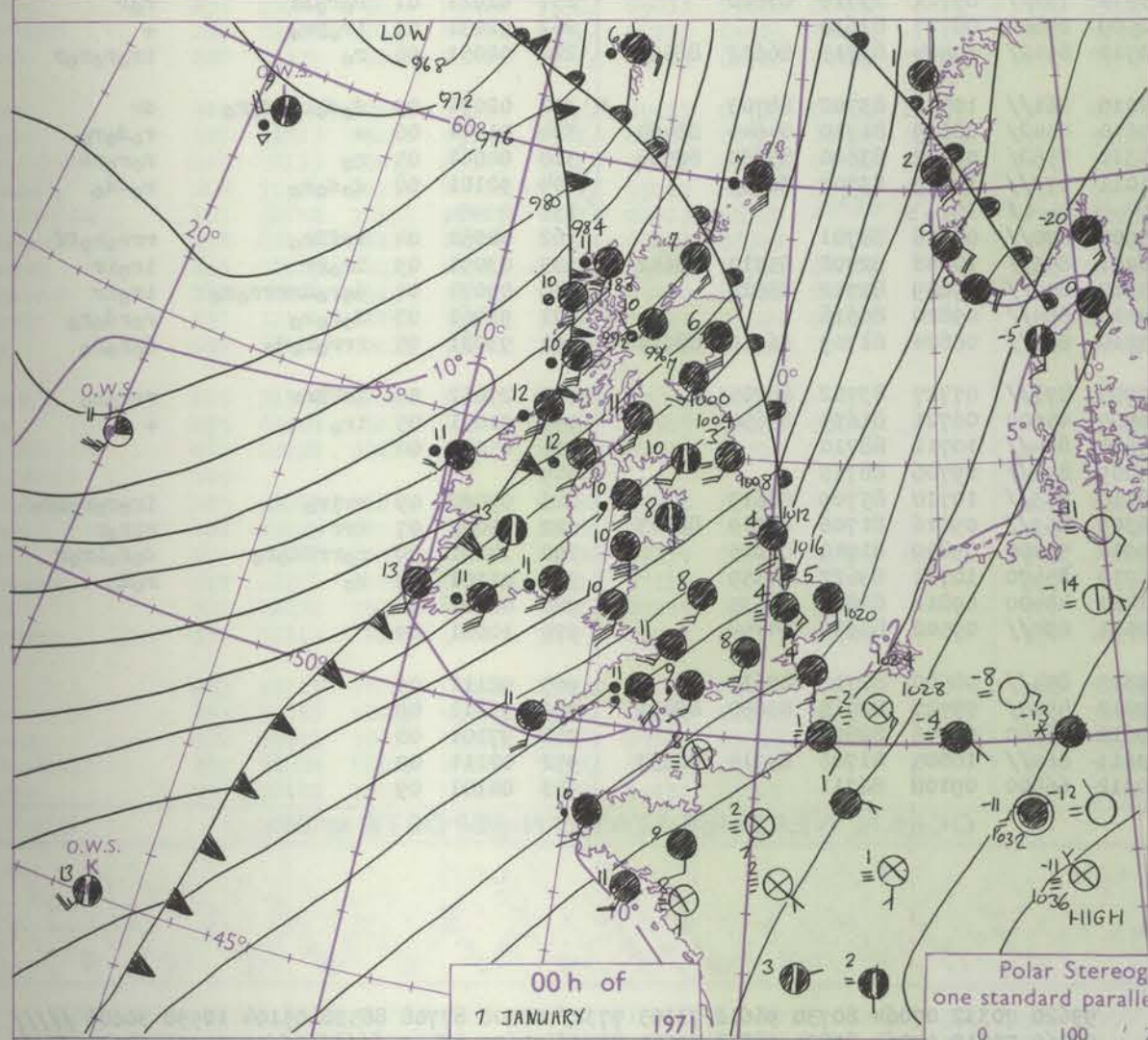
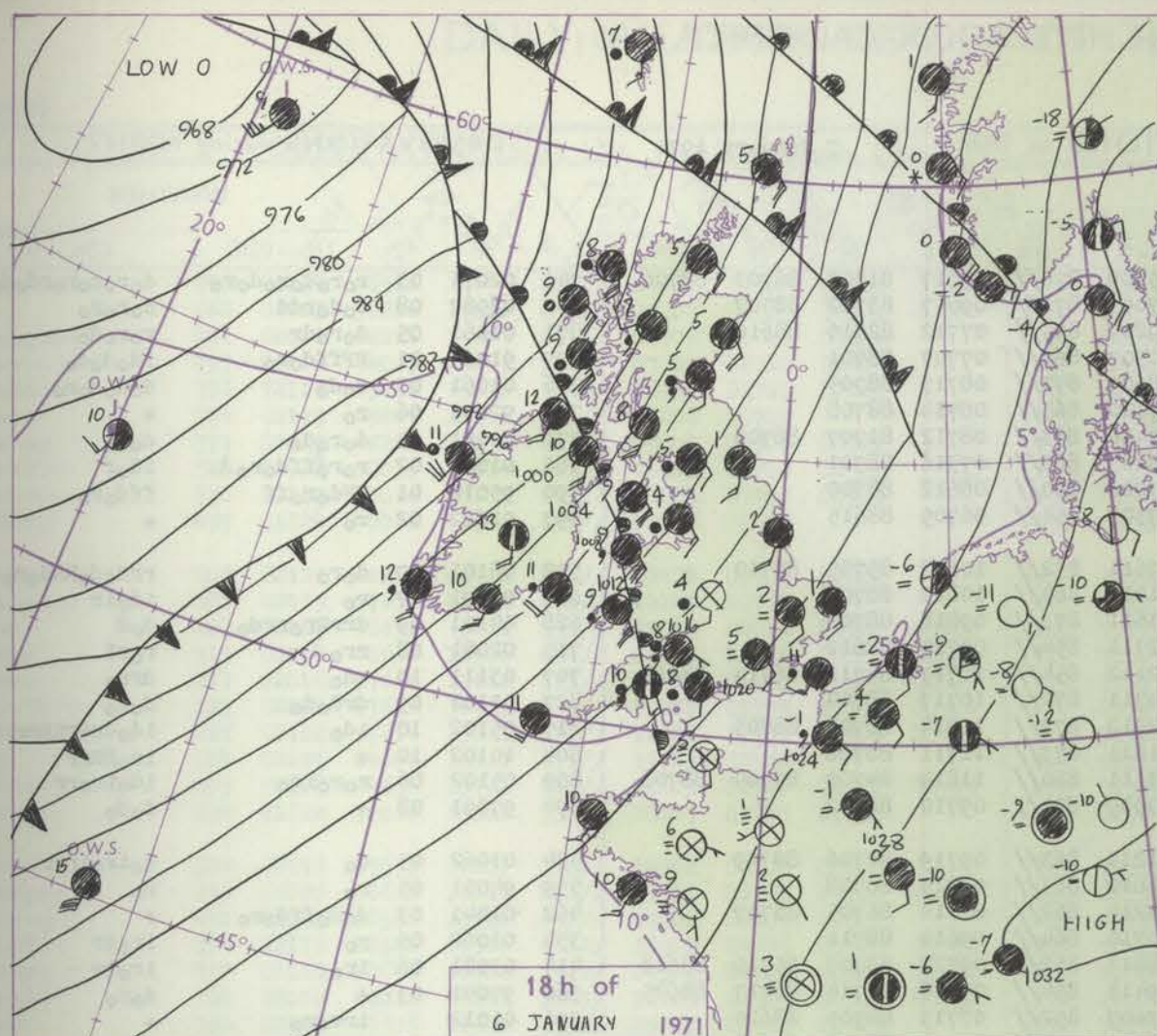
All times of observation printed in this publication are GREENWICH MEAN TIME.



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

## GENERAL SYNOPTIC DEVELOPMENT

The depression which yesterday was west of Ireland has moved northeast to near southern Iceland and will continue to move slowly northeast. A series of warm fronts has moved northeast over Britain bringing a mild airstream to all parts. The cold front with minor waves now over Ireland and western Scotland will move

east reaching the North Sea early tomorrow but another occluding frontal system is moving rapidly across the Atlantic and will be approaching western Ireland tomorrow morning.

Issued at midday Thursday 7 January 1971



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

Code FM I.I.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT				Code F
Station		iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station	
																								21h.—03h.	03h.—09h.	
Boscombe Down		746	81916	20586	18208	870//	08703	88701			746	82120	40636	15809	870//	09817	81701	86703	88706		746	02071	03	ro <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub>	do <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub> do <sub>o</sub>	Boscombe Down
Hurn		862	82016	20516	19109	871//	09802	81702	86704	88706	862	82123	50615	17009	871//	09817	83702	88707		862	02082	08	do <sub>o</sub> do <sub>o</sub> rd	do <sub>o</sub> ro <sub>o</sub>	Hurn	
Thorney Island		871	81813	25214	20807	862//	07807	88703			871	82018	58606	19207	854//	07712	82710	88616		871	01061	05	do <sub>o</sub> ro <sub>o</sub> dr	ro <sub>o</sub> ro <sub>o</sub>	Thorney Island	
Manston		797	81814	11286	21904	860//	04610	88700			797	81815	14202	20507	860//	07707	88701			797	91025	01	FFffdo <sub>o</sub>	id <sub>o</sub> do <sub>o</sub>	Manston	
Gatwick		776	82013	20516	20608	872//	08605	86703	88704		776	82116	50025	18609	872//	08715	88705			776	01061	03	do <sub>o</sub>	do <sub>o</sub> do <sub>o</sub> ro <sub>o</sub>	Gatwick	
Kew		775									775	82114	74022	17110	863//	08714	88708			775	92071	06	ro <sub>o</sub>	+	Kew	
Heathrow		772	82014	40206	19108	872//	07711	86703	88704		772	82016	58026	17410	863//	08712	81707	88708		772	93051	05	do <sub>o</sub> ro <sub>o</sub>	do <sub>o</sub> ro <sub>o</sub>	Heathrow	
Honington		586	81615	06466	18804	860//	04715	88700			586	81819	14506	16207	860//	07516	88701			586	01021	02	ro <sub>o</sub> FFffdo <sub>o</sub> ro <sub>o</sub> dr	id <sub>o</sub> ff	Honington	
Wattisham		590	91815	01476	19804	9////	04813	89/00			590	81913	09465	17706	860//	06612	88700			590	95012	01	FFffdo <sub>o</sub> ro <sub>o</sub> ff	ffdo <sub>o</sub> ro <sub>o</sub>	Wattisham	
Gorleston		497	81824	40216	19305	854//	04715	88615			497	82018	48022	17307	854//	06705	88615			497	01022	02	ro <sub>o</sub>	+	Gorleston	
Aberporth		502	81929	59015	10010	4647//	09809	84710	88459		502	81925	37636	07611	872//	10612	85705	88710		502	08101	09	do <sub>o</sub> ro <sub>o</sub>	rrdo <sub>o</sub> do <sub>o</sub> RRdo <sub>o</sub> ro <sub>o</sub>	Aberporth	
Ross-on-Wye		627									627	81811	48505	11211	863//	10812	88706			627	01091	07	ro <sub>o</sub>	id <sub>o</sub> air	Ross-on-Wye	
Filton		628	82115	69216	15711	873//	09705	85708	88712		628	82018	69026	13611	873//	09818	88708			628	04101	09	dr <sub>o</sub> rr <sub>o</sub> ro <sub>o</sub> rrdo <sub>o</sub>	do <sub>o</sub> R	Filton	
Rhoose		715	82011	82016	15010	854//	09802	86615	88630		715	82016	80032	12711	854//	09715	88612			715	02081	08	rr <sub>o</sub>	ro <sub>o</sub> RR	Rhoose	
Chivenor		707	81917	66206	15011	874//	10301	88712			707	81923	62505	12112	854//	10717	84712	86714	88620	707	03111	10	id <sub>o</sub>	dr <sub>o</sub> ro <sub>o</sub>	Chivenor	
Mount Batten		827	82024	40106	17011	873//	10802	84706	88718		827	82032	48515	14711	872//	10717	88704			827	01101	09	dr <sub>o</sub> do <sub>o</sub>	do <sub>o</sub>	Mount Batten	
St. Mawgan		817	82021	59205	15211	862//	11706	83705	87707	88709	817	82124	40505	12912	872//	11814	86703	88705		817	05102	10	id <sub>o</sub>	id <sub>o</sub> dr <sub>o</sub> dr <sub>o</sub> RRrr	St. Mawgan	
Scilly		804	82123	59022	13711	854//	11708	82712	88625		804	82223	48616	11811	873//	11711	88706			804	10102	10	+	ir <sub>o</sub> RRrr	Scilly	
Culdrose		809	82223	40216	15410	862//	10806	84703	88706		809	82225	28502	13111	860//	11814	84700	85704	88706	809	05102	06	ro <sub>o</sub> ro <sub>o</sub> ir <sub>o</sub>	id <sub>o</sub> airrr	Culdrose	
Guernsey		894	82016	62022	21010	864//	09702	88710			894	81819	56205	20009	854//	09710	88612			894	97091	08	+	do <sub>o</sub>	Guernsey	
Elmdon		534	82016	58026	13908	862//	07719	85704	88705		534	82221	62022	11211	863//	09719	82706	88709		534	01062	05	do <sub>o</sub>	do <sub>o</sub> ir <sub>o</sub> airdr	Elmdon	
Cardington		559	81913	28606	17707	862//	07609	86704	88705		559	81920	56606	14810	863//	09815	88708			559	94051	05	ro <sub>o</sub>	ro <sub>o</sub>	Cardington	
Wittering		462	81816	09586	15906	870//	06817	88701			462	82025	59026	13210	862//	08614	86705	88707		462	01041	03	do <sub>o</sub> do <sub>o</sub> ffdo <sub>o</sub> ro <sub>o</sub>	+	Wittering	
Watnall		354	82017	58606	13607	863//	07715	88706			354	82019	61026	10710	864//	09614	88711			354	01062	05	ro <sub>o</sub>	ir <sub>o</sub> air	Watnall	
Shawbury		414	82016	62606	12109	5732//	08504	84707	88459		414	81915	61636	08811	852//	09722	83703	85710	88618	414	03081	06	ir <sub>o</sub>	ir <sub>o</sub> rr	Shawbury	
Finningley		360	81709	50106	13107	862//	07612	88705			360	82115	69022	09411	854//	09718	85714	86717	88625	360	97041	03	+	do <sub>o</sub> ro <sub>o</sub>	Finningley	
Kilnsea		396	81821	12106	15004	853//	03720	85708	88625		396	82022	66022	12607	852//	07713	84705	88625		396	01012		ir <sub>o</sub> ro <sub>o</sub>	+	Kilnsea	
Leeming		257	81411	02604	10204	860//	04614	88700			257	71822	66606	05711	754//	09721	83718	87628		257	01021	01	ro <sub>o</sub> ro <sub>o</sub> ff	ro <sub>o</sub> r	Leeming	
Tynemouth		262	82020	24106	08403	864//	03616	88710			262	22020	58018	02509	25600	08717	82630			262	92031	01	ir <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub>	+	Tynemouth	
Carlisle		222	72018	62026	04710	4543//	07820	81715	84622	87358	222	82223	62616	00712	6542//	10824	83715	86622	88556	222	02051	06	ro <sub>o</sub>	ir <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub> r	Carlisle	



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39859

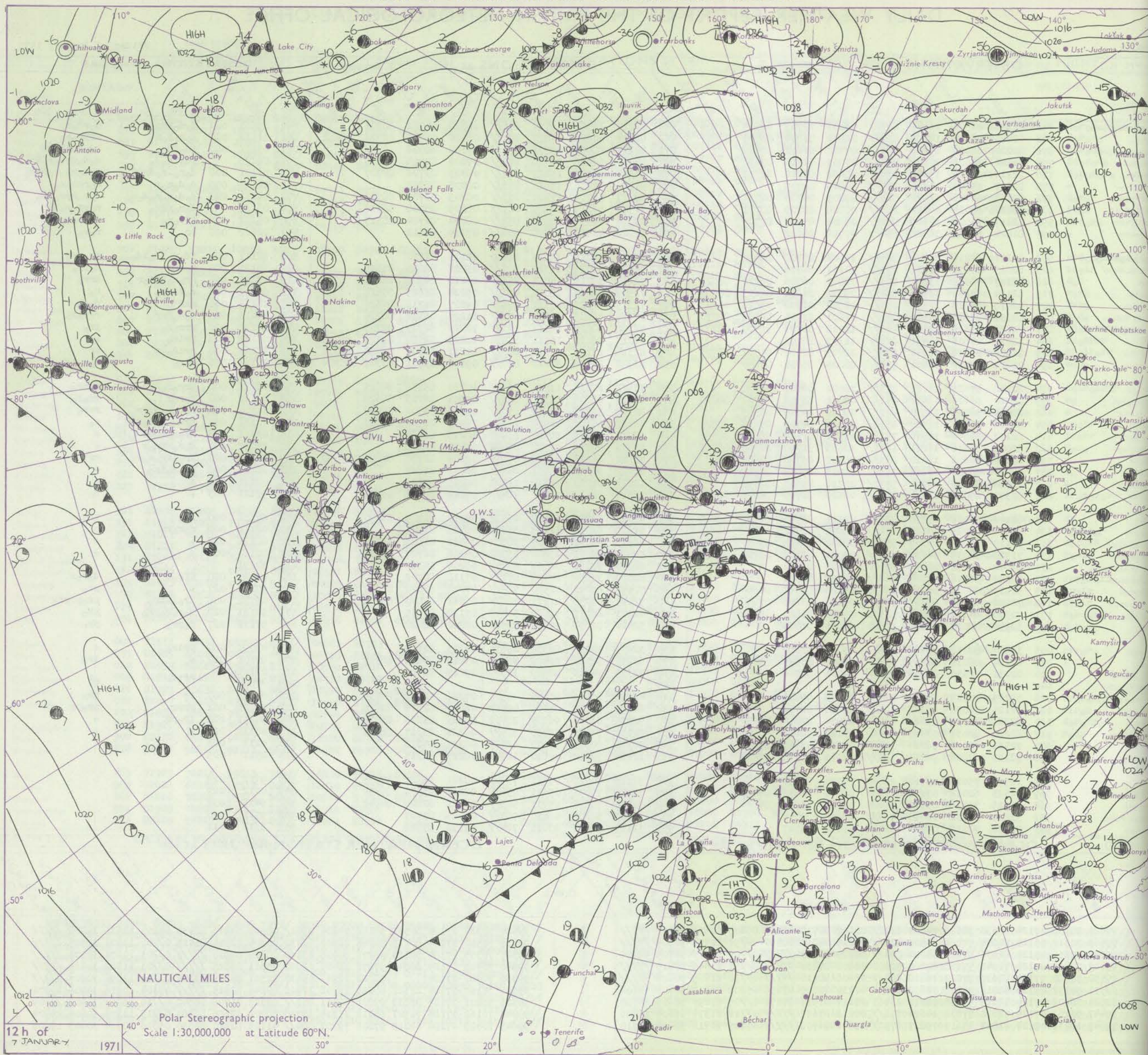
Date of Issue      Friday 8 January 1971

OBSERVATIONS at 12h.												OBSERVATIONS at 18h.												OBSERVATIONS during DAY											
7 January 1971												7 January 1971												7 January 1971											
Code FM 11.D												Code FM 11.D												Code FM 11.D											
Station												Station												Station											
iii												iii												iii											
Nddff												Nddff												Nddff											
VVwwwW												VVwwwW												VVwwwW											
PPPTT												PPPTT												PPPTT											
N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>												N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>												N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>											
T <sub>d</sub> app												T <sub>d</sub> app												T <sub>d</sub> app											
8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>												8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>												8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>											
8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>												8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>												8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>											
8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>												8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>												8N <sub>5</sub> Ch <sub>h</sub> h <sub>5</sub>											
WEATHER												WEATHER												WEATHER											
09h.—15h.												09h.—15h.												09h.—15h.											
15h.—21h.												15h.—21h.												15h.—21h.											
Boscombe Down												Boscombe Down												Boscombe Down											
Hurn												Hurn												Hurn											
Thorney Island												Thorney Island												Thorney Island											
Manston												Manston												Manston											
Gatwick												Gatwick												Gatwick											
Kew												Kew												Kew											
Heathrow												Heathrow												Heathrow											
Honington												Honington												Honington											
Watisham												Watisham												Watisham											
Gorleston												Gorleston												Gorleston											
Aberporth												Aberporth												Aberporth											
Ross-on-Wye												Ross-on-Wye												Ross-on-Wye											
Filton												Filton												Filton											
Rhoose												Rhoose												Rhoose											
Chivenor												Chivenor												Chivenor											
Mount Batten												Mount Batten												Mount Batten											
St. Mawgan												St. Mawgan												St. Mawgan											
Silly												Silly												Silly											
Culdrose												Culdrose												Culdrose											
Guernsey												Guernsey												Guernsey											
Elmdon												Elmdon												Elmdon											
Cardington												Cardington												Cardington											
Wittering												Wittering												Wittering											
Watnall												Watnall												Watnall											
Shawbury												Shawbury												Shawbury											
Finningley												Finningley												Finningley											
Kilnsea												Kilnsea												Kilnsea											
Leeming												Leeming												Leeming											
Tynemouth												Tynemouth												Tynemouth											
Carlisle												Carlisle												Carlisle											
Valley												Valley												Valley											
Ringway												Ringway												Ringway											
Squires Gate												Squires Gate												Squires Gate											
Ronaldsway												Ronaldsway												Ronaldsway											
Mull of Galloway												Mull of Galloway												Mull of Galloway											
Eskdalemuir												Eskdalemuir												Eskdalemuir											
Prestwick												Prestwick												Prestwick											
Abbotsinch												Abbotsinch												Abbotsinch											
Leuchars												Leuchars												Leuchars											
Dyce												Dyce												Dyce											
Lerwick												Lerwick												Lerwick											
Wick												Wick												Wick											
Sule Skerry												Sule Skerry												Sule Skerry											
Cape Wrath												Cape Wrath												Cape Wrath											
Stornoway												Stornoway												Stornoway											
Benbecula												Benbecula												Benbecula											
Tiree												Tiree												Tiree											
Aldergrove												Aldergrove												Aldergrove											
Malin												Malin												Malin											
Belmullet												Belmullet												Belmullet											
Birr												Birr												Birr											
Dublin												Dublin												Dublin											
Shannon												Shannon												Shannon											
Roches Point												Roches Point												Roches Point											
Valentia												Valentia												Valentia											

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

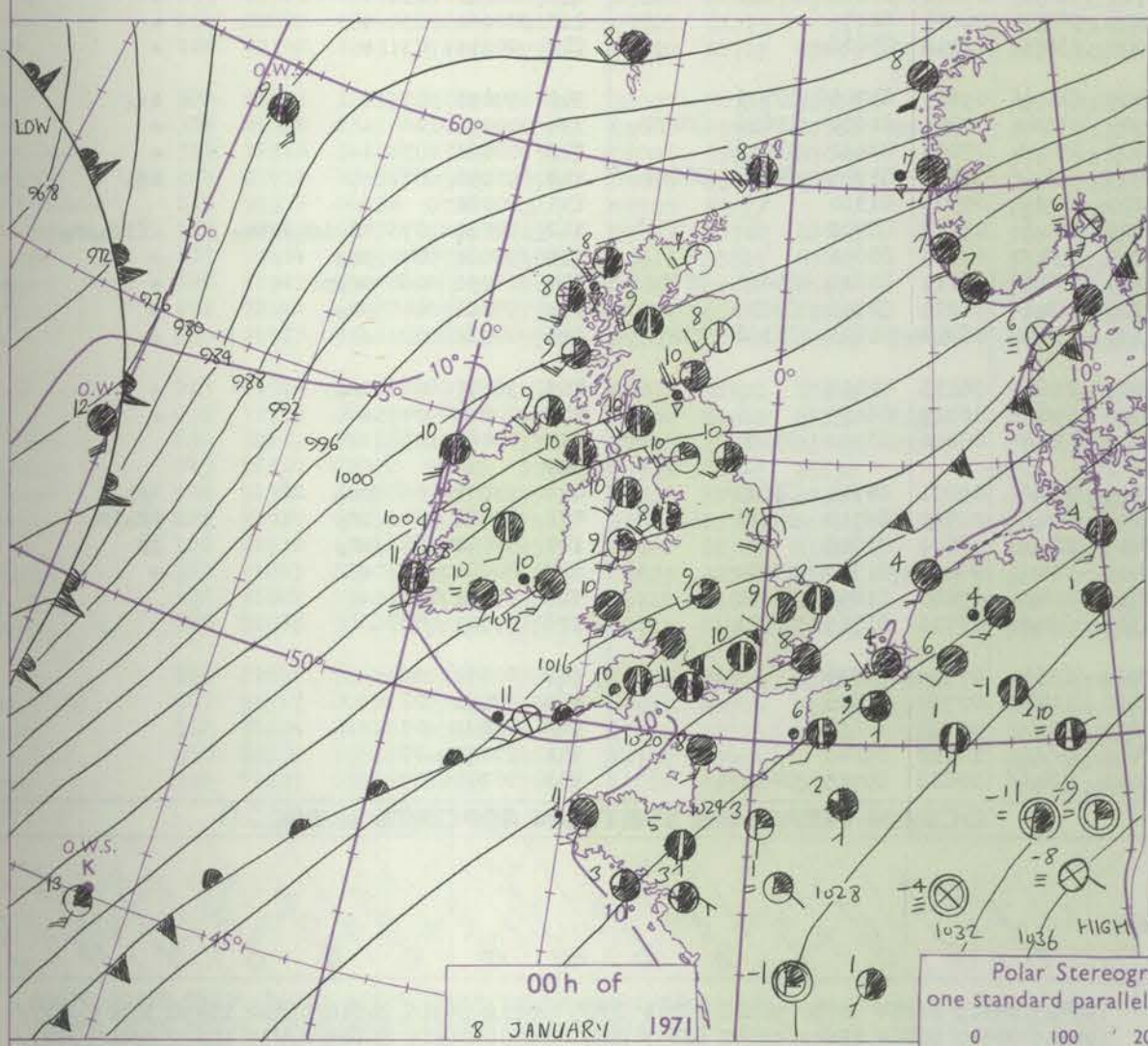
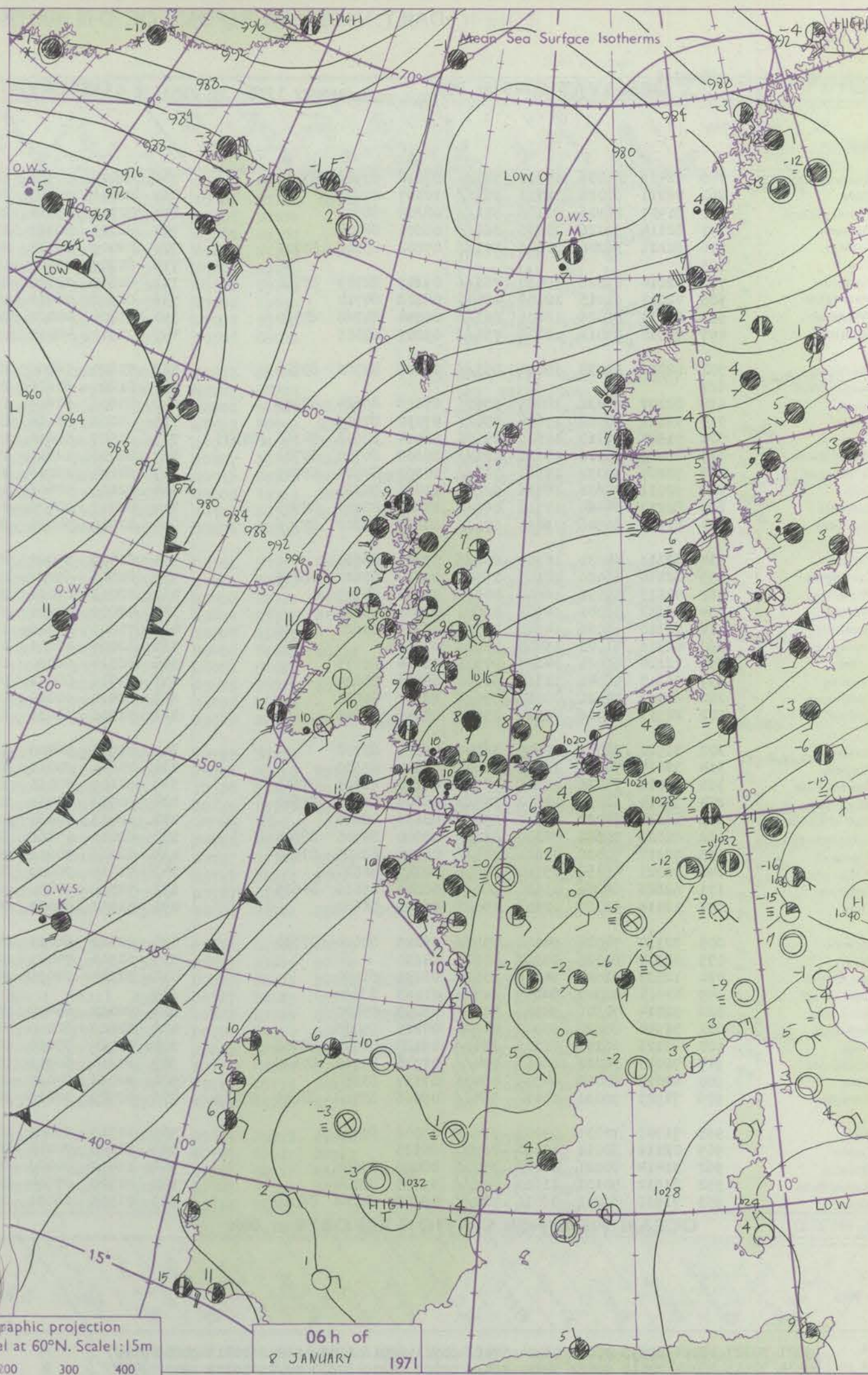
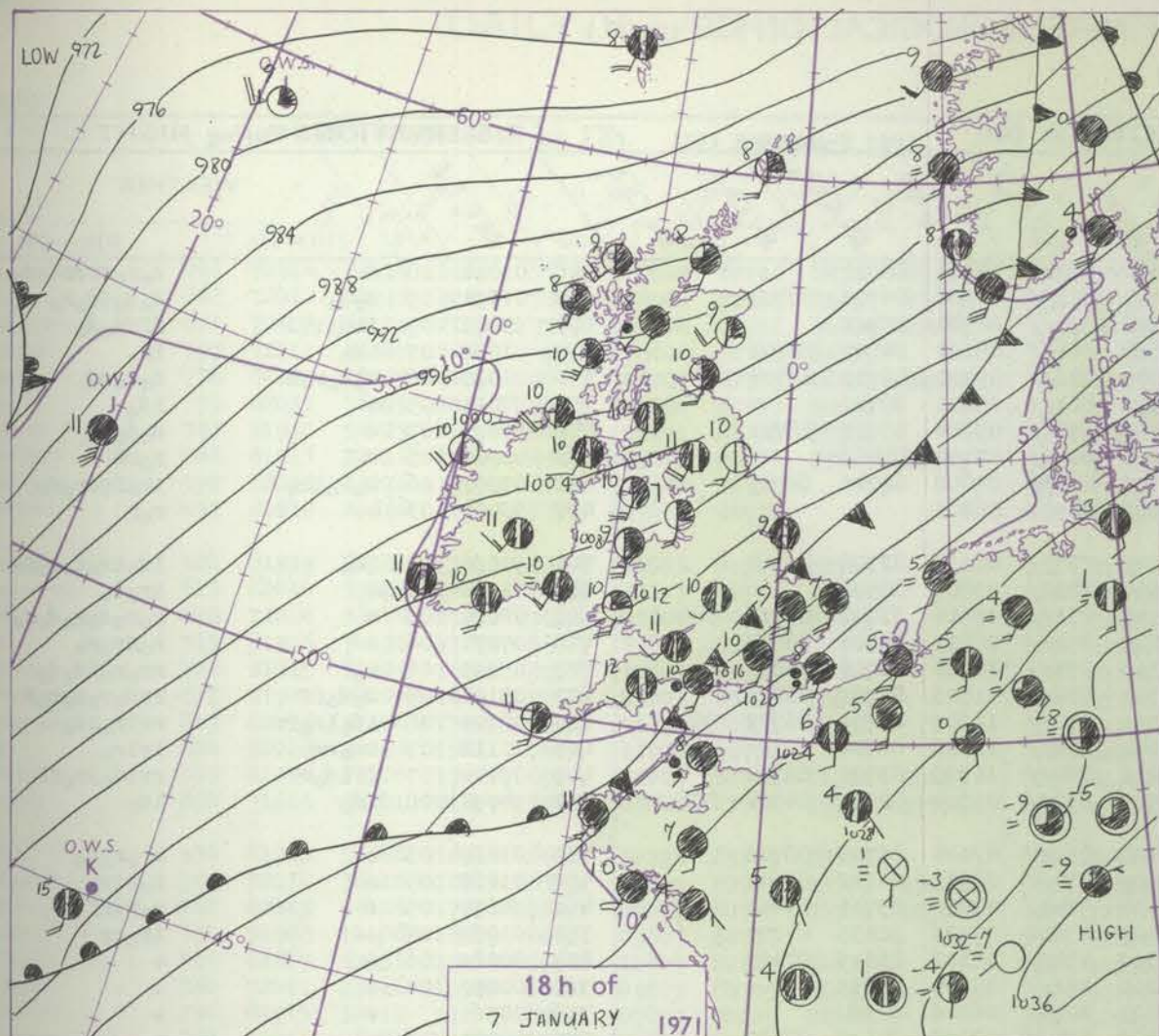


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 8

January 1971

Pressure has remained low in the central Atlantic and northeastwards to Iceland. Fronts moved east across much of the British Isles yesterday but have been reluctant to clear southern England. A further series of fronts will affect most

areas over the next 24 hours with a moist mild southwest airstream over the whole country.



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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										39860	
		8 January 1971										8 January 1971																				Code FM	
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RR <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station									
																						21h.—03h.	03h.—09h.										
Boscombe Down	746	72416	66036	19110	763//	09210	83708	87714		746	82013	17596	18310	870//	10704	88701			746	01091	08	f		d <sub>o</sub> r <sub>o</sub> ffdr <sub>o</sub> d <sub>o</sub>	Boscombe Down								
Hurn	862	72211	60026	19711	763//	10307	87707			862	82015	50585	18810	871//	10506	85702	88703		862	01091	09	d <sub>o</sub> d <sub>o</sub>		d <sub>o</sub> d <sub>o</sub> dd <sub>o</sub> r <sub>o</sub>	Hurn								
Thorney Island	871	81907	26106	21108	871//	08209	88702			871	82113	09514	20608	870//	08503	88700			871	93071	07	did <sub>o</sub> if		ffdd <sub>o</sub> d <sub>o</sub>	Thorney Island								
Manston	797	82114	59026	20808	862//	08501	88704			797	82113	58022	21608	861//	08102	84702	88703		797	01085	07	id <sub>o</sub>		ir <sub>o</sub>	Manston								
Gatwick	776	82211	36206	20609	871//	09202	85702	88703		776	82009	16535	20509	872//	09400	86703	88704		776	01091	08	d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> f		d <sub>o</sub> d <sub>o</sub> dd	Gatwick								
Kew	775									775	81706	40102	19710	861//	09801	88702			775	97091	05	+		id <sub>o</sub>	Kew								
Heathrow	772	72210	65026	19410	763//	09107	82709	87710		772	81805	22515	19309	870//	09804	85701	88702		772	97091	07	+		d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	Heathrow								
Honington	586	42011	61015	18109	46400	08108	84710			586	81908	56011	19608	8091//	07104	88468			586	02081	05	d <sub>o</sub>		r <sub>o</sub> rR	Honington								
Wattisham	590	82211	58026	18809	863//	08204	81708	88710		590	81808	48022	20107	863//	07002	82706	88707		590	01072	06	r <sub>o</sub> r <sub>o</sub> ir <sub>o</sub>		ir <sub>o</sub> fr <sub>o</sub> rr <sub>o</sub> r <sub>o</sub>	Wattisham								
Gorleston	497	71910	57012	18108	754//	07207	87615			497	01910	48011	19807	00900	06205				497	93061	03	+		r <sub>o</sub> r	Gorleston								
Aberporth	502	82016	59038	15010	853//	09209	84708	88620		502	71824	56205	12709	2737//	08613	82708	87360		502	91091	08	id <sub>o</sub>		id <sub>o</sub> ir <sub>o</sub> d <sub>o</sub> r <sub>o</sub> fr	Aberporth								
Ross-on-Wye	627									627	81805	60606	15910	8032//	09805	88508			627	01091	08	+		ir <sub>o</sub> d <sub>o</sub>	Ross-on-Wye								
Filton	628	82107	66032	18009	55507	07112	85624	88273		628	81608	37616	16710	851//	09610	83702	85712	88622		628	02081	05	+		r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	Filton							
Rhoose	715	72111	70012	17609	754//	07210	87615			715	81202	62616	16209	852//	08811	85705	88640		715	07071	06	+		r <sub>o</sub> Rr <sub>o</sub> r <sub>o</sub>	Rhoose								
Chivenor	707	71504	69012	17509	25538	08104	82622	84360	87275	707	81507	58616	15511	854//	10714	82711	88620		707	05091	06	r <sub>o</sub> r		rr <sub>o</sub> r <sub>o</sub> Rd <sub>o</sub> d <sub>o</sub>	Chivenor								
Mount Batten	827	82205	09516	19010	870//	10105	86700	88702		827	82033	12616	17311	870//	11505	82701	88702		827	05101	09	d <sub>o</sub> d <sub>o</sub> ff		rrd <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> R	Mount Batten								
St. Mawgan	817	72109	59032	17910	762//	10203	84704	86707		817	82114	23216	15911	870//	11609	83701	86702	88705		817	08101	08	id <sub>o</sub> ir <sub>o</sub> rr		rrir <sub>o</sub> id <sub>o</sub>	St. Mawgan							
Scilly	804	92011	08606	16711	9//	11001	89700			804	82113	48606	15011	872//	11609	88704			804	10112	09	ir <sub>o</sub> rr		irir <sub>o</sub>	Scilly								
Culdrose	809	82213	04444	17711	860//	11005	82700	88705		809	82217	08426	16211	860//	11508	83700	88704		809	09102	07	ffid <sub>o</sub> rr		rrid <sub>o</sub> ir <sub>o</sub> ff	Culdrose								
Guernsey	894	81915	56506	21210	871//	10803	85702	87703		894	81916	50025	20909	852//	09504	82703	84704	87641		894	94091	08	id <sub>o</sub>		id <sub>o</sub>	Guernsey							
Elmdon	534	62311	64031	16509	656//	07207	86630			534	81906	59022	17108	862//	07004	85705	88706		534	01082	05	+		rr <sub>o</sub> r <sub>o</sub> d <sub>o</sub>	Elmdon								
Cardington	559	82114	66026	18109	15507	09210	81620	88275		559	81806	59622	18909	854//	08501	86712	88640		559	01082	05	+		r <sub>o</sub> rir <sub>o</sub>	Cardington								
Wittering	462	42115	59031	16608	40930	07106	84359			462	72012	69021	18108	5641//	07400	85711	87465		462	04071	05	+		r <sub>o</sub> Rdrf	Wittering								
Watnall	354	12113	56041	14907	15600	07003	81635			354	72009	40101	17107	25608	07103	82635	87270		354	01072	04	+		ir <sub>o</sub> rr	Watnall								
Shawbury	414	72110	66026	14910	755//	08109	83620	87626		414	71805	69022	15309	3542//	08102	83615	87465		414	00081	06	+		+	Shawbury								
Finningley	360	02316	61020	13409	00900	07001				360	82007	48101	16208	856//	08104	88635			360	00051	04	+		+	Finningley								
Kilnsea	396	12120	66021	14207	00901	06214	81075			396	32314	66020	16807	20941	06206	82360			396	00061		+		+	Kilnsea								
Leeming	257	51913	50041	11310	51500	08213	85820			257	71711	58031	14709	784//	07208	84818	87635		257	00071	03	+		+	Leeming								
Tynemouth	262	62315	74021	08910	656//	07210	86630			262	22410	61012	12909	00909	06210	82175			262	00081	03	+		+	Tynemouth								
Carlisle	222	22517	62016	08310	25600	08011	82645			222	51505	62031	11909	55400	06212	85616			222	00081	03	+		+	Carlisle								
Valley	302	31920	58031	12509	36300	09219	83708			302	81721	56205	12309	862//	09605	83704	88705		302	97091	07	+		id <sub>o</sub>	Valley								
Ringway	334	32014	70011	13509	35600	06307	83630			334	71611	70011	14909	35502	07004	81620	83656	86075		334	00071	06	+		+	Ringway							
Squires Gate	318	72016	75031	12308	755//	07108	81625	87643		318	52109	70011	13608	25601	07004	82630	83075		318	00061	03	+		+									



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

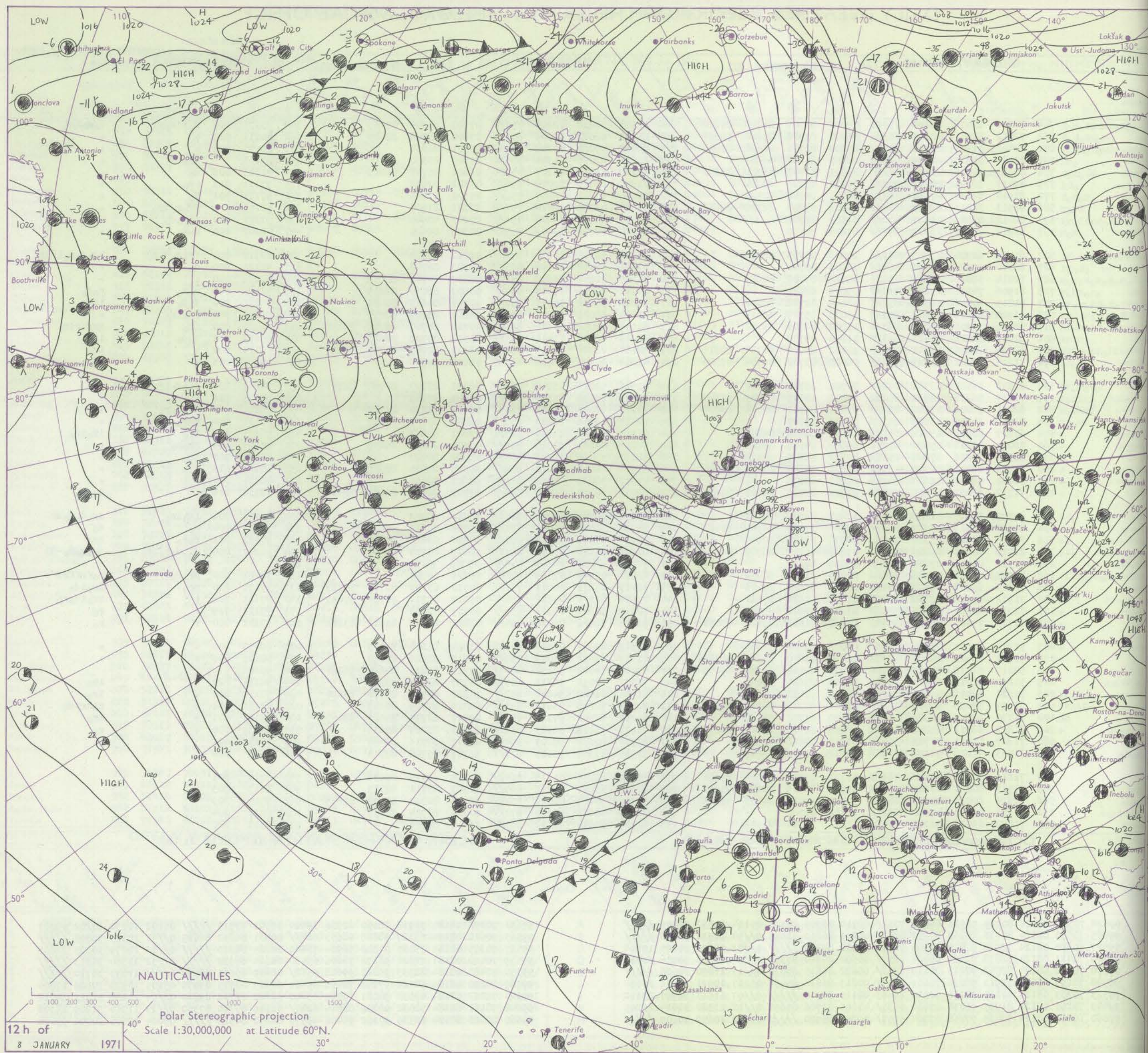
39860

Date of Issue Saturday 9 January 1971

Code FM 11.D		OBSERVATIONS at 12h. 8 January 1971										OBSERVATIONS at 18h. 8 January 1971										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT x T E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	72216	62016	19210	753//	09002	82706	84712	87618	746	72113	50216	18208	752//	07703	84704	87645		746	93101	000	d <sub>0</sub> ifd <sub>0</sub> r <sub>0</sub>	d <sub>0</sub> ifd <sub>0</sub> r <sub>0</sub>			
Hurn	862	72012	60016	20110	783//	08000	81708	83630	85656	862	81911	66022	19008	853//	07400	83708	88620		862	00111	007	+	+			
Thorney Island	871	72402	61105	21708	7534/	07104	81706	86634	87656	871	60000	59022	20208	6563/	07501	86634			871	00091	000	+	+			
Manston	797	72111	66605	22109	68332	08602	81708	86635		797	31811	62036	21306	30930	05301	83360			797	97101		ir <sub>0</sub> id <sub>0</sub>	+			
Garwick	776	82109	58025	21310	853//	09001	82707	86709	88650	776	42107	45051	20107	45300	06602	81707	84625		776	91111	008	d <sub>0</sub>	+			
Kew	775	82011	56505	20210	853//	09000	85709	88630		775	71909	61025	19009	756//	07302	87638			775	97111	001	id <sub>0</sub>	+			
Heathrow	772	81910	56025	20210	863//	09001	84708	88710		772	72014	60012	18809	756//	07501	87645			772	97111	001	d <sub>0</sub>	+			
Honington	586	81913	32216	19009	852//	09806	85704	87708	88635	586	71813	40052	18410	757//	07301	87650			586	93111		Rd <sub>0</sub> r <sub>0</sub> ir <sub>0</sub>	+			
Wattisham	590	82012	19026	19909	860//	09804	88701			590	71810	50052	19208	756//	07203	87640			590	91102	000	r <sub>0</sub> r <sub>0</sub> d <sub>0</sub>	+			
Gorleston	497	81812	20616	19907	874//	07804	88710			497	81814	58036	19009	855//	07306	88620			497	02102	000	r-r <sub>0</sub>	+			
Aberporth	502	81919	62584	13811	872//	10003	85705	88710		502	81827	56215	10810	872//	09812	88704			502	03112	000	irid <sub>0</sub> d <sub>0</sub> r <sub>0</sub>	id <sub>0</sub> d <sub>0</sub> r <sub>0</sub> irir <sub>0</sub>			
Ross-on-Wye	627	82010	57026	16411	864//	10103	88710			627	81910	48052	14710	863//	09707	88708			627	91121	000	d <sub>0</sub>	+			
Filton	628	72014	58016	17911	753//	09107	85707	87615		628	81807	56052	16610	853//	08502	84707	88618		628	00111	000	+	+			
Rhoose	715	81906	74036	17210	854//	09004	88611			715	81111	66212	15609	854//	08503	86710	88619		715	92121	000	r <sub>0</sub> r <sub>0</sub>	r <sub>0</sub> d <sub>0</sub>			
Chivenor	707	81815	60026	16712	853//	10004	81708	88612		707	81818	59022	14511	854//	10711	84613	88624		707	97121	000	d <sub>0</sub> d <sub>0</sub>	id <sub>0</sub>			
Mount Batten	827	81920	40106	18611	853//	09003	85709	88615		827	81820	58026	16511	853//	10807	83709	88635		827	91111	000	id <sub>0</sub> ir <sub>0</sub>	+			
St. Mawgan	817	82016	37106	17011	860//	11002	86701	88702		817	81917	48052	14612	853//	10710	84707	86708	88610	817	01122	000	ir <sub>0</sub>	ir <sub>0</sub> irir <sub>0</sub>			
Scilly	804	82018	32026	15411	863//	11804	88708			804	82023	48022	13411	853//	10503	85706	88620		804	95121	000	d <sub>0</sub> d <sub>0</sub>	ir <sub>0</sub>			
Culdrose	809	82116	32106	17011	851//	10002	82702	86704	88615	809	82121	28026	14811	852//	10711	82703	85707	88615	809	01112	000	+	ir <sub>0</sub>			
Guernsey	894	71615	58101	21809	7513/	08003	83702	85704	87706	894	41814	30101	20008	46130	08604	84702			894	00091	015	+	+			
Elmdon	534	81913	56586	16711	862//	10705	85705	88707		534	81911	58026	15910	863//	08301	83707	87708	88710	534	94111	000	ddid <sub>0</sub> ir <sub>0</sub> d <sub>0</sub> r <sub>0</sub>	+			
Cardington	559	72114	56216	18711	6523/	10000	83705	83709	85640	559	71909	59056	17510	756//	08804	87633			559	92111	001	ir <sub>0</sub> r <sub>0</sub>	+			
Wittering	462	82013	56026	17710	862//	09607	82703	85704	88706	462	72113	62036	16810	764//	08400	82710	87712		462	93111	000	drf d <sub>0</sub> r <sub>0</sub>	+			
Watnall	354	81908	14106	16509	863//	09807	88707			354	72012	48046	15010	753//	09804	83709	86617		354	01111	000	rrr <sub>0</sub>	+			
Shawbury	414	61807	62036	15011	65500	10804	82625	84635		414	41910	59046	13310	35501	09807	83625			414	97121	002	ir <sub>0</sub>	ir <sub>0</sub> id <sub>0</sub>			
Finningley	360	72011	23216	15910	47231	09809	84705	83640		360	72008	48041	14311	755//	09400	84623	86638		360	93121	000	rr <sub>0</sub> r <sub>0</sub>	+			
Kilnsea	396	81915	32216	17208	2557/	07802	82625	88460		396	52010	57016	15509	45570	08000	84627			396	92091	000	ir <sub>0</sub>	+			
Leeming	257	61711	28041	14509	4543/	07806	82618	83645	85360	257	81608	48042	12110	854//	09505	85614	88631		257	00121	015	+	+			
Tynemouth	262	22020	48040	12609	00908	07807	82275			262	81610	558021	10410	856//	08603	88630			262	00111	030	+	+			
Carlisle	222	71712	62031	11211	754//	07810	82715	83625	86640	222	82011	662202	08712	854//	09709	82717	86621	88640	222	97131	026	+	d <sub>0</sub> -r <sub>0</sub>			
Valley	302	81723	32215	11610	860//	10807	84701	88702		302	81832	228586	08910	862//	10712	88703			302	02111	000	id <sub>0</sub> ir <sub>0</sub>	ir <sub>0</sub> d <sub>0</sub> r <sub>0</sub> dr			
Ringway	334	81610	23216	14910	853//	09803	85706	83708	88616	334	71714	556042	13011	754//	09704	85616	87626		334	97121	000	r <sub>0</sub>	d <sub>0</sub>			
Squires Gate	318	71516	34616	13309	755//	08806	83625	87645		318	71716	445046	10911	755//	10710	83622	87636		318	97121	001	r <sub>0</sub> r <sub>0</sub>	ir <sub>0</sub>			
Ronaldsway	204	81718	40506	09810	870//	09815	85701	88702		204	81826	440216	07110	862//	10615	85703	88704		204	91101	000	d <sub>0</sub> -d <sub>0</sub> r <sub>0</sub> -r <sub>0</sub>	d <sub>0</sub> -d <sub>0</sub> -r <sub>0</sub>			
Mull of Galloway	131	91933	04454	07209	91111	09705	89111			131	81943	448284	03409	86411	09718	83710			131							
Eskdalemuir	162	81908	66608	10908	854//	07804	83710	88632		162	82024	005446	07709	870//	09706	88700			162	10102	000	pr <sub>0</sub> r <sub>0</sub> r	r <sub>0</sub> frfrfrR			
Prestwick	135	71814	65258	07510	48432	08813	83814	87075		135	72023	665212	04611	753//	09712	83709	83711	85713	135	97111	010	pr <sub>0</sub>	ir <sub>0</sub> id <sub>0</sub>			
Abbotsinch	140	71912	63022	08310	68432	07807	81818	85820		140	71615	662216	04612	754//	09717	82712	86714	87623	140	97121	008	+	ir <sub>0</sub> id <sub>0</sub> r <sub>0</sub>			
Leuchars	171	72314	62022	09211	755/2	07804	87622	85075																		

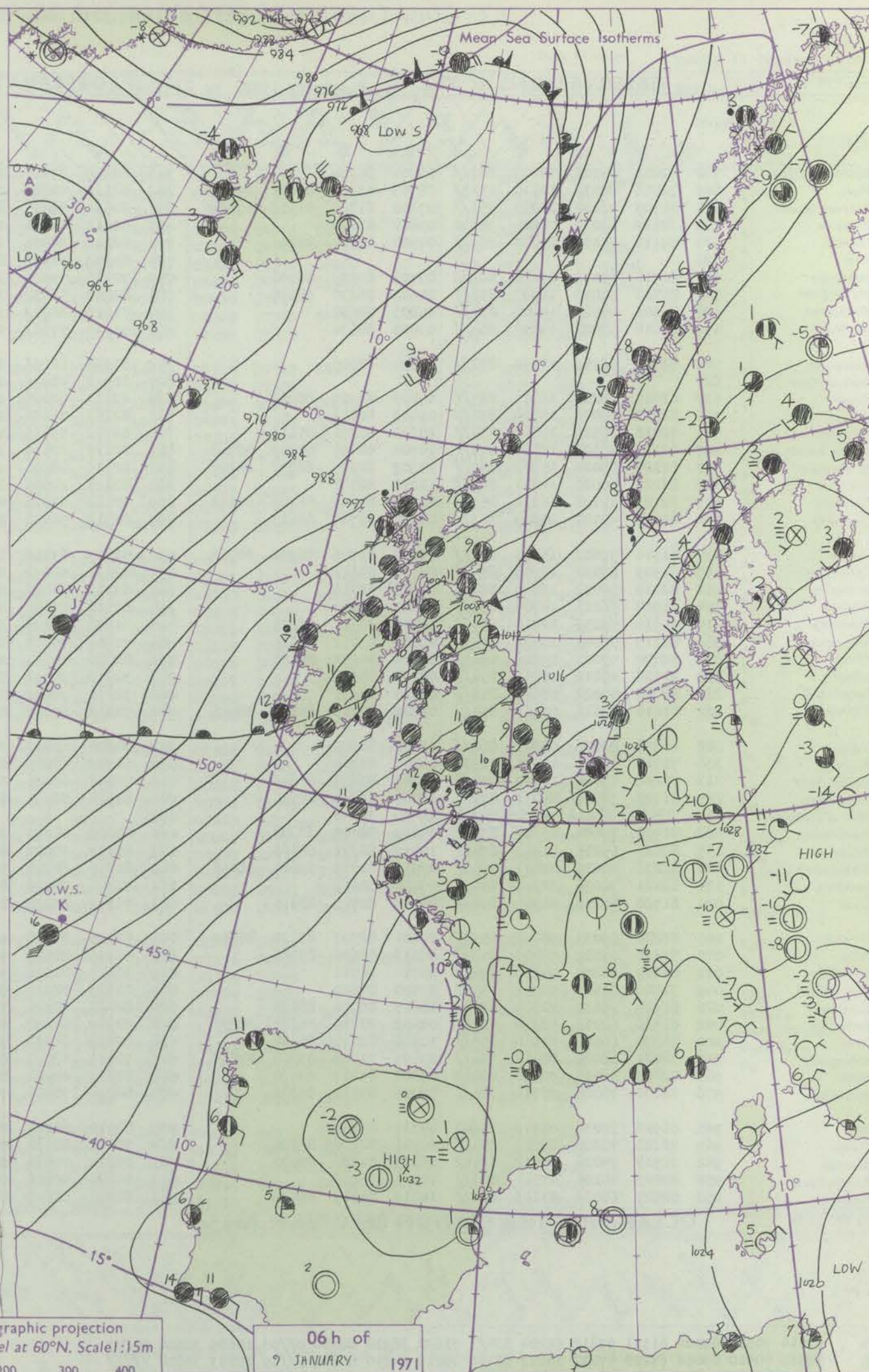
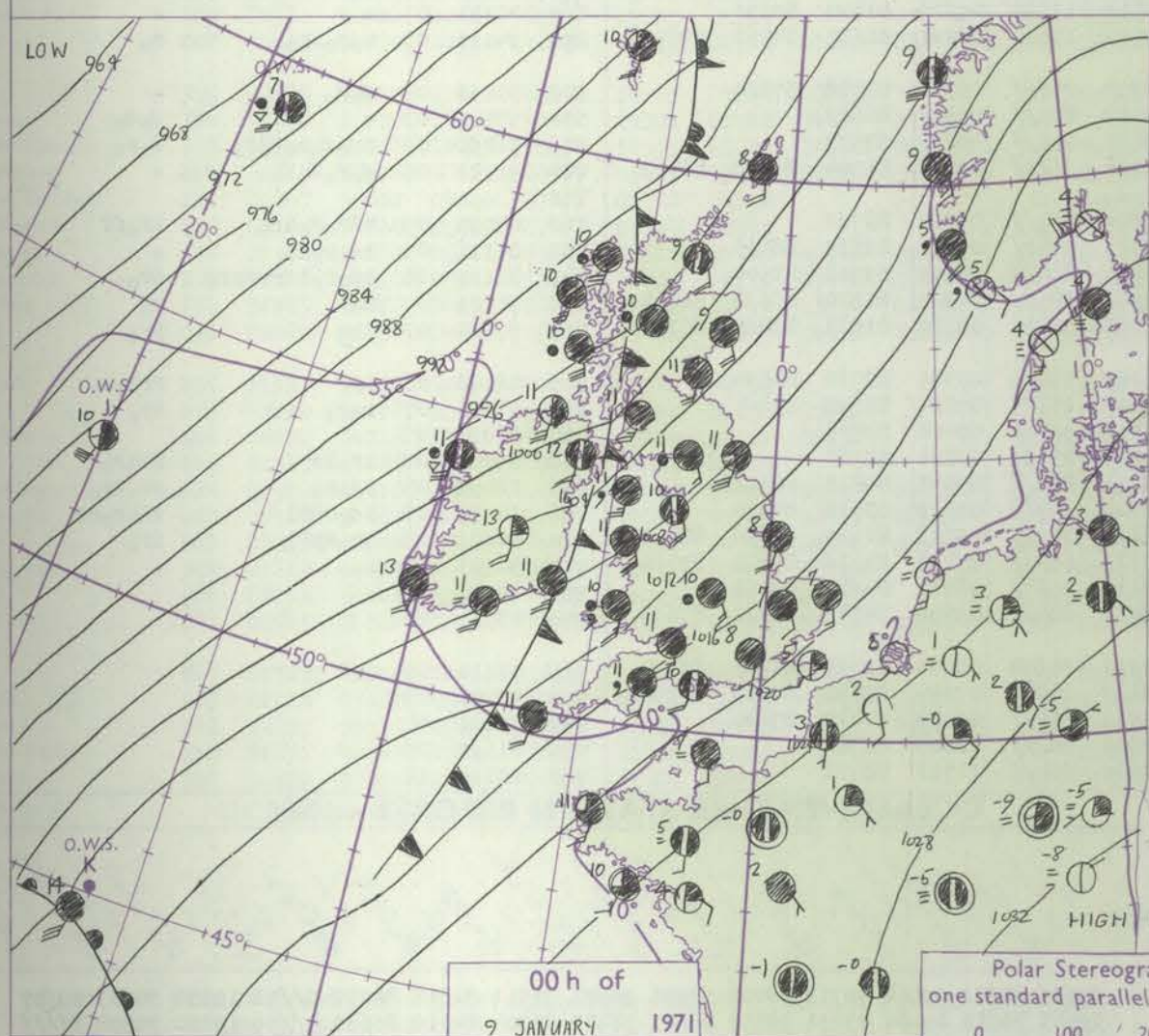
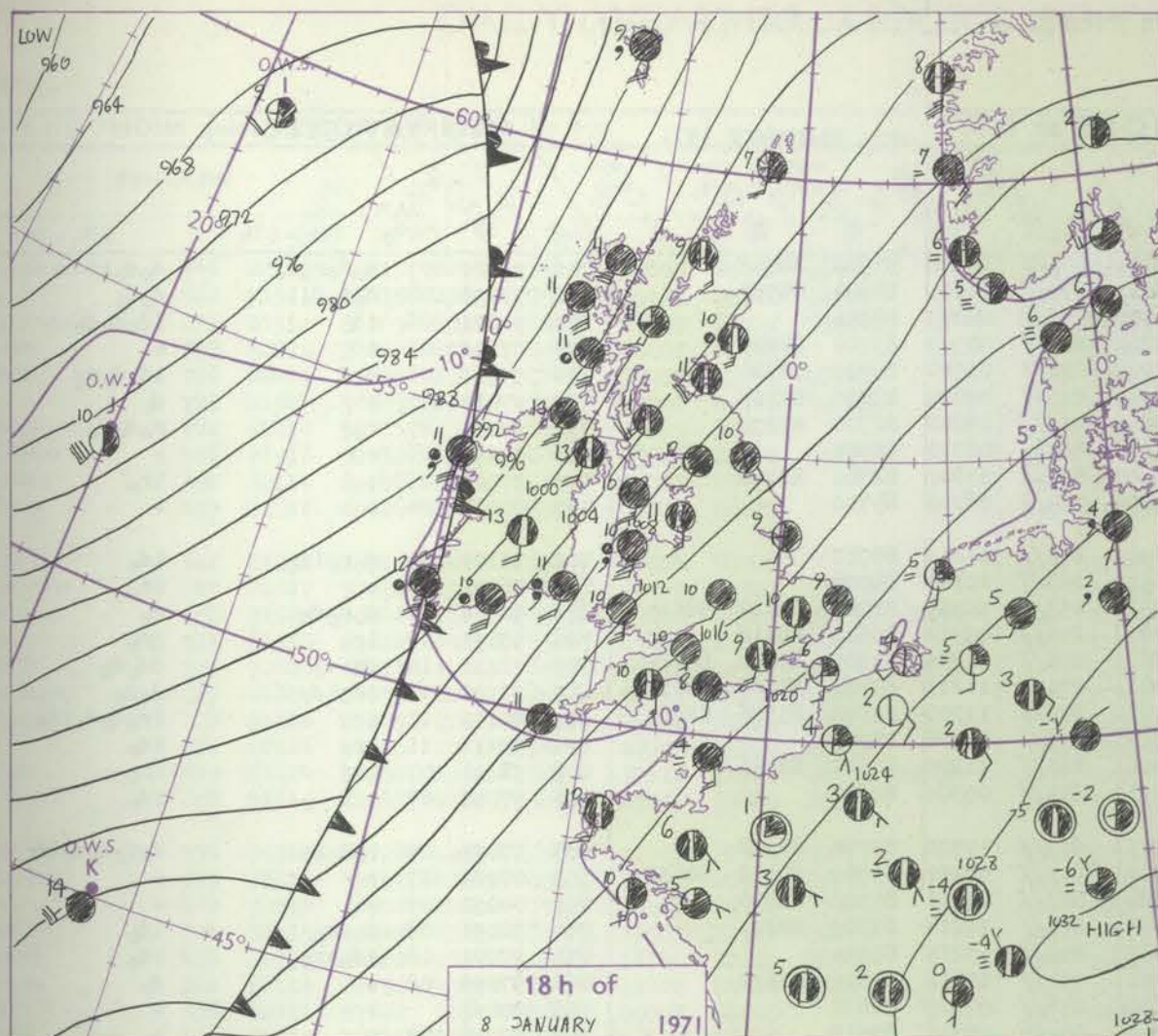


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

A ridge of high pressure extends from central Europe to Spain. Pressure remained very low in the northern Atlantic. A frontal system moved eastwards across Scotland into Wales and southwest England. There is not likely to be much change in the major features during the next 24 hours with high pressure persisting to

the south and east of England and the deep Atlantic depression becoming almost stationary near southern Greenland. A new developing depression west of the Azores is expected to move northeastwards and affect the west and northwest of the British Isles.

Issued at midday Saturday 9 January 1971



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

No. 3906

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code FM			
Station		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRR	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station	
																																	21h.—03h.	03h.—09h.	
Boscombe Down		746	82012	48106	18409	862//	08604	88704			746	82317	37206	19410	871//	10308	84702	88703		746	91081	07	d <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> d <sub>o</sub> if	Boscom										
Hurn		862	72018	60032	19010	6533//	08703	83706	86615	87362	862	82113	40516	20611	872//	10210	84704	88707		862	97091	08	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> d <sub>o</sub>	Hurn										
Thorney Island		871	71707	48102	20807	752//	07702	81704	84612	87630	871	82114	56055	21509	873//	08003	88706		871	91071	06	id <sub>o</sub>	id <sub>o</sub> d <sub>o</sub> d <sub>o</sub>	Thorne											
Manston		797	32112	62030	21505	35630	05602	83640			797	82013	40104	22208	861//	08305	83702	88703		797	97041	01	f	+	Mansto										
Gatwick		776	82110	27101	20607	862//	07804	85703	88704		776	82212	28505	21009	872//	09504	86703	88705		776	94061	06	d <sub>o</sub> d	id <sub>o</sub> d <sub>o</sub> d <sub>o</sub>	Gatwic										
Kew		775									775	81908	61022	20310	863//	09205	83706	88708		775	97081	07	+	d <sub>o</sub>	Kew										
Heathrow		772	81910	58032	19408	863//	07702	83707	88708		772	72110	59026	19610	763//	09802	82706	87708		772	97081	07	r <sub>o</sub>	r <sub>o</sub> d <sub>o</sub> d <sub>o</sub>	Heathr										
Honington		586	81710	58012	18707	856//	05603	86630	88648		586	82009	56032	20209	863//	08310	88707		586	00071	06	+	+	Honin											
Wattisham		590	81908	48022	19707	856//	05803	88632			590	81810	28012	19607	860//	07703	82701	88702		590	97062	05	+	ir <sub>o</sub>	Wattish										
Gorleston		497	81814	57022	19307	856//	05400	88630			497	51915	57012	19708	564//	06208	85710		497	00051	04	+	+	Gorlest											
Aberporth		502	81926	56586	11310	872//	10204	88705			502	81918	62206	13911	871//	11213	88702		502	93101	09	d <sub>o</sub> r <sub>o</sub> id <sub>o</sub>	id <sub>o</sub>	Aberpo											
Ross-on-Wye		627									627	81912	48026	16512	863//	10110	88708		627	96101	09	+	ir <sub>o</sub>	Ross-on											
Filton		628	81815	58212	16311	863//	09706	84707	88709		628	82112	62026	17812	853//	10309	82709	84712	88634		628	92101	10	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub>	r <sub>o</sub>	Filton									
Rhoose		715	81912	64026	15710	854//	09103	88612			715	82111	66026	17711	854//	09310	86612	88618		715	93091	09	ir <sub>o</sub>	ir <sub>o</sub>	Rhoose										
Chivenor		707	72016	70506	15812	754//	10208	85711	87618		707	81712	59515	17611	853//	11306	81707	85712	88620		707	01111	10	dRi <sub>o</sub>	dd <sub>o</sub> d <sub>o</sub>	Chiven									
Mount Batten		827	82123	28106	17511	872//	10304	84705	85709	88710	827	82117	23515	19511	871//	11213	83702	87705	88710		827	93101	10	ir <sub>o</sub> id <sub>o</sub>	d <sub>o</sub> d <sub>o</sub>	Mount									
St. Mawgan		817	82120	58026	15912	862//	11307	82705	86707	88709	817	82115	48506	17712	872//	11102	83704	85706	88709		817	94111	10	ir <sub>o</sub>	ir <sub>o</sub> d <sub>o</sub> d <sub>o</sub> id <sub>o</sub>	St. Maw									
Scilly		804	82218	40026	14911	863//	11211	88708			804	82116	24505	16611	872//	11108	88704			804	92111	11	ir <sub>o</sub>	id <sub>o</sub>	Scilly										
Culdrose		809	82121	32106	16211	851//	11208	84702	86706	88618	809	82118	22606	18011	861//	11208	84702	88706		809	92101	07	ir <sub>o</sub>	ir <sub>o</sub>	Culdro										
Guernsey		894	81716	40102	21009	853//	09500	82707	88617		894	81813	56032	21910	854//	09306	88613			894	97091	07	+	id <sub>o</sub>	Guerns										
Elmdon		534	81714	59602	15410	873//	09504	83706	86708	88711	534	81813	63206	17111	863//	10320	83706	88708		534	97091	09	r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> d <sub>o</sub> +	Elmdon										
Cardington		559	81909	62032	17909	854//	08707	88612			559	82112	62032	19011	853//	09311	85709	86713	88631		559	00081	07	+	+	Cardin									
Wittering		462	82018	59032	16609	864//	07605	88710			462	82318	58022	17810	863//	09211	85708	88710		462	00091	09	+	+	Witter										
Watnall		354	81914	56215	14709	863//	09605	88709			354	82112	62505	16311	873//	10214	83709	88711		354	92091	08	d <sub>o</sub> -r <sub>o</sub>	id <sub>o</sub>	Watnal										
Shawbury		414	61914	59256	12910	654//	10706	82710	85625		414	81808	66026	14813	854//	13215	88614			414	97101	08	id <sub>o</sub> pro	id <sub>o</sub>	Shawbu										
Finningley		360	82113	56042	13810	854//	09607	83712	88615		360	71606	57202	15611	754//	10116	85615	87620		360	97091	08	+	d <sub>o</sub>	Finnin										
Kilnsea		396	82020	57021	15508	4567//	07804	84630	88460		396	82020	58031	16008	856//	07309	88630			396	00061	+	+	+	Kilnsea										
Leeming		257	81718	40212	10810	854//	08708	88618			257	32218	74011	12513	35400	09317	83618			257	97091	07	r <sub>o</sub>	+	Leeming										
Tynemouth		262	82028	58022	08011	856//	08817	88635			262	32120	74022	10512	11508	09329	81820	83275		262	00101	07	+	+	Tynemo										
Carlisle		222	81616	62616	07311	854//	09803	82713	86622	88645	222	72112	69016	09712	15622	08221	81635	84462	87070		222	94111	07	r <sub>o</sub> r <sub>o</sub> -r <sub>o</sub>	r <sub>o</sub>	Carlisle									
Valley		302	81735	58026	08211	862//	10400	88705			302	71624	56012	12710	753//	09332	83708	87624		302	91091	09	d <sub>o</sub> r <sub>o</sub>	+	Valley										
Ringway		334	71716	57015	12011	70930																													



DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39861

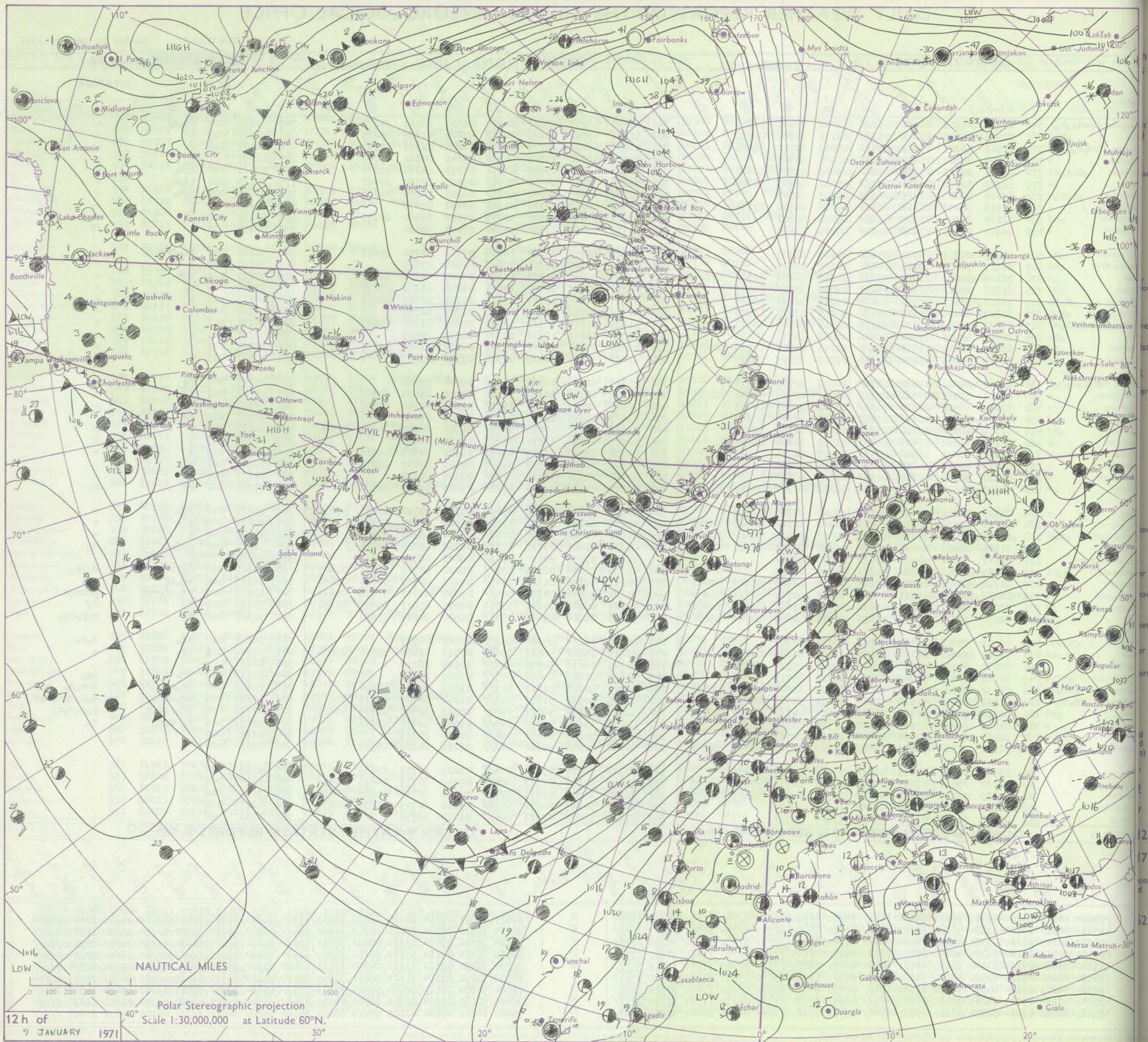
Date of Issue      Sunday 10 January 1971

Code FM I.L.D.		OBSERVATIONS at 12h.										9 January 1971										OBSERVATIONS at 18h.										9 January 1971										OBSERVATIONS during DAY									
Station		Nddiff		VVwwwW		PPPTT		N <sub>h</sub> L <sub>C</sub> M <sub>C</sub> H		T <sub>d</sub> app		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		Nddiff		VVwwwW		PPPTT		N <sub>h</sub> L <sub>C</sub> M <sub>C</sub> H		T <sub>d</sub> app		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		RRT T.E		WEATHER															
		iii																iii																09h.—15h.		15h.—21h.															
Boscombe Down		746	02119	40515	22910	071//	10008	05702	08703									746	51710	58055	23007	20931	06307	02360	04072							746	97111	000	f d o d o	+															
Hurn		062	71911	60015	23811	753//	09111	05708	06618									062	51811	65012	23609	10932	07000	01362	05075							062	00111	009	+	+															
Thorney Island		071	01912	56105	25308	054//	07009	03712	08626									071	71605	66032	25707	20978	06204	02363	07270							071	00101	010	+	+															
Manston		797	02015	30102	25409	062//	08807	08703										797	71810	48102	26308	40932	07206	04362	07070							797	00091		+	+															
Gatwick		776	02011	36515	25210	072//	09003	03705	08712									776	71810	62025	25609	40972	06103	04362	07070							776	97111	000	d o d o	+															
Kew		775	01909	56585	23711	082//	09000	05705	08708									775	72013	62026	24410	7097/	05203	04360	07462							775	97121	000	i d o r o	+															
Heathrow		772	02014	50015	23811	063//	09005	08706										772	72012	65025	24210	4573/	06203	04656	05365							772	97111	000	d o d o	+															
Honington		586	71916	50052	22611	06308	09006	06708	07275									586	71915	56012	23410	00902	07400	07075								586	00120		+	+															
Watlington		590	02114	20106	23009	061//	09003	08702										590	71912	37052	24008	30938	07302	03360	07270							590	00112	000	+	+															
Gorleston		497	01813	09424	23208	055//	08000	08620										497	51713	57054	23808	55500	07400	05628								497	00101	004	F	ff															
Aberporth		502	01830	20515	14710	072//	10004	08703										502	71727	60015	15209	16438	07316	01710	07275							502	92111	000	i d o dr d o d o	+															
Ross-on-Wye		627	01817	57022	19212	064//	10102	08710										627	71807	57021	19611	756//	06106	07630								627	00131	005	+	+															
Filton		628	72120	58506	21012	753//	10210	06706	07708	07615								628	61818	66036	21410	10931	05209	01360	06075							628	97121	002	d o r o	+															
Rhoose		715	01918	67212	19611	35401	09005	03616	06075									715	31317	65011	20410	10931	06305	01360	03075							715	97121	000	r o	+															
Chivenor		707	71823	61015	19513	654/6	09111	01710	06630	05270								707	51617	74012	19311	25531	07305	01625	04072							707	00131	005	+	+															
Mount Batten		027	01817	56056	22111	054//	10216	03710	08625									027	21722	59011	21111	20941	08201	02359							027	00121	015	+	+																
St. Mawgan		017	01926	57055	18812	65377	09011	02709	06612	08270								017	51820	61012	18511	10932	07603	01360	05075							017	00131	008	+	+															
Silly		004	02021	48025	17311	05642/	10006	05710	08465									004	22023	56011	17112	25500	08309	02625							004	00121	011	+	+																
Culdrose		009	02124	40052	19511	053//	10113	02706	04708	08620								009	42020	60011	18911	25531	08501	02620	03359							009	00120	011	+	+															
Guernsey		094	71619	62055	25009	30932	07305	03365	07073									094	21613	58051	24809	00902	07303	02075							094	00101	019	+	+																
Elmdon		534	01713	66022	19512	063//	10003	02709	08711									534	71715	62036	19510	7093/	06004	07363							534	97121	000	r o	+																
Cardington		559	01811	59052	22011	053//	11801	03708	06710	08625								559	71916	62022	22310	3563/	07701	03635	07362							559	00121	001	+	+															
Wittering		462	72019	66502	20612	753//	10801	05709	07625									462	72116	62025	21310	3547/	07303	01710	07462							462	97121	001	d o	+															
Watnall		354	02015	58045	18612	054//	10001	02712	08625									354	72017	58045	19210	00902	07007	07070							354	97121	000	d o	+																
Shawbury		414	01708	66022	17312	055//	11106	02620	08635									414	71815	50102	17010	3577/	10801	03650	04359	07460						414	00131	000	+	+															
Finningley		360	02113	61032	17413	054//	11002	04614	08625									360	72115	61032	18011	756//	08114	07640							360	00141	003	+	+																
Kilnsea		396	02021	57021	18910	064//	09007	08715										396	62024	66012	18809	4557/	08501	04625	06360							396	00121	000	+	+															
Leeming		257	01715	40041	14812	054//	09004	08618										257	71820	62042	14312	658/2	09101	06657	07070							257	00141	001	+	+															
Tynemouth		262	02120	58021	12611	0897/	09809	08350										262	02028	58022	11413	0897/	09306	08350							262	00131	000	+	+																
Carlisle		222	71813	61022	10713	40478	08812	02718	03640	06272								222	72024	66016	09814	15732	06003	01650	05362	07072						222	97151	000	r o	r o															
Valley		302	01735	56502	12411	052//	10003	07704	08612									302	71841	56025	11410	45438	08302	02710	03616	07272						302	97111	000	i d o	+															
Ringway		334	71718	59022	16312	45432	10301	01712	04620	05360								334	01812	62032	16711	1563/	07310	01640	08360							334	00131	000	+	+															
Squires Gate		318	71722	62022	14813	085/8	10303	01820	06620	06272								318	71620	60022	14212	7097/	08206	03360	07465							318	00131	000	+	+															
Ronaldsway		204	01826	56506	10411	073//	09001	03706	08708	08710								204	01830	50605	09711	073//	09302	03709	08713							204	91111	000	r o d o d o	r o															
Mull of Galloway		131	01847	58602	04010	074//	09722	08712										131	01855	57054	04210	064//	08023	08715							131	00091																			
Eskdalemuir		162	02029	59216	09210	072//	09718	08705										162	02130	58606	08809	053//	08002	04709	06715	08625						162	01111	000	r o r i r o	r o i r o															
Prestwick		135	01928	59602	05911	6537/	10816	01708	05710	07464								135	02031	58216	04311	6547/	09102	02711	04617	08460						135	02121	000	i r o i r	i r o															
Abbotsinch		140	01718	60608	05911	0854//	10812	02711	07714	08650								140	01822	56646	04311	054//	09305	01713	07616	08638						140	71222	000	p o i r o r r r	r r r o r															
Leuchars		171	72215	68212	06011	15432	09716	01618	03359	06070								171	72226	66606	04211	55576	09005	05621	05459	07270						171	93131	003	r o	r o															
Dyce		091	72020	70038	05411	25632	07002	02630	04366	05070								091	71915	66606	03411	754//	08500	04616	07622							091	97121	000	r o	r o r o i r o															
Lerwick		005	72127	74216	99409	7097/	06022	07360										005	01828	56216	95908	063//	08742	08707							005	96101	000	i r o	r o r o																
Wick		075	72022	70212	00511	15738	07000	01656	07275									075	61819	75022	96811	25632	07516	02630	03360	05070						075	97121	000	i r o	+															
Sule Skerry		010	02030	64026	97810	5642/	09229	05710	08458									010	01919	66616	92410	074//	10729	08710							010	02131																			
Cape Wrath		049	01825	66026	97209	074//	08221	08715										049	01820	81026	09812	075//	09729	08720							049	03132	000	i r o	i r o																
Stornoway		026	01932	58618	96210	6622/	09002	04704	05712	08550								026	01941	50616	91011	053//	11506	05709	08614							026																			

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

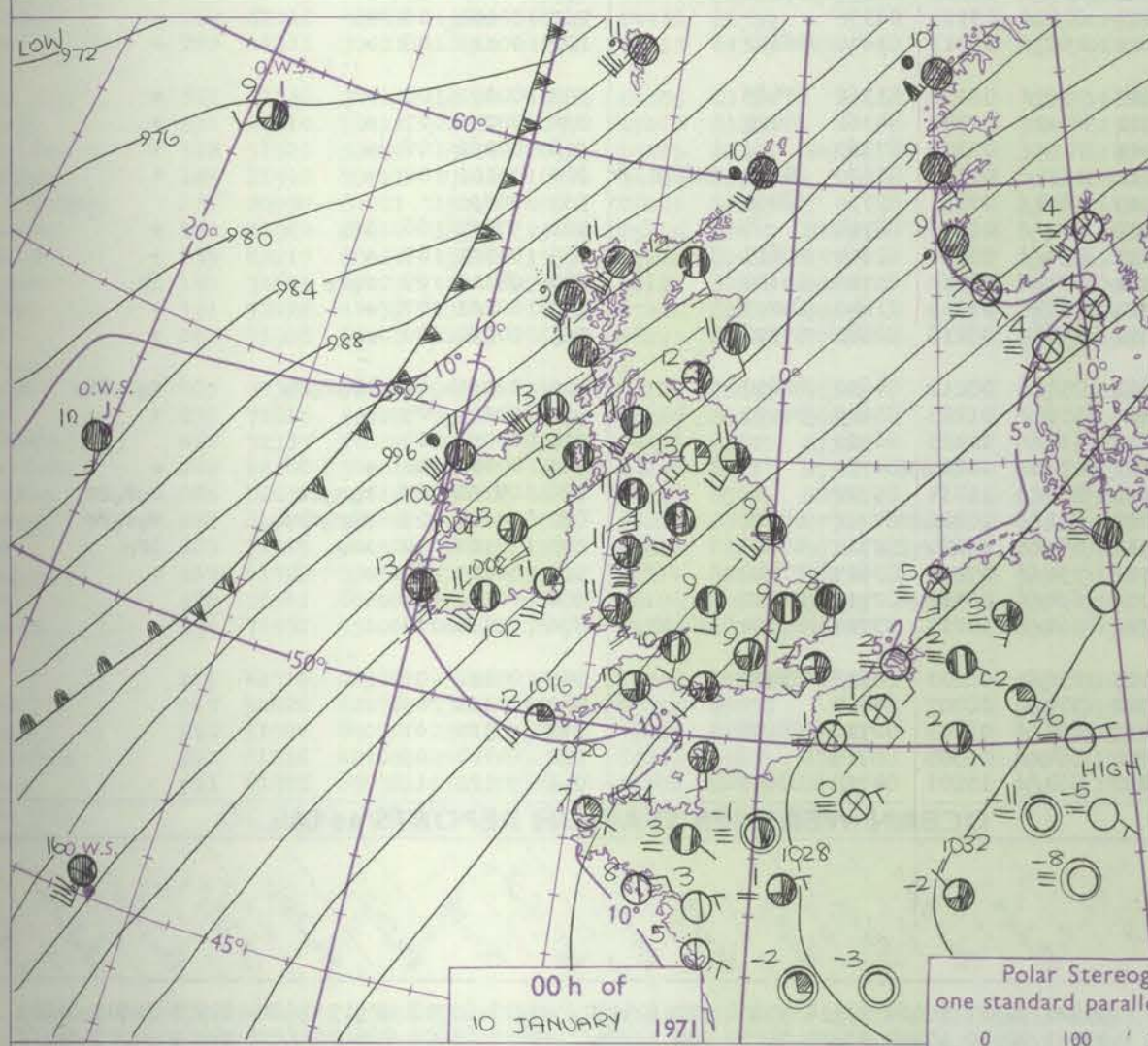
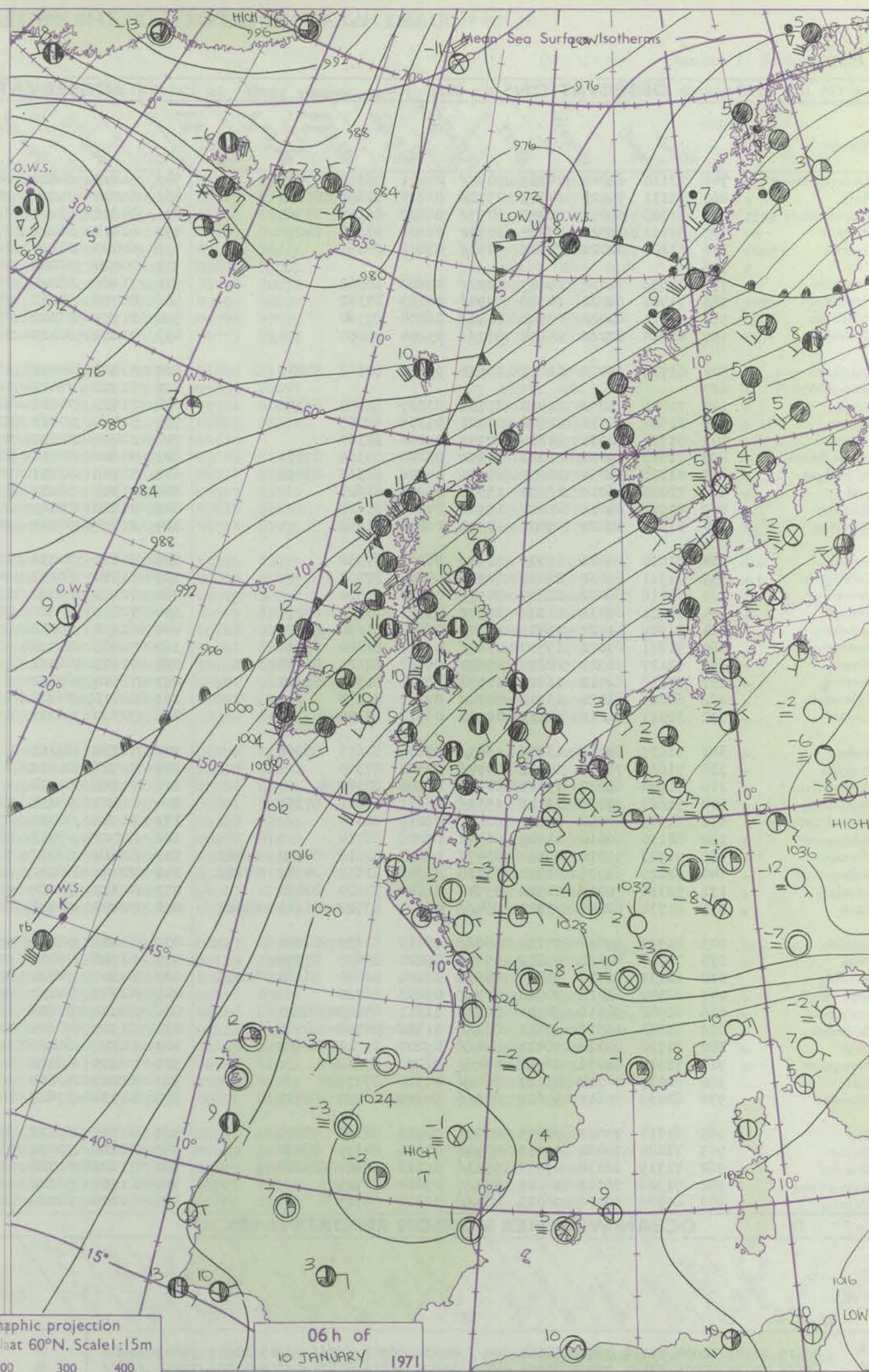
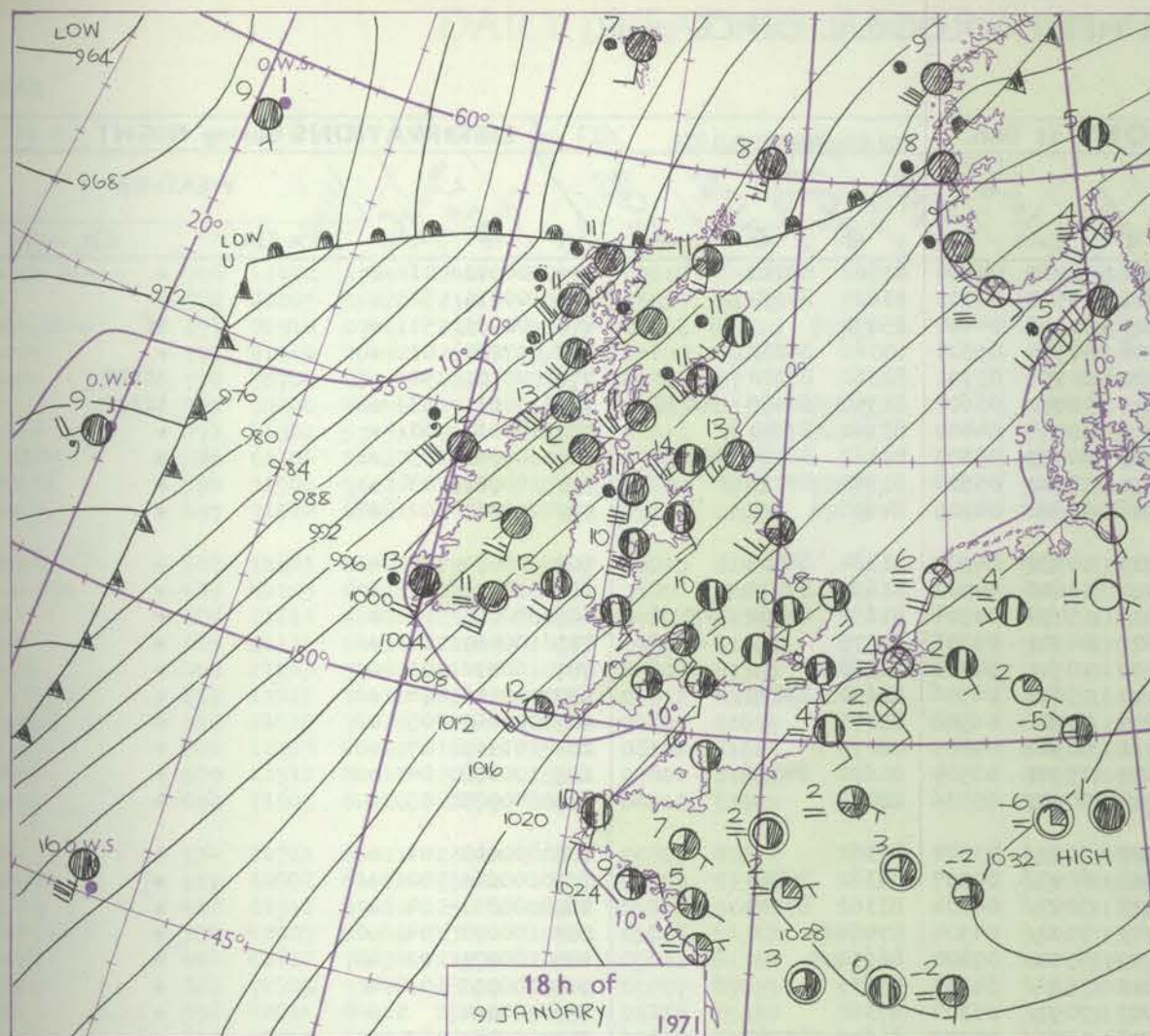


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 10 January 1971

A ridge of high pressure extending from central Europe to Spain and a complex area of low pressure over the eastern Atlantic have continued to maintain a strong south to southwest airstream over the British Isles. During the next 24 hours

minor troughs are expected to run quickly northwards in this airstream otherwise little change seems likely in the general situation.



## No. 3986

O.W.S.

H.M.S.O. Press, Met.O. By All times of



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

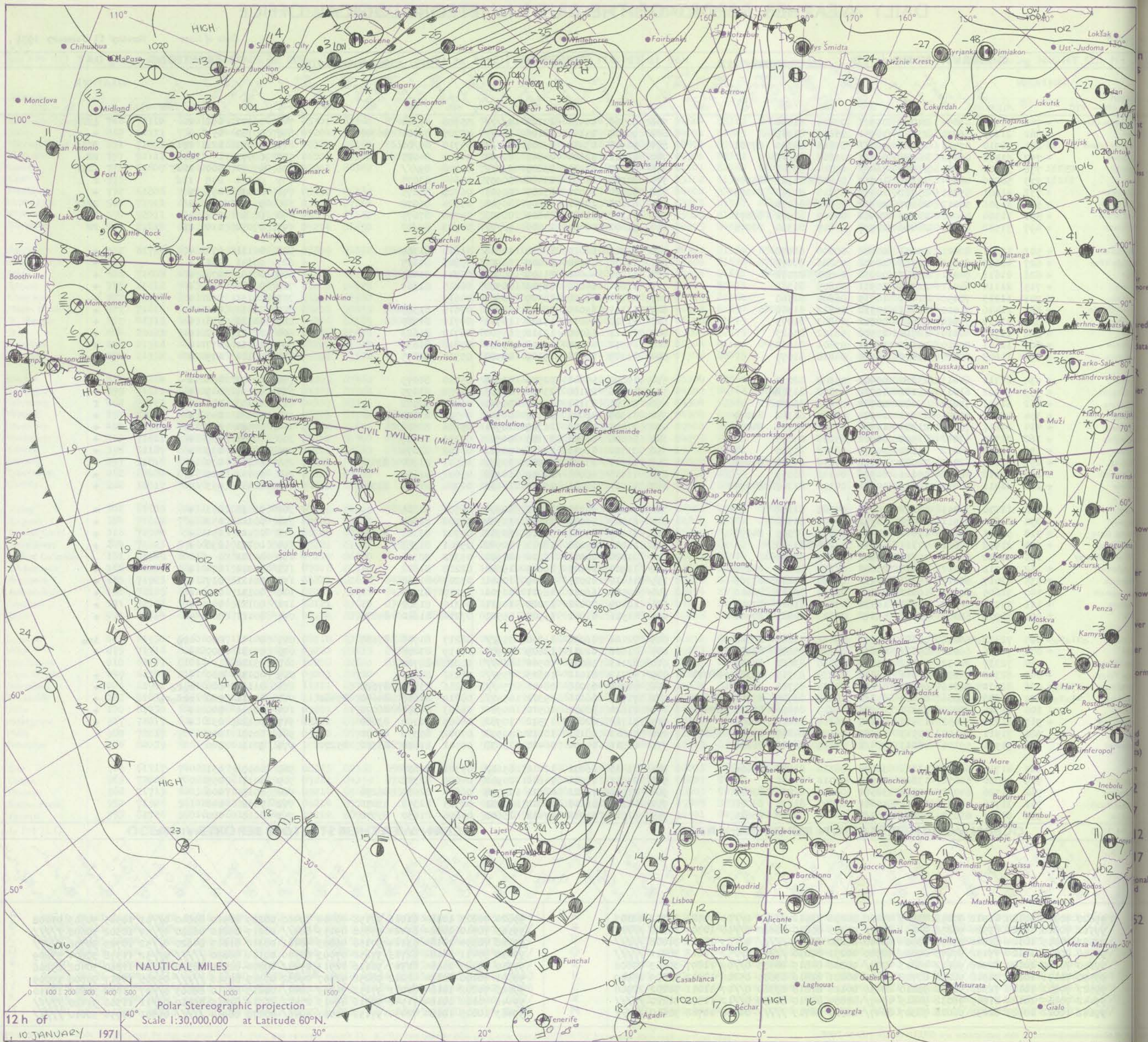
No. 39862

Date of Issue Monday 11 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		10 January 1971										10 January 1971																			

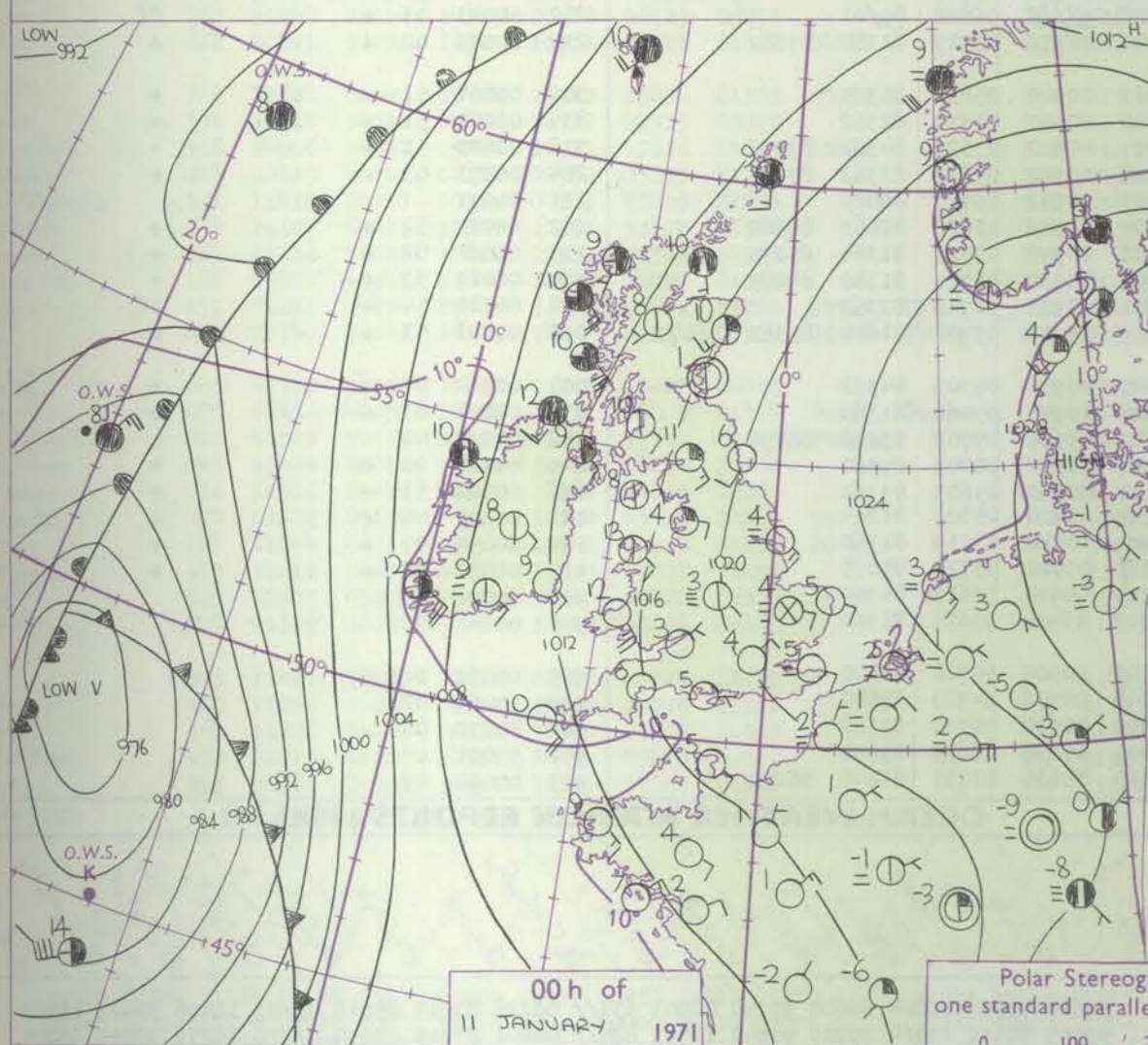
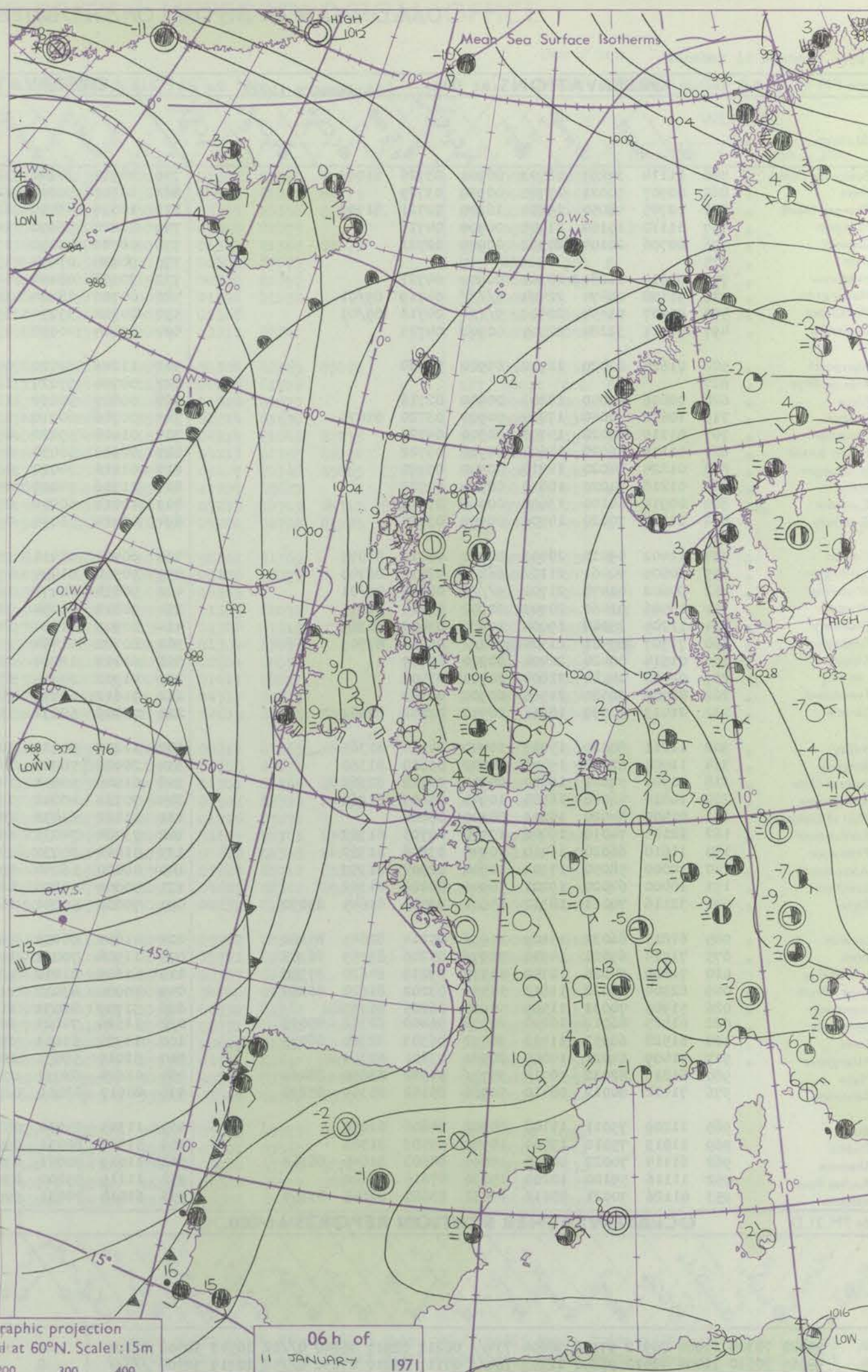
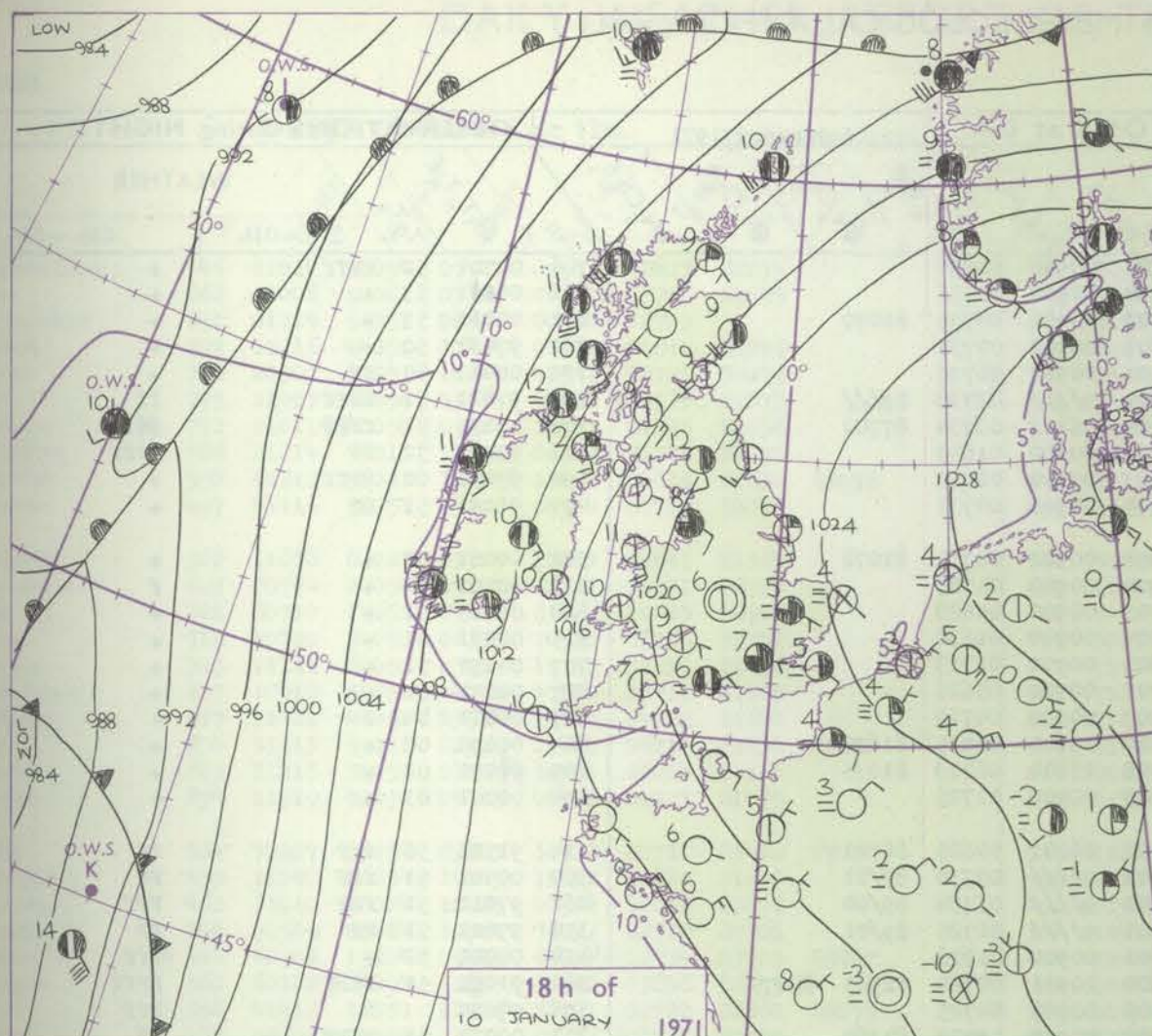


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

## GENERAL SYNOPSIS DEVELOPMENT

Pressure remains high over central Europe though is weakening in the west. The depression southwest of Britain is moving northwards towards eastern Iceland but a secondary depression swinging east round the main centre will maintain a trough

southwards. The cold front will move northeast but is likely to become stationary over western parts of Great Britain tonight, with a south to southeast airstream to the east of it.

Issued at midday Monday 11

January 1971



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

No. 398

Code FM 11.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code FM 11.D	
		11 January 1971										11 January 1971																					



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

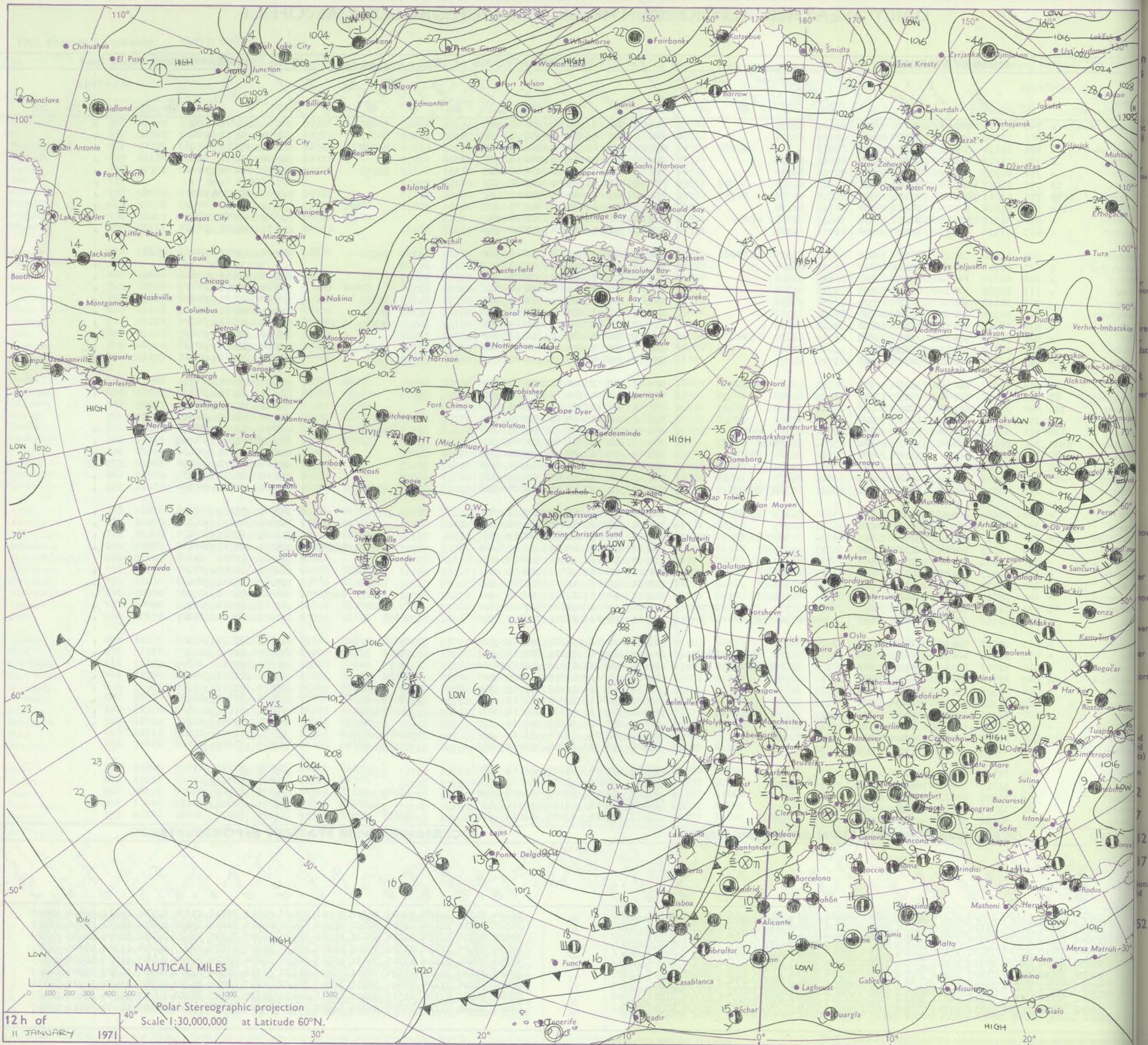
No. 39863

Date of Issue Tuesday 12 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
		11 January 1971										11 January 1971															
Station		iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RR	T <sub>s</sub> E	SSS	WEATHER			
																									09h.—15h.	15h.—21h.	
9h.	Boscombe Down	746	21014	30054	07903	00901	02827	82075			746	41312	23100	07501	20931	01208	82360	83075			746	00051	042	f		+	
	Hurn	862	11008	50021	07307	00901	03728	81075			862	51207	58021	06906	10932	04302	81365	84075			862	00071	061	+		+	
	Thorney Island	871	01214	56051	08906	00900	02723				871	71308	40051	08607	30931	03205	83358	86070			871	00081	055	+		+	
	Manston	797	11216	44051	11404	00902	01818	81075			797	21614	50050	11404	00902	01308	82075				797	00051		+		+	
	Gatwick	776	20907	32051	10004	00901	02722	82075			776	31407	36050	09404	10932	01307	81362	83075			776	00061	057	+		+	
	Kew	775	11007	40054	09705	00901	00723	81075			775	70501	30051	09103	00901	00308	87073				775	00061	050	f		+	
	Heathrow	772	11011	40054	09505	15701	01826	81656			772	21009	40040	08703	15831	00208	81657				772	00061	045	+		+	
	Honington	586	21214	56010	11606	00902	50722	82070			586	11210	26050	10703	00902	01306	81072				586	00071		+		+	
	Wattisham	590	61318	56031	12005	15632	50819	81630	86075			590	01410	32051	11003	00900	01308				590	00061	067	+		+	
	Gorleston	497	41116	58051	13506	00904	01716	84075			497	21513	58051	11905	20940	03312	82360				497	00061	058	+		+	
	Aberporth	502	11618	82020	03909	10932	56841	81365			502	51720	56051	03404	20932	50324	82365	85070			502	00091	062	+		+	
	Ross-on-Wye	627	80704	24054	07802	862//	01731	88704			627	11102	13101	06901	16300	00206	81708				627	00031	000	ff		+	
	Filton	628	80710	14051	07802	862//	00825	88703			628	10705	20051	06902	00901	00308	81073				628	00053	005	+		+	
	Rhoose	715	10720	50050	06304	10930	01733	81362			715	30810	34041	06404	35700	02214	83650				715	00051	034	+		+	
	Chivenor	707	11118	62050	03907	15730	02836	81656			707	71108	40051	04706	15636	04214	81645	87275			707	00081	059	+		+	
	Mount Batten	827	10918	56050	04008	10930	05731	81365			827	71006	28051	05106	10932	04213	81365	86070			827	00081	046	+		+	
	St. Mawgan	817	11422	48050	03508	15680	04722	81640			817	71216	37051	03707	50978	05107	84360	85465	87272			817	00081	040	+		+
	Scilly	804	51613	59031	02209	25602	06710	82630	85080			804	81814	56022	01910	855//	10307	88623			804	00101	025	+		+	
	Culdrose	809	31213	50050	03609	10931	06814	81360			809	81605	19051	03508	46307	07215	82709	84710	88270			809	97101	027	+		1r <sub>0</sub>
	Guernsey	894	11519	40050	05705	00902	01723	81075			894	61716	45051	06407	16332	04220	81708	85075			894	00081	049	+		+	
	Elmdon	534	70907	35054	09803	30912	00731	83466	87070		534	11206	26041	08002	10940	50302	81365				534	00053	028	f		+	
	Cardington	559	11010	56054	10005	15602	02829	81640			559	20604	48110	09402	00901	01206	82075				559	00063	043	+		+	
	Wittering	462	31010	28024	10805	00902	02831	83072			462	01509	28041	09603	00900	00306				462	00061	046	ff		+		
	Watnall	354	70509	05424	11302	760//	02729	87701			354	11410	19044	09202	00901	01309	81072				354	00053	008	FFf		+	
	Shawbury	414	60903	19104	09403	662//	02734	83705	85707		414	31405	17041	07103	15482	01306	81615	83362			414	00041	001	ff		+	
	Finningley	360	60102	04424	11403	00902	03838	86075			360	31610	37044	09103	00901	01304	83075				360	97061	029	FFf		+	
	Kilnsea	396	41418	58030	13706	20971	02722	82360	84075		396	51620	60031	10505	00901	02704	85075				396	00060	065	+		+	
	Leeming	257	93604	01454	13403	9//	03732	89/00			257	31502	15044	08203	00902	01611	83075				257	00061	005	FF		1r	
	Tynemouth	262	51108	23014	14307	00908	06729	85275			262	51420	61021	08507	00908	04717	85275				262	00071	034	+		+	
	Carlisle	222	40811	58031	12505	10931	03821	81362	84073		222	41311	32041	06606	20932	52609	82365	83070			222	00061	048	+		+	
	Valley	302	30620	62040	05708	10942	05836	81365	83075		302	21719	61041	02607	10942	00212	81365				302	00131	066	+		+	
	Ringway	334	31014	56040	09806	00902	00735	83075			334	41309	30041	07404	00901	51308	84070				334	00071	037	+		+	
	Squires Gate	318	30916	50041	09206	10931	03836	81365	83077		318	41215	30041	05904	10931	01301	81365	84075			318	00060	033	+		+	
	Ronaldsway	204	10819	60041	08108	00902	05833	81070			204	71221	30041	03606	26438	03503	82715	83359	86272			204	00081	034	+		+
	Mull of Galloway	131	11418	70010	07909	00901	0																				

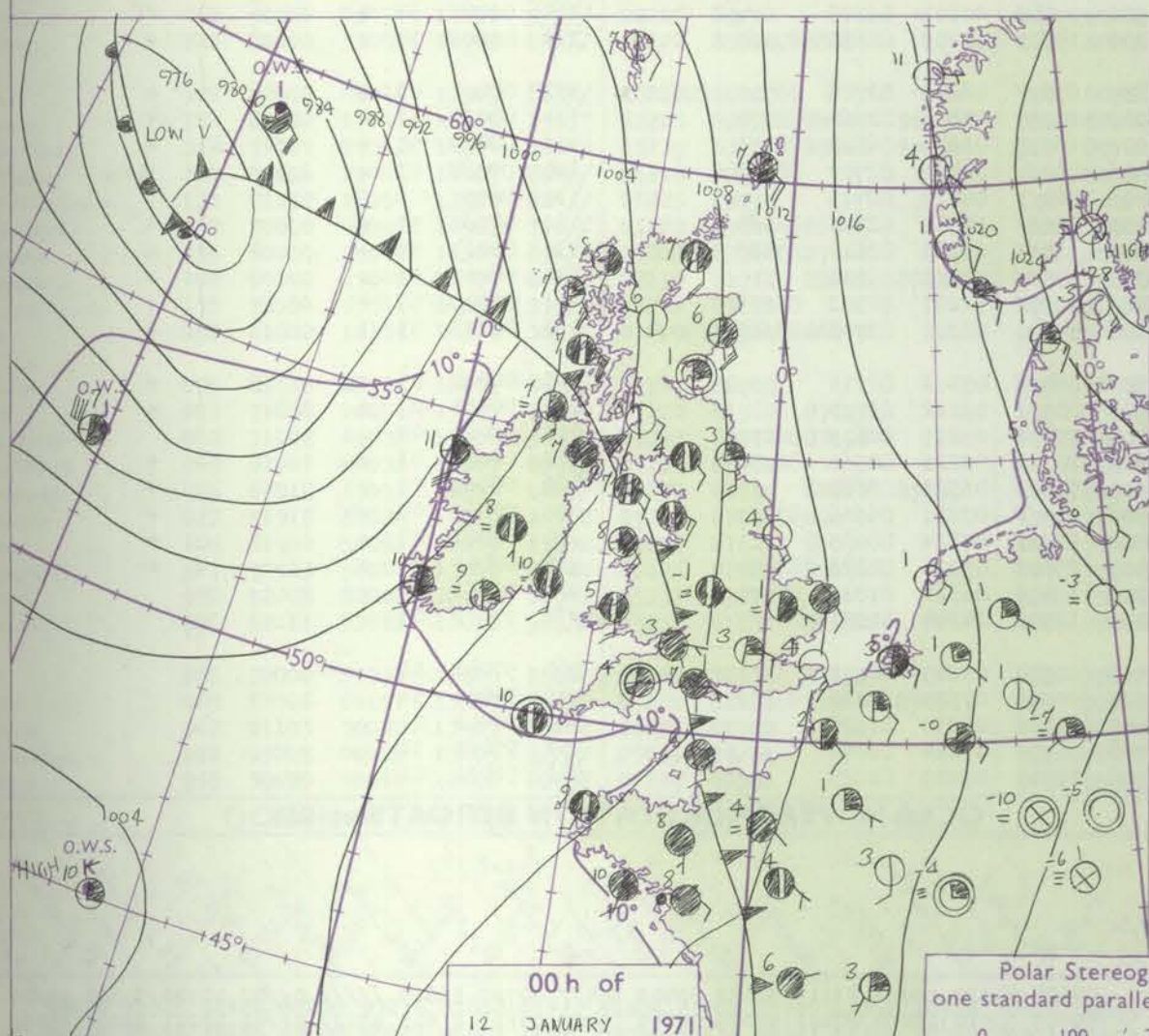
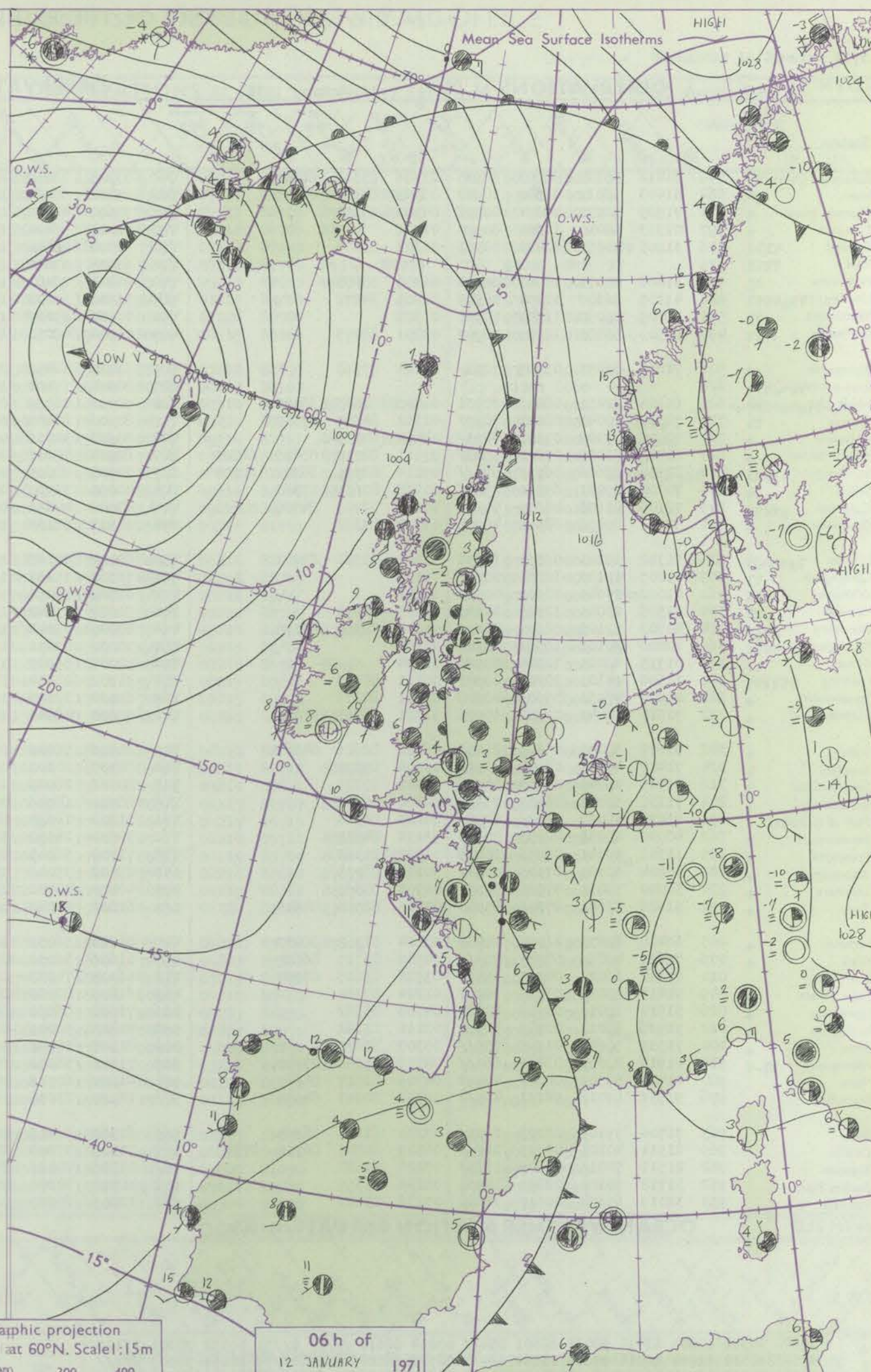
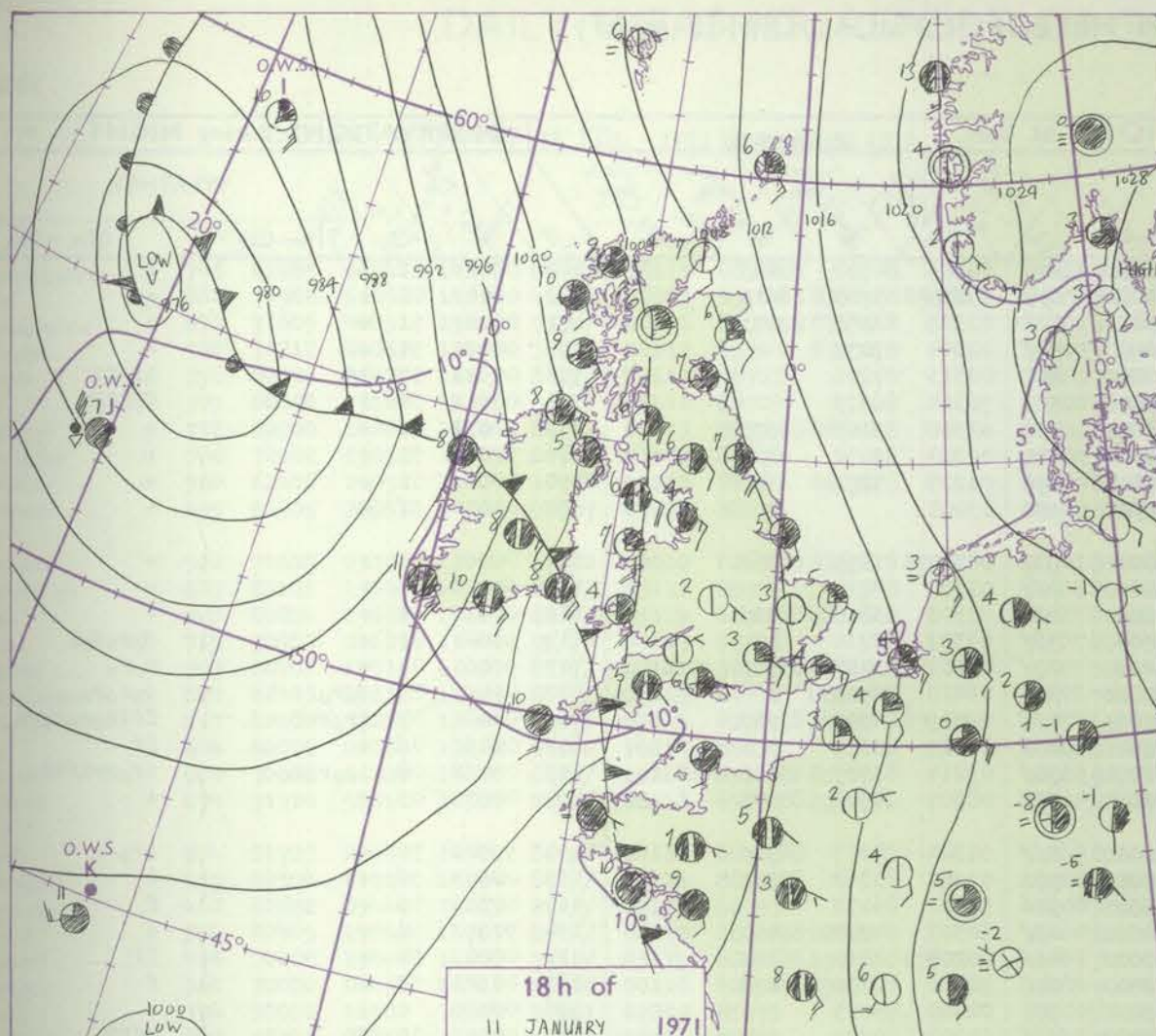


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

A deep depression near O.W.S. 'K' yesterday has moved north to near O.W.S. 'I' and will now turn left towards southeast Greenland. An associated cold front has crossed western parts of the British Isles overnight but is expected to gradually frontolyse as it crosses remaining eastern districts today. Pressure has re-

mained high in central Europe and pressure is now building strongly over north Scandinavia. Another low now near the Azores will soon follow a track similar to the previous depression to the west of the British Isles.

Issued at midday Tuesday 12

January 1971



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

Code FM II.D		OBSERVATIONS at 00h. 12 January 1971										OBSERVATIONS at 06h. 12 January 1971										OBSERVATIONS during NIGHT					Code FM
Station	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station			
																						2lh.—03h.	03h.—09h.				
Boscombe Down	746	81412	35101	08703	30937	03306	83362	88270		746	81205	23012	10804	4631/	04305	84708	88465		746	00021	51	+	f	Boscombe Down			
Hurn	862	81403	58032	08507	10937	05305	81359	88275		862	81502	50052	10205	853//	05304	85707	88615		862	00041	02	+	+	Hurn			
Thorney Island	871	71509	58032	09606	00908	04302	87270			871	70602	48022	11602	20938	02305	82359	87073		871	00021	51	+	+	Thorney Island			
Manston	797	01713	58010	11704	00900	01208				797	72009	56101	12403	00902	02304	87075			797	00021	51	+	+	Manston			
Gatwick	776	31305	34051	10402	00901	01303	83075			776	70000	06414	12100	00908	00313	87278			776	00523	54	1f	1f-ff	Gatwick			
Kew	775									775	60904	03414	11850	00901	50314	86073			775	00511	54	f	fFfFFF	Kew			
Heathrow	772	31008	40051	10003	00904	01305	83075			772	60704	28101	11503	10938	02308	81365	86275		772	00021	52	+	+	Heathrow			
Honington	586	41105	26100	11401	00906	00205	84272			586	51502	10101	11801	00902	00303	85072			586	97003	53	+	+	Honington			
Wattisham	590	01409	35050	11802	00900	01308				590	71406	23101	12202	00906	01205	87272			590	00011	51	+	+	Wattisham			
Gorleston	497	81509	58051	12105	00907	03201	88275			497	01804	48050	11705	00900	03003				497	00031	52	+	+	Gorleston			
Aberporth	502	71817	56051	05705	7093/	02124	87360			502	61714	48052	09106	10932	04317	81359	86068		502	00041	02	+	+	Aberporth			
Ross-on-Wye	627									627	80000	17102	10201	864//	01303	88710			627	00001	55	+	+	Ross-on-Wye			
Filton	628	81104	22051	08403	20931	01308	82365	88072		628	70000	26052	09804	7543/	03303	83613	86359		628	00011	51	+	+	Filton			
Rhoose	715	70507	20041	08103	7087/	02312	84357	87360		715	80606	28102	09904	7643/	03307	87710			715	91021	01	+	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> f	Rhoose			
Chivenor	707	70909	37102	07106	7093/	04117	87360			707	80906	32216	09208	7527/	07207	83705	85711	87619	707	97061	05	+	r <sub>o</sub> r <sub>o</sub>	Chivenor			
Mount Batten	827	81406	33052	07208	5543/	07111	82710	85615	88360	827	80904	48216	09108	874//	08210	88712			827	01061	05	d <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	Mount Batten			
St. Mawgan	817	81510	28616	06709	870//	09214	82701	84702	88704	817	71505	28606	09109	771//	09215	84702	87703		817	03081	07	ir <sub>o</sub> rrf	ffir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> rr	St. Mawgan			
Scilly	804	70000	59031	05810	2553/	10218	82621	87360		804	40000	32021	08910	30831	10215	83358			804	00091	06	+	ff	ff	Scilly		
Culdrose	809	72105	23606	06310	752//	10116	82703	84706	87610	809	80000	40636	08709	5531/	09214	83707	85618	88460	809	04082	04	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	ir <sub>o</sub> rrr1f1f	Culdrose			
Guernsey	894	51611	60052	08608	40932	05313	84362			894	61913	58102	10609	46232	08307	84703	85075		894	00071	05	+	+	Guernsey			
Elmdon	534	71302	18101	09351	10938	51001	81363	87272		534	82102	20046	11001	863//	01304	84707	88710		534	97521	56	+	1r <sub>o</sub>	Elmdon			
Cardington	559	01005	15100	10201	00900	00105				559	71303	15101	11301	30932	01302	83362	87075		559	00503	56	+	+	Cardington			
Wittering	462	01002	17041	10600	00900	51105				462	61202	09461	11550	00906	51302	86272			462	00513	55	+	f	Wittering			
Watnall	354	41305	20041	10300	00901	51205	84075			354	80000	11042	11400	4642/	50302	84710	88460		354	97513	56	+	+	Watnall			
Shawbury	414	40703	12101	08601	20932	00109	82364	83075		414	60000	09444	10301	2643/	00205	82710	86363		414	00001	54	+	ff	Shawbury			
Finningley	360	00000	30101	10351	00900	51303				360	70000	07411	11251	26008	52400	82700	87275		360	00523	54	+	f	Finningley			
Kilnsea	396	01715	48021	11104	00900	02104				396	52008	56011	11503	00901	02400	85075			396	00020		+	+	Kilnsea			
Leeming	257	11506	14101	10201	00901	00211	81075			257	91702	01474	11200	9//	50202	89700			257	00511	55	ff	ffff	Leeming			
Tynemouth	262	21817	48051	09503	00908	01311	82275			262	62110	32101	10901	00908	00105	86275			262	00001	52	+	ff	Tynemouth			
Carlisle	222	71510	56041	07804	10936	51221	81363	87273		222	70805	48041	10301	1563/	51209	81635	87360		222	00001	54	+	+	Carlisle			
Valley	302	51617	58041	05908	25430	03122	82616	84365		302	81611	56042	08809	853//	06215	83708	86710	88615	302	00061	03	+	+	Valley			
Ringway	334	71407	40041	08604	00902	00304	87070			334	80403	20101	10202	20937	01304	82360	88270		334	00011	53	+	+	Ringway			
Squires Gate	318	71415	45041	08103	00906	01312	87275			318	80707	28042	10002	60957	01206	86360	88275		318	00013	51	+	+	Squires Gate			
Ronaldsway	204	71108	50041	06407	755//	04320	87622			204	80710	18046	09506	853//	04217	82707	88616		204	97051	03	+	d <sub>o</sub> r <sub>o</sub>	Ronaldsway			
Mull of Galloway	131	61420	48052	05206	6098/	04223	86360			131	81714	16054	08406	864//	04218	88715			131	00051			+	Mull of Galloway			
Eskdalemuir	162	40000	48031	08553	00905	53114	84270			162	70000	26051	11051	2565/	54310	82640	86360		162	00531	55	+	+	Eskdalemuir			
Prestwick	135	11308	40041	06303	10930	01222	81362			135	71703	56041	09006	6553/	02213	82621	85633	87360	135	00011	51	+	+	Prestwick			
Abbotsinch	140	30804	40041	07103	00901	50213	83075			140	83402	35041	10304	855//	00213	88622			140	00011	53	+	+	Abbotsinch			
Leuchars	171	30000	58031	07001	3																						



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

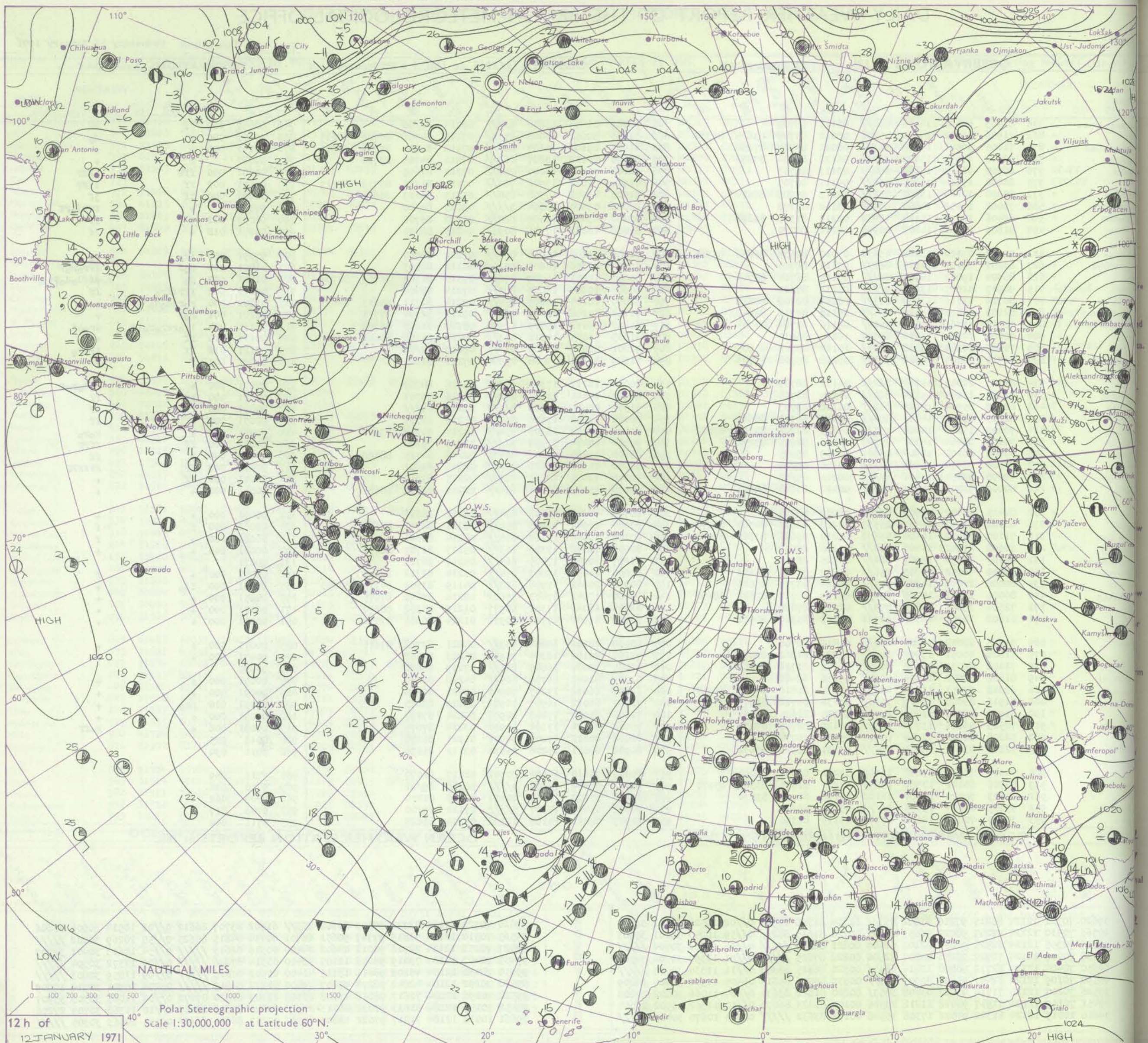
No. 39864

Date of Issue Wednesday 13 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		12 January 1971										12 January 1971														

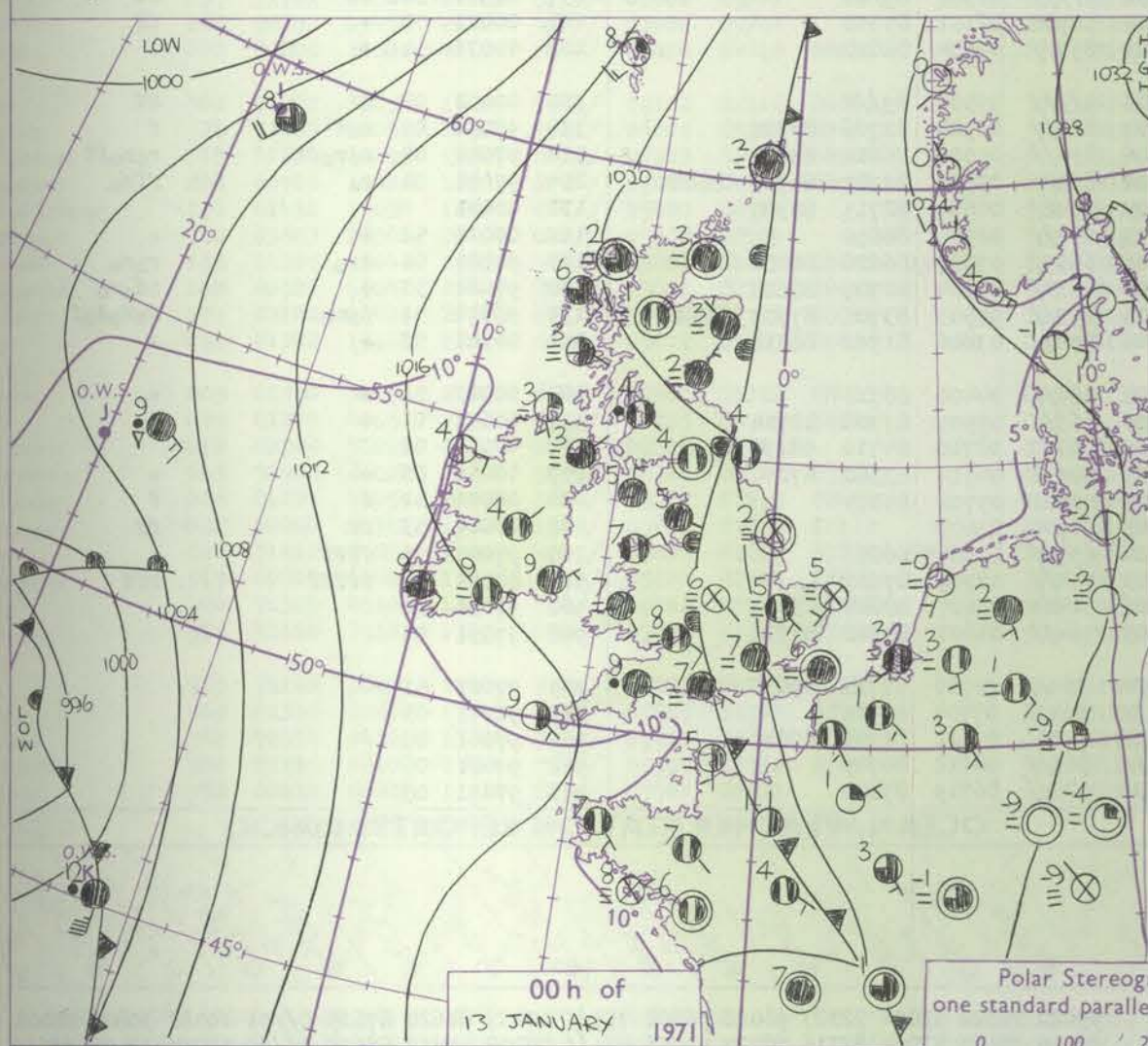
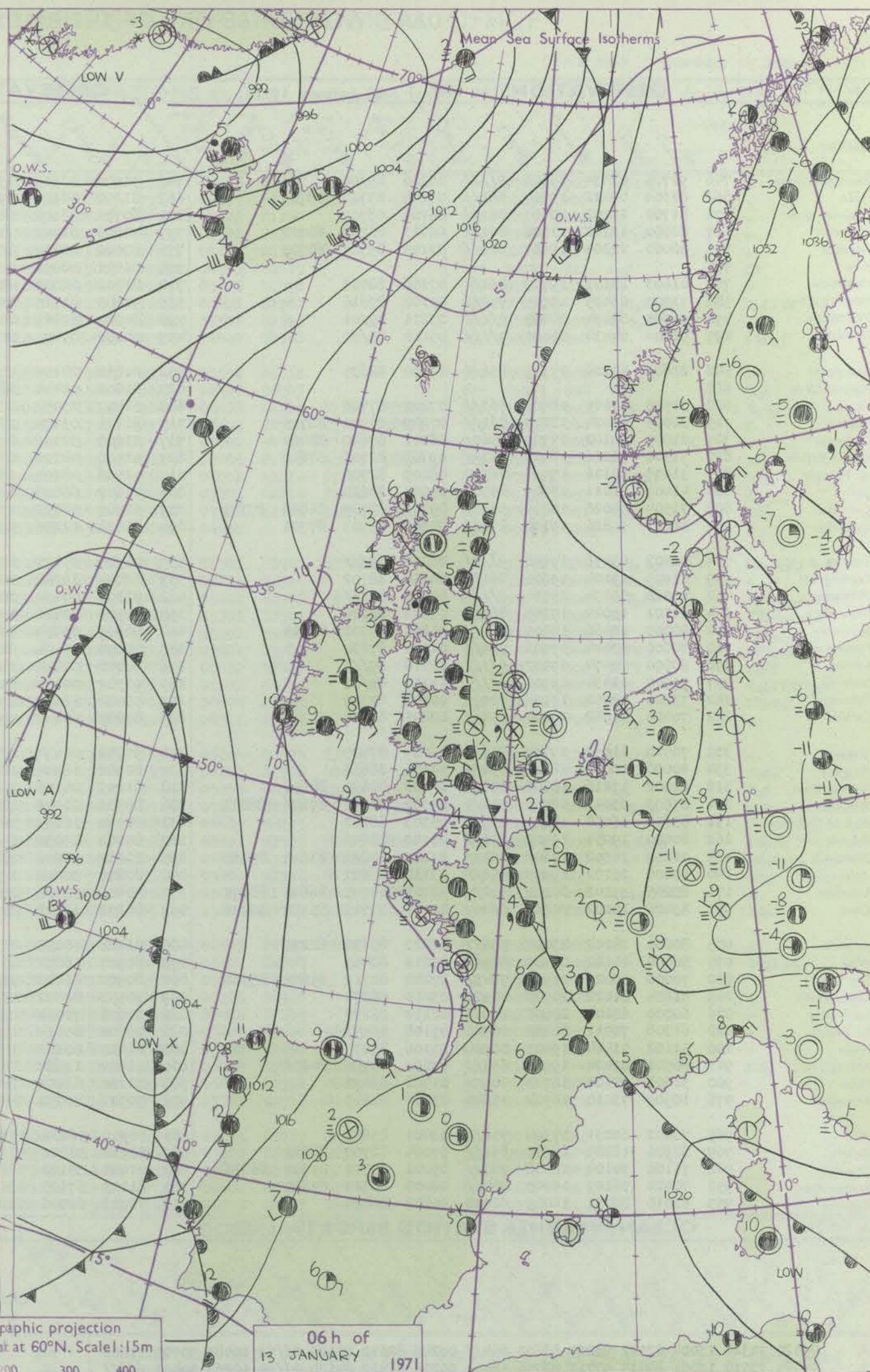
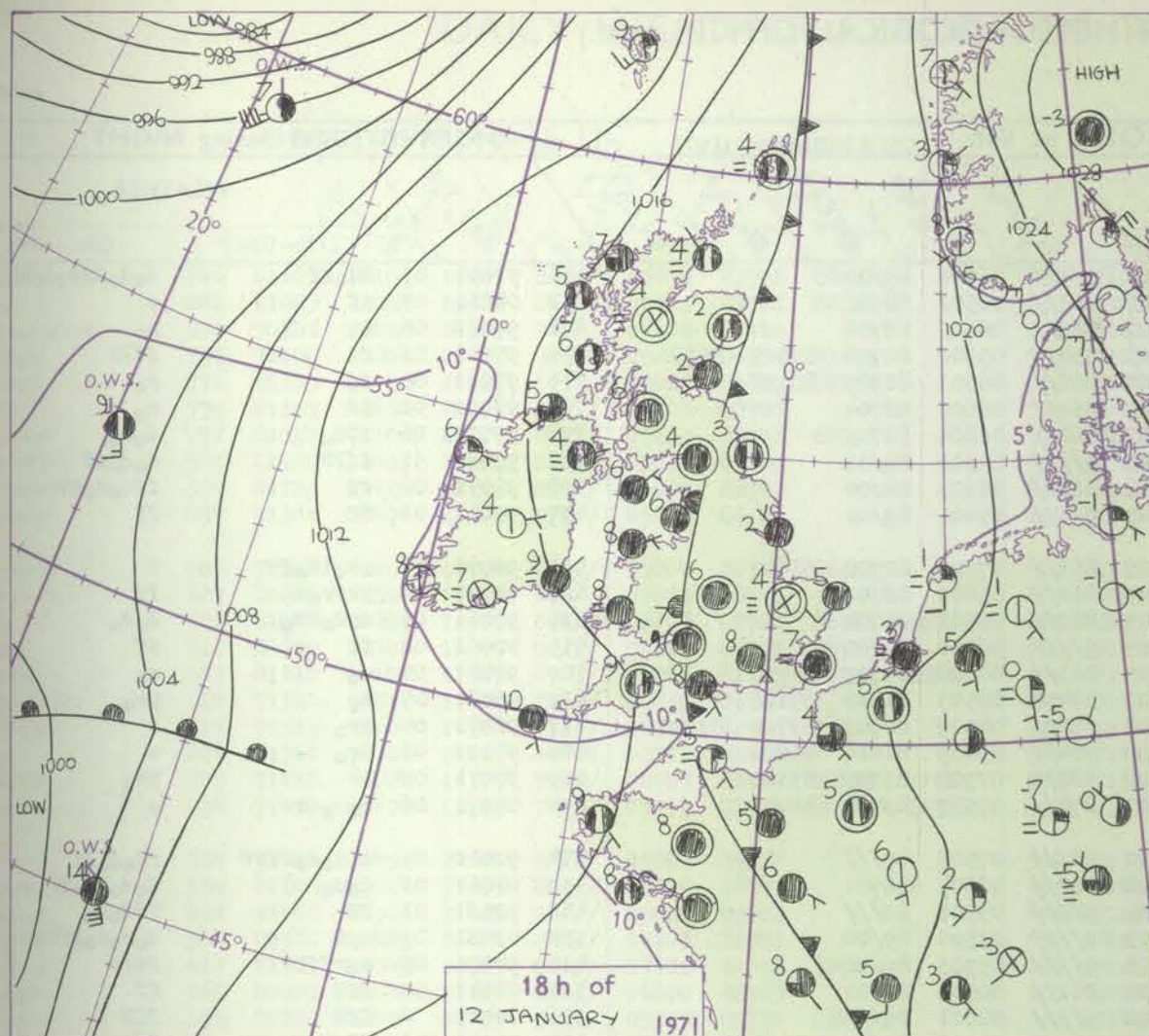


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over central Europe has remained almost stationary with a ridge of high pressure extending northwards. The southerly airstream over the British Isles has persisted over most districts, while the depression south of Iceland has continued to move steadily north and fill. The depression which yesterday was

near the Azores, has turned northeast and begun to fill. During the next 24 hours little general change is expected near the British Isles, but some intensification of the European anticyclone is expected.

Issued at midday Wednesday 13 January 1971



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

No. 39865

Code FM I.I.D		OBSERVATIONS at 00h. 13 January 1971										OBSERVATIONS at 06h. 13 January 1971										OBSERVATIONS during NIGHT						Code FM
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		iii	RR <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station		
																								21h.—03h.	03h.—09h.			
Boscombe Down	746	91706	02474	19106	9777	06206	89/00				746	91506	02515	19406	9777	06504	89/00				746	97051	05	Fdoff		dodoffdodoff	Boscombe	
Hurn	862	81104	09412	19507	8617	07204	83702	88703			862	81102	56104	19507	8637	06502	88706				862	00061	03	if		+	Hurn	
Thorney Island	871	81702	26102	20007	8617	06104	88702				871	80702	28102	20107	8637	06605	88708				871	97061	06	+		ro	Thorney I	
Manston	797	80000	12102	21006	8607	06211	84701	88702			797	70000	01442	21305	3503	05302	82700	83645	86360		797	97031	03	f		ffff	Manston	
Gatwick	776	80000	22204	19907	8627	07105	85704	88705			776	80000	20102	20307	8627	06503	82705	88706			776	97061	05	d <sub>o</sub>		ro	Gatwick	
Kew	775										775	81401	40052	20107	8627	06606	88704				775	97031	01	if		ro	Kew	
Heathrow	772	81603	28101	19707	8627	07106	88703				772	81501	42025	20007	8627	06804	88705				772	97071	06	jfd <sub>o</sub>		dod <sub>o</sub>	Heathrow	
Honington	586	71503	03425	19905	7547	05108	87616				586	91605	01515	20705	9777	05301	89/01				586	97031	51	ffff		dodoff	Honington	
Wattisham	590	91305	02474	20405	9777	05211	89/01				590	80000	02515	21006	8607	06303	88700				590	92051	04	ff		ffidodoff	Wattisham	
Gorleston	497	92004	04434	20005	9777	05210	89/04				497	90000	05474	20905	9777	05400	89/00				497	97042	01	ff		ff	Gorleston	
Aberporth	502	81609	40106	17307	8567	07500	88635				502	81810	28106	17207	8537	07502	82708	88630			502	94071	06	ir <sub>o</sub> id <sub>o</sub> ff		F	Aberporth	
Ross-on-Wye	627										627	81002	02444	18405	8617	05605	88702				627	01041	04	Fr <sub>o</sub> ff <sub>o</sub>		ff	Ross-on-W	
Filton	628	71508	37105	18408	7637	07207	87706				628	81507	23052	18807	8627	06502	88704				628	97061	06	dodoffd <sub>o</sub>		dod <sub>o</sub>	Filton	
Rhoose	715	81008	06424	18207	8617	07209	85702	88705			715	91111	03474	18407	9777	06500	89/00				715	00061	06	ff		ff	Rhoose	
Chivenor	707	81005	26102	17909	7567	08212	87640	88460			707	81208	32106	17309	8637	08604	84707	88710			707	97081	07	ro		ro	Chivenor	
Mount Batten	827	71306	56216	18009	7537	09308	82706	87641			827	41508	48108	17509	48400	08503	81818	84626			827	93081	05	ro		pro	Mount Bat	
St. Mawgan	817	31407	28106	17508	26330	08209	82706				817	71508	48101	16508	7527	08509	84703	83710	87640		817	91071	04	ir <sub>o</sub>		+	St. Mawga	
Scilly	804	41407	61011	15309	45500	09004	84620				804	71607	66028	14409	7847	09709	86818	85620			804	97091	06	pro		+	Scilly	
Culdrose	809	71504	50026	16809	5537	09306	82709	84628	87359		809	61505	50022	16708	48231	07504	83705	83360			809	97071	02	+		pro	Culdrose	
Guernsey	894	81611	30626	19108	8727	08306	85703	87704			894	81608	12286	18007	8707	07503	83700	88701			894	02071	06	ro <sub>o</sub> ir		+	Guernsey	
Elmdon	534	91402	03456	19106	9777	06206	89/77				534	91505	05475	19407	9777	07503	89/77				534	92061	05	d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> ffff		fd <sub>o</sub> d <sub>o</sub> ff	Elmdon	
Cardington	559	81905	19104	19606	8617	06106	88702				559	82004	19285	20006	8627	06605	88704				559	97061	01	d <sub>o</sub> d <sub>o</sub>		dodoff-f	Cardington	
Wittering	462	90000	00434	19304	9777	04005	89/77				462	92106	00454	20105	9777	05501	89/77				462	92031	03	FF		FFd <sub>o</sub> d <sub>o</sub>	Wittering	
Watnall	354	80501	13044	19205	8637	04004	88706				354	90504	00516	19803	9777	03504	89/00				354	01031	03	ro <sub>o</sub>		d <sub>o</sub> ro <sub>o</sub> ffff	Watnall	
Shawbury	414	80000	05466	18605	8617	05203	85702	88704			414	90000	00454	18705	9777	05503	89/00				414	94051	05	ro <sub>o</sub> ffff		FFFF	Shawbury	
Finningley	360	70000	03444	19501	7567	01106	87630				360	80000	09464	20300	8617	00503	88702				360	00511	51	fff		fff	Finningley	
Kilnsea	396	90000	00474	19702	9777	02210	89/77				396	90000	00434	21202	9777	02001	89/77				396	00010		fff		fff	Kilnsea	
Leeming	257	90000	01434	19900	9777	51209	89/01				257	91502	00454	20402	9777	01302	89/00				257	00511	51	ff		ff	Leeming	
Tynemouth	262	73206	48052	19104	7097	02105	87359				262	50000	32052	19904	50930	02101	85360				262	00021	52	+		ff	Tynemouth	
Carlisle	222	70000	14042	19204	7567	02205	87647				222	80809	40042	19105	8557	03604	88620				222	00031	51	+		+	Carlisle	
Valley	302	70510	11042	17707	7567	05204	87635				302	90701	00474	17406	9777	05503	89/77				302	00051	02	f		ff	Valley	
Ringway	334	80000	10046	18806	8547	04106	88618				334	80902	18044	18807	8637	04504	82706	88707			334	97051	05	ro <sub>o</sub>		f	Ringway	
Squires Gate	318	81002	17216	18605	8567	04106	82635	88656			318	81107	24106	18406	8547	05506	86614	88630	</									



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39865

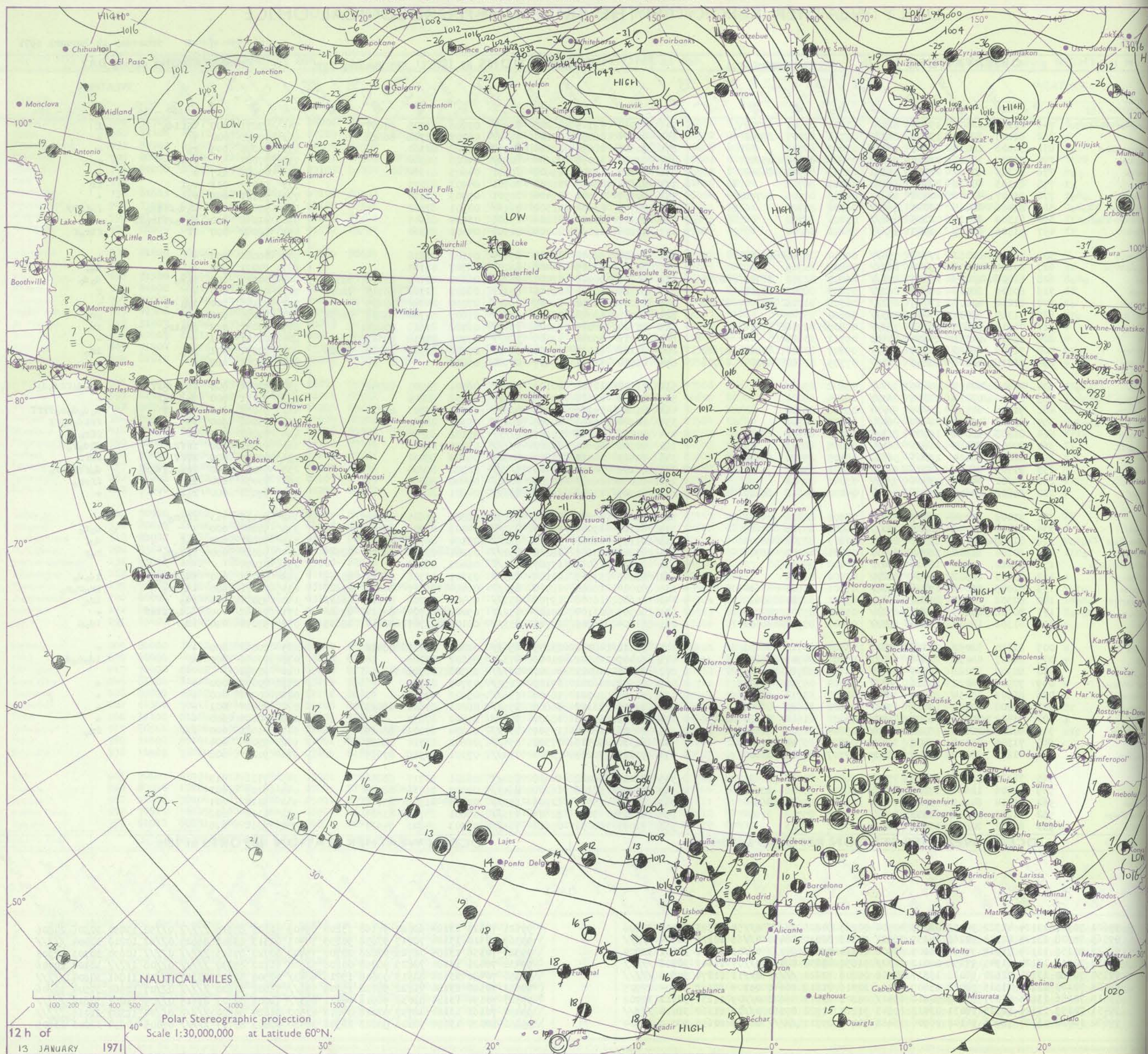
Date of Issue      Thursday 14 January 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
13 January 1971										13 January 1971										13 January 1971									
Code FM 11.D										Code FM 11.D										Code FM 11.D									
Station										Station										Station									
Nddff VVwww PPPTT N <sub>h</sub> ChC <sub>M</sub> CH T <sub>d</sub> T <sub>d</sub> app 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>										Nddff VVwww PPPTT N <sub>h</sub> ChC <sub>M</sub> CH T <sub>d</sub> T <sub>d</sub> app 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>										RRT T x F SSS WEATHER 09h.—15h. 15h.—21h.									
09h.										09h.										09h.									
Boscombe Down										Boscombe Down										Boscombe Down									
Hurn										Hurn										Hurn									
Thorney Island										Thorney Island										Thorney Island									
Manston										Manston										Manston									
Garwick										Garwick										Garwick									
Kew										Kew										Kew									
Heathrow										Heathrow										Heathrow									
Honington										Honington										Honington									
Wattisham										Wattisham										Wattisham									
Gorleston										Gorleston										Gorleston									
Aberporth										Aberporth										Aberporth									
Ross-on-Wye										Ross-on-Wye										Ross-on-Wye									
Filton										Filton										Filton									
Rhoose										Rhoose										Rhoose									
Chivenor										Chivenor										Chivenor									
Mount Batten										Mount Batten										Mount Batten									
St. Mawgan										St. Mawgan										St. Mawgan									
Silly										Silly										Silly									
Culdrose										Culdrose										Culdrose									
Guernsey										Guernsey										Guernsey									
Elmdon										Elmdon										Elmdon									
Cardington										Cardington										Cardington									
Wittering										Wittering										Wittering									
Watnall										Watnall										Watnall									
Shawbury										Shawbury										Shawbury									
Finningley										Finningley										Finningley									
Kilnsea										Kilnsea										Kilnsea									
Leeming										Leeming										Leeming									
Tynemouth										Tynemouth										Tynemouth									
Carlisle										Carlisle										Carlisle									
Valley										Valley										Valley									
Ringway										Ringway										Ringway									
Squires Gate										Squires Gate										Squires Gate									
Ronaldsday										Ronaldsday										Ronaldsday									
Mull of Galloway										Mull of Galloway										Mull of Galloway									
Eskdalemuir										Eskdalemuir										Eskdalemuir									
Prestwick										Prestwick										Prestwick									
Abbotsinch										Abbotsinch										Abbotsinch									
Leuchars										Leuchars										Leuchars									
Dyce										Dyce										Dyce									
Lerwick										Lerwick										Lerwick									
Wick										Wick										Wick									
Sule Skerry										Sule Skerry										Sule Skerry									
Cape Wrath										Cape Wrath										Cape Wrath									
Stornoway										Stornoway										Stornoway									
Benbecula										Benbecula										Benbecula									
Tiree										Tiree										Tiree									
Aldergrove										Aldergrove										Aldergrove									
Malin										Malin										Malin									
Belmullet										Belmullet										Belmullet									
Birr										Birr										Birr									
Dublin										Dublin										Dublin									
Shannon										Shannon										Shannon									
Roches Point										Roches Point										Roches Point									
Valentia										Valentia										Valentia									
Code FM 21.D										Code FM 21.D										Code FM 21.D									
O.W.S.										O.W.S.										O.W.S.									
99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub> Q <sub>1</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> YYGGiw Nddff VVwww PPPTT N <sub>h</sub> ChC <sub>M</sub> CH D <sub>5</sub> sapp 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> OT <sub>5</sub> T <sub>5</sub> T <sub>5</sub> T <sub>5</sub> IT <sub>5</sub> T <sub>5</sub> T <sub>5</sub> T <sub>5</sub> 3P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> d <sub>5</sub> d <sub>5</sub> P <sub>5</sub> H <sub>5</sub> H <sub>5</sub> T <sub>5</sub> P <sub>5</sub> P <sub>5</sub> H <sub>5</sub> H <sub>5</sub> H <sub>5</sub>										99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub> Q <sub>1</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> YYGGiw Nddff VVwww PPPTT N <sub>h</sub> ChC <sub>M</sub> CH D <sub>5</sub> sapp 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> OT <sub>5</sub> T <sub>5</sub> T <sub>5</sub> T <sub>5</sub> IT <sub>5</sub> T <sub>5</sub> T <sub>5</sub> T <sub>5</sub> 3P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> d <sub>5</sub> d <sub>5</sub> P <sub>5</sub> H <sub>5</sub> H <sub>5</sub> H <sub>5</sub> T <sub>5</sub> P <sub>5</sub> P <sub>5</sub> H <sub>5</sub> H <sub>5</sub> H <sub>5</sub>										99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub> Q <sub>1</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> YYGGiw Nddff VVwww PPPTT N <sub>h</sub> ChC <sub>M</sub> CH D <sub>5</sub> sapp 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> OT <sub>5</sub> T <sub>5</sub> T <sub>5</sub> T <sub>5</sub> IT <sub>5</sub> T <sub>5</sub> T <sub>5</sub> T <sub>5</sub> 3P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> P <sub>5</sub> d <sub>5</sub> d <sub>5</sub> P <sub>5</sub> H <sub>5</sub> H <sub>5</sub> H <sub>5</sub> T <sub>5</sub> P <sub>5</sub> P <sub>5</sub> H <sub>5</sub> H <sub>5</sub> H <sub>5</sub>									
0008										0008										0008									
0009										0009										0009									
0010										0010										0010									
0011										0011										0011									
0012										0012										0012									
0013										0013										0013									

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

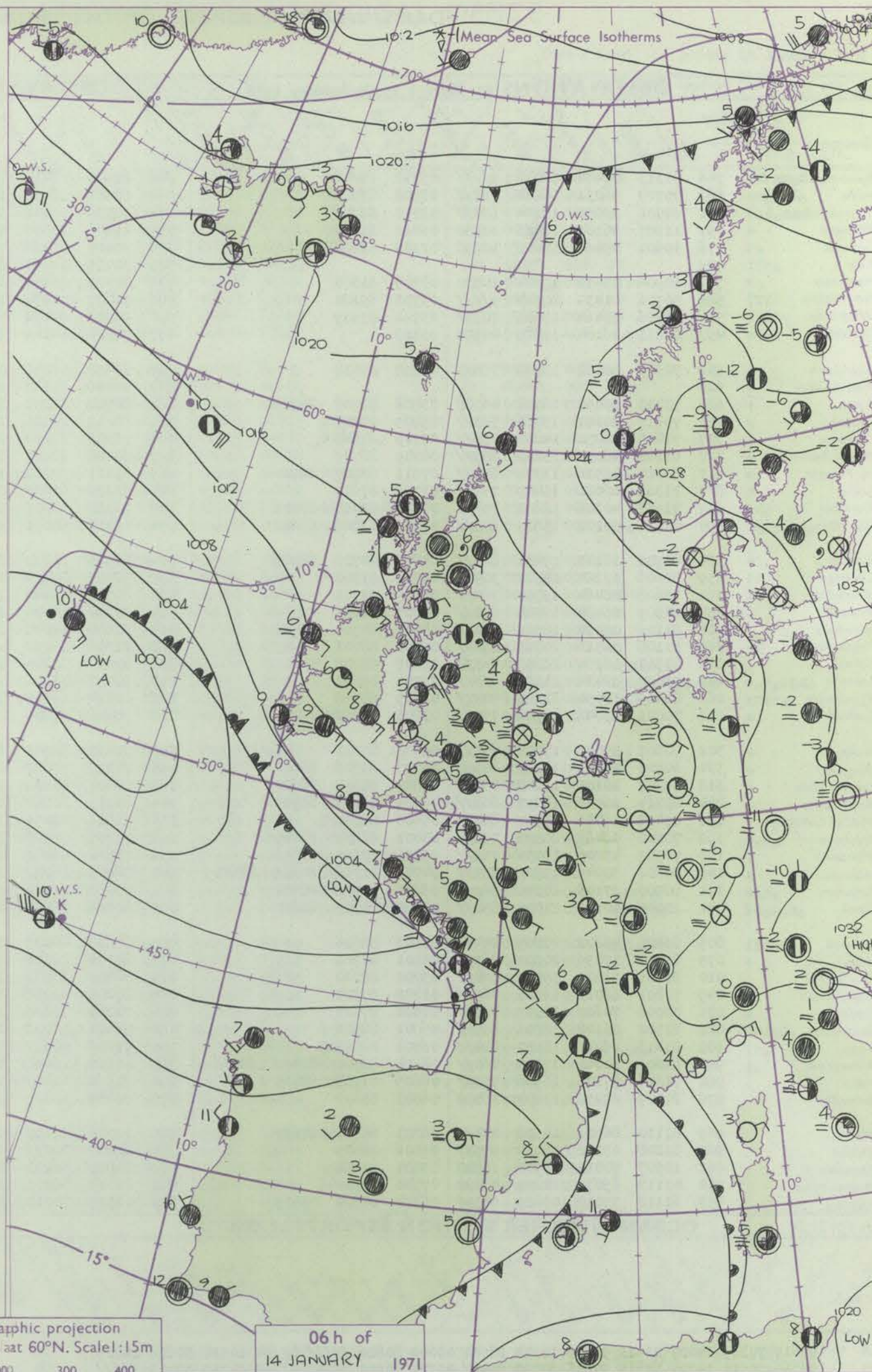
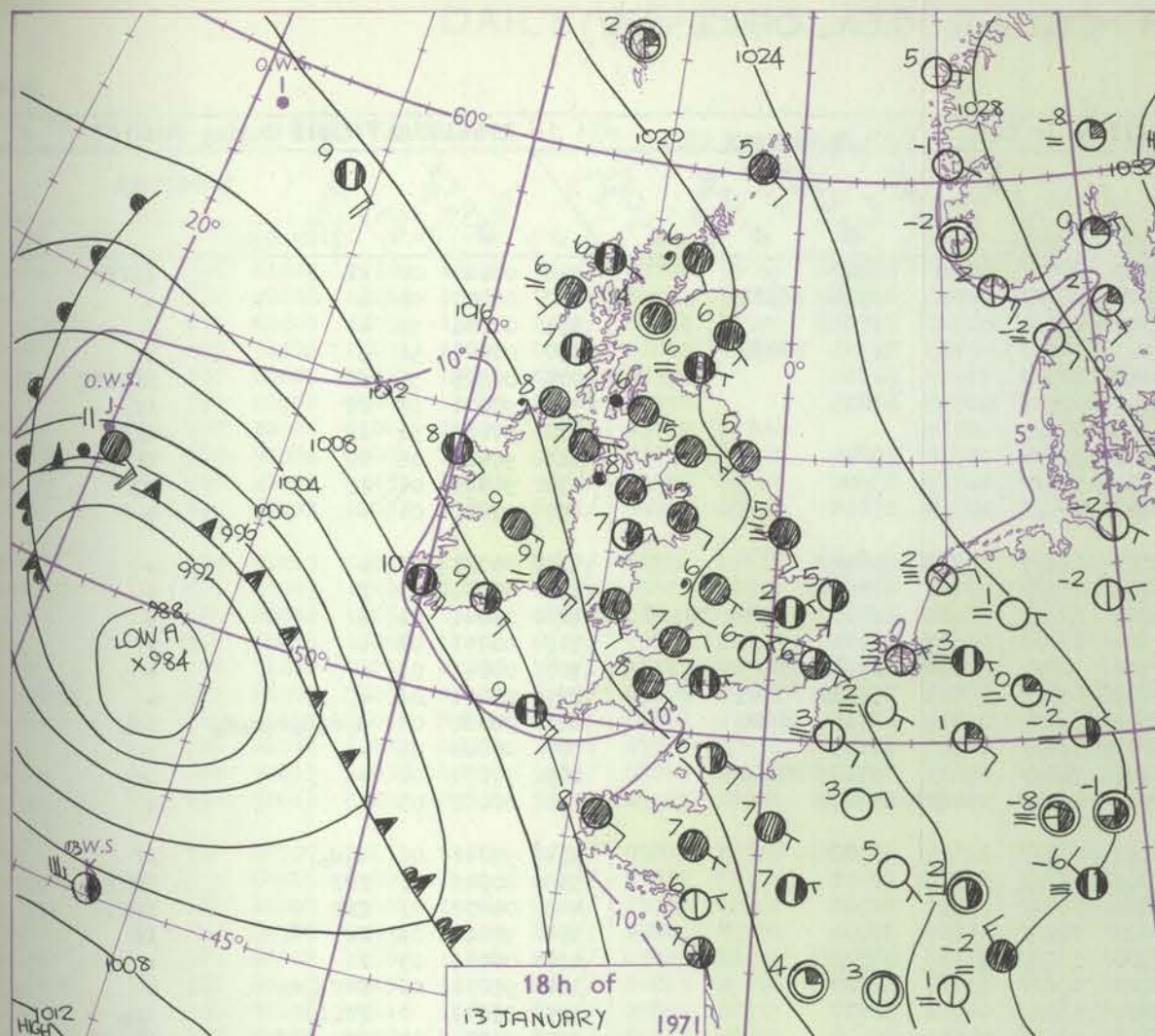


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The deep depression some 300 miles southwest of Ireland yesterday has drifted slowly northwestwards with little change in central pressure. Meanwhile the large anticyclone over northwest U.S.S.R has moved steadily southeastwards towards the Black Sea. Over the next 24 hours the low to the west of Ireland will be

absorbed in the circulation of a vigorously developing depression in mid-Atlantic and the European high will continue southwards. The United Kingdom will remain under a relatively dry but cloudy southeasterly airstream.

Issued at midday Thursday 14 January 1971



lo. 3986

All times of

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



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

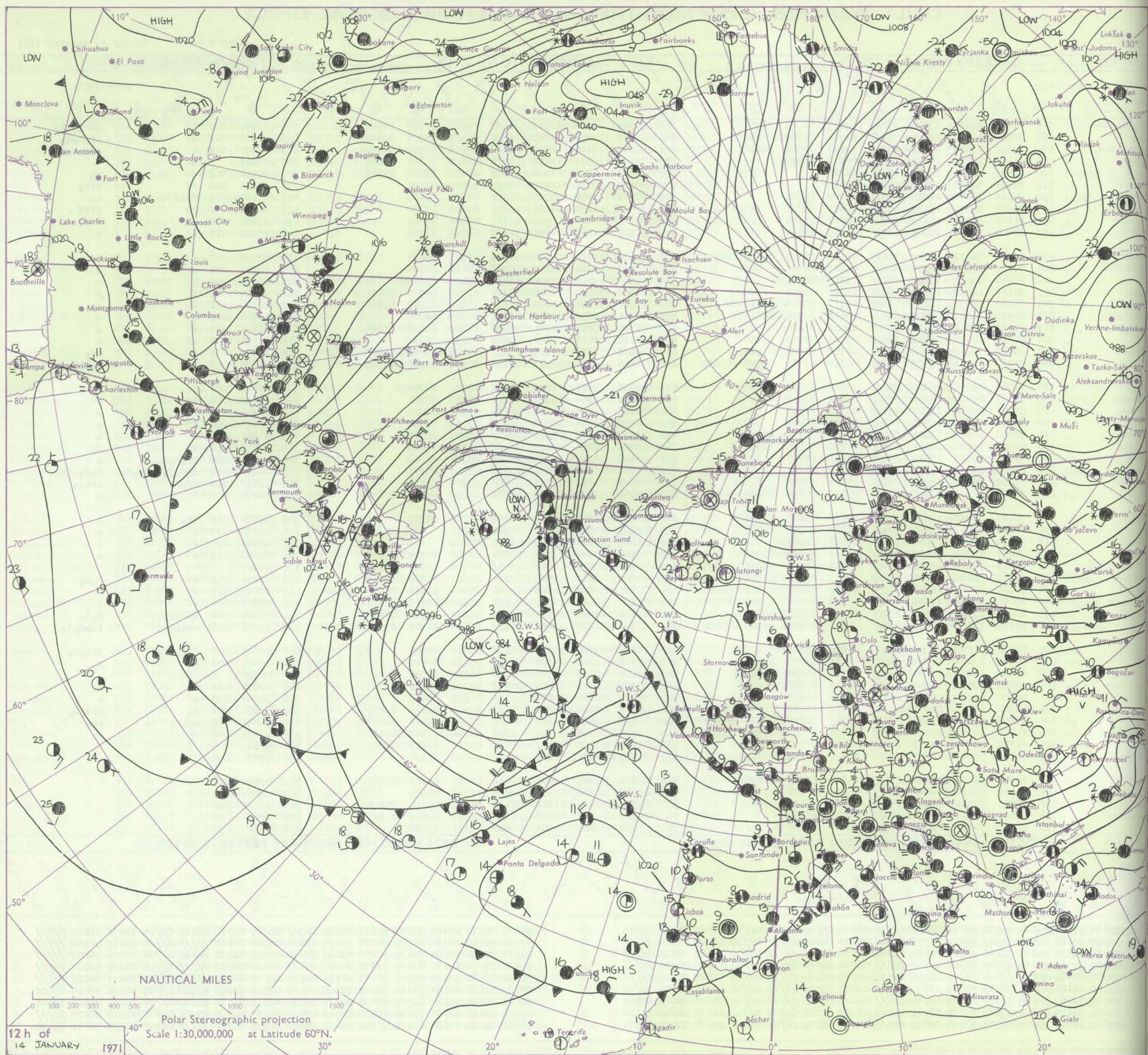
10. 39866

Date of Issue Friday 15 January 1971

Code FM 11.D		OBSERVATIONS at 12h. 14 January 1971										OBSERVATIONS at 18h. 14 January 1971										OBSERVATIONS during DAY													
-09h.	Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT x T E	SSS	WEATHER			
																																09h.—15h.	15h. — 21h.		
	Boscombe Down	746	81210	11284	13103	861//	03808	86702	88703		746	80909	006422	11503	861//	03602	82702	88703		746	97041	000	ff									ff	ff	ff	ff
	Hurn	862	70608	18052	12305	753//	04714	83706	86612		862	80507	220052	10305	853//	04805	83707	88610		862	92061	002	+									+	ir	ir	ir
	Thorney Island	871	60609	13054	13205	663//	04812	82709	86710		871	80708	118211	11405	863//	04608	82708	88709		871	01061	010	+									+	ro	ro	ro
	Manston	797	31306	26051	14305	00901	03812	83072			797	71307	228051	13404	50932	03803	85361	84075		797	00061	010	+									+	ro	ro	ro
	Gatwick	776	00605	15054	13804	00900	02710				776	70906	116041	12404	6543/	02602	86618	87362		776	97061	062	f									f	ro	ro	
	Kew	775	00906	08444	13805	00900	03710				775	80605	009444	12404	862//	03601	88705		775	91051	008	ff										ff	ff	ff	
	Heathrow	772	30506	11044	14105	26301	03708	82706			772	10507	114040	12404	10930	03702	81360		772	91061	010	ffif										ff	ro	ro	
	Honington	586	90806	00474	15103	9////	03811	89/01			586	90906	001434	14103	9////	03500	89/00		586	91041		FF										FF	FF	FF	
	Wattisham	590	91105	02434	15103	9////	03810	89/00			590	90703	000434	13902	9////	02801	89/00		590	97041	000	FF										FF	FF	FF	
	Gorleston	497	60405	12052	15806	6091/	04707	86460			497	31204	110051	14605	30910	04304	83460		497	97061	001	+										+	+	+	
	Aberporth	502	71213	56051	12205	754//	02814	81615	86635	86645	502	11112	440051	11304	00901	01801	81075		502	00061	005	+										+	+	+	
	Ross-on-Wye	627	80507	17102	13604	862//	03813	88704			627	80608	2124052	12604	862//	02101	88704		627	00041	000	+										+	+	+	
	Filton	628	80610	17052	13204	862//	03810	88705			628	80608	119052	12104	863//	02101	88707		628	00051	000	+										+	+	+	
	Rhoose	715	60616	18054	12105	663//	03816	86706			715	80715	330052	11604	863//	02302	84707	88711		715	00051	001	f									+	+	+	
	Chivenor	707	71210	40051	11207	754//	05713	82712	83618	86625	707	70904	332051	10805	754//	03107	83710	87625		707	00081	021	+									+	+	+	
	Mount Batten	827	60915	56051	09708	654//	07813	83710	86615		827	80710	2128052	09506	863//	05003	88708		827	00081	017	+										+	+	+	
	St. Mawgan	817	21113	56050	09509	12501	06812	81820			817	70708	337051	09705	4547/	04209	84618	87360		817	00091	062	+									+	+	+	
	Scilly	804	61012	61021	08009	38430	07709	82818	85358		804	61011	4448018	08608	65500	07205	86622		804	01101	011	pr										+	+	+	
	Culdrose	809	70815	56058	09008	5833/	08710	81707	83709		809	80614	223052	08707	852//	06000	83705	85709	88618		809	97091	005	+								+	id	id	
	Guernsey	894	71012	58051	09307	76232	05715	83705	84707	85650	894	81506	115516	07907	870//	07602	85701	87702		894	94081	005	ir									ir	do	do	
	Elmdon	534	80707	15054	15004	862//	03808	84703	88704		534	80708	113052	13803	862//	02101	88704		534	00041	000	+										+	+	+	
	Cardington	559	80505	09424	14903	862//	03812	88704			559	80706	007464	13903	862//	02500	88704		559	00041	000	ff										ff	ff	ff	
	Wittering	462	81007	05444	15403	860//	03711	88701			462	80508	114044	14304	862//	03301	88704		462	00041	000	ff										+	+	+	
	Watnall	354	80707	09424	15503	862//	03815	88703			354	80709	119104	14404	863//	03504	88706		354	00041	000	ff										+	+	+	
	Shawbury	414	81008	12104	14804	860//	03810	84701	88702		414	81107	119042	13604	862//	03000	88704		414	00051	000	f										+	+	+	
	Finningley	360	80402	13102	16105	862//	04813	85704	88707		360	80000	112284	14605	863//	05502	88706		360	00051	000	+										ff	ff	ff	
	Kilnsea	396	81108	32616	16605	874//	05808	88715			396	81106	332106	15205	863//	05801	88709		396	01051	000	ir									ir	ro	ro		
	Leeming	257	83402	14586	16905	870//	04812	88701			257	83301	006416	15005	870//	05803	88701		257	04051	000	do									do	ro	ro		
	Tynemouth	262	81009	48105	17306	864//	05811	88710			262	80803	661606	15406	856//	05707	88630		262	12062	000	id			</										

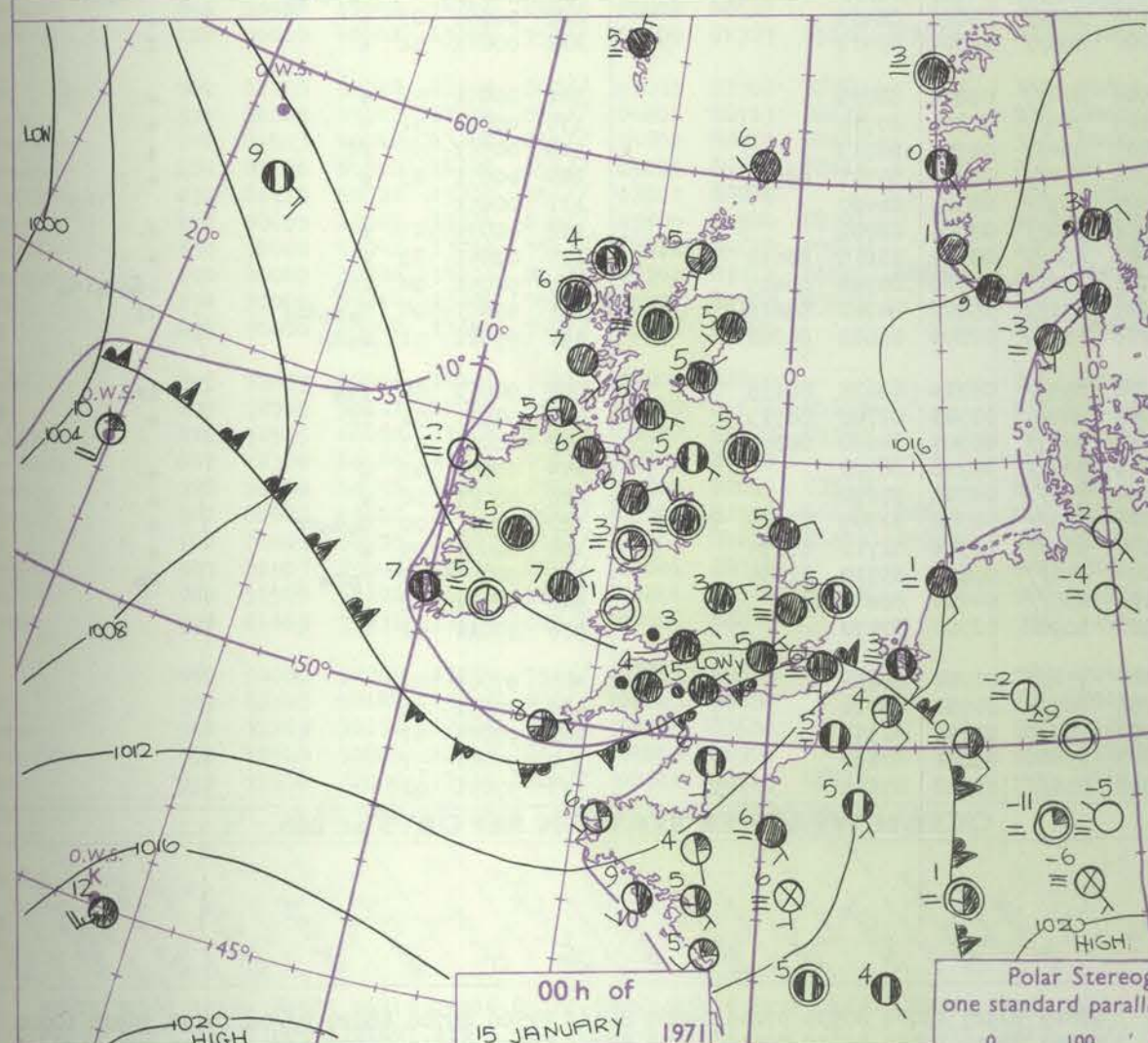
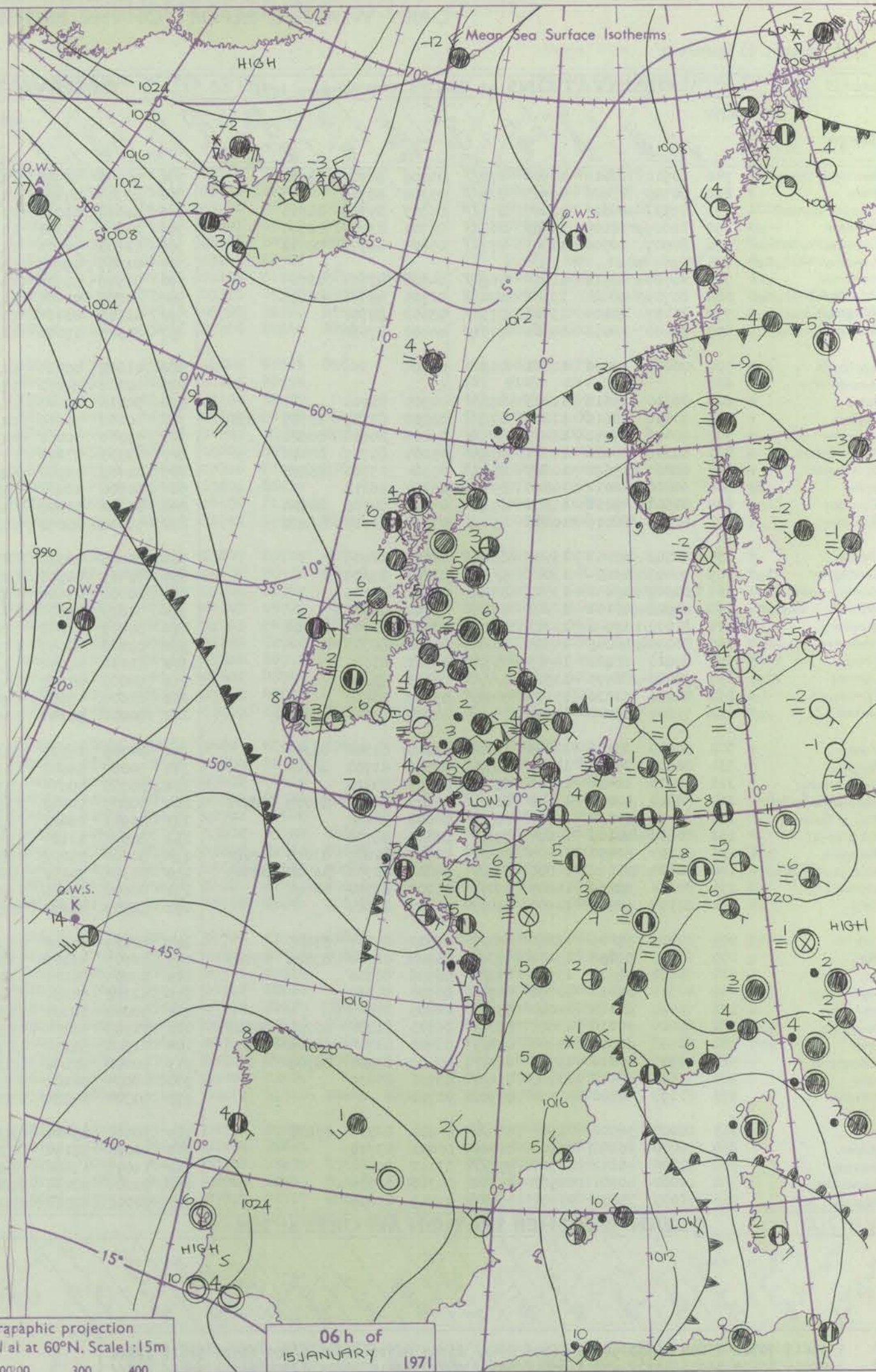
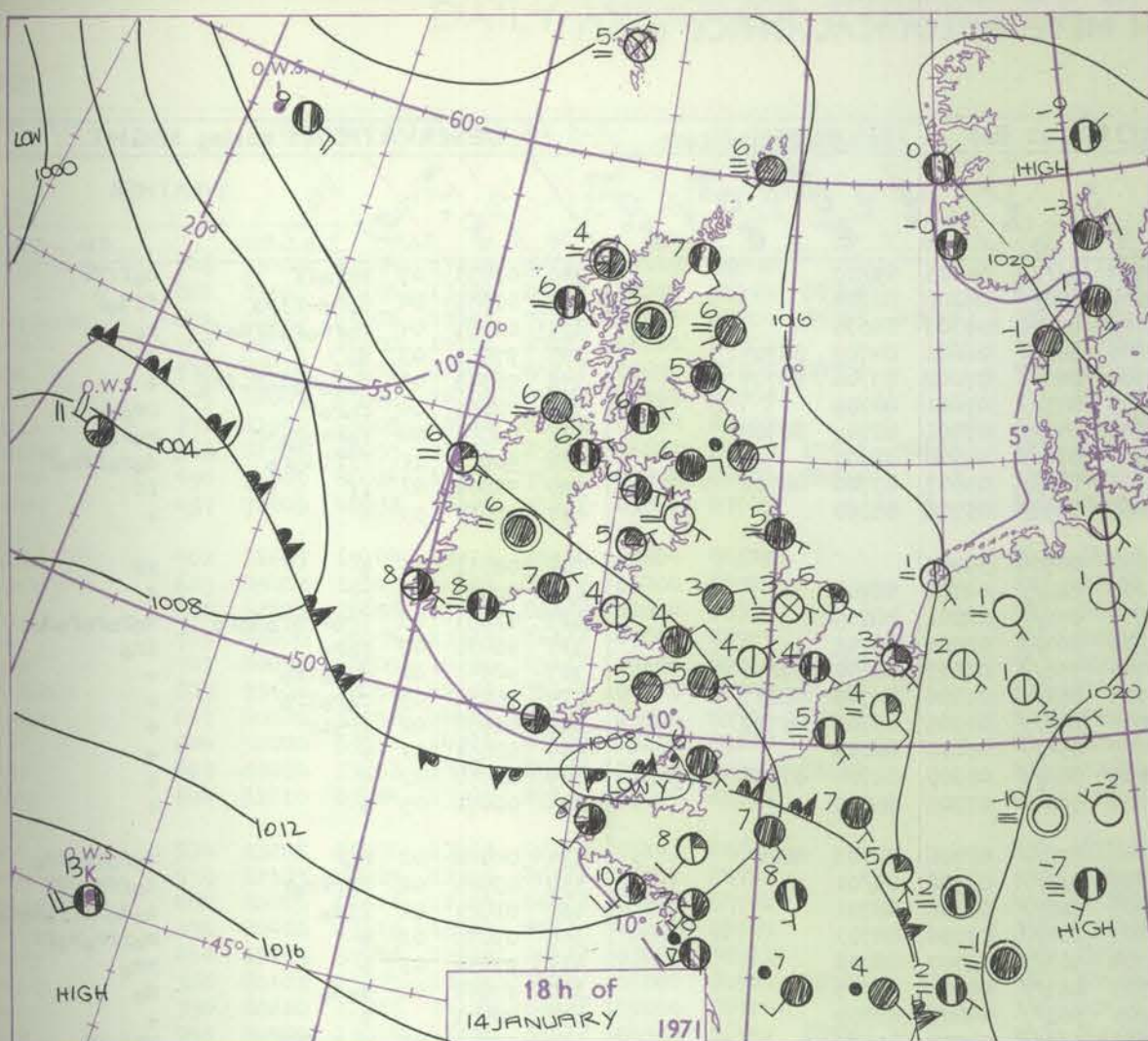


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

The depression which was west of Ireland yesterday morning has moved away and become absorbed in the low complex further west. The associated occlusion however has moved north over southeastern counties of England and will continue to move slowly northeast. A weakening ridge will persist over northern Britain

but a cold front trough will approach western Ireland later. Pressure will remain high over southeast Europe and low over Scandinavia with a broad trough over the North Sea.

Issued at midday Friday 15 January 1971



## Code FM

Code FM

H.M.S.O. Press. Met. O. 1

All times of



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39867

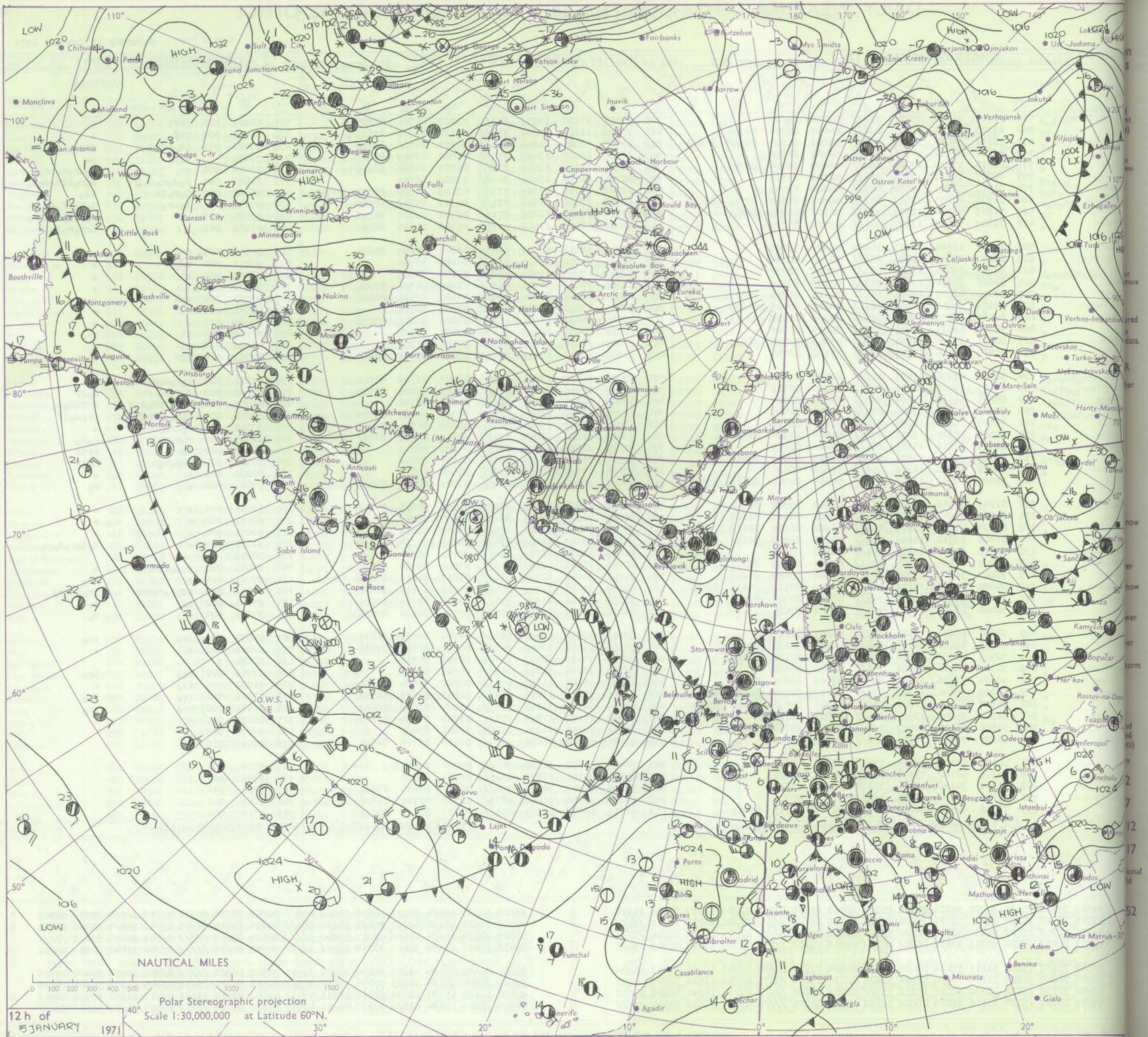
Date of Issue      Saturday 16 January 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
15 January 1971										15 January 1971										15 January 1971									
Station										Station										Station									
iii Nddff VVwww PPPTT N <sub>h</sub> ChC <sub>M</sub> CH T <sub>d</sub> T <sub>d</sub> app 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>										iii Nddff VVwww PPPTT N <sub>h</sub> ChC <sub>M</sub> CH T <sub>d</sub> T <sub>d</sub> app 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub> 8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>										iii RRT x E SSS WEATHER 09h.—15h. 15h.—21h.									

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

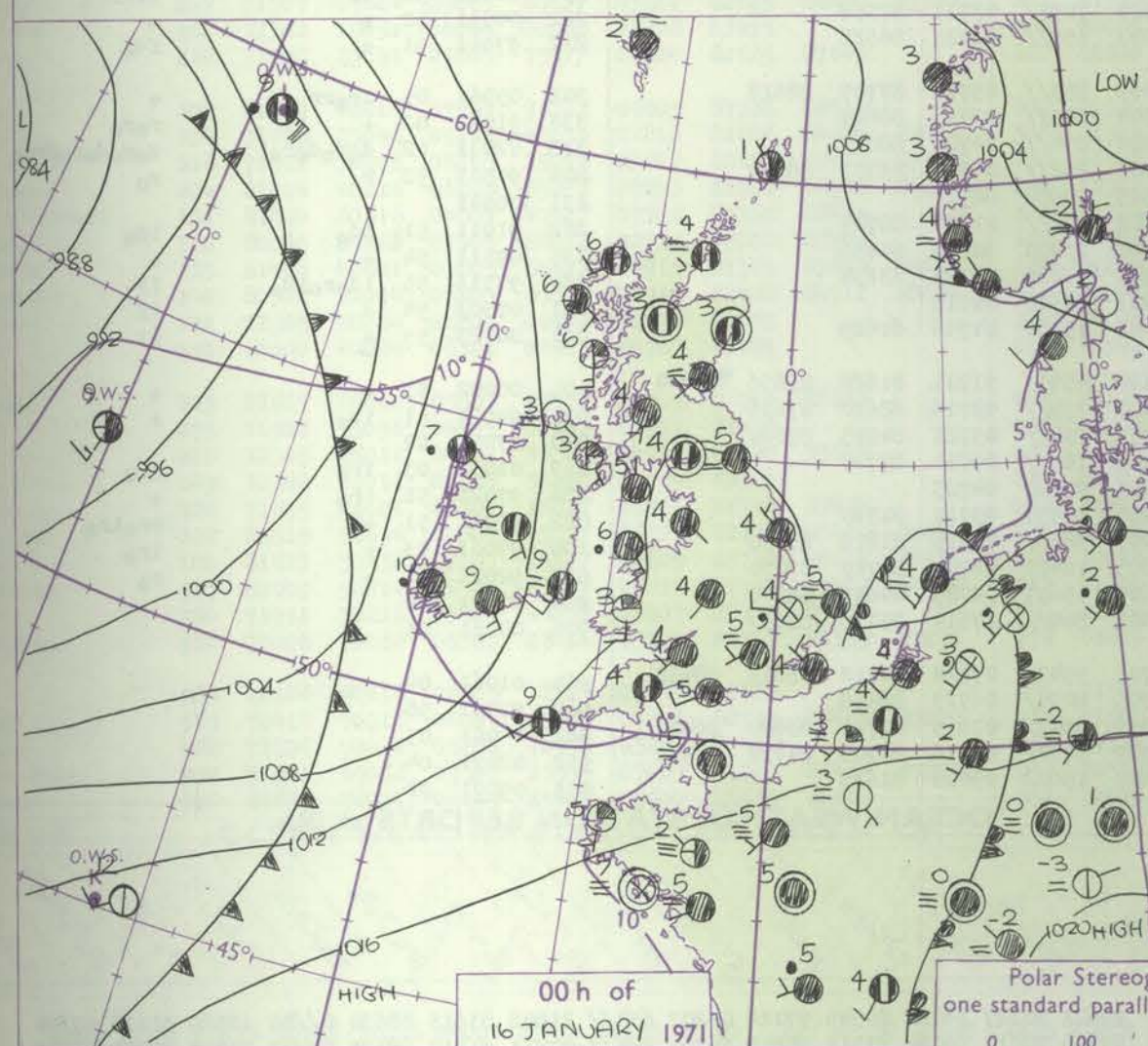
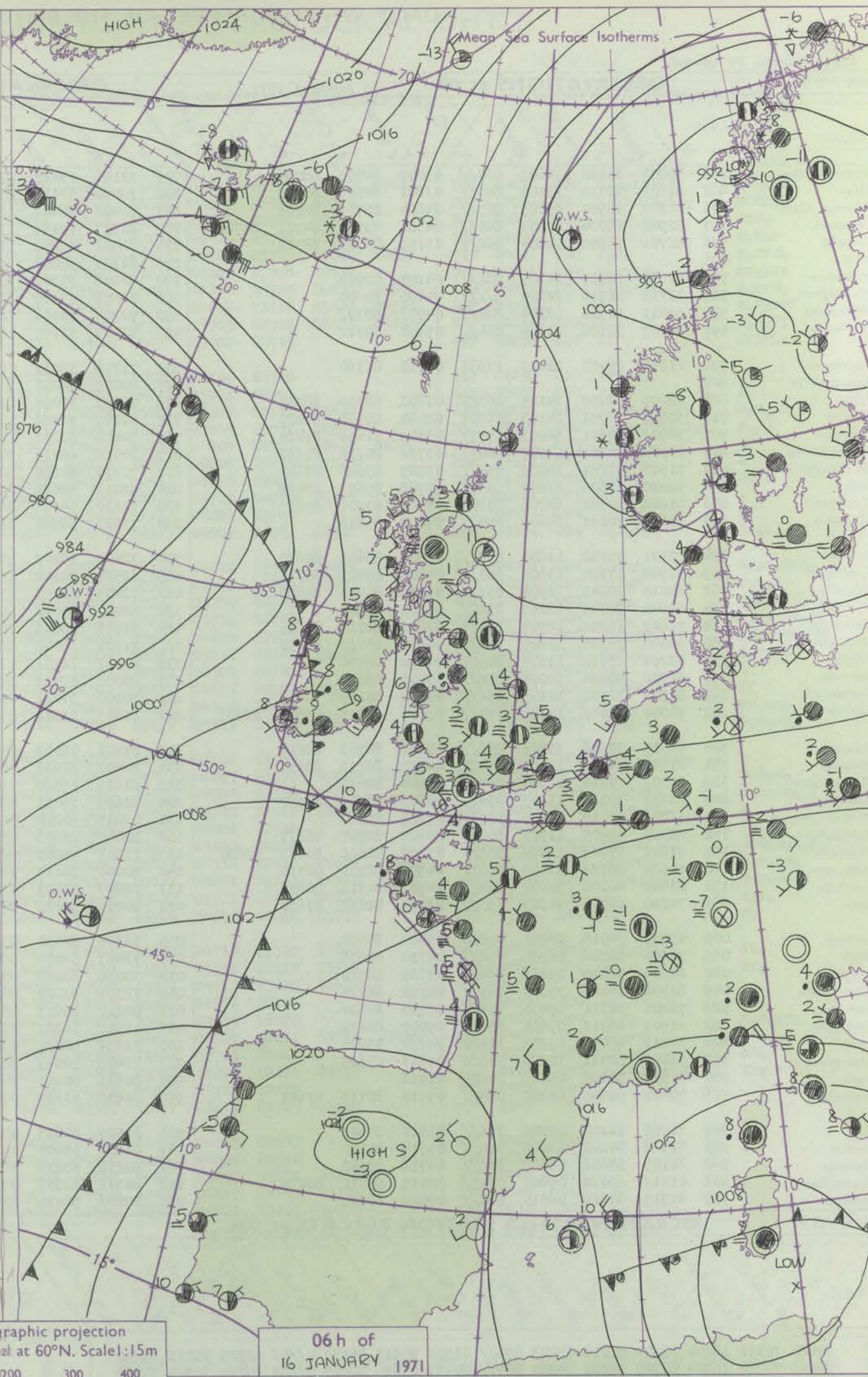
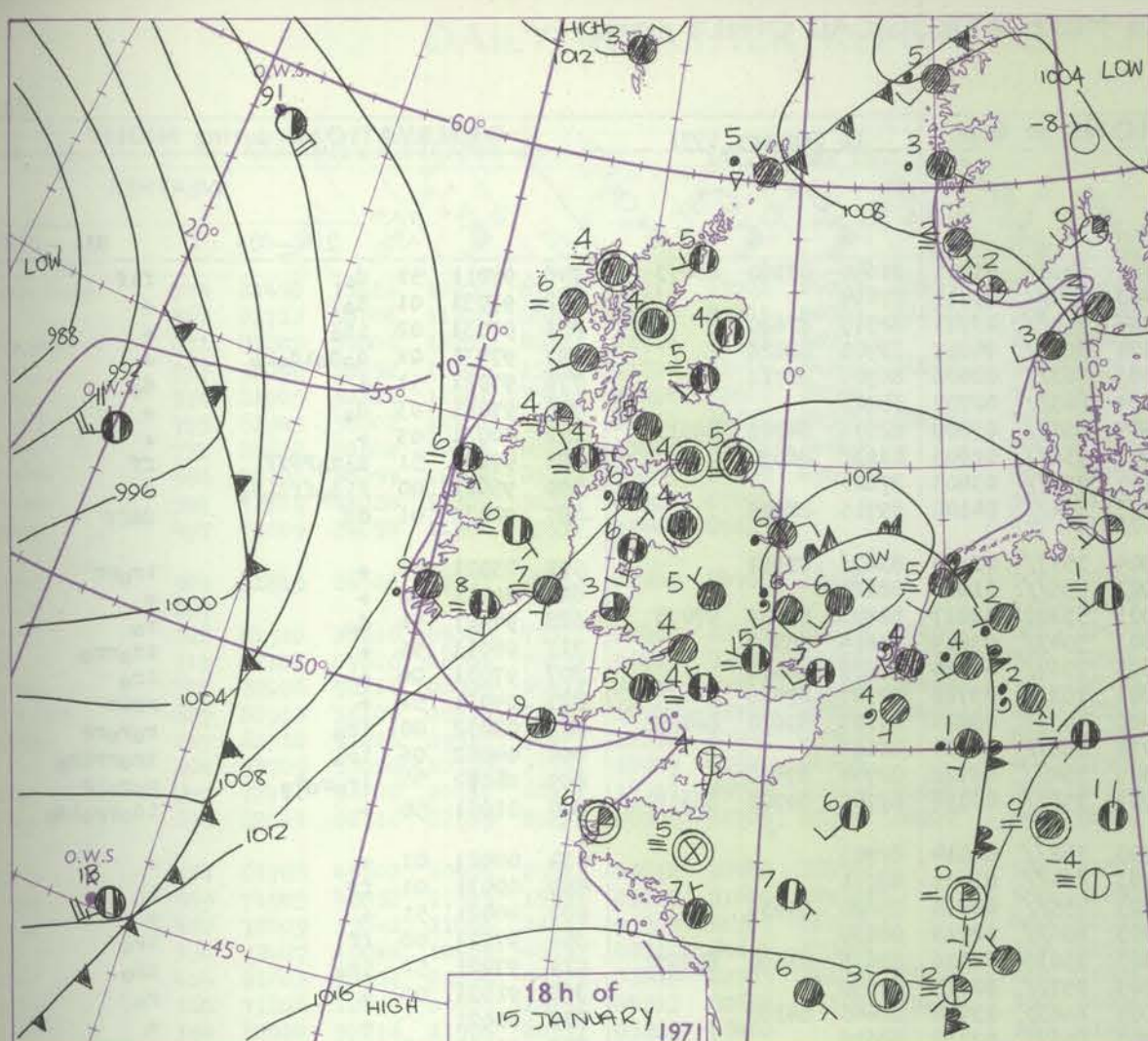


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPSIS DEVELOPMENT

Pressure remains high over Greenland and Spain and low over the Atlantic. The weak frontal trough which was over England yesterday moved east to be replaced by a weak ridge of high pressure over England and Scotland and another weak frontal trough

to the west of Ireland. During the next 24 hours the high over Spain will move southeast and an intense depression will move northeast towards southwest England with the associated fronts swinging north into southern England.

Issued at midday Saturday 16 January 1971



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

Code FM I.I.D	OBSERVATIONS at 00h. 16 January 1971									OBSERVATIONS at 06h. 16 January 1971									OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RR <sub>T</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	82807	23102	14803	862//	03002	84703	88704		746	72106	09415	13001	15631	01711	81640	83360	86073	746	97011	51	d <sub>o</sub>	fif
Hurn	862	82609	58055	15105	863//	03801	84706	88708		862	70000	56112	13003	754//	03715	87614			862	97031	01	d <sub>o</sub>	+
Thorney Island	871	82807	18501	15305	863//	04004	85706	88708		871	70000	48102	13904	754//	03711	82718	87620		871	97031	02	id <sub>o</sub>	+
Manston	797	82906	19204	13504	860//	04301	83700	84701	88702	797	82707	19106	13104	852//	04802	83703	88626		797	97031	02	d <sub>o</sub> d <sub>o</sub> id <sub>o</sub> r <sub>o</sub>	+
Gatwick	776	82706	16106	14604	862//	03105	85703	88704		776	82402	40202	13703	863//	02806	86706	88712		776	97021	51	+	d <sub>o</sub>
Kew	775									775	82305	58052	12804	863//	02707	88706			775	97041	03	d <sub>o</sub>	+
Heathrow	772	82607	16105	14105	862//	04104	88704			772	82206	35102	12904	853//	03809	82706	84706	88613	772	00031	03	+	+
Honington	586	92711	01516	12204	9//	04400	89/00			586	72305	07465	11903	756//	02605	83632	86650		586	97021	51	d <sub>o</sub> d <sub>o</sub> FFFF	ff
Wattisham	590	82811	10586	12204	860//	04701	88701			590	72706	19106	12104	755//	03803	87620			590	95021	00	f1d <sub>o</sub> ffld <sub>o</sub> r <sub>o</sub>	f
Gorleston	497	82207	32106	11305	864//	05602	88712			497	82707	32105	11205	854//	04102	85715	88625		497	92032	01	dd	ddff
Aberporth	502	21814	28051	12403	10931	02713	81360			502	71718	32051	08904	3577//	03820	83656	87362		502	03021	01	+	ir <sub>o</sub> rr
Ross-on-Wye	627									627	82006	48052	10903	855//	01815	88620			627	00011	51	+	+
Filton	628	82005	37055	14104	863//	03803	82709	88712		628	71503	32052	11803	55302	02817	82706	85622	87073	628	97021	51	d <sub>o</sub>	r <sub>o</sub>
Rhoose	715	50000	56051	14103	16301	02004	81708	85075		715	81007	30106	11303	5543//	03819	85614	88359		715	96011	51	+	ir <sub>o</sub> rr <sub>o</sub>
Chivenor	707	70905	28101	14003	1577//	03709	81656	87464		707	80908	62216	10605	7567//	04724	87630	88362		707	97031	00	+	ir <sub>o</sub>
Mount Batten	827	70000	50051	14904	4647//	03706	84718	87365		827	72018	48216	10809	753//	09728	82707	87616		827	04031	51	+	rrir
St. Mawgan	817	71511	56051	14006	755//	05809	83625	87645		817	71710	40106	10008	45371	08824	83707	83620	86459	817	03032	00	ir <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> rr
Scilly	804	72010	63606	13309	5557//	08708	85623	87458		804	82011	59616	09010	855//	10724	88621			804	04082	06	ir <sub>o</sub>	ir <sub>o</sub> rrir <sub>o</sub>
Culdrose	809	51906	32606	14008	55300	06708	83708	85614		809	72110	56106	10309	752//	09722	82704	87618		809	05042	55	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> ir
Guernsey	894	62605	70031	14606	654//	05802	86616			894	71810	50502	13707	752//	06714	82703	84706	86618	894	01051	50	+	id <sub>o</sub> ir <sub>o</sub> id <sub>o</sub>
Elmdon	534	82101	17052	13604	854//	03802	83615	88620		534	72003	18102	11703	762//	02814	87703			534	00021	01	+	+
Cardington	559	82508	17104	13504	863//	04104	85708	88712		559	82504	28102	12103	864//	03611	88711			559	00031	01	ff	+
Wittering	462	83010	20045	12904	853//	03002	84706	88620		462	72405	23042	11503	755//	02714	85620	87636		462	00021	51	+	+
Watnall	354	82604	28045	13203	855//	02803	88622			354	82407	23042	11203	856//	02713	88639			354	97021	00	ff	ir <sub>o</sub>
Shawbury	414	71803	19102	12904	754//	03806	82714	87630		414	71704	28046	10603	35636	02616	83638	83360	87275	414	97021	51	ir <sub>o</sub>	ir <sub>o</sub>
Finningley	360	80000	16105	12605	854//	04803	85710	88630		360	71902	28042	10303	757//	02715	87650			360	91031	00	+	r <sub>o</sub>
Kilnsea	396	83206	16022	13504	8097//	04110	88460			396	42712	12101	11604	25630	03708	82640	84360		396	00021		+	+
Leeming	257	82702	40044	12004	856//	03806	88632			257	80000	07412	09903	855//	02715	88628			257	00001	52	1f	1fFF
Tynemouth	262	82702	32102	12105	856//	04604	88630			262	70000	61022	09804	7097//	03711	87358			262	00031	52	+	+
Carlisle	222	70000	48046	12104	754//	03807	81713	84618	86635	222	61303	32045	09002	655//	01721	86628			222	97011	51	+	fd <sub>o</sub>
Valley	302	81513	30632	11806	852//	05808	84703	88614		302	81822	48046	08406	853//	05717	87707	88618		302	05061	05	ir <sub>o</sub> rr	+
Ringway	334	81802	24042	13004	854//	02805	86713	88630		334	81506	22616	09304	855//	03718	88620			334	91031	02	+	r <sub>o</sub> r <sub>o</sub>
Squires Gate	318	81302	18216	12504	854//	04806	88617			318	81509	16586	09604	854//	04720	88618			318	02031	02	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> rr <sub>o</sub>
Ronaldsway	204	83602	50046	11505	854//	04807	86714	88650		204	81608	59041	08007	852//	06620	83703	88624		204	94501	52	r	r <sub>o</sub>
Mull of Galloway	131	51811	63012	10605	50930	03708	85360			131	01815	60020	07505	00900	04722				131	00041			
Eskdalemuir	162	82304	48205	11703	853//	02807	82707	88617		162	80000	23506	08802	872//	01820	88704			162	91011	51	id <sub>o</sub>	id <sub>o</sub>
Prestwick	135	81803	57046	11304	855//	03805	82621	83627	88630	135	11102	57041	08000	15700	50721	81656			135	00511	54	+	+
Abbotsinch	140	80000	30046	11405	863//	04806	82708	88710		140	30000	30111	08702	35600	02717	83634			140	97513	55	id <sub>o</sub> r <sub>o</sub> id <sub>o</sub>	1f
Leuchars	171	82404	40106	10804	854//	04707	81712	88647		171	02507	32101											



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

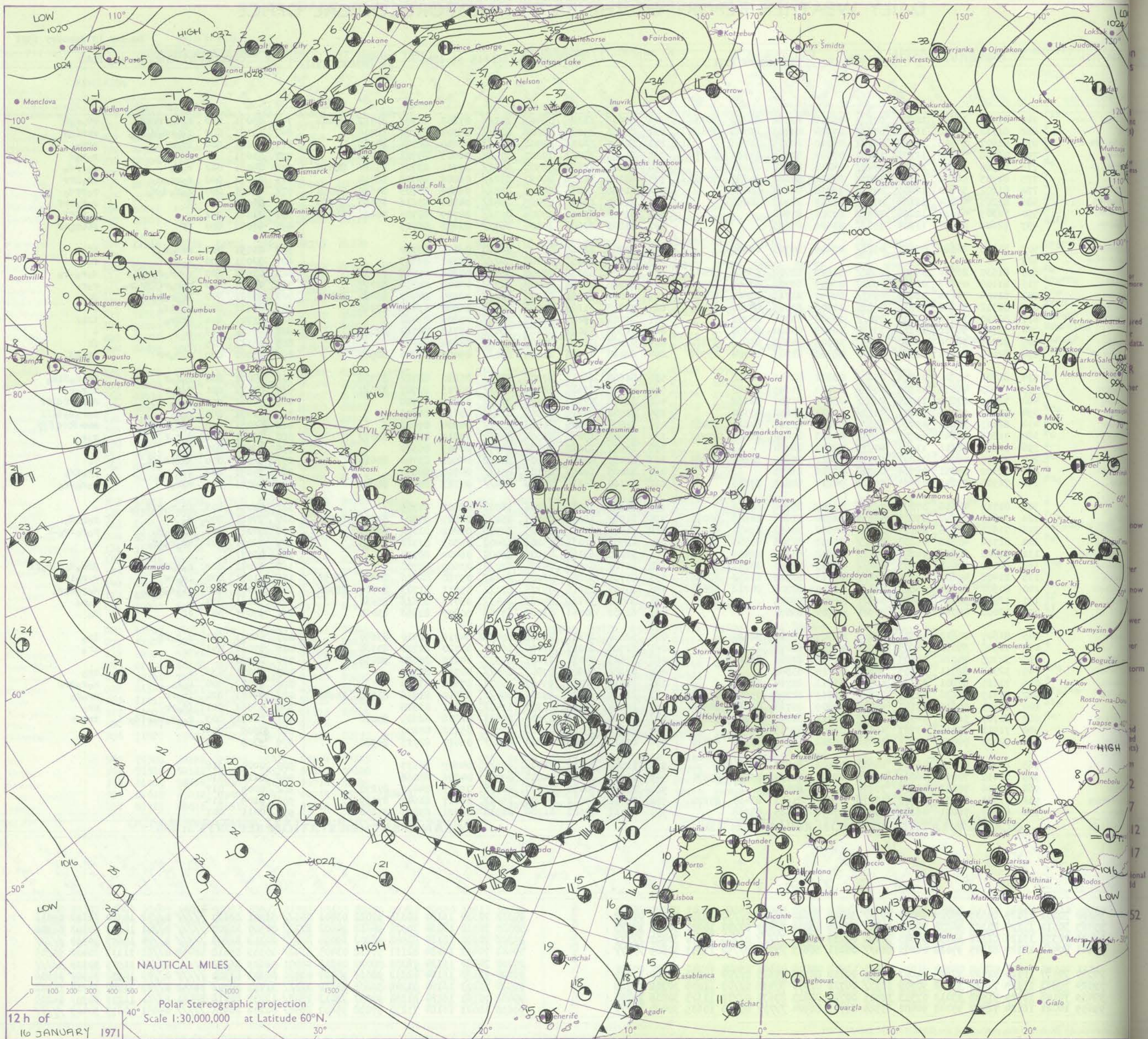
No. 39868

Date of Issue Sunday 17 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		16 January 1971										16 January 1971																			

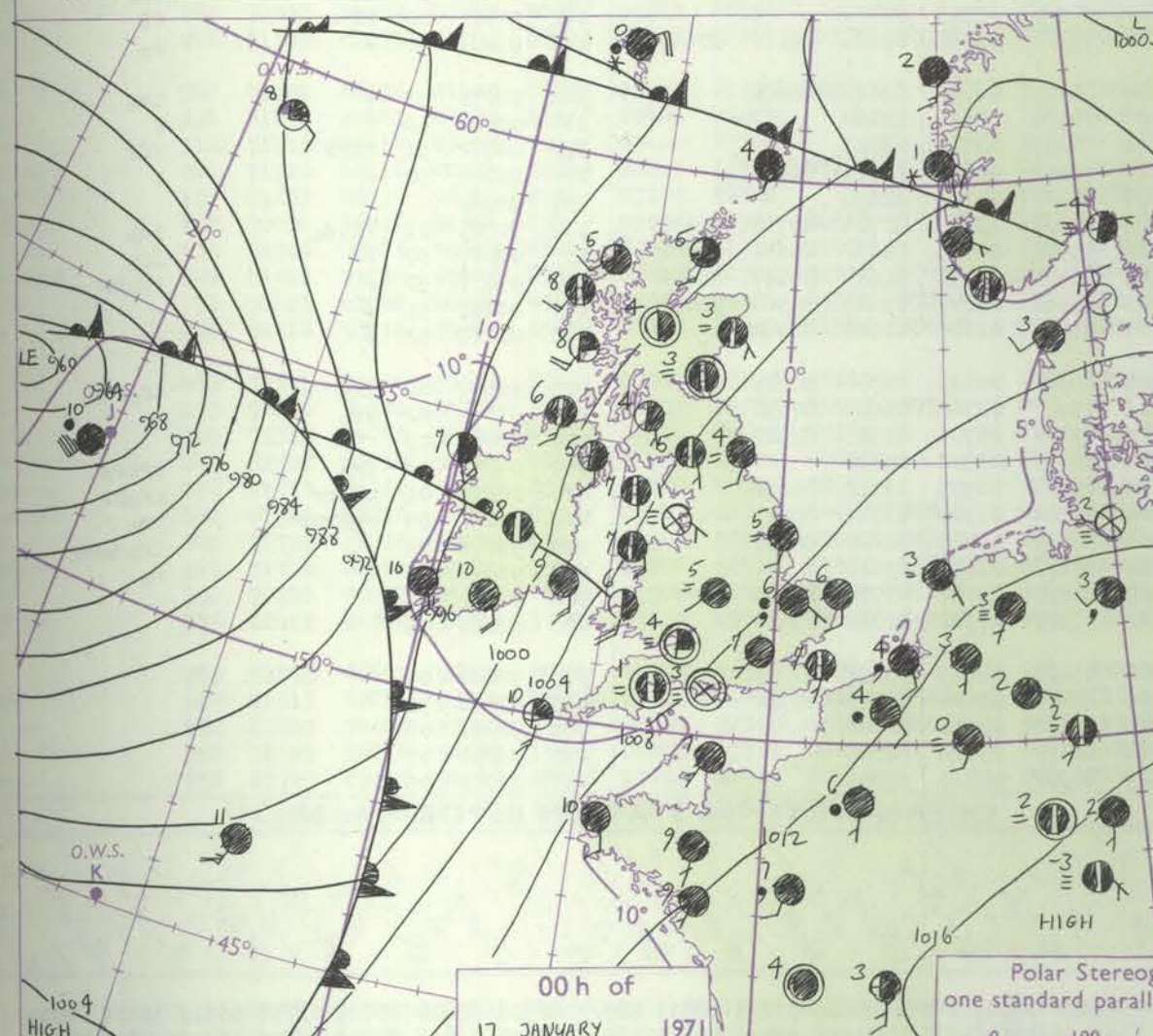
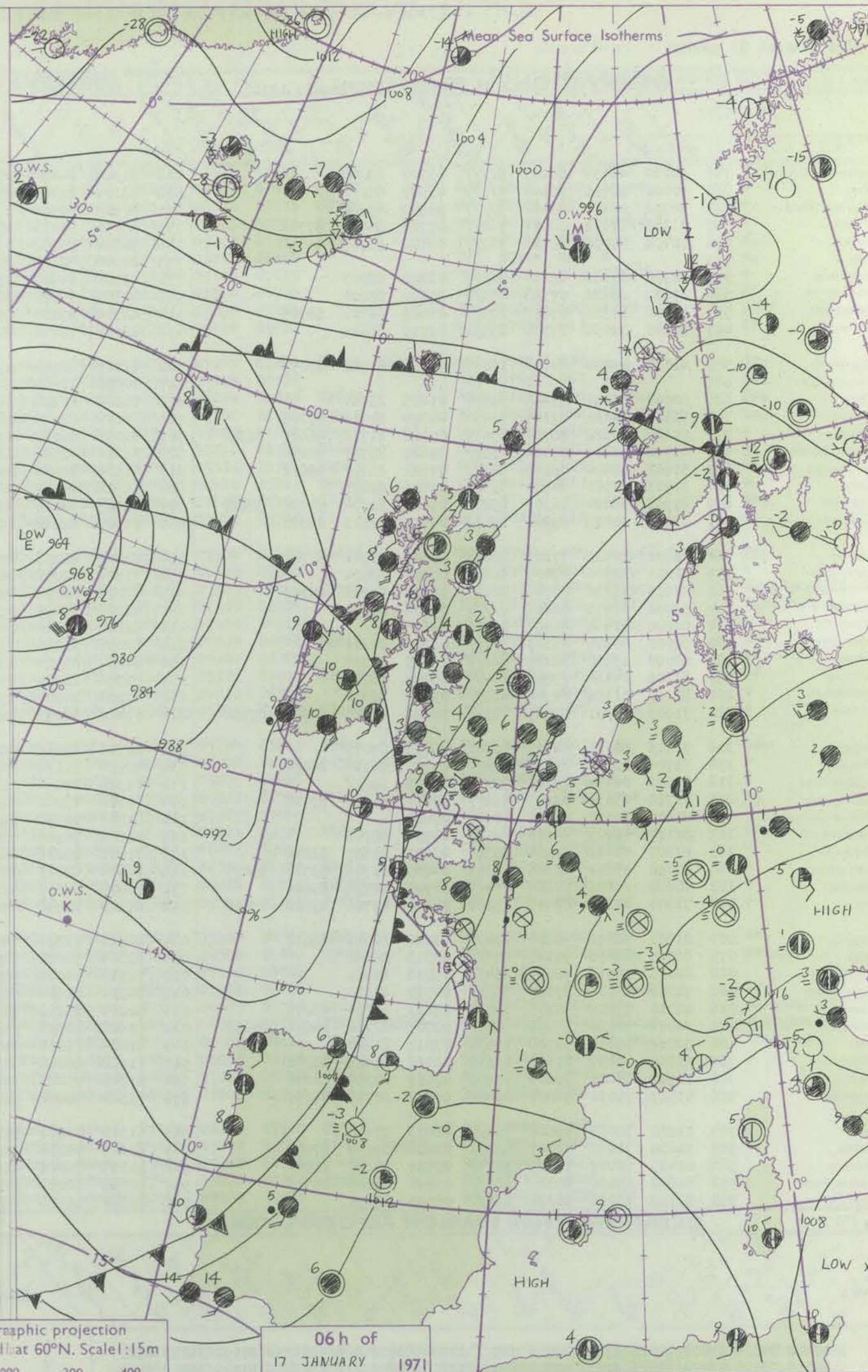
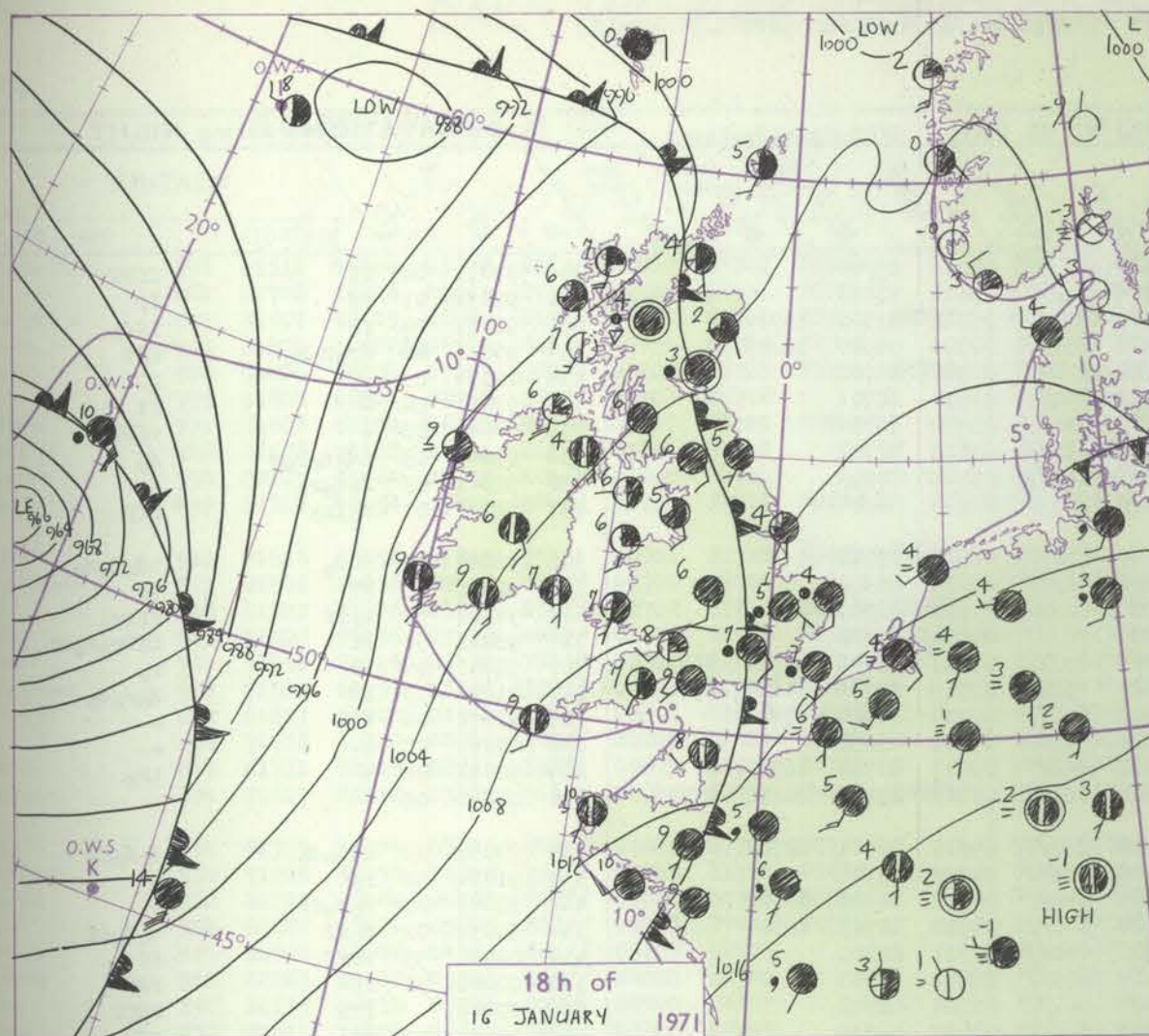


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

The ridge of high pressure from Spain to central Europe gradually weakened. Pressure remained very low to the west of Ireland. A frontal trough moved eastwards across the British Isles. During the next 24 hours pressure will continue

low to the west and a frontal trough now over Ireland will move steadily eastwards across Scotland but is likely to make only slow progress into England.

Issued at midday Sunday 17

January 1971



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

No. 39869

Code FM II.D		OBSERVATIONS at 00h. 17 January 1971										OBSERVATIONS at 06h. 17 January 1971										OBSERVATIONS during NIGHT					Code FM
Station		iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	iii	RR <sub>h</sub> T <sub>h</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station		
																								21h.—03h.	03h.—09h.		
Boscombe Down		746	90000	02454	08203	9////	03704	89/00			746	91308	04474	06004	9////	04716	89/00				746	97011	00	ff	ffff	Boscombe	
Hurn		862	90000	02451	08103	9////	03508	89/00			862	83102	11104	05706	862//	05614	88703				862	97031	01	ff	ff	Hurn	
Thorney Island		871	92702	02472	09006	9////	06802	89/00			871	80905	09504	07105	871//	05712	83702	88707			871	91051	04	ff	ifd <sub>o</sub>	Thorney	
Manston		797	71905	17212	08507	760//	07706	84701	87706		797	62202	50111	07902	15536	02706	81620	86075			797	95021	58	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	fff	Manston	
Gatwick		776	72408	57036	08706	762//	06702	81705	87707		776	80000	15102	07705	860//	05707	88701				776	00051	03	+	ff	Gatwick	
Kew		775									775	80000	40102	07005	860//	05810	88701				775	97051	04	+	ff	Kew	
Heathrow		772	82305	60036	08107	863//	06400	88707			772	81702	14282	07105	860//	05709	88701				772	00041	03	+	ifff	Heathrow	
Honington		586	81605	20586	07506	871//	05610	88701			586	82307	59026	06606	863//	05703	88708				586	95041	03	fd <sub>o</sub> d <sub>o</sub> r <sub>o</sub> r	d <sub>o</sub>	Honington	
Wattisham		590	81806	14586	07805	870//	05609	86701	88705		590	82307	37106	06805	862//	05708	88703				590	91041	03	ffd <sub>o</sub> r <sub>o</sub>	+	Wattisham	
Gorleston		497	81810	32056	07706	855//	05719	88625			497	82105	16054	06406	863//	04704	88706				497	01042	01	r <sub>o</sub> ir <sub>o</sub>	fff	Gorleston	
Aberporth		502	41718	40404	04606	16002	05726	81701	83075		502	81719	62505	01507	874//	06715	88710				502	96041	02	Fid <sub>o</sub>	1d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	Aberporth	
Ross-on-Wye		627									627	90000	01454	04601	9////	01717	89/01				627	92501	53	FF	FF	Ross-on-Wye	
Filton		628	30000	08411	07404	35500	03805	83620			628	81204	23284	04806	862//	05617	88703				628	91501	52	ifff	ffir <sub>o</sub>	Filton	
Rhoose		715	71102	62031	07104	35434	04709	81715	87075		715	91108	02454	04506	9////	06514	89/02				715	93021	51	ff	ffFr <sub>o</sub> r <sub>o</sub> if	Rhoose	
Chivenor		707	81108	60022	06706	65477	05716	81712	86637	88270	707	81006	66022	03208	853//	07717	81708	85714	88630		707	91051	04	+	r <sub>o</sub>	Chivenor	
Mount Batten		827	81712	61216	07010	853//	09622	86707	88634		827	71816	48506	03610	752//	10719	83704	84636	87647		827	01071	03	1R	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub>	Mount Batten	
St. Mawgan		817	81812	58104	06109	851//	09721	83702	88622		817	71915	61026	02310	752//	09714	84704	87650			817	91071	06	ir <sub>o</sub>	+	St. Mawgan	
Scilly		804	31913	64021	04910	35502	09721	82623			804	51914	64011	00810	50930	09719	85358				804	00091	07	+	+	Scilly	
Culdrose		809	81908	58024	06309	852//	09622	81704	84706	88620	809	81909	58036	02410	862//	09617	83704	86706			809	92092	06	+	ir <sub>o</sub>	Culdrose	
Guernsey		894	62011	70015	09208	25432	08713	82616	85361		894	71607	62022	06409	751//	08715	83702	84612	87636		894	00081	08	+	+	Guernsey	
Elmdon		534	82502	26102	07205	860//	05802	83701	88702		534	81807	22105	05604	860//	04610	86701	88702			534	97032	02	1dd <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> d <sub>o</sub> ff	Elmdon	
Cardington		559	82206	28106	07407	862//	07502	88704			559	71906	62032	06505	763//	04708	87706				559	91031	02	r <sub>o</sub>	+	Cardington	
Wittering		462	82805	11286	06706	861//	06707	85702	88703		462	82009	48022	06005	862//	04707	84705	88707			462	91041	03	d <sub>o</sub> r <sub>o</sub> ff	+	Wittering	
Watnall		354	92506	02475	06805	9////	05506	89/01			354	82106	48285	05604	862//	04710	82703	88704			354	91031	02	d <sub>o</sub> ff	d <sub>o</sub> d <sub>o</sub> ff	Watnall	
Shawbury		414	00000	01464	06552	00900	52605				414	81202	02444	04802	860//	01711	88700				414	00521	55	FFff	ff	Shawbury	
Finningley		360	90000	00474	06103	9////	03806	89/01			360	82005	11284	05405	861//	05804	88702				360	00001	51	FFf	FFf	Finningley	
Kilnsea		396	82010	16102	08105	862//	05709	88705			396	80000	02424	06905	861//	05804	88702				396	00041		ff	FFff	Kilnsea	
Leeming		257	81806	04464	05805	864//	05604	88712			257	81906	28284	04703	862//	03400	88704				257	00011	52	ff	ff	Leeming	
Tynemouth		262	82112	11106	04904	863//	03803	88708			262	82005	28104	03602	8092//	02709	88459				262	92021	00	FF	ff	Tynemouth	
Carlisle		222	71603	40042	05005	755//	04801	82620	84625	87630	222	71408	56041	02804	755//	03710	82625	84630	87647		222	91021	51	+	r <sub>o</sub>	Carlisle	
Valley		302	71619	62031	04507	00902	06714	87075			302	81721	69216	01308	854//	06615	82616	88620			302	94051	03	+	ir <sub>o</sub>	Valley	
Ringway		334	81706	20104	06404	854//	04705	86710	88620		334	40000	30114	04603	30932	03811	83360				334	00021	52	f	f	Ringway	
Squires Gate		318	91305	01474	05701	9////	01805	89/00			318	81312	09444	03303	862//	03713	88703				318	00011	51	ffff	FFf	Squires Gate	
Ronaldsway		204	71712	65031	03907	762//	07814	81704	87706		204	71512	75032	01108	754//	06612	85711	86620			204	91061	52	+	+	Ronaldsway	
Mull of Galloway		131	01815	84010	02707	00900	05805				131	81821	74028	99007	856//	05723	88640				131	91061				Mull of Galloway	
Eskdalemuir		162	82107	48105	04105	862//	04704	88705			162	81605	56105	02203	852//	03808	82704	83710	88630		162	91021	01	ffid <sub>o</sub>	1d <sub>o</sub>	Eskdalemuir	
Prestwick		135	41607	70031	03004	35501	03807	81625	83630		135	71711	70211	00106	5563//	04515	83632	85650	87362		135	97021	50	+	ir <sub>o</sub>	Prestwick	
Abbotsinch		140	60000	35102	03104	46302	04809	81706	83710	86075	140	80604	62211	00704	855//	03713	81625	86634	88656		140	95011	52	+	ir <sub>o</sub> ir	Abbotsinch	
Leuchars		171																									



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

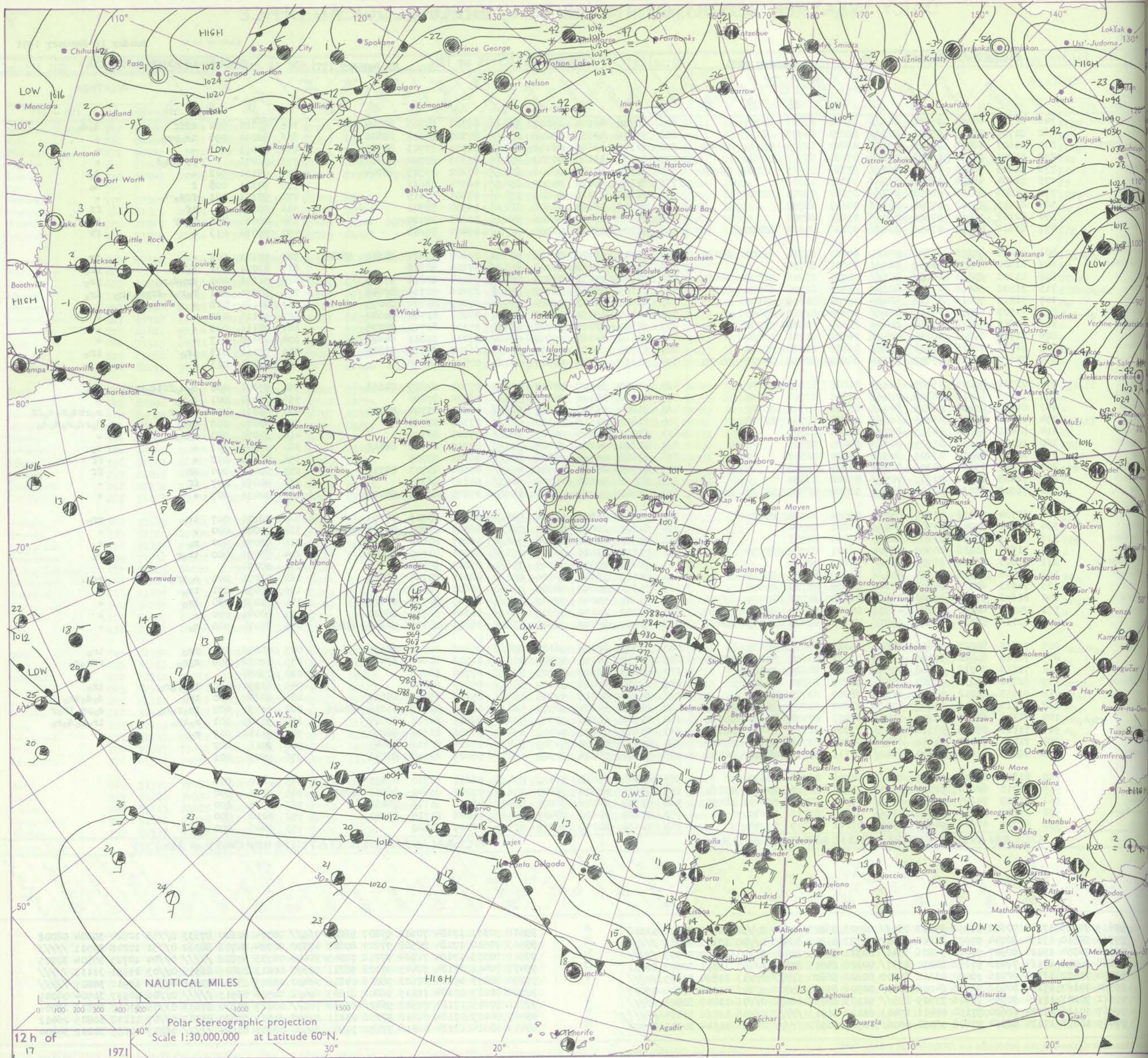
No. 39869

Date of Issue Monday 18 January 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
17 January 1971										17 January 1971																			



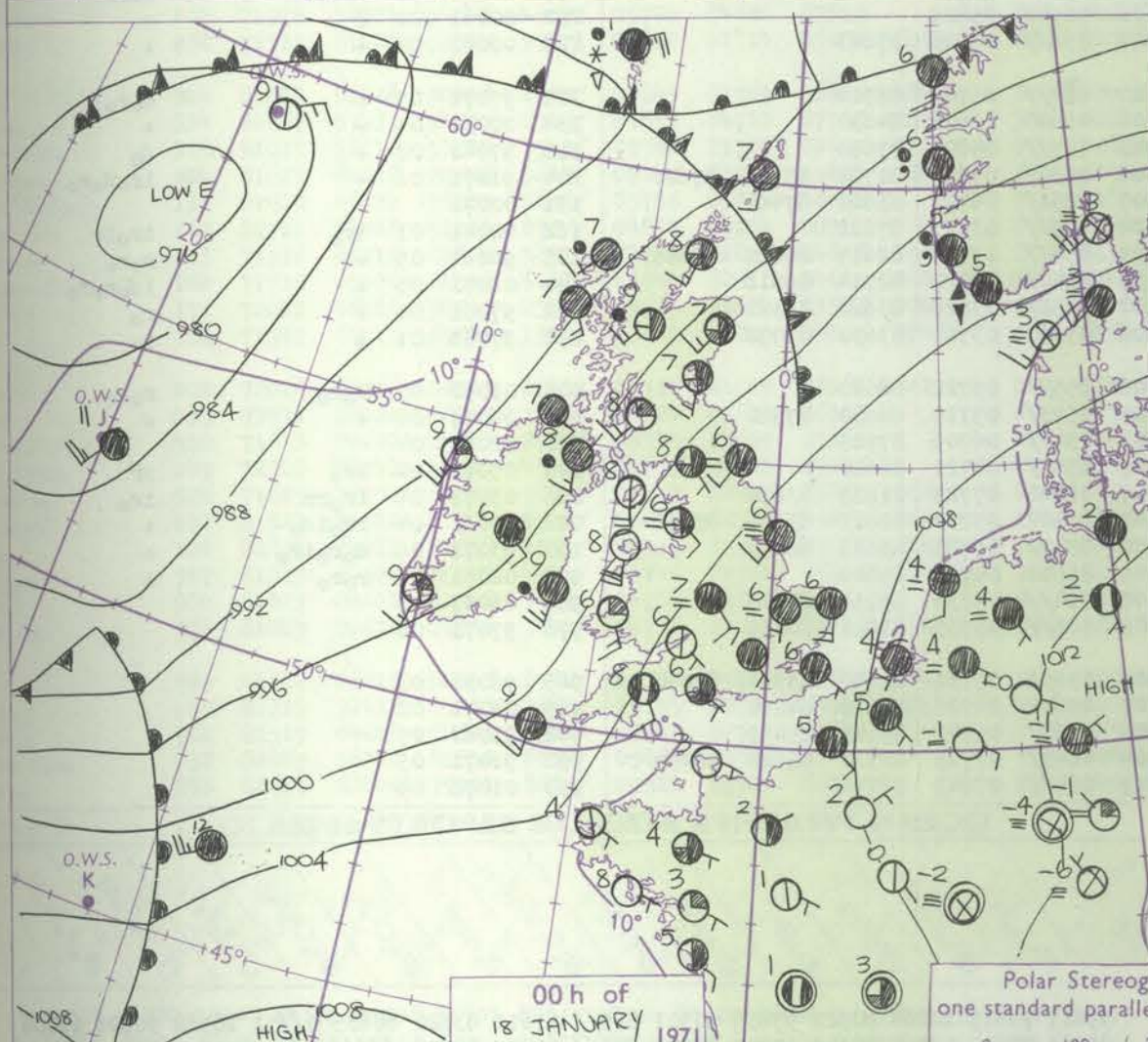
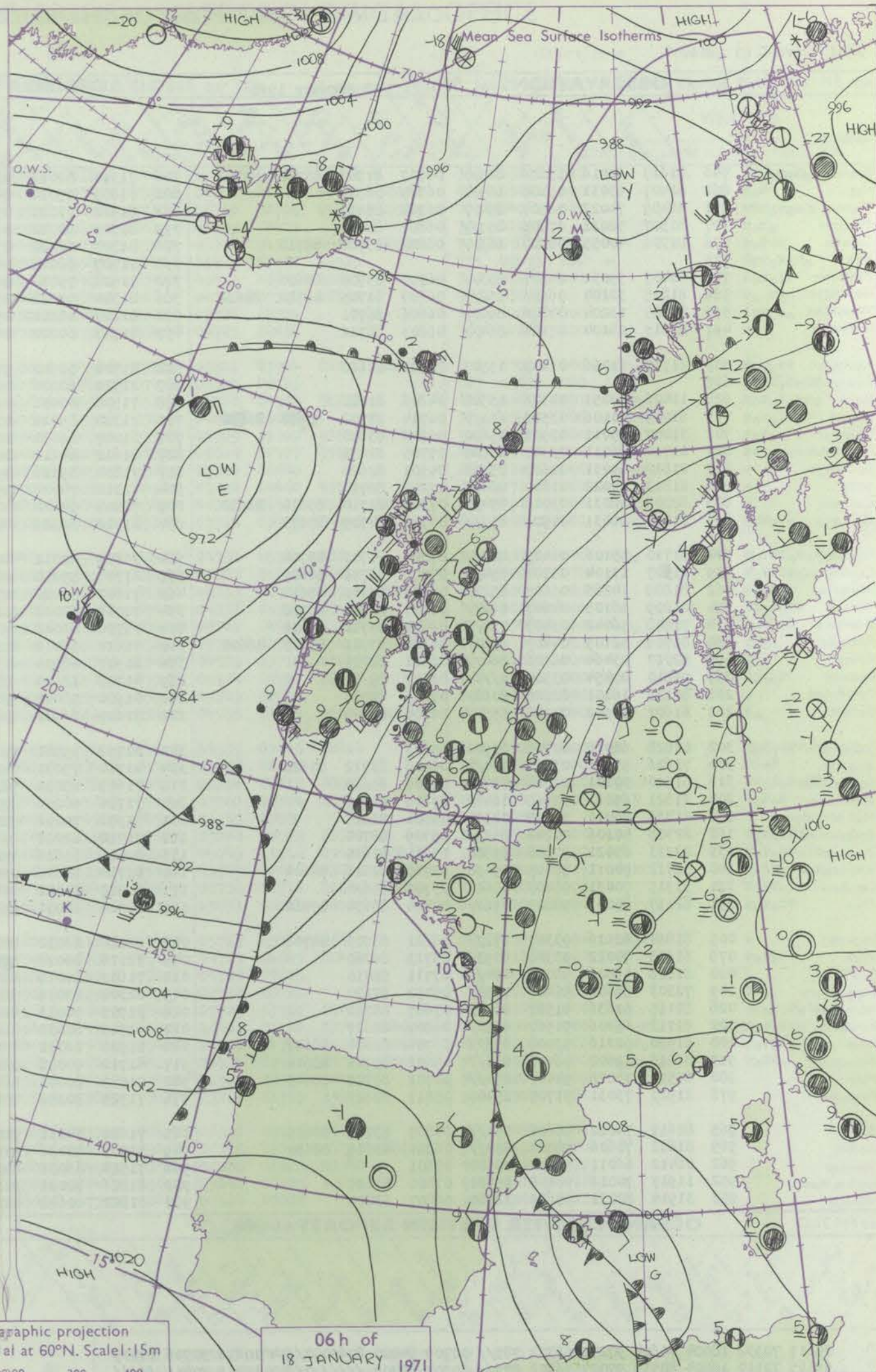
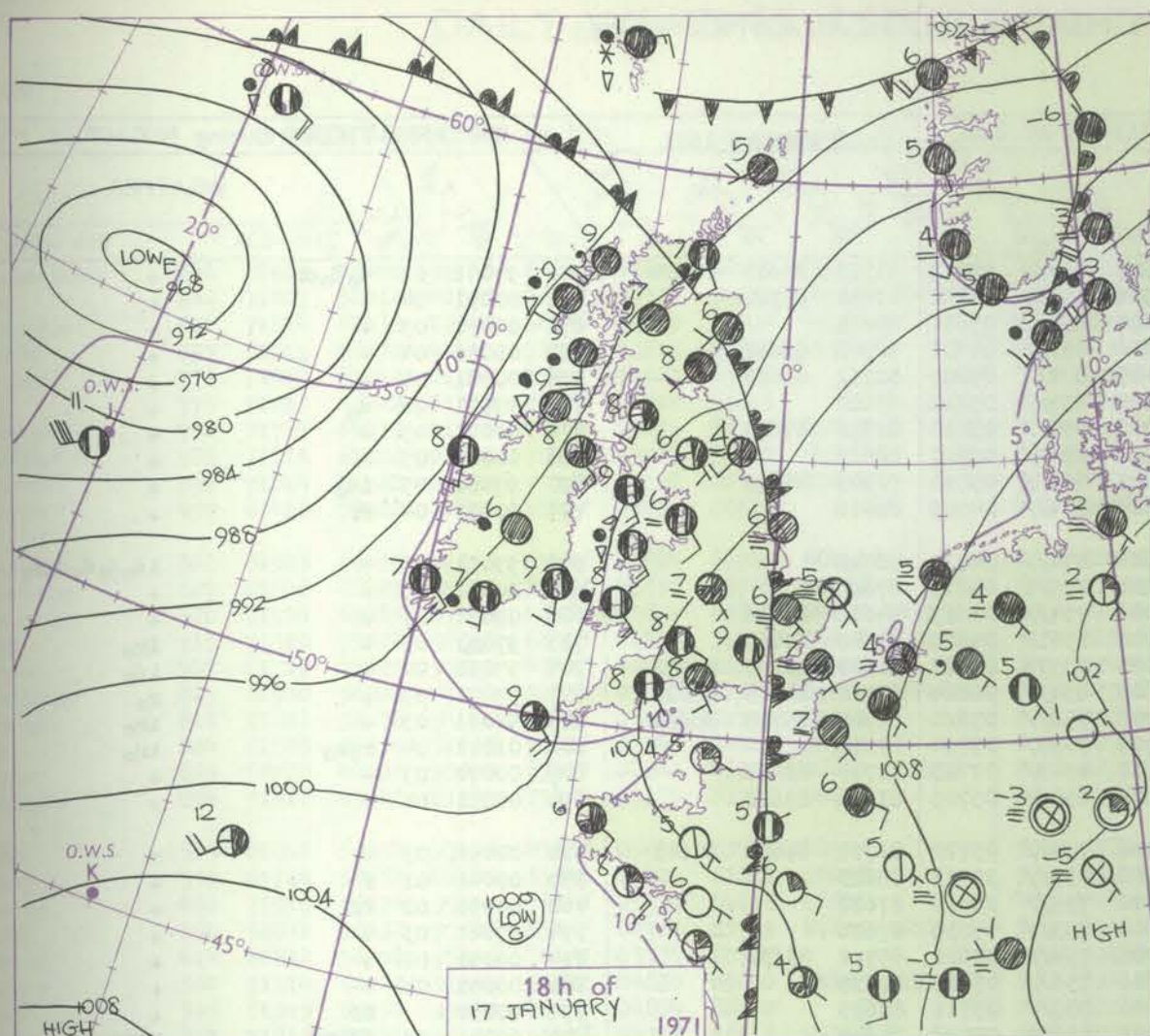
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



12 h of  
17 1971



# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

The ridge of high pressure over central Europe has continued to decline. The deep depression to west of Ireland has moved slowly northeast maintaining a southerly airstream over the British Isles. An intense depression near

Newfoundland has moved slowly northeast while its associated frontal troughs are now approaching southwest Ireland. During the next 24 hours these troughs will move steadily eastwards across the British Isles followed by a westerly airstream.

Issued at midday Monday 18 January 1971



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

No. 39870

OBSERVATIONS at 00h. 18 January 1971										OBSERVATIONS at 06h. 18 January 1971										OBSERVATIONS during NIGHT										Code FM II.D
Station																												Station		
	iii	Nddff	VVwwW	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	Nddff	VVwwW	PPPTT	NChChCh	Td app	8NChCh	8NChCh	8NChCh	iii	RR T n E	Tg	WEATHER								
																						21h.—03h.	03h.—09h.							
Boscombe Down	746	81615	62016	05006	863//	06807	81706	83708	88710	746	71914	62012	03805	754//	04713	81712	83618	86624	746	97041	02	d <sub>o</sub> d <sub>o</sub> dr	+	Boscombe D						
Hurn	862	61407	65031	05106	664//	06709	86710			862	51809	65012	04006	15630	04712	81630	85362		862	00051	04	+	+	Hurn						
Thorney Island	871	81409	74022	06507	854//	06702	88613			871	81912	71022	05207	854//	05810	88615			871	00051	03	+	+	Thorney Isl						
Manston	797	81507	58022	07806	855//	06801	88620			797	81709	62022	06706	853//	04706	82708	88612		797	00051	04	+	+	Manston						
Gatwick	776	81706	40055	06707	863//	06804	85708	88710		776	81707	62022	05407	854//	05809	82712	88620		776	00061	04	+	+	Gatwick						
Kew	775									775	71707	66022	04607	755//	05812	87620			775	97071	06	d <sub>o</sub>	+	Kew						
Heathrow	772	81407	59031	06107	853//	06705	85709	88630		772	71508	75012	04707	754//	05810	81715	87625		772	00071	05	+	+	Heathrow						
Honington	586	81805	32104	06906	852//	06803	81705	86710	88614	586	81510	58012	05506	854//	05707	88617			586	00061	05	+	+	Honington						
Wattisham	590	81605	13204	07006	860//	06806	88701			590	81607	48102	05605	852//	05710	82703	88613		590	97051	05	1d <sub>o</sub>	+	Wattisham						
Gorleston	497	81813	28104	07106	864//	06803	88712			497	81717	60022	06206	854//	04709	88618			497	00051	04	ff	+	Gorleston						
Aberporth	502	21717	61056	01406	15501	03502	81620			502	81721	58501	97606	874//	04720	88712			502	93051	03	+	+	1d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	Aberporth					
Ross-on-Wye	627									627	81510	60022	00906	755/1	04715	87625			627	00051	03	+	+	+	Ross-on-Wy					
Filton	628	11406	40051	04306	15500	04806	81620			628	71508	40051	02206	754//	03619	84618	87636		628	00051	01	+	+	+	Filton					
Rhoose	715	61009	40106	03506	651//	06714	83702	84712	85610	715	71310	65021	01006	3561/	04823	83640	87465		715	97041	03	+	+	1r <sub>o</sub>	Rhoose					
Chivenor	707	31007	59011	02906	35600	05707	83630			707	61007	66031	00005	28576	04823	81820	83360	86072	707	97051	02	+	+	1d <sub>o</sub>	Chivenor					
Mount Batten	827	21710	66011	03307	25600	05705	82635			827	81611	64211	00608	854//	08824	82710	84615	88625	827	97071	03	+	+	r <sub>o</sub>	Mount Batt					
St. Mawgan	817	21810	69031	02607	25500	04501	82624			817	71812	59216	99708	752//	07820	82705	85708	86624	817	92051	03	+	+	1r <sub>o</sub>	St. Mawgan					
Scilly	804	81813	64022	01809	864//	07207	88710			804	72112	74026	99709	7097/	05714	87358			804	01071	04	r <sub>o</sub> r <sub>o</sub>	+	1r <sub>o</sub>	Scilly					
Culdrose	809	82008	68031	03008	854//	07303	81710	85614	88620	809	72405	64022	00607	4543/	07715	81710	83628		809	00070	03	+	+	+	Culdrose					
Guernsey	894	81614	66031	04906	853//	05702	84709	87613		894	61712	60022	04606	653//	05705	83706	85611		894	00051	04	+	+	+	Guernsey					
Elmdon	534	81710	35106	04407	862//	07807	84703	88704		534	71809	60012	02406	754//	05722	82711	84628	87643	534	00051	03	+	+	+	Elmdon					
Cardington	559	81507	17104	05707	854//	07709	83715	88629		559	81707	59052	04006	855//	05715	88623			559	00061	01	f	+	+	Cardington					
Wittering	462	81609	14285	05607	852//	06807	84703	88614		462	71807	37022	03706	755//	05816	87622			462	00051	02	ff	+	+	Wittering					
Watnall	354	81809	56105	04607	862//	06807	82705	88708		354	72011	62022	02306	755//	05819	87626			354	97061	03	+	+	+	Watnall					
Shawbury	414	71808	56042	03407	754//	06805	85711	84634		414	71706	62042	00706	754//	04621	85712	83634		414	00051	02	+	+	+	Shawbury					
Finningley	360	81706	32105	04407	854//	06801	83711	85713	88620	360	71811	56012	01806	756//	05819	87635			360	00051	04	+	+	+	Finningley					
Kilnsea	396	82017	03464	06206	860//	06601	88701			396	81917	48034	05406	855//	05711	88625			396	00050		ff	+	+	Kilnsea					
Leeming	257	91810	00454	03306	9//	06507	89700			257	41715	18104	99906	45630	05726	84640			257	00051	52	ffFFf		FFff	Leeming					
Tynemouth	262	82112	16101	02206	8062/	05605	88545			262	01921	58021	98606	00900	05829				262	00061	02	+	+	+	Tynemouth					
Carlisle	222	61607	50042	00708	656//	06709	86640			222	71607	66031	96607	756//	03829	87643			222	00061	02	+	+	+	Carlisle					
Valley	302	01828	66018	00708	00900	05603				302	81732	59581	96607	874//	05727	88714			302	97071	05	+	+	d <sub>o</sub> r <sub>o</sub>	Valley					
Ringway	334	71606	57011	03408	754//	06606	83712	87620		334	41710	75031	00406	45600	03625	84630			334	00051	04	+	+	+	Ringway					
Squires Gate	318	51510	30101	02506	55700	05506	85650			318	71615	65031	98405	757//	04829	87650			318	97041	02	+	+	d <sub>o</sub>	Squires Gat					
Ronaldsway	204	11821	65011	99608	16400	07809	81715			204	71726	60206	95508	753//	07628	81708	83711	87620	204	91071	06	+	+	1r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	Ronaldsway					
Mull of Galloway	131	11833	80010	97408	12500	06501	81825			131	71932	74012	92707	3251/	06721	83820	87460		131	00071					Mull of Gal					
Eskdalemuir	162	82308	40106	00206	862//	05709	88704			162	71710	62212	96204	755//	03727	87622			162	02041	01	1r <sub>o</sub>		1r <sub>o</sub> 1r	Eskdalemuir					
Prestwick	135	22213	65021	97808	25500	05611	82620			135	82012	65616	93407	854//	05727	82615	84620	88645	135	96061	05	+	+	r <sub>o</sub> r <sub>o</sub>	Prestwick					
Abbotsinch	140	51712	70011	98009	55430	05710	82618	84624		140	81710	58616	93207	854//	05727	82714	88616		140	02071	05	+	+	1d <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	Abbotsinc					
Leuchars	171	51915	70031	98807	55600	05707	85630			171	61911	74021	94307	3553/	03828	83626	86362		171	97051	00	+	+	+	Leuchars					
Dyce	091	62117	60031	98007	3562/	04804	83634	85462		091	41924	65031	93306	35601	03727	83630	83070		091	97051										



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

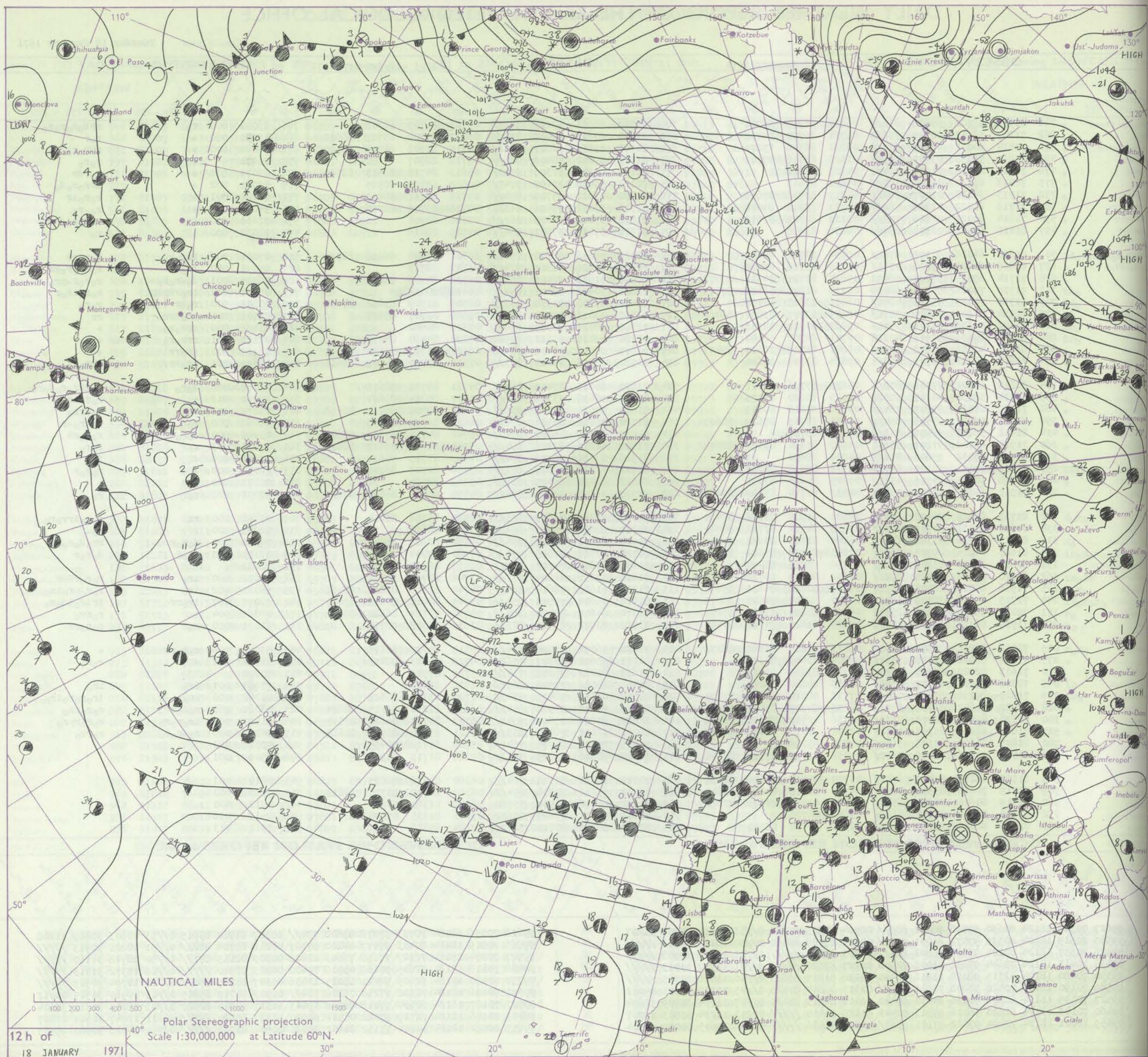
No. 39870

Date of Issue Tuesday 19 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		18 January 1971										18 January 1971																			

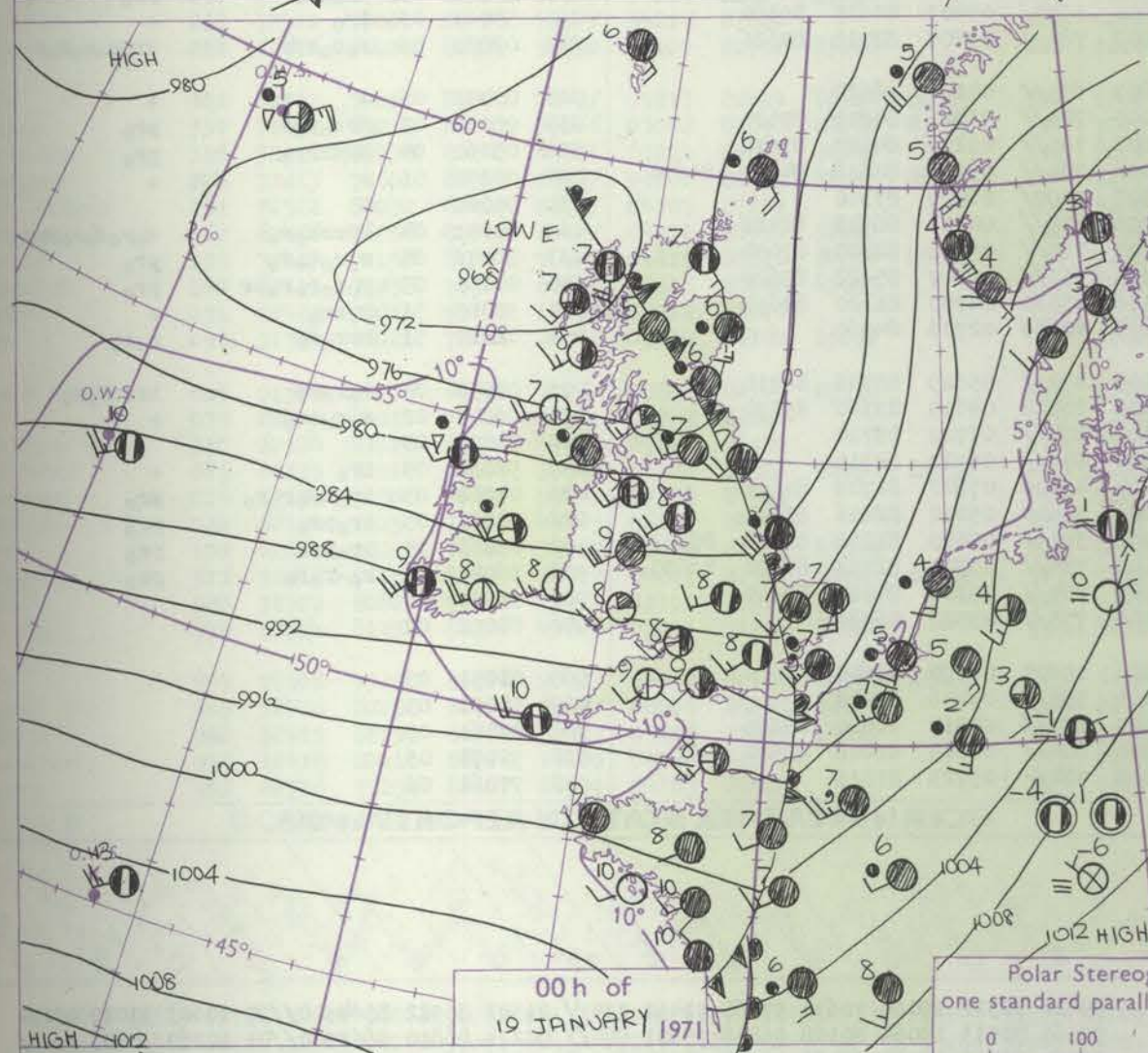
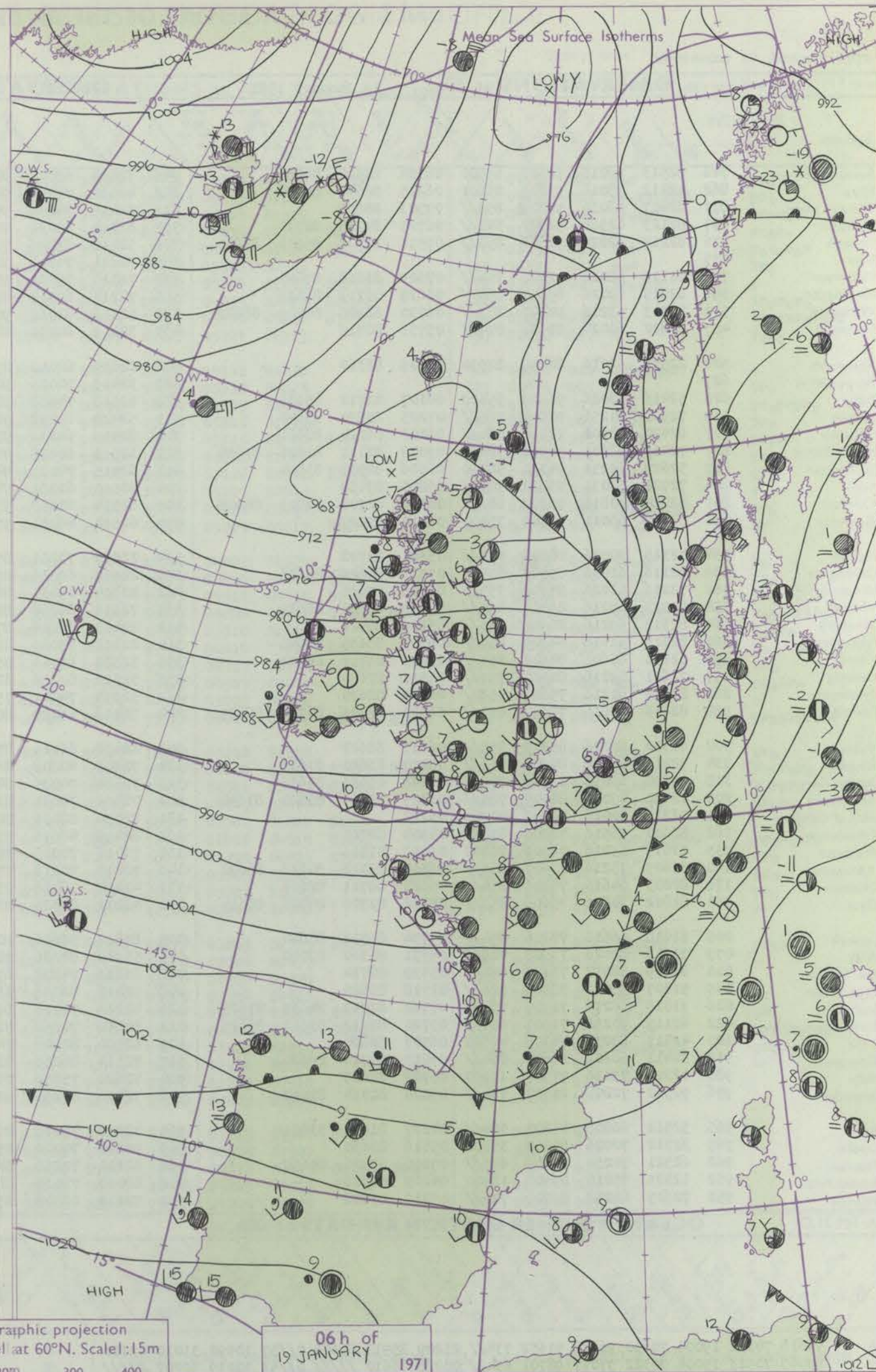
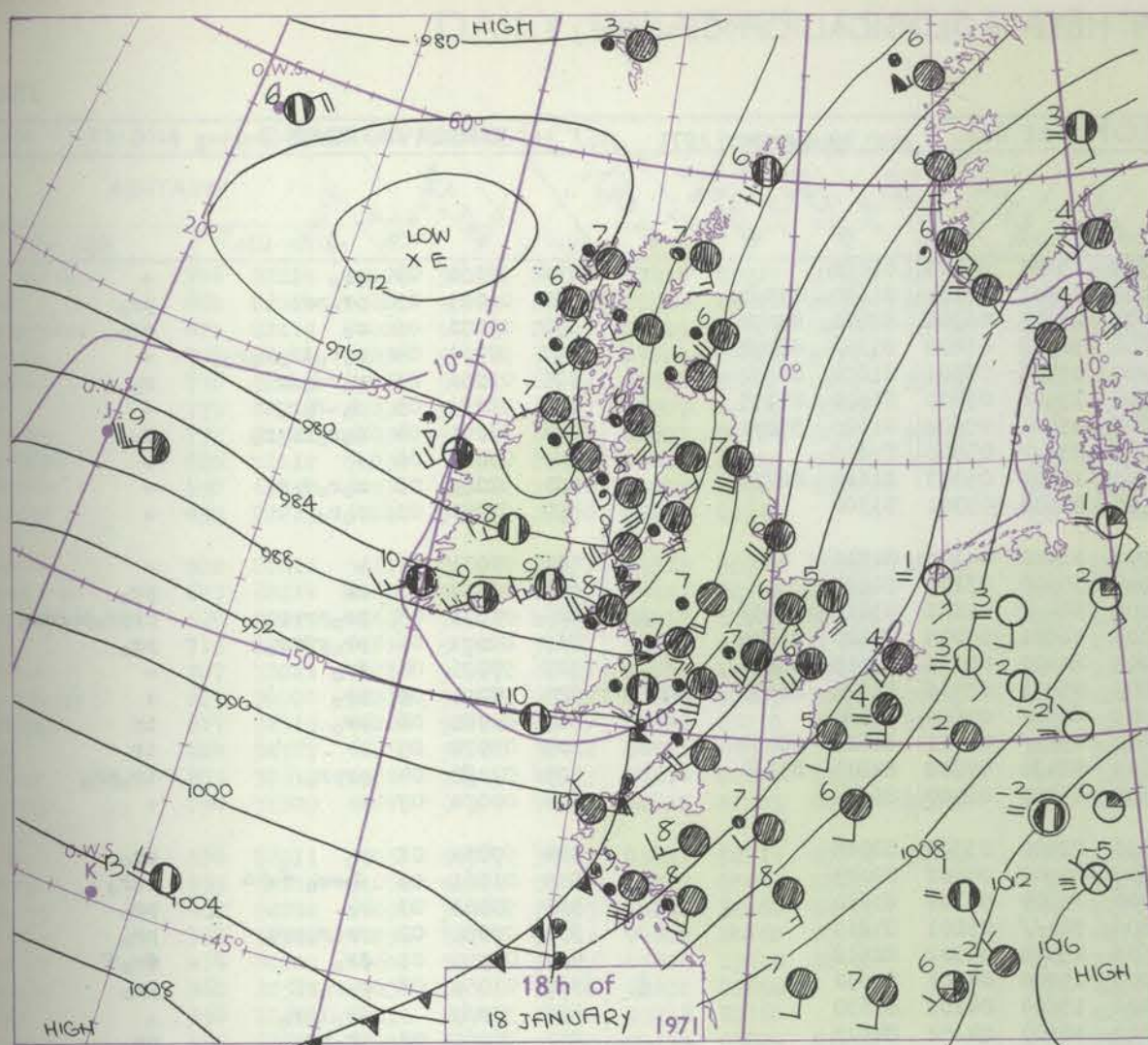


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

## GENERAL SYNOPSIS DEVELOPMENT

The depression to the northwest of Scotland is moving slowly northeast, with a marked trough persisting westsouthwestwards from the centre towards a filling depression south of Greenland. The frontal system which yesterday was approaching southwestern Britain moved quickly east and is now moving away

northeast over the North Sea. A westerly airstream is now established over the British Isles, with minor troughs expected to move quickly eastwards from time to time in the general flow.

Issued at midday Tuesday 19 January 1971



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

No. 39871

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code FM I
		19 January 1971										19 January 1971																				
Station		ill	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	ill	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	ill	RT <sub>n</sub> T <sub>e</sub>	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station							
																								21h.—03h.	03h.—09h.							
Boscombe Down		746	62513	66016	92307	65500	06304	82620	86630		746	12814	69018	92907	15601	04103	81630			746	97061	04	pr <sub>o</sub>	+		Boscombe						
Hurn		862	42412	75016	93809	25601	06215	82640	84070		862	42510	75258	94008	15631	06204	81630	83360		862	01071	05	pr <sub>o</sub> pr	pr <sub>o</sub>		Hurn						
Thorney Island		871	82417	66036	93509	856//	07503	88639			871	32415	74258	94208	25601	06302	82640	83070		871	01071	05	r <sub>o</sub>	pr <sub>o</sub>		Thorney						
Manston		797	82123	62586	92907	873//	06725	84708	88710		797	82314	69036	92608	50977	06604	85362	88272		797	92061	04	r <sub>o</sub> r <sub>o</sub> ir <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	+		Manston						
Gatwick		776	82212	62026	92808	853//	07511	81707	85616	88650	776	52410	65036	93407	15706	06301	81650	85272		776	01051	03	r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> dr	r <sub>o</sub>		Gatwick						
Kew		775									775	72211	74012	92008	15508	05400	81620	87275		775	92071	05	d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub>	+		Kew						
Heathrow		772	72113	68016	91408	754//	07609	81618	87640		772	72315	75036	91808	15506	05602	81625	87275		772	93061	04	r <sub>o</sub> r <sub>o</sub> Rd <sub>o</sub> r <sub>o</sub>	r <sub>o</sub>		Heathrow						
Honington		586	82015	62026	89607	854//	06625	83713	88618		586	72214	69012	89507	756//	05503	87645			586	00061	04	+	+		Honington						
Wattisham		590	82013	58216	90207	853//	06730	82706	86709	88625	590	62313	62012	90307	15401	05703	81614	86072		590	92051	03	r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	+		Wattisham						
Gorleston		497	81822	60026	89607	874//	05738	88715			497	32019	60031	88908	30930	05301	83360			497	97041	03	r <sub>o</sub> r <sub>o</sub>	+		Gorleston						
Aberporth		502	22519	62016	88408	20930	06005	82360			502	12617	62010	89707	11400	04108	81816			502	00071	04	+	+		Aberporth						
Ross-on-Wye		627									627	32415	70026	90307	38500	03103	82825			627	03071	03	rR	pr <sub>o</sub>		Ross-on-Wye						
Filton		628	52416	66026	90908	55400	06107	81712	85635		628	62518	74038	91707	684//	05106	83818	85636		628	01061	05	pr <sub>o</sub> prpr <sub>o</sub>	pr <sub>o</sub> prprpr <sub>o</sub>		Filton						
Rhoose		715	72520	64256	90709	785//	07205	83820	85640		715	52422	65258	91508	58501	05005	82820	83645		715	02071	06	pr <sub>o</sub> prpr <sub>o</sub>	pr <sub>o</sub>		Rhoose						
Chivenor		707	82420	58606	92210	884//	08105	86814	88624		707	82415	64036	93009	21407	07801	82815	88270		707	97091	06	ir <sub>o</sub>	+		Chivenor						
Mount Batten		827	72419	62801	94510	784//	09008	82712	83826	87650	827	62511	66018	94809	45501	07706	82620	83650	86072	827	97091	06	pr <sub>o</sub>	+		Mount Batten						
St. Mawgan		817	52627	69251	94310	58300	08106	82707	83814		817	62415	74031	94209	6097/	07808	86360			817	01081	06	pr <sub>o</sub>	ir		St. Mawgan						
Scilly		804	72721	59031	95410	7091/	09205	87458			804	82515	61031	94810	4551/	08711	84625	88458		804	05072	07	+	ir		Scilly						
Culdrose		809	82724	40818	95309	883//	08109	82708	84815	88628	809	62514	60058	95109	48430	07808	83815	85360		809	02082	04	prpr <sub>o</sub>	ir <sub>o</sub> pr <sub>o</sub>		Culdrose						
Guernsey		894	32517	63011	97709	35500	08110	83627			894	62514	66031	97609	65500	08000	86625			894	00091	07	+	+		Guernsey						
Elmdon		534	72315	70026	88108	755//	05301	87728			534	22513	75251	89006	22400	03305	82815			534	97051	02	r <sub>o</sub>	pr <sub>o</sub>		Elmdon						
Cardington		559	82116	61036	89509	855//	07513	83626	88638		559	22317	62036	89607	00902	05802	82075			559	01061	04	d <sub>o</sub> pr <sub>o</sub> r <sub>o</sub> fo	rRr <sub>o</sub>		Cardington						
Wittering		462	72216	61026	87908	755//	06513	87625			462	32314	69031	88406	35600	04302	83630			462	93061	03	r <sub>o</sub>	pr <sub>o</sub>		Wittering						
Watnall		354	82317	69216	86008	854//	06500	82710	88639		354	72313	66258	86806	724//	05101	87817			354	02051	02	rrir <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub>		Watnall						
Shawbury		414	82312	69216	86908	855//	05219	88628			414	22415	66216	87606	25400	04302	82618			414	01051	02	r <sub>o</sub> r <sub>o</sub>	ir <sub>o</sub> r		Shawbury						
Finningley		360	82315	62616	84309	856//	06507	85635	88648		360	22312	74036	85307	25700	04501	82650			360	01051	03	r <sub>o</sub> r <sub>o</sub> rR	pr <sub>o</sub>		Finningley						
Kilnsea		396	82130	66606	84607	854//	05633	86717	88624		396	12524	66016	85406	15600	04102	81630			396	93061		ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	+		Kilnsea						
Leeming		257	72621	82016	80308	757//	05511	87650			257	52516	82258	82307	58500	04102	84623			257	92061	03	ir <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub>		Leeming						
Tynemouth		262	82318	61216	77607	856//	06625	88630			262	52515	74021	79608	2557/	05803	82625	85360		262	94061	03	ir <sub>o</sub>	+		Tynemouth						
Carlisle		222	82616	59616	79507	853//	06324	81706	86712	88625	222	72416	66028	80807	784//	05304	82712	87626		222	02061	05	r <sub>o</sub> r <sub>o</sub> rdr	drpr <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r		Carlisle						
Valley		302	82330	66026	85209	855//	06117	88622			302	62433	66011	85807	655//	04104	86622			302	00071	05	+	+		Valley						
Ringway		334	72216	68216	84908	755//	05217	83620	87635		334	72209	80808	86007	784//	03302	84817	87635		334	05061	05	Rrd <sub>o</sub> r <sub>o</sub> r	pr <sub>o</sub>		Ringway						
Squires Gate		318	72520	65036	83708	755//	06248	85623	87638		318	72520	70036	84607	785//	05203	84823	87636		318	03061	04	DRdrrr <sub>o</sub>	pr <sub>o</sub>		Squires Gate						
Ronaldsway		204	72420	75026	82509	784//	07225	83715	83820	87640	204	72523	75031	83008	784//	05302	82818	84630	86650	204	00071	05	+	+		Ronaldsway						
Mull of Galloway		131	02318	80016	79807	00900	05222				131	72530	82031	80307	7097/	06006	87360			131	91061		d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> RRr <sub>o</sub>			Mull of Galloway						
Eskdalemuir		162	82610	56516	78306	874//	04304	88710			162	82418	48616	79305	873//	04303	86708	88712		162	04041	04	DRrrd <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> RRr <sub>o</sub>		Eskdalemuir						
Prestwick		135	22615	65216																												



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

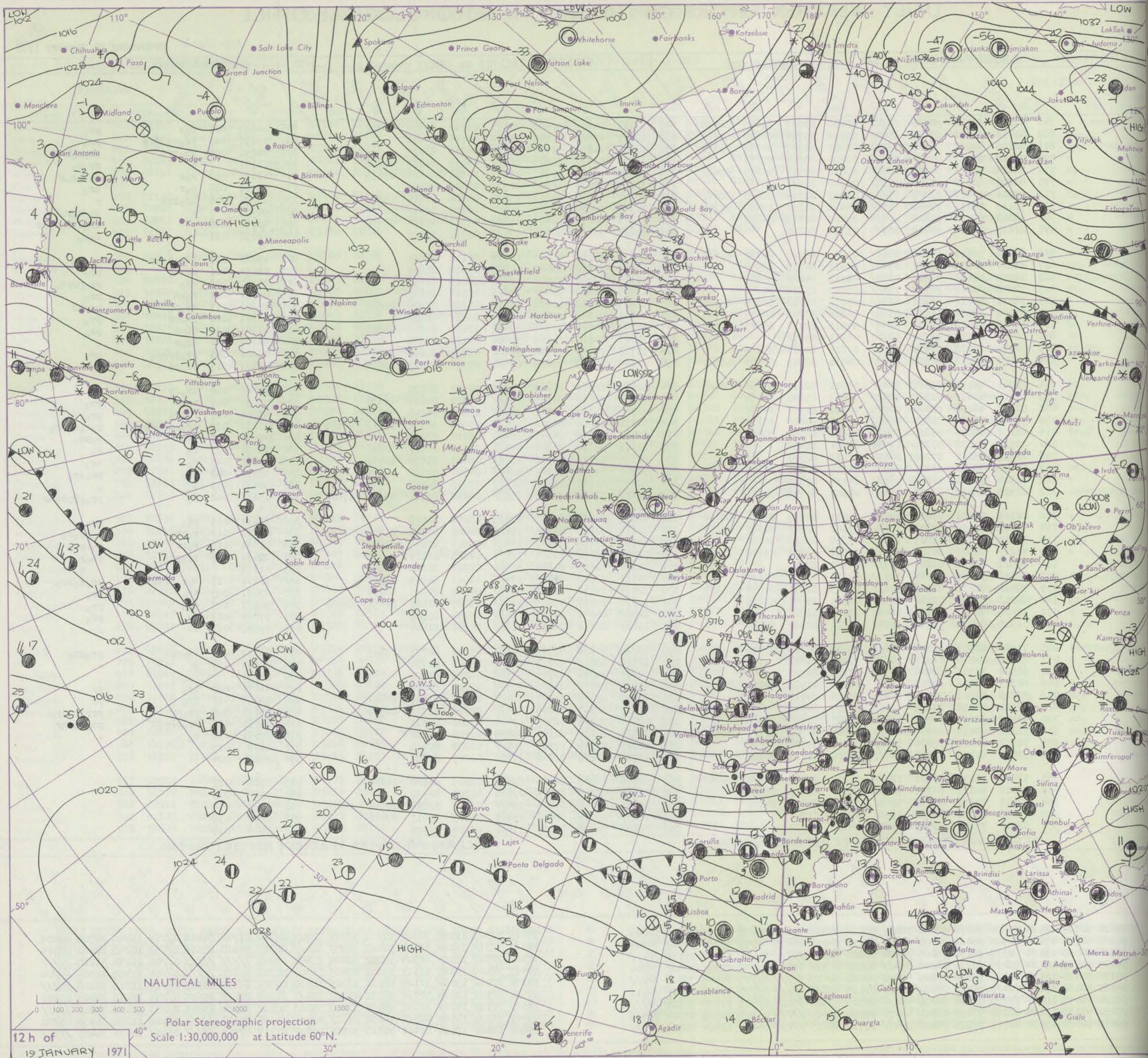
No. 39871

Date of Issue Wednesday 20 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		19 January 1971										19 January 1971														
Station		iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT T E	SSS	WEATHER			
																						09h.—15h.		15h.—21h.		
pr <sub>o</sub>	Boscombe Down	746	82214	59021	92008	6632/	07819	85707	83625	88458	746	52512	74016	90606	35471	05314	83618	83362		746	04081	001	r <sub>o</sub> r		pr <sub>o</sub>	
	Hurn	862	82014	50601	93409	6542/	08818	85710	86620	88462	862	12512	65026	91407	19400	04216	81918			862	09091	003	ir <sub>o</sub> rrrRrr		pr <sub>o</sub>	
	Thorney Island	871	82115	40021	94309	27337	08815	82707	84360	88270	871	12312	66256	91707	19400	06218	81914			871	04091	000	pr <sub>o</sub> rrR		rrpr <sub>o</sub>	
	Manston	797	72114	62032	94710	52436	07000	85814	87275		797	81923	58612	88908	8547/	07834	84710	88618		797	01101		+		rr <sub>o</sub> r <sub>o</sub>	
	Gatwick	776	82214	59031	94309	6241/	07810	83712	86815	88463	776	32411	62016	90305	1557/	04501	81620	83459		776	03091	002	r <sub>o</sub> r		r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> r	
	Kew	775	82010	61032	93009	6552/	06809	86626	88462		775	32309	62016	89306	20932	05505	82363			775	06101	008	r <sub>o</sub> r		rr <sub>o</sub>	
	Heathrow	772	81911	63031	93209	6542/	06807	81714	86620	88460	772	62211	65016	89606	25432	05504	81618	85075		772	03091	004	ir <sub>o</sub> irR		r	
	Honington	586	72112	74031	91408	11516	04003	81820	83465	87270	586	81913	62606	88206	8547/	04715	82612	88625		586	94091		+		ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	
	Wattisham	590	62318	60031	92308	26436	05003	82715	86275		590	71809	60216	88405	7557/	05721	85620	87650		590	03082	026	+		ir <sub>o</sub> irrr <sub>o</sub> r <sub>o</sub> rr	
	Gorleston	497	22215	60010	91709	20970	03214	82360			497	81822	57616	88507	8747/	05721	88715			497	02092	037	+		r <sub>o</sub> r <sub>o</sub>	
pr <sub>o</sub>	Aberporth	502	81816	56611	87506	8537/	05818	82707	85710	88620	502	22513	80016	88206	12530	04112	81820			502	05081	015	1Rr <sub>o</sub> r <sub>o</sub> ir		+	
	Ross-on-Wye	627	82214	60636	90007	6742/	04613	86712	88550		627	52410	77028	89007	54500	03318	85625			627	01091	001	rr		pr <sub>o</sub>	
	Filton	628	82115	48628	91507	4552/	04712	84620	88535		628	12315	62028	90006	18400	04315	81710			628	05091	003	rr <sub>o</sub>		pr <sub>o</sub> prpr <sub>o</sub>	
	Rhoose	715	72007	65616	90706	7547/	05817	85616	87656		715	12615	64028	90207	19400	05316	81915			715	05091	001	r <sub>o</sub> rR		pr <sub>o</sub>	
	Chivenor	707	72011	74216	91007	6842/	05816	81710	86618	87459	707	72615	74028	91208	69530	05216	81920	83825		707	04101	011	rr <sub>o</sub> pr		prphr	
	Mount Batten	827	70000	58218	91907	6537/	06825	83709	86618	87460	827	22615	64258	93408	24500	05321	81820			827	05101	022	pRrpr		pr <sub>o</sub>	
	St. Mawgan	817	72516	66026	92008	6847/	07515	83710	85645	87460	817	32723	74028	93108	39400	03116	81912	83822		817	07101	023	RRpr		pr <sub>o</sub>	
	Scilly	804	52727	66258	92310	53402	06711	85918			804	32723	74020	94109	38400	05216	82818			804	94101	050	lrpr		+	
	Culdrose	809	72615	69028	92409	4837/	07614	82707	83818		809	32718	76258	93908	39400	03220	82916			809	06100	034	pr <sub>o</sub> prpr <sub>o</sub>		pr <sub>o</sub>	
	Guernsey	894	71820	63216	94909	7827/	08831	82705	86710	86640	894	62828	60808	95608	69473	05314	85815	83916		894	02101	017	ir <sub>o</sub> pr		pr	
or	Elmdon	534	82011	59031	89507	3841/	05811	82815	83650	88460	534	12413	62016	87106	18500	04502	81820			534	91081	010	ir <sub>o</sub> ir		r <sub>o</sub>	
	Cardington	559	82116	61051	91308	5562/	06803	85640	88458		559	72110	74036	88105	7547/	05610	84616	87630		559	01091	009	r <sub>o</sub> rr		rr <sub>o</sub>	
	Wittering	462	52212	66038	90008	20935	04002	82360	84272		462	72113	74028	87005	7847/	04612	84815	87635		462	91081	019	r <sub>o</sub> pr <sub>o</sub>		pr <sub>o</sub>	
	Watnall	354	72312	61038	88707	40916	04000	84460	87270		354	62212	58016	85906	6547/	05608	81711	83615	85626		354	03081	022	ir <sub>o</sub> rrrr <sub>o</sub> r <sub>o</sub>		r <sub>o</sub> r <sub>o</sub> rrir <sub>o</sub>
	Shawbury	414	82203	61601	88207	3542/	05808	83618	88460		414	32412	80016	86705	38400	03310	82818			414	01081	007	r <sub>o</sub> r		r <sub>o</sub> pr <sub>o</sub>	
	Finningley	360	22512	69038	87309	15704	03001	81656			360	82111	58216	84807	8547/	04610	83612	88620		360	97091	033	r <sub>o</sub>		r <sub>o</sub>	
	Kilnsea	396	22624	66011	87707	20970	03218	82360			396	82324	66216	85406	5562/	04715	85630	88460		396	97081	045	r <sub>o</sub>		ir <sub>o</sub>	
	Leeming	257	52616	82018	85208	54500	04114	82824	83634		257	71907	62251	83706	7547/	04507	87614			257	93091	038	pr <sub>o</sub>		pr <sub>o</sub> ir <sub>o</sub>	
	Tynemouth	262	72512	74021	82208	7557/	04214	87620			262	62010	61031	82307	6097/	03005	86358			262	00091	053	+		+	
	Carlisle	222	62516	66026	82807	58430	04107	81712	83818		222	72103	58608	82205	7537/	04000	83707	85716	87630		222	05081	042	r <sub>o</sub>		pr <sub>o</sub> prprphr
Rrr <sub>o</sub>	Valley	302	82125	74251	85808	7847/	05811	82814	86624	88459	302	12521	80018	85507	18432	03212	81818			302	92091	015	pr <sub>o</sub>		pr <sub>o</sub>	
	Ringway	334	71607	65038	87807	35646	03002	83640	84360	87270	334	72111	70016	85306	7547/	04400	81712	83615	87635		334	03071	013	r <sub>o</sub> rr <sub>o</sub>		r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub>
	Squires Gate	318	72211	65038	86207	68571	05204	81825	86640		318	62716	75256	84407	58437/	05501	83817	83640		318	01081	015	r <sub>o</sub> rr		r <sub>o</sub> rpr <sub>o</sub>	
	Ronaldsway	204	72213	70601	84508	6857/	06																			

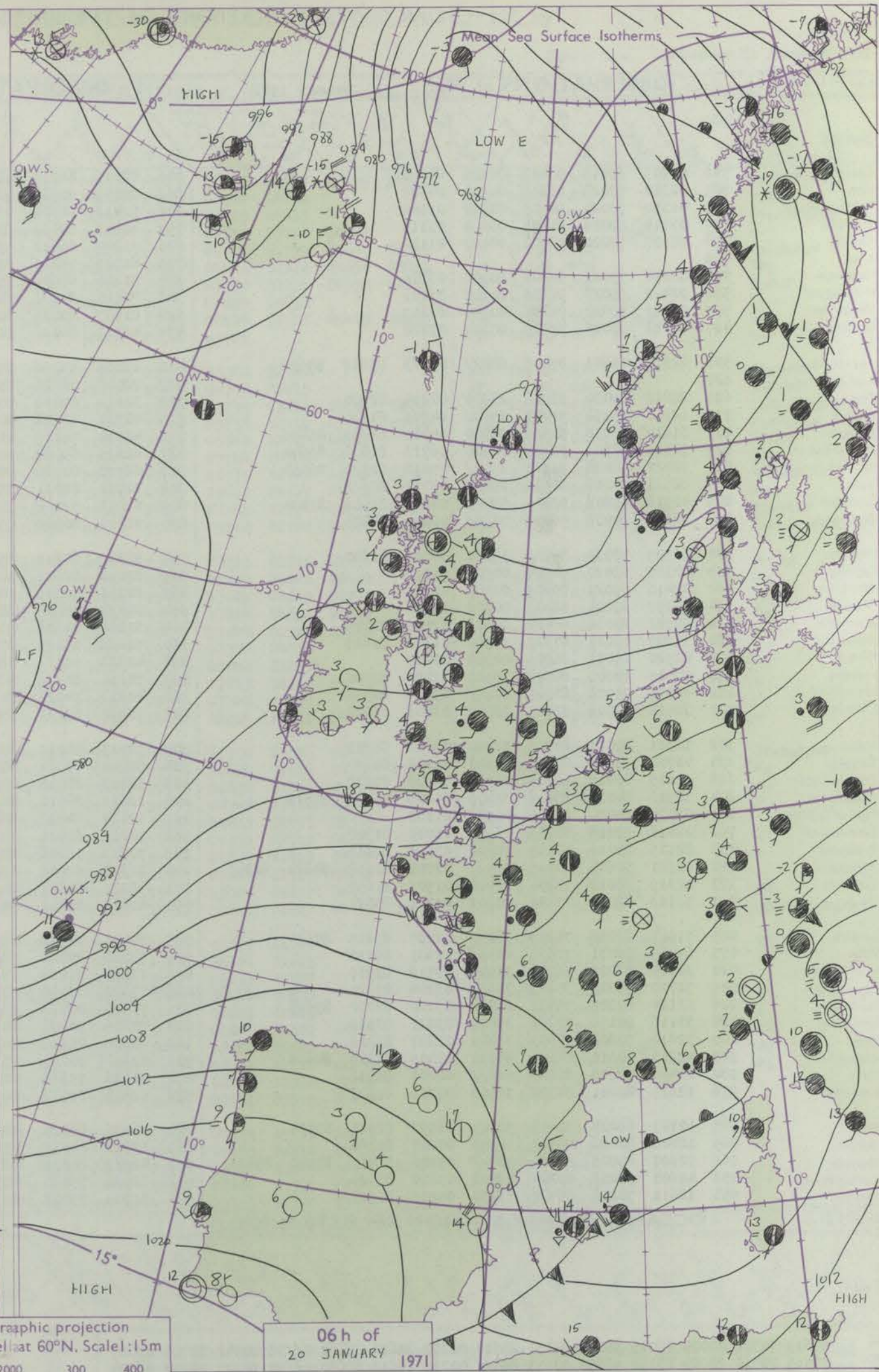
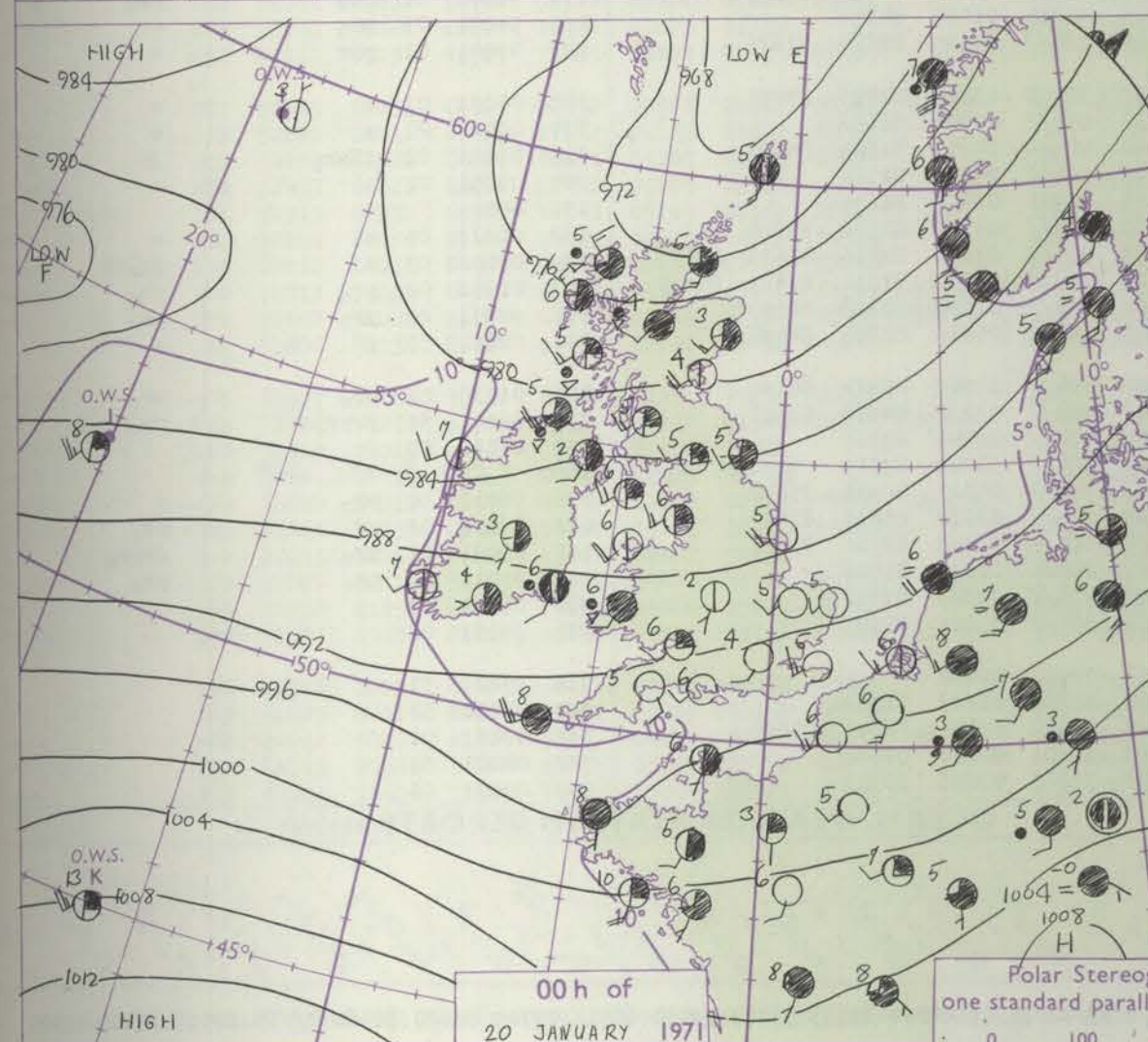
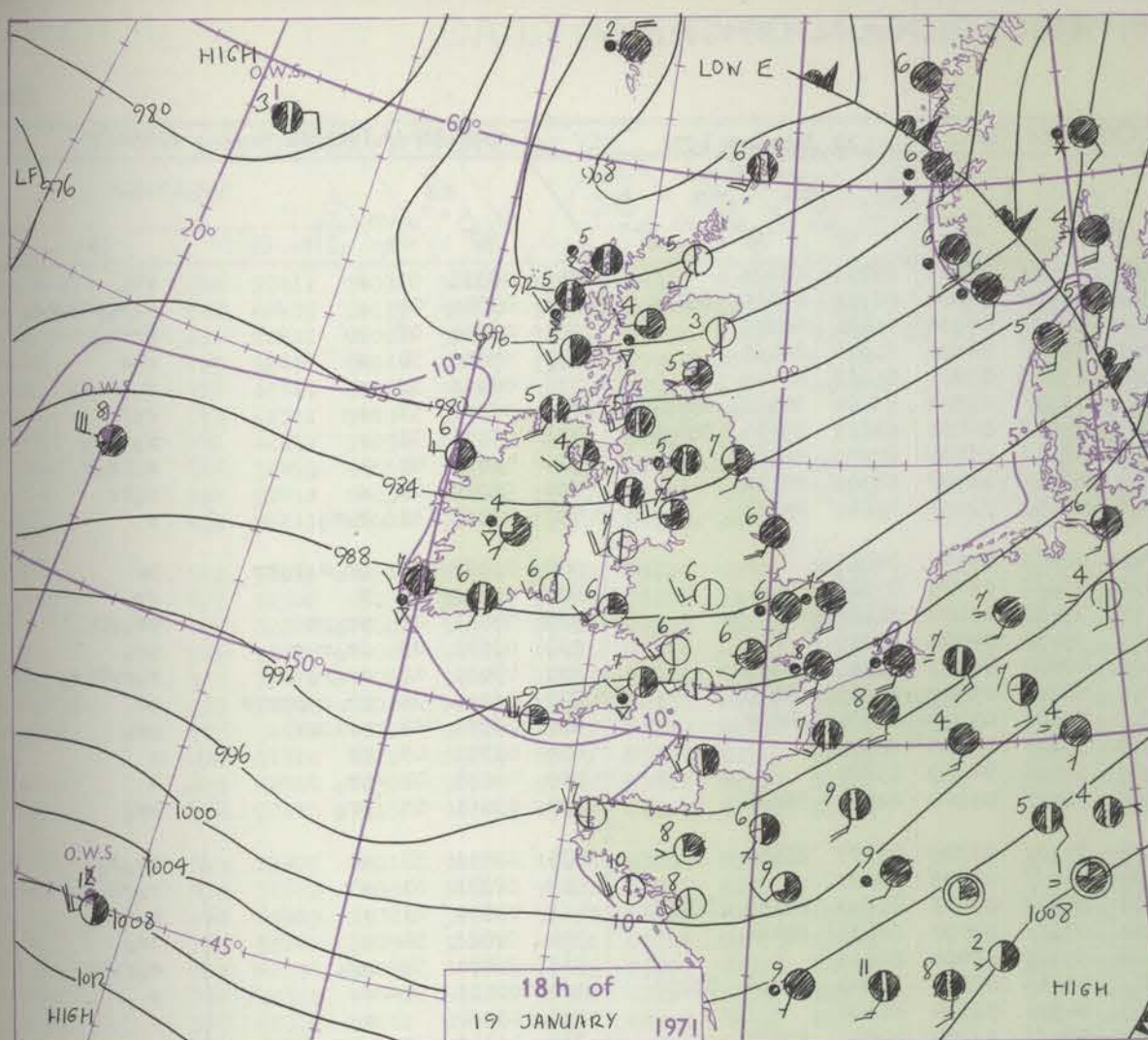


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The complex depression to the north of Scotland is likely to persist with the southern portion filling a little and swinging east towards the Norwegian coast. The deepening complex low to the west and southwest of Ireland will move rather

quickly eastward across central and southern districts of the British Isles with a north to northwesterly flow becoming established over Ireland, Wales, Scotland and western districts of England.

Issued at midday Wednesday 20 January 1971



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

No. 39872

Code FM 11.D		OBSERVATIONS at 00h.										20 January 1971										OBSERVATIONS at 06h.										20 January 1971										OBSERVATIONS during NIGHT										Code FM	
Station		ill		Nddff		VVwwwW		PPPTT		N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>		T <sub>d</sub> T <sub>d</sub> app		8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>		8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>		8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>		ill		Nddff		VVwwwW		PPPTT		N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>		T <sub>d</sub> T <sub>d</sub> app		8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>		8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>		8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>		ill		RRT <sub>n</sub> T <sub>n</sub> E		T <sub>g</sub> T <sub>g</sub>		WEATHER		Station							
																																												21h.—03h.				03h.—09h.					
Boscombe Down		746	01909	69018	93402	00900	02108													746	72210	66216	91804	754//	03706	85711	87620										746	02011	51	+	rr <sub>o</sub>	Boscombe											
Hurn		862	02310	70028	93806	00900	04305													862	82109	60518	92206	6542/	04806	82712	85625	88465										862	03041	00	+	pr <sub>o</sub> pr <sub>o</sub> rr <sub>o</sub>	Hurn										
Thorney Island		871	02310	70020	94205	00900	03106													871	82412	62801	93006	885//	04508	85821	88645										871	02041	02	jp	prrr <sub>o</sub>	Thorney											
Manston		797	02414	82026	93105	00900	03118													797	81808	82031	93905	1557/	04400	81620	88463										797	94032	50	+	r <sub>o</sub> r	Manston											
Gatwick		776	02307	70020	93902	00900	01116													776	71909	66011	92506	2542/	05811	81612	87459										776	02011	53	+	r <sub>o</sub> rr <sub>o</sub> -d <sub>o</sub>	Gatwick											
Kew		775																		775	81907	59211	91506	3557/	05808	83624	84358	88461										775	02041	51	+	r <sub>o</sub> rr	Kew										
Heathrow		772	02210	75021	92904	00900	03116													772	81810	68601	91706	7552/	04811	85623	85635	88460										772	02031	01	+	r <sub>o</sub> rrr <sub>o</sub>	Heathrow										
Honington		586	02412	69026	90205	00900	03121													586	82110	64031	91404	5577/	03400	85656	88360										586	01031	00	+	r <sub>o</sub> rror	Honington											
Wattisham		590	02511	58020	91104	00900	03219													590	81907	60031	92003	60957	02702	86362	88272										590	95022	00	+	r <sub>o</sub> rr	Wattisham											
Gorleston		497	02312	60026	89905	00900	03222													497	42112	64030	91204	25670	02103	82640	84360										497	97032	51	r <sub>o</sub> r <sub>o</sub>	r	Gorleston											
Aberporth		502	82312	61801	89406	884//	02603	85816	88656											502	62204	59256	89804	62400	03104	86818										502	05021	00	pr <sub>o</sub> r <sub>o</sub> r <sub>o</sub> rr	pr	Aberporth												
Ross-on-Wye		627																		627	72008	66026	89704	755//	03705	87625										627	05041	01	R	rr	Ross-on-Wye												
Filton		628	22212	69030	91906	25500	02305	82620												628	32110	69018	90505	38400	03806	81818										628	04041	02	pr <sub>o</sub> pr	pr <sub>o</sub> pr	Filton												
Rhoose		715	12110	75258	91405	15500	04701	81620												715	42210	62018	90605	35430	04504	83615										715	03041	03	pr <sub>o</sub> r <sub>o</sub> r	pr <sub>o</sub>	Rhoose												
Chivenor		707	51814	66038	91506	58500	04809	81825	85656											707	42510	74018	91406	48500	04305	82820	84628										707	04051	01	rr <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> rp <sub>o</sub> rr <sub>o</sub>	Chivenor											
Mount Batten		827	32313	66808	93109	38500	06713	81820	83640											827	42615	69038	92907	48400	05307	81815	84630										827	06051	04	ph <sub>o</sub> r <sub>o</sub> ph <sub>o</sub> rr	pr	Mount Batten											
St. Mawgan		817	72012	66028	91907	2952/	05816	82920	86458											817	62720	80038	92807	69500	03309	81920	84822										817	06051	03	pr <sub>o</sub> rrr	pr <sub>o</sub>	St. Mawgan											
Scilly		804	82523	74216	92308	854//	05712	88618												804	32723	81011	93808	38400	04208	82818										804	01071	03	pr	+	Scilly												
Culdrose		809	42918	69808	92805	49400	04814	81918	83820											809	42812	72028	93507	32501	04309	83820										809	04041	02	pr <sub>o</sub>	+	Culdrose												
Guernsey		894	32110	80038	96307	32500	06804	83825												894	72314	80808	95107	784//	05102	82710	86820										894	02061	04	pr <sub>o</sub>	pr <sub>o</sub>	Guernsey											
Elmdon		534	11905	70030	89902	15600	00006	81640												534	82210	60611	89504	3732/	03708	83707	88556										534	01011	53	+	rr <sub>o</sub> r <sub>o</sub>	Elmdon											
Cardington		559	02315	62020	90904	00900	03116													559	82012	62601	90705	856//	04806	88631										559	02032	01	+	r <sub>o</sub> rr	Cardington												
Wittering		462	02416	69021	89305	00900	01111													462	82211	62601	90104	2567/	02502	82630	84359	88462										462	02031	01	+	r <sub>o</sub> rrr <sub>o</sub>	Wittering										
Watnall		354	02312	61021	88303	00900	02106													354	82114	56606	88704	6561/	03000	86633	88464										354	91021	51	+	ir <sub>o</sub>	Watnall											
Shawbury		414	22512	80038	88404	00901	02105	82075												414	62106	74604	89104																														



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

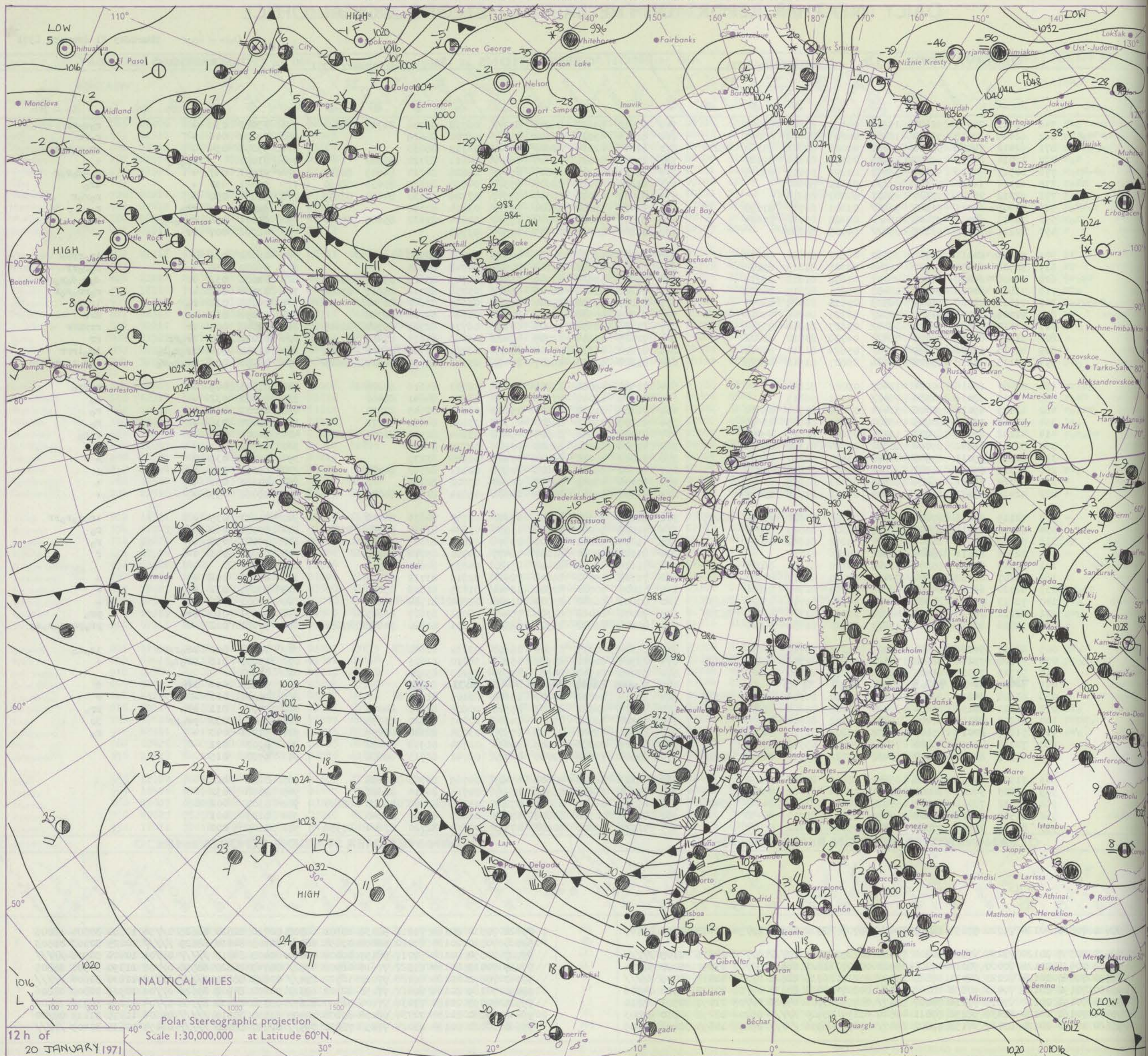
No. 39872

Date of Issue Thursday 21 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		20 January 1971										20 January 1971																			
												</																			

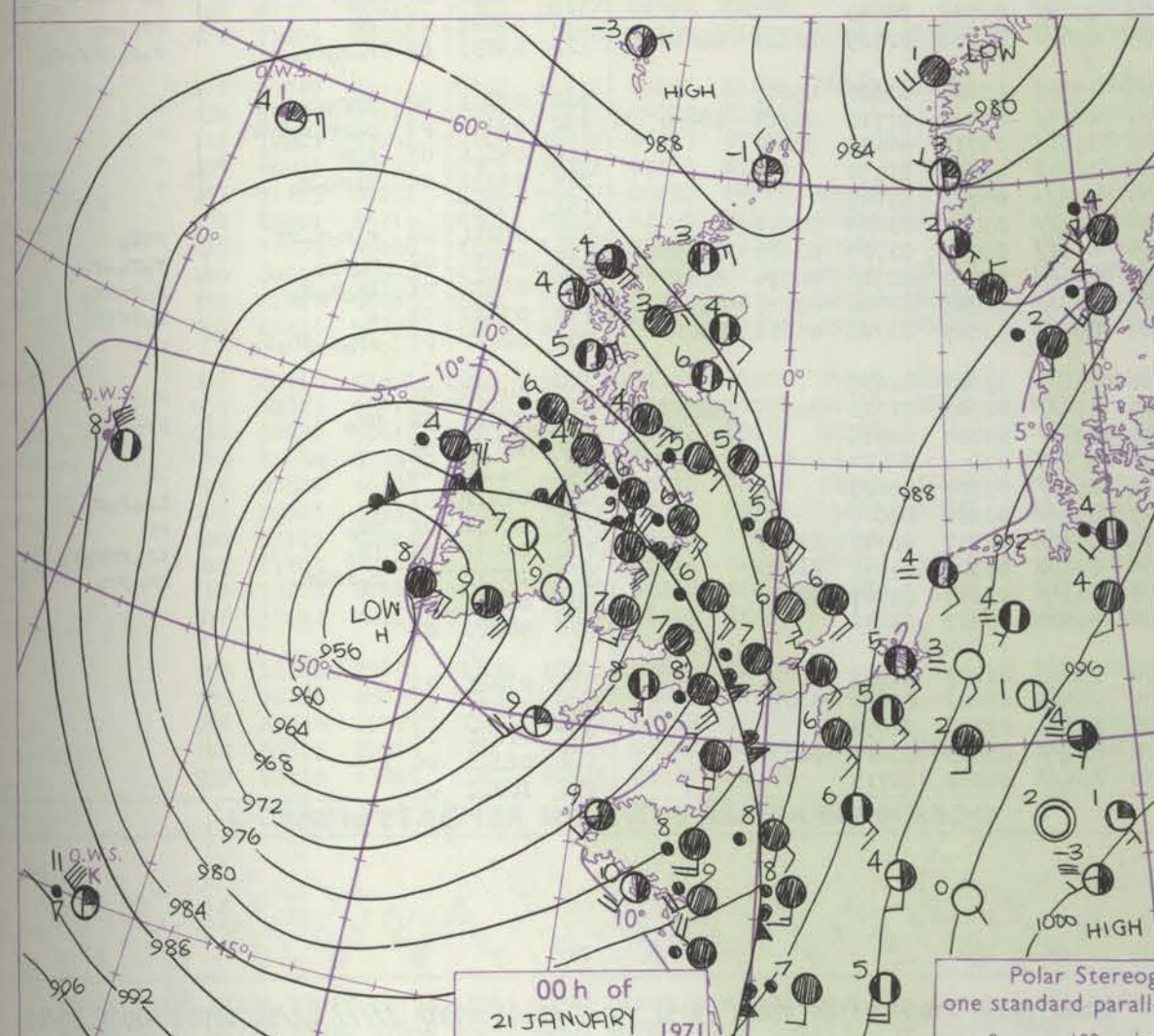
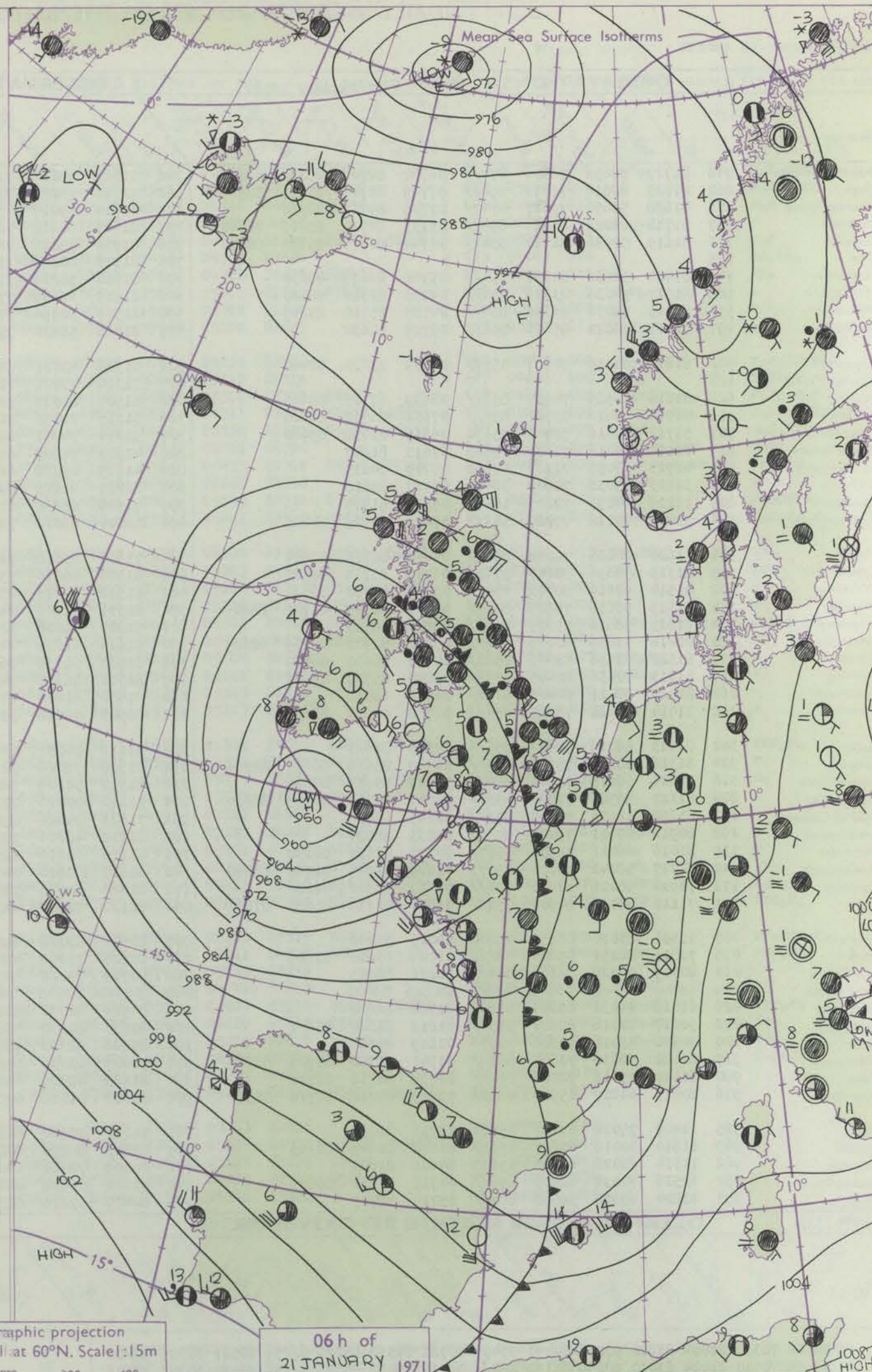
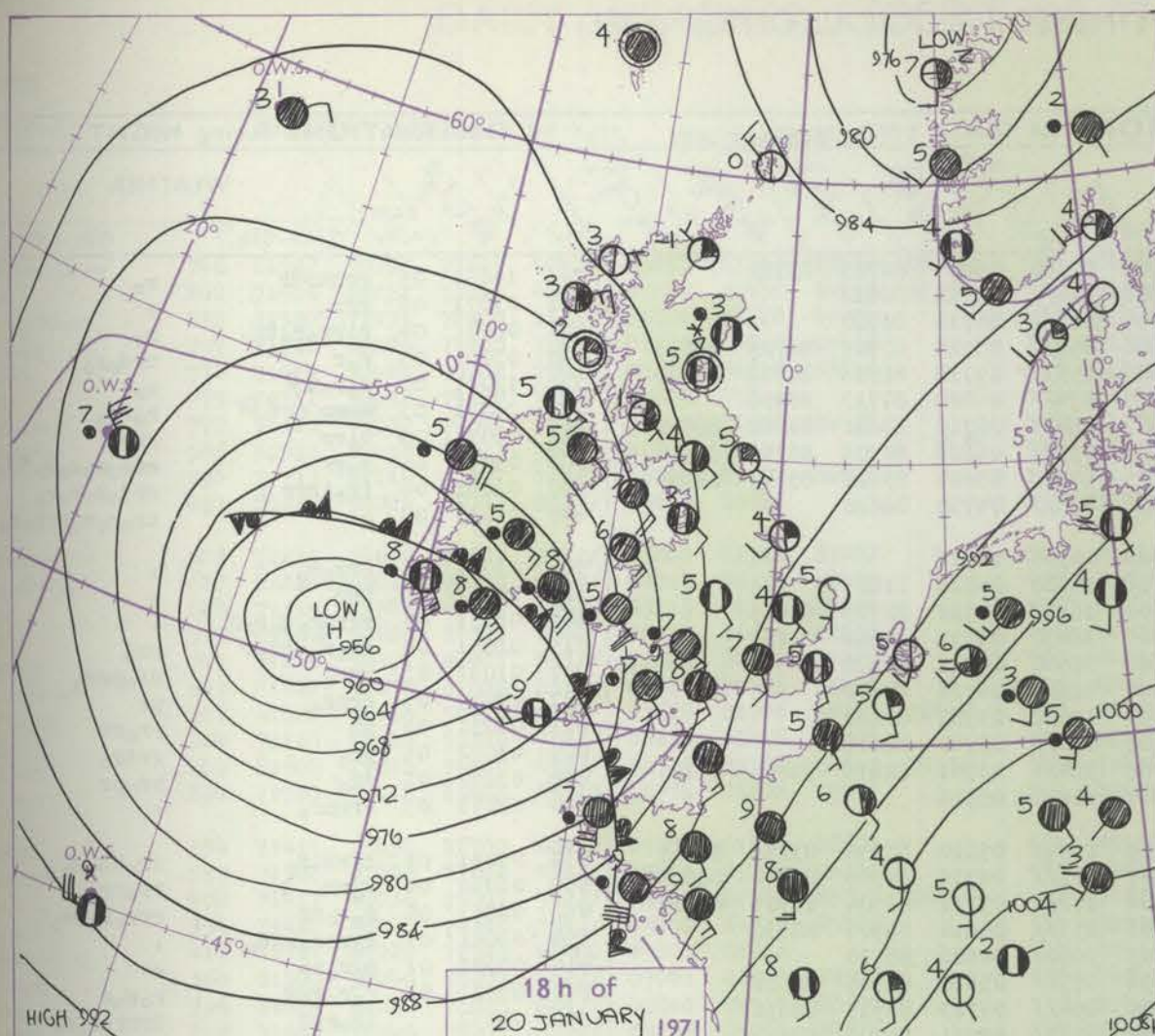


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

Depression over Shetland with trough across the North Sea moved away east as a deepening depression about 400 miles westsouthwest of Ireland moved quickly eastnortheast. This depression became slow-moving as it deepened off southwest Ireland but its associated occlusion continued to move quickly east to reach

East Anglia and southern Scotland by this morning. During the next 24 hours the depression off southern Ireland is expected to move eastsoutheast, filling slowly, to be centred east of Paris by tomorrow morning bringing a cold north-easterly airstream into most parts of Britain.

Issued at midday Thursday 21 January 1971



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

No. 39873

Code FM II.D		OBSERVATIONS at 00h. 21 January 1971										OBSERVATIONS at 06h. 21 January 1971										OBSERVATIONS during NIGHT										Code FM
Station		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station							
																								21h.—03h.	03h.—09h.							
Boscombe Down	746	81727	56656	76306	873//	06750	82708	85712	88718		746	51815	69216	73907	57200	06814	82705	83711		746	14061	05	rrRRrdr	r <sub>o</sub>		Boscombe Down						
Hurn	862	81723	62616	76708	5542//	07749	82714	83616	88529		862	61713	65026	73908	654//	07711	86612		862	07071	06	rrr <sub>o</sub>	+		Hurn							
Thorney Island	871	81628	59656	79907	4742//	07745	84712	88540			871	21714	69016	75807	12508	06713	81820		871	05071	04	r <sub>o</sub> rr <sub>o</sub> r <sub>o</sub> Rr <sub>o</sub>	r <sub>o</sub>		Thorney Island							
Manston	797	81718	64022	84807	854//	05735	82710	85616	88640		797	81627	60212	78506	853//	05728	83707	86709	88615	797	03061	05	r <sub>o</sub> r	rrd <sub>o</sub> r <sub>o</sub>		Manston						
Gatwick	776	81619	50636	81107	6542//	06744	82715	85620	88550		776	81912	59216	76407	853//	07718	81706	84708	88623	776	12061	06	r <sub>o</sub> r <sub>o</sub> R	r <sub>o</sub> r		Gatwick						
Kew	775										775	81705	62216	75507	4742//	06820	84713	88458		775	08071	05	rrrrrRr	r <sub>o</sub> rr <sub>o</sub>		Kew						
Heathrow	772	81422	56636	80307	854//	05741	86619	88630			772	81608	58216	75707	5542//	06716	83611	84620	88462	772	08071	05	r <sub>o</sub> rr	rrr <sub>o</sub>		Heathrow						
Honington	586	81517	74036	83506	854//	04735	82710	88620			586	81517	66636	77705	7732//	05627	84708	86712	88540	586	04051	04	r <sub>o</sub> r	rrrrr <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>		Honington						
Wattisham	590	81515	58036	84106	854//	04735	85710	88649			590	81519	32596	77805	872//	05628	83704	85706	88708	590	06042	04	ir <sub>o</sub> irrr	rrd <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>		Wattisham						
Gorleston	497	81519	60022	85606	856//	05728	88630				497	81528	58636	79306	855//	04730	88620			497	01032	02	+	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub>		Gorleston						
Aberporth	502	81816	63016	70707	3557//	06709	83625	88460			502	01520	63011	68306	00900	04816				502	01051	03	rrr <sub>o</sub> r <sub>o</sub>	+		Aberporth						
Ross-on-Wye	627										627	11310	77026	71706	18500	04815	81825			627	10051	04	RRr	+		Ross-on-Wye						
Filton	628	81516	56586	74607	853//	06639	87709	88615			628	51507	62036	72506	2632//	04712	82709	85465		628	08051	04	rrrr <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> R	+		Filton						
Rhoose	715	81704	66616	73507	854//	07631	86712	88620			715	31116	70036	71306	38430	04715	81816	83630		715	02051	04	rr <sub>o</sub> r <sub>o</sub> rrr <sub>o</sub> r	pr <sub>o</sub>		Rhoose						
Chivenor	707	51711	69016	72408	35670	05615	83638	85460			707	31214	74031	69107	38500	04722	82820			707	01062	03	rrr <sub>o</sub>	pr <sub>o</sub> pr <sub>o</sub>		Chivenor						
Mount Batten	827	12117	64216	73609	15600	07613	81647				827	41922	74808	69307	42600	06728	84832			827	02072	05	rrpr <sub>o</sub>	pr		Mount Batten						
St. Mawgan	817	41913	69258	72107	42400	05713	84815				817	41719	69038	66007	42500	03737	84822			817	03051	03	pr	pr <sub>o</sub> rr		St. Mawgan						
Scilly	804	32223	79038	70609	38400	05717	82818				804	81831	61628	60809	854//	05760	88618			804	03082	05	pr <sub>o</sub>	rrir <sub>o</sub>		Scilly						
Culdrose	809	12215	64258	72207	18400	05815	81818				809	71924	66038	65708	38416	03741	82818	84460	87270	809	03062	03	pr <sub>o</sub>	pr <sub>o</sub> pr		Culdrose						
Guernsey	894	51824	70216	77007	583//	05629	83709	84815			894	01820	66010	74907	00900	05716				894	02071	05	Rrrpr <sub>o</sub>	+		Guernsey						
Elmdon	534	81624	60636	76806	854//	04742	82710	88614			534	71607	65016	73405	1577//	05610	81650	83359	87463	534	05051	03	r <sub>o</sub> rRir <sub>o</sub>	ir <sub>o</sub> Rd <sub>o</sub> r <sub>o</sub>		Elmdon						
Cardington	559	81313	58656	80107	5742//	06745	85714	88527			559	81506	66616	75507	853//	06716	84709	85714	88620	559	06062	04	r <sub>o</sub> rR	rrr <sub>o</sub> rr <sub>o</sub>		Cardington						
Wittering	462	81514	62616	80406	854//	05744	84710	88620			462	81512	59216	75106	872//	05721	83704	86705	88707	462	06051	04	r <sub>o</sub> r <sub>o</sub> rr	rrr <sub>o</sub> r <sub>o</sub> d <sub>o</sub>		Wittering						
Watnall	354	81315	58636	78905	852//	05745	82705	85709	88615		354	81511	61206	74306	853//	05614	85707	88620		354	06041	01	r <sub>o</sub> rrrr <sub>o</sub> r <sub>o</sub> d <sub>o</sub>	+		Watnall						
Shawbury	414	81815	58616	75205	874//	05836	88713				414	51203	59016	72205	56400	04606	85710			414	04041	01	r <sub>o</sub> r <sub>o</sub> rr	+		Shawbury						
Finningley	360	81416	57636	80005	852//	05842	82703	85709	88619		360	81614	61636	74506	6732//	05620	86709	88521		360	07031	03	r <sub>o</sub> r <sub>o</sub> rrr	r <sub>o</sub> r <sub>o</sub> r		Finningley						
Kilnsea	396	81522	63636	83405	6562//	04733	86630	88460			396	81530	61636	76905	854//	05723	85715	88632		396	07052		ir <sub>o</sub> rrR	rrrr <sub>o</sub> r <sub>o</sub> rr		Kilnsea						
Leeming	257	81313	40636	80405	5732//	03840	85708	88520			257	81512	56636	74306	6732//	05721	86706	88512		257	13032	02	r <sub>o</sub> rr	rr		Leeming						
Tynemouth	262	81420	58021	82405	8092//	03724	88458				262	81430	61606	75606	8062//	06730	88540			262	08042	06	rr	rrr <sub>o</sub> r <sub>o</sub>		Tynemouth						
Carlisle	222	81014	56611	78505	854//	02738	81717	88634			222	80903	56616	73505	854//	03618	82715	84623	88630	222	03031	02	r <sub>o</sub> r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub>	r <sub></sub>								



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

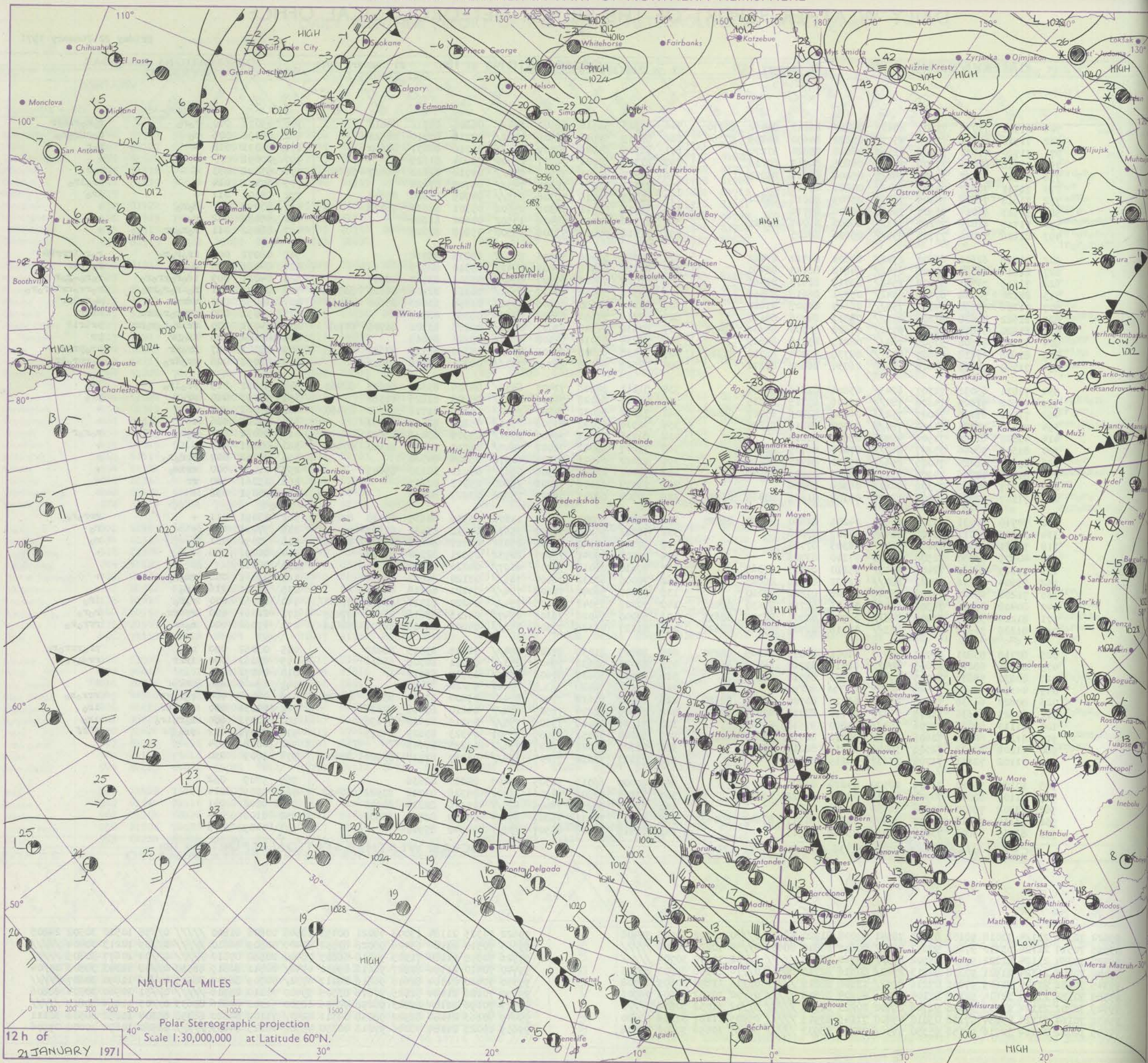
No. 39873

Date of Issue Friday 22 January 1971

Code FM 11.D		OBSERVATIONS at 12h. 21 January 1971										OBSERVATIONS at 18h. 21 January 1971										OBSERVATIONS during DAY				
																						WEATHER				
Station		ill	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	ill	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	ill	RRT x E	Sss	09h.—15h.	15h.—21h.		
—09h.																										
	Boscombe Down	746	81522	74032	71607	48427	05817	83813	84462	88270	746	81323	58616	68507	854//	06805	86711	88618		746	09071	000	ro <sub>o</sub> ro	ro <sub>o</sub> rrrrrr		
	Hurn	862	71518	62212	71008	45777	05822	84650	84459	87360	862	81319	58646	66908	4742/	07716	84710	88522		862	05092	006	ro	ro <sub>o</sub> rrrrro		
	Thorney Island	871	71520	71031	74208	11556	06810	81820	87270		871	81525	64026	70509	856//	05716	86631	88650		871	01091	018	+	ro <sub>o</sub> r		
	Manston	797	71718	80026	77508	754//	06805	84712	87618		797	21315	80021	76507	25500	05604	81625			797	00091		+	+		
	Gatwick	776	71914	70022	75308	784/1	05808	86816	83075		776	81415	70601	72608	855//	04714	81622	86627	88650		776	95091	033	+	ro <sub>o</sub> r	
	Kew	775	71711	70032	74609	724//	05809	87816			775	71313	78252	72609	745//	04709	87624			775	97101	014	+	pr <sub>o</sub> ir <sub>o</sub>		
	Heathrow	772	71616	75032	74309	784/1	05809	81818	84820		772	81215	70216	72308	855//	04709	86628	88645		772	92101	011	+	ir <sub>o</sub>		
	Honington	586	51513	64016	76907	56400	06400	83710			586	51311	59011	76306	25602	05301	82630	85072		586	97091		do <sub>o</sub> ro	+		
	Wattisham	590	71713	61016	77207	723//	06000	85707	86825		590	21316	61011	76406	15502	04602	81620			590	97082	002	ro	+		
	Gorleston	497	81618	57026	77706	855//	05606	88625			497	31418	60011	77506	35500	05202	83625			497	02062	011	ro <sub>o</sub> ro <sub>o</sub> rr	+		
	Aberporth	502	71215	62601	67607	2742/	03604	81712	87462		502	80311	58626	70906	874//	05233	88712			502	08072	000	ir <sub>o</sub> ro <sub>o</sub> ro	ro <sub>o</sub> roirrrrrr		
	Ross-on-Wye	627	81214	66021	70008	6742/	04812	86715	88460		627	80710	60216	69807	8042/	05310	88515			627	04081	006	ro <sub>o</sub> ro	ro <sub>o</sub> rrro <sub>o</sub> r		
	Filton	628	71319	74581	69608	1542/	03719	81615	87460		628	81014	58606	67907	854//	05301	83710	88617			628	04081	009	id <sub>o</sub> ro <sub>o</sub> rrro <sub>o</sub> ro	ro <sub>o</sub> ro-ro <sub>o</sub> r	
	Rhoose	715	81120	58608	67607	6542/	05721	86615	88558		715	80515	56636	67007	6532/	06311	82709	86612	88550		715	05071	001	ro-ro <sub>o</sub> ro <sub>o</sub> rrro	ro <sub>o</sub> rrro <sub>o</sub> rrrrrrro <sub>o</sub>	
	Chivenor	707	71216	59598	64007	753//	06624	84707	87620		707	80216	60656	65608	6552/	06334	83620	85640	88458		707	14092	000	rd <sub>o</sub> rd <sub>o</sub>	do <sub>o</sub> roRRr	
	Mount Batten	827	81622	40638	61809	853//	09837	84706	88620		827	83216	37656	63508	873//	08361	88706			827	28092	000	prpr <sub>o</sub> ro <sub>o</sub> RRr	RRrr		
	St. Mawgan	817	81520	56618	58708	6732/	07628	82706	85709	88458	817	83338	37648	67907	871//	06275	83702	86706	88703		817	04091	004	rrir <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub> pr	pririr	
	Scilly	804	73113	48506	57509	784//	08213	85818	84625		804	53234	59018	74108	48402	05286	84818			804	01102	026	id <sub>o</sub> pr	pr		
	Culdrose	809	81608	27818	56809	892//	08735	85704	88712	82910	809	73438	60808	69605	784//	05399	83710	87622		809	04101	007	pr <sub>o</sub> pr	pr <sub>o</sub> prpr <sub>o</sub>		
	Guernsey	894	71720	74012	69608	65538	06734	86620	87272		894	72525	66216	65705	753//	08301	83708	87616		894	03091	006	pr <sub>o</sub> ir <sub>o</sub>	ro <sub>o</sub> prpr <sub>o</sub> ir		
	Elmdon	534	71411	65031	72707	6843/	05806	81810	86624		534	81111	58608	72407	6552/	04306	83622	85633	88460		534	91081	015	pr <sub>o</sub> ir <sub>o</sub>	ir <sub>o</sub>	
	Cardington	559	71308	61806	74608	784//	07806	85715	85825		559	71013	66028	74007	2857/	05205	81825	87362		559	97091	010	pr <sub>o</sub>	pr <sub>o</sub>		
	Wittering	462	71411	61036	75007	752//	06802	82705	85707	86620	462	71112	58022	74807	3542/	05106	81712	83620	87460		462	00081	007	+	+	
	Watnall	354	71410	56041	74308	784//	05000	84818	85825		354	70914	56042	74706	2571/	05208	82650	87462		354	00081	006	+	+		
	Shawbury	414	41311	61021	71908	48400	05807	83818			414	80911	48636	72407	854//	05309	83618	88620		414	96081	007	ro <sub>o</sub> ro	ro <sub>o</sub> ro <sub>o</sub> r		
	Finningley	360	81508	50046	75207	862//	07003	86705	88708		360	71207	48042	76007	4542/	06213	82616	83640	87462		360	00081	000	+	+	
	Kilnsea	396	81622	61016	76005	854//	05400	84715	88630		396	41420	64011	77406	40978	05804	84360			396	03062	007	rrrr <sub>o</sub> ro	+		
	Leeming	257	81508	18046	74907	872//	05003	85703	88704		257	71202	28042	76506	5563/	05211	82630	85645		257	01081	000	rrir <sub>o</sub>	+		
	Tynemouth	262	81717	48636	75306	8062/	06304	88538			262	31610	58106	77006	35600	05313	83635			262	05061	000	rr	+		
	Carlisle	222	71107	62026	74208	18478	05104	81815	83465	86270	222	20907	56041	76205	15630	03223	81645			222	00091	038	+	+		
	Valley	302	70710	80031	70708	15692	04205	81630	84360	86070	302	70610	56042	73107	15678	05319	81635	83463	87270		302	03091	011	+	rrrr <sub>o</sub> ro	
	Ringway	334	31309	58011	73208	31432	04003	83818			334	70811	56216	74207	3567/	04212	83630	87359		334	97091	035	+	ro		
	Squires Gate	318	71211	50041	73108	764//	06305	87714			318	70709	40042	74806	25632	05217	82635	84360	87075		318	97091	031	+	ro	
	Ronaldsway	204	40909	63030	72508	36301	07110	83709			204	70909	59041	75007	20932	05321	82360	87070		204	00091	038	+	+		
	Mull of Galloway	131	71115	60032	72406	4643/	05210	84715	87365		131	40610	66011	74905	4097/	04220	84360			131	00061					
	Eskdalemuir	162	83604	66216	74603	884//	02102	82818	86625	88635</																

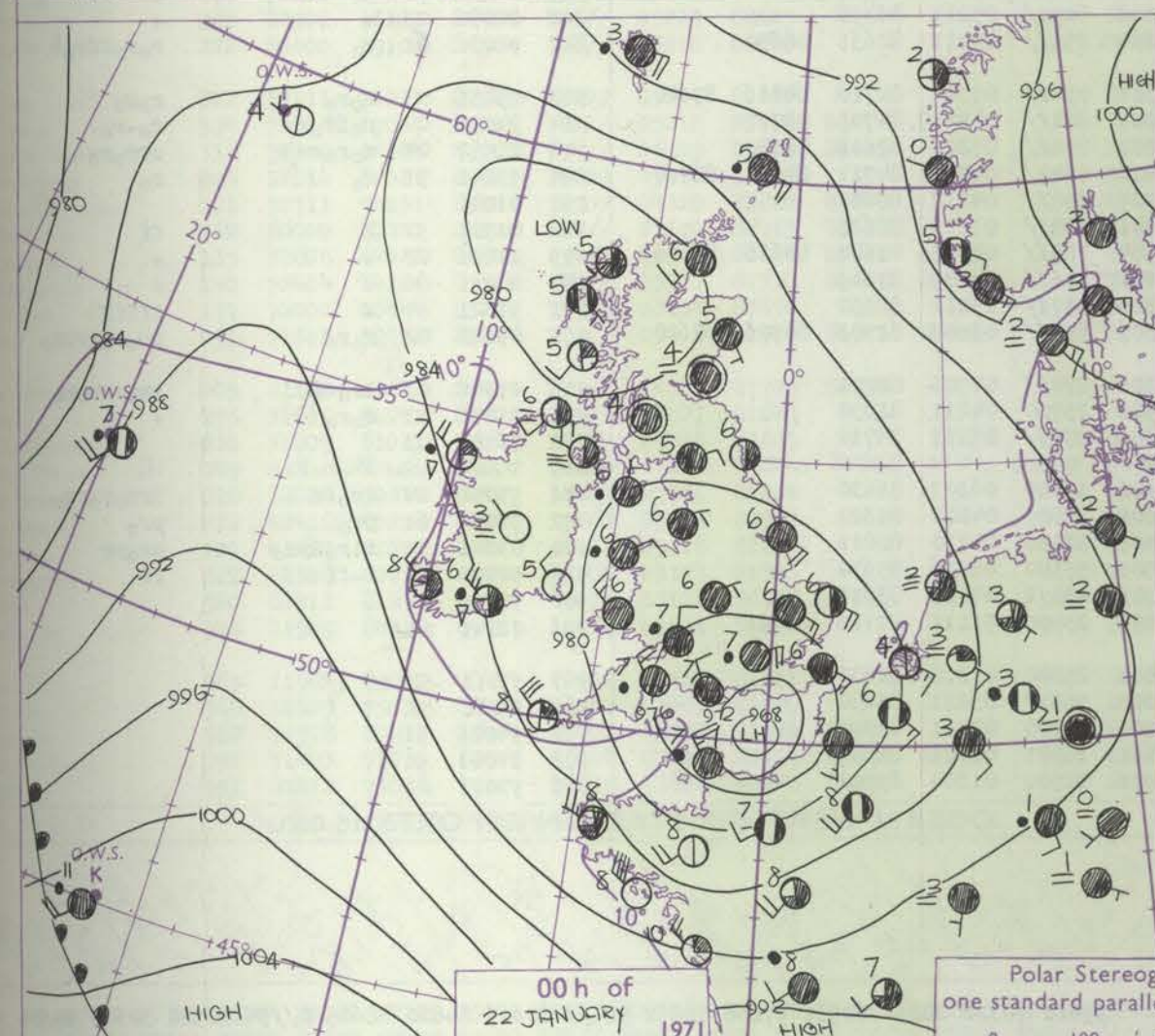
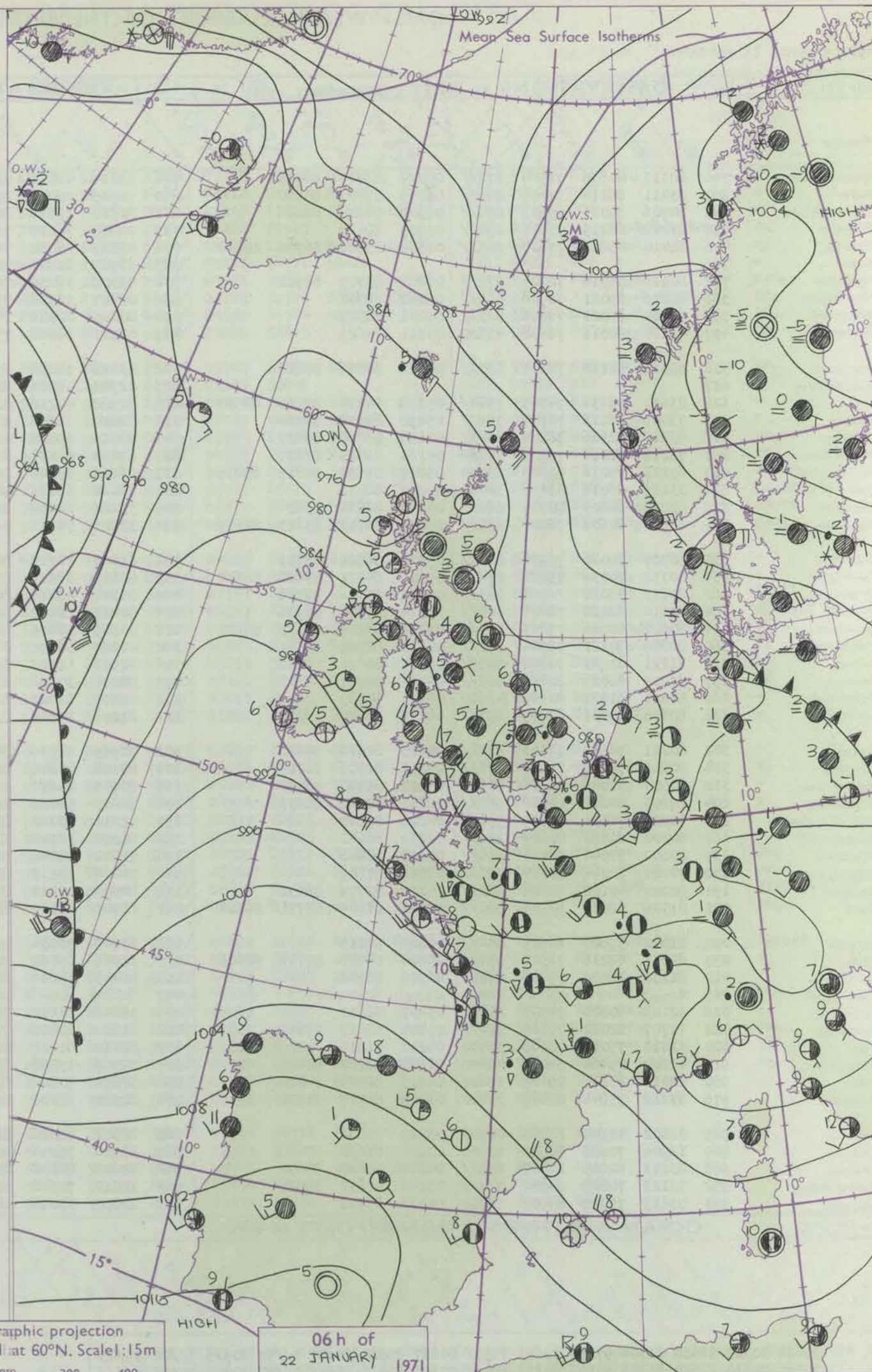
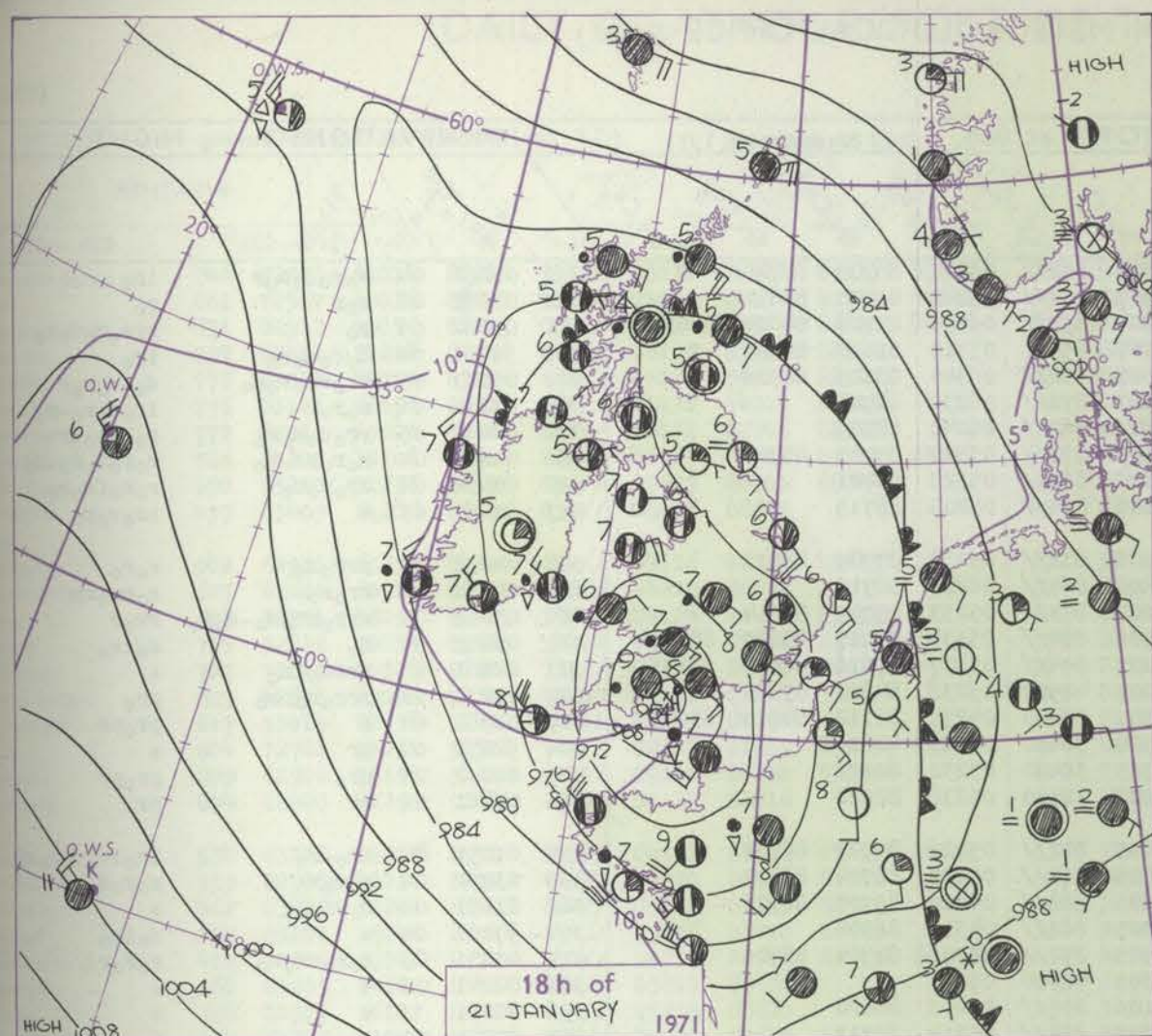


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 15m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

Deep depression west of Scilly moved along the Channel coast while associated occlusion moved slowly northeast over Scotland. Weak ridge of high pressure moved into Ireland. Another deepening depression off Newfoundland moved rather quickly northeast and its associated frontal troughs are now approaching western Ireland.

During the next 24 hours these troughs are expected to move steadily eastwards across southern districts of the British Isles but rather more slowly across northern districts. The depression will move rather more slowly northeast towards western Scotland.

Issued at midday Friday 22

January 1971



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

No. 39874

Code FM I.I.D		OBSERVATIONS at 00h.										22 January 1971										OBSERVATIONS at 06h.										22 January 1971										OBSERVATIONS during NIGHT										Code FM	
Station																																																				Station	
																																										</											



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

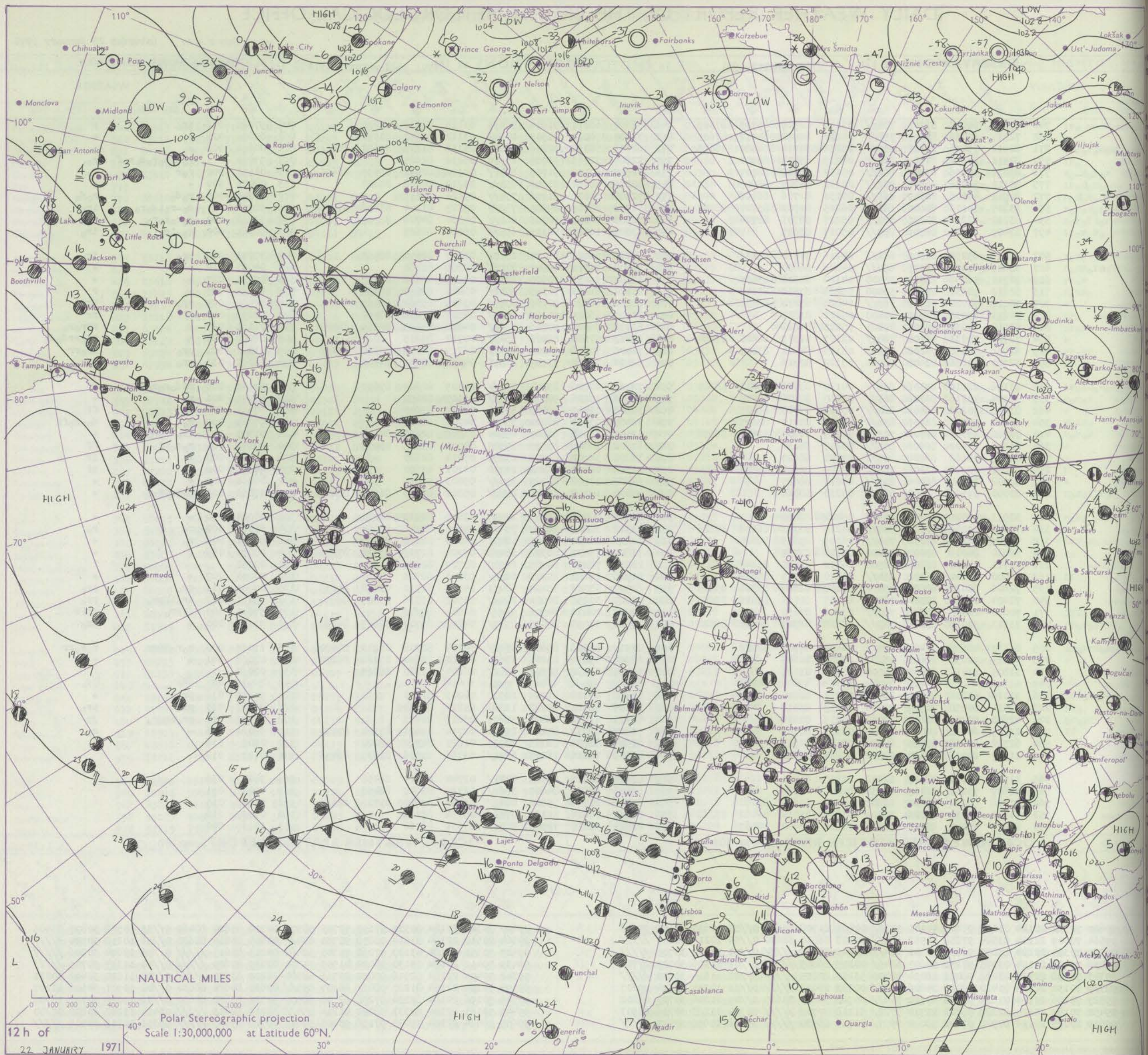
No. 39874

Date of Issue Saturday 23 January 1971

Code FM II.D		OBSERVATIONS at 12h. 22 January 1971										OBSERVATIONS at 18h. 22 January 1971										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT T E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
09h.	Boscombe Down	746	73013	61016	88206	753//	05131	82708	85713	87619	746	52507	66011	91604	38431	03115	81818	83630		746	97081	016	ir <sub>o</sub>	+		
	Hurn	862	72917	65036	88207	754//	04233	82710	85712	87625	862	32202	58011	91905	14641	03112	81640	83360		862	00091	028	+	+		
	Thorney Island	871	82912	59056	88307	854//	05236	84714	86620	88628	871	62203	58052	92206	38530	04118	81825	83650	86362	871	00091	006	+	+		
	Manston	797	82911	24215	84706	861//	06239	85702	88704		797	22606	32106	91105	25500	05232	82625			797	93061		r <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> f	r <sub>o</sub>		
	Gatwick	776	83011	40056	87006	862//	05137	85705	88707		776	62507	50106	91705	654//	04120	82616	83630	86650	776	01071	000	r <sub>o</sub> r	r <sub>o</sub>		
	Kew	775	83111	56056	86607	862//	05232	84705	88708		775	82305	48052	91006	853//	05218	84708	88620		775	00071	000	+	+		
	Heathrow	772	82912	45506	86607	863//	06132	82706	88708		772	72103	56036	91206	754//	05121	87617			772	97071	000	r <sub>o</sub> d <sub>o</sub>	r <sub>o</sub> d <sub>o</sub>		
	Honington	586	83207	33106	84606	862//	06225	81703	85704	88707	586	72508	28106	89505	752//	05225	81704	83618	87625	586	92071		d <sub>o</sub> -r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	ir <sub>o</sub>		
	Wattisham	590	83210	32216	84506	872//	05227	86703	88704		590	82808	28036	90005	862//	04330	84704	88709		590	93062	000	d <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	ir <sub>o</sub>		
Gorleston	497	83409	14106	83206	855//	05217	88625			497	63007	16216	88106	655//	05220	86625			497	92061	000	r <sub>o</sub> -ir	ir <sub>o</sub>			
09h.	Aberporth	502	62915	69252	89306	684//	04116	81710	85635		502	81710	69601	88704	2567//	03707	82640	88462		502	97071	019	pr <sub>o</sub>	ir <sub>o</sub>		
	Ross-on-Wye	627	62606	60026	88107	656//	04228	86630		627	81904	77021	89905	8092//	02109	88460			627	00091	012	+	+			
	Filton	628	32711	56056	88307	38400	04124	81818	83635		628	62207	59051	90605	25531	04108	82628	86075		628	00081	027	+	+		
	Rhoose	715	52812	70031	89607	58400	05225	83812	83645		715	81607	81032	90305	2542//	03000	82618	88458		715	97081	035	+	r		
	Chivenor	707	73015	70028	91108	785//	04221	85820	86630		707	81306	66022	90206	8097//	03609	85360	88465		707	97091	009	pr <sub>o</sub>	ir <sub>o</sub>		
	Mount Batten	827	42813	69038	92308	44430	05121	83815		827	82007	66021	91107	1562//	04707	81630	88460		827	02091	040	pr <sub>o</sub>	rr			
	St. Mawgan	817	53014	80038	92407	42401	05115	84816		817	81712	66602	90206	5567//	04812	85645	86359	88460	817	01081	027	+	rrr <sub>o</sub> r <sub>o</sub>			
	Scilly	804	72708	74031	93508	784//	02107	81819	84623	87650	804	81812	57636	88208	854//	07717	88615		804	06092	007	+	ir <sub>o</sub> rrd <sub>o</sub> d <sub>o</sub>			
	Culdrose	809	62908	78158	93208	42502	05116	84820	83075		809	72008	70606	90207	4747//	06719	84710	85360	87462	809	01082	021	pr <sub>o</sub>	ir <sub>o</sub> rr		
	Guernsey	894	22920	80258	92608	22402	05122	82816			894	82110	78032	93707	22576	04801	82822	84460		894	92091	033	pr <sub>o</sub>	r <sub>o</sub> r <sub>o</sub>		
09h.	Elmdon	534	83106	28215	87306	853//	04122	83708	85611	88617	534	72007	40046	89305	755//	04005	82625	87650		534	92061	000	rid <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	+		
	Cardington	559	82908	40216	86706	863//	06230	86706	88708		559	82506	19106	90006	857//	05115	88650		559	97071	001	r <sub>o</sub>	+			
	Wittering	462	83408	30202	86406	862//	05226	85703	88705		462	32605	09461	89403	35600	03114	83640		462	97061	000	d <sub>o</sub>	ff			
	Watnall	354	83102	15046	86906	854//	05218	83710	88625		354	32409	07466	88804	35600	04207	83645		354	97061	000	r <sub>o</sub>	d <sub>o</sub> -r <sub>o</sub> ff			
	Shawbury	414	72808	57046	87706	753//	05219	81706	83625	86656	414	42104	58048	88806	45500	03006	82620	84630		414	01081	017	rrr <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	+		
	Finningley	360	83205	14602	86706	856//	05217	88630			360	61902	10046	87905	35602	04003	83635	85075		360	97071	004	r <sub>o</sub> r <sub>o</sub> ff	ff		
	Kilnsea	396	80309	16102	86206	855//	05220	88620			396	32802	32102	88305	25570	05214	82620		396	00061	000	+	1F			
	Leeming	257	71202	23044	86306	754//	05008	82618	87630		257	21502	06411	86804	25700	03101	82650		257	97071	000	+	1f			
	Tynemouth	262	82702	11102	86406	855//	05210	88625			262	60000	10102	86705	656//	05003	86635		262	00061	000	+	+			
	Carlisle	222	80000	19106	86504	856//	03210	88640			222	80000	14104	86505	854//	05802	82714	86621	88635	222	97051	001	r <sub>o</sub> f-ff	+		
09h.	Valley	302	32911	74021	87708	28402	05011	81810			302	81715	80031	87006	22407	03809	82812	88270		302	00081	060	+	+		
	Ringway	334	72806	19046	87306	754//	05216	83710	86616	87636	334	71706	30046	88205	754//	04003	82712	87624		334	97071	000	r <sub>o</sub>	r <sub>o</sub>		
	Squires Gate	318	72309	36106	87006	754//	06109	85615	87625		318	32210	60011	87605	18401	04003	81818	83075		318	97081	008	r <sub>o</sub>	+		
	Ronaldsway	204	32810	86016	87007	38400	05110	81711			204	71807	75031	86306	684//	04704	81713	85818	87270	204	00081	058	+	+		
	Mull of Galloway	131	52711	74031	85806	58500	04210	81820	85640		131	21812	70200	81820	84905	03709	82825		131	00081						
	Eskdalemuir	162	80000	37101	86302	854//	01110	82715	88632		162	81906	28102	85903	862//	03803	88703		162	00051	000	+	+			
	Prestwick	135	72806	64028	85807	694//	05108	81814	83818	85645	135	61707	65028	85104	584//	04703	81712	83818								

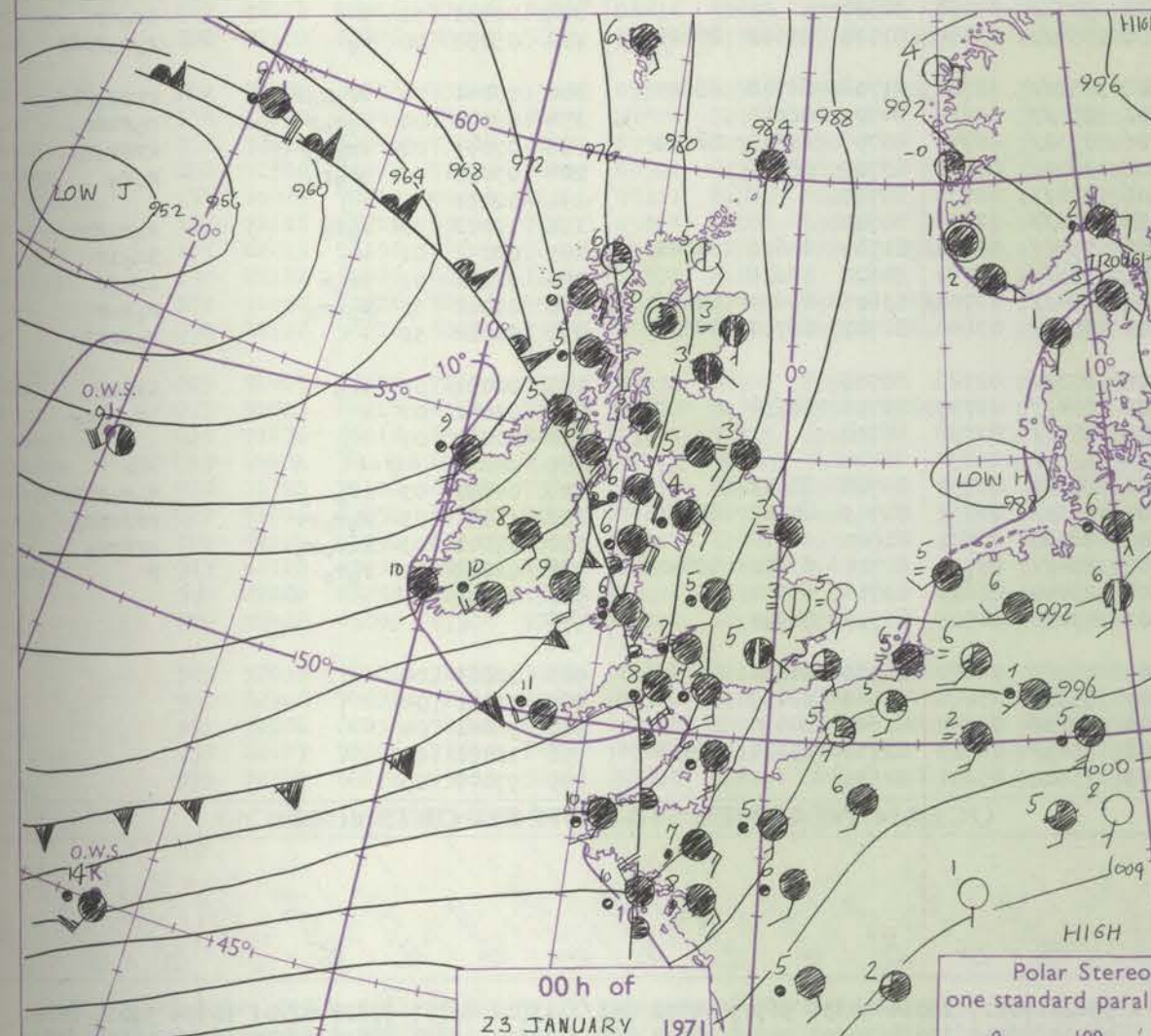
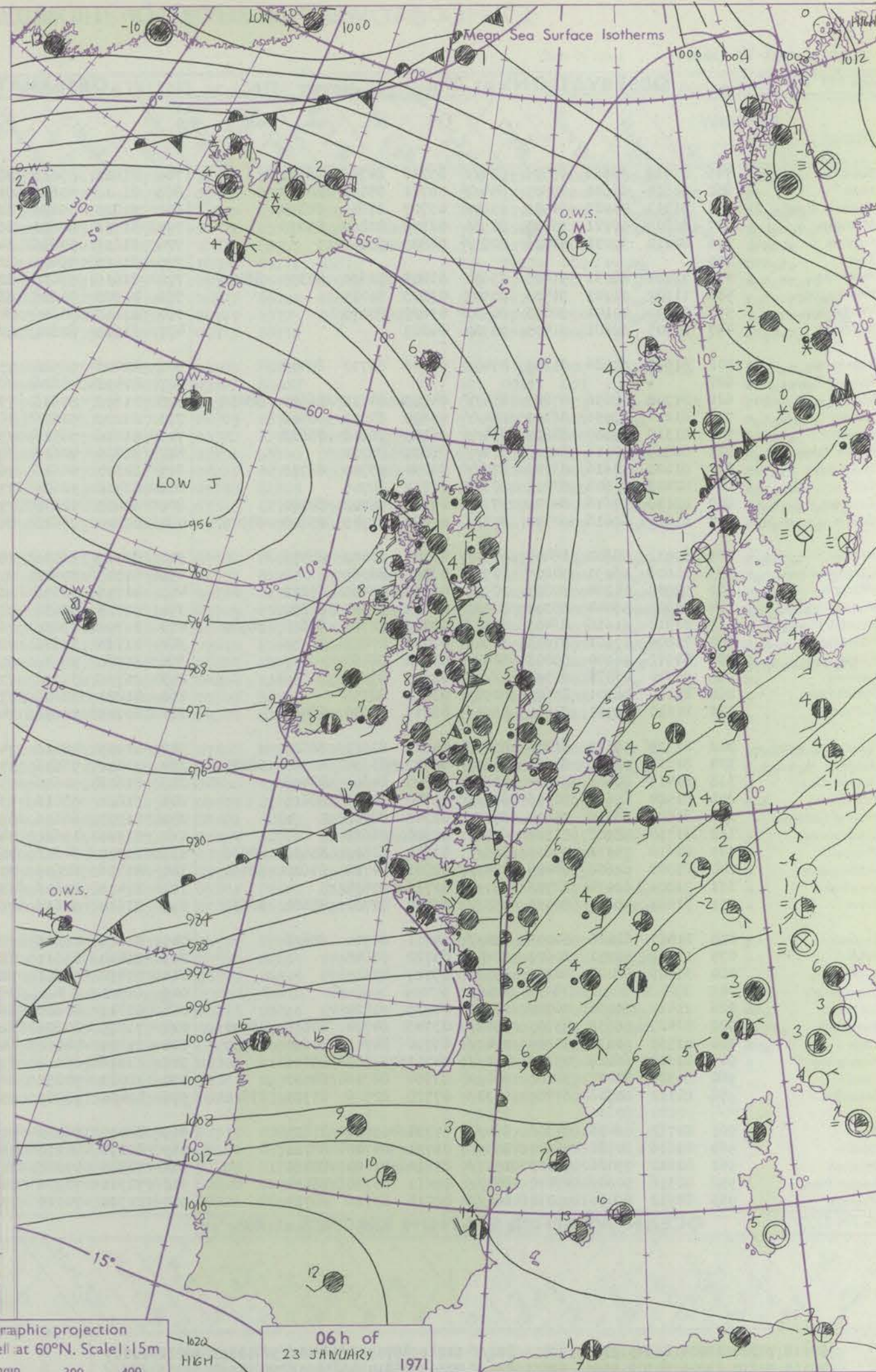
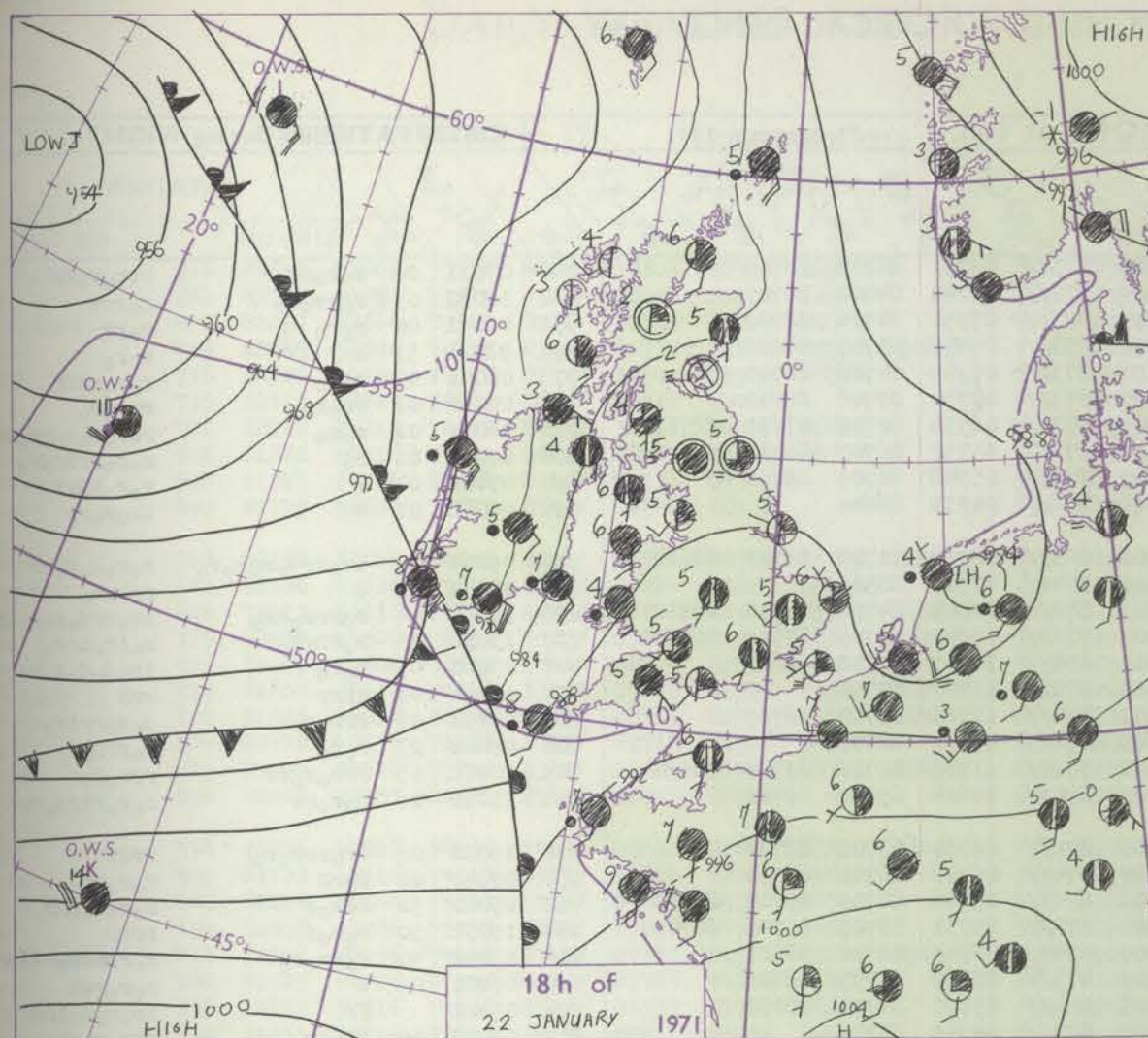


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

The low near southeast England has moved slowly northeast and continued to fill, as has also the low near the Hebrides. The main Atlantic vortex has continued to move northeast but has become slow-moving. The associated frontal troughs have reached western districts of the British Isles and will have reached Denmark

tonight. However it seems likely that a wave on the cold front will develop a circulation soon. This development is expected to be over northern England this evening.

Issued at midday Saturday 23 January 1971



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

39875

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code FM II.D	
Station		ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> s <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> s <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> s <sub>s</sub>	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> s <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> s <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> s <sub>s</sub>	ill	RRT <sub>n</sub> F	T <sub>g</sub> g	WEATHER		Station								
																								21h.—03h.	03h.—09h.								
Boscombe Down	746	81919	58616	89506	854//	05717	84713	88620			746	81821	59616	80007	871//	07751	84702	88707			746	07031	00	r <sub>o</sub> r <sub>o</sub> rr	rrr <sub>o</sub> r <sub>o</sub> dr	Boscombe D							
Hurn	862	81814	65601	89507	854//	06721	85712	88617			862	81918	40636	81109	871//	08745	84702	88703			862	11032	03	r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> rrR	Hurn							
Thorney Island	871	81717	74022	91907	7567/	05707	87649	88358			871	81823	59636	83207	873//	07752	84706	88708			871	06061	00	r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> rr	Thorney Islan							
Manston	797	61806	58021	93503	20931	02108	82360	85075			797	81723	60612	86406	853//	05748	83707	88611			797	92021	51	+	r <sub>o</sub> r <sub>o</sub>		Manston						
Gatwick	776	82010	59031	92006	8097/	04805	88362				776	81817	50636	84107	873//	06749	84708	88710			776	08041	00	r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> rrdr	Gatwick							
Kew	775										775	81813	59616	82107	873//	06750	87708	88710			775	04042	01	rrr <sub>o</sub> r <sub>o</sub>	rrr <sub>o</sub> r <sub>o</sub>	Kew							
Heathrow	772	71506	58031	91405	25632	03803	82630	86359	86075		772	81619	59616	82307	873//	06756	82709	87710	88712		772	04051	02	r <sub>o</sub> r <sub>o</sub>	rrr <sub>o</sub> d <sub>o</sub> r <sub>o</sub> rr <sub>o</sub> dr	Heathrow							
Honington	586	11907	21101	91503	00902	03303	81075				586	81620	40636	83606	873//	05750	86707	88709			586	07031	01	r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> rrRr <sub>o</sub> r <sub>o</sub>	Honington							
Wattisham	590	31910	20101	92003	00901	03207	83075				590	81618	50616	84705	872//	05748	86705	88708			590	07032	01	+	r <sub>o</sub> r <sub>o</sub> RRrr	Wattisham							
Gorleston	497	01907	32101	91405	00900	04205					497	81622	62601	86306	856//	04738	88640				497	02042	01	+	ir <sub>o</sub> r <sub>o</sub> rr	Gorleston							
Aberporth	502	81632	62586	81206	4747/	05746	84710	88459			502	82407	58586	75808	853//	08719	81708	85712	88620		502	09051	03	ir <sub>o</sub> rrrd <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> d <sub>o</sub> rr	Aberporth							
Ross-on-Wye	627										627	81412	48626	76408	8042/	07727	88510				627	07051	50	+	rrr <sub>o</sub> rr	Ross-on-Wye							
Filton	628	81708	48636	87807	854//	04719	84711	86623	88639		628	81615	37636	77609	872//	08849	84704	86708	88712		628	11052	04	r <sub>o</sub> rrr <sub>o</sub> ir <sub>o</sub>	ir <sub>o</sub> rrd <sub>o</sub> r <sub>o</sub> d <sub>o</sub> dr	Filton							
Rhoose	715	81214	57656	86107	854//	05829	86712	88616			715	81209	50606	76308	7722/	08847	83705	87709	88557		715	13032	04	r <sub>o</sub> r <sub>o</sub> RRr <sub>o</sub>	r <sub>o</sub> ir <sub>o</sub> irrr <sub>o</sub>	Rhoose							
Chivenor	707	81315	69606	84209	854//	06735	86616	88623			707	81816	56516	75811	854//	10747	84712	88618			707	03061	05	r <sub>o</sub> r <sub>o</sub>	ir <sub>o</sub> d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r	Chivenor							
Mount Batten	827	81818	48616	86108	874//	08831	88710				827	82229	40616	78311	872//	11737	88704			827	14081	06	RRrr	rrR	Mount Batten								
St. Mawgan	817	81623	37616	83708	870//	08730	85701	88703			817	82323	58616	76711	872//	11736	83703	88705			817	07071	06	rrr <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> d <sub>o</sub> rrir <sub>o</sub>	St. Mawgan							
Scilly	804	82413	24606	83211	873//	11719	88708				804	82718	48616	77809	872//	09632	88705			804	09082	07	r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> rrr <sub>o</sub>	Scilly								
Culdrose	809	82118	17616	84009	5712/	09728	84702	88540			809	82435	12636	77811	5712/	11738	82702	83704	88520		809	10072	05	rrr <sub>o</sub> r <sub>o</sub> rr	rrr <sub>o</sub> r <sub>o</sub>	Culdrose							
Guernsey	894	81729	62616	90307	872//	07828	83705	85708	87711		894	82220	16626	84210	870//	10624	85700	88701			894	13072	06	r <sub>o</sub> r <sub>o</sub> rr	r <sub>o</sub> r <sub>o</sub> rrrd <sub>o</sub> r <sub>o</sub>	Guernsey							
Elmdon	534	81912	58602	88405	6552/	03709	86629	88558			534	81717	56656	78307	872//	06754	83705	88707			534	15032	02	ir <sub>o</sub> rrrr <sub>o</sub> r <sub>o</sub>	rrRR	Elmdon							
Cardington	559	81606	56051	90205	8097/	03705	88365				559	81515	59636	81507	874//	06748	86710	88714			559	07041	02	r <sub>o</sub> r <sub>o</sub> r	r <sub>o</sub> r <sub>o</sub> rr	Cardington							
Wittering	462	52008	14284	89803	20915	03802	82465	85272			462	81716	32656	81106	872//	05746	82705	85707	88710		462	09022	52	ffr <sub>o</sub> r	r <sub>o</sub> r <sub>o</sub> rrRRr	Wittering							
Watnall	354	71908	56044	88304	30978	03709	83365	87272			354	81715	59636	78806	872//	05751	83705	85706	88709		354	15032	50	r <sub>o</sub> r <sub>o</sub> f	rrRR	Watnall							
Shawbury	414	81910	61616	86405	6542/	03715	82714	86628	88542		414	81706	59656	76607	6742/	06743	86710	88512			414	09042	50	r <sub>o</sub> rrr <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> rrrr <sub>o</sub> RRr	Shawbury							
Finningley	360	71805	17101	87903	00908	02706	87272				360	81713	59636	78905	873//	05869	83707	88709			360	06031	02	+	r <sub>o</sub> r <sub>o</sub> rrr	Finningley							
Kilnsea	396	81912	16104	89003	8092/	03802	88460				396	81730	32646	81505	854//	05767	84715	88630			396	05022		ff	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> irrr	Kilnsea							
Leeming	257	91710	03477	86503	9//	02609	8901				257	81718	37616	77505	872//	04749	88703			257	04022	50	iffr <sub>o</sub>	ffr <sub>o</sub> r <sub>o</sub> rr	Leeming								
Tynemouth	262	82110	48101	85603	8097/	03812	88358				262	81821	58606	77005	8072/	04750	88550			262	03032	51	+	ir <sub>o</sub> rr	ir <sub>o</sub> rr	Tynemouth							
Carlisle	222	81610	62031	83805	3561/	03819	83630	88463			222	81714	58636	74605	854//	03742	81714	85619	88625														



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

39875

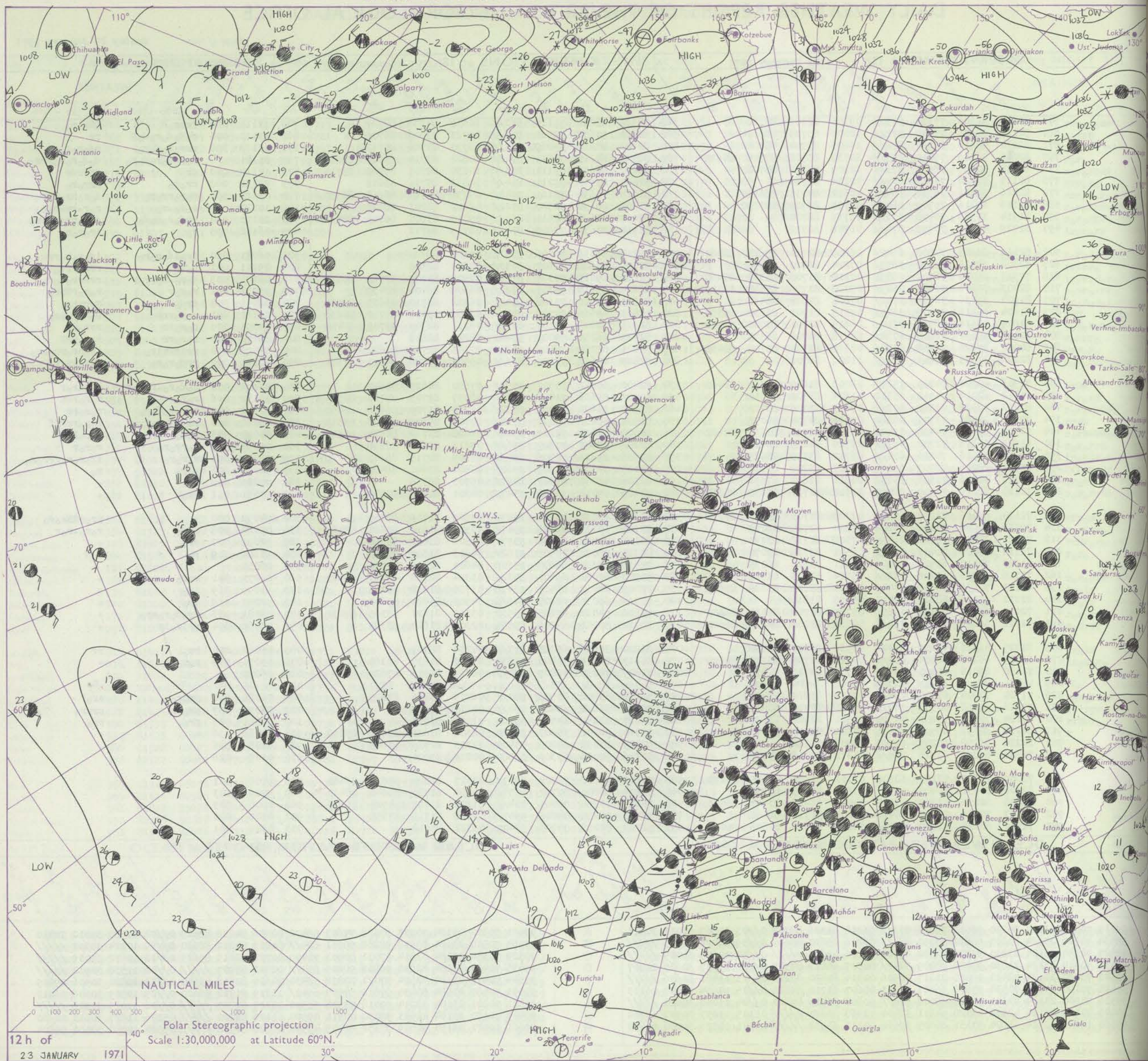
Date of Issue      Sunday 24 January 1971

[illegible]

s. Mer. 0. All times of observation printed in this publication are GREENWICH MEAN TIME.

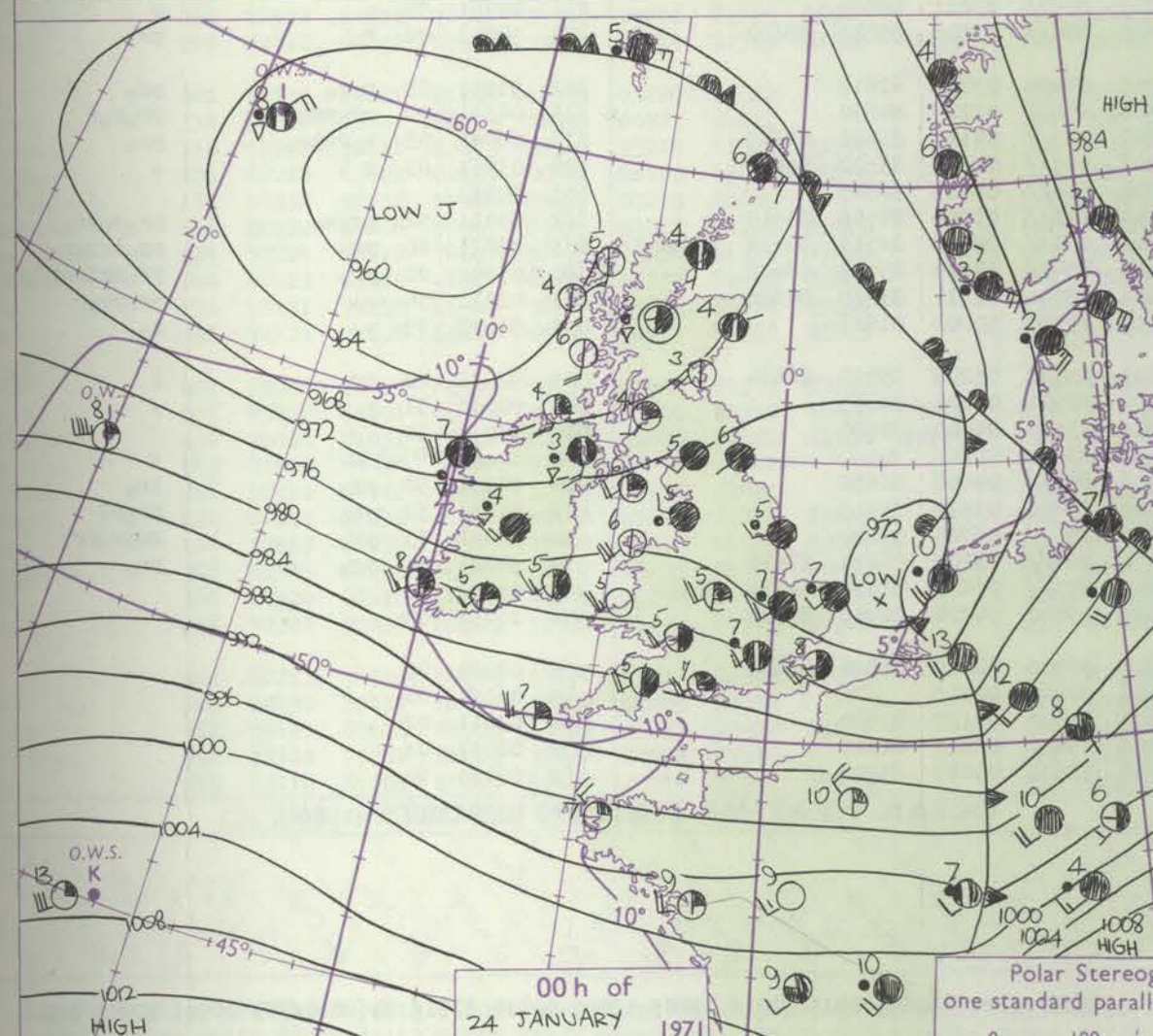
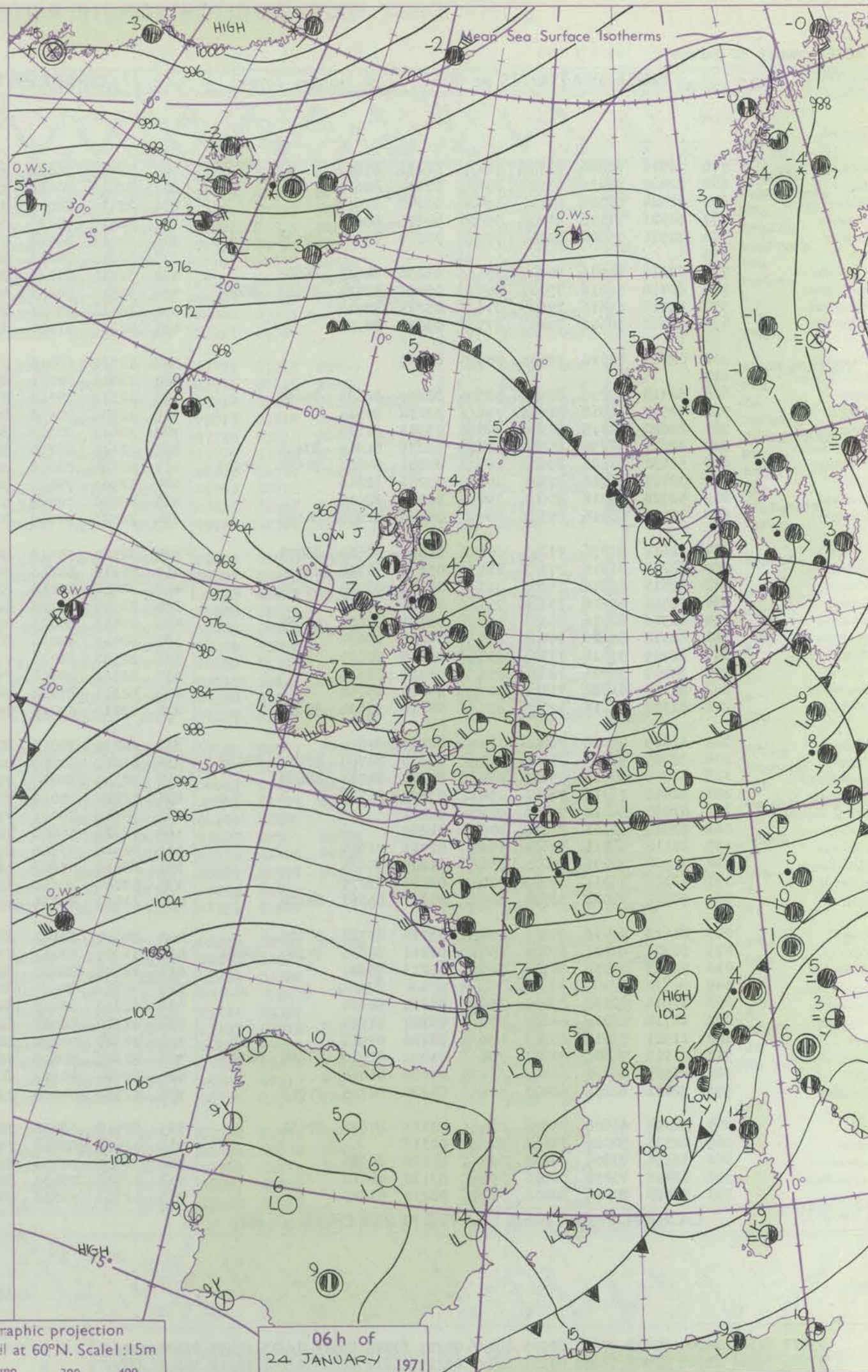
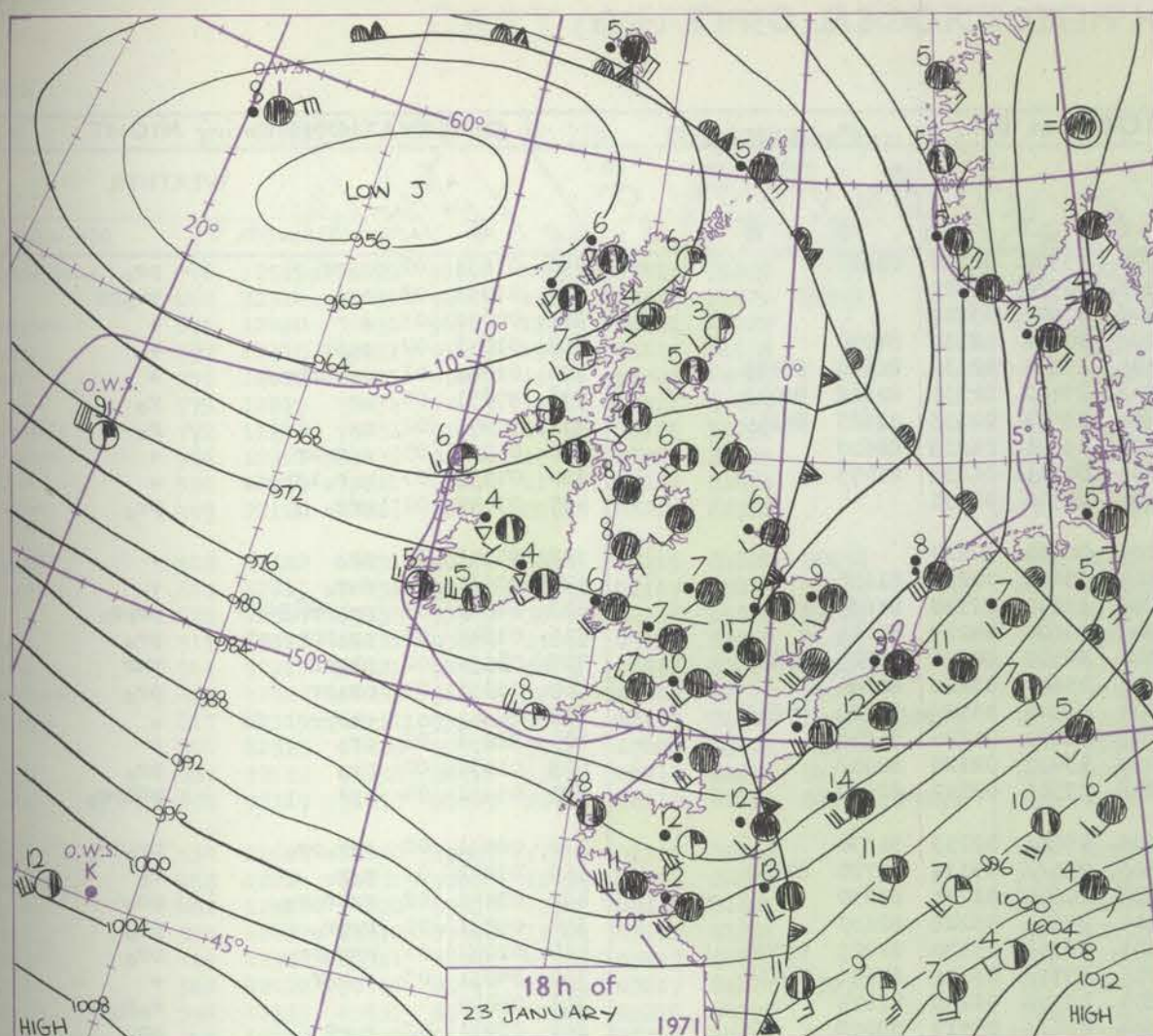


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 24 January 1971

The depression which yesterday was south of O.W.S. 'I' has filled somewhat and become complex in the area between Scotland and Iceland with the main centre west of Scotland and moving northeast. The associated frontal system has been swept well away towards the east in the very strong southwesterly flow south of the

centre. A deepening and fast-moving depression in mid-Atlantic is expected to reach southwest England later tonight, with a frontal trough moving well ahead of the centre and crossing southern parts of Britain this evening.



## Station

StationStation

H.M.S.O. Press, Met.O. No. All times of



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

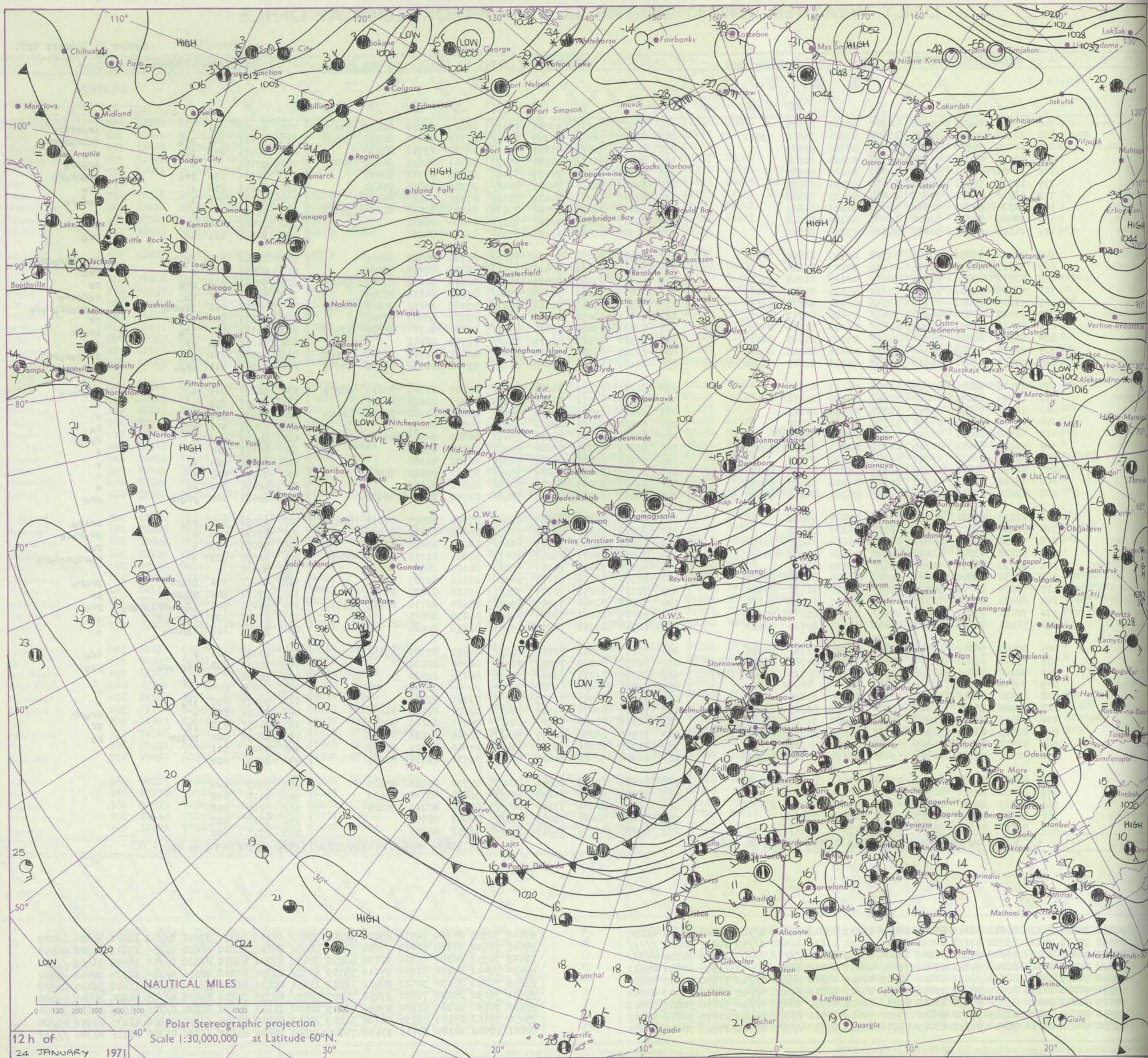
No. 39876

Date of Issue Monday 25 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		24 January 1971										24 January 1971																			

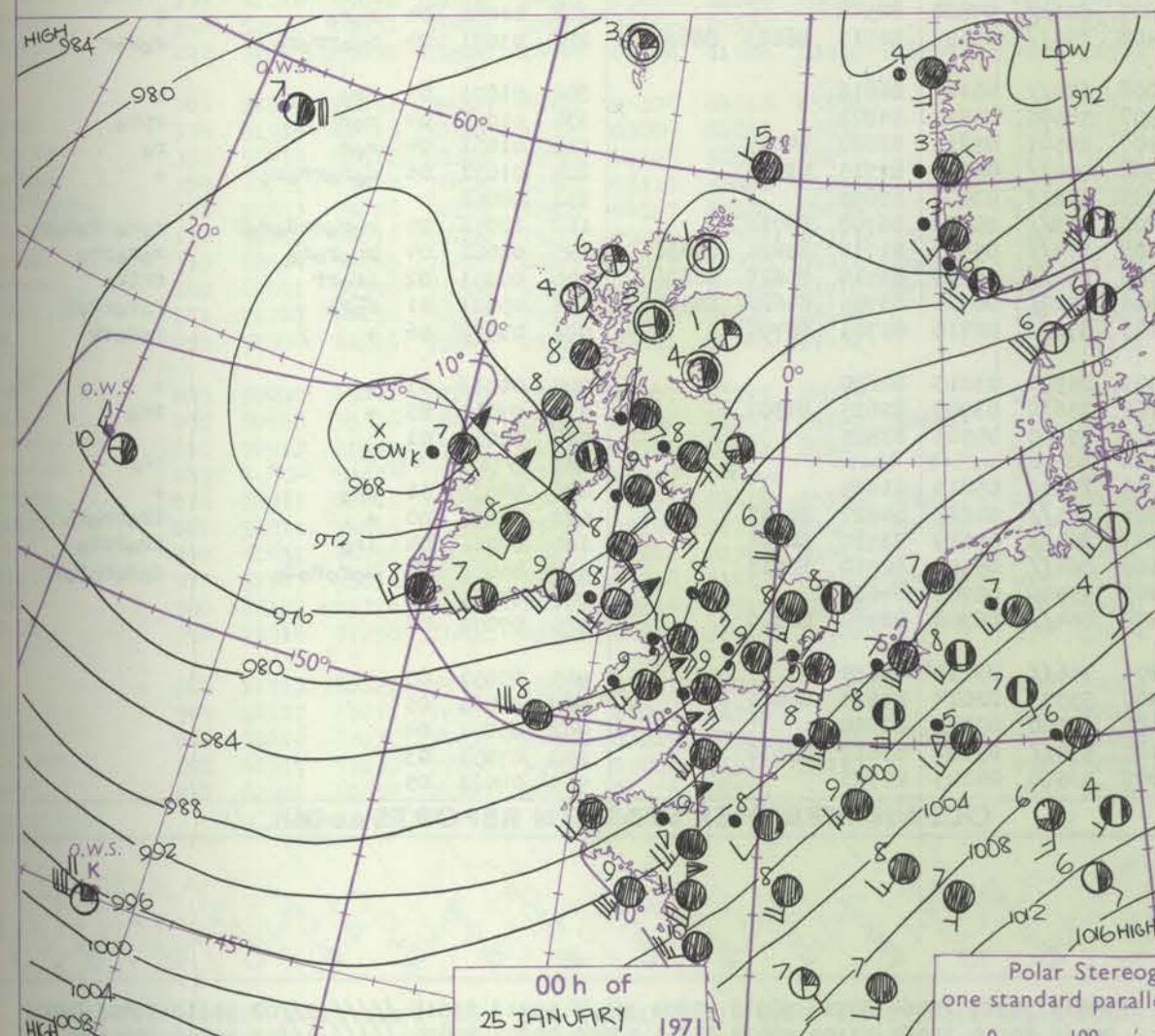
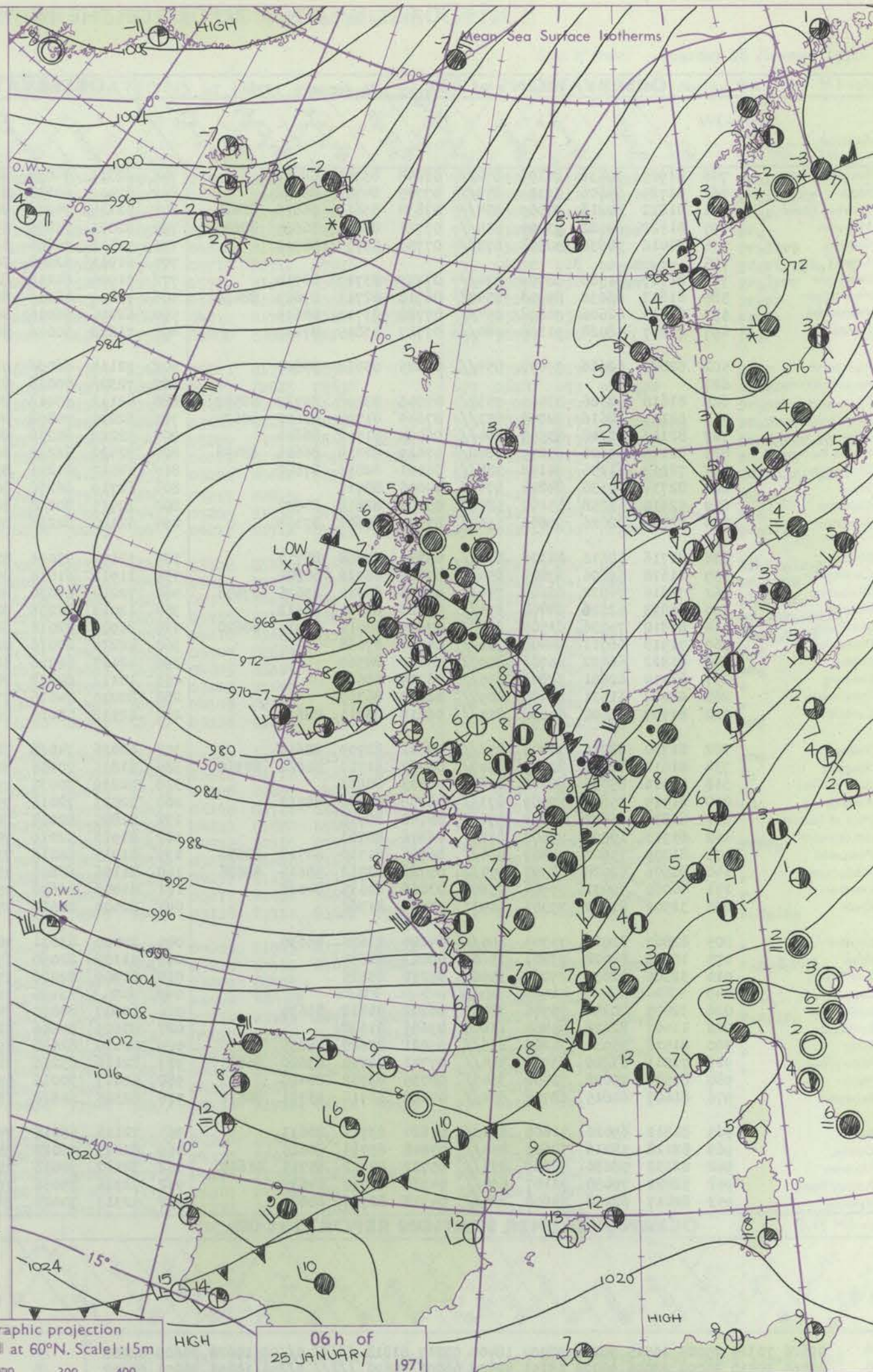
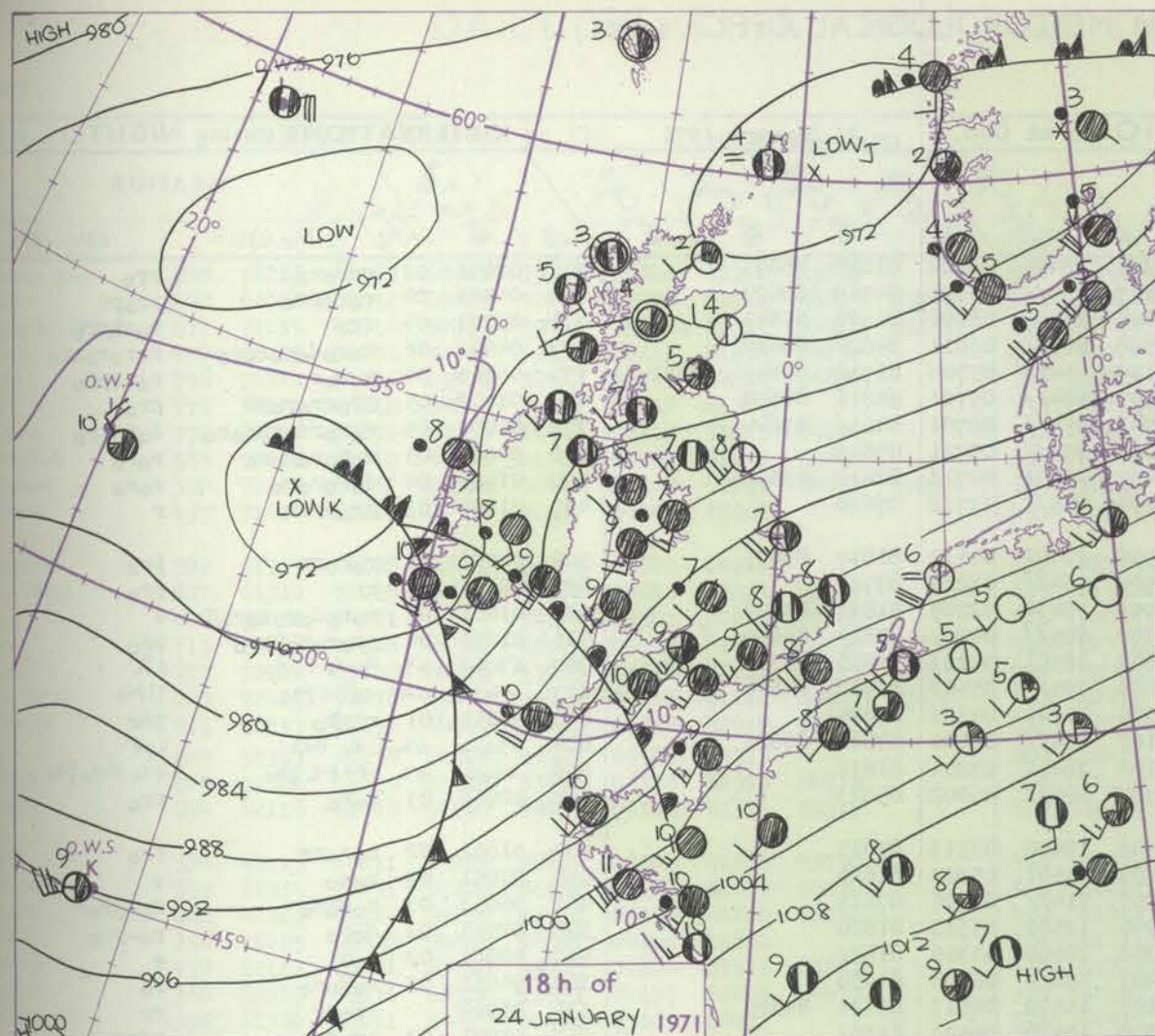


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

The extremely mobile southwesterly pattern across the Atlantic to the British Isles continues, with further troughs and wave depressions moving northeast along it. The low off western Scotland yesterday morning moved east across Scotland during the day then northeast across Norway. A low complex about 600 miles west of Ireland moved quickly eastwards and is now centred off northwest Ireland. By tomorrow morning it is expected over the northern North Sea. Its associated cold

front moved quickly across the British Isles clearing the east coast of England this morning but trailing back in the north to the low off northwest Ireland. A further developing depression now approaching the central north Atlantic, moving quickly east-northeast, is expected about 300 miles west-southwest of Ireland by tomorrow morning.

Issued at midday Monday 25

January 1971



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

No. 39877

Code FM	I.I.D	OBSERVATIONS at 00h. 25 January 1971										OBSERVATIONS at 06h. 25 January 1971										OBSERVATIONS during NIGHT					Code FM
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station			
																						21h.—03h.	03h.—09h.				
Boscombe Down	746	81929	50636	86108	872//	08844	85705	88707		746	62311	74038	86305	28401	04004	81818	85075		746	02041	02	rrrrro,		pro	Boscombe		
Hurn	862	81724	65606	87309	853//	07745	84709	88616		862	82412	60818	87207	834//	05301	84918	88627		862	05061	04	roRorpro		propR	Hurn		
Thorney Island	871	81822	62212	90009	854//	07834	83614	86618	88620	871	52114	74216	88008	55500	06708	81620	85645		871	03061	04	rrro		roRrpro	Thorney		
Manston	797	81822	64582	93009	854//	07721	83614	86625	88640	797	82021	75605	89308	855//	06811	84620	88630		797	04061	06	doRorRorRorRor		rrrrroRro	Manston		
Gatwick	776	82018	58636	90308	873//	07733	83707	88710		776	72112	75606	88107	4547//	05704	81710	84645	87362	776	06062	04	roRor		roRrpro	Gatwick		
Kew	775									775	61911	62808	86707	684//	05701	84816	84630		775	01071	05	prorrrroPR		pro	Kew		
Heathrow	772	81717	61586	88709	874//	07733	83710	88714		772	71910	64216	86708	754//	06701	84616	87640		772	01071	05	roRorRdoRorRor		doRro	Heathrow		
Honington	586	81813	66032	89908	7542//	06718	82711	87623	88460	586	72014	66016	86008	754//	05711	87619		586	94061	05	roRorRorRor		roRro	Honington			
Wattisham	590	81913	62606	90608	854//	07720	83710	88614		590	62016	66016	86407	45401	04713	82618	83650		590	01052	04	doRorRor		roRro	Wattisham		
Gorleston	497	71817	58028	91108	784//	07717	83815	87630		497	71822	60016	86208	755//	05718	87620		497	01052	03	proPRrr		r		Gorleston		
Aberporth	502	82020	62616	79608	854//	07625	83618	88640		502	32114	66036	81506	12402	04110	81817	83075		502	04051	03	roRorr		pro	Aberporth		
Ross-on-Wye	627									627	72308	70026	83907	764//	03210	87715		627	02051	03	rr		pro		Ross-on-Wye		
Filton	628	81618	58586	83510	7532//	07746	83708	86712	88557	628	42112	66016	84906	28402	02205	81815	83070		628	01061	04	roRorRorRorRor		+	Filton		
Rhoose	715	82117	68616	82809	853//	07645	81708	83612	88620	715	62215	70808	84507	685//	04203	83824	86650		715	01051	04	irorRorRpro		pro	Rhoose		
Chivenor	707	82114	70218	83509	884//	06524	81712	88640		707	52212	80258	84807	28551	04103	81820	84360		707	03061	03	doRorRdo		PR	Chivenor		
Mount Batten	827	82128	59506	85209	6842//	07619	82818	86626	88458	827	72422	66298	86409	794//	05502	82918	84820		827	03061	04	trR+Pho		rlRro	Mount Batten		
St. Mawgan	817	72112	61256	84108	784//	06501	82816	87642		817	22512	61271	85506	22500	04305	82825		817	04051	01	rrpro		phr		St. Mawgan		
Scilly	804	82734	74136	84208	874//	04006	88712			804	62719	66258	86107	684//	06210	84818	86625		804	03072	02	ifo Prl		lPr	Scilly		
Culdrose	809	52610	64258	85107	58400	05304	82818	84622		809	22715	80018	86106	28400	03204	81818		809	06051	02	trR+Pho		PR Hto PRo		Culdrose		
Guernsey	894	82126	82026	90609	5567//	07527	85640	87358		894	62120	82258	89707	685//	05002	85823		894	02062	05	roRro		pro		Guernsey		
Elmdon	534	81716	58616	84108	873//	06833	83708	88710		534	12109	75016	83506	18400	03313	81815		534	01051	02	roRorr		iro		Elmdon		
Cardington	559	81618	59606	87809	854//	07825	86716	88624		559	11912	61016	85407	15501	05203	81620		559	92051	03	roRro		+		Cardington		
Wittering	462	71814	74022	86608	754//	06825	82714	83625	87656	462	72214	69036	84207	714//	05306	87818		462	96051	03	roRdo		doRoror		Wittering		
Watnall	354	81813	62026	84708	854//	07828	85710	88612		354	12013	80256	82706	12500	05313	81820		354	92051	02	doRro		ro-pro		Watnall		
Shawbury	414	81810	74036	81509	854//	07839	83710	85714	88620	414	21906	82016	81306	28500	04306	81822		414	02061	03	ror		+		Shawbury		
Finningley	360	71913	66011	84408	756//	06724	87638			360	42210	80016	81407	456//	06306	84638		360	94051	03	roRro		ro		Finningley		
Kilnsea	396	81822	66022	86706	8097//	05819	88360			396	42127	66016	82108	15570	06513	81625	84360		396	01062		irorr		rr		Kilnsea	
Leeming	257	81714	62601	82807	855//	06719	88620			257	12112	82018	78808	10930	05503	81362		257	01071	03	irorpro		rrpro		Leeming		
Tynemouth	262	62017	61021	82407	6097//	06812	86359			262	82010	74616	77407	8062//	07820	88540		262	01061	04	roRro		+		Tynemouth		
Carlisle	222	81707	56608	80008	854//	06818	83711	88637		222	82512	58026	76408	854//	05604	82713	86623	88630	222	03071	04	proRRro		roRor		Carlisle	
Valley	302	81730	62216	77008	853//	08642	82709	88616		302	62026	74018	78008	624//	05111	86816		302	01071	05	iro		+		Valley		
Ringway	334	81614	68026	82109	7547//	06732	81710	86622	88360	334	51811	70256	80507	58500	04210	84822		334	01061	04	ror		rpro		Ringway		
Squires Gate	318	81516	65036	80208	856//	07833	88638			318	52219	70036	79007	28501	05211	82820	84075		318	01061	04	ror		ro		Squires Gate	
Ronaldsway	204	81519	35606	77009	873//	08738	84708	88712		204	72023	72016	75908	754//	06305	81715	87635		204	01071	06	doRorrrro		+		Ronaldsway	
Mull of Galloway	131	81830	66602	74808	874//	08740	88715			131	71845	82016	71807	756//	03002	87640		131	02061							Mull of Galloway	
Eskdalemuir	162	81913	19506	79507	872//	06816	88703			162	81918	32216	75206	873//	05612	86708	88712		162	12051	05	roRorRdoRorR		roRorRdoRro		Eskdalemuir	
Prestwick	135	81309	75608	77607	854//	06724	81710	84713	88638	135	81915	66216	73208	854//	05509	81712	83624	88636	135	02061	04	proRorRor		roRorpro		Prestwick	
Abbotsinch	140	80606	62028	78307	854//	05722	82712	86614	88626	140	81106	68606	73708	854//	06615	83714	85622	88636	140	05051							



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

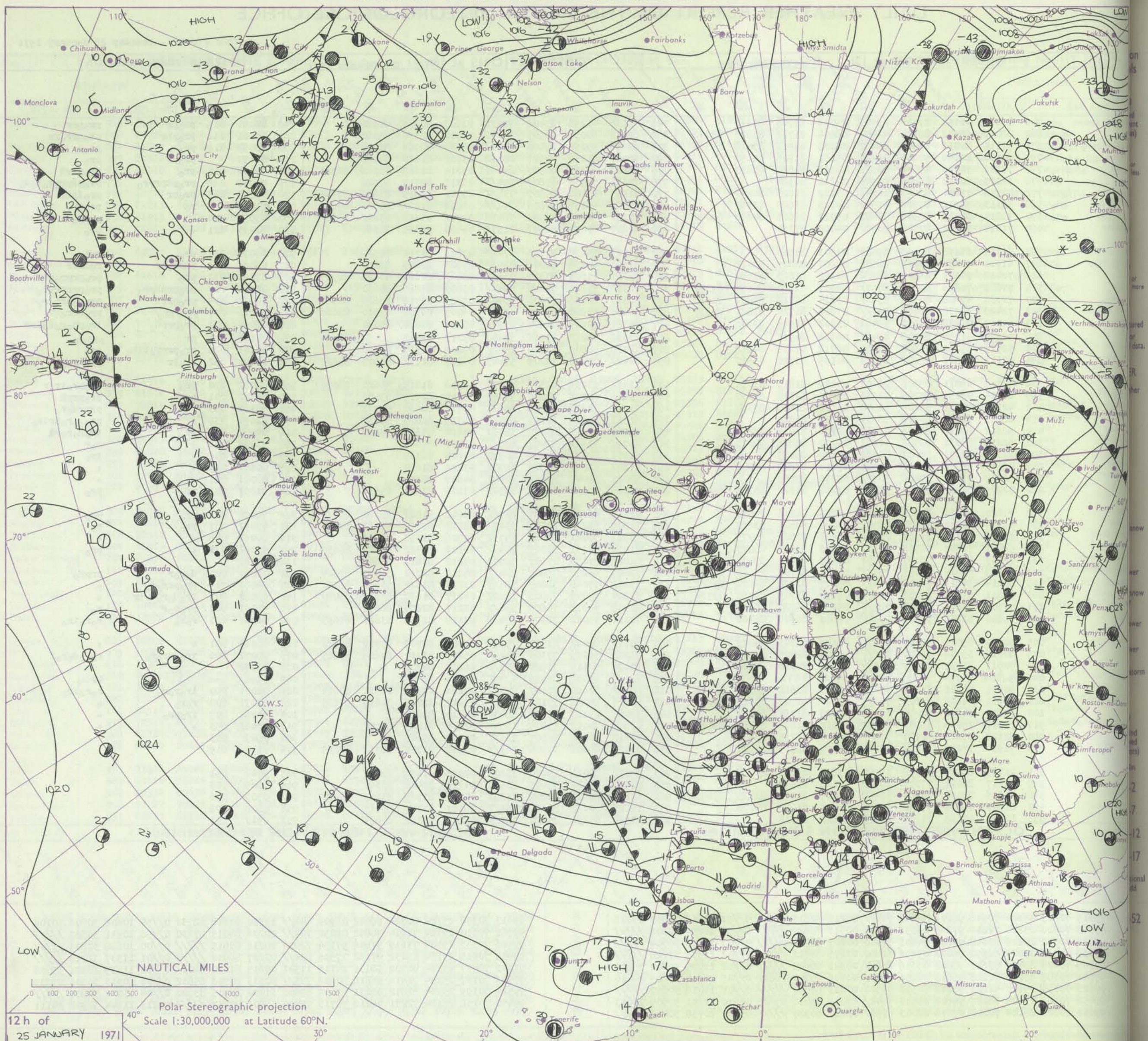
No. 39877

Date of Issue Tuesday 26 January 1971

Code FM I.L.D.		OBSERVATIONS at 12h. 25 January 1971										OBSERVATIONS at 18h. 25 January 1971										OBSERVATIONS during DAY				
Station		ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	ill	RRT x E	SSS	WEATHER			
																								09h.—15h.	15h.—21h.	
ro	Boscombe Down	746	72215	61158	87708	39463	05006	83915	85360		746	52518	61258	85406	39431	03503	82815	82920		746	06081	015	pr_o	pr_o	pr_o	
	Hurn	862	62016	68252	88609	42403	06004	81712	83825	85070	862	62318	60038	86507	25631	05500	82630	85360		862	07101	012	pr_o	pr_o	pr_o	
	Thorney Island	871	72114	40816	89907	69463	05108	85916	83818	85361	871	62216	59258	87408	4943/	05507	82916	83818		871	03092	018	pr_o	pr_o	pr_o	
	Manston	797	62213	82256	90607	59433	05211	81915	84650		797	62020	81252	88607	28562	03712	81820	84072		797	01091		pr_o	pr_o	pr_o	
	Gatwick	776	72312	70256	89808	785//	06110	84820	85630		776	62221	62258	86907	29463	05714	81615	83362	82925	776	03092	010	pr_o	pr_o	pr_o	
	Kew	775	32113	66018	88809	19543	03212	81922			775	72111	56958	85807	794//	05713	82712	87926		775	04092	028	pr_o	pr_o	pr_o	
	Heathrow	772	42016	75251	88609	14542	03112	81825	84070		772	71915	60808	85807	734//	05711	83915	83822	87635	772	05091	032	pr_o	pr_o	pr_o	
	Honington	586	52113	74012	87508	11582	04105	81820	83360		586	71813	69258	85806	794//	05813	81912	83622	87629	586	01091		ro	pr_o	pr_o	
	Wattisham	590	72214	64032	88308	58402	05007	82815	84650	85070	590	72112	56808	86706	5847/	04711	81712	83820	87360	590	05092	034	+	pr_o	pr_o	
Gorleston	497	71814	60022	87508	7097/	04400	87360			497	61817	60022	86907	2157/	04400	82825	86360		497	91091	021	+	pr_o	pr_o		
ro.	Aberporth	502	61719	66158	82406	59403	03503	84915			502	81715	56638	77705	1742/	05823	81712	88522		502	07071	017	pr_o	rrir	rrir	
	Ross-on-Wye	627	61910	70028	84808	38502	04603	82825	83072		627	81506	60036	82006	885//	04605	82825	88630		627	06082	013	pr_o	rrir	rrir	
	Filton	628	72012	74031	86109	785/2	04502	81823	87640		628	72011	61808	83307	735//	03803	82820	86628	82925	628	07092	032	pr_o	rrir	rrir	
	Rhoose	715	71808	70808	85507	6857/	04000	81820	86650	87362	715	82318	57628	82607	884//	05803	87816	88650		715	08091	017	pr_o	rrir	rrir	
	Chivenor	707	72108	69808	84508	59463	05814	81712	83656	82918	707	82323	62638	82408	7542/	05809	85716	86625	88540	707	08102	015	pr_o	rrir	rrir	
	Mount Batten	827	72429	62278	86408	794//	07810	81712	83820	85630	827	82435	58808	85609	893//	06009	83708	85910	88620	827	04101	017	pr_o	rrir	rrir	
	St. Mawgan	817	52217	64258	84907	39463	05812	82914	83631		817	82536	50639	84608	5557/	05002	85622	88360		817	07091	017	pr_o	rrir	rrir	
	Sally	804	52327	61258	84708	43401	06708	84915			804	32436	59216	87510	38400	05217	82815			804	04101	017	pr	rrir	rrir	
	Culdrose	809	52526	69259	85608	53400	06712	82915	84818		809	72738	58809	86509	794//	05209	81710	84920		809	03101	028	pr_o	rrir	rrir	
Guernsey	894	62118	62808	91807	694/3	06105	81710	85917		894	62424	70258	92209	59463	06217	82712	84917	85818	894	03101	032	pr_o	rrir	rrir		
ro	Elmdon	534	42113	66011	85308	28402	03109	81815	83070		534	71912	63256	82306	48432	03708	81815	84620	86070	534	02082	030	pr_o	rrir	rrir	
	Cardington	559	61914	78031	87208	38532	05007	82825	85070		559	51612	62028	84206	59462	05815	82915	83070		559	02102	041	pr_o	rrir	rrir	
	Wittering	462	42216	78021	86209	12570	05110	81820	83364		462	71914	74218	83706	656/1	04711	86630	85075		462	93101	033	+	rrir	rrir	
	Watnall	354	22215	66020	84608	18501	04209	81820		354	61811	62218	82106	685//	05715	82825	86633		354	02091	038	+	rrir	rrir		
	Shawbury	414	52112	83021	83608	49403	02406	81919	83821		414	51708	72018	80805	35530	04610	83628	83362		414	02081	019	pr	rrir	rrir	
	Finningley	360	62215	58031	83508	21531	04107	82825	84075		360	81710	61601	82407	855//	05707	88629			360	96091	058	+	rrir	rrir	
	Kilnsea	396	62320	65021	84607	00902	05109	86075		396	61915	62032	84606	60970	04605	86365			396	97082	042	+	rrir	rrir		
	Leeming	257	42112	66048	81408	32502	05210	81825	83840		257	21202	62041	81905	15701	03202	81650			257	00091	055	+	rrir	rrir	
	Tynemouth	262	52018	61031	79408	5097/	05210	85359		262	22011	48041	81406	20940	04109	82359			262	00081	021	+	rrir	rrir		
Carlisle	222	72215	80032	78508	18546	03208	81822	83360	86270	222	71905	66258	80207	6854/	03106	83822	85632		222	91091	001	pr_o	rrir	rrir		
ro	Valley	302	71820	66252	80009	68402	06106	84816	85630		302	71411	66028	78007	28562	05602	81820	83360	85070	302	92091	020	pr_o	rrir	rrir	
	Ringway	334	41914	62018	82608	48502	03004	82820	83630		334	71609	58218	80507	5547/	03813	81712	85618	87360	334	97091	037	pr_o	rrir	rrir	
	Squires Gate	318	51916	68022	81309	28508	05105	81825	83075		318	51512	50041	80005	25732	04706	82650	84073		318	00091	045	+	rrir	rrir	
	Ronaldsway	204	62021	72012	78709	32502	06113	83820	85073		204	71510	80251	79107	784//	06109	83712	84820	86630	204	91091	032	+	rrir	rrir	
	Mull of Galloway	131	72033	74026	76107	32502	04317	83820	87070		131	51820	81258	77307	58500	04210	81820	85640		131	01081			rrir	rrir	
	Eskdalemuir	162	72119	66016	77206	752//	05210	82704	85713	87625	162	72008	64258	79805	784//	04212	82710	85817	87624	162	01061	000	pr_o	rrir	rrir	
	Prestwick	135	82114	59818	76206	883//	05217	81708	84816																	

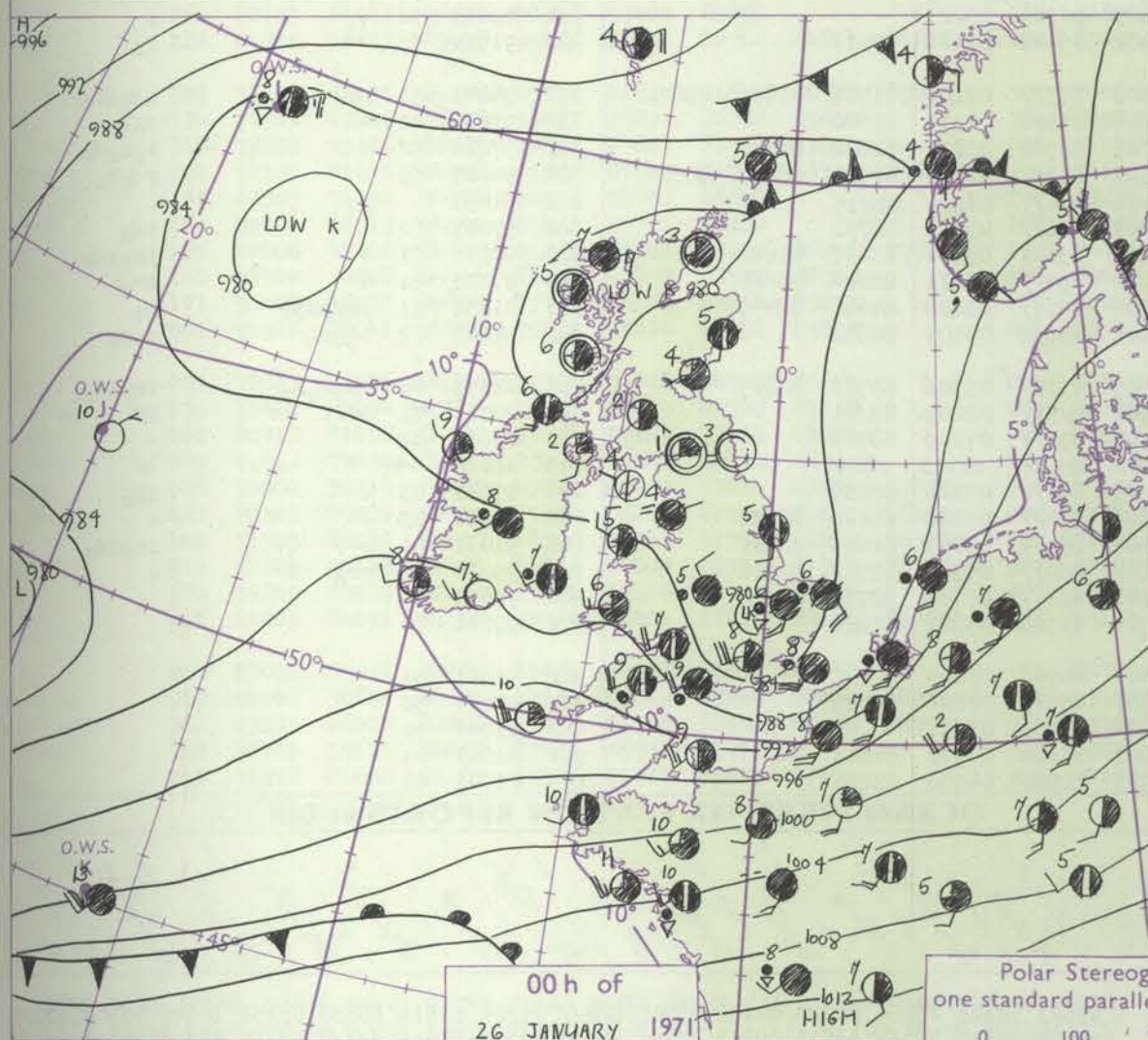
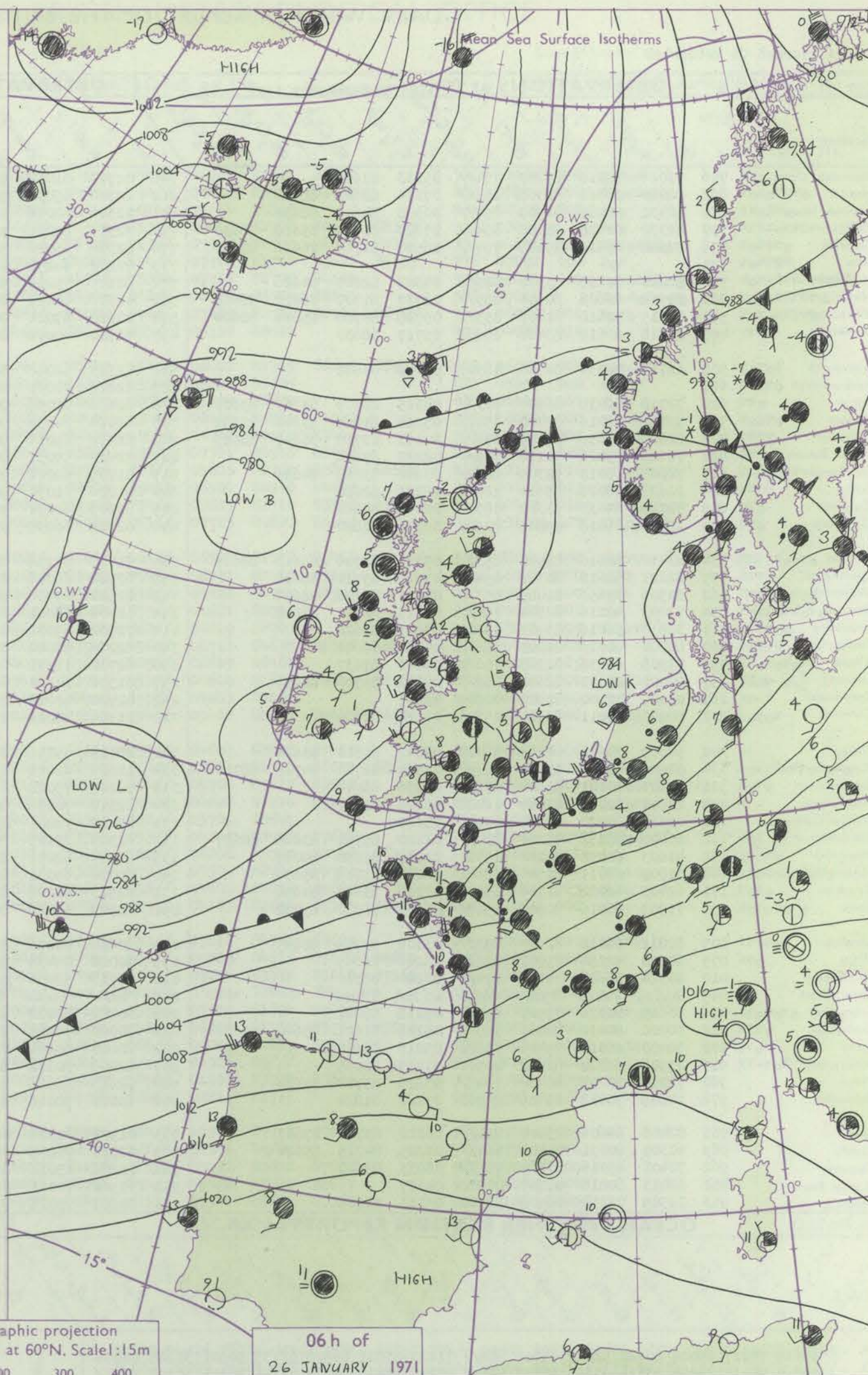
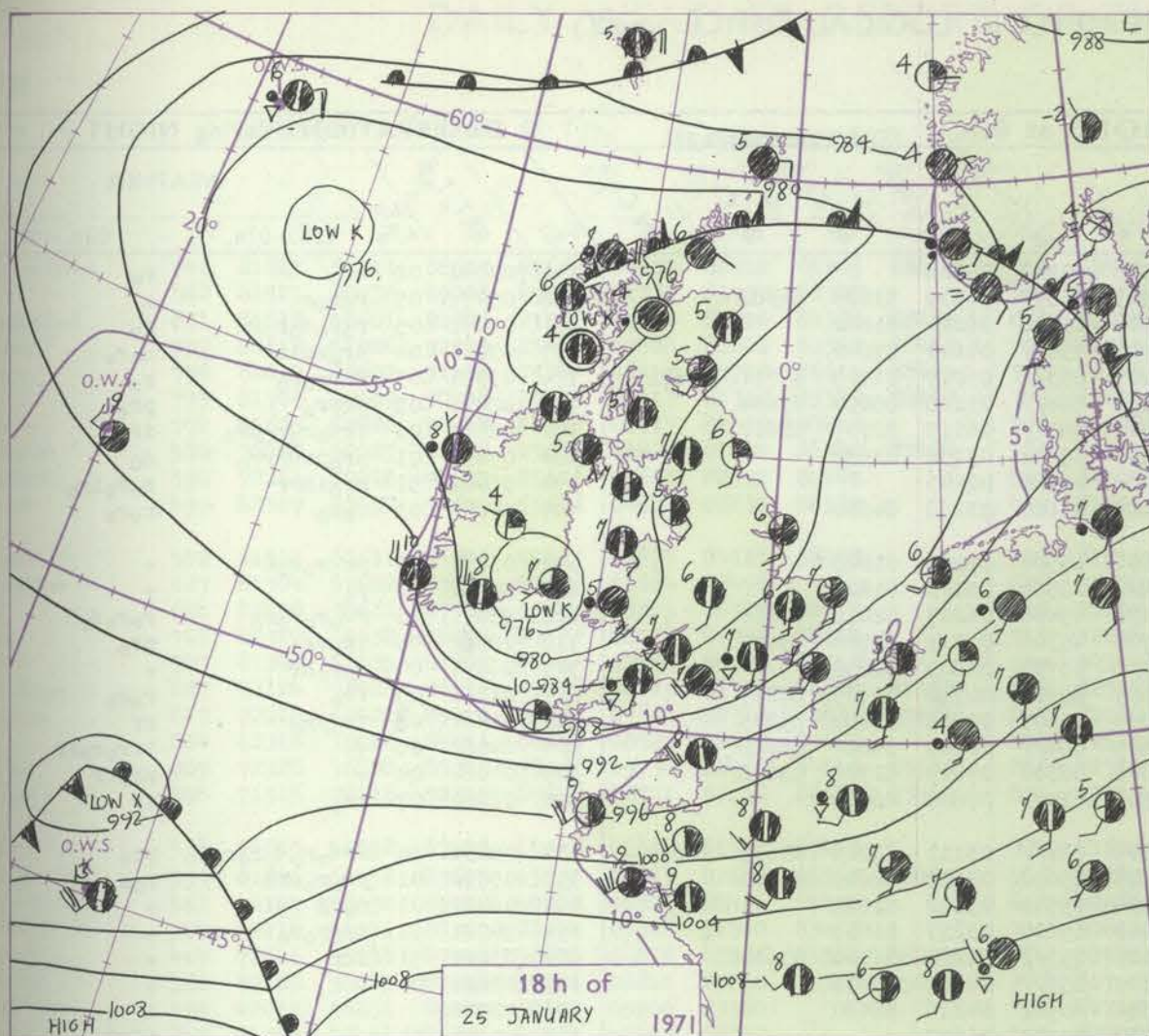


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

The mobile southwesterly pattern across the Atlantic to the British Isles continued. A depression to northwest of Ireland remained rather slow-moving while a vigorous secondary developed over southern Ireland and moved rapidly eastwards into the southern North Sea during the evening and night. A further depression in the west

Atlantic moved steadily eastwards towards the Southwest Approaches. This depression is expected to move eastwards across England and Wales during the next 24 hours absorbing the old centre to northwest of Ireland.

Issued at midday Tuesday 26

January 1971



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

No. 39878

OBSERVATIONS at 00h. 26 January 1971											OBSERVATIONS at 06h. 26 January 1971											OBSERVATIONS during NIGHT					Code FM
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> s	8N <sub>s</sub> Ch <sub>s</sub> s	8N <sub>s</sub> Ch <sub>s</sub> s		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> s	8N <sub>s</sub> Ch <sub>s</sub> s	8N <sub>s</sub> Ch <sub>s</sub> s			iii	RR <sub>T</sub> T <sub>n</sub> F	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station
																									21h.—03h.	03h.—09h.	
Boscombe Down	746	73026	59218	85807	754//	05333	87616				746	02513	61016	91706	00900	05208						746	02041	02	rr <sub>o</sub>	ro	Boscombe
Hurn	862	82420	58618	88309	3552/	07234	83620	88462			862	62310	65036	92909	3557/	06309	83625	86362				862	05071	05	ro <sub>o</sub> ro <sub>r</sub>	+	Hurn
Thorney Island	871	82432	58588	86909	854//	06308	84615	88630			871	12316	62016	92908	15600	06210	81640				871	03071	05	ro <sub>o</sub> ro <sub>o</sub> ro <sub>r</sub>	ro	Thorney	
Manston	797	82330	60628	85308	854//	07823	81712	85616	88630		797	72513	82036	91907	756//	04140	87640				797	03061	04	pr <sub>o</sub> rrir	do <sub>o</sub> ro	Manston	
Gatwick	776	72324	65616	85408	754//	06507	81712	86616	87620		776	82310	65026	92207	853//	06019	81709	85714	88621			776	03051	03	Rrrrro <sub>o</sub>	ro	Gatwick
Kew	775										775	72207	74258	91107	784//	05118	85814	87624				775	02071	05	pr <sub>o</sub> pr <sub>o</sub>	pr <sub>o</sub>	Kew
Heathrow	772	52428	80258	83308	58500	05507	82820	84626			772	82111	75212	91007	853//	06115	82709	88617				772	02061	05	ir <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub>	ir <sub>o</sub>	Heathrow
Honington	586	81912	62808	80606	883//	06737	81707	86812	88618		586	42511	64018	89205	35601	03138	83635				586	07031	01	pr <sub>o</sub> pr <sub>o</sub> Rrrro <sub>o</sub>	do	Honington	
Wattisham	590	82015	50618	81407	853//	05738	84708	85614	88624		590	02612	69026	90104	00900	02143					590	05022	51	pr <sub>o</sub> iRrr	ro <sub>o</sub> ro <sub>o</sub> ir <sub>o</sub>	Wattisham	
Gorleston	497	81718	60616	83406	856//	05717	88630				497	42512	60016	88405	45600	03258	84630				497	04042	03	ro <sub>o</sub> ro	ro <sub>o</sub> ro	Gorleston	
Aberporth	502	62715	74036	86706	48501	05283	84825				502	12313	62018	88806	15500	05006	81625				502	01051	03	pr <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub>	+	Aberporth	
Ross-on-Wye	627										627	22211	70021	88908	28500	05103	81825				627	91061	01	ro	+	Ross-on-Wye	
Filton	628	72718	66038	86507	753//	04365	82709	84713	87621		628	62416	62056	90408	65400	06207	82618	86636				628	93071	05	rd <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub>	ro <sub>o</sub> ro <sub>o</sub> do	Filton
Rhoose	715	72722	68016	87407	3547/	05268	81615	83640	87359		715	42414	64036	90708	45300	07211	81706	83617				715	02061	05	ir <sub>o</sub> rrro	pr <sub>o</sub>	Rhoose
Chivenor	707	82824	62636	89309	854//	07163	83710	85617	88623		707	22412	69016	90708	15730	06809	81650				707	06071	04	ro <sub>o</sub> ro <sub>o</sub> Rr	+	Chivenor	
Mount Batten	827	72625	59026	92110	725//	08242	87826				827	72410	59031	92309	35502	08715	83625	87075				827	01081	05	ir <sub>o</sub>	ro <sub>o</sub> ro	Mount Batten
St. Mawgan	817	72625	62018	92309	6847/	07241	83815	84630			817	31709	62011	91807	15608	05815	81630	83275				817	01061	03	ir <sub>o</sub> pro	rr	St. Mawgan
Scilly	804	22623	66026	93610	22400	08226	82818				804	81806	61031	90609	884//	08729	84812	88628				804	04082	06	+	ir <sub>o</sub> ro <sub>o</sub> rrr	Scilly
Culdrose	809	52723	64038	93309	58500	06240	84820				809	52105	62031	92008	58300	07815	81708	83622				809	04082	04	+	pr <sub>o</sub> rr	Culdrose
Guernsey	894	22428	66018	95809	22500	06326	82820				894	62112	66038	95508	624//	07808	86818				894	02082	07	pr <sub>o</sub>	ir	Guernsey	
Elmdon	534	83410	58616	82405	853//	04323	83706	86613	88617		534	71705	82256	88805	784//	03111	83813	84619	86629			534	02031	50	rr <sub>o</sub> ro <sub>o</sub> do <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub>	pr <sub>o</sub>	Elmdon
Cardington	559	82221	58618	80308	854//	07525	85711	88631			559	62110	66036	89605	25632	03119	82645	86070				559	05032	01	pr <sub>o</sub> ro <sub>o</sub> rrr	ro <sub>o</sub> ro	Cardington
Wittering	462	83506	37656	81005	853//	05511	83708	88616			462	12510	69016	88904	15500	03122	81625				462	06031	01	ro <sub>o</sub> rr	+	Wittering	
Watnall	354	73003	48216	82504	754//	04315	82710	87615			354	12408	60011	88404	15600	03217	81635				354	94021	51	ir <sub>o</sub> ro <sub>o</sub> ro	+	Watnall	
Shawbury	414	32810	56216	83904	35500	03247	83628				414	72702	69031	88105	753//	04210	83708	87614				414	03021	51	rrr <sub>o</sub>	+	Shawbury
Finningley	360	80000	60026	82204	856//	04312	88640				360	82206	58042	87305	856//	04121	88634				360	00021	00	+	+	Finningley	
Kilnsea	396	71908	63036	82105	756//	04606	87637				396	62712	16101	86804	6091/	04226	86460				396	00041		+	+	Kilnsea	
Leeming	257	80000	23041	82605	853//	04212	85706	88635			257	01501	14101	86502	00900	01217					257	00001	54	+	ffif	Leeming	
Tynemouth	262	00000	32100	82903	00900	03311					262	02708	61010	85403	00900	00213					262	00011	52	+	+	Tynemouth	
Carlisle	222	20000	56011	83301	25600	01224	82640				222	31305	58011	85402	35400	01106	82617				222	91511	55	+	ro	Carlisle	
Valley	302	52809	74038	84205	58400	04242	83811	83624			302	82415	69011	86308	853//	07103	81708	83616	88621			302	94041	51	pr <sub>o</sub>	id <sub>o</sub> ir <sub>o</sub>	Valley
Ringway	334	80000	50041	83205	863//	03331	82707	84708	88710		334	11607	62011	87604	15500	02113	81620				334	97031	01	+	do <sub>o</sub> do	Ringway	
Squires Gate	318	80601	30101	83604	856//	03236	88646				318	52108	75022	86605	58500	05110	82820	84641				318	97021	52	+	ro <sub>o</sub> ro <sub>o</sub> do	Squires Gate
Ronaldsway	204	12801	82011	83404	16400	03228	81712				204	82312	70036	86107	862//	06203	81704	86707	88708			204	94021	52	+	rd <sub>o</sub> ro	Ronaldsway
Mull of Galloway	131	02310	04020	82306	00900	05127					131	82014	78201	83406	874//	06101	88715				131	91051				Mull of Galloway	
Eskdalemuir	162	80000	59031	83201	884//	01220	85711	83820	88627																		



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

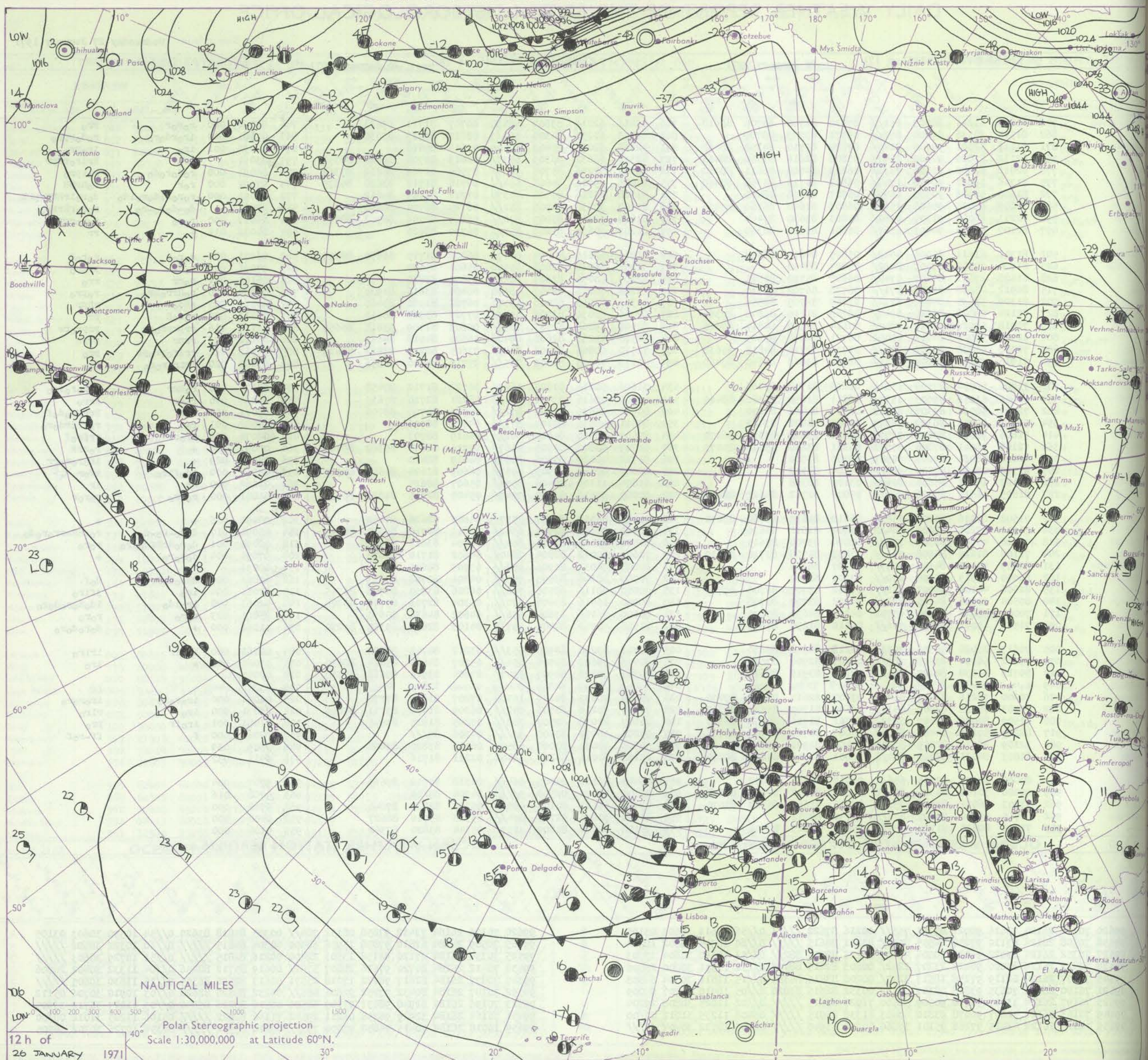
No. 39878

Date of Issue Wednesday 27 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY											
		26 January 1971										26 January 1971																					
Station		iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RRT T + F	SSS	WEATHER										
																						09h.—15h.										15h.—21h.	
09h.	Boscombe Down	746	81813	61211	88507	851//	07830	82702	85705	88618	746	52411	62216	83807	45430	06707	81711	83622		746	04091	000	r <sub>o</sub> r <sub>o</sub> r		rr <sub>o</sub>								
	Hurn	862	81511	20536	89008	872//	08731	83703	88705		862	62313	65256	84309	594/3	08610	83915	83630		862	05101	000	ir <sub>o</sub> rd <sub>o</sub> r <sub>o</sub>		rd <sub>o</sub> r <sub>o</sub> r <sub>o</sub>								
	Thorney Island	871	81611	58601	90708	2147/	07824	82710	84358	88462	871	52118	62026	85409	58400	07614	85818		871	02092	001	ir <sub>o</sub>		ir <sub>o</sub> r <sub>o</sub>									
	Manston	797	82112	61026	92309	2547/	07808	82616	83360	88463	797	82313	66632	86309	6537/	08613	82708	86620	88357	797	03091	000	ir <sub>o</sub>		Rr <sub>o</sub> ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r								
	Gatwick	776	82010	62602	91408	7532/	06813	84708	86611	88460	776	72212	62256	85708	7237/	07506	81709	86812	87362	776	04091	000	r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> d <sub>o</sub>		r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>								
	Kew	775	81706	59602	90408	1747/	06813	81712	83358	88460	775	61806	59216	84608	654//	07710	81710	83620	85635	775	07092	000	r <sub>o</sub> r		r <sub>o</sub> Rr <sub>o</sub> R								
	Heathrow	772	81608	59026	90508	1577/	06817	81656	88460		772	41808	65216	84508	45370	07712	81709	84612		772	09091	000	r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> id <sub>o</sub> r <sub>o</sub> id <sub>o</sub>		d <sub>o</sub> r <sub>o</sub> irRRr <sub>o</sub> r <sub>o</sub> Pr								
	Honington	586	72007	62025	90508	1567/	06803	81640	86360	87464	586	81507	32636	84907	852//	06725	86704	88650		586	07081	000	d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub> -r <sub>o</sub>		r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> Rrr <sub>o</sub> r <sub>o</sub>								
	Wattisham	590	72211	60026	91207	2562/	05803	82630	87464		590	81809	32616	85007	870//	07629	82701	86702	88705	590	06082	000	r <sub>o</sub> r <sub>o</sub>		r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>								
	Gorleston	497	82107	57032	90607	6567/	06801	86630	88360		497	81207	50636	85607	855//	06730	88625			497	04082	014	+			rr							
	Aberporth	502	81311	61611	85006	4542/	05825	84615	88458		502	81911	62616	80407	6547/	06002	81715	86650	88459	502	06071	000	r <sub>o</sub> r <sub>o</sub> r		r <sub>o</sub> r <sub>o</sub> r								
	Ross-on-Wye	627	81704	57602	87007	8092/	05824	88458		627	51908	66028	81808	55500	05601	85625			627	07091	000	r <sub>o</sub> RR		rr <sub>o</sub> r <sub>o</sub>									
	Filton	628	81408	37631	87407	5742/	06625	85712	88525		628	22107	58056	82607	28500	05804	82820		628	06101	001	r <sub>o</sub> rr		rr <sub>o</sub>									
	Rhoose	715	80912	45638	86007	871//	06738	86702	88710		715	42208	70256	82407	43400	06400	83816	81920		715	08092	000	r <sub>o</sub> Rrr <sub>o</sub> Rr <sub>o</sub>		r <sub>o</sub> Pr <sub>o</sub>								
	Chivenor	707	81309	58635	84809	6732/	07744	86709	88556		707	32309	66018	82408	19570	06702	81920	83460		707	06111	005	rRd <sub>o</sub> r		rRr <sub>o</sub> r								
	Mount Batten	827	72124	59026	86610	6547/	08729	81710	86640	87360	827	62706	58036	83209	694//	07707	85915	86618		827	02111	022	r <sub>o</sub> r <sub>o</sub> R		pr								
	St. Mawgan	817	72018	59026	85010	784//	07624	82710	84814	87625	817	72008	59808	82507	783//	05603	81709	83818	86650	817	12112	016	rrprpr <sub>o</sub> Pr		prpr <sub>o</sub> rr								
	Scilly	804	62318	59026	84411	68400	08721	84818	85625		804	72516	59258	82608	69402	06500	84918	84623		804	04112	023	rrpr		prpr								
	Culdrose	809	72328	56808	85309	784//	09734	82710	84818	85638	809	72710	60808	82908	734//	07605	82710	83818	87628	809	04112	012	rrir <sub>o</sub> Pr <sub>o</sub> Pr		pr <sub>o</sub>								
	Guernsey	894	71916	78216	90209	6547/	08731	83618	86640	87460	894	72113	70808	86009	785//	07715	84820	86656		894	03101	020	irir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>		pr <sub>o</sub>								
	Elmdon	534	71805	50052	87907	1531/	06818	81708	87465		534	71606	50216	81607	1642/	06722	81712	87458		534	08071	000	r <sub>o</sub> Rrr		Rrr <sub>o</sub> r <sub>o</sub> ir <sub>o</sub>								
	Cardington	559	81606	61056	89607	1577/	06811	81650	86360	88465	559	71709	62616	83408	754//	08721	82710	87633		559	06082	000	r <sub>o</sub> Rr		Rrr <sub>o</sub>								
	Wittering	462	72107	58031	89307	40918	06804	84466	87270		462	80906	23636	83306	872//	05726	84704	88706		462	09071	000	r <sub>o</sub> R		RrrRr <sub>o</sub> d <sub>o</sub> f								
	Watnall	354	52111	40041	88307	28574	05804	81820	83462		354	80811	48636	83104	873//	04621	88706		354	10082	001	r <sub>o</sub>		r <sub>o</sub> rrd <sub>o</sub> r <sub>o</sub>									
	Shawbury	414	71606	72031	87007	38576	04816	83826	83364	86270	414	80503	48616	81605	862//	04619	88703		414	08071	009	r <sub>o</sub> rrr		rr <sub>o</sub> r <sub>o</sub> f									
	Finningley	360	72108	30041	87808	35731	06801	83650	85359	85075	360	81707	58602	83905	4567/	05711	84635	85360	88465	360	05091	008	+		r <sub>o</sub> rrR								
	Kilnsea	396	42012	58031	89007	30941	05006	83360			396	81712	48022	85606	8097/	06619	88460		396	04072	029	+		ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> rr									
	Leeming	257	81709	09465	87204	864//	03104	88712			257	82002	09466	83905	4557/	04609	81624	84640	88360	257	97061	000	id <sub>o</sub> fir <sub>o</sub>		ir <sub>o</sub> if <sub>o</sub>								
	Tynemouth	262	82107	14041	86604	8097/	03102	88358			262	81804	11106	84406	855//	05607	88625		262	02062	000	rr		ir									
	Carlisle	222	81805	56615	85406	854//	05801	82712																									

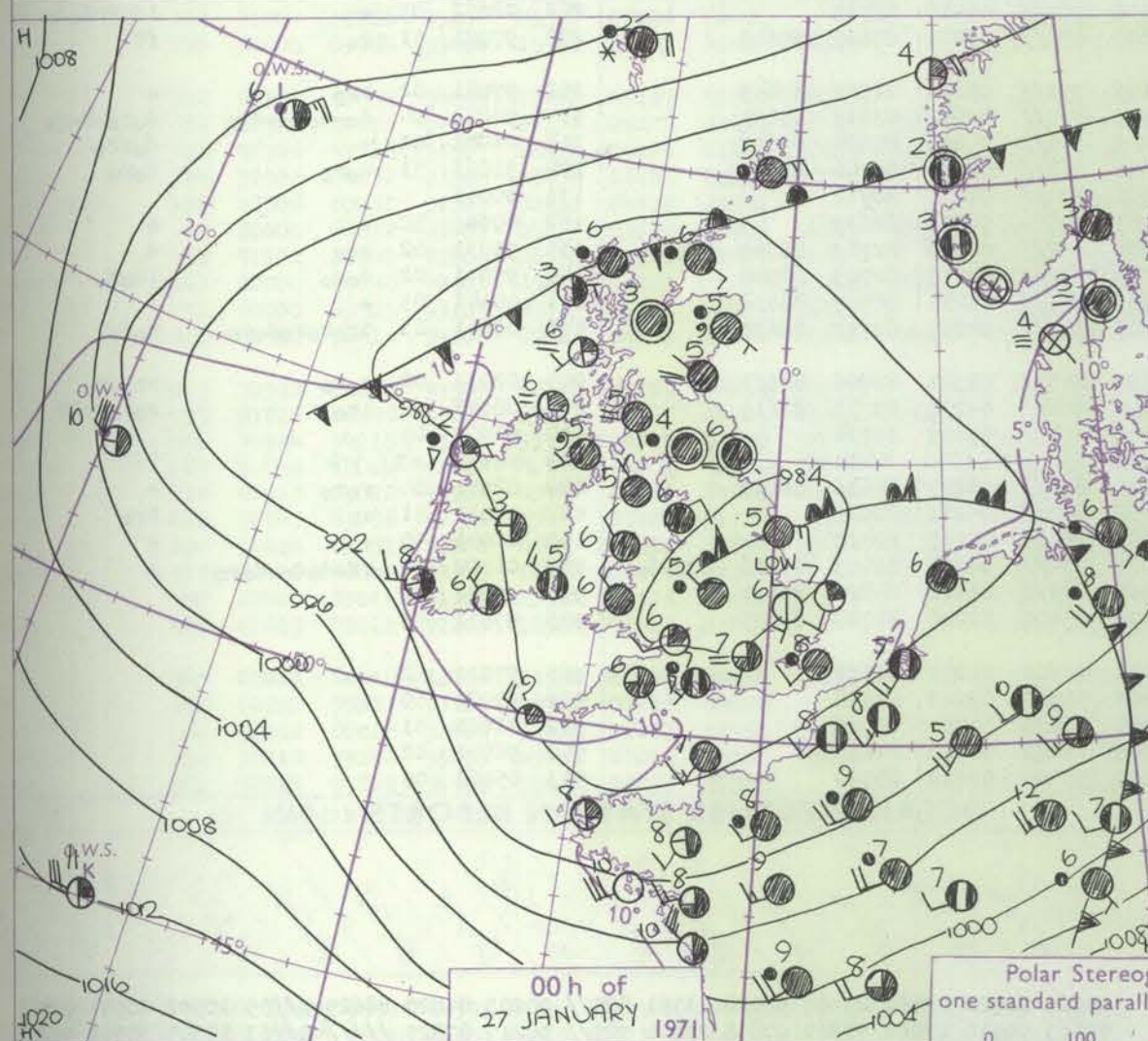
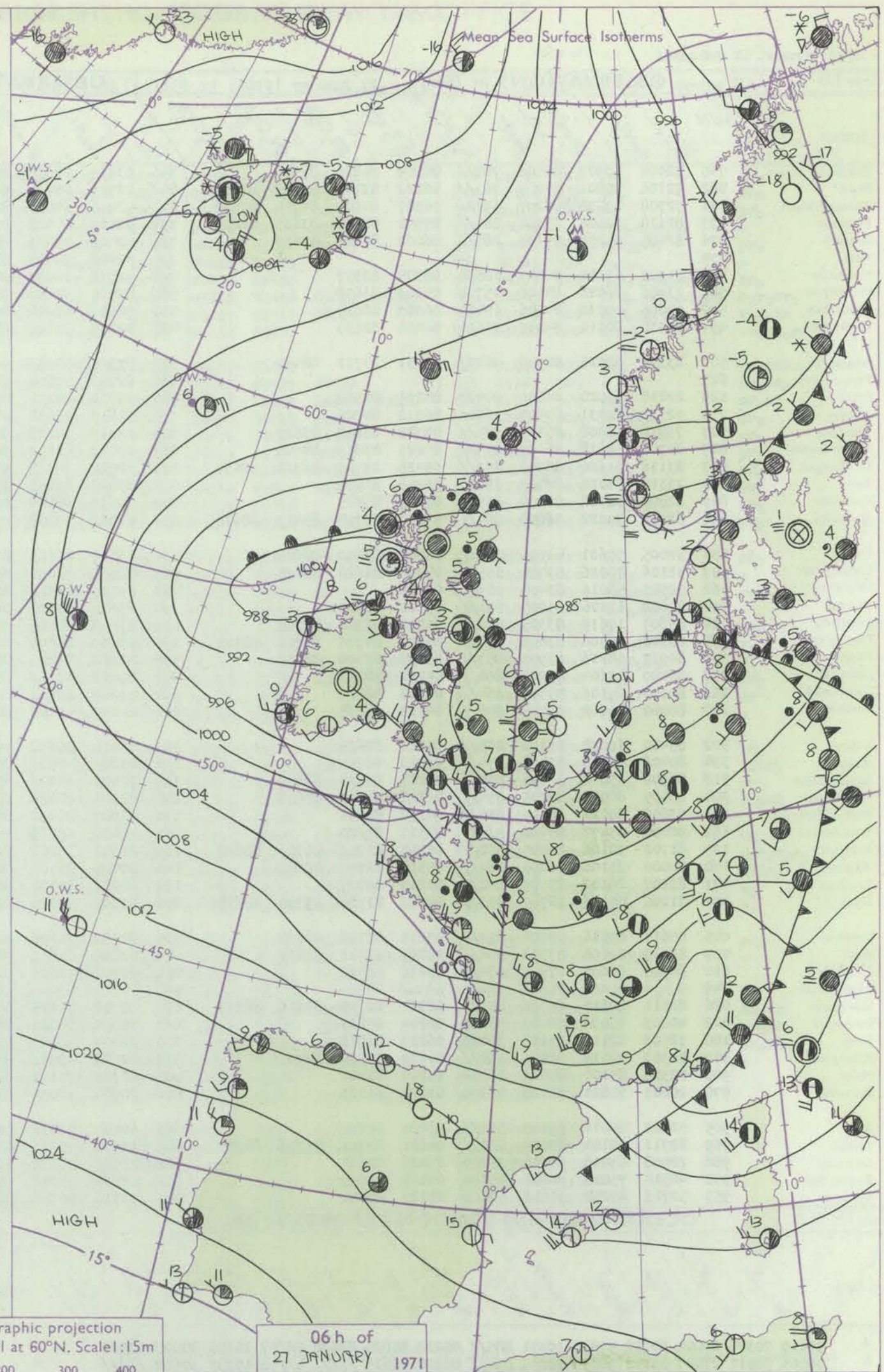
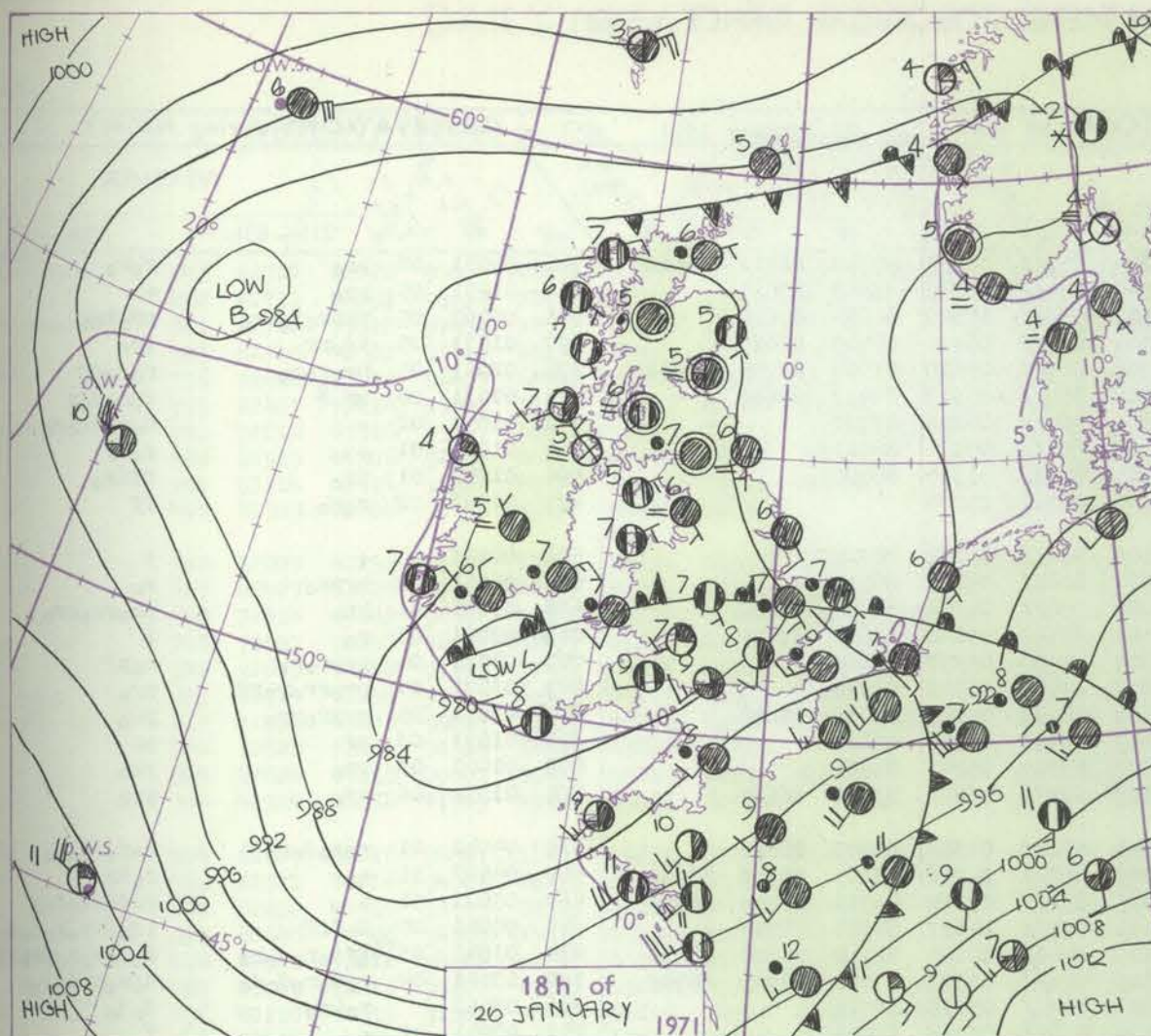


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 15m  
0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

The complex low pressure area over the British Isles has continued. The main centre, to the southwest of Eire, has moved slowly northeast the associated frontal troughs having moved steadily east across southern Britain. A depression 500 miles due south of Newfoundland has moved steadily east. During the next 24 hours this

low will reach the Azores but will fill somewhat. In the vicinity of the British Isles the main low centre will become slow-moving over the southern North Sea, bringing a northerly airstream to most districts.

Issued at midday Wednesday 27 January 1971



## Cada EM

Code 1-11

H.M.S.O. Press, M.L.O. All times of obs.



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

39879

Date of Issue Thursday 28 January 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
		27 January 1971										27 January 1971															



This is a detailed weather map of the North Atlantic and surrounding regions, showing pressure systems, fronts, and temperature isotherms. The map includes labels for major cities, islands, and geographical features. A scale bar at the bottom indicates nautical miles, and a projection note specifies "Polar Stereographic projection Scale 1:30,000,000 at Latitude 60°N."

The map displays several high-pressure systems (labeled HIGH A, HIGH B, HIGH C, HIGH D, HIGH E, HIGH F, HIGH G, HIGH H, HIGH I, HIGH J, HIGH K, HIGH L, HIGH M, HIGH N, HIGH O, HIGH P, HIGH Q, HIGH R, HIGH S, HIGH T, HIGH U, HIGH V, HIGH W, HIGH X, HIGH Y, HIGH Z) and low-pressure systems (labeled LOW A, LOW B, LOW C, LOW D, LOW E, LOW F, LOW G, LOW H, LOW I, LOW J, LOW K, LOW L, LOW M, LOW N, LOW O, LOW P, LOW Q, LOW R, LOW S, LOW T, LOW U, LOW V, LOW W, LOW X, LOW Y, LOW Z). Fronts are indicated by lines with arrows and symbols, showing the movement of air masses. Isotherms are marked with numbers, representing temperature in degrees Celsius. The map also shows the locations of major cities, islands, and geographical features, including the Arctic region, the North Atlantic, the North Pacific, and the North Indian Ocean.

The map is a Polar Stereographic projection, Scale 1:30,000,000 at Latitude 60°N. The map shows the following features:

- Pressure systems: HIGH A, HIGH B, HIGH C, HIGH D, HIGH E, HIGH F, HIGH G, HIGH H, HIGH I, HIGH J, HIGH K, HIGH L, HIGH M, HIGH N, HIGH O, HIGH P, HIGH Q, HIGH R, HIGH S, HIGH T, HIGH U, HIGH V, HIGH W, HIGH X, HIGH Y, HIGH Z; LOW A, LOW B, LOW C, LOW D, LOW E, LOW F, LOW G, LOW H, LOW I, LOW J, LOW K, LOW L, LOW M, LOW N, LOW O, LOW P, LOW Q, LOW R, LOW S, LOW T, LOW U, LOW V, LOW W, LOW X, LOW Y, LOW Z.
- Fronts: Lines with arrows and symbols indicating the movement of air masses.
- Isotherms: Lines with numbers representing temperature in degrees Celsius.
- Geographical features: Arctic region, North Atlantic, North Pacific, North Indian Ocean, major cities, islands, and geographical features.

The map is a Polar Stereographic projection, Scale 1:30,000,000 at Latitude 60°N. The map shows the following features:

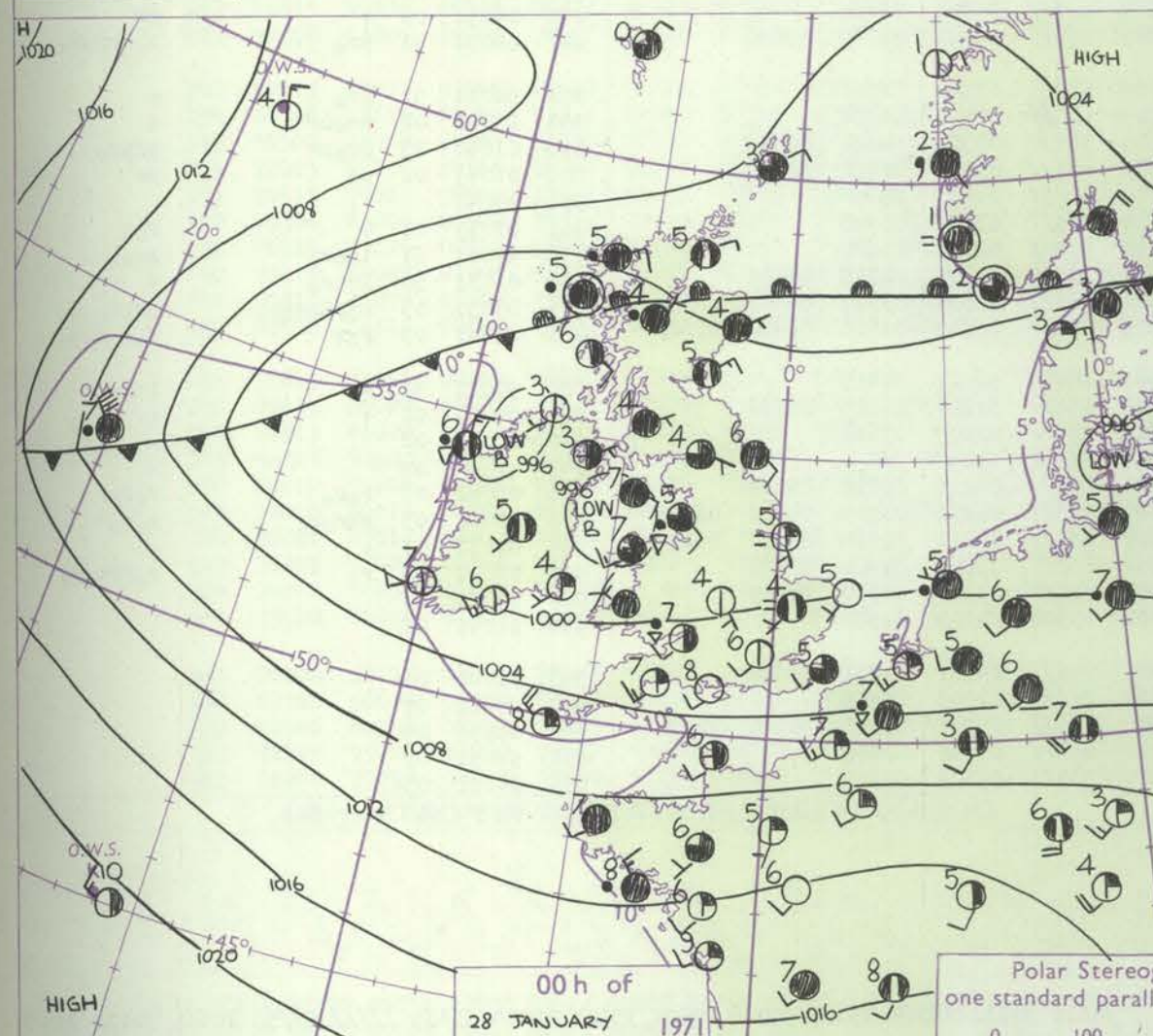
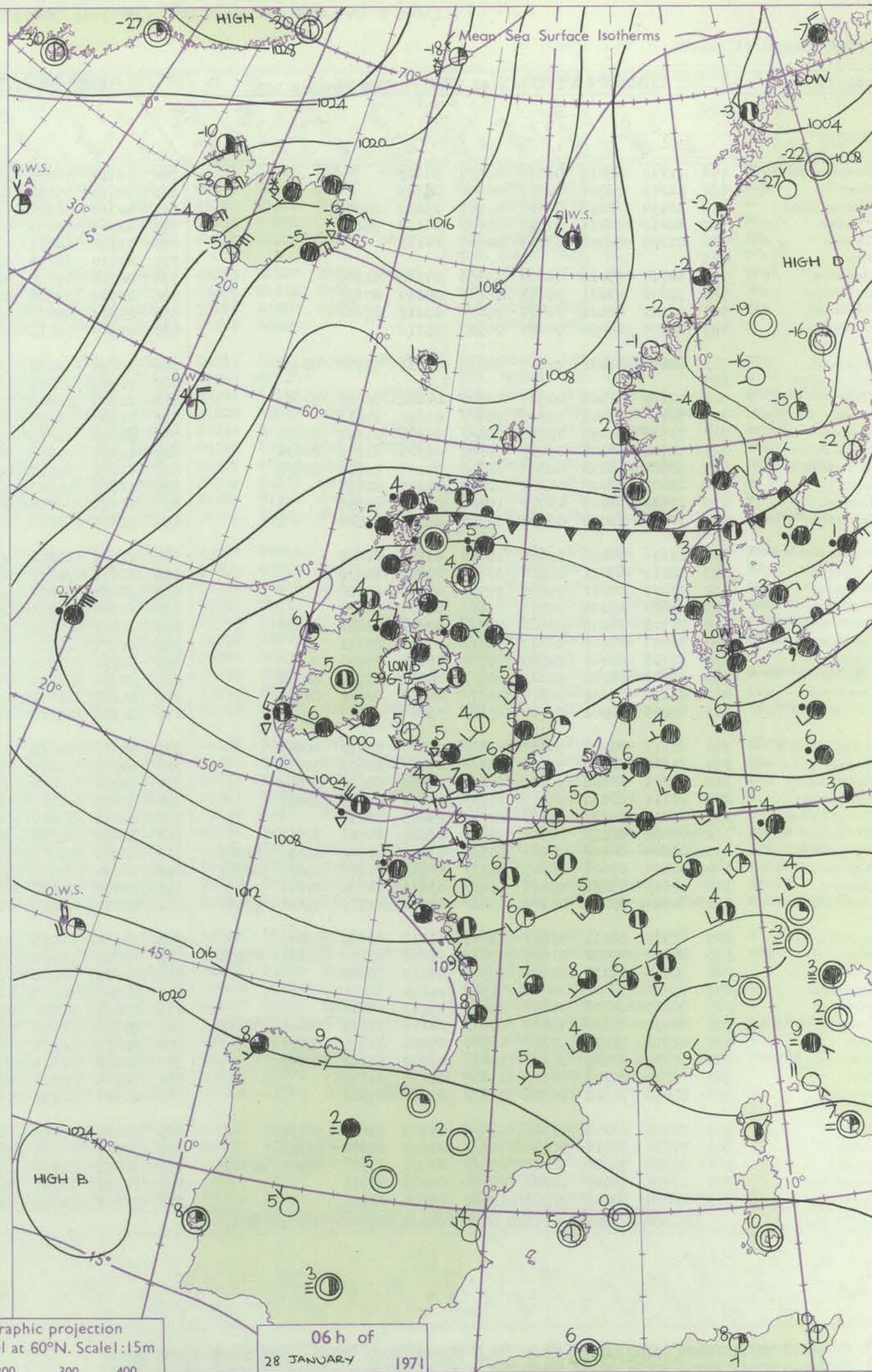
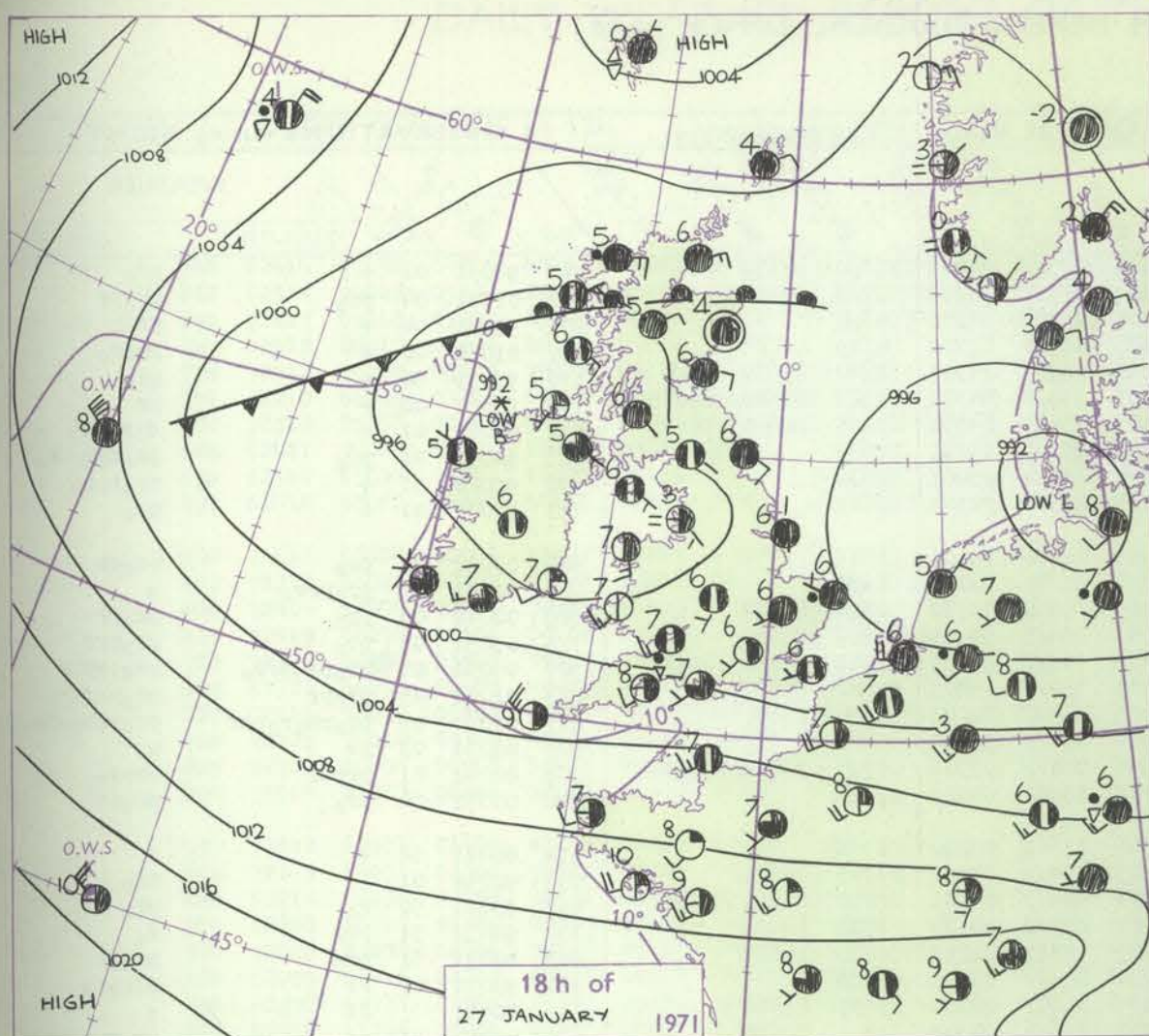
- Pressure systems: HIGH A, HIGH B, HIGH C, HIGH D, HIGH E, HIGH F, HIGH G, HIGH H, HIGH I, HIGH J, HIGH K, HIGH L, HIGH M, HIGH N, HIGH O, HIGH P, HIGH Q, HIGH R, HIGH S, HIGH T, HIGH U, HIGH V, HIGH W, HIGH X, HIGH Y, HIGH Z; LOW A, LOW B, LOW C, LOW D, LOW E, LOW F, LOW G, LOW H, LOW I, LOW J, LOW K, LOW L, LOW M, LOW N, LOW O, LOW P, LOW Q, LOW R, LOW S, LOW T, LOW U, LOW V, LOW W, LOW X, LOW Y, LOW Z.
- Fronts: Lines with arrows and symbols indicating the movement of air masses.
- Isotherms: Lines with numbers representing temperature in degrees Celsius.
- Geographical features: Arctic region, North Atlantic, North Pacific, North Indian Ocean, major cities, islands, and geographical features.

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

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



# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

## GENERAL SYNOPTIC DEVELOPMENT

Although pressure has been rising generally over the British Isles for the last 24 hours a complex low persists from the North Sea to Northern Ireland. A slow eastward movement of this low is expected, with a northerly airstream becoming established over western Britain with a southward movement of the cold front which

has so far been almost stationary over Scotland. The small depression over the Azores will continue moving east towards northwest Spain, and a ridge of high pressure will develop from Greenland to the Azores.

Issued at midday Thursday 28 January 1971



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

No. 39880

Code FM II.D		OBSERVATIONS at 00h. 28 January 1971										OBSERVATIONS at 06h. 28 January 1971										OBSERVATIONS during NIGHT										Code FM			
Station		iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station	
																																	21h.—03h.	03h.—09h.	
Boscombe Down		746	02212	66018	02104	00900	03105				746	72410	74038	02105	785//	04208	81820	87650		746	94031	01	+										pro		Boscombe
Hurn		862	02212	75021	02708	00900	04103				862	72411	75028	02607	785//	04202	82825	87631		862	01051	04	pro									propr		Hurn	
Thorney Island		871	12414	62018	03408	00901	05208	81070			871	42312	62011	03307	45500	04301	84620		871	95051	04	+										propr		Thorney	
Manston		797	62410	66021	02805	656//	04115	86640			797	42009	70031	03605	45500	03202	84625		797	01031	00	+										prpro		Manston	
Gatwick		776	02307	58018	03105	00900	04111				776	72310	68251	03106	785//	04301	81820	87630		776	97031	50	+									pro		Gatwick	
Kew		775									775	62110	66251	02106	19532	04302	81926	83362	85075	775	93051	00	+									pr		Kew	
Heathrow		772	12010	65018	02106	15600	04110	81640			772	82111	80211	01906	5552/	04500	82625	84640	88459	772	91041	01	+									doRorRo		Heathrow	
Honington		586	72006	23101	01104	757//	04210	87650			586	81909	59028	01205	856//	03101	88630		586	92031	01	pro										prodoRor-Ro		Honington	
Wattisham		590	72207	48021	01404	756//	03212	87636			590	81809	56031	01604	855//	03001	88622		590	95022	51	+										proRorRo		Wattisham	
Gorleston		497	02204	48056	00605	00900	05216				497	21909	59011	01205	25500	04102	82625		497	97042	01	+										pro		Gorleston	
Aberporth		502	82816	61251	97807	834//	05311	82910	88620		502	12214	64028	98905	12400	04001	81816		502	03052	03	pro										propr		Aberporth	
Ross-on-Wye		627									627	11906	70021	00205	15600	02110	81630		627	01041	01	proprro										+		Ross-on-Wye	
Filton		628	42110	61808	00307	48500	04102	82820	84640		628	62308	58808	01405	68400	03310	82818	86622		628	02041	03	pro									propr		Filton	
Rhoose		715	72214	62808	99607	784//	05802	85816			715	32507	70038	01005	38400	04107	81816	83635		715	05051	03	pro									propr		Rhoose	
Chivenor		707	72524	61258	00108	785//	06501	81820	87629		707	72619	62258	01408	734//	05001	81918	84820	87631	707	04061	04	proprdoRorRo									proprphr		Chivenor	
Mount Batten		827	52720	69808	03409	58500	06307	81822	84634		827	72517	74218	04007	785//	05007	82822	87657		827	01061	05	propr									proprro		Mount Batten	
St. Mawgan		817	52724	66258	02808	58500	04306	83820	83628		817	62621	62038	03908	685//	04203	83820	83630		817	05061	03	prophOroRorO									proRorRo-phOro		St. Mawgan	
Scilly		804	22823	66028	04208	22400	04207	82818			804	72823	58808	04907	784//	06204	86818		804	01061	03	pr										pr		Scilly	
Culdrose		809	12820	68018	03007	19400	03000	81916			809	72716	66258	04806	784//	05306	83710	84818	85630	809	02041	01	prphr									prpro		Culdrose	
Guernsey		894	32417	63018	06508	32500	06305	83824			894	32619	66258	06708	38500	04303	82820		894	01051	04	pro										propr		Guernsey	
Elmdon		534	11606	58028	99004	15600	03204	81640			534	12008	65011	99704	15601	03210	81645		534	00021	52	+										+		Elmdon	
Cardington		559	32011	66011	00806	35600	05307	83638			559	62111	70251	00805	654//	04302	82711	86641		559	91042	01	+									pro		Cardington	
Wittering		462	72007	28211	99904	755//	03107	87622			462	82108	64801	99904	884//	04501	82710	86815	88630	462	93031	50	ro									pro		Wittering	
Watnall		354	61803	19108	99205	656//	04207	86639			354	62204	50212	99404	653//	04304	82706	86629		354	94031	51	pro									ro		Watnall	
Shawbury		414	71708	74258	97606	785//	00505	82822	86630		414	52207	80038	99003	58501	02212	82820	84627		414	01021	51	pro									propr		Shawbury	
Finningley		360	71802	07444	98703	756//	03104	87641			360	81703	21606	98704	856//	04303	88638		360	93021	00	ff										ffroRorO		Finningley	
Kilnsea		396	31707	12101	99505	35700	05209	83656			396	51911	57034	00605	3567/	04204	83635	85360		396	00041		ff									+		Kilnsea	
Leeming		257	81507	28046	98605	853//	04208	83706	88620		257	81606	07636	98505	850//	04301	85701	88624		257	04041	01	+									irOroRorrr		Leeming	
Tynemouth		262	81210	81022	98806	3567/	04207	83630	88358		262	81115	66022	99207	856//	06400	88630		262	04052	04	+										rr		Tynemouth	
Carlisle		222	61003	48042	97704	656//	03207	86643			222	80906	32618	97805	854//	04001	82714	88620		222	04031	51	pro									roRrrroRorO		Carlisle	
Valley		302	62513	74028	95607	684//	05207	82710	86626		302	32710	74028	97305	38400	03105	82811		302	92031	51	pro										+		Valley	
Ringway		334	81608	30808	97706	884//	05103	83813	88635		334	62008	65018	98305	656//	04307	86632		334	03041	02	propr										+		Ringway	
Squires Gate		318	61309	30808	96705	686//	05202	84830	84649		318	72208	70258	97705	785//	04308	84820	86638		318															



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

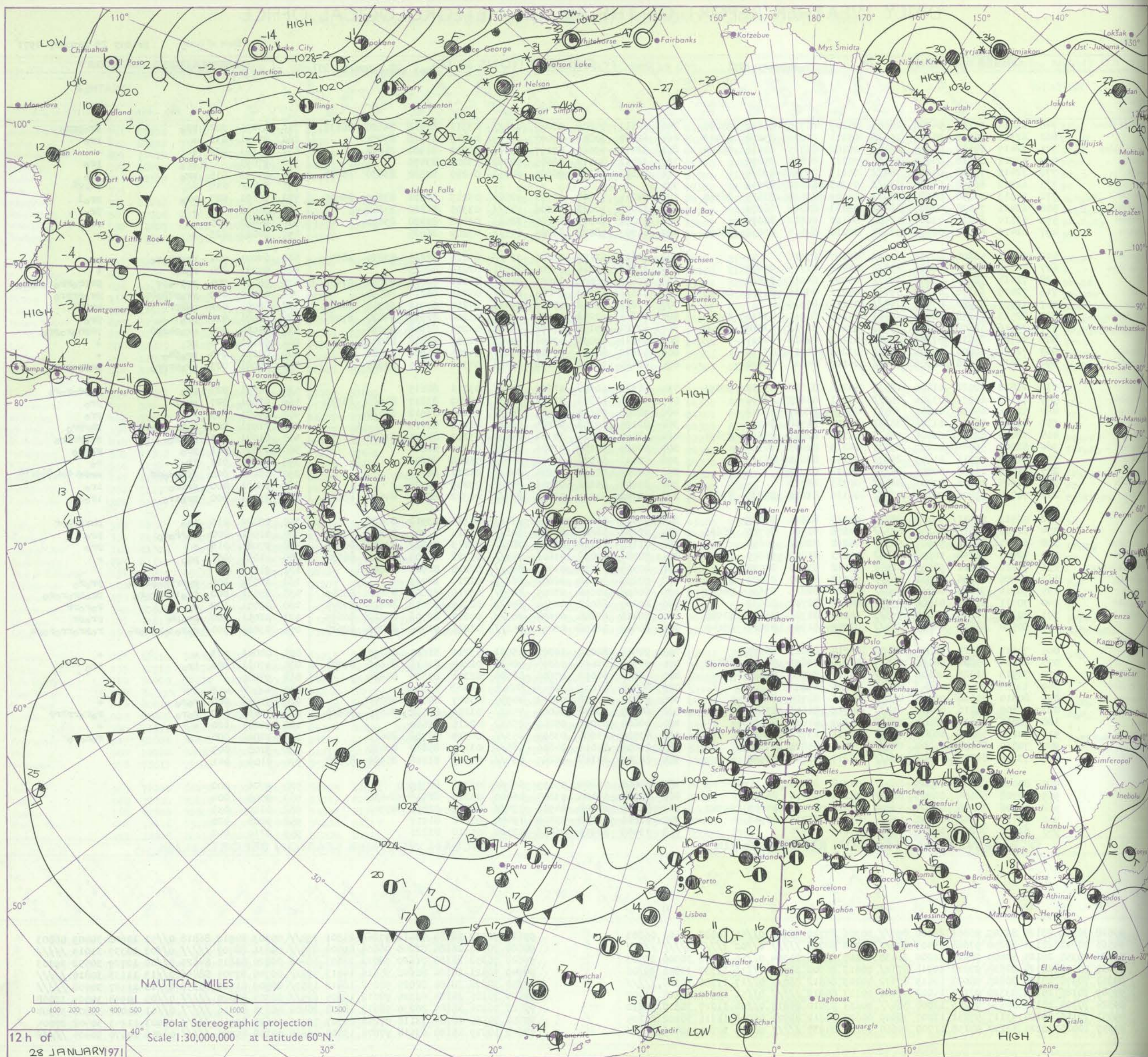
No. 39880

Date of Issue Friday 29 January 1971

Code FM II.D	OBSERVATIONS at 12h. 28 January 1971										OBSERVATIONS at 18h. 28 January 1971										OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>s</sub> X <sub>s</sub> E	SS <sub>s</sub>	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	62414	77258	04208	48403	05109	81715	83818	85072	746	72511	74808	06005	794//	03311	82918	84820	86632	746	03091	022	pro	proprro		
Hurn	862	62314	70028	05508	29438	05211	81814	85270	81918	862	62620	70801	07007	39433	02213	83918	85075		862	97091	032	+	pro		
Thorney Island	871	72417	69158	05709	29403	05108	81715	81918	86068	871	52414	69022	07107	29503	03209	81920	84068		871	95101	026	+	+		
Manston	797	52512	80018	04907	28563	05212	81820	85070		797	32412	80018	06605	00902	03209	83070			797	97091		pro	pro		
Gatwick	776	72412	75028	05009	784//	06115	83716	87824		776	72208	70258	06605	48563	04210	82820	83630	86070		776	97091	015	pro	pro	
Kew	775	62210	66258	04208	634//	04308	86818	82918		775										775	94101	039	pro	pro	
Heathrow	772	72313	75258	04307	58472	04009	83818	83625	86360	772	72214	75808	05707	48502	03213	82822	83640	85075		772	97101	027	pro	pro	
Honington	586	62411	74028	02907	28402	03213	81818	86075		586	72008	72022	04106	785//	03305	81822	87643		586	91091		+	pro		
Wattisham	590	62514	65018	03207	18402	04110	81812	86075		590	52207	70018	04605	38503	03206	81820	83640		590	94082	035	+	pro		
Gorleston	497	62410	60022	02807	58434	02210	82815	83630	86075	497	61703	58022	04205	655//	03209	86625			497	00081	023	+	+		
Aberporth	502	72611	56808	00706	734//	05207	87914			502	72812	62158	03206	734//	05215	82915	83820	86640		502	01071	001	prophoro	pro	
Ross-on-Wye	627	72312	66021	02007	654/2	03208	81715	85625		627	32108	70026	03505	25501	02214	82625			627	95071	004	ro	+		
Filton	628	72414	58808	03207	794//	05109	84915	86820		628	72412	56608	04805	6542/	04211	82710	85632	87458		628	06091	005	prprpr	prprprro	
Rhoose	715	72419	66278	03107	59462	05212	83818	85935	86359	715	82516	60808	04805	6242/	05208	86814	88530		715	08081	009	prophrprpr	proprpro		
Chivenor	707	72525	62888	03907	794//	03213	87918			707	72818	66808	05806	69433	04211	81715	86918	86075		707	08091	002	phRpr	prphR	
Mount Batten	827	62523	66258	06408	49403	05216	81915	83818	85070	827	72618	62258	07408	69462	05206	82918	84820	87075		827	92091	020	propho	pro	
St. Mawgan	817	72616	58808	06107	79403	03215	81712	84915	85915	817	62521	69158	07108	39403	04205	82918	85070		817	05081	007	prophrpr	prphropro		
Scilly	804	42723	74018	07309	49400	03212	82818	84922		804	42618	69030	07808	39401	04302	82818	82922		804	92101	046	pr	+		
Culdrose	809	72716	60808	06908	59401	03213	84916	83636		809	52620	80018	07708	59401	04205	81918	83822		809	02101	040	propho	+		
Guernsey	894	72514	81258	08906	784//	05109	84818	86640		894	52420	74258	10108	59463	04304	83815	83925		894	03081	003	proprpro	proprphpro		
Elmdon	534	71812	62021	01406	18434	04206	81812	83362	87075	534	81911	60608	02605	854//	03311	88615			534	01081	023	pro	prprpro		
Cardington	559	72113	66031	03306	755//	05111	84625	87640		559	62218	61808	03906	694//	04209	83817	84625	86930		559	91081	027	pro	pro	
Wittering	462	52214	64038	02207	38531	05111	82820	83072		462	72208	74258	02905	784//	04205	83818	85630		462	94071	035	+	pro		
Watnall	354	62208	58216	01306	28333	05108	81708	84070		354	82105	19258	02205	864//	05207	88713			354	01071	005	roprpro	phrpro		
Shawbury	414	72008	82038	00406	784//	04105	82818	85625	87635	414	42402	74018	02304	45500	03213	81625	83632		414	01071	001	prpr	proprpro		
Finnigley	360	62005	56046	01207	25632	04213	82645	84360		360	80000	40108	01806	856//	05306	88641			360	97071	021	pro	pro		
Kilnsea	396	62308	57216	01905	2567/	05212	82630	86360		396	72011	61021	02706	6567/	05204	86630			396	92081	021	iro	ro		
Leeming	257	81706	11286	00805	862//	04212	88703			257	80000	02636	02205	8062/	04212	88540			257	02062	000	ffrro	fff-todofft		
Tynemouth	262	81615	48606	00706	864//	06313	88710			262	81203	66216	02306	8052/	03209	88525			262	04071	000	rriro	iro		
Carlisle	222	70708	59806	00105	785//	04110	81820	85625	87630	222	80702	32218	02205	854//	04312	82710	84620	88635		222	93061	000	proiro	iroRro	
Valley	302	52713	62011	99307	28432	04112	82811	83075		302	73013	61068	01506	734//	04315	83910	87626		302	05072	016	iro	phrpropr		
Ringway	334	81706	58616	00305	853//	04108	81706	85710	86616	334	72104	56808	01805	782//	05313	82705	85812	87630		334	01061	000	roorro	pro	
Squires Gate	318	61507	26048	99907	5857/	06212	82822	84650		318	71106	51502	01703	785//	03213	81822	83635	86650		318	97081	016	+	pro	
Ronaldsday	204	72003	75258	98508	68402	05213	81713	85820	86075	204	70406	62032	01606	783//	05321	84708	83820	86637		204	01071	001	pro	+	
Mull of Galloway	131	70512	74012	98505	32502	05212	83820	87070		131	80508	63038	01705	895//	02218	82925	88640		131	9105/					
Eskdalemuir	162	70306	66806	00902	783//	01212	83707	83820	87635	162	80208	40108	02602	862//	02214	88703			162	04031	000	roprpropro	pro		
Prestwick	135	70914	57626	00706	7848/	04211	82815	83635	86650	135	80608	62608	03205	4857/	03215	82824	83634	86359		135	05071	000	roirrrro	proiropro	
Abbotsinch	140	70511	65022	01906	6543/	04216	82712	86632		140	80209	68022	04304	654/2	02315	82618	86620	87075		140	01071	002	+	roorr	
Leuchars	171	70313	62278	03005	793/3	04215	81706	86810	811																

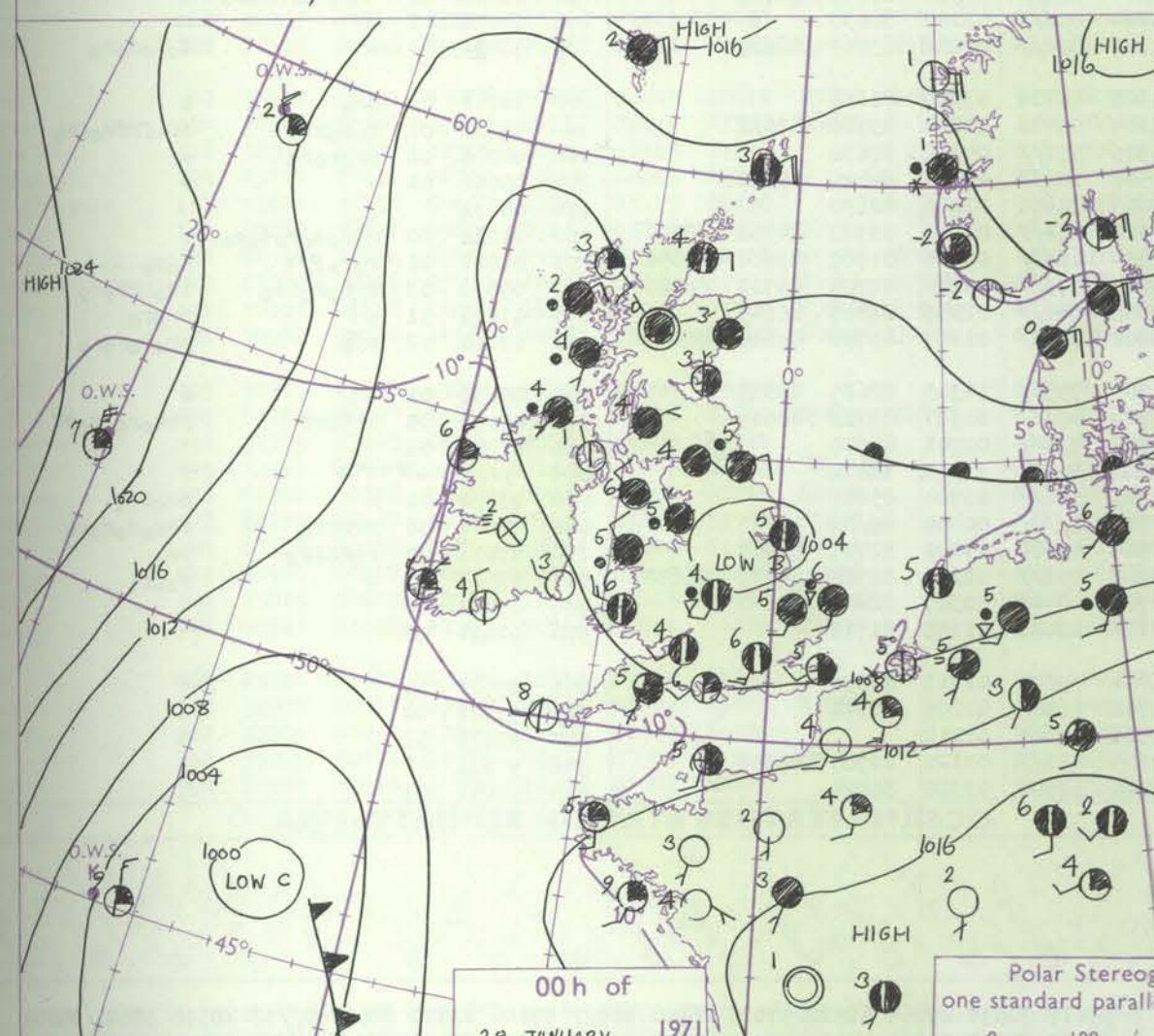
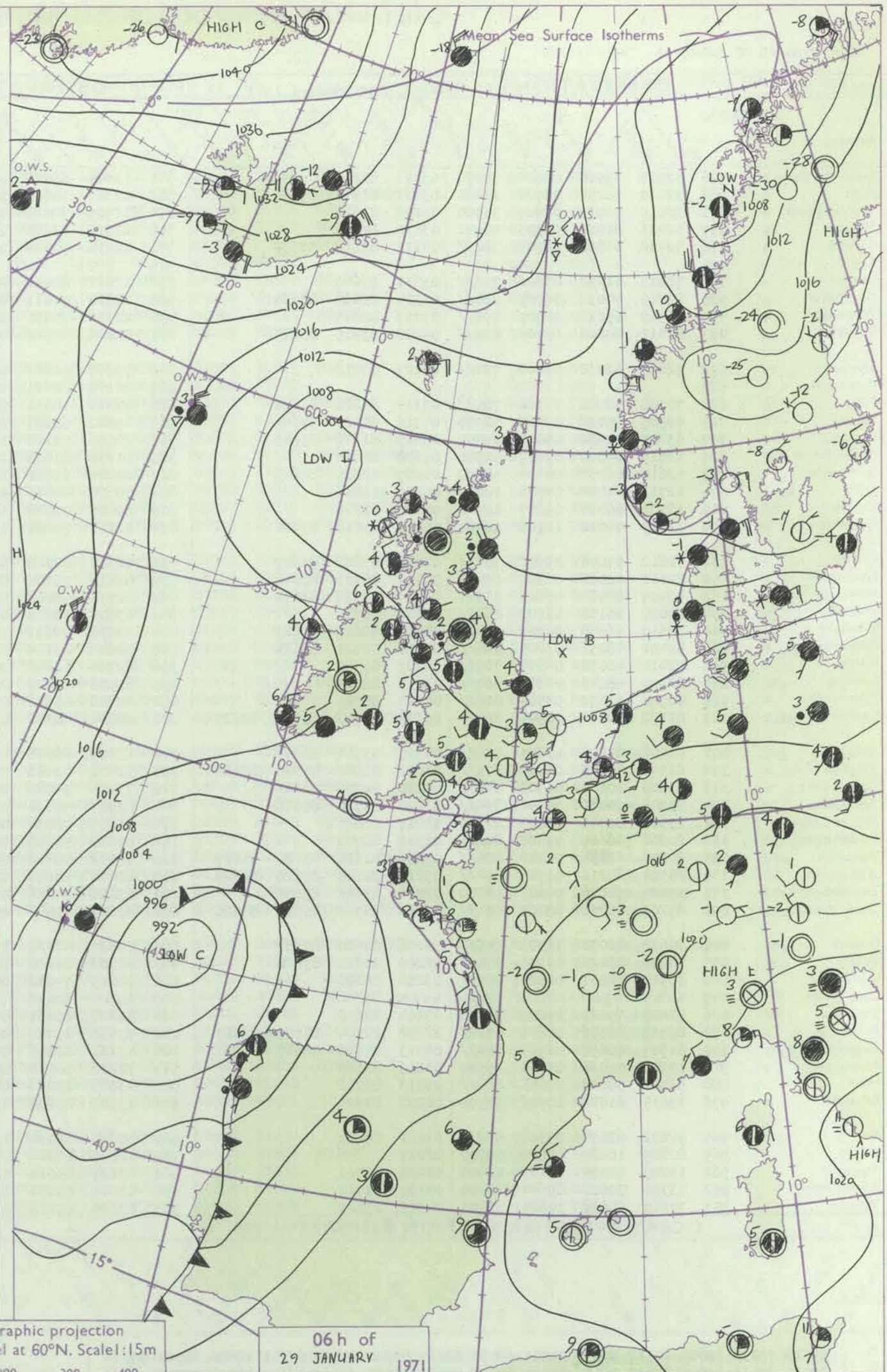
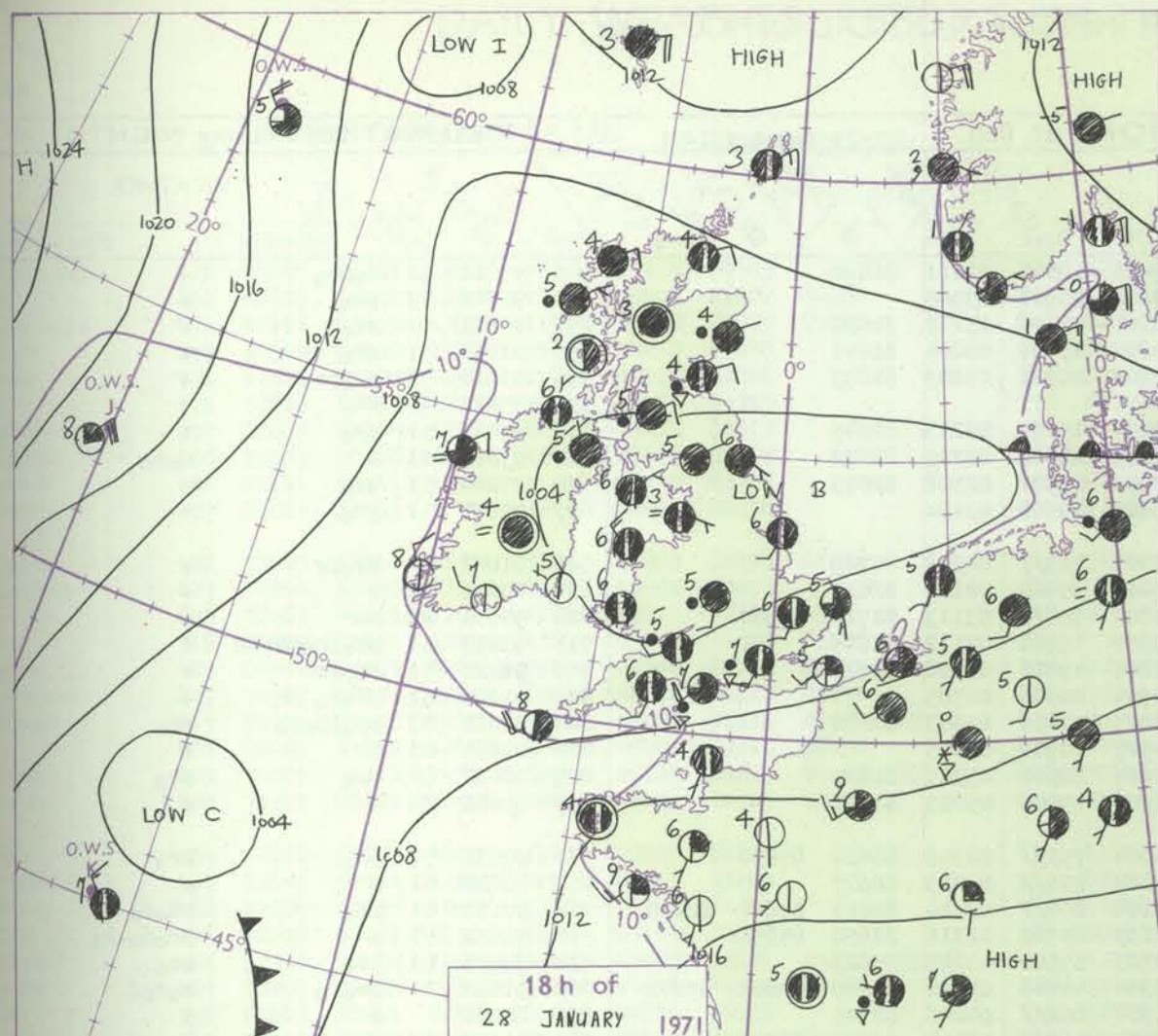


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m

0 100 200 300 400

## GENERAL SYNOPTIC DEVELOPMENT

A complex area of low pressure centred over the Irish Sea has moved very slowly eastwards and filled a little. A low formed in the trough extending southwest from the centre of this complex low and moved east to near Cape Finisterre developing a rather vigorous circulation. Pressure has been rising steadily over Greenland with a strong ridge extending south over the mid-Atlantic. During the

next 24 hours the complex low over the British Isles is expected to move eastwards and fill while the vigorous low off Cape Finisterre moves east into central France. An anticyclone will develop over the Denmark Strait. These developments will lead to the establishment of a northeasterly airstream over the British Isles.

Issued at midday Friday 29

January 1971



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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code FM
		29 January 1971										29 January 1971																				
Station		iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		Station							
																								21h.—03h.	03h.—09h.							
Boscombe Down	746	32510	69018	08004	38500	03213	82820				746	13005	69028	09902	18501	02111	81820				746	97011	52	ropro	+	Boscombe Down						
Hurn	862	32410	70251	08706	11430	03211	81818	83360			862	02303	70011	10204	00900	03308					862	95011	53	pro	+	Hurn						
Thorney Island	871	32413	70031	08807	35500	05208	83622				871	12706	74028	10705	15500	03212	81620				871	97021	51	pro	+	Thorney Island						
Manston	797	52411	81011	08505	40972	03210	84359				797	12311	83018	09204	15700	03204	81656				797	01031	51	pro	+	Manston						
Gatwick	776	72408	65808	08505	784//	04111	83818	87637			776	12510	70018	09703	00902	03209	81073				776	01011	52	propr	+	Gatwick						
Kew	775										775										775	97031	53	pro	+	Kew						
Heathrow	772	72213	81258	07706	756//	03211	87640				772	12511	80021	09204	15600	03213	81645				772	97021	51	pro	+	Heathrow						
Honington	586	82210	74038	06005	884//	03314	86812	88635			586	22310	74011	07603	28600	02109	82630				586	97031	01	+	do-ro	Honington						
Wattisham	590	82312	65018	06505	854//	03213	88614				590	22310	75031	07903	00901	02308	82075				590	97012	51	pro	+	Wattisham						
Gorleston	497	82011	60808	05706	884//	04208	83815	88625			497	02106	62028	06405	00900	03101					497	97031	51	pro	+	Gorleston						
Aberporth	502	72813	62038	07006	724//	04223	87818				502	73207	58021	09705	763//	04218	87709				502	01041	02	propr	+	Aberporth						
Ross-on-Wye	627										627	22106	60021	09103	25400	02115	82617				627	00031	51	+	+	Ross-on-Wye						
Filton	628	72308	58058	07304	785//	03315	84820	86636			628	72410	48051	09305	754//	03113	81710	87650				628	95031	50	pr	+	Filton					
Rhoose	715	42505	75028	07505	48500	04316	81820	84645			715	13002	60021	09903	15600	02112	81645				715	03011	51	prophoprPR	f	Rhoose						
Chivenor	707	63205	70028	08005	69400	03315	81916	83643			707	10501	59108	10203	19400	03108	81915				707	96021	51	propr	+	Chivenor						
Mount Batten	827	42615	69808	09307	42500	05108	84820				827	01210	81028	10904	00900	04305					827	01021	51	prpro	+	Mount Batten						
St. Mawgan	817	52612	66258	08806	58500	04109	82825	84645			817	22004	59028	10803	22400	03303	82818				817	02021	53	prophoro	pro	St. Mawgan						
Scilly	804	12711	81020	09508	12400	05206	81818				804	00000	84011	10907	00900	02205					804	01051	01	pr	+	Scilly						
Culdrose	809	12708	66010	09207	12400	05208	81818				809	20000	72028	10904	28500	03303	81820				809	02021	54	pro	pro	Culdrose						
Guernsey	894	32319	74010	11307	39463	05104	81818	83924			894	12211	74020	12007	19500	05003	81920				894	00061	04	+	+	Guernsey						
Elmdon	534	72012	57806	05304	784//	02213	83818	87647			534	72310	62028	08004	755//	02318	86624	87650				534	97031	52	pro	pro	Elmdon					
Cardington	559	82112	62028	06305	854//	04214	86711	88618			559	82213	56101	08004	855//	03213	88627				559	00021	51	+	+	Cardington						
Wittering	462	52409	62028	05603	35501	02214	83622	83072			462	82511	58028	07104	854//	03214	84614	85622	88635				462	97031	01	pro	ido-ro	Wittering				
Watnall	354	80000	28108	05203	864//	03216	88712				354	63005	58218	07103	65700	02316	82650	85656				354	94031	51	+	prodo-ro	Watnall					
Shawbury	414	72610	66808	04705	784//	04213	82818	85625			414	32607	72018	07703	35500	03114	83628				414	92031	51	pro	pro	Shawbury						
Finningley	360	82402	48256	03805	885//	04210	82821	88634			360	72806	23106	06304	45408	04314	83619	83641	87272				360	91031	01	pro-ro	ro-rof	Finningley				
Kilnsea	396	72410	48036	04505	7097//	04209	87360				396	82708	12102	05704	862//	04208	88705				396	00041		+	+	Kilnsea						
Leeming	257	82904	48046	04204	864//	03213	88713				257	83508	59046	06404	863//	03214	83707	88712				257	91031	03	do-rodo-roffro	+	Leeming					
Tynemouth	262	80708	61632	04705	8062//	04214	88540				262	83202	66216	06204	856//	03108	88630				262	04042	02	rr	rr	Tynemouth						
Carlisle	222	81102	48042	04904	854//	03314	84713	86717	88627		222	80000	48582	07102	854//	02212	83713	88629				222	97021	51	+	do-rodo-ro	Carlisle					
Valley	302	83108	61808	05805	824//	04327	83710	88824			302	13109	66018	08105	15400	03210	81614				302	01041	51	pro	+	Valley						
Ringway	334	81504	40608	04204	853//	03213	81706	85710	88616		334	52402	03466	07104	55400	04214	83716	83628				334	01031	01	ro-ro-ro-ro	ff-ffro-ro	Ringway					
Squires Gate	318	83306	30608	04705																												



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

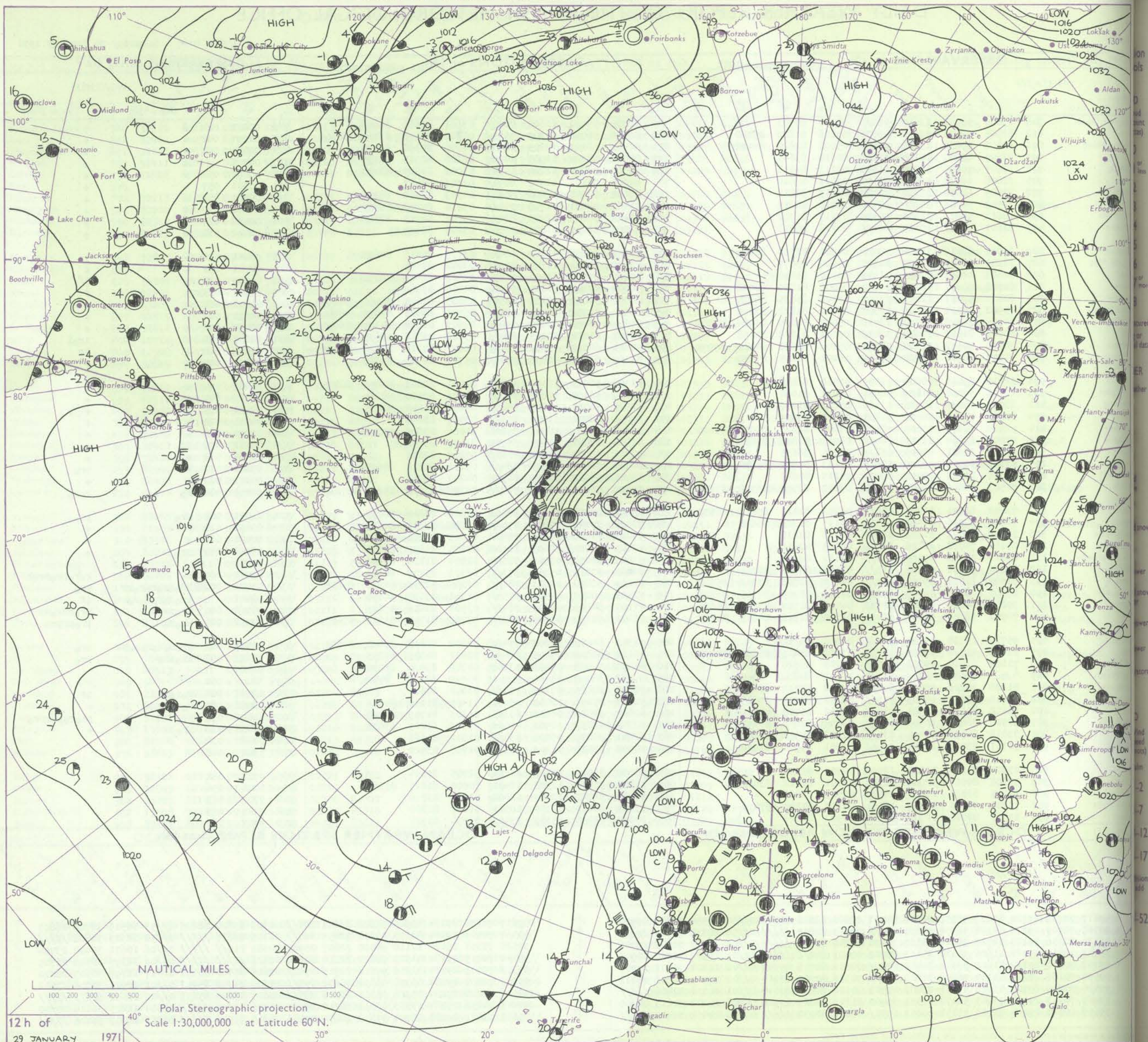
No. 39881

Date of Issue Saturday 30 January 1971

Code FM I.L.D.		OBSERVATIONS at 12h. 29 January 1971										OBSERVATIONS at 18h. 29 January 1971										OBSERVATIONS during DAY					
Station		ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	ill	RRT x F	SSS	WEATHER				
																								09h.—15h.		15h.—21h.	
09h.																											
	Boscombe Down	746	73006	58051	12605	762//	04110	87703			746	82305	37051	11604	80977	03601	86360	88464		746	00071	024	+		+		
	Hurn	862	62905	62021	12608	18531	03006	81822	85080		862	80000	56012	11305	35777	04702	83650	83360	88464	862	00091	042	+		+		
	Thorney Island	871	42102	59050	13308	11504	05108	81820	84070		871	80903	58021	12205	40977	04000	84360	88270		871	00091	053	+		+		
	Manston	797	32609	69030	12108	35600	04010	83645			797	80000	58021	12903	20937	02206	82362	88275		797	00091		+		+		
	Gatwick	776	12607	75020	12508	11400	04113	81816			776	80000	58021	12204	15547	03002	81625	88270		776	00091	054	+		+		
	Kew	775	32806	62030	12206	31400	03111	83814			775	80000	30101	11903	80917	02303	88467			775	00081	057	+		+		
	Heathrow	772	22609	64030	12307	21400	03113	82812			772	80000	50041	12006	30937	04303	83362	88280		772	00081	055	+		+		
	Honington	586	32509	50056	10806	38430	03118	82817			586	72404	48031	11705	754//	03210	85618	86635		586	00071		+		+		
	Wattisham	590	12611	59011	11105	15300	03117	81708			590	82104	56031	12205	884//	03306	84813	88626		590	00062	027	+		+		
	Gorleston	497	82607	32051	10105	864//	04218	88718			497	22205	32051	11805	25500	03209	82625			497	00070	010	+		+		
	Aberporth	502	73005	62012	11706	784//	04303	82710	86815		502	71701	66038	11204	784//	03505	85815	87635		502	96061	002	+		pr		
	Ross-on-Wye	627	32304	66030	11207	00905	03400	83077			627	70901	24051	11104	70917	03802	87465			627	00081	052	+		f		
	Filton	628	32403	40051	12007	11401	03110	81812			628	80000	20401	11404	11577	03502	81828	88270		628	00071	035	+		jf		
	Rhoose	715	61702	40051	12106	11601	05006	81830	86078		715	70000	40102	11105	70937	04806	87360			715	00061	025	+		f		
	Chivenor	707	80604	57101	12605	55607	04106	85635	88275		707	80000	58052	11105	18577	03605	81825	86460	88275	707	00071	000	+		+		
	Mount Batten	827	70902	18101	12506	12508	05002	81822	87275		827	80904	37052	10706	58527	05706	81820	85635	88460	827	00091	002	+		+		
	St. Mawgan	817	70905	74028	12307	18418	05007	81815	85464	87272	817	80605	58052	10705	14477	04607	81818	84359	88460	817	00071	000	+		+		
	Scilly	804	80000	81022	12008	32417	05001	83818	88458		804	80407	81022	10007	884//	05708	83818	88635		804	92081	000	+		ir <sub>ol</sub>		
	Culdrose	809	70000	74112	12307	38571	05104	82820	84460	85070	809	70404	64022	10606	58477	05607	82818	84624	87462	809	01082	000	+		ir		
	Guernsey	894	71807	80021	12908	18438	06001	81815	87270		894	81107	62022	10806	75237	05711	82705	87657		894	00091	004	+		+		
	Elmdon	534	12810	50041	10807	11401	02010	81816			534	81402	50041	11105	45507	02001	82625	84650	88275	534	00081	044	+		+		
	Cardington	559	12506	58051	11007	00901	04011	81080			559	82103	56102	11804	25607	04106	82630	88275		559	00081	047	+		+		
	Wittering	462	22609	58036	10706	11401	03213	81817			462	72502	56031	11605	55601	03106	85640	86075		462	00081	052	+		+		
	Watnall	354	42808	48041	10506	31401	03111	83815			354	80000	28051	11305	856//	03007	88640			354	00071	022	+		+		
	Shawbury	414	52908	74018	10807	38541	03007	81825	83632	85078	414	63103	74031	10803	35606	01000	83635	85273		414	00081	028	+		+		
	Finningley	360	73007	20284	09506	784//	04011	81817	87624		360	32403	28041	10505	35700	03008	83650			360	00081	037	ff		+		
	Kilnsea	396	62812	32051	09405	656//	04215	86635			396	72711	48022	11105	756//	03209	87631			396	00061	018	+		+		
	Leeming	257	63309	60042	09306	684//	03113	84812	85620		257	80000	56041	10405	884//	03111	81814	88628		257	97071	013	+		pro		
	Tynemouth	262	70306	81022	09506	55537	04217	85625			262	82002	58042	10205	80977	04207	88358			262	00061	007	+		+		
	Carlisle	222	72503	40046	09904	752//	03012	82705	83708	87635	222	72102	56602	09905	754//	03303	83710	85621	87630	222	97061	008	ro		ro <sub>ro</sub>		
	Valley	302	73010	66801	11006	784//	04203	82810	85814	86632	302	60902	80028	11004	38402	02802	82814	86075		302	01071	009	pro		pro		
	Ringway	334	72806	20046	10406	65337	04114	81706	86620		334	72002	25042	10805	754//	03004	83618	87635		334	00071	011	+		+		
	Squires Gate	318	32908	65021	10306	38400	04113	81818			318	73007	61031	10605	785//	03005	84821	86635		318	00081	018	+		+		
	Ronaldsway	204	23110	75018	10206	28402	04005	82814			204	43005	84021	10603	18502	00005	81820	84075		204	97071	044	pro		+		
	Mull of Galloway	131	63614	74158	09505	636//	03117	86930			131	53605	80031	09903	58500	02204	81820	85640		131	03061						
	Eskdalemuir	162	80000	58602	09604	873//	03111	84706	88714		162	82008	23616	09303	873//	02303	85707	88714		162	03041	000	ro		ro <sub>ro</sub> pro <sub>ro</sub> prph		
	Prestwick	135	81502	22636	09404	853//	04010	82708	83712	85628	135	70000	60808	09603	784//	02205	82711	84816	85633	135	01051	000	id <sub>oir</sub> ro <sub>ro</sub> rr		pro		
	Abbotsinch	140	83002	40216	09703	872//	02110	82703	84706	88708	140	72502	40042	09502	65537	01301	83625	84650		140	92041		ir <sub>o</sub> ro <sub>ro</sub> ro <sub>ro</sub>		if		
	Leuchars	171																									



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

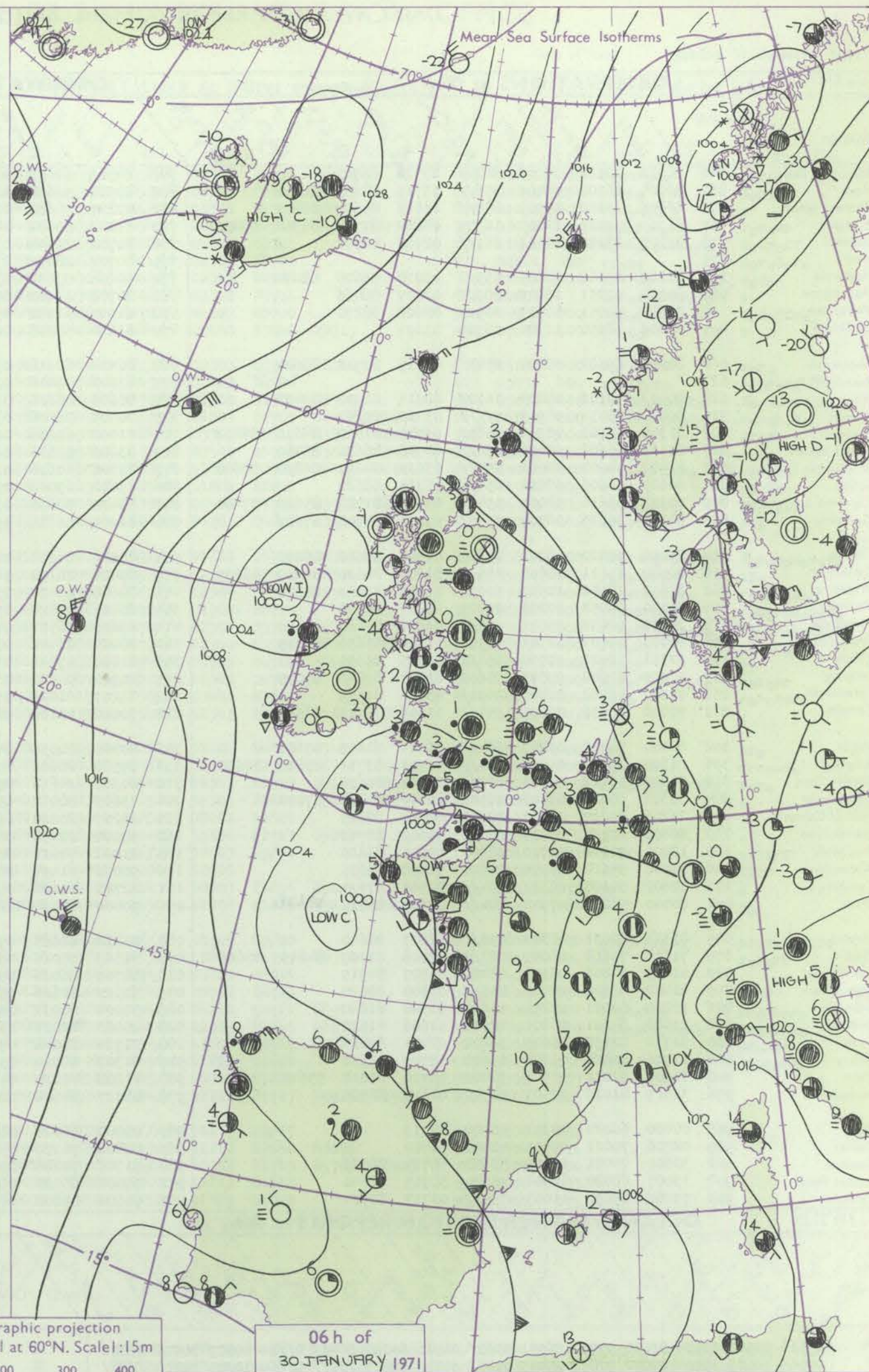
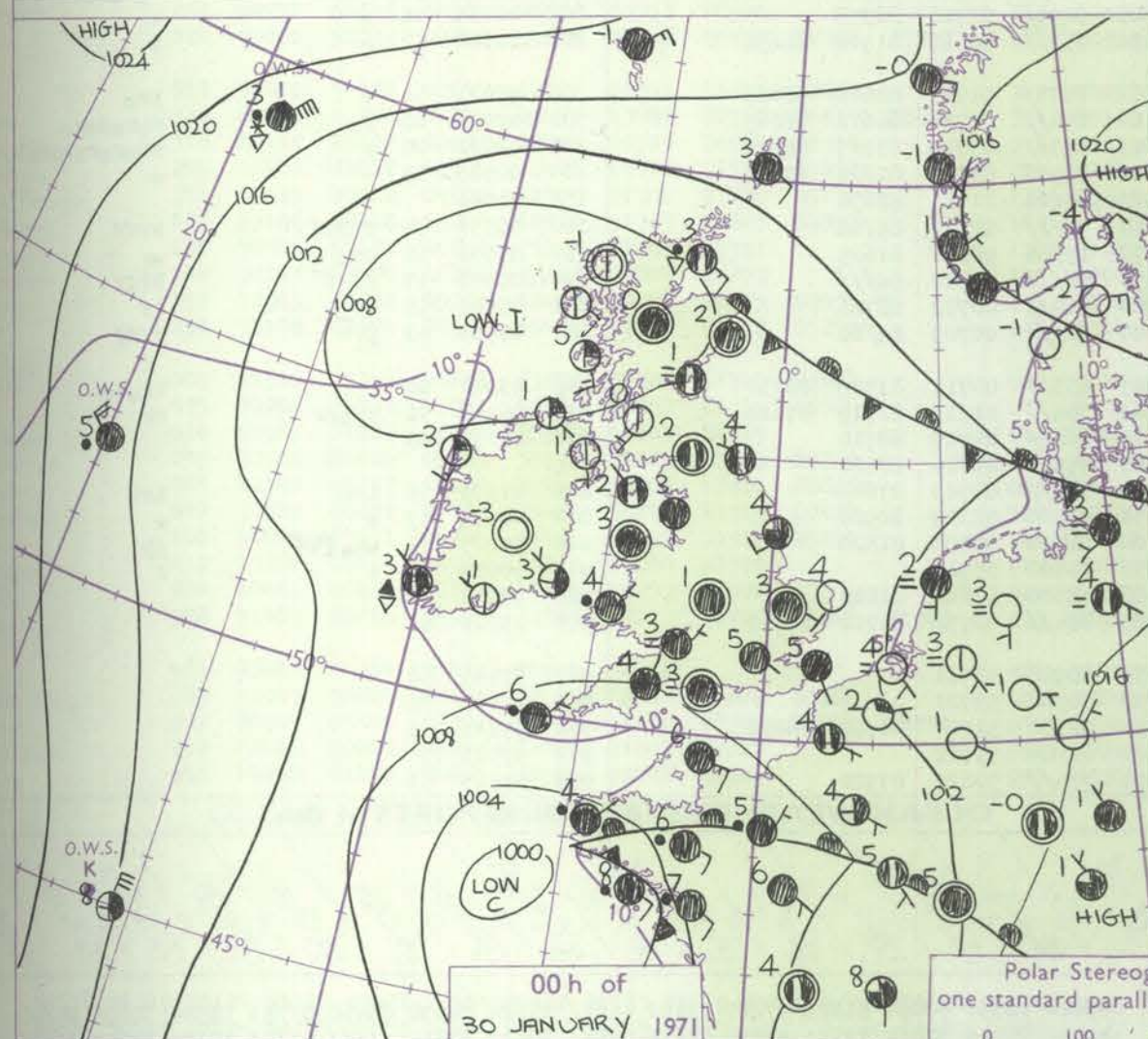
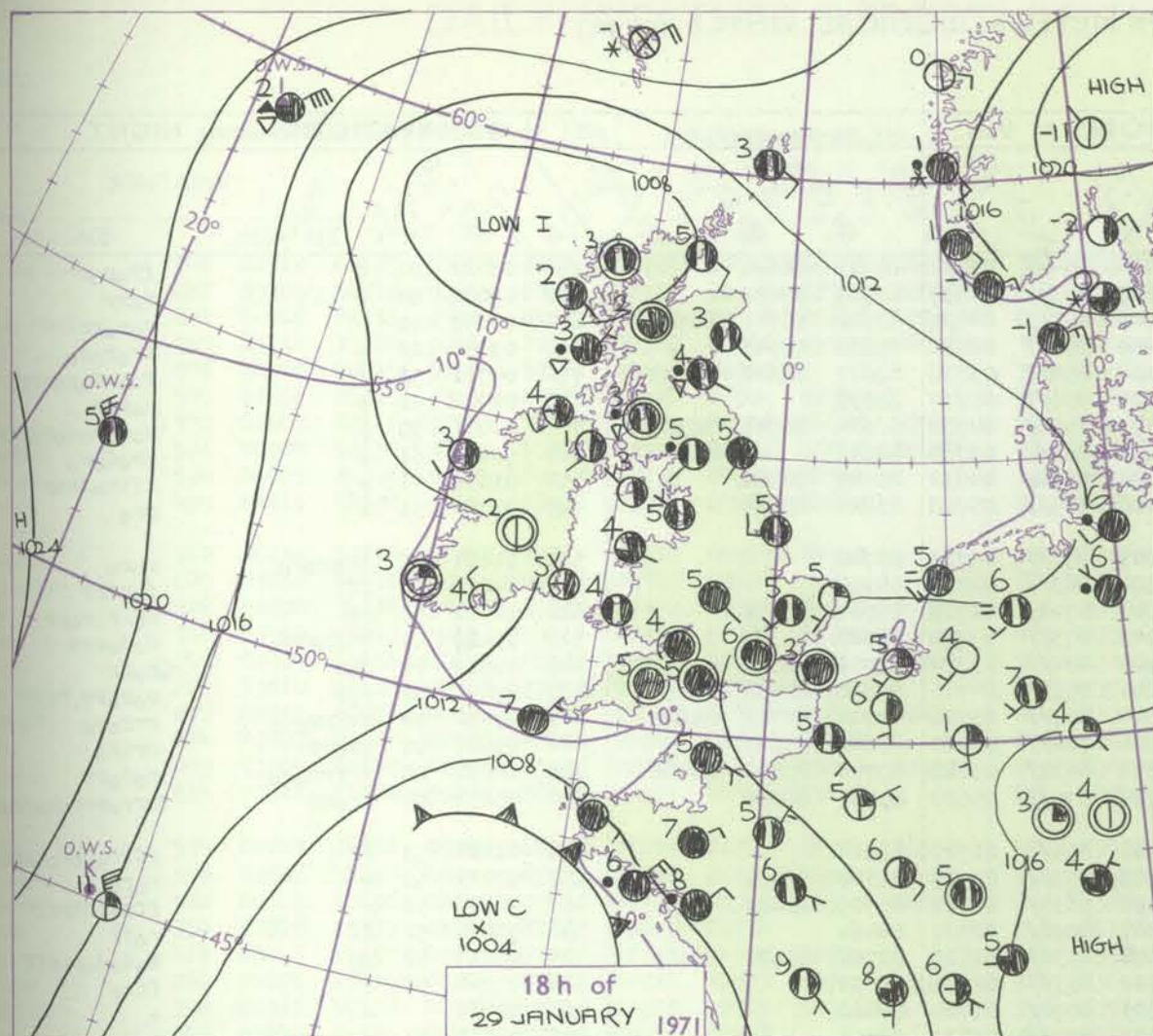


12 h of  
29 JANUARY 1971

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



# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection  
one standard parallel at 60°N. Scale: 1:5m  
0 100 200 300 400

## GENERAL SYNOPSIS DEVELOPMENT

The depression over the North Sea moved very slowly east and filled up during yesterday. Another depression off northwest Spain with a well marked trough to the south developed into a complex system during yesterday. The main centre is now centred off Brest and is expected to move northeast to the southern North Sea by tomorrow morning. In the meantime the depression off the Hebrides yesterday

morning having now moved slowly south to northwest Ireland, is expected to continue south to the Bay of Biscay, becoming absorbed in the general cyclonic circulation over northwest Europe. A cold northeasterly airstream is expected to become established over most parts of the British Isles during the next 24 hours.

Issued at midday Saturday 30 January 1971



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

No. 39882

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										Code FM
		30 January 1971										30 January 1971																				
Station		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>h</sub> M <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>h</sub> M <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> T <sub>n</sub> E	TgTg	WEATHER		Station							
																								21h.—03h.	03h.—09h.							
Boscombe Down	746	80910	28102	09003	862//	03715	88703				746	80513	61616	02404	854//	03733	85712	88640		746	03021	01	f		froror	Boscombe						
Hurn	862	80000	25102	08403	856//	03719	85633	88656			862	80508	56632	01605	853//	04737	83709	88614		862	07032	01	+		rorr	Hurn						
Thorney Island	871	80606	37102	09505	856//	05815	85634	88656			871	80807	58632	02005	853//	04739	83708	86711	88618	871	06042	00	+		rororr	Thorney						
Manston	797	81705	59022	11005	16377	04612	81708	84362	88272		797	81213	60602	04405	854//	02732	85618	88645		797	03031	01	+		lrororo	Manston						
Gatwick	776	80000	18102	10402	861//	02708	88702				776	80706	36504	03104	854//	03738	82617	86627	88643	776	04011	54	ff		fdorrorrrr	Gatwick						
Kew	775										775	80707	28052	03205	856//	04737	88636			775	02022	51	+		roror	Kew						
Heathrow	772	81202	24042	10205	655/8	03810	86628	88272			772	80608	35602	03405	6557/	04735	82624	86647	88365	772	02031	50	+		rodorodorodr	Heathrow						
Honington	586	80000	23051	11003	8092/	02607	88466				586	80706	11102	05203	857//	03730	88656			586	91021	51	+		lrodor	Honington						
Wattisham	590	81204	32051	10903	00907	02608	88270				590	81007	11282	05004	5562/	04732	85645	88464		590	01032	51	+		ifirodrdr	Wattisham						
Gorleston	497	02003	48050	11304	00900	03101					497	81010	58258	06206	885//	05728	83820	88630		497	97022	51	+		pro	Gorleston						
Aberporth	502	80403	69602	08804	854//	02715	83712	88624			502	80112	62616	03603	873//	03727	88708			502	01021	02		lrororo	roro	Aberporth						
Ross-on-Wye	627										627	83602	08446	03502	863//	02728	88708			627	04012	52	ff		frrfr	Ross-on-Wye						
Filton	628	80503	17104	08803	1612/	02814	81702	88462			628	80606	26616	03003	5742/	02725	85712	88550		628	04022	50	rr		rorrorr	Filton						
Rhoose	715	90000	06434	08903	91111	03712	89701				715	80405	26588	03003	873//	03729	88706			715	05024	01		ffrrprro	rodorrs	Rhoose						
Chivenor	707	81305	58102	08304	4567/	03717	81630	84656	88462		707	81002	62636	02704	854//	03727	81712	88625		707	06032	01	dor		rorr	Chivenor						
Mount Batten	827	81111	66606	08005	6562/	04716	86634	88460			827	83606	62636	02204	7562/	04726	87630	88556		827	07031	03	ror		rororr	Mount Batten						
St. Mawgan	817	81402	50602	08004	854//	03615	84617	86620	88628		817	83306	40636	02804	853//	03726	82706	85712	88620		817	09032	02	rrrrrrroro	rrroro	St. Mawgan						
Scilly	804	80605	66606	07606	855//	05715	88620				804	73611	69036	03606	784//	04720	83818	87623		804	05042	02	irorr		rrror	Scilly						
Culdrose	809	70103	66616	08004	5542/	03718	81710	85620	87460		809	83405	60636	03303	6532/	03822	83708	85622	88460	809	12032	00	irrrrrroro	rororr	Culdrose							
Guernsey	894	81111	66636	06707	7537/	03721	84708	87623			894	81207	56636	99705	870//	05628	85701	88702		894	05052	04	irorr		rrrorrrroroir	Guernsey						
Elmdon	534	80000	05422	09801	25607	01808	82640	88270			534	80000	04604	04401	854//	01729	88614			534	01001	53	ff		ffirororoirr	Elmdon						
Cardington	559	80000	14111	10501	45537	01609	84620	86360	88275		559	80404	26102	04403	853//	03729	86708	88630		559	92011	52	+		roro	Cardington						
Wittering	462	82602	18102	10502	30977	01605	83364	88272			462	80606	09424	05101	5637/	01727	85709	88462		462	96011	52	+		ffrorRdrff	Wittering						
Watnall	354	80000	26052	10202	00907	02707	88270				354	80405	07424	05202	8092/	02727	88464			354	97021	52	ff		roff	Watnall						
Shawbury	414	70000	62032	09602	756//	01810	87630				414	83603	56512	04608	6532/	01726	82708	86620	88460	414	02011	52	ro		rododoroff	Shawbury						
Finningley	360	60000	19101	10302	55702	01501	85656	84075			360	80000	06444	05502	857//	02725	88650			360	97011	50	f		ffro	Finningley						
Kilnsea	396	62311	48022	10704	656//	03705	86630				396	81010	57021	07605	8092/	04724	88460			396	00031		+		+	Kilnsea						
Leeming	257	70000	58048	09502	35601	01805	83645	87075			257	80902	04582	06102	870//	01721	88701			257	02011	51	+		rodoroff	Leeming						
Tynemouth	262	72807	48042	08904	7093/	03606	87359				262	83207	61022	06303	8097/	02716	88358			262	00031	01	+		+	Tynemouth						
Carlisle	222	70000	56036	09202	754//	01606	85714	86645			222	70000	10102	06100	753//	00616	81708	86650		222	00501	52	+		+	Carlisle						
Valley	302	80000	74032	09203	884//	01714	81815	87656			302	80000	80032	04802	2577/	01723	82650	88463		302	97021	51	+		pro	Valley						
Ringway	334	81705	30042	09903	854//	02704	83712	83616	88650		334	80503	20606	05104	854//	02725	86616	88645		334	02031	00	ro		rorodoro	Ringway						
Squires Gate	318	81802	60022	09603	857//	03706	88650				318	80303	34616	05603	853//	03719	83707	88619		318	020											



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

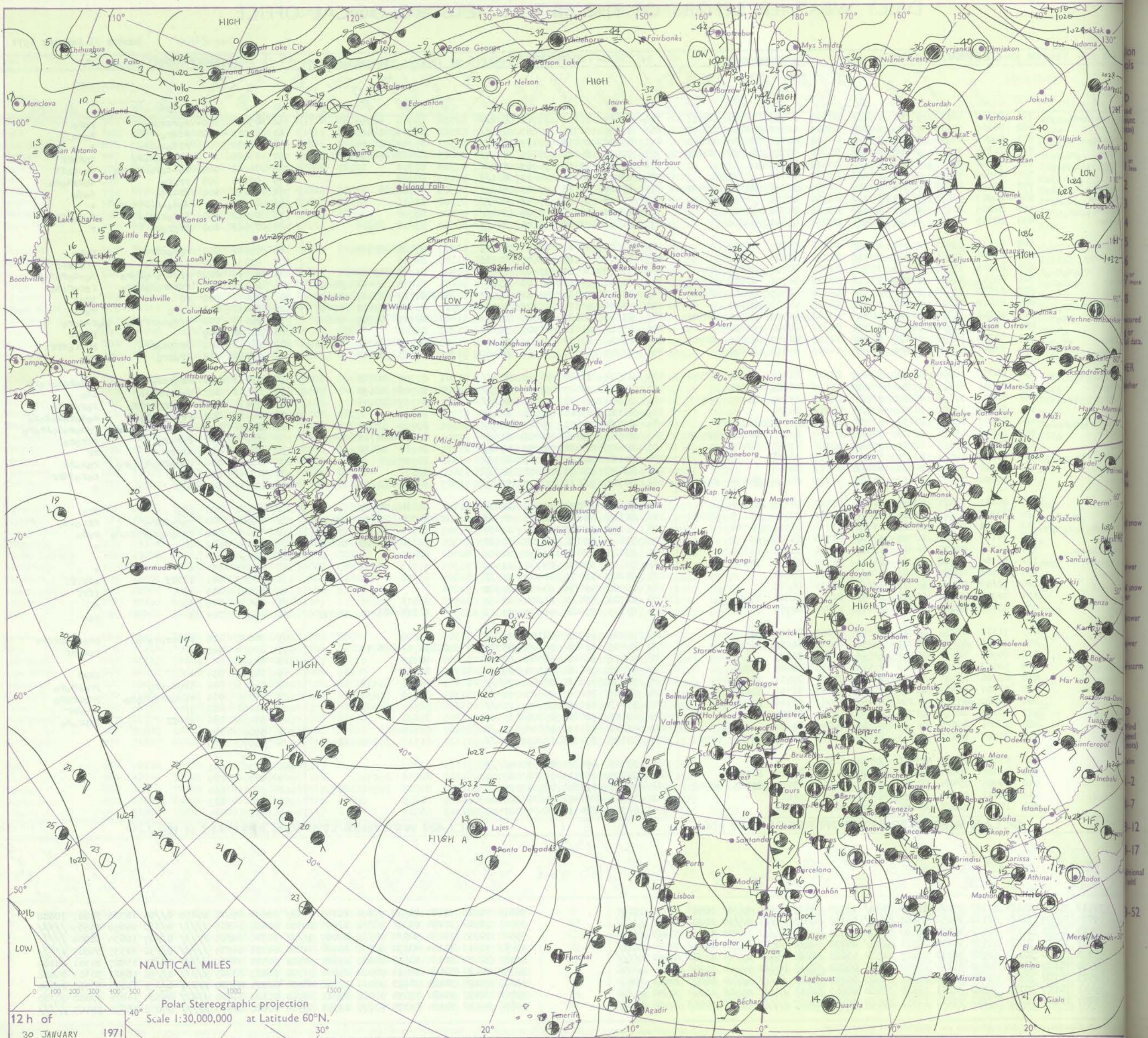
No. 39882

Date of Issue Sunday 31 January 1971

Code FM 11.D		OBSERVATIONS at 12h.										30 January 1971										OBSERVATIONS at 18h.										30 January 1971										OBSERVATIONS during DAY				
Station		iii		Nddff		VVwww		PPPTT		N <sub>h</sub> Ch <sub>h</sub> CH		T <sub>d</sub> T <sub>d</sub> app		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		iii		Nddff		VVwww		PPPTT		N <sub>h</sub> Ch <sub>h</sub> CH		T <sub>d</sub> T <sub>d</sub> app		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>		iii		RRT T <sub>h</sub> E		SSs		WEATHER		
																																												09h.—15h.		15h.—21h.
9h.	Boscombe Down	746	80312	48617	97701	852//	01725	86703	86706	88615	746	83610	50107	97702	872//	02304	84704	88705		746	03031	000	rorsror	roro																						
	Hurn	862	80209	50616	97103	6732//	03719	82706	86707	88512	862	83207	60025	97603	853//	02302	84708	88613		862	03041	000	rrRro	doro																						
	Thorney Island	871	80206	62215	97204	853//	04620	85708	85616	88640	871	83506	24056	97103	862//	03303	85703	88704		871	01051	001	rrdoro	+																						
	Manston	797	81814	37586	98106	873//	05728	83706	85707	88708	797	72009	64026	97207	4547//	05003	82612	84640	87360	797	03071	000	ro-doro	rororr																						
	Gatwick	776	80000	22215	97304	871//	04626	88702			776	83304	10106	96903	860//	03304	88701			776	01041	000	ro-doro-rdodo	do-roff																						
	Kew	775	83606	48616	97303	872//	03728	84704	88708		775	83507	40106	96803	861//	02103	88702			775	02041	000	rrro	doro																						
	Heathrow	772	83609	40616	97903	7732//	02727	82706	86708	88535	772	83506	40516	97003	862//	02303	88704			772	02041	000	dr-rdo	dodo																						
	Honington	586	80907	56636	98603	6532//	03740	82706	86612	88550	586	82603	40106	97003	864//	03302	88711			586	04051	000	doro-rorrrro	+																						
	Wattisham	590	81207	28636	97904	870//	03739	84701	88702		590	82704	08426	96904	870//	04207	88700			590	04052	000	dororrdof	dodoffro																						
	Gorleston	497	81015	58636	99105	884//	03745	85811	88618		497	81810	39056	96106	884//	06400	83810	88615		497	07062	000	proror	r																						
12h.	Aberporth	502	80114	59617	01302	873//	01712	85707	88710		502	83620	59612	00403	873//	02303	87706	88710		502	05031	000	rorsrrrs	roro																						
	Ross-on-Wye	627	83606	48616	99403	8032//	02718	88506			627	83403	24216	98602	8032//	01103	88506			627	03031	000	rirsoro	iroro																						
	Filton	628	80208	37686	98903	854//	02722	83711	85630	87656	628	83508	30587	98403	872//	01305	81705	88709		628	05031	000	rrrsro	do-doro																						
	Rhoose	715	83503	56617	99603	5731//	02616	81706	85708	88459	715	83306	57616	98703	15277	01204	81705	86462	88270	715	04041	000	rrsrso	roroso																						
	Chivenor	707	83504	59636	00203	853//	02710	82708	84712	88620	707	83302	74036	99104	884//	03301	84712	83817	88630	707	05041	000	rr	iror																						
	Mount Batten	827	83410	56616	00402	3732//	02715	82708	88550		827	73506	58616	99203	6737//	03500	86708	83615	87458	827	02031	001	roro	roro																						
	St. Mawgan	817	80211	69258	00904	7837//	03803	82707	85810	88462	817	83310	58607	00002	6837//	01804	82707	85709	86640	817	09042	000	rrrsorrrrs	rrrsoro																						
	Scilly	804	43407	83026	02607	43500	01302	82920	83822		804	33413	81011	01905	38500	51202	82820			804	01072	049	+	phrir																						
	Culdrose	809	73204	40848	01803	5332//	02500	81707	83816	82912	809	83424	62268	00903	5332//	01400	82709	83912	88460	809	06052	022	prsprpro	psprospr																						
	Guernsey	894	73011	81022	99106	784//	04501	84616	87628		894	72909	66258	98904	68462	01301	85815	83640		894	93061	002	iropro	pro																						
15h.	Elmdon	534	80207	38686	99902	6712//	01824	81702	86704	88550	534	83508	30587	98302	872//	01301	85704	88705		534	03031	000	Rrrrsro	do-soro																						
	Cardington	559	83606	48696	99202	6722//	02626	86705	88530		559	83305	59027	97402	853//	02204	86706	88630		559	04041	000	rorsrrrs	ido																						
	Wittering	462	80309	37696	00203	7722//	02725	83705	86707	88515	462	83609	59027	97602	862//	02302	84703	88705		462	07031	000	frorrrssro	rordodo																						
	Watnall	354	80509	15737	01201	872//	00819	88704			354	80110	19687	98601	872//	01702	88704			354	06022	000	rrssro	ro-soro																						
	Shawbury	414	83407	12697	01001	871//	01717	84702	88704		414	83509	15617	99803	870//	02301	83700	88703		414	07031	000	ffrorrrrsro	ro-soro																						
	Finningley	360	80806	19616	01604	7722//	04720	82703	86707	88535	360	83611	59616	98802	6732//	02704	83706	86710	88524	360	08041	000	ffro	rrro																						
	Kilnsea	396	80916	57636	02704	7742//	03726	87715	88460		396	80515	66026	98104	4742//	03715	84710	88460		396	08052	000	irorr	rr																						
	Leeming	257	80109	14515	03403	872//	02715	88703			257	80114	32616	00703	873//	01806	88707			257	07031	000	doro-dodoro	roro																						
	Tynemouth	262	80214	66616	04304	8062//	02713	88540			262	83420	58256	01803	856//	03400	88635			262	03042	000	roro	rorddr																						
	Carlisle	222	70000	58032	04602	55628	01708	85635	84462	87272	222	80311	56032	03501	5542//	51303	82713	84622	88465	222	00031	003	+	+																						
18h.	Valley	302	80411	74028	02605	1242//	01711	81815	88462		302	70218	62808	01904	4242//	01104	84814	87462		302	95051	000	pro	pro																						
	Ringway	334	80207	13216	01304	854//	03809	82710	85614	88645	334	80113	40216	00003	7732//	01501	82708	86710	88550	334	04041	000	rorsrdr-r	rrro-do																						
	Squires Gate	318	80111	26697	02501	872//	01716	86704	88710		318	80109	56217	01403	45407	01303	81712	84640	88270	318	03041	000	ro-soro	roro																						
	Ronaldsway	204	70109	81022	03504	18406	01710	81713	87273		204	73607	84032	03303	11522	50305	81820	83465	87075	204	00051	002	+	+																						
	Mull of Galloway	131	53615	80022	04602	12509	01704	81825	85170		131	23623	82020	03601	22501	00002	82825			131	00031																									

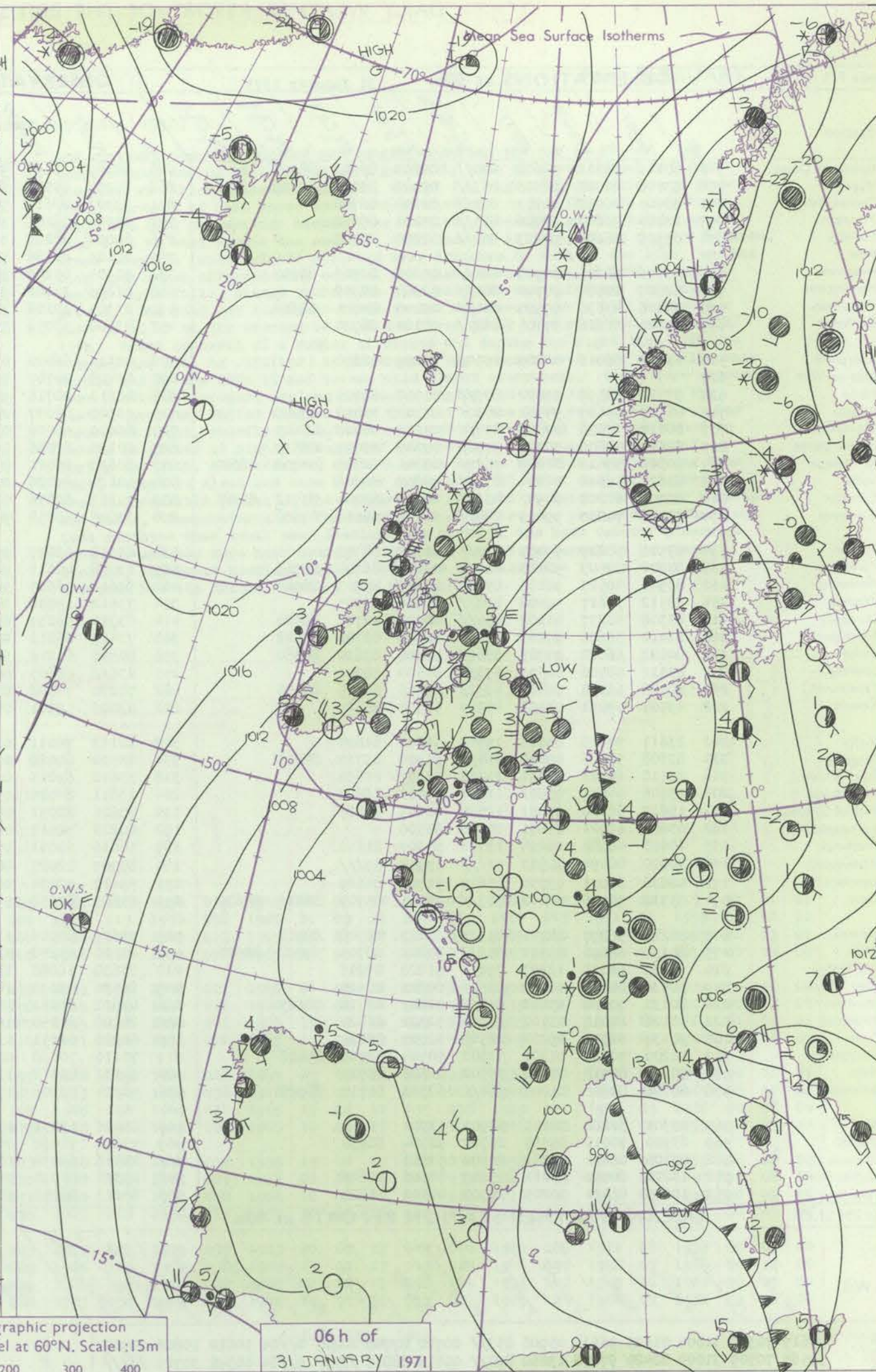
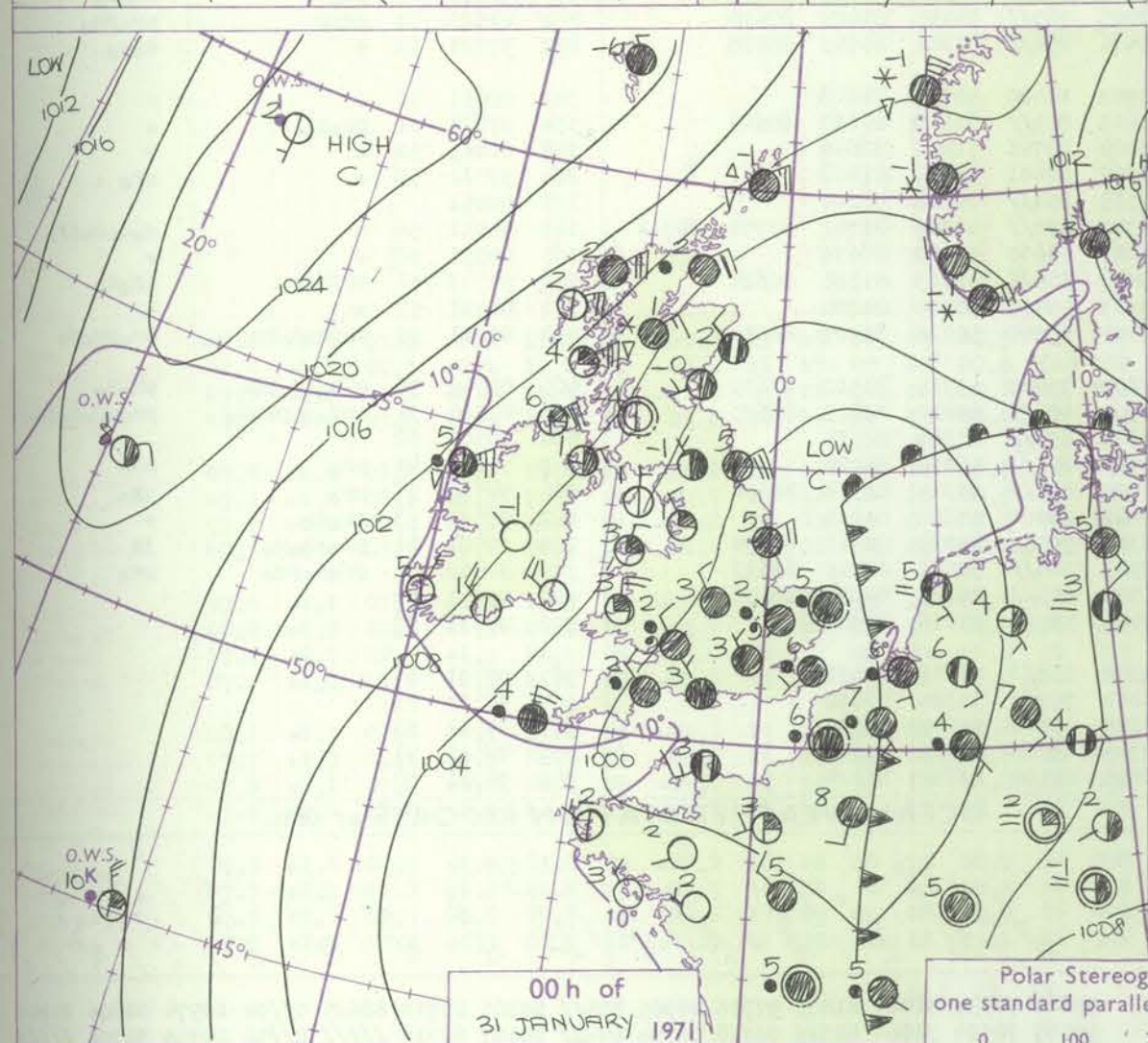


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





## CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

A depression moved slowly from the Brest Peninsula to the southern North Sea. Another depression near northwest Ireland moved southwards and filled. An anticyclone near Iceland moved southwards. The North Sea depression is expected

to continue its slow northeastward movement during the next 24 hours and the anticyclone will move southeastwards to near southern Ireland so that a strong northerly gradient will be maintained over the British Isles.

Issued at midday Sunday 31

January 1971



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

Code FM II.D		OBSERVATIONS at 00h.									31 January 1971									OBSERVATIONS at 06h.									31 January 1971									OBSERVATIONS during NIGHT								
Station																																														
		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RRRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER																							